

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115592.D
 Acq On : 16 Jul 2019 12:40
 Operator : HP/JU
 Sample : PB121412BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 15:29:53 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 12 14:03:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	188815	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	760832	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	375974	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	725725	20.00	ng	0.00
76) Chrysene-d12	14.04	240	461011	20.00	ng	0.00
87) Perylene-d12	15.51	264	338685	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1357521	117.60	ng	0.02
7) Phenol-d6	6.52	99	1795757	122.60	ng	0.00
23) Nitrobenzene-d5	7.45	82	972699	74.34	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	477233	108.75	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1796118	83.62	ng	0.00
79) Terphenyl-d14	12.99	244	1866996	74.73	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.80	88	209171	36.327	ng	97
3) Pyridine	3.53	79	509886	32.639	ng	99
4) n-Nitrosodimethylamine	3.48	42	228786	40.369	ng	98
6) Aniline	6.55	93	574639	28.191	ng	98
8) 2-Chlorophenol	6.67	128	563409	42.452	ng	96
9) Benzaldehyde	6.43	77	71869	7.852	ng	99
10) Phenol	6.53	94	705728	41.505	ng	86
11) bis(2-Chloroethyl)ether	6.62	93	538205	41.575	ng	98
12) 1,3-Dichlorobenzene	6.83	146	520880	34.908	ng	99
13) 1,4-Dichlorobenzene	6.90	146	532850	35.791	ng	98
14) 1,2-Dichlorobenzene	7.06	146	495966	36.442	ng	96
15) Benzyl Alcohol	7.02	79	436493	37.566	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	610471	35.819	ng	98
17) 2-Methylphenol	7.13	107	422951	36.980	ng	99
18) Hexachloroethane	7.40	117	187152	33.868	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	340508	35.645	ng	99
20) 3+4-Methylphenols	7.29	107	497264	36.603	ng	95
22) Acetophenone	7.29	105	671114	39.045	ng	# 94
24) Nitrobenzene	7.46	77	531479	37.659	ng	97
25) Isophorone	7.70	82	995872	38.036	ng	100
26) 2-Nitrophenol	7.78	139	279904	38.532	ng	95
27) 2,4-Dimethylphenol	7.82	122	467522	43.014	ng	98
28) bis(2-Chloroethoxy)methane	7.91	93	597790	37.216	ng	99
29) 2,4-Dichlorophenol	8.02	162	438594	38.801	ng	98
30) 1,2,4-Trichlorobenzene	8.10	180	475896	37.245	ng	98
31) Naphthalene	8.19	128	1432750	38.883	ng	97
32) Benzoic acid	7.95	122	349824	39.219	ng	99
33) 4-Chloroaniline	8.23	127	335592	20.561	ng	99
34) Hexachlorobutadiene	8.31	225	268189	36.601	ng	98
35) Caprolactam	8.60	113	91730	26.261	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	458611	39.113	ng	99
37) 2-Methylnaphthalene	8.88	142	968435	39.649	ng	97
38) 1-Methylnaphthalene	8.98	142	916803	39.518	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	443441	39.167	ng	98

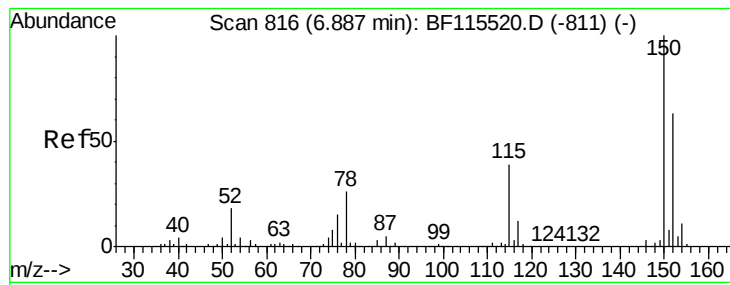
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	363947	56.352	ng	100
43) 2,4,6-Trichlorophenol	9.16	196	314983	38.043	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	333074	39.281	ng	99
46) 1,1'-Biphenyl	9.35	154	1189579	40.471	ng	98
47) 2-Chloronaphthalene	9.37	162	951860	38.892	ng	98
48) 2-Nitroaniline	9.46	65	277321	36.609	ng	99
49) Acenaphthylene	9.79	152	1391368	38.367	ng	98
50) Dimethylphthalate	9.65	163	1085704	38.381	ng	99
51) 2,6-Dinitrotoluene	9.70	165	250356	38.945	ng	89
52) Acenaphthene	9.96	154	989602	42.267	ng	98
53) 3-Nitroaniline	9.87	138	182479	24.840	ng	99
54) 2,4-Dinitrophenol	9.98	184	256936	77.848	ng	# 91
55) Dibenzofuran	10.13	168	1264833	38.040	ng	100
56) 4-Nitrophenol	10.03	139	385081	68.742	ng	97
57) 2,4-Dinitrotoluene	10.10	165	335521	40.287	ng	98
58) Fluorene	10.47	166	935678	39.364	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	293272	41.375	ng	97
60) Diethylphthalate	10.35	149	1046328	39.478	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	481683	36.542	ng	98
62) 4-Nitroaniline	10.49	138	245991	34.910	ng	100
63) Azobenzene	10.62	77	1001745	38.967	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	166230	37.490	ng	98
66) n-Nitrosodiphenylamine	10.58	169	867674	38.436	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	317425	38.275	ng	97
68) Hexachlorobenzene	11.02	284	355424	37.528	ng	# 94
69) Atrazine	11.10	200	262380	35.429	ng	98
70) Pentachlorophenol	11.22	266	413204	71.332	ng	100
71) Phenanthrene	11.43	178	1419333	38.154	ng	98
72) Anthracene	11.49	178	1434533	37.314	ng	100
73) Carbazole	11.63	167	1277715	37.900	ng	99
74) Di-n-butylphthalate	11.96	149	1570379	37.816	ng	99
75) Fluoranthene	12.62	202	1476643	37.564	ng	99
77) Benzidine	12.73	184	295818	18.113	ng	99
78) Pyrene	12.84	202	1451467	37.161	ng	98
80) Butylbenzylphthalate	13.46	149	671212	40.312	ng	97
81) Benzo(a)anthracene	14.03	228	1136681	37.426	ng	97
82) 3,3'-Dichlorobenzidine	13.99	252	342161	31.691	ng	100
83) Chrysene	14.07	228	1189446	39.013	ng	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	836636	40.565	ng	99
85) Di-n-octyl phthalate	14.63	149	1343592	40.944	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	927517	35.808	ng	99
88) Benzo(b)fluoranthene	15.08	252	1069696	49.049	ng	100
89) Benzo(k)fluoranthene	15.12	252	956946	49.217	ng	96
90) Benzo(a)pyrene	15.45	252	923470	49.267	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	789916	48.003	ng	98
92) Benzo(g,h,i)perylene	17.43	276	763379	46.515	ng	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

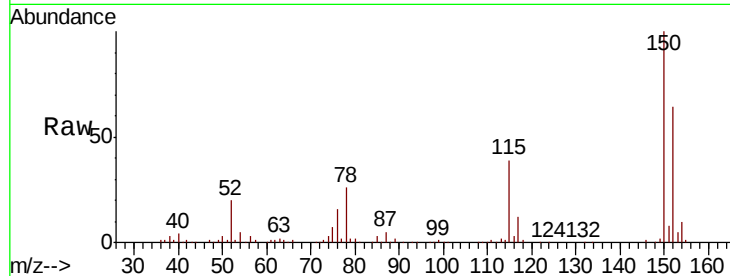


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.6	129.7	194.5
115	61.6	48.2	72.4

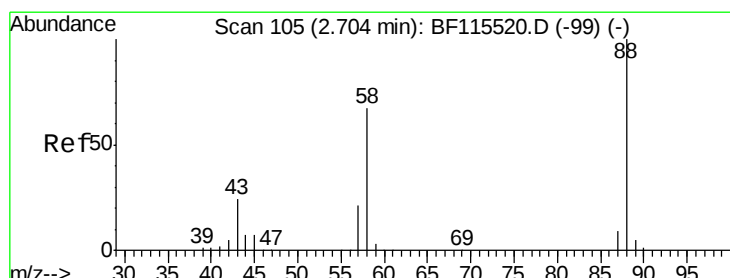
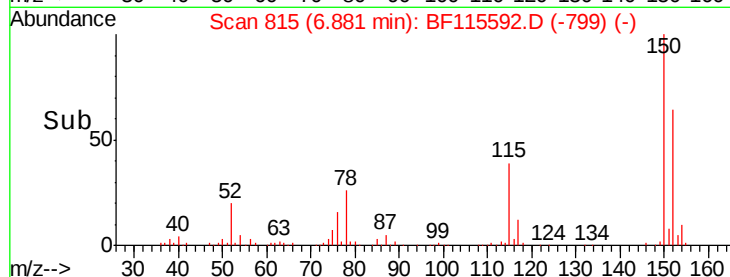
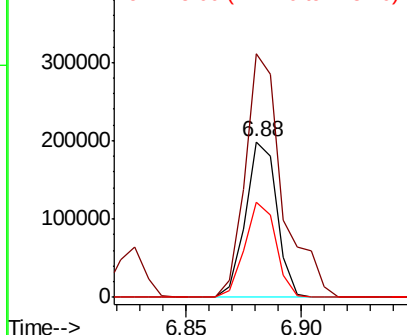


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

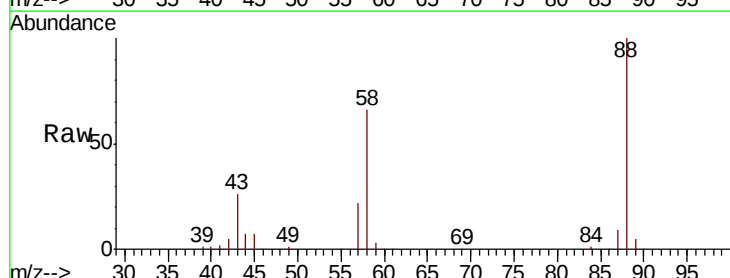
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 36.327 ng
RT: 2.80 min Scan# 121
Delta R.T. 0.09 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
88	100		
58	67.2	52.6	79.0
43	26.1	19.1	28.7

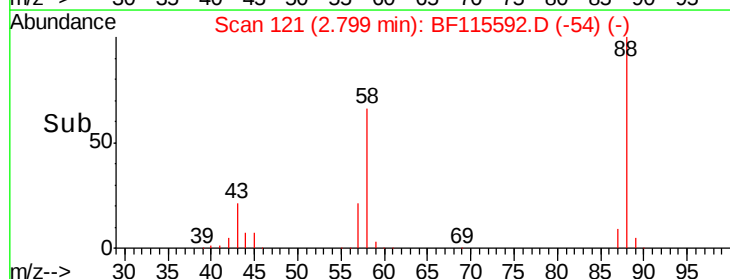
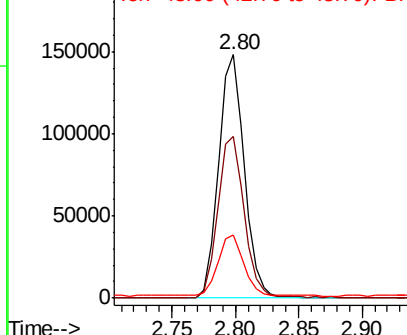


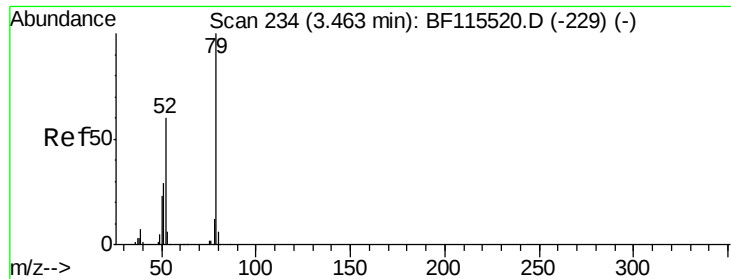
Abundance

Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 32.639 ng

RT: 3.53 min Scan# 246

Delta R.T. 0.07 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampleId :

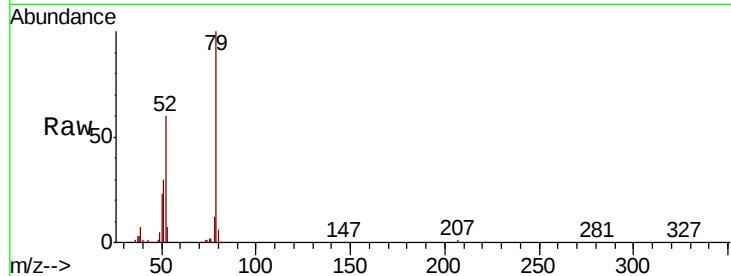
Tot Ion: 79 Resp: 509886

Ion Ratio Lower Upper

79 100

52 60.5 47.8 71.6

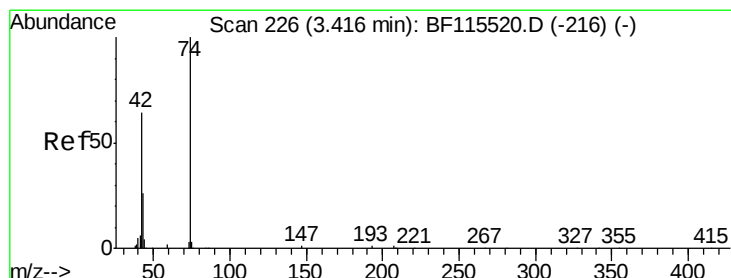
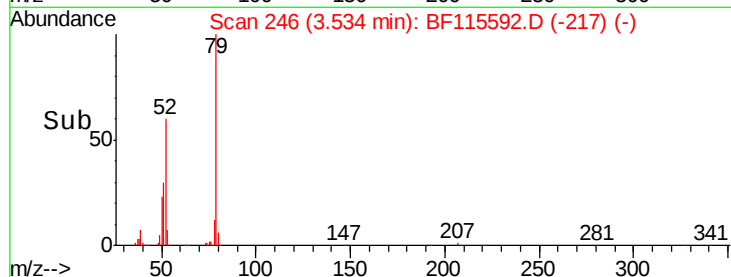
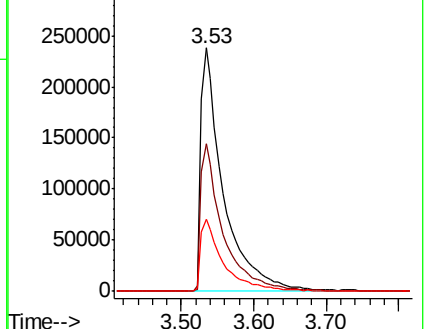
51 29.6 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 40.369 ng

RT: 3.48 min Scan# 237

Delta R.T. 0.06 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

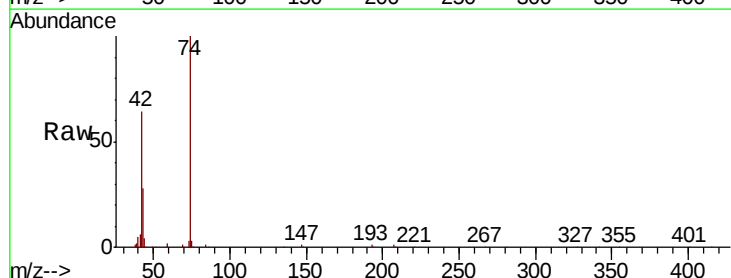
Tgt Ion: 42 Resp: 228786

Ion Ratio Lower Upper

42 100

74 156.0 127.5 191.3

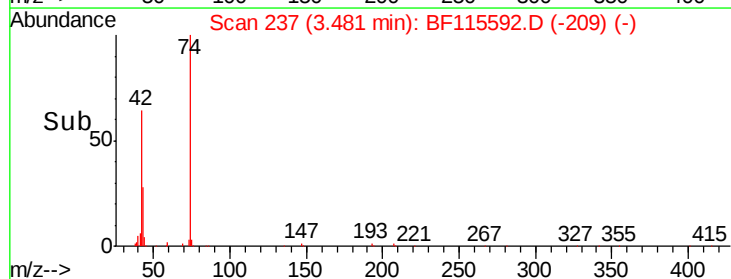
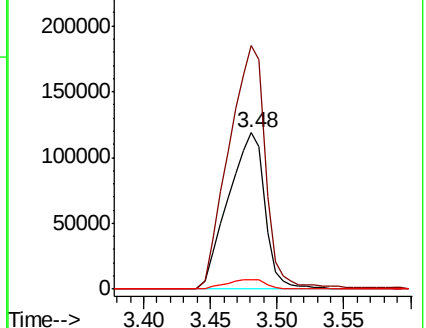
44 6.4 5.0 7.6

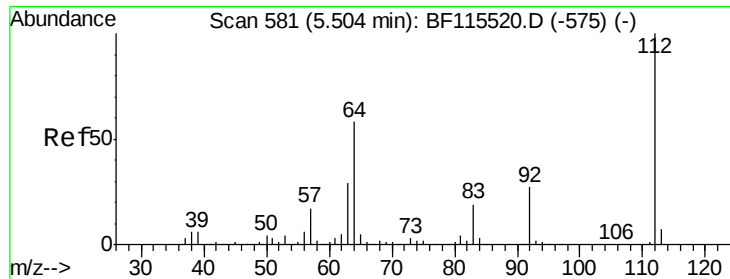


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 117.602 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampleId :

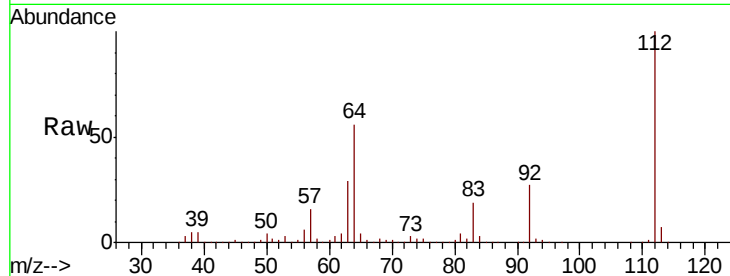
Tot Ion:112 Resp: 1357521

Ion Ratio Lower Upper

112 100

64 56.2 46.8 70.2

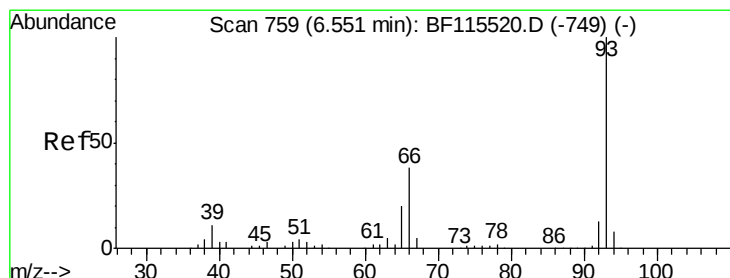
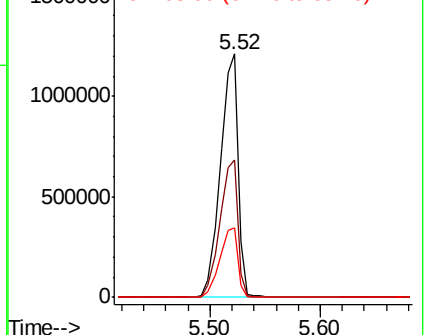
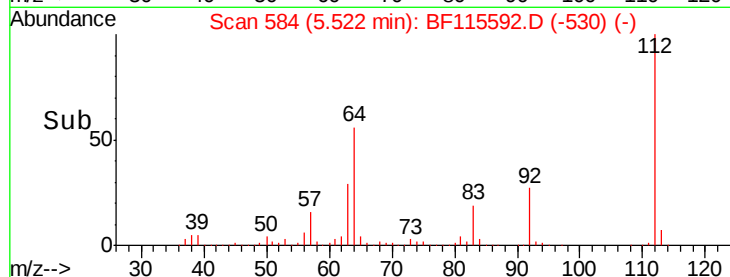
63 28.7 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 28.191 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

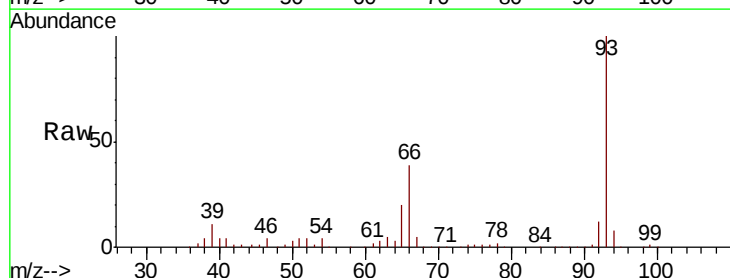
Tgt Ion: 93 Resp: 574639

Ion Ratio Lower Upper

93 100

66 38.5 31.7 47.5

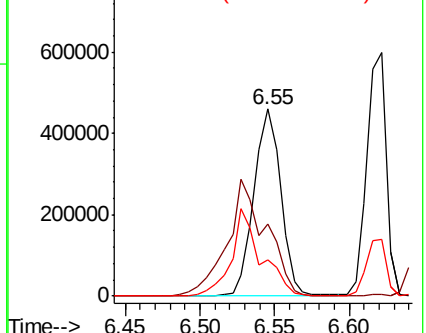
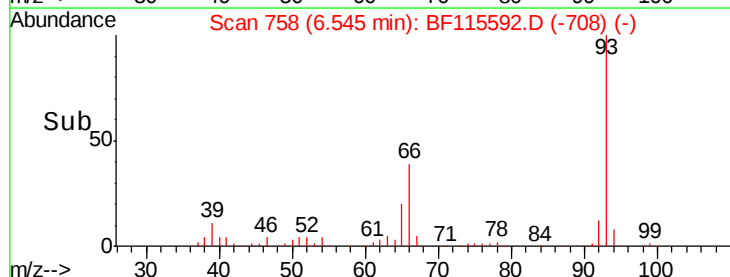
65 19.6 16.2 24.2

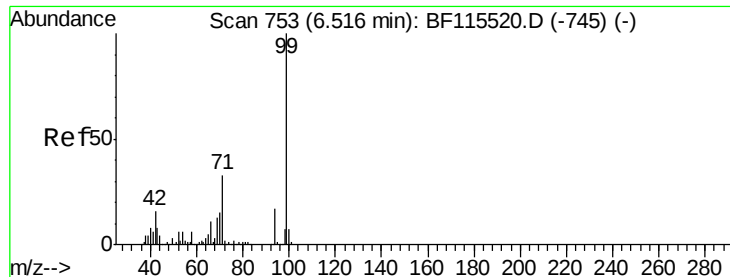


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.601 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

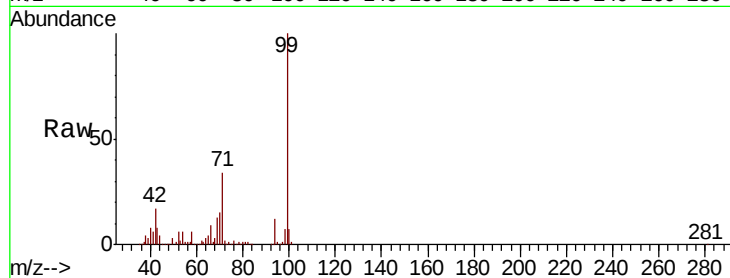
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 1795757

Ion	Ratio	Lower	Upper
99	100		
42	16.6	13.6	20.4
71	34.0	28.5	42.7

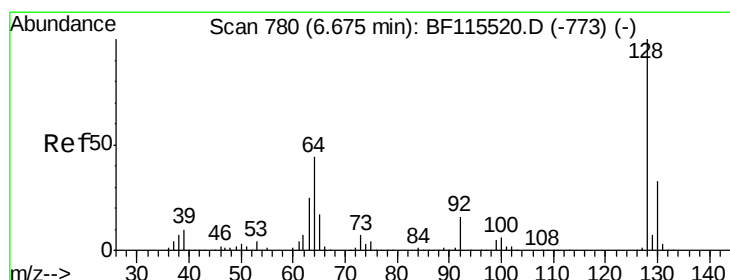
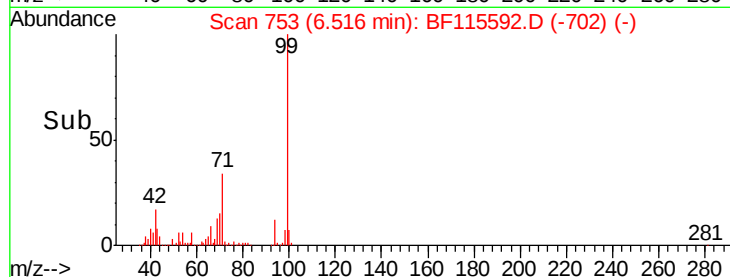
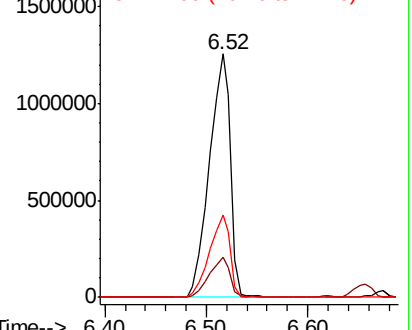


Abundance

Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.452 ng

RT: 6.67 min Scan# 780

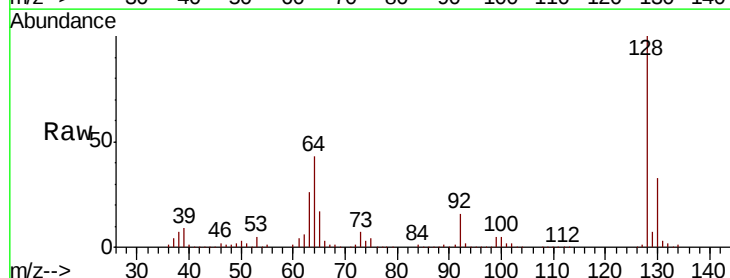
Delta R.T. 0.00 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Tgt Ion: 128 Resp: 563409

Ion	Ratio	Lower	Upper
128	100		
130	32.8	12.8	52.8
64	42.7	26.8	66.8

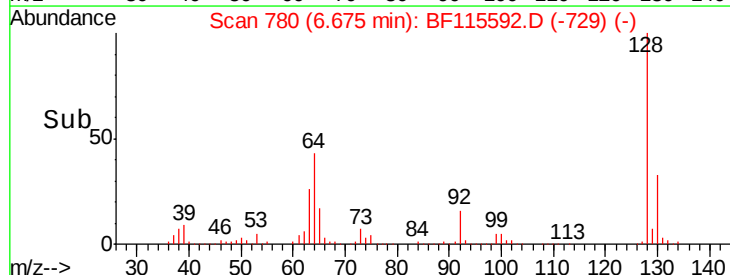
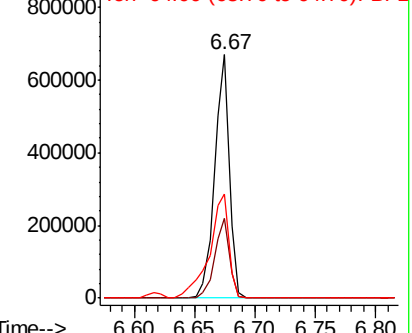


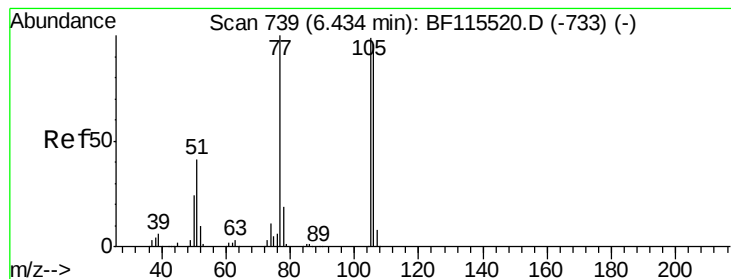
Abundance

Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 7.852 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampleId :

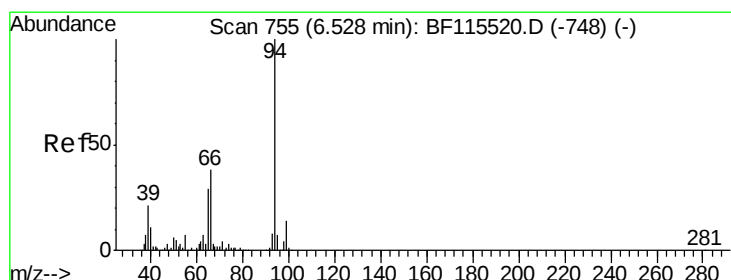
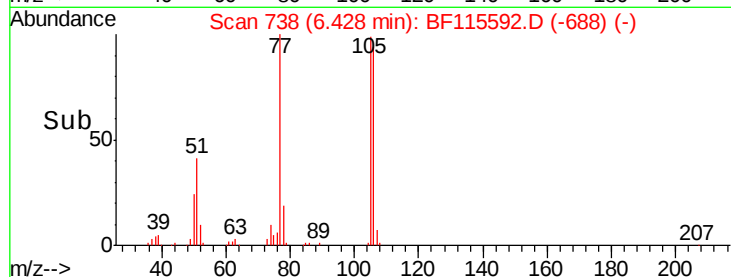
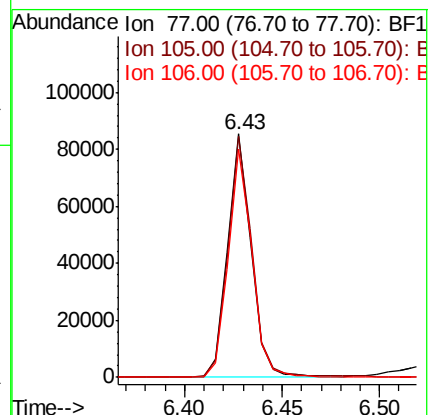
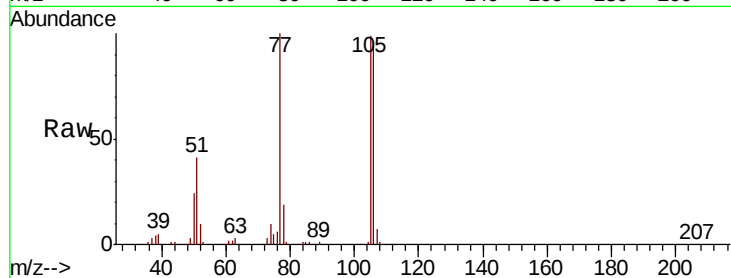
Tot Ion: 77 Resp: 71869

Ion Ratio Lower Upper

77 100

105 99.0 78.8 118.8

106 93.8 75.6 115.6



#10

Phenol

Concen: 41.505 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

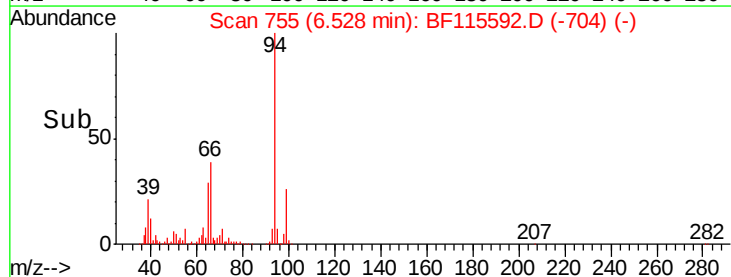
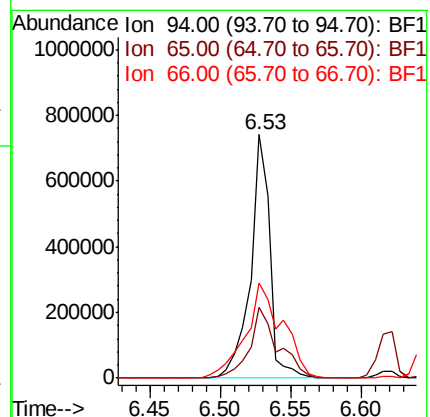
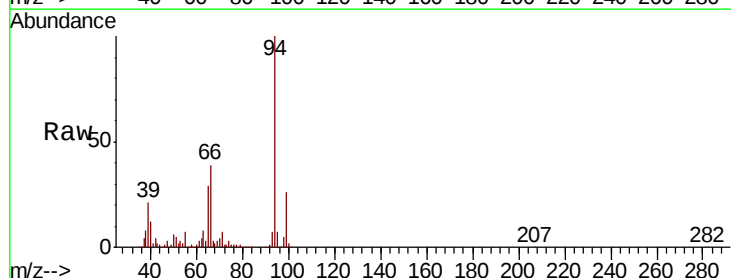
Tgt Ion: 94 Resp: 705728

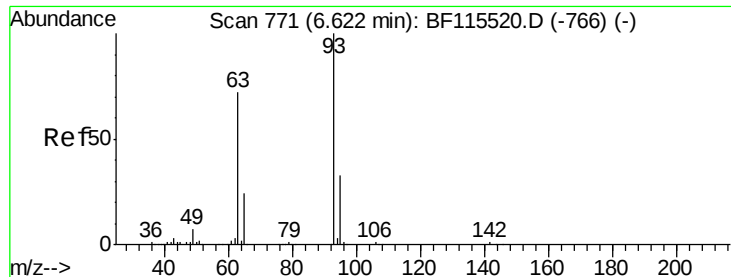
Ion Ratio Lower Upper

94 100

65 29.1 14.5 54.5

66 39.0 31.3 71.3

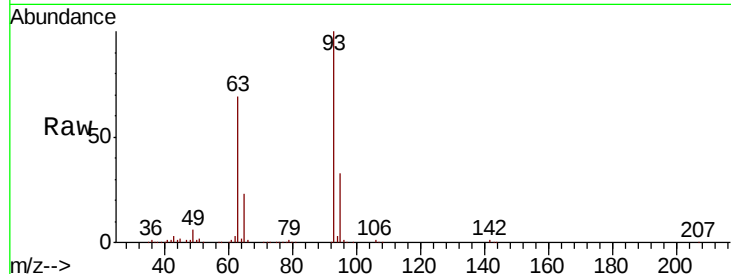




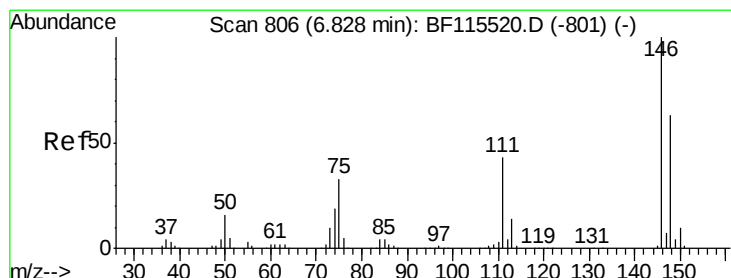
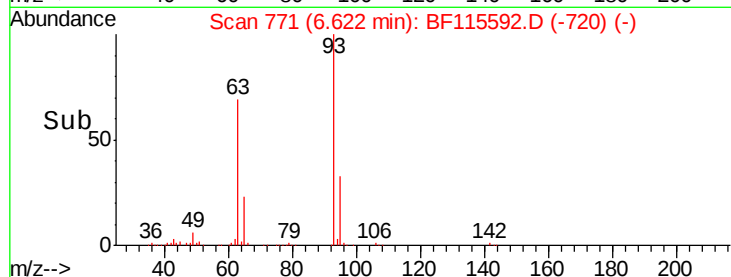
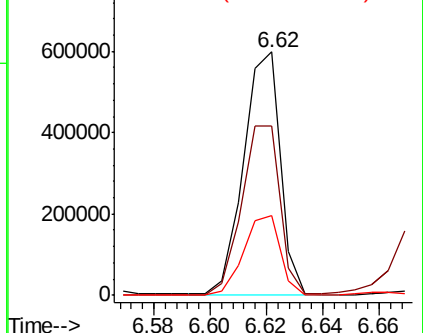
#11
bis(2-Chloroethyl)ether
Concen: 41.575 ng
RT: 6.62 min Scan# 771
Delta R.T. 0.00 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
93	100		
63	69.3	52.2	92.2
95	32.8	12.9	52.9

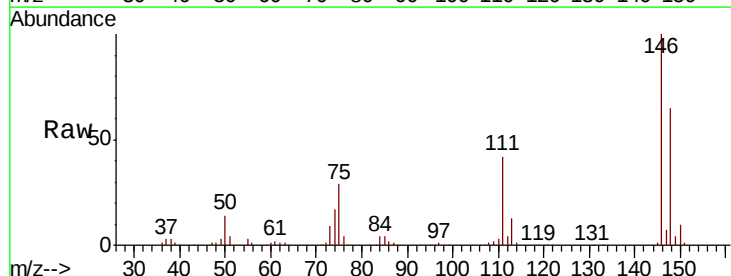


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

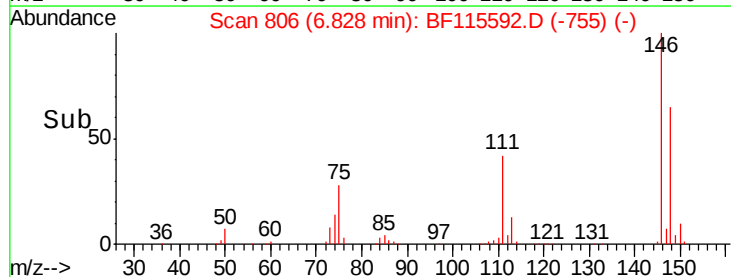
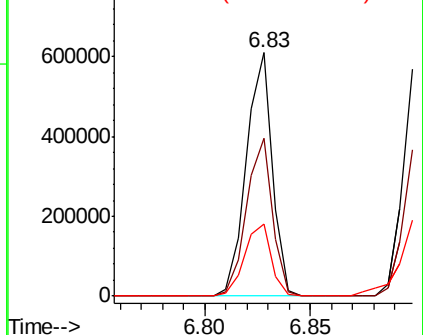


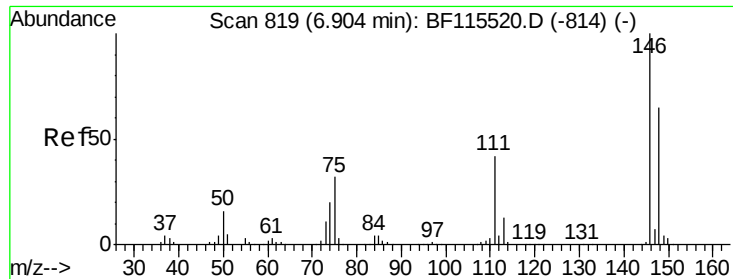
#12
1,3-Dichlorobenzene
Concen: 34.908 ng
RT: 6.83 min Scan# 806
Delta R.T. 0.00 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	52.1	78.1
75	29.4	24.9	37.3



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

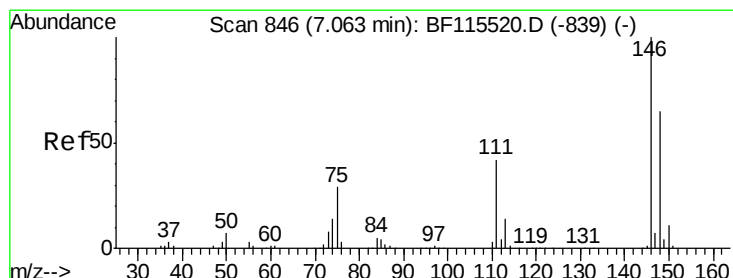
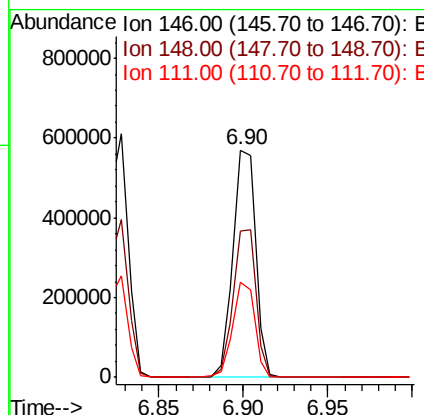
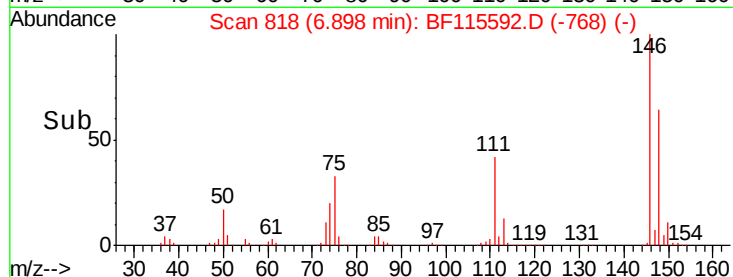
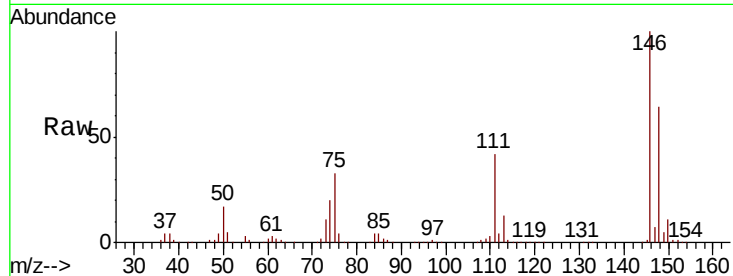




#13
 1,4-Dichlorobenzene
 Concen: 35.791 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

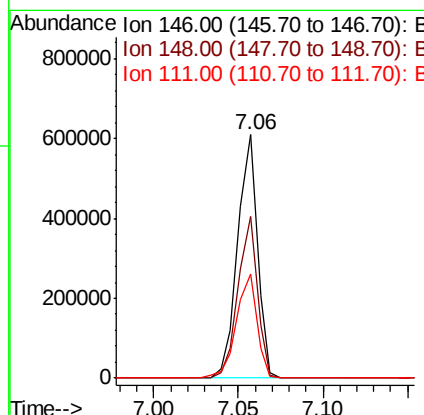
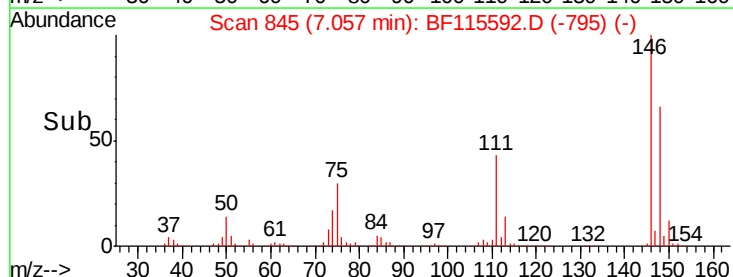
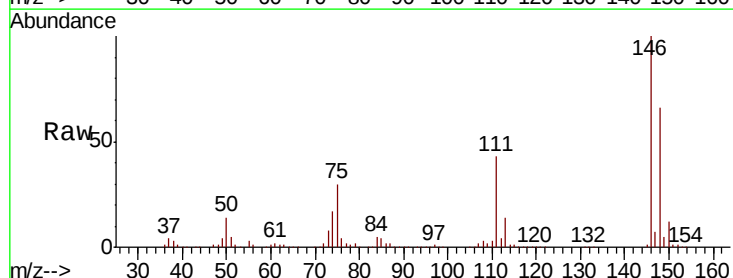
Instrument :
 BNA_F
 ClientSampleId :

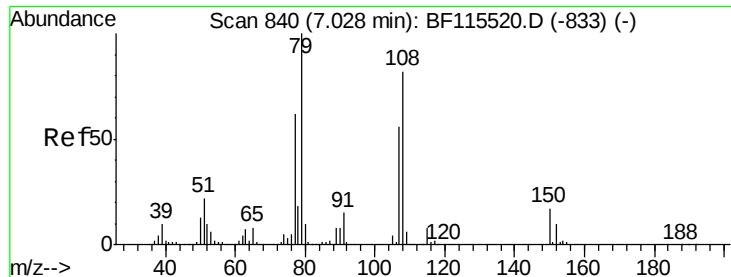
Tot Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.8	77.6
111	41.8	35.5	53.3



#14
 1,2-Dichlorobenzene
 Concen: 36.442 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.4	51.1	76.7
111	43.0	37.6	56.4





#15

Benzyl Alcohol

Concen: 37.566 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampled :

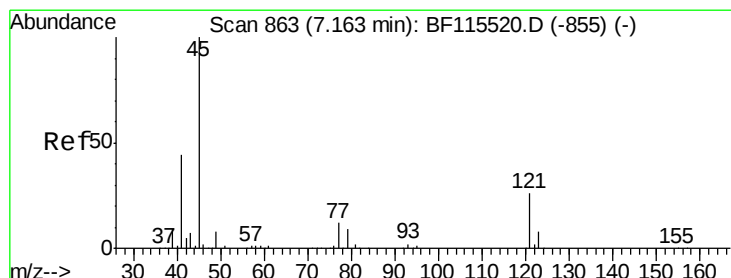
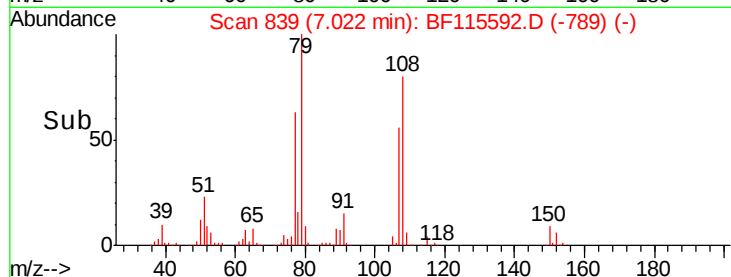
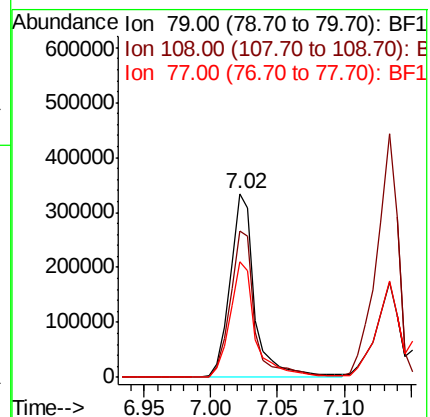
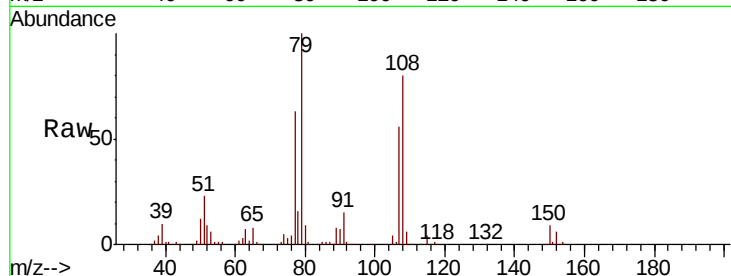
Tot Ion: 79 Resp: 436493

Ion Ratio Lower Upper

79 100

108 79.9 64.2 96.4

77 62.7 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 35.819 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

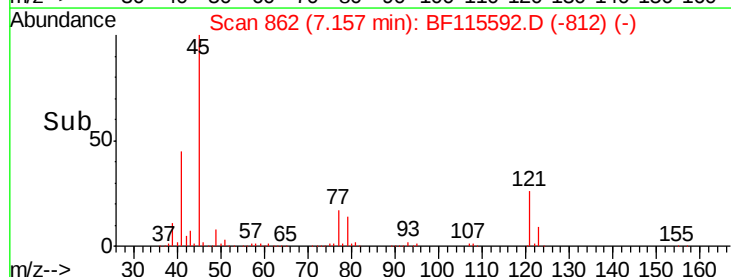
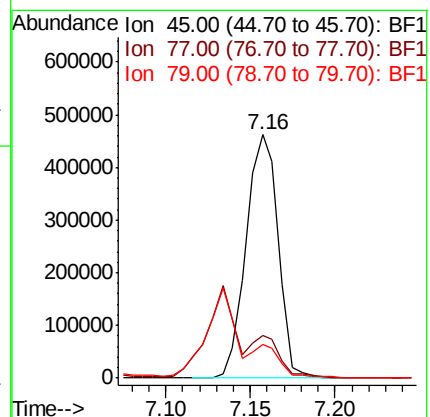
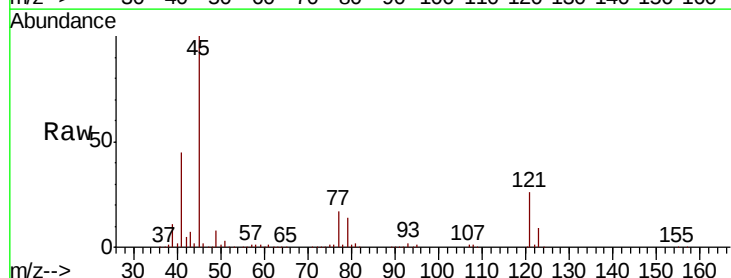
Tgt Ion: 45 Resp: 610471

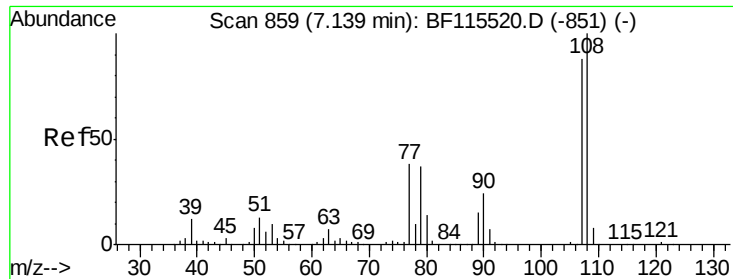
Ion Ratio Lower Upper

45 100

77 17.3 0.0 38.1

79 13.6 0.0 34.1

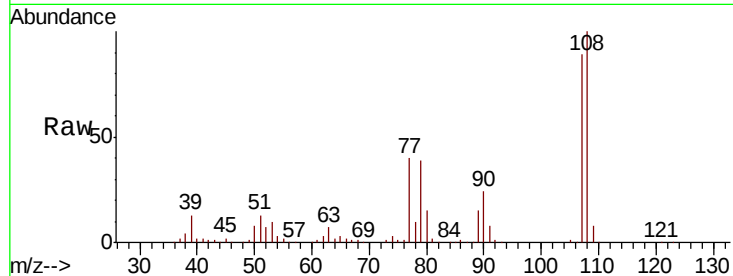




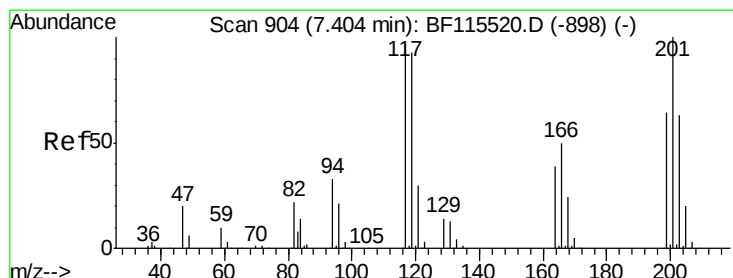
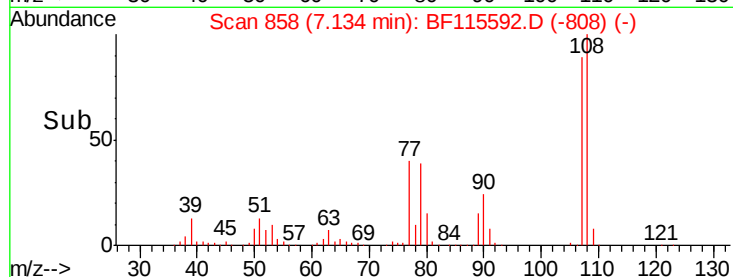
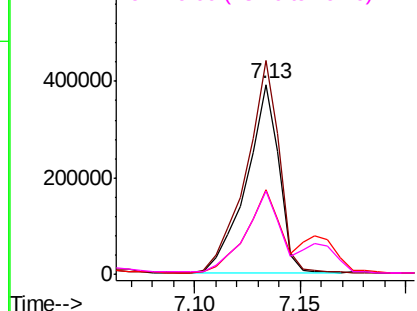
#17
2-Methylphenol
Concen: 36.980 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 422951
Ion Ratio Lower Upper
107 100
108 112.8 89.4 134.2
77 44.6 35.7 53.5
79 43.8 35.0 52.4

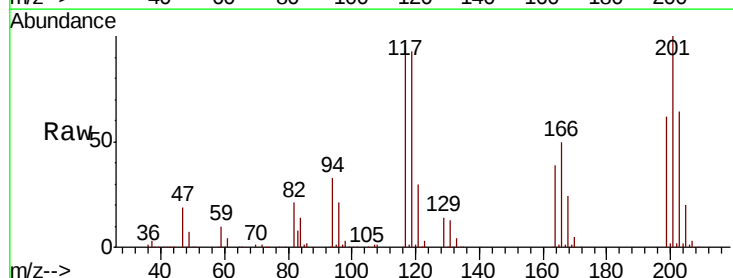


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

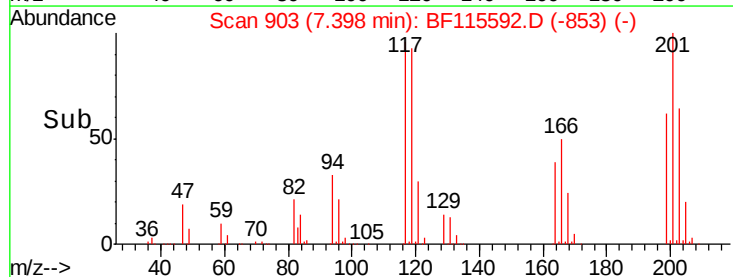
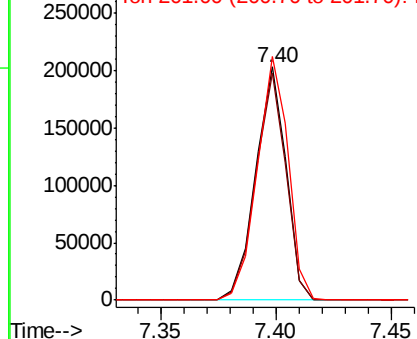


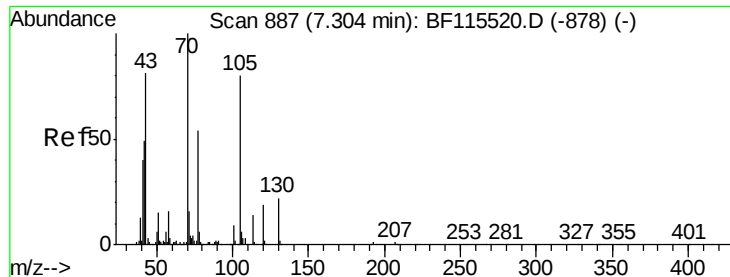
#18
Hexachloroethane
Concen: 33.868 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion:117 Resp: 187152
Ion Ratio Lower Upper
117 100
119 97.5 77.7 116.5
201 104.4 86.0 129.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

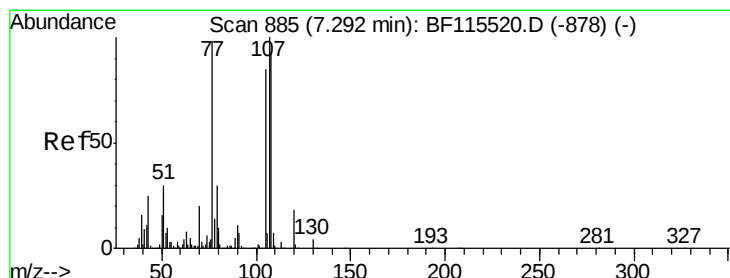
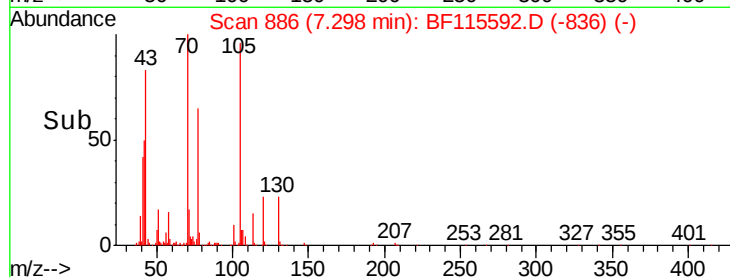
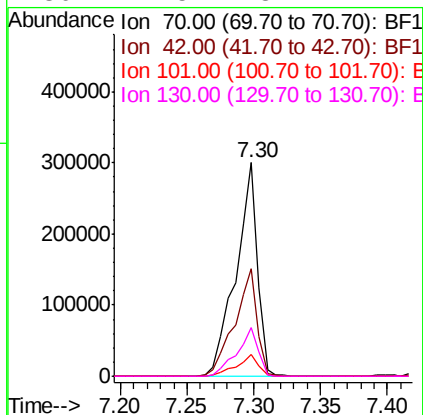
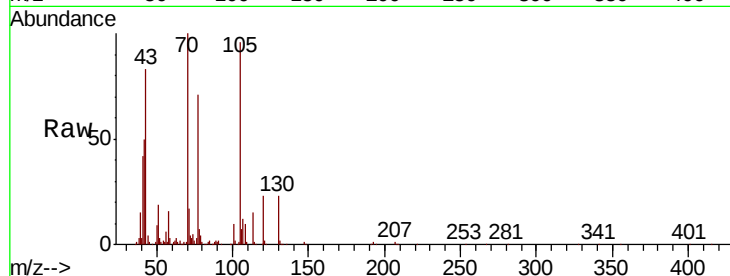




#19
n-Nitroso-di-n-propylamine
Concen: 35.645 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

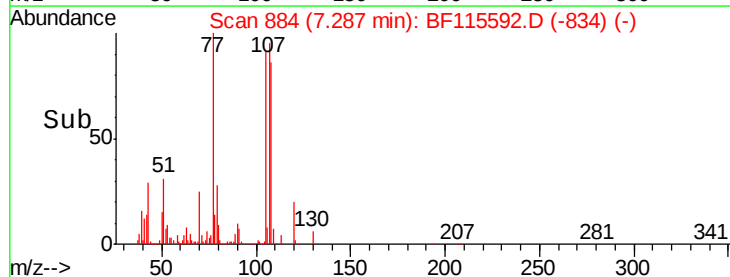
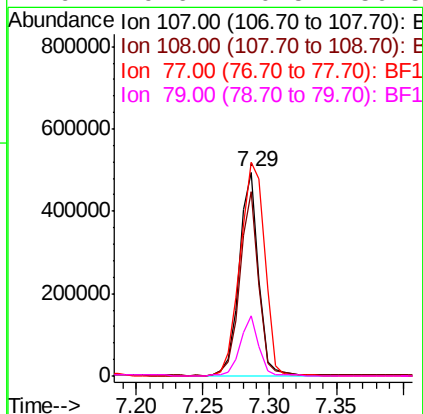
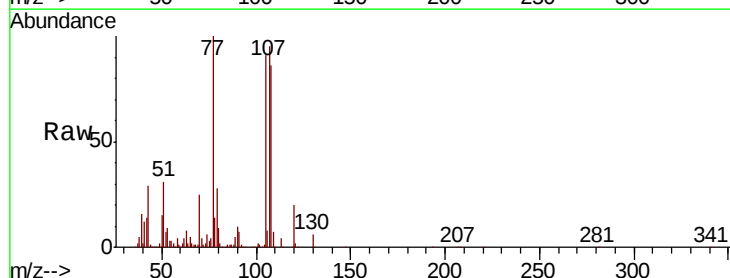
Instrument :
BNA_F
ClientSampleId :

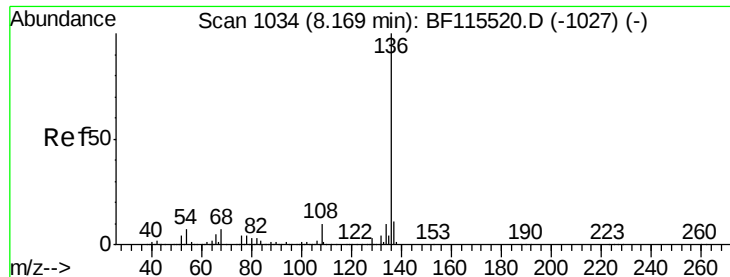
Tot Ion:	70	Resp:	340508
Ion	Ratio	Lower	Upper
70	100		
42	50.1	39.6	59.4
101	10.0	8.1	12.1
130	22.5	18.2	27.2



#20
3+4-Methylphenols
Concen: 36.603 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion:	107	Resp:	497264
Ion	Ratio	Lower	Upper
107	100		
108	90.3	72.9	112.9
77	104.9	77.6	117.6
79	29.6	10.5	50.5

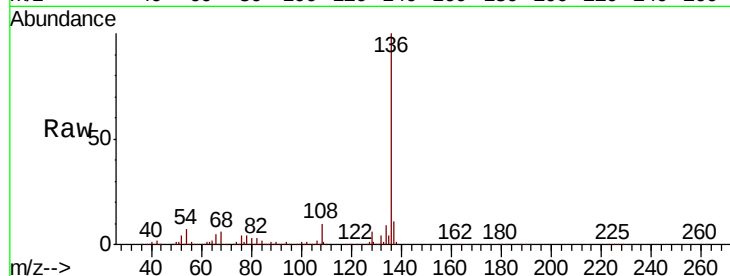




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 760832
Ion Ratio	Lower Upper
136 100	
137 11.5	9.0 13.4
54 6.8	5.6 8.4
68 6.2	5.0 7.6



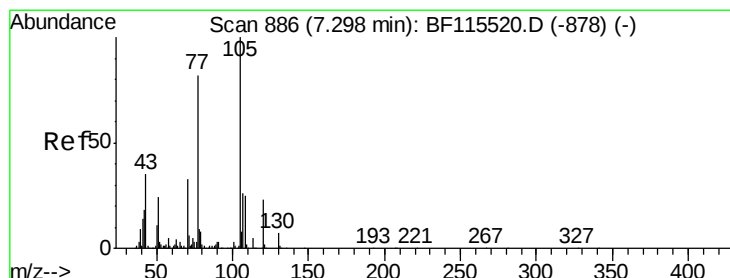
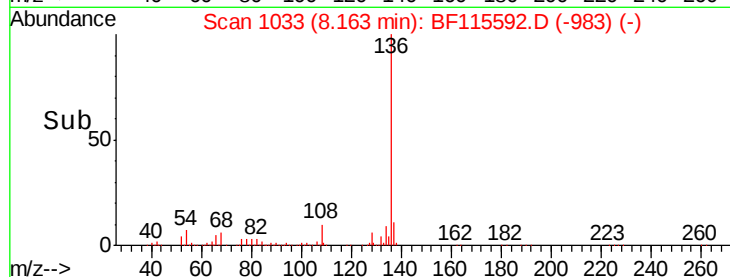
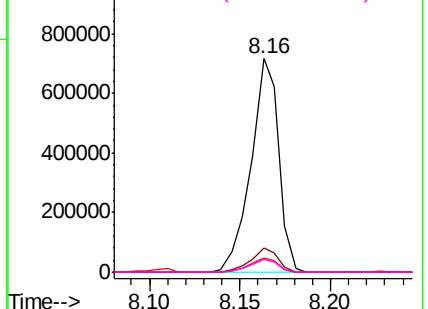
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

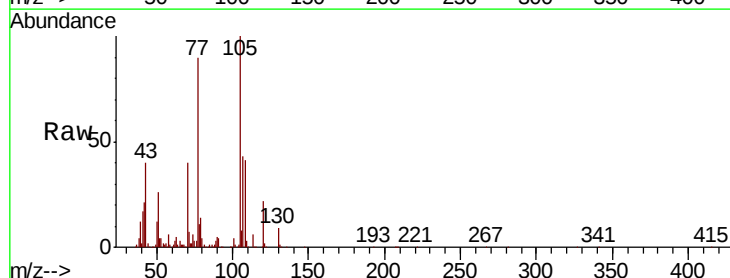
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 39.045 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt	Ion:105	Resp:	671114
Ion	Ratio	Lower	Upper
105	100		
71	6.8	3.5	5.3#
51	26.5	25.6	38.4
120	22.5	17.9	26.9



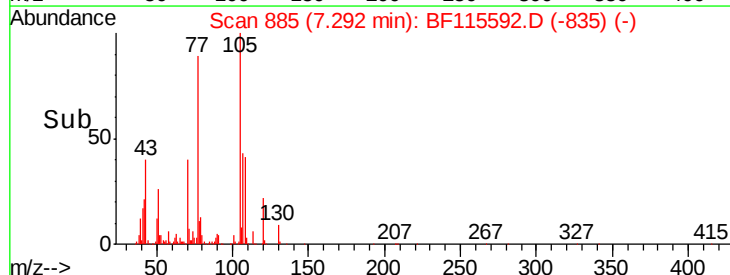
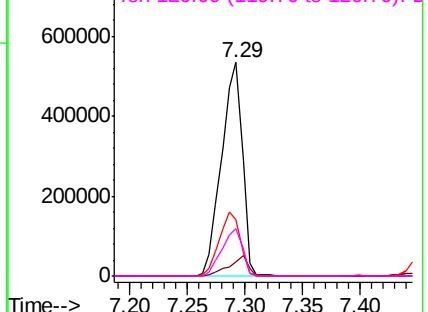
Abundance

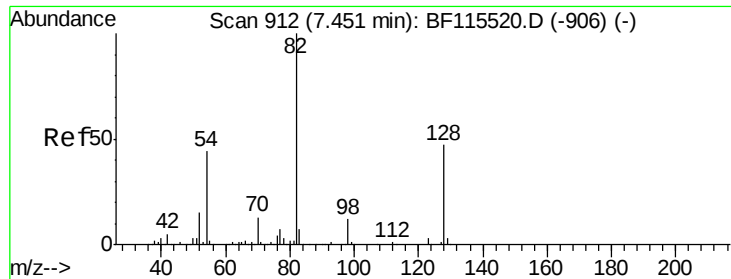
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

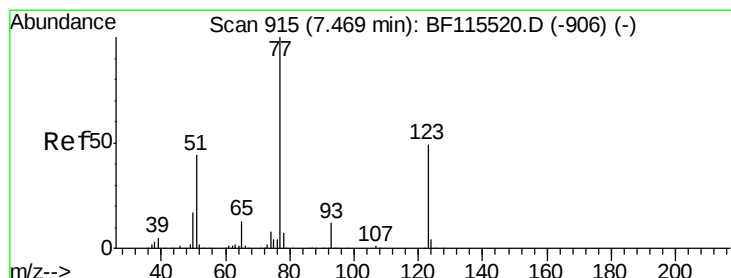
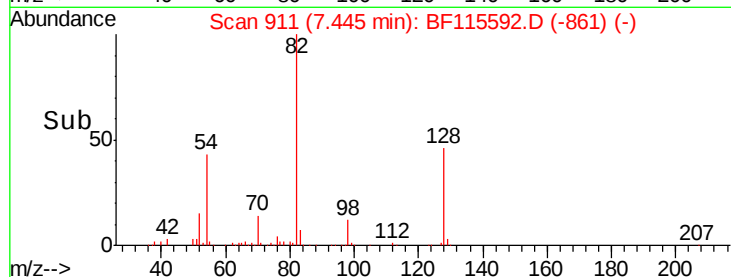
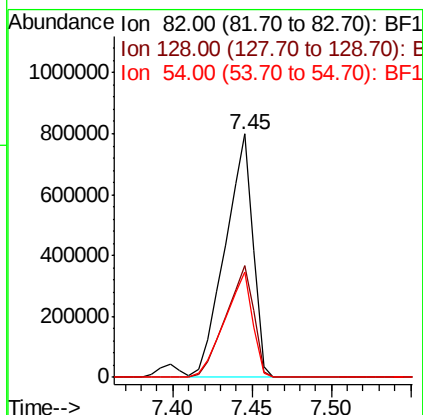
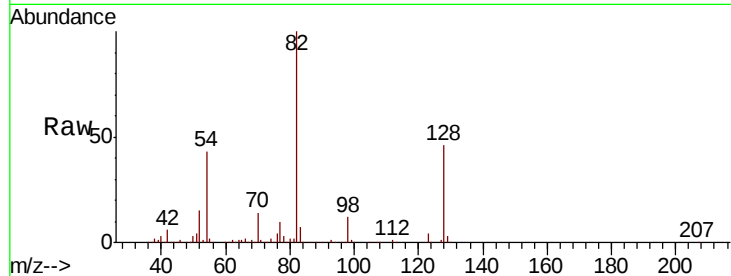




#23
Nitrobenzene-d5
Concen: 74.339 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

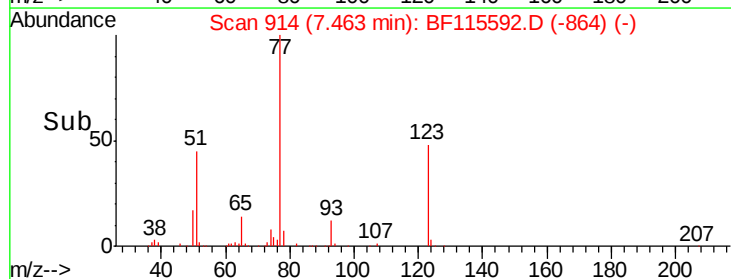
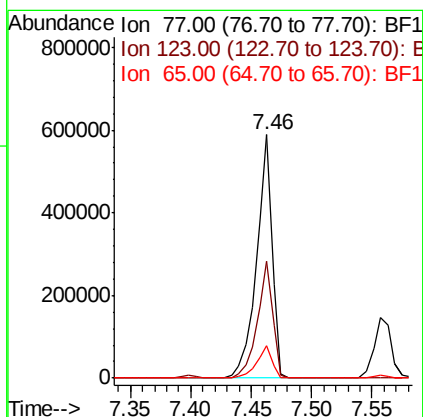
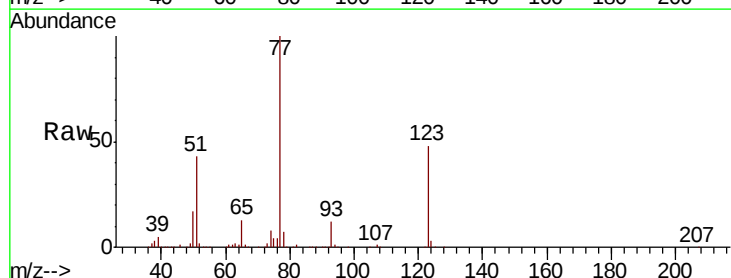
Instrument :
BNA_F
ClientSampleId :

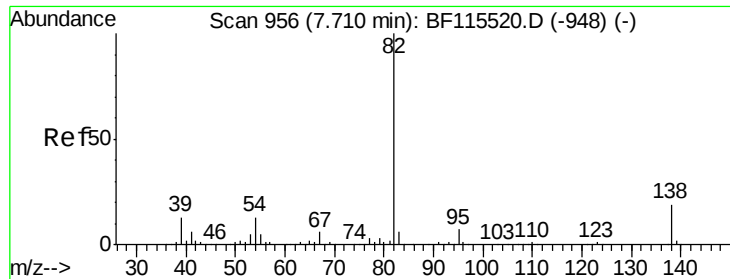
Tot Ion: 82 Resp: 972699
Ion Ratio Lower Upper
82 100
128 46.1 38.6 57.8
54 43.4 35.6 53.4



#24
Nitrobenzene
Concen: 37.659 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion: 77 Resp: 531479
Ion Ratio Lower Upper
77 100
123 48.0 40.0 60.0
65 13.1 11.0 16.4





#25

Isophorone

Concen: 38.036 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampleId :

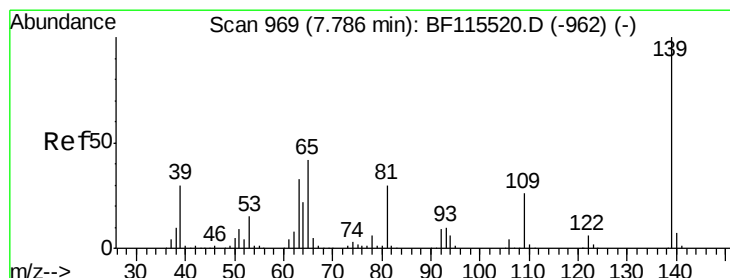
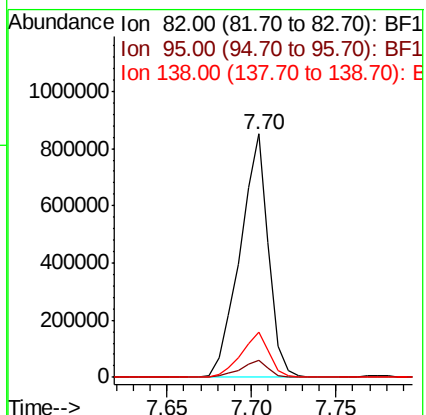
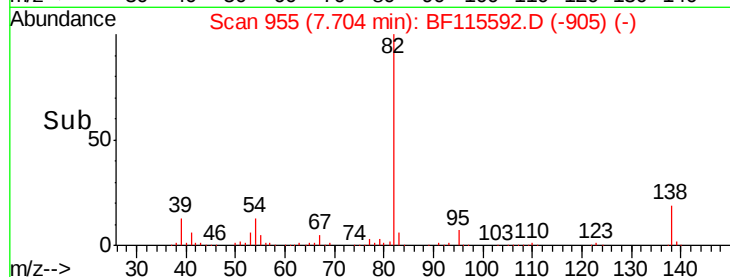
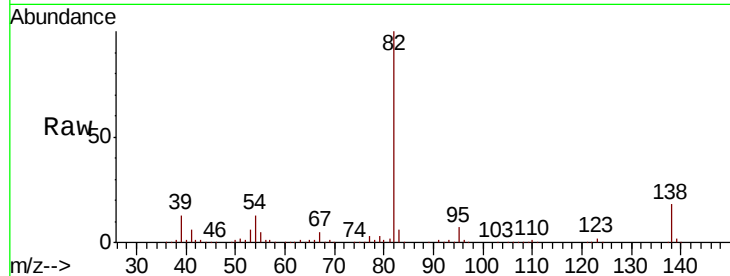
Tot Ion: 82 Resp: 995872

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 18.5 14.9 22.3



#26

2-Nitrophenol

Concen: 38.532 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

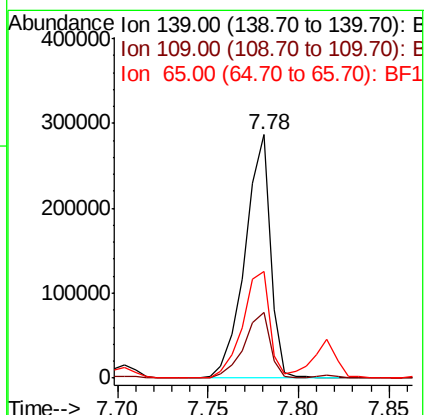
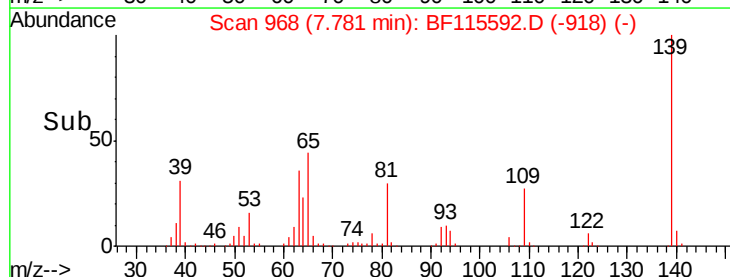
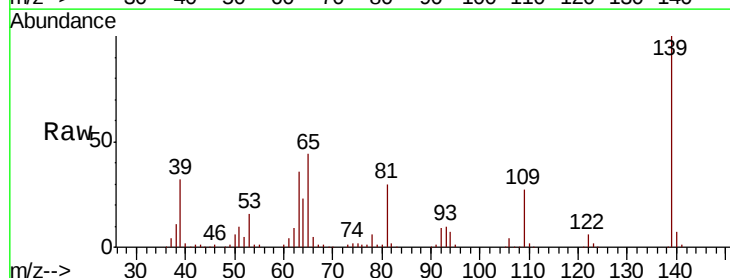
Tgt Ion: 139 Resp: 279904

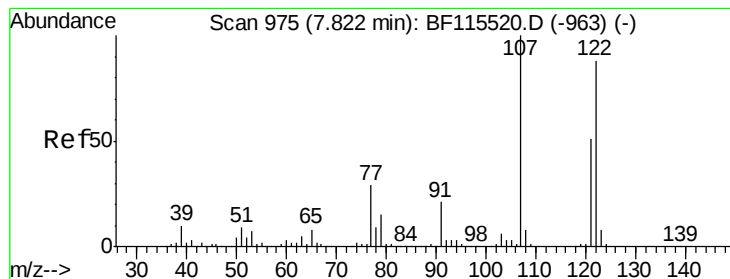
Ion Ratio Lower Upper

139 100

109 27.0 23.3 34.9

65 43.8 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 43.014 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampleId :

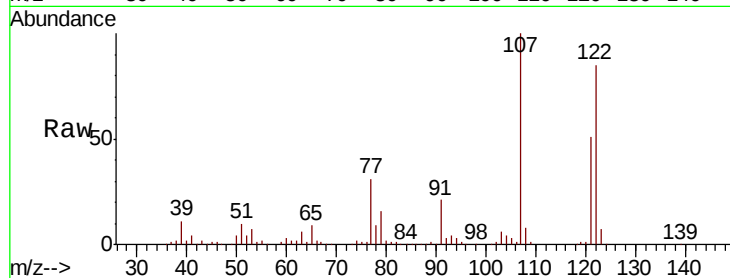
Tot Ion:122 Resp: 467522

Ion Ratio Lower Upper

122 100

107 117.8 92.9 139.3

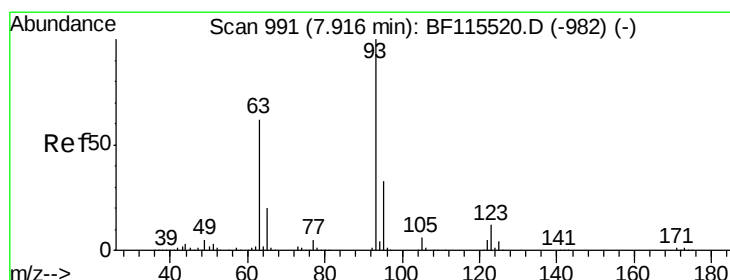
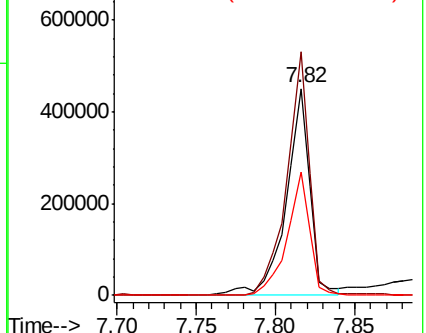
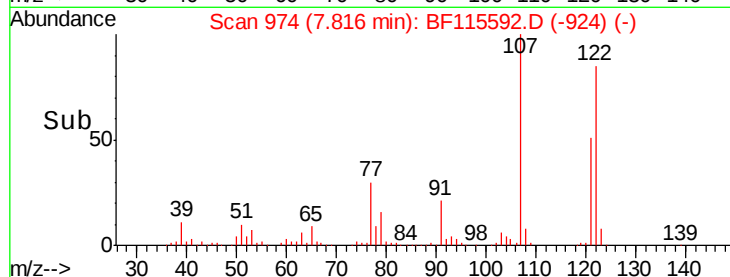
121 59.9 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 37.216 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

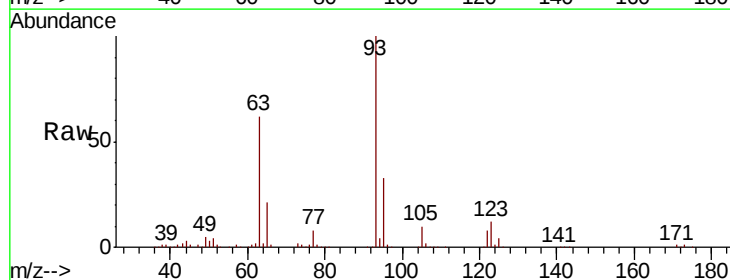
Tgt Ion: 93 Resp: 597790

Ion Ratio Lower Upper

93 100

95 33.0 27.0 40.4

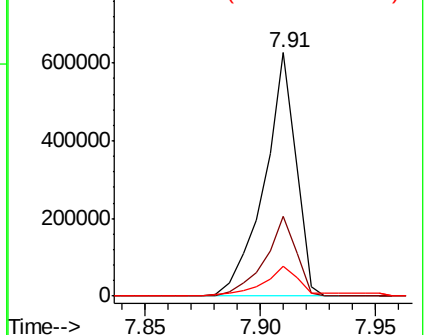
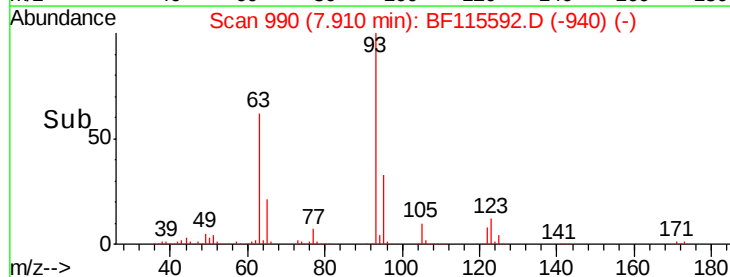
123 12.1 9.9 14.9

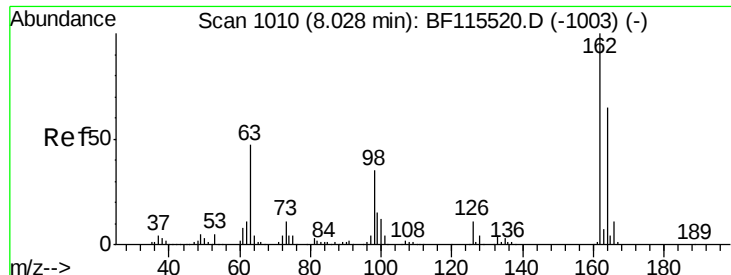


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

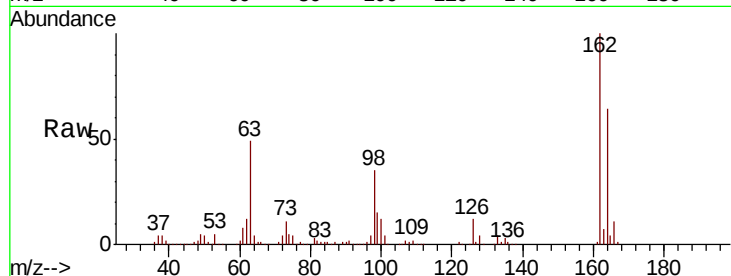




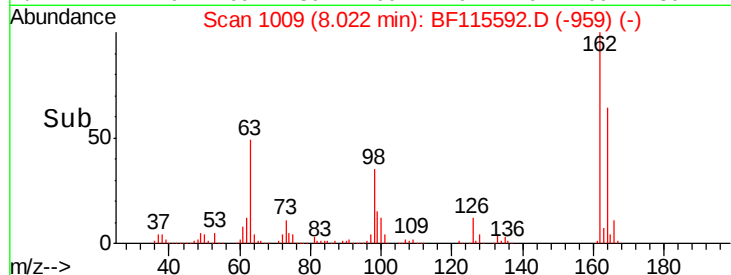
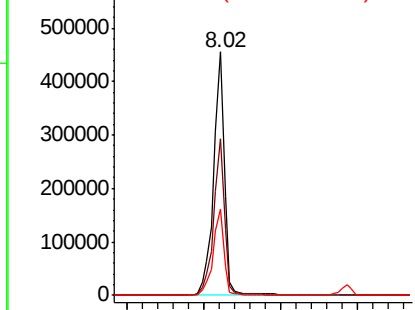
#29
 2,4-Dichlorophenol
 Concen: 38.801 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:162 Resp: 438594
 Ion Ratio Lower Upper
 162 100
 164 64.2 44.9 84.9
 98 35.5 17.7 57.7

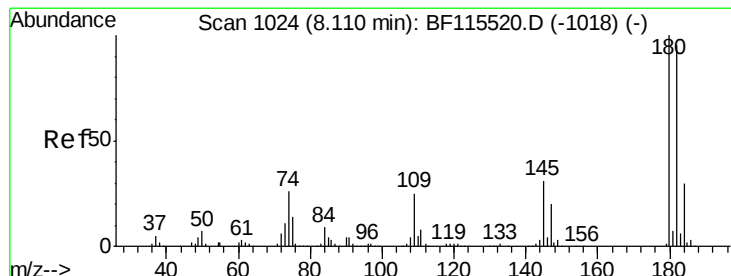


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

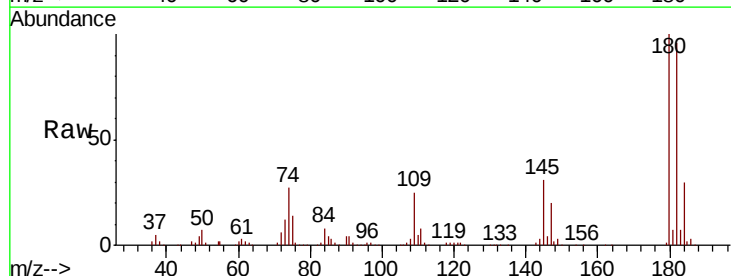
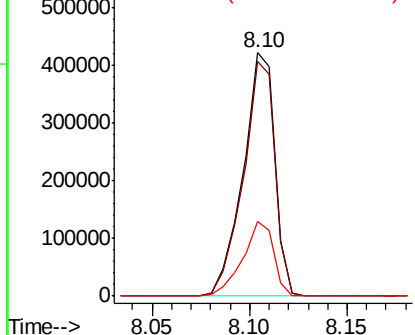


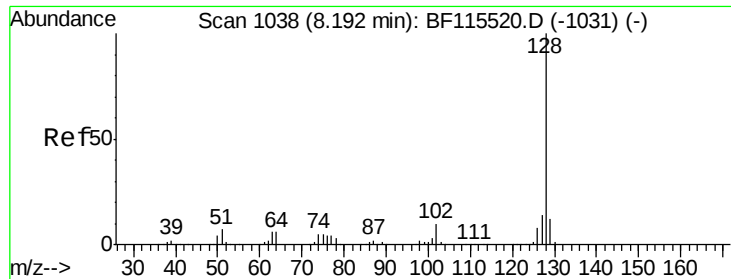
#30
 1,2,4-Trichlorobenzene
 Concen: 37.245 ng
 RT: 8.10 min Scan# 1023
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Tgt Ion:180 Resp: 475896
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.0 112.6
 145 30.8 25.1 37.7



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

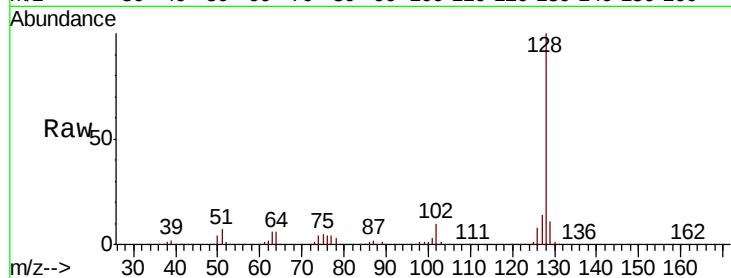




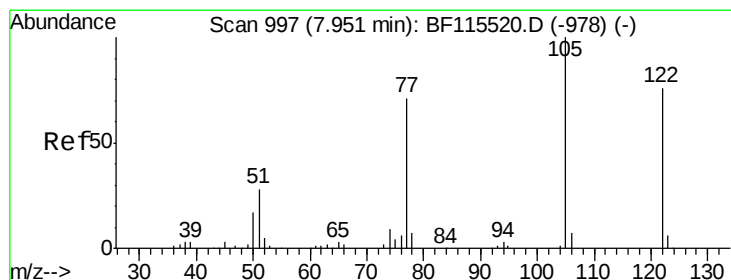
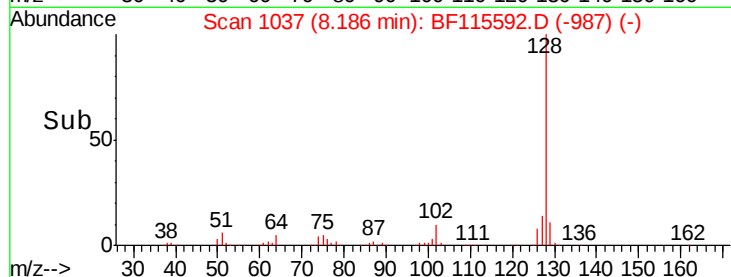
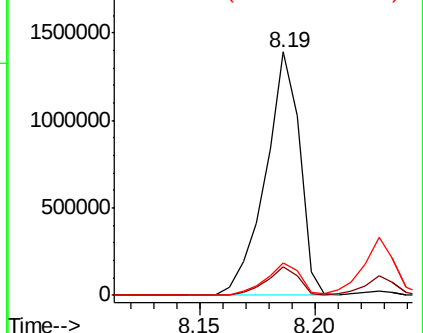
#31
Naphthalene
Concen: 38.883 ng
RT: 8.19 min Scan# 1037
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1432750
Ion Ratio Lower Upper
128 100
129 11.5 9.9 14.9
127 13.5 12.1 18.1

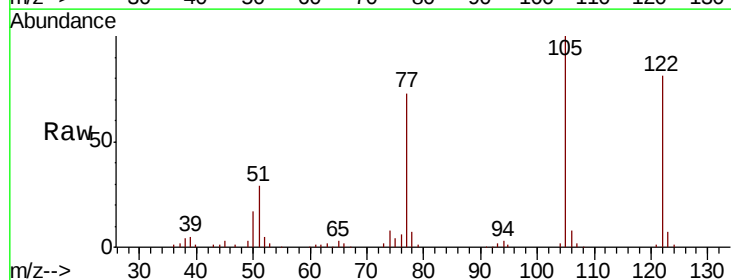


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

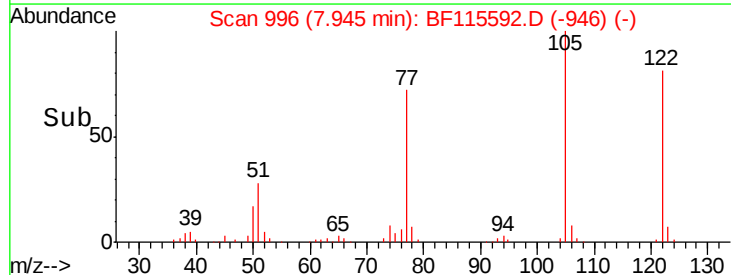
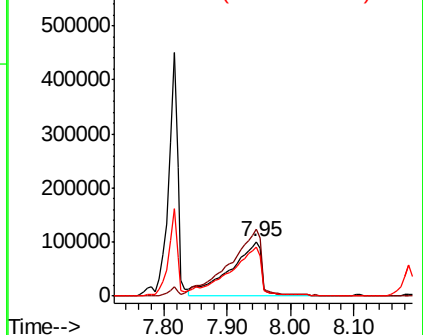


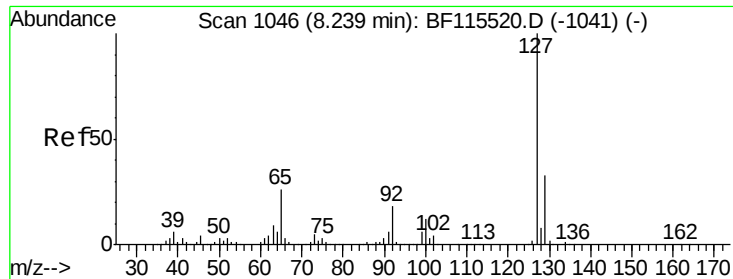
#32
Benzoic acid
Concen: 39.219 ng
RT: 7.95 min Scan# 996
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion:122 Resp: 349824
Ion Ratio Lower Upper
122 100
105 124.0 102.5 142.5
77 90.0 70.2 110.2



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

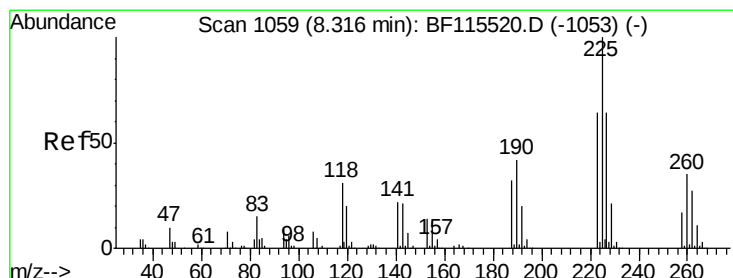
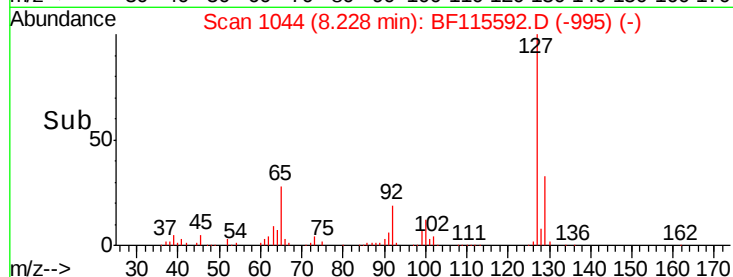
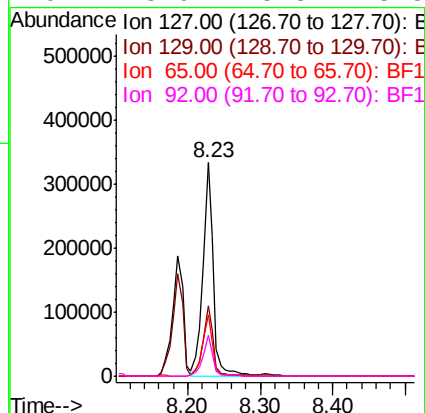
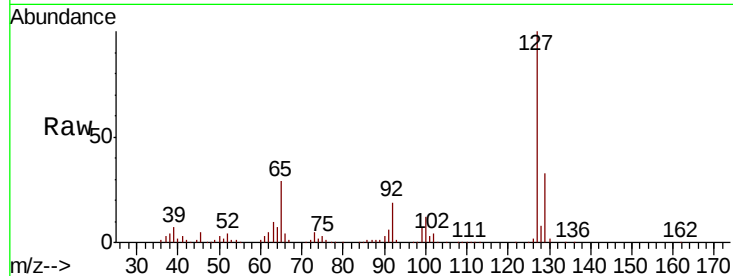




#33
4-Chloroaniline
Concen: 20.561 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

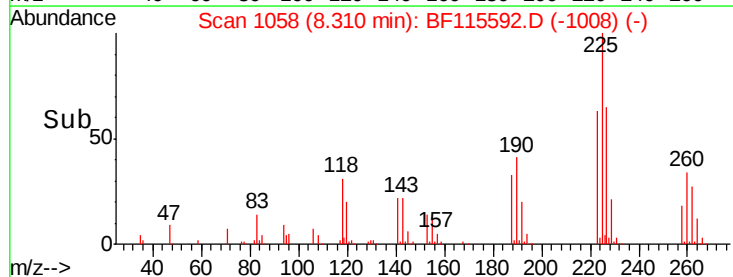
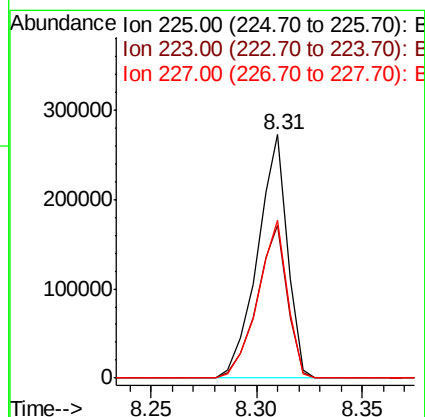
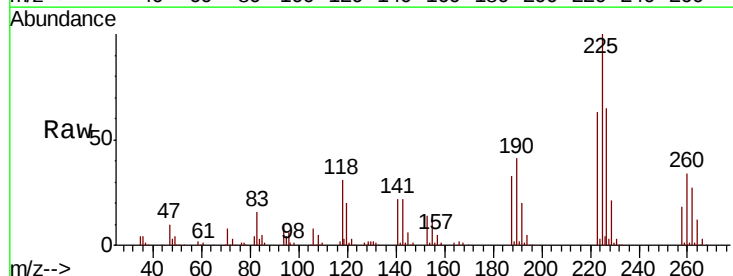
Instrument :
BNA_F
ClientSampled :

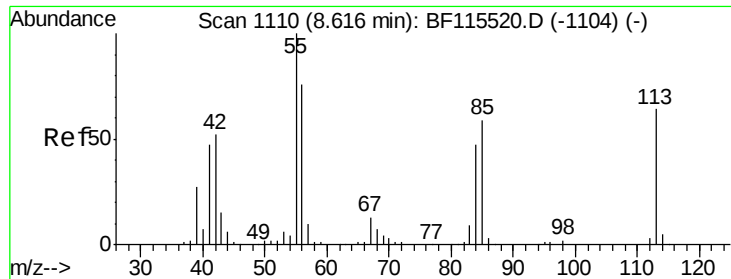
Tot Ion:	127	Resp:	335592
Ion	Ratio	Lower	Upper
127	100		
129	32.7	26.6	39.8
65	28.9	23.7	35.5
92	18.9	15.8	23.8



#34
Hexachlorobutadiene
Concen: 36.601 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion:	225	Resp:	268189
Ion	Ratio	Lower	Upper
225	100		
223	62.7	50.9	76.3
227	64.9	50.7	76.1

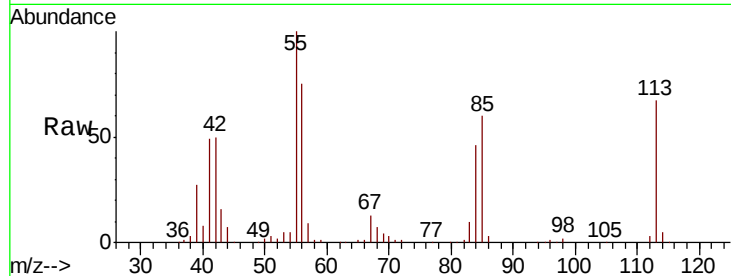




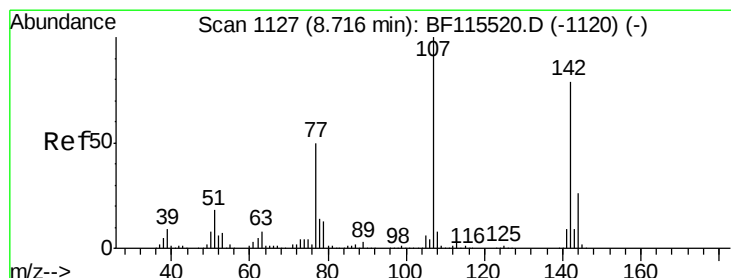
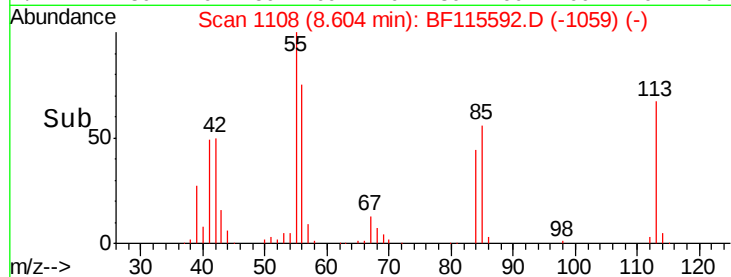
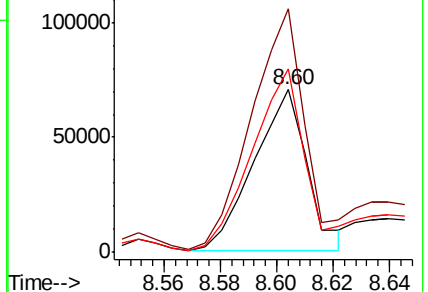
#35
Caprolactam
Concen: 26.261 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 91730
Ion Ratio Lower Upper
113 100
55 149.5 126.9 166.9
56 112.8 90.3 130.3

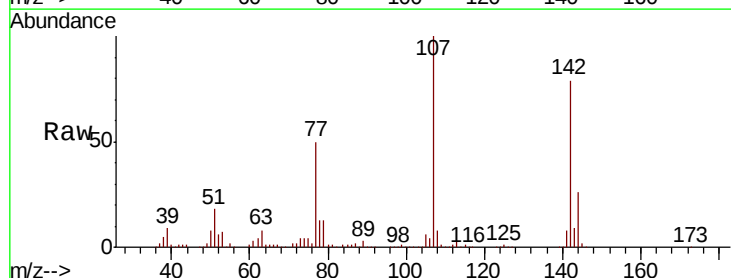


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

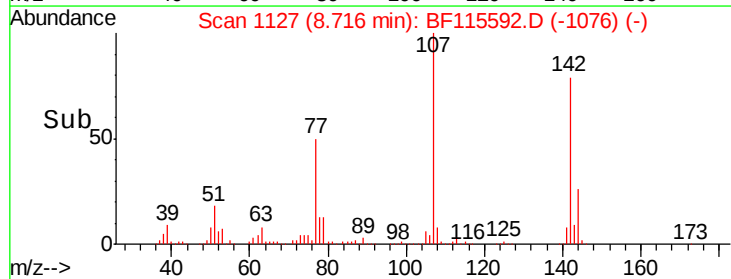
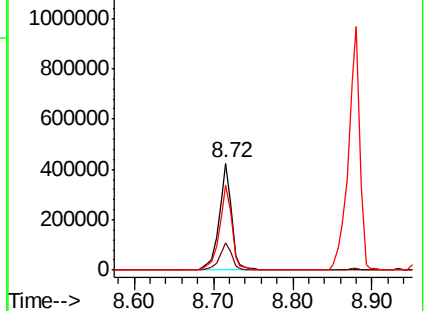


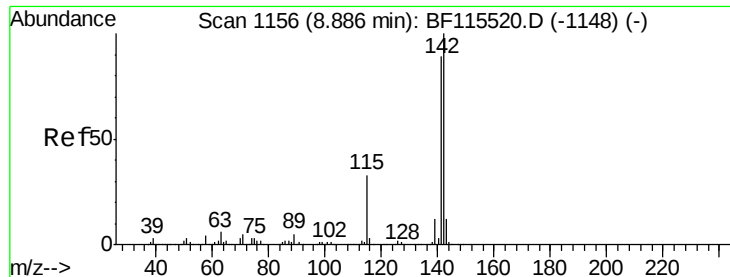
#36
4-Chloro-3-methylphenol
Concen: 39.113 ng
RT: 8.72 min Scan# 1127
Delta R.T. 0.00 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion:107 Resp: 458611
Ion Ratio Lower Upper
107 100
144 25.9 20.6 30.8
142 79.4 63.1 94.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E

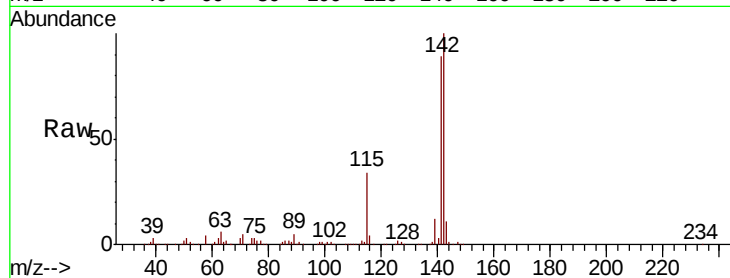




#37
2-Methylnaphthalene
Concen: 39.649 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.8	72.0	108.0
115	33.8	29.9	44.9

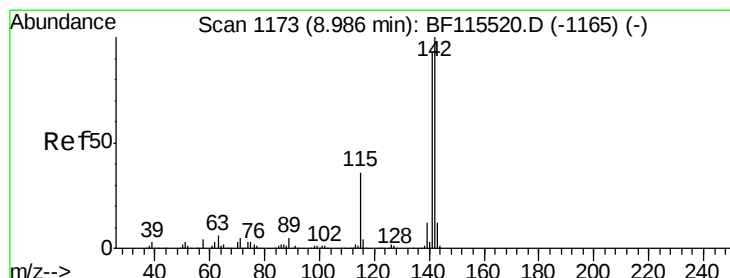
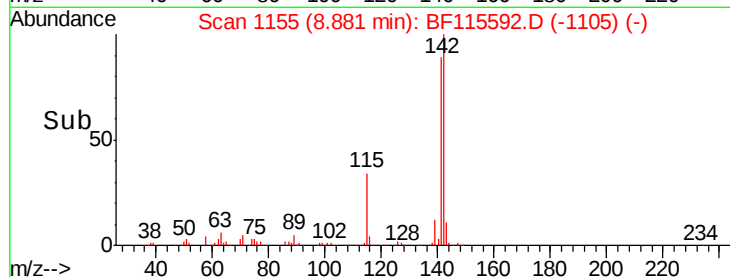
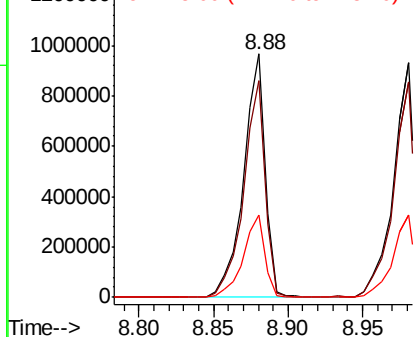


Abundance

Ion 142.00 (141.70 to 142.70): E

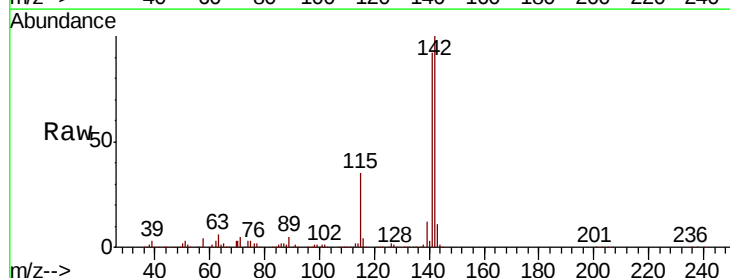
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.518 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.5	75.3	112.9
116	3.7	3.3	4.9

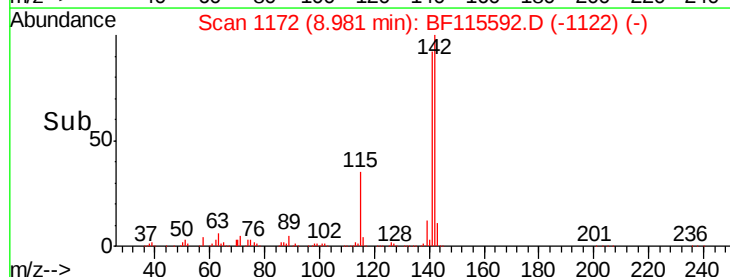
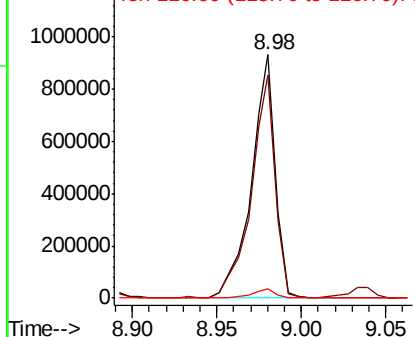


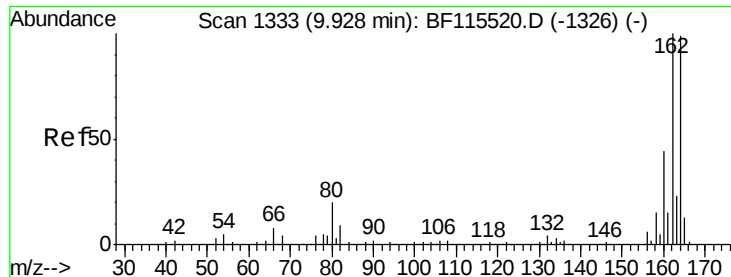
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampled :

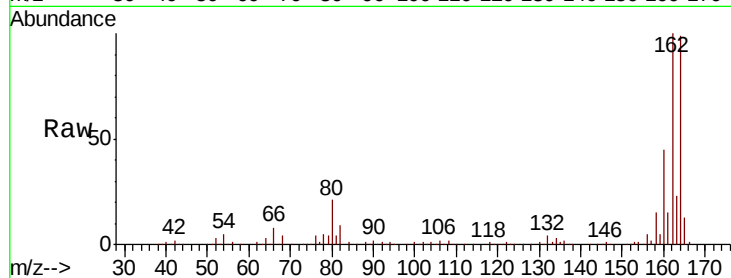
Tot Ion:164 Resp: 375974

Ion Ratio Lower Upper

164 100

162 100.6 82.9 124.3

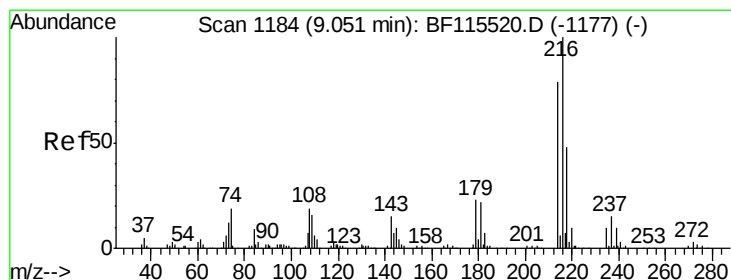
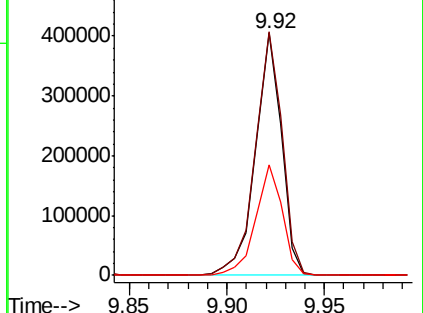
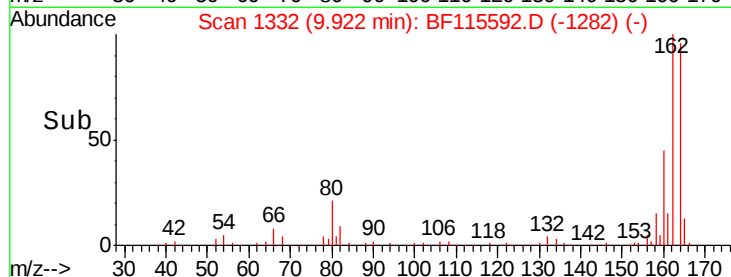
160 45.5 36.8 55.2



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.167 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Tgt Ion:216 Resp: 443441

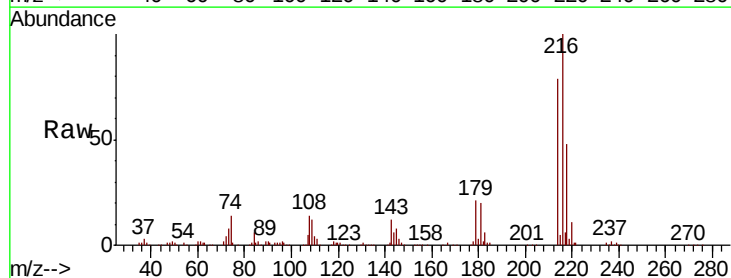
Ion Ratio Lower Upper

216 100

214 79.7 65.1 97.7

179 21.6 18.3 27.5

108 19.9 15.7 23.5

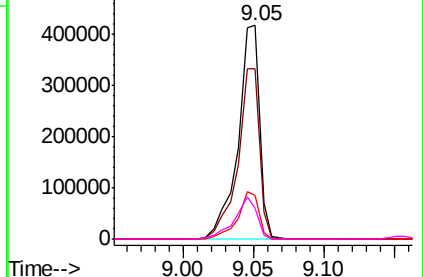
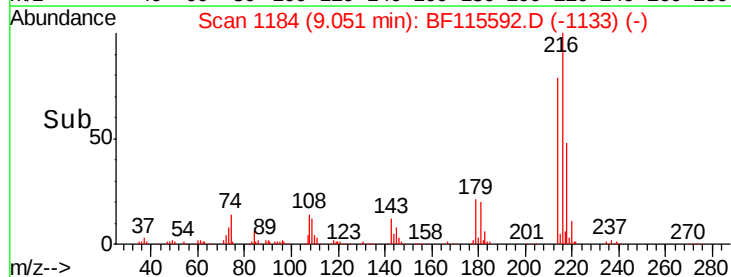


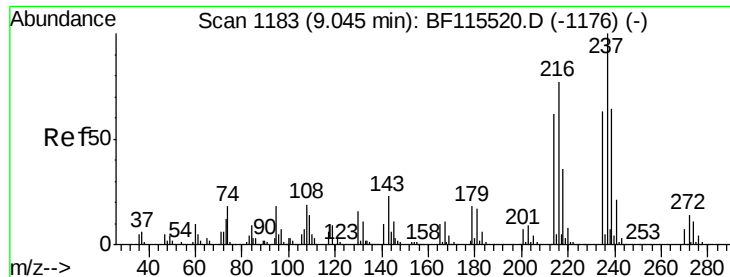
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

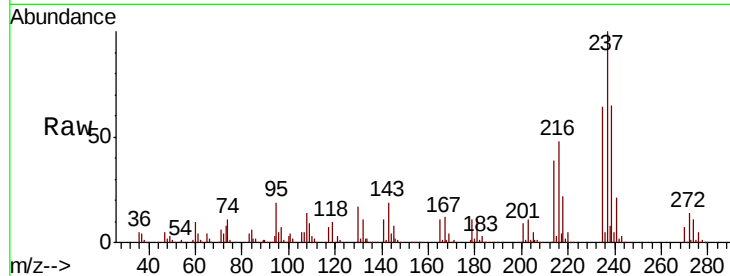




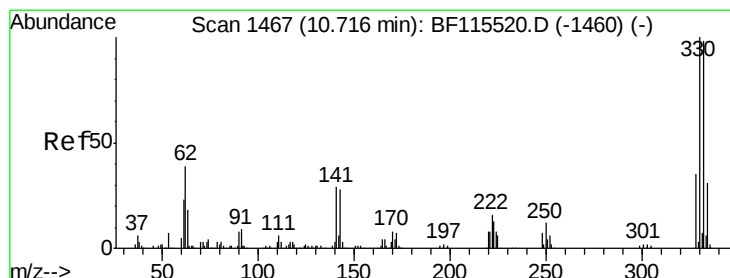
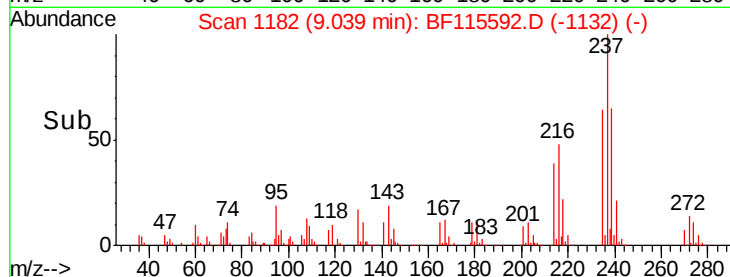
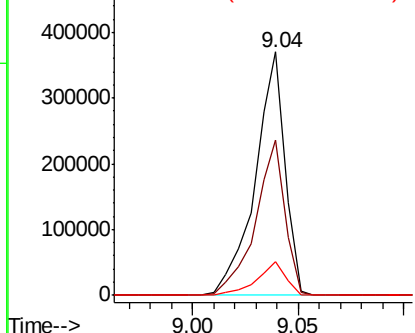
#41
 Hexachlorocyclopentadiene
 Concen: 56.352 ng
 RT: 9.04 min Scan# 1182
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	237	Resp:	363947
Ion Ratio	Lower	Upper	
237	100		
235	63.5	43.6	83.6
272	14.0	0.0	33.9

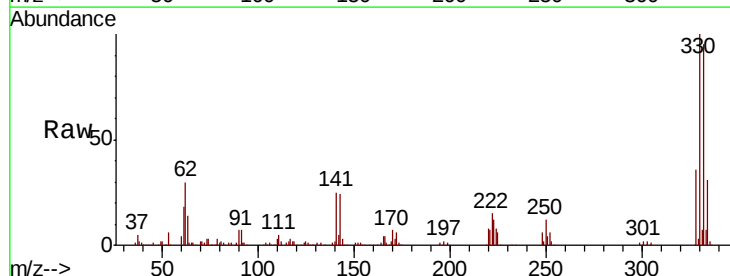


Abundance Ion 236.80 (236.50 to 237.50): E
 Ion 234.90 (234.60 to 235.60): E
 Ion 271.75 (271.45 to 272.45): E

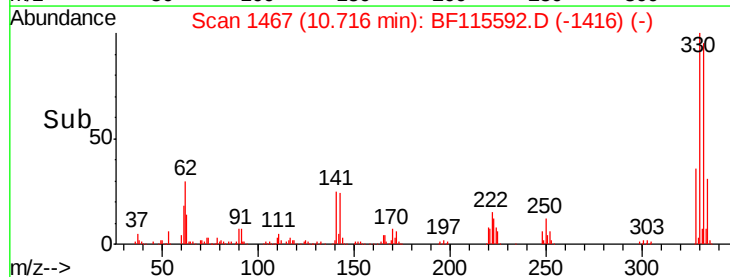
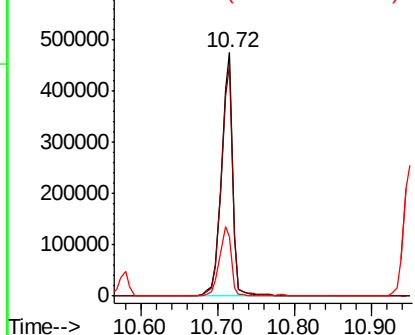


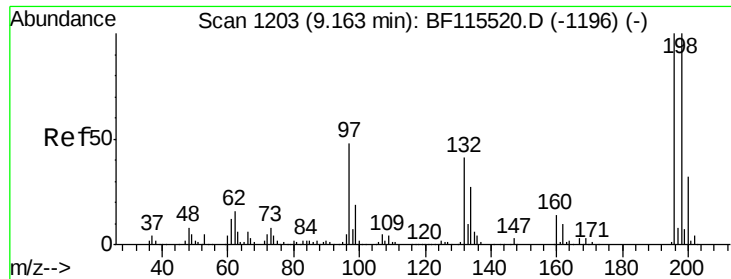
#42
 2,4,6-Tribromophenol
 Concen: 108.746 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.00 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Tgt Ion:	330	Resp:	477233
Ion Ratio	Lower	Upper	
330	100		
332	96.4	77.4	116.2
141	30.3	22.4	33.6



Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

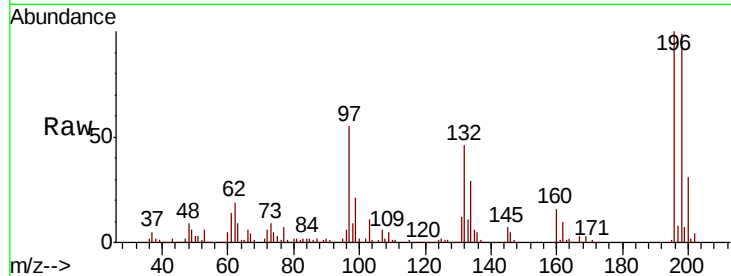




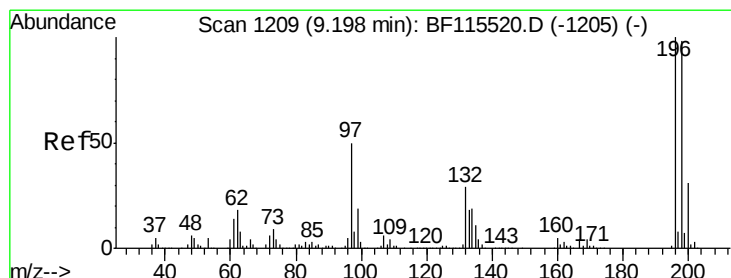
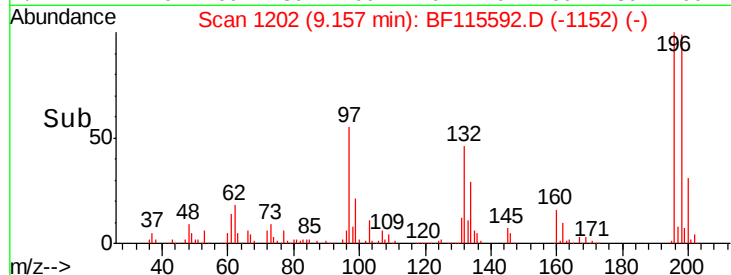
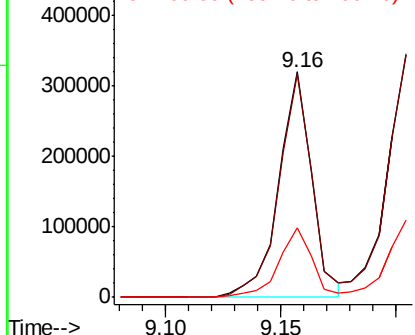
#43
 2,4,6-Trichlorophenol
 Concen: 38.043 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 314983
 Ion Ratio Lower Upper
 196 100
 198 98.7 80.6 121.0
 200 30.8 25.8 38.6



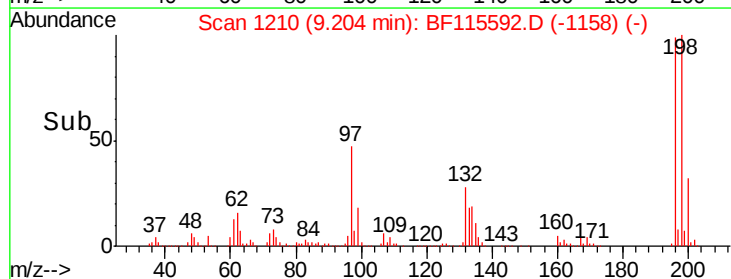
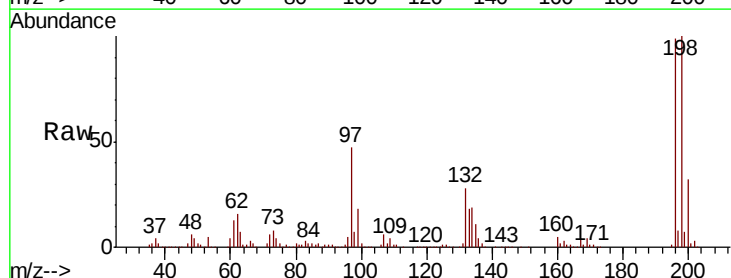
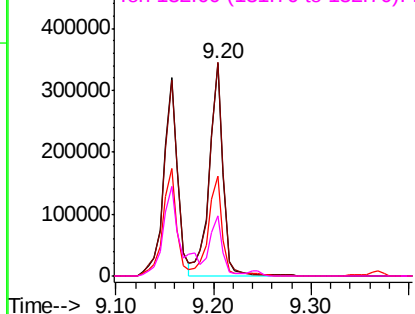
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

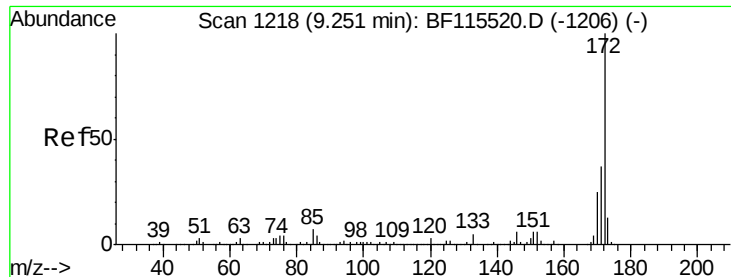


#44
 2,4,5-Trichlorophenol
 Concen: 39.281 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Tgt Ion:196 Resp: 333074
 Ion Ratio Lower Upper
 196 100
 198 100.7 79.6 119.4
 97 47.0 37.8 56.6
 132 28.2 22.8 34.2

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

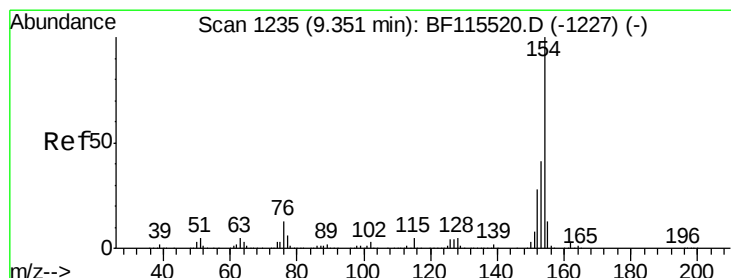
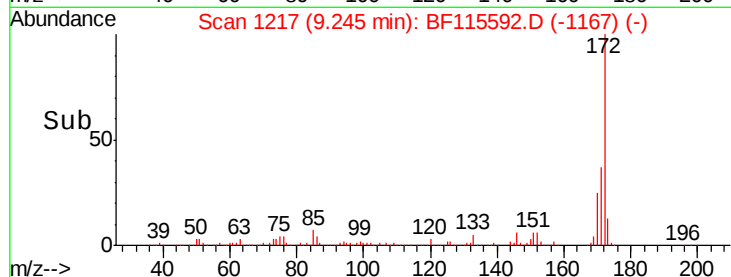
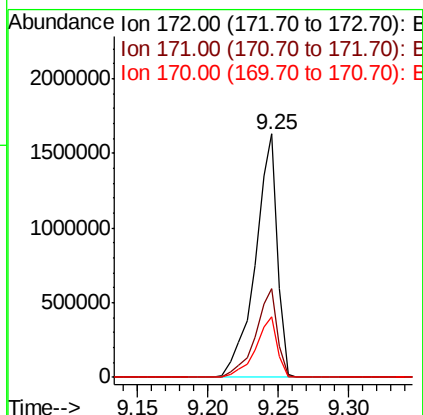
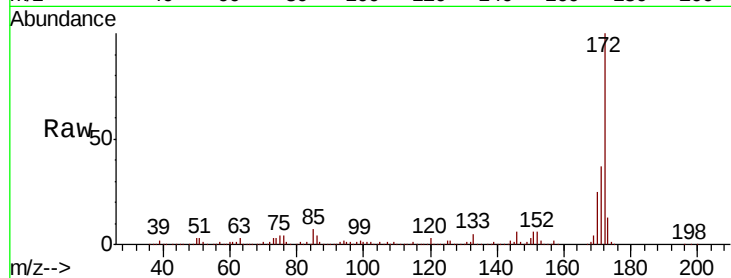




#45
2-Fluorobiphenyl
Concen: 83.615 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

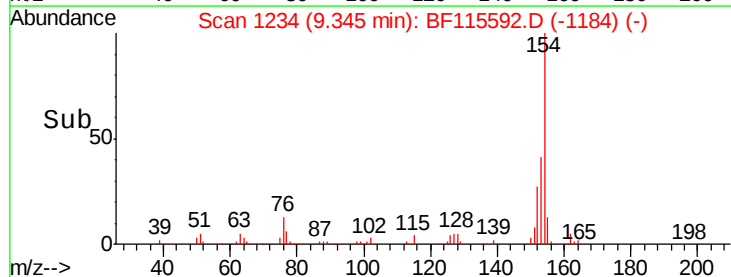
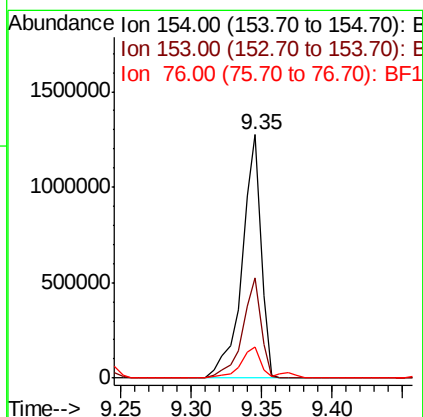
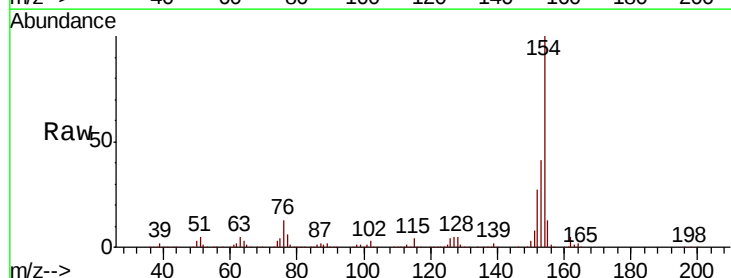
Instrument :
BNA_F
ClientSampleId :

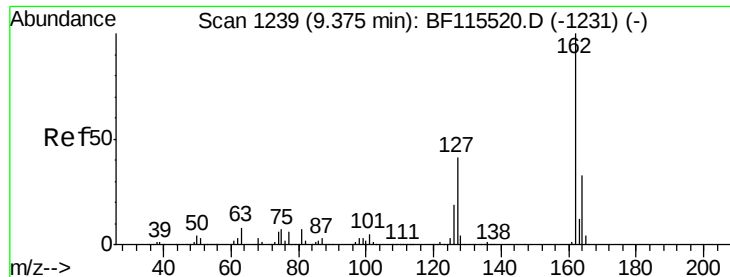
Tot Ion:172 Resp: 1796118
Ion Ratio Lower Upper
172 100
171 36.6 30.6 46.0
170 25.0 20.5 30.7



#46
1,1'-Biphenyl
Concen: 40.471 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion:154 Resp: 1189579
Ion Ratio Lower Upper
154 100
153 41.1 22.6 62.6
76 12.7 0.0 33.4

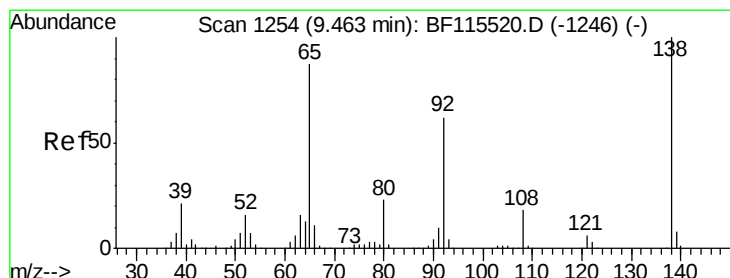
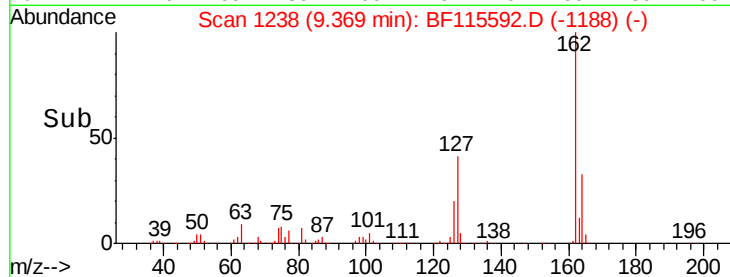
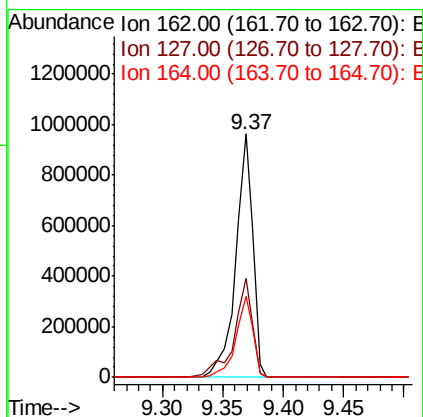
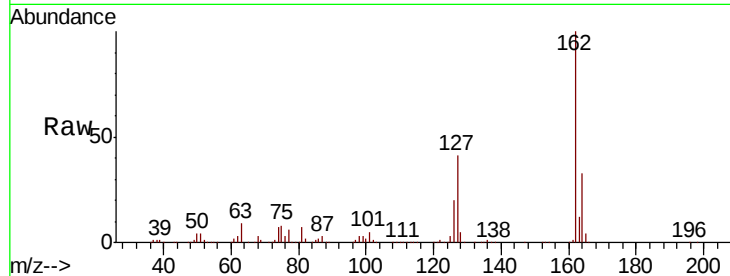




#47
 2-Chloronaphthalene
 Concen: 38.892 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

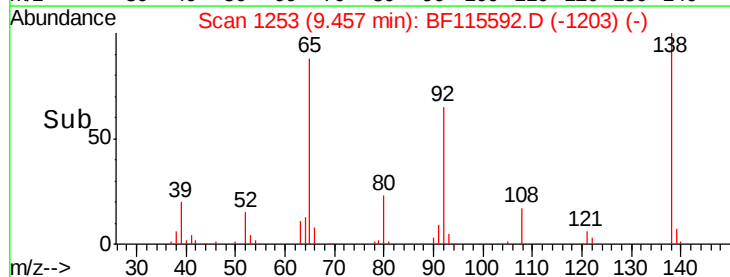
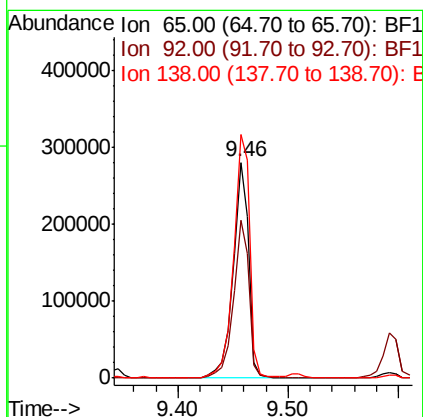
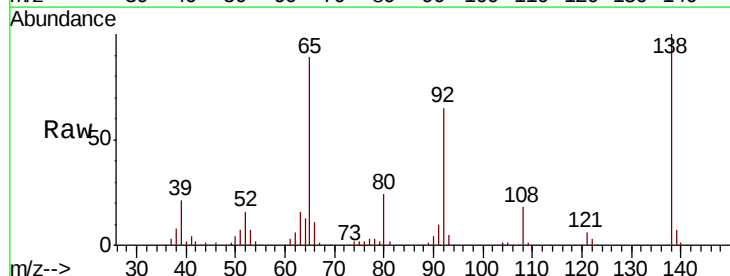
Instrument :
 BNA_F
 ClientSampleId :

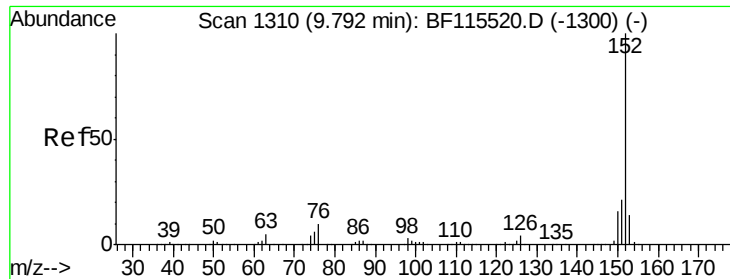
Tot Ion:162 Resp: 951860
 Ion Ratio Lower Upper
 162 100
 127 40.6 34.1 51.1
 164 33.5 27.4 41.2



#48
 2-Nitroaniline
 Concen: 36.609 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Tgt Ion: 65 Resp: 277321
 Ion Ratio Lower Upper
 65 100
 92 73.1 57.8 86.6
 138 112.7 91.2 136.8





#49

Acenaphthylene

Concen: 38.367 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampleId :

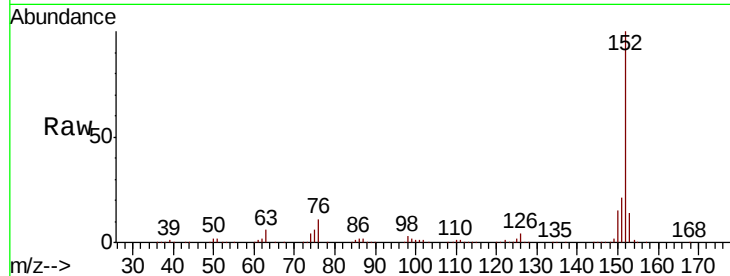
Tot Ion:152 Resp: 1391368

Ion Ratio Lower Upper

152 100

151 21.1 17.7 26.5

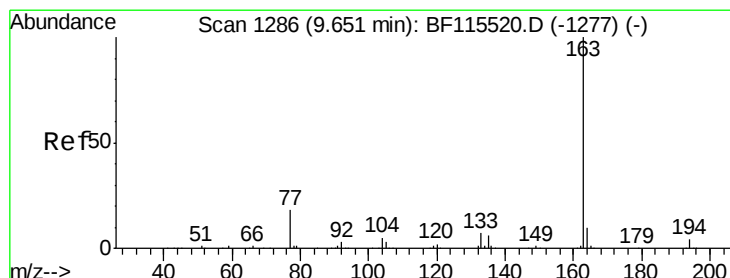
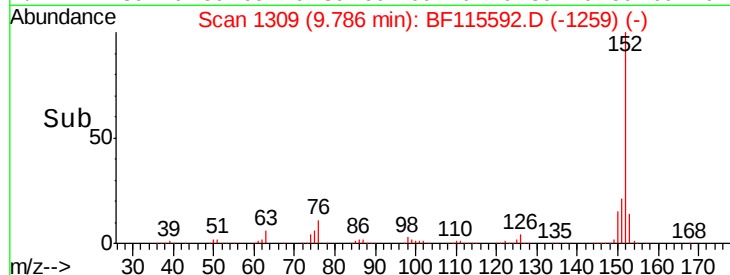
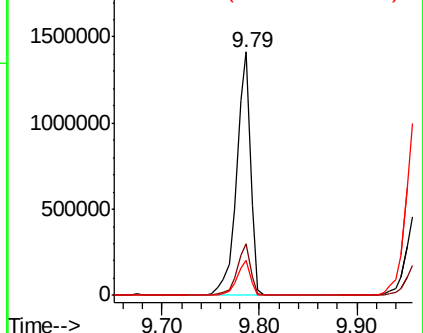
153 14.1 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.381 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

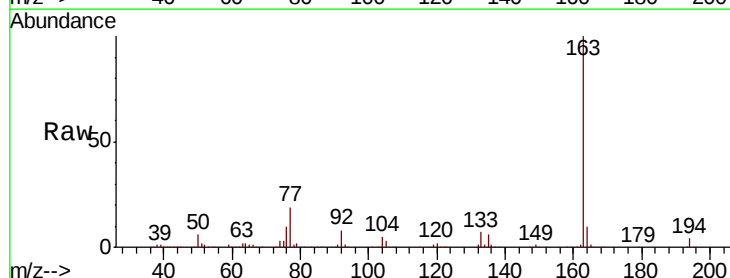
Tgt Ion:163 Resp: 1085704

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

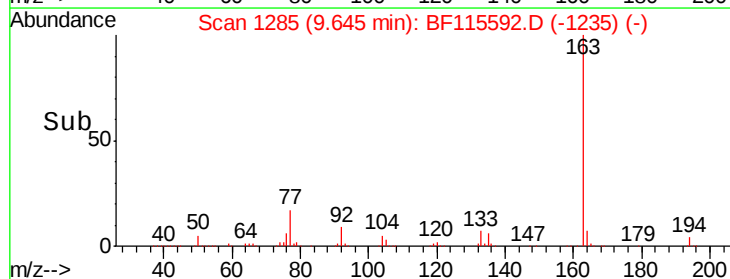
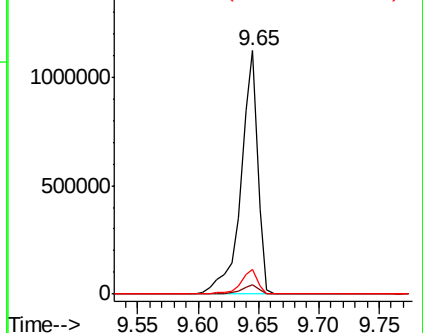
164 10.2 8.7 13.1

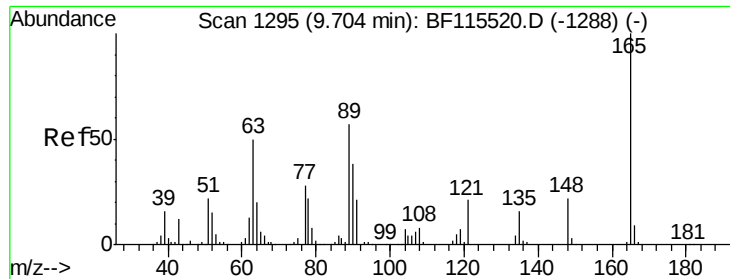


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

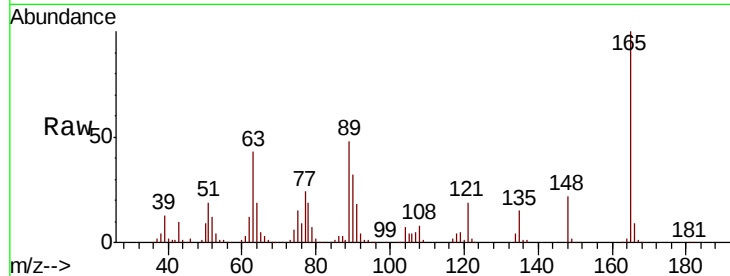




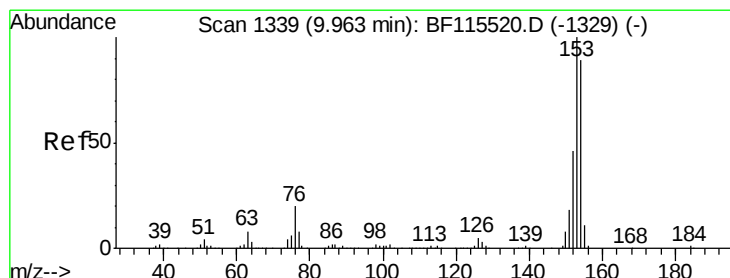
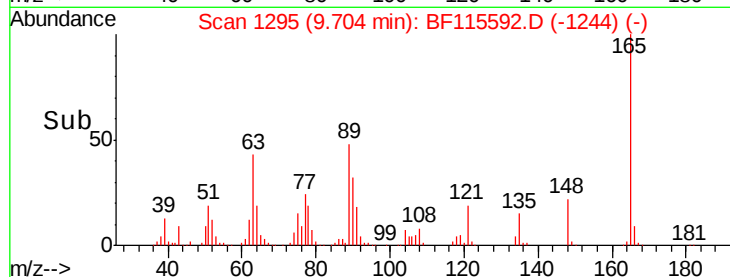
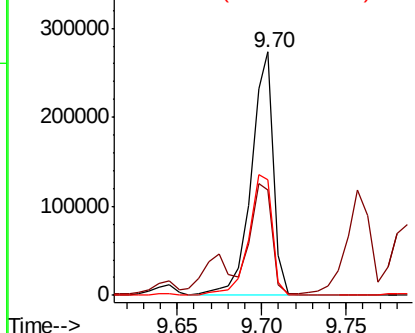
#51
2,6-Dinitrotoluene
Concen: 38.945 ng
RT: 9.70 min Scan# 1295
Delta R.T. 0.00 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.1	40.6	61.0
89	47.6	43.9	65.9

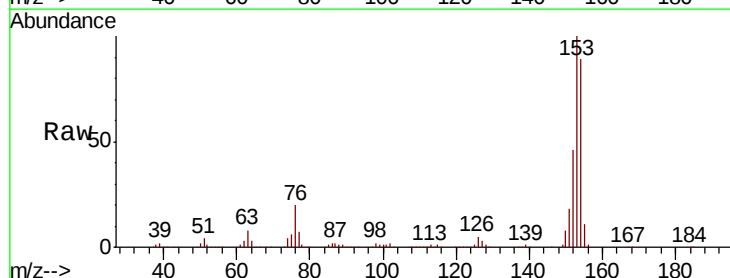


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

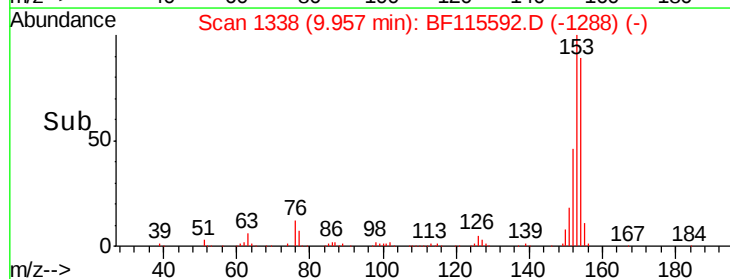
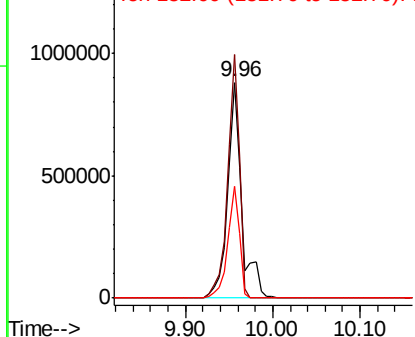


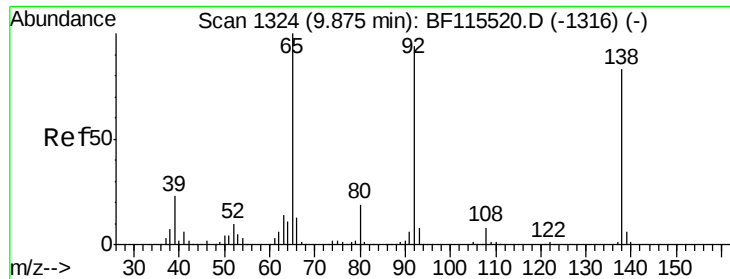
#52
Acenaphthene
Concen: 42.267 ng
RT: 9.96 min Scan# 1338
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.8	88.6	133.0
152	51.8	42.3	63.5



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E

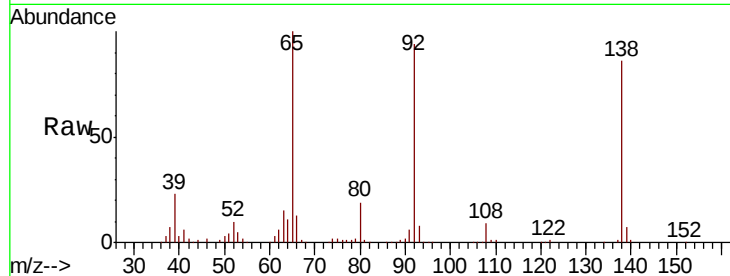




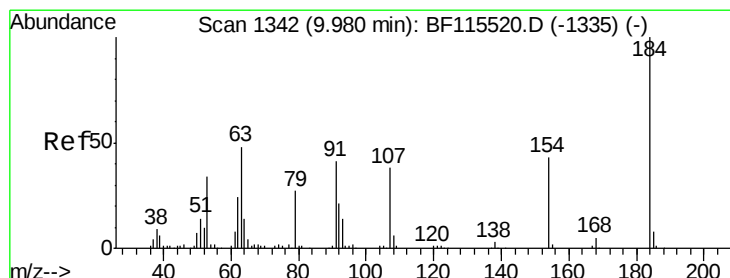
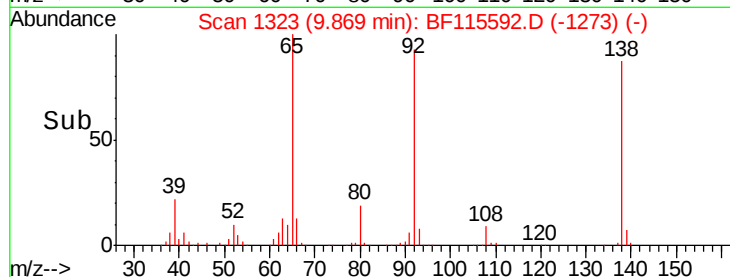
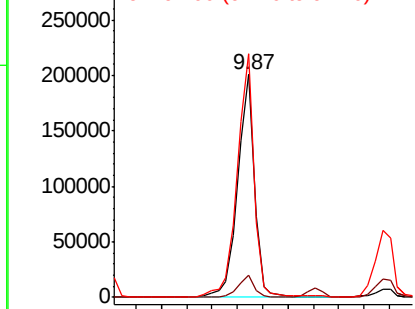
#53
 3-Nitroaniline
 Concen: 24.840 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:138 Resp: 182479
 Ion Ratio Lower Upper
 138 100
 108 10.1 8.4 12.6
 92 109.3 88.0 132.0

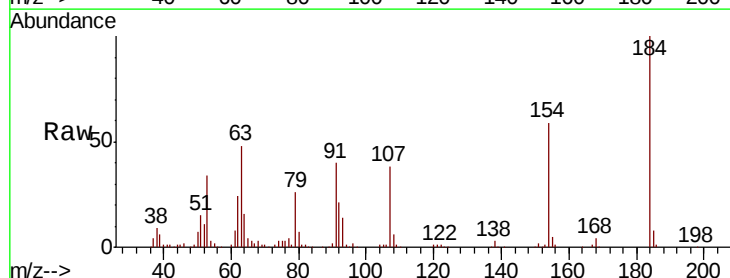


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

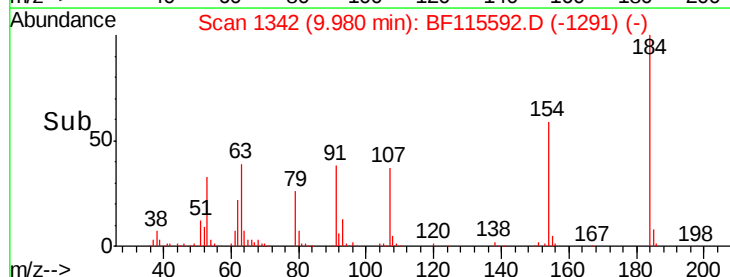
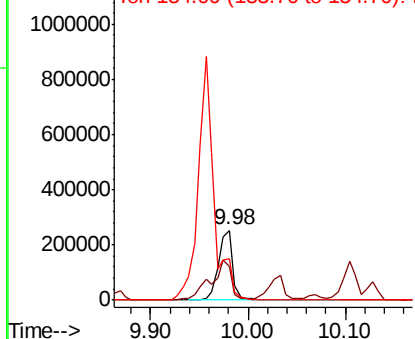


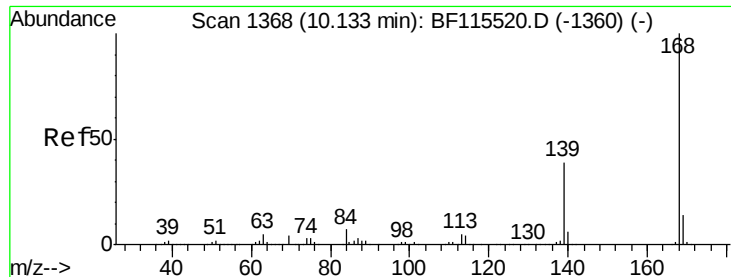
#54
 2,4-Dinitrophenol
 Concen: 77.848 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Tgt Ion:184 Resp: 256936
 Ion Ratio Lower Upper
 184 100
 63 48.4 48.7 73.1#
 154 59.4 48.6 73.0



Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

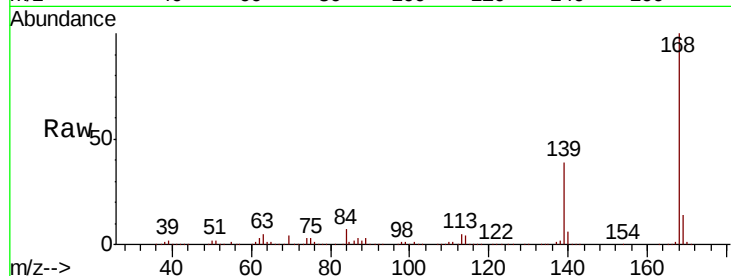




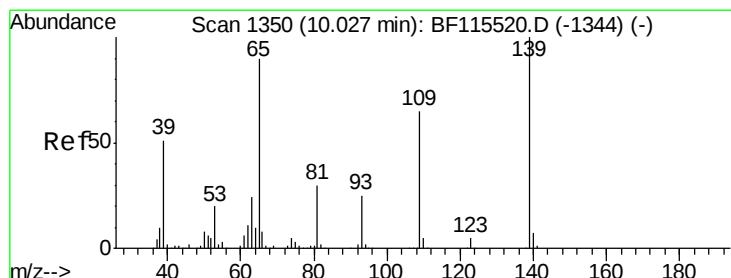
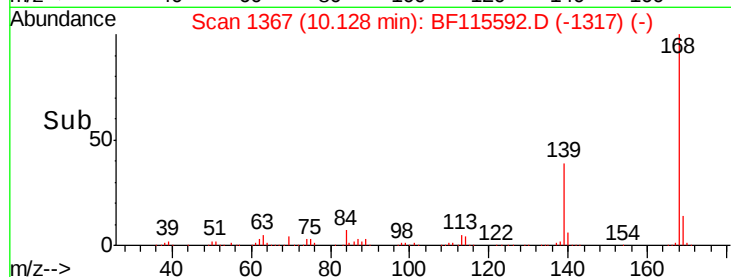
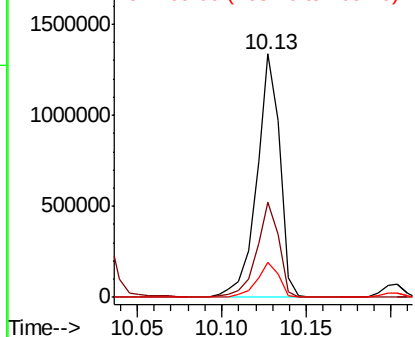
#55
Dibenzenofuran
Concen: 38.040 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1264833
Ion Ratio Lower Upper
168 100
139 39.2 31.1 46.7
169 14.1 11.1 16.7

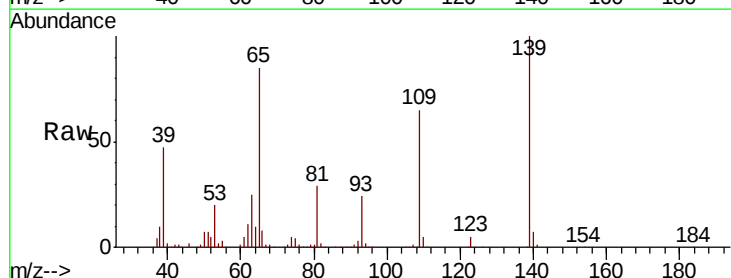


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

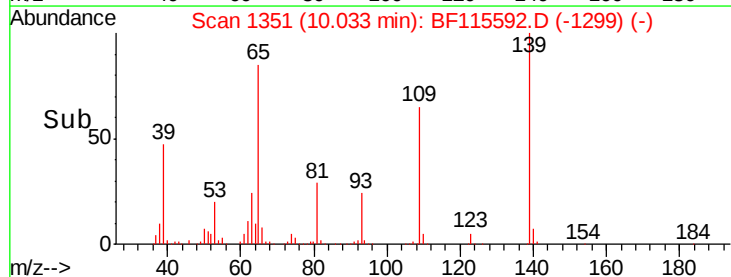
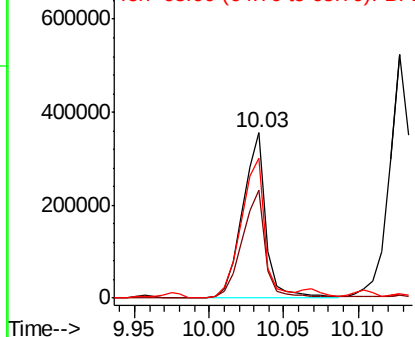


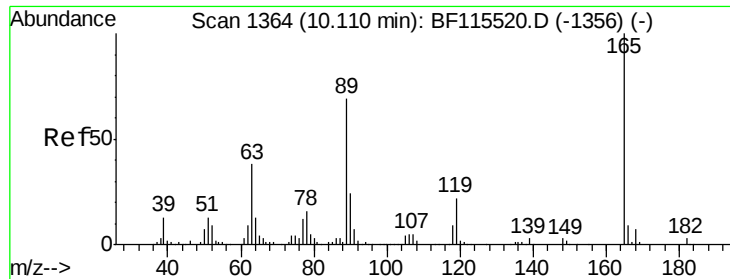
#56
4-Nitrophenol
Concen: 68.742 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion:139 Resp: 385081
Ion Ratio Lower Upper
139 100
109 64.9 46.4 86.4
65 84.8 68.9 108.9



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

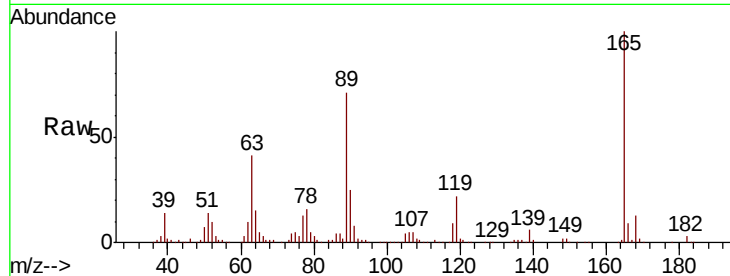




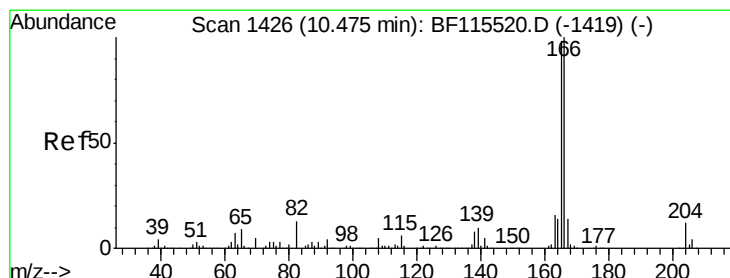
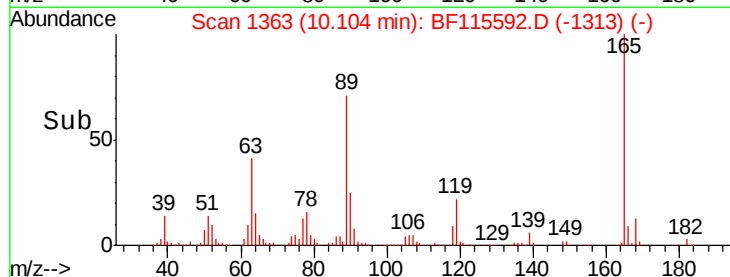
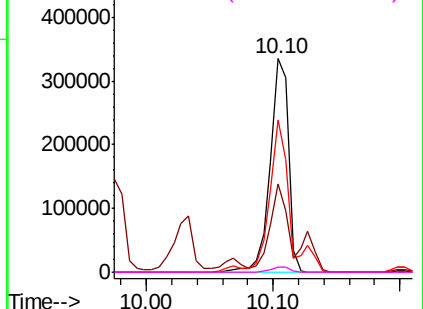
#57
 2,4-Dinitrotoluene
 Concen: 40.287 ng
 RT: 10.10 min Scan# 1363
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	165	Resp:	335521
Ion	Ratio	Lower	Upper
165	100		
63	41.4	34.9	52.3
89	71.2	57.5	86.3
182	2.6	2.2	3.4

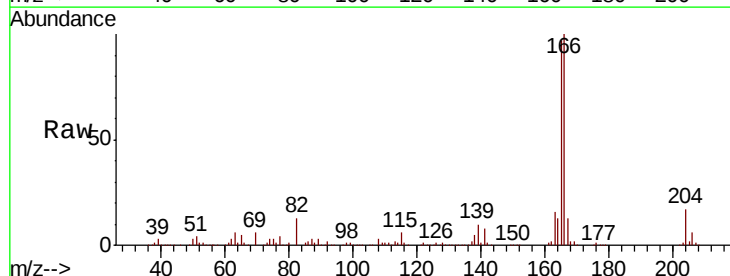


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

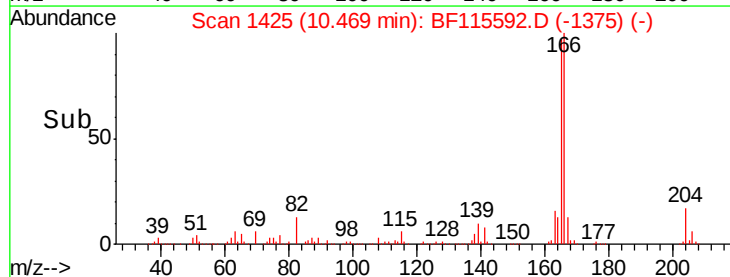
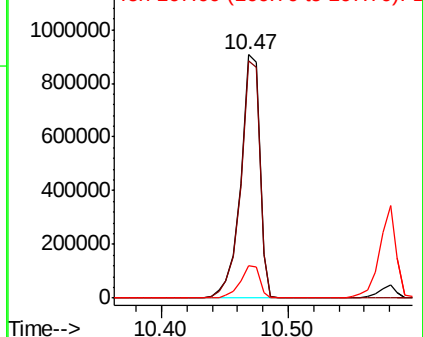


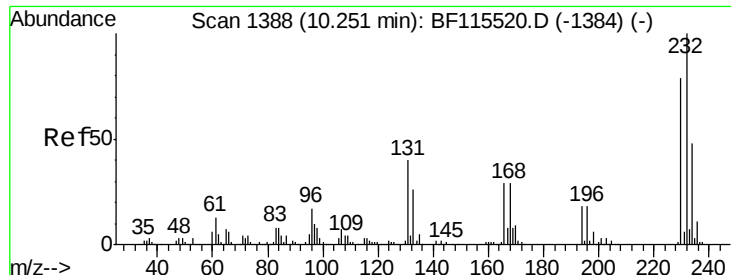
#58
 Fluorene
 Concen: 39.364 ng
 RT: 10.47 min Scan# 1425
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Tgt Ion:	166	Resp:	935678
Ion	Ratio	Lower	Upper
166	100		
165	97.3	79.8	119.6
167	13.5	11.2	16.8



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

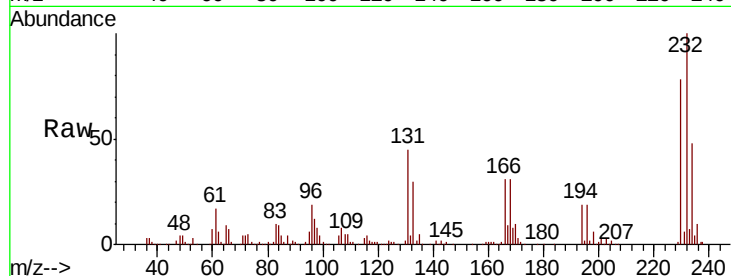




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.375 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.9	35.9	53.9
130	2.0	1.8	2.6
166	28.8	24.8	37.2



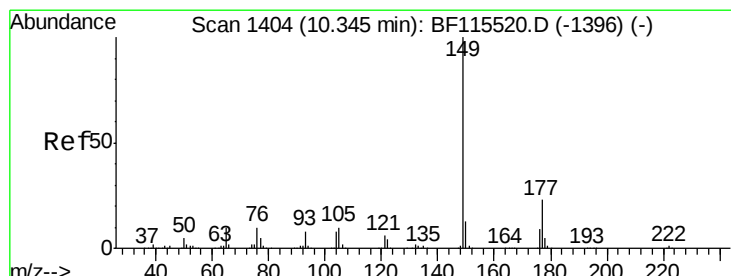
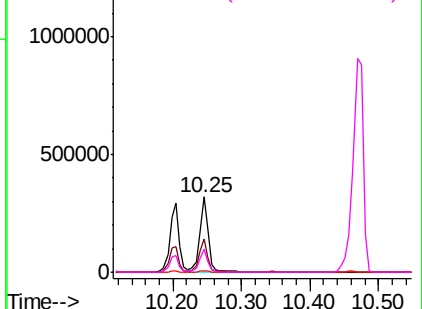
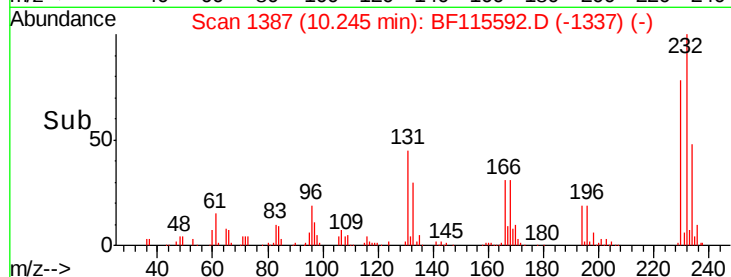
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

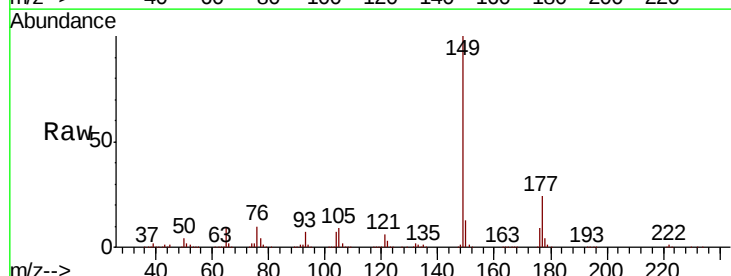
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.478 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.9	19.5	29.3
150	12.8	10.4	15.6

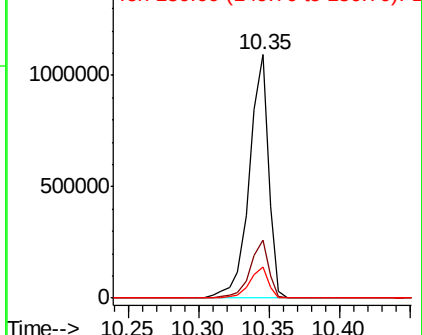
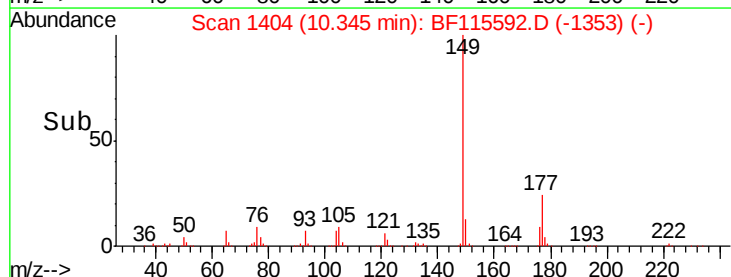


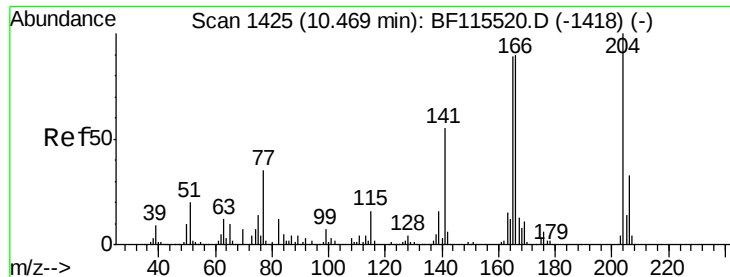
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

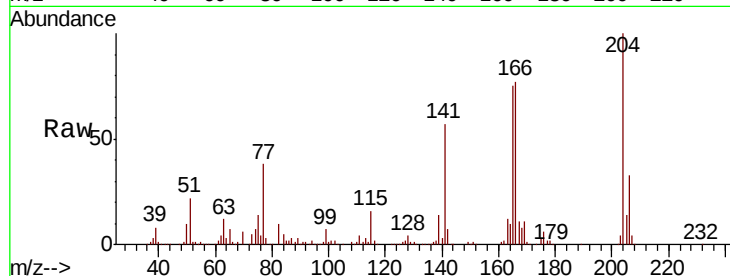




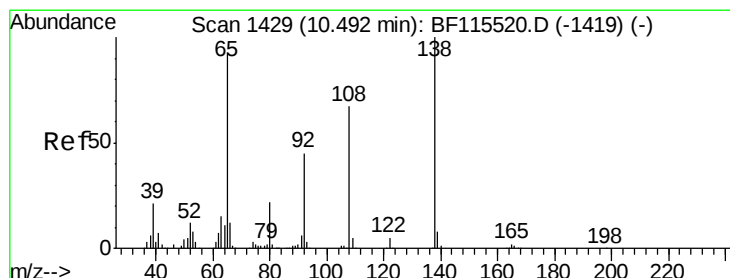
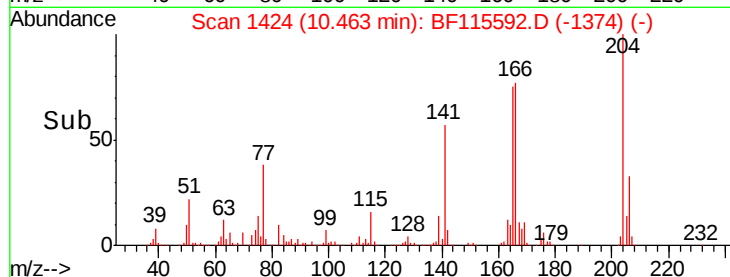
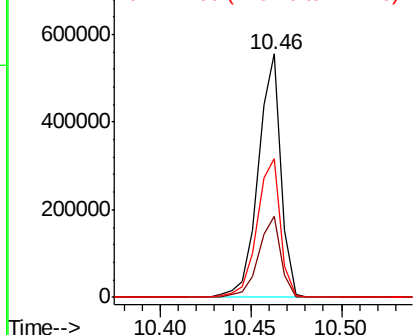
#61
4-Chlorophenyl-phenylether
Concen: 36.542 ng
RT: 10.46 min Scan# 1424
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 481683
Ion Ratio Lower Upper
204 100
206 33.4 26.7 40.1
141 57.0 44.2 66.2

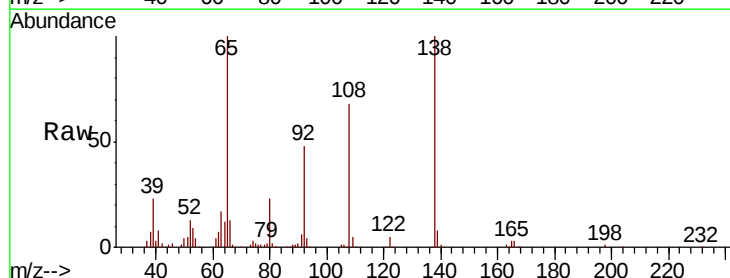


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

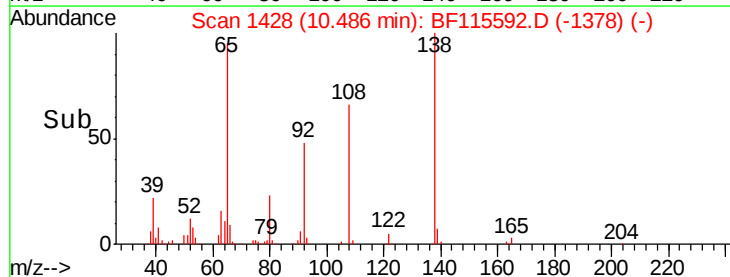
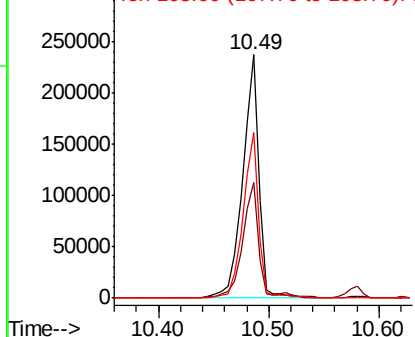


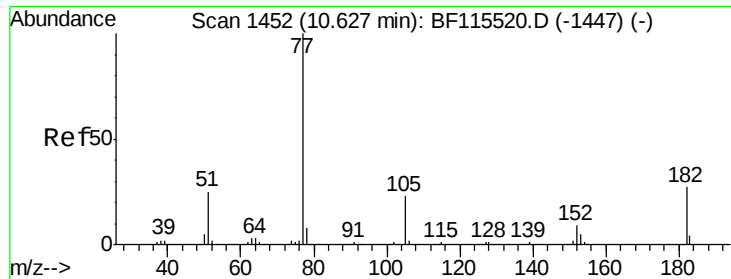
#62
4-Nitroaniline
Concen: 34.910 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion:138 Resp: 245991
Ion Ratio Lower Upper
138 100
92 47.7 27.1 67.1
108 67.9 48.0 88.0



Abundance Ion 138.00 (137.70 to 138.70): E
Ion 92.00 (91.70 to 92.70): BF1
Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 38.967 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1001745

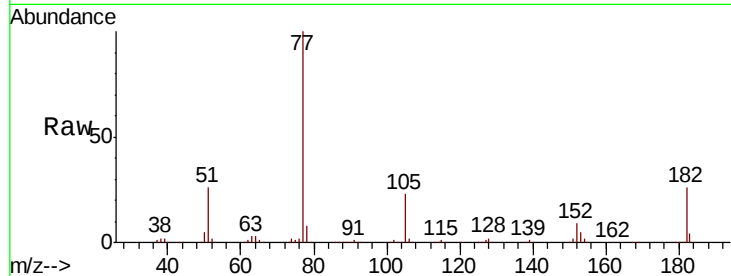
Ion	Ratio	Lower	Upper
77	100		
182	26.2	6.9	46.9
105	23.3	3.9	43.9
51	25.7	7.3	47.3

77 100

182 26.2 6.9 46.9

105 23.3 3.9 43.9

51 25.7 7.3 47.3

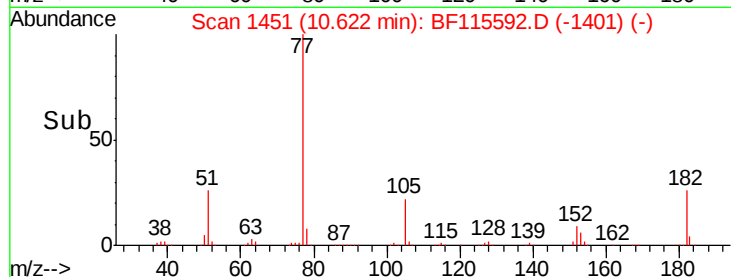


Abundance Ion 77.00 (76.70 to 77.70): BF1

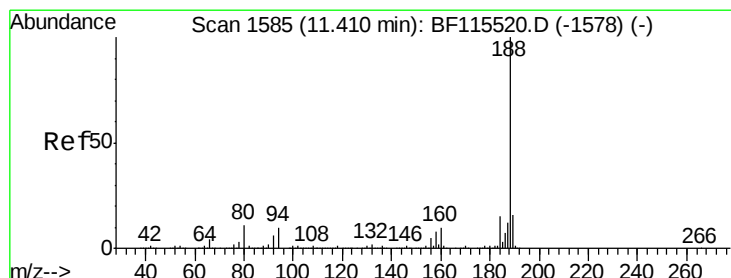
Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



Time--> 10.55 10.60 10.65 10.70



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

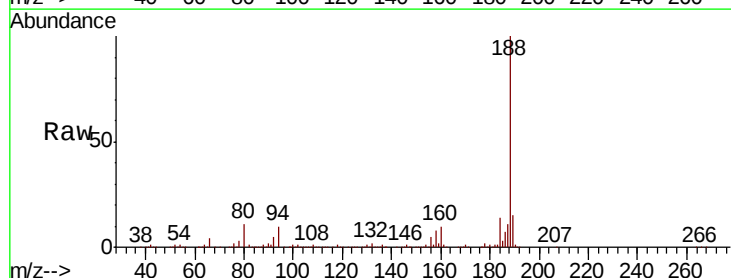
Tgt Ion: 188 Resp: 725725

Ion	Ratio	Lower	Upper
188	100		
94	10.0	7.8	11.6
80	11.0	8.6	13.0

188 100

94 10.0 7.8 11.6

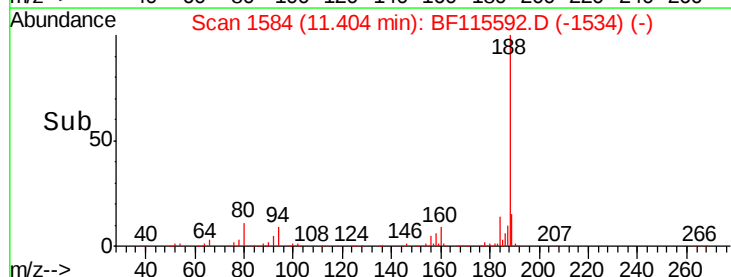
80 11.0 8.6 13.0



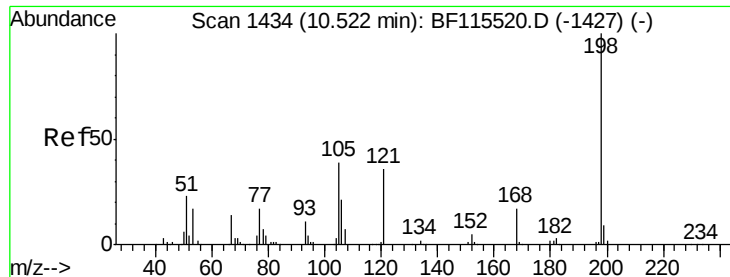
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



Time--> 11.35 11.40 11.45



#65

4,6-Dinitro-2-methylphenol

Concen: 37.490 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

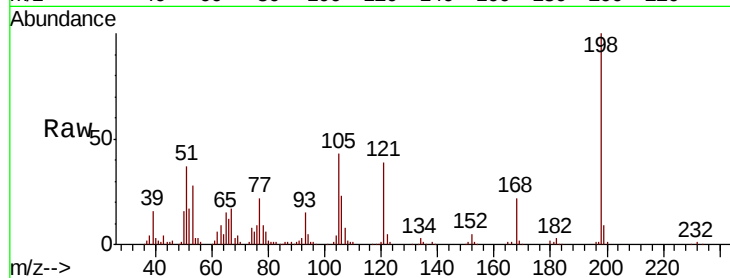
Instrument :

BNA_F

ClientSampleId :

Tot Ion:198 Resp: 166230

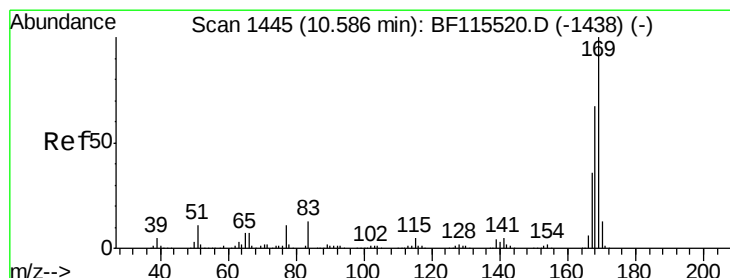
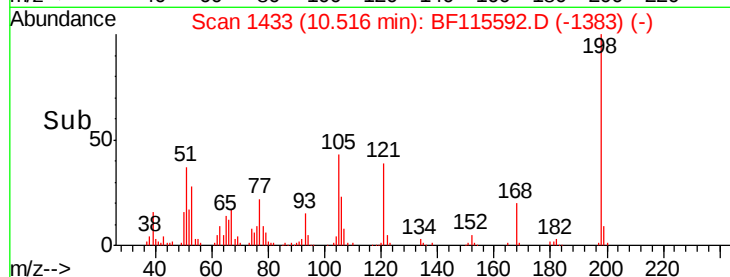
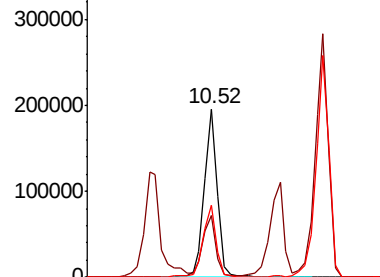
Ion	Ratio	Lower	Upper
198	100		
51	37.0	19.1	59.1
105	43.0	23.6	63.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.436 ng

RT: 10.58 min Scan# 1444

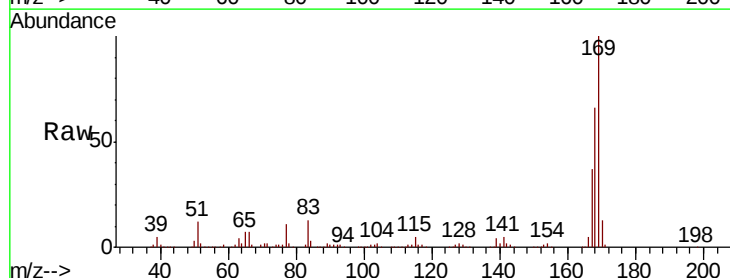
Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Tgt Ion:169 Resp: 867674

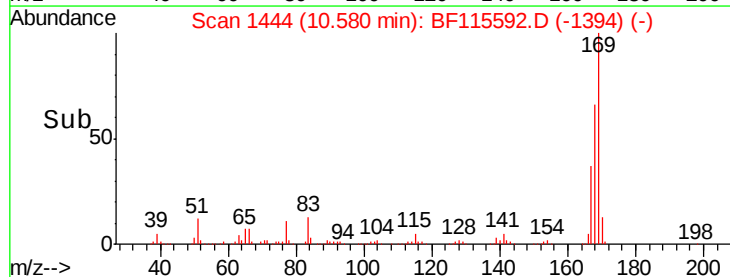
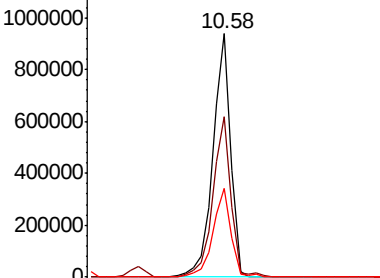
Ion	Ratio	Lower	Upper
169	100		
168	66.1	54.3	81.5
167	36.6	30.2	45.2

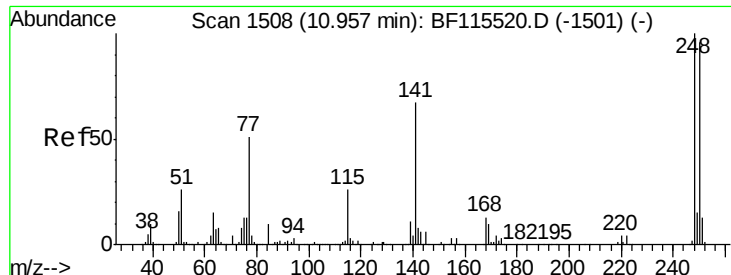


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

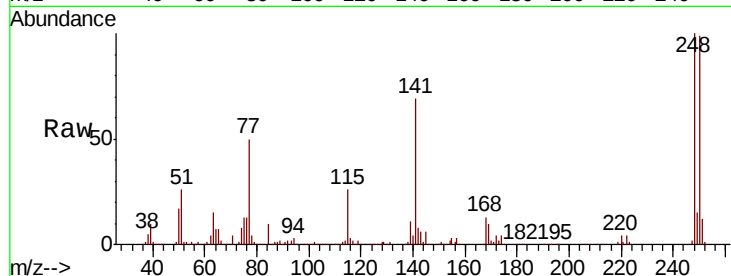




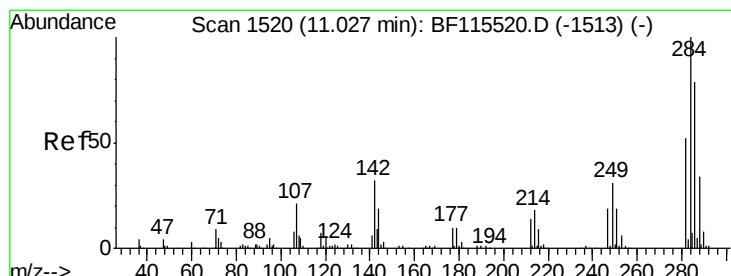
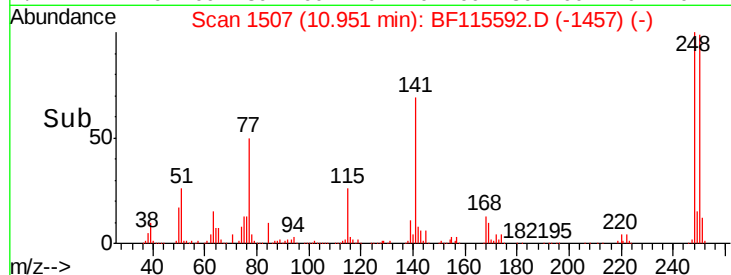
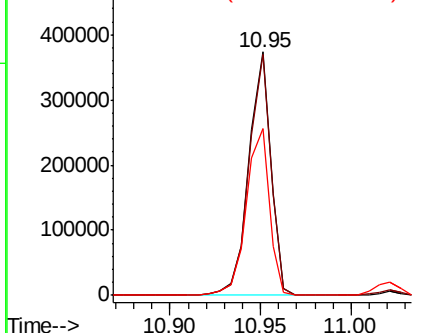
#67
 4-Bromophenyl-phenylether
 Concen: 38.275 ng
 RT: 10.95 min Scan# 1507
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.1	78.0	117.0
141	68.6	57.7	86.5

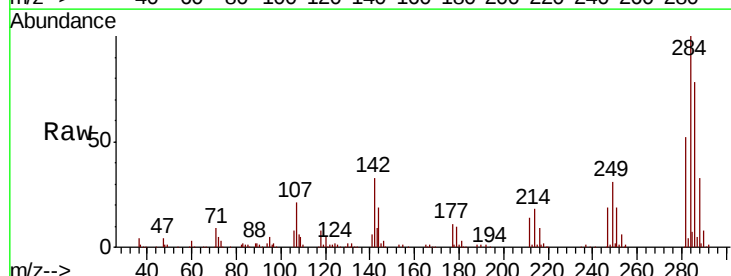


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

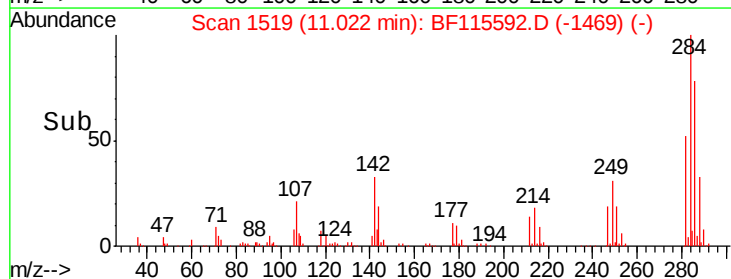
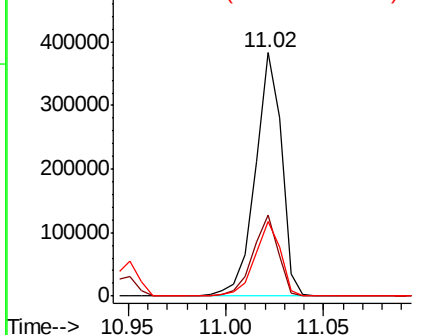


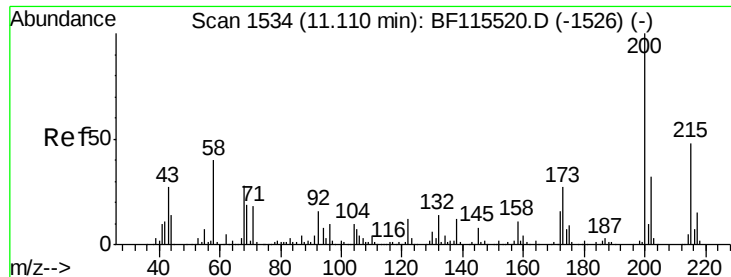
#68
 Hexachlorobenzene
 Concen: 37.528 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	22.2	33.2#
249	30.6	23.4	35.2



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

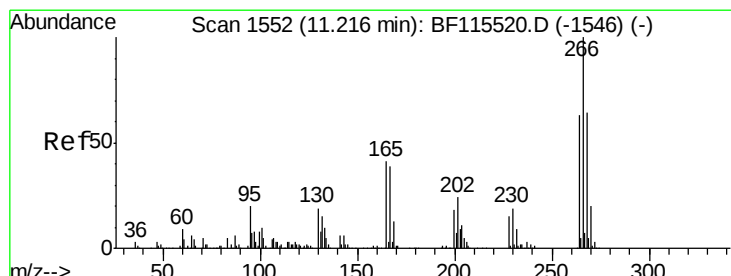
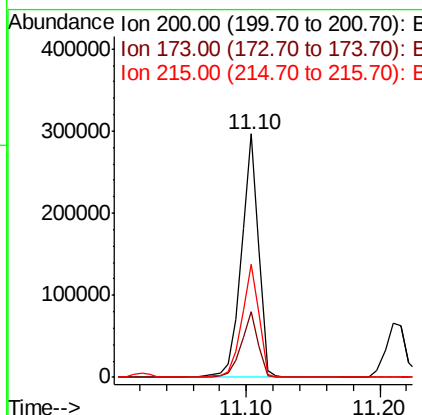
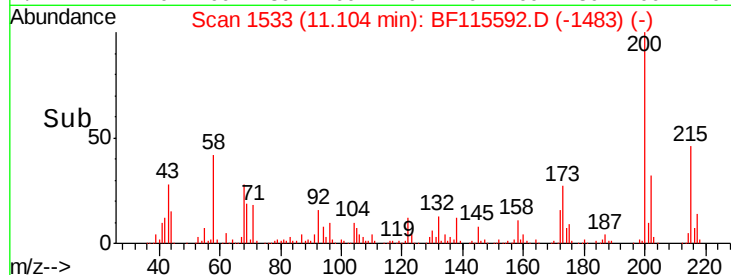
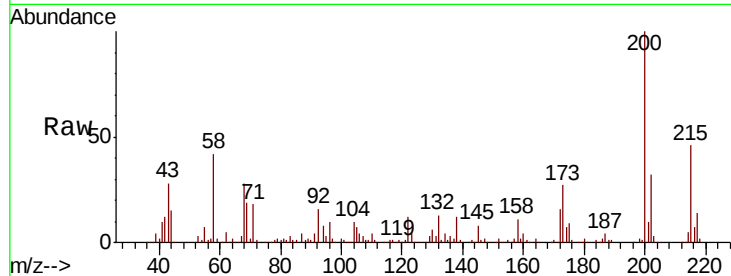




#69
Atrazine
Concen: 35.429 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

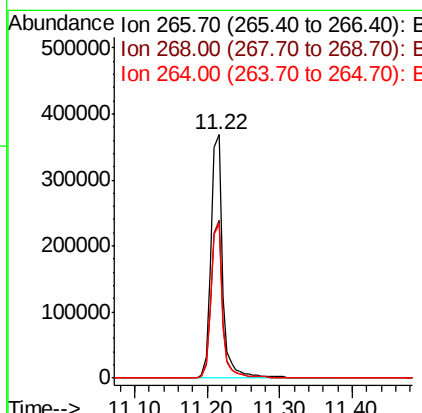
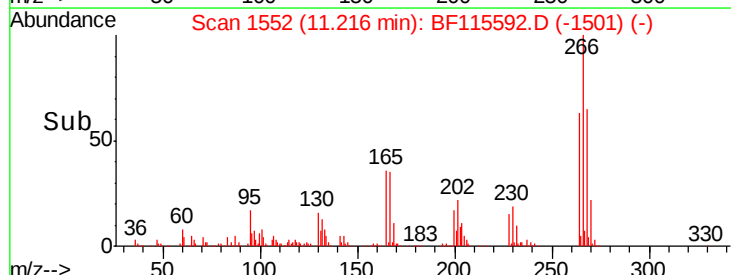
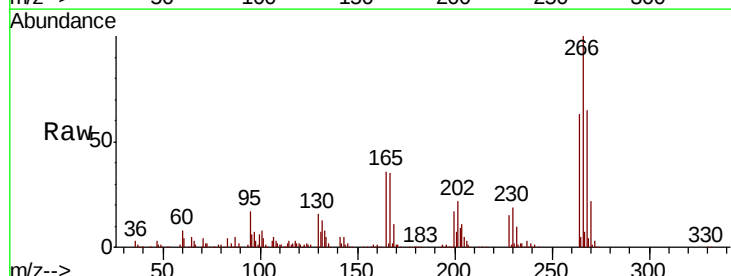
Instrument :
BNA_F
ClientSampleId :

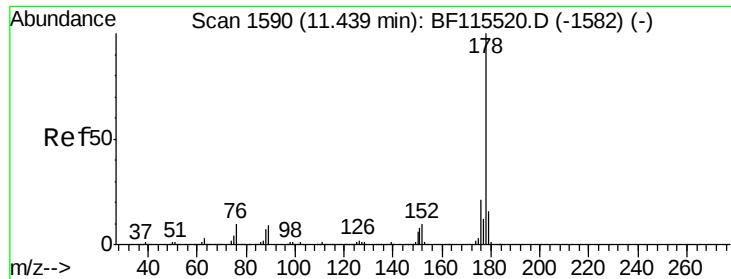
Tot Ion:200 Resp: 262380
Ion Ratio Lower Upper
200 100
173 26.7 6.9 46.9
215 46.4 27.9 67.9



#70
Pentachlorophenol
Concen: 71.332 ng
RT: 11.22 min Scan# 1552
Delta R.T. 0.00 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion:266 Resp: 413204
Ion Ratio Lower Upper
266 100
268 64.9 51.6 77.4
264 63.4 50.6 76.0

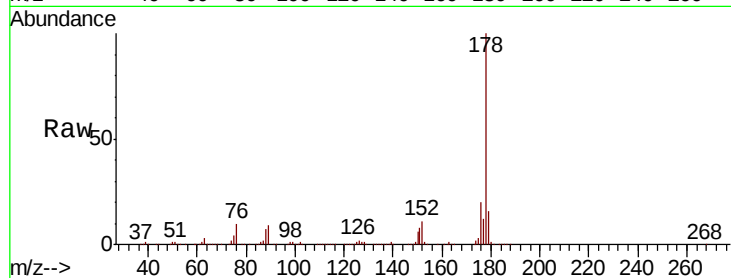




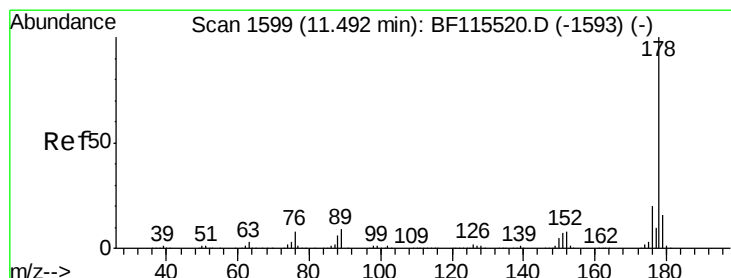
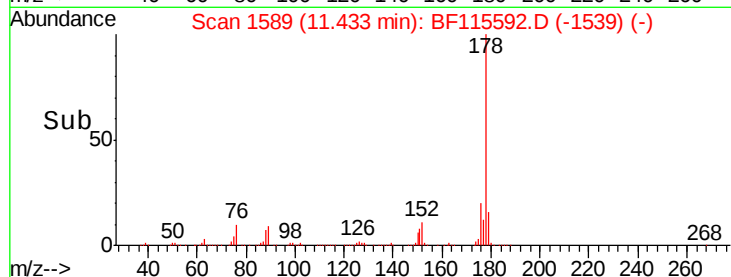
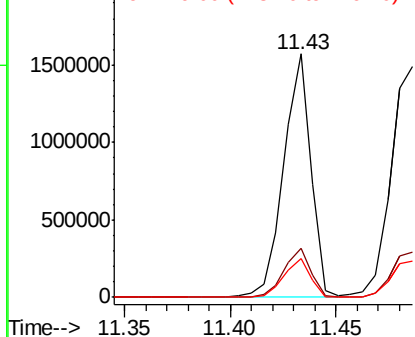
#71
Phenanthrene
Concen: 38.154 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1419333
Ion Ratio Lower Upper
178 100
176 20.3 17.2 25.8
179 16.0 13.5 20.3

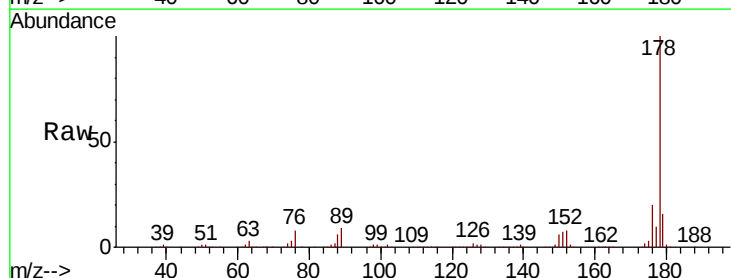


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

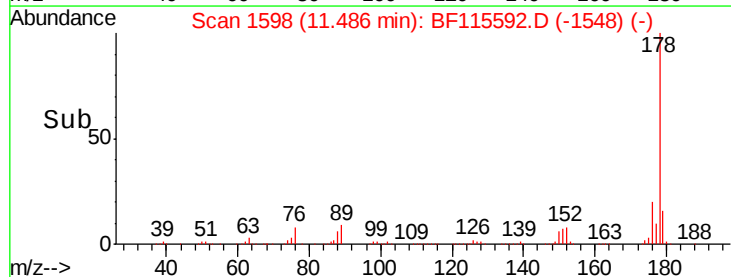
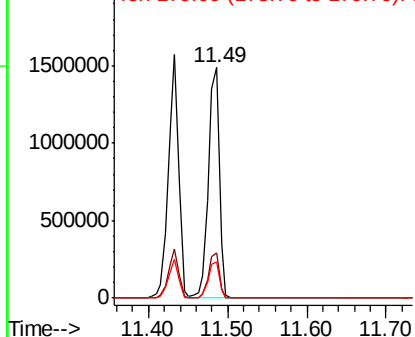


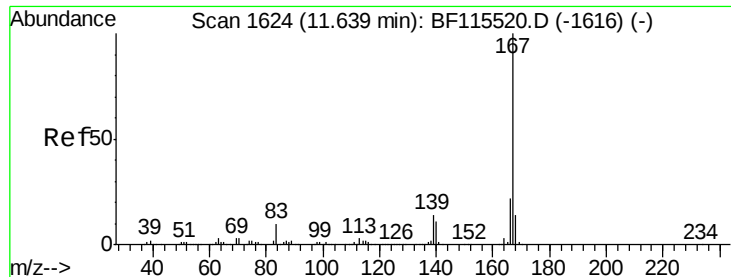
#72
Anthracene
Concen: 37.314 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion:178 Resp: 1434533
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.8 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



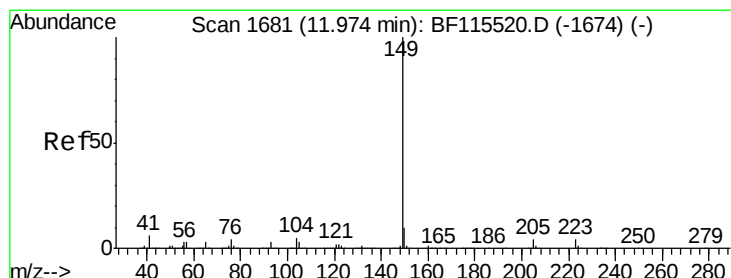
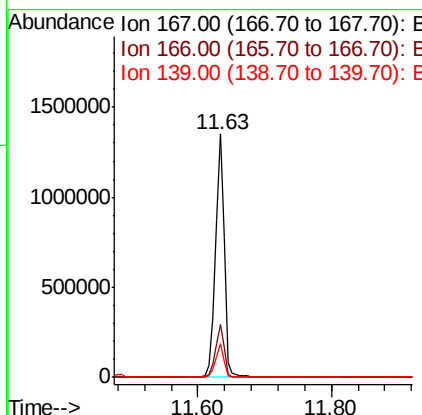
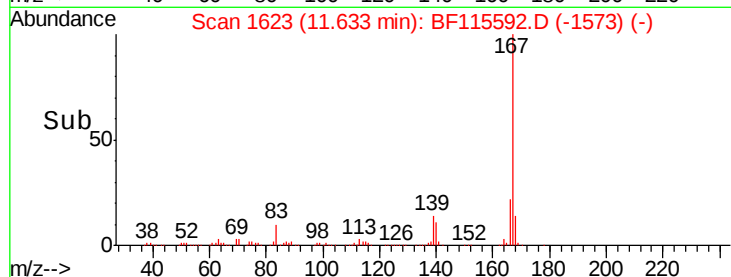
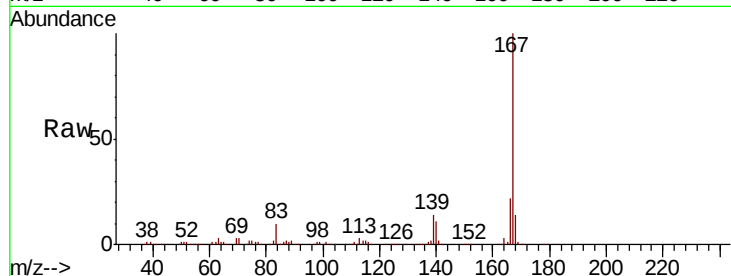


#73
 Carbazole
 Concen: 37.900 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1277715

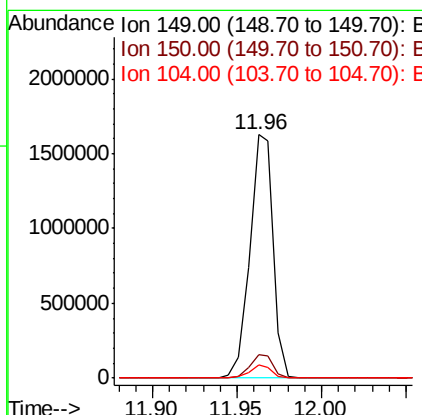
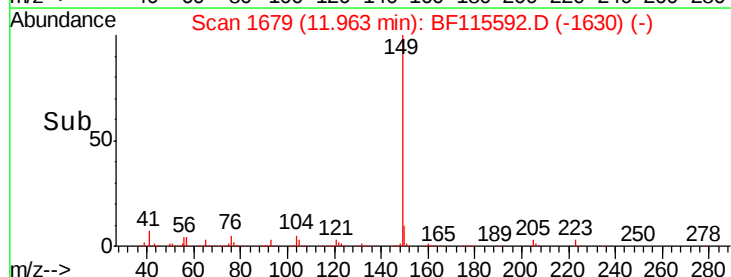
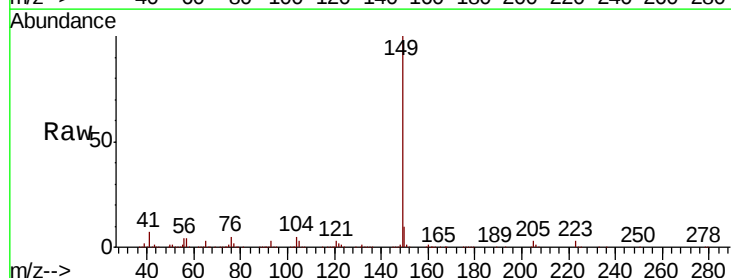
Ion	Ratio	Lower	Upper
167	100		
166	22.0	18.1	27.1
139	13.9	11.3	16.9

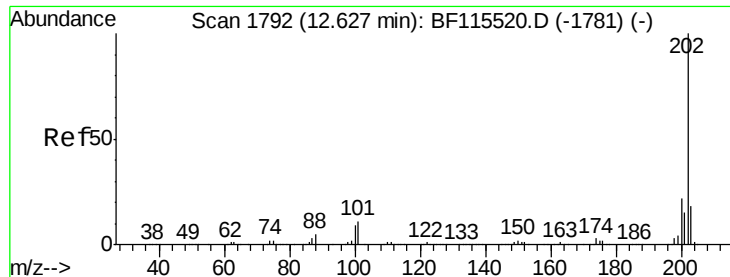


#74
 Di-n-butylphthalate
 Concen: 37.816 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Tgt Ion:149 Resp: 1570379

Ion	Ratio	Lower	Upper
149	100		
150	9.7	7.7	11.5
104	5.2	3.8	5.8

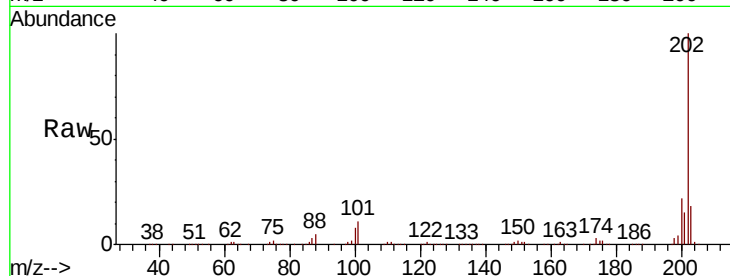




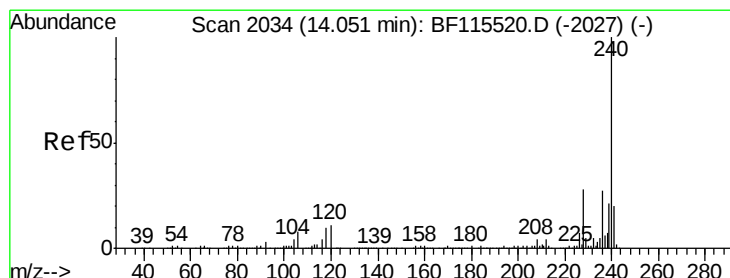
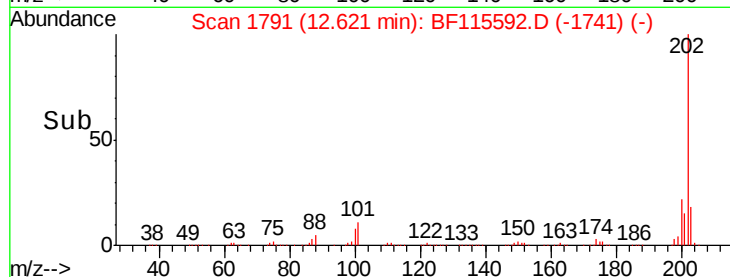
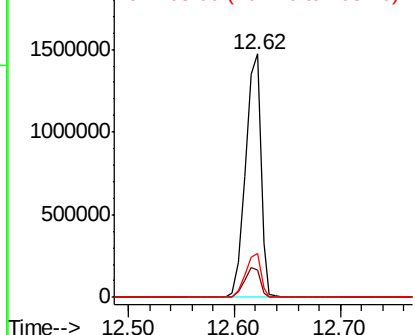
#75
 Fluoranthene
 Concen: 37.564 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:202 Resp: 1476643
 Ion Ratio Lower Upper
 202 100
 101 11.0 0.0 31.4
 203 17.9 0.0 38.1

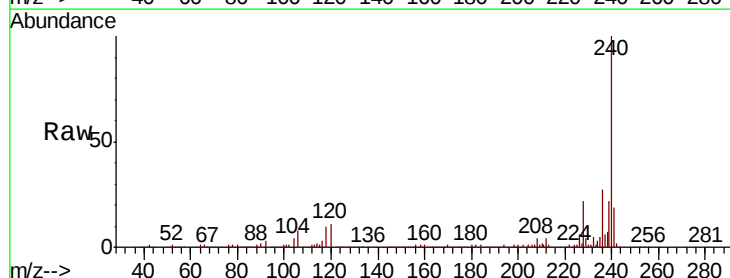


Abundance Ion 202.00 (201.70 to 202.70): E
 2000000 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

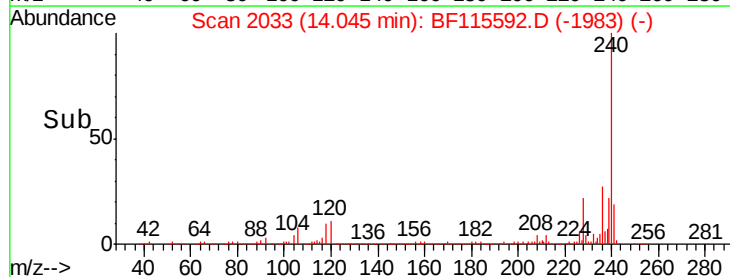
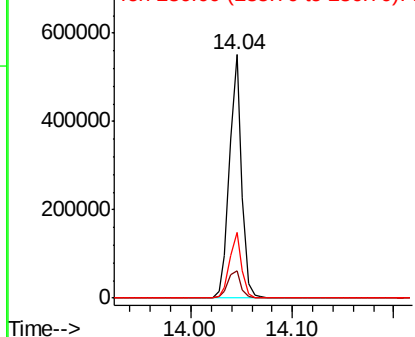


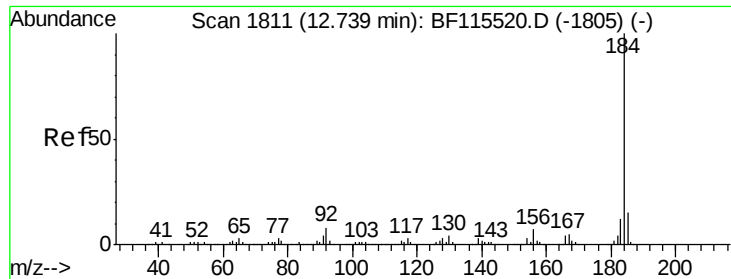
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115592.D
 Acq: 16 Jul 2019 12:40

Tgt Ion:240 Resp: 461011
 Ion Ratio Lower Upper
 240 100
 120 11.1 8.6 13.0
 236 27.1 21.3 31.9



Abundance Ion 240.00 (239.70 to 240.70): E
 600000 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 18.113 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampleId :

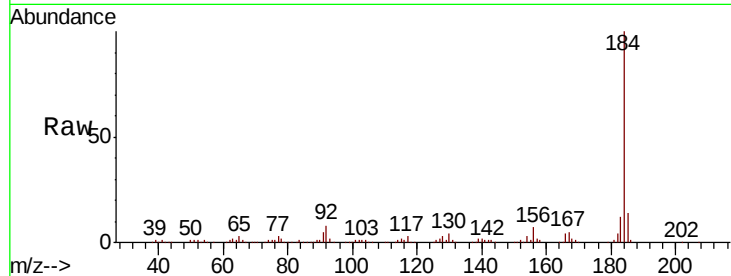
Tot Ion:184 Resp: 295818

Ion Ratio Lower Upper

184 100

185 14.3 12.0 18.0

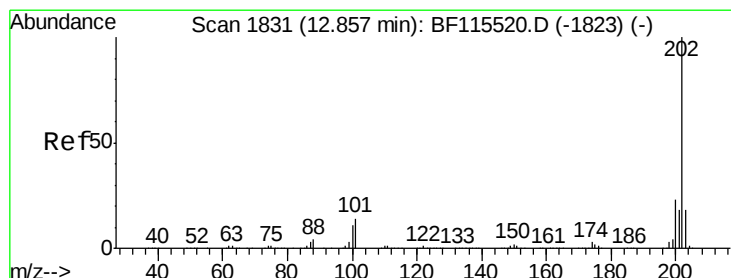
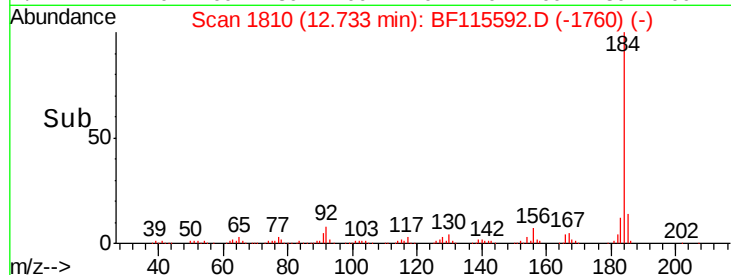
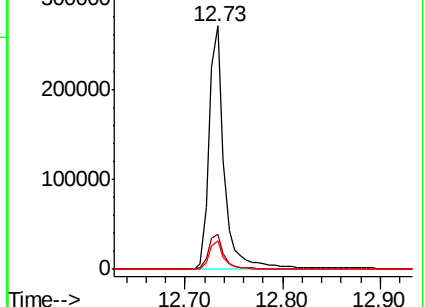
183 11.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 37.161 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

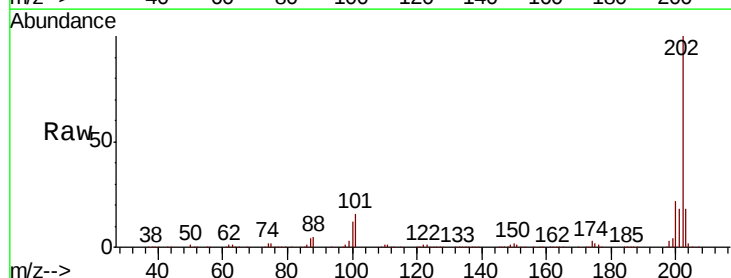
Tgt Ion:202 Resp: 1451467

Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

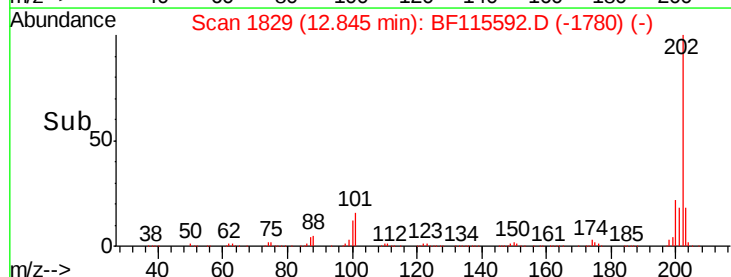
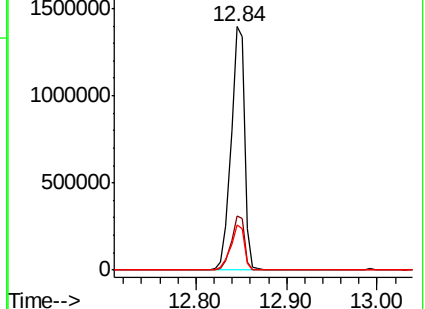
203 18.5 15.2 22.8

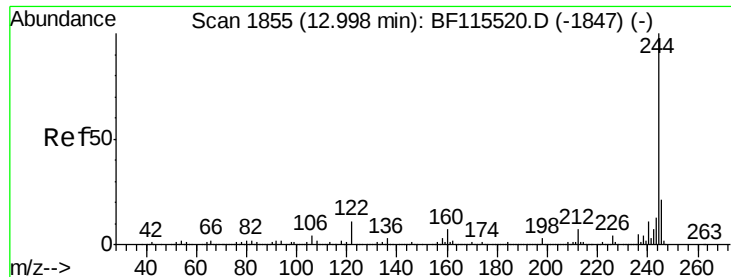


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 74.725 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampleId :

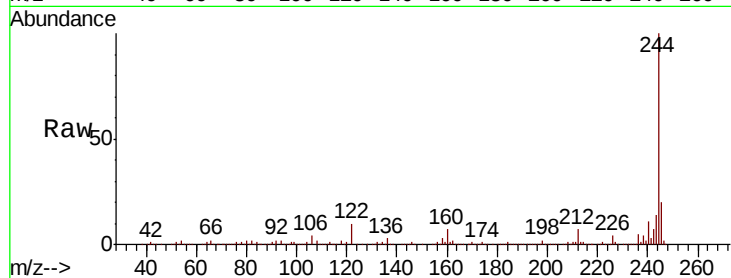
Tot Ion:244 Resp: 1866996

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

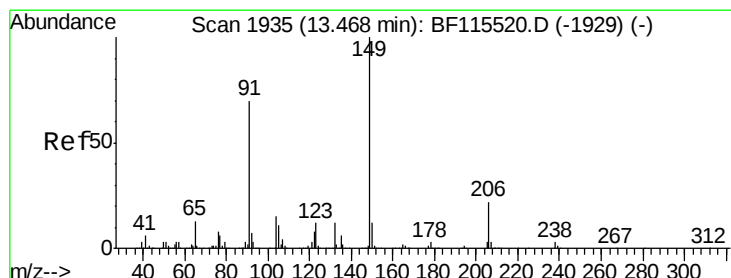
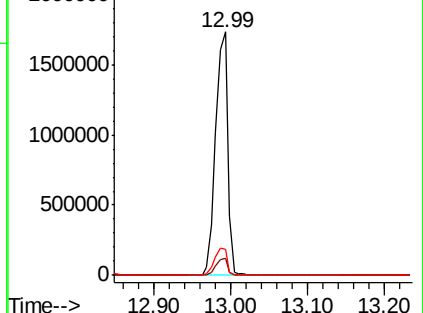
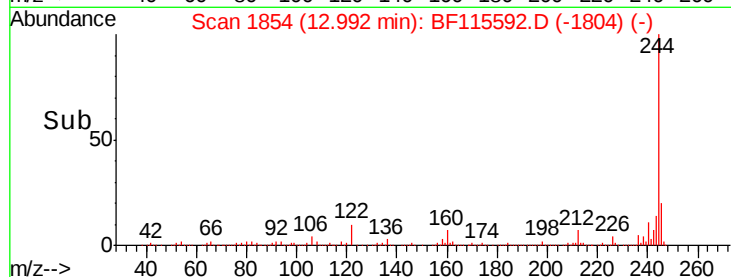
122 10.5 8.6 12.8



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.312 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

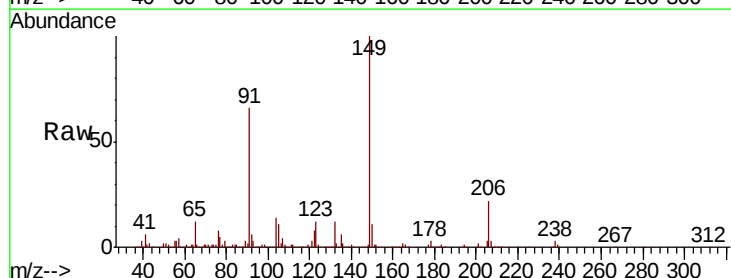
Tgt Ion:149 Resp: 671212

Ion Ratio Lower Upper

149 100

91 66.2 55.8 83.8

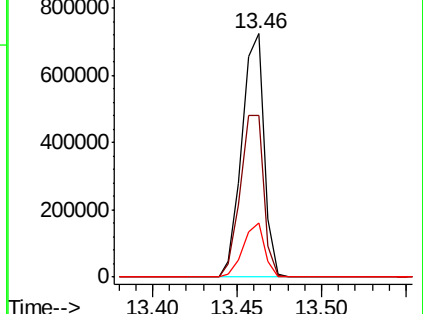
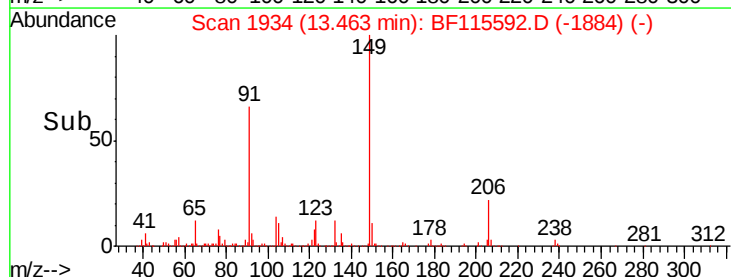
206 22.5 18.2 27.2

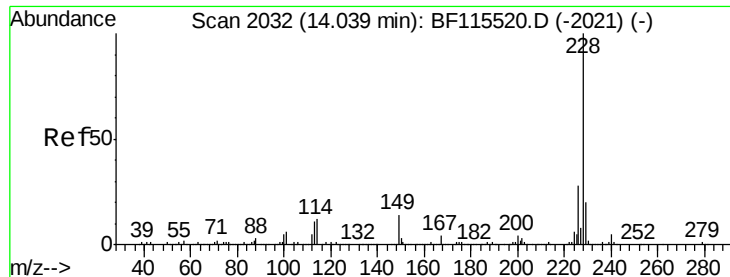


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.426 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampleId :

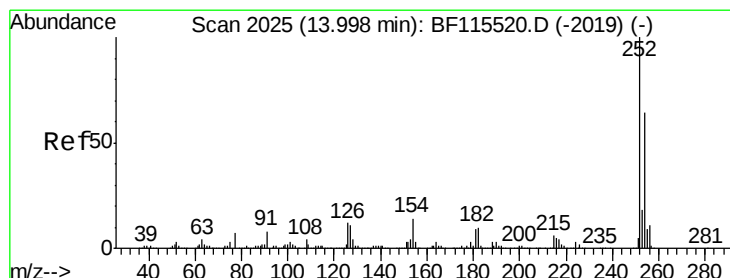
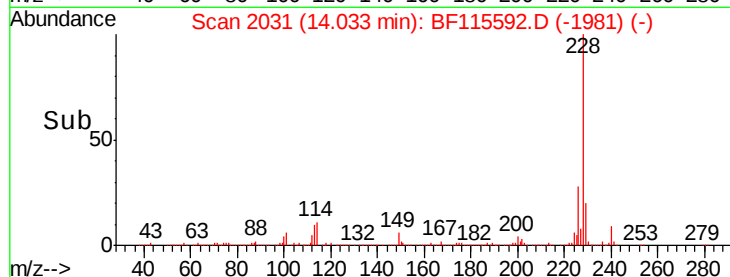
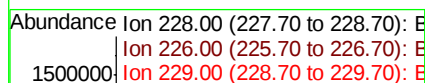
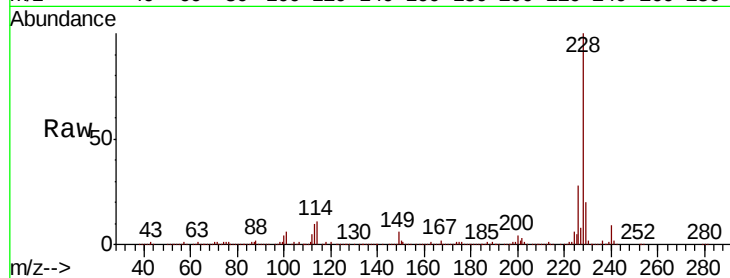
Tot Ion:228 Resp: 1136681

Ion	Ratio	Lower	Upper
228	100		
226	27.5	23.4	35.0
229	19.9	17.2	25.8

228 100

226 27.5 23.4 35.0

229 19.9 17.2 25.8



#82

3,3'-Dichlorobenzidine

Concen: 31.691 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

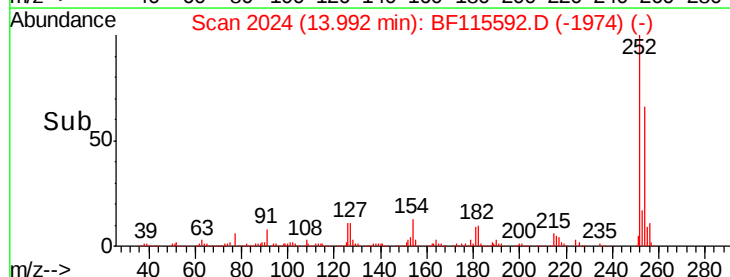
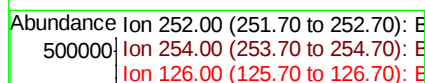
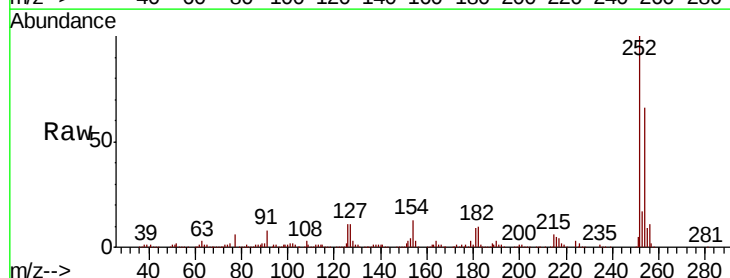
Tgt Ion:252 Resp: 342161

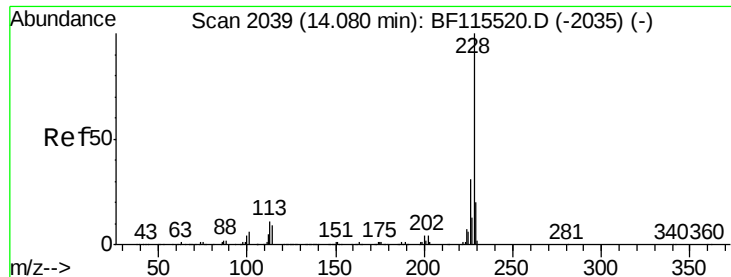
Ion	Ratio	Lower	Upper
252	100		
254	66.0	52.9	79.3
126	11.5	9.9	14.9

252 100

254 66.0 52.9 79.3

126 11.5 9.9 14.9





#83

Chrysene

Concen: 39.013 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampleId :

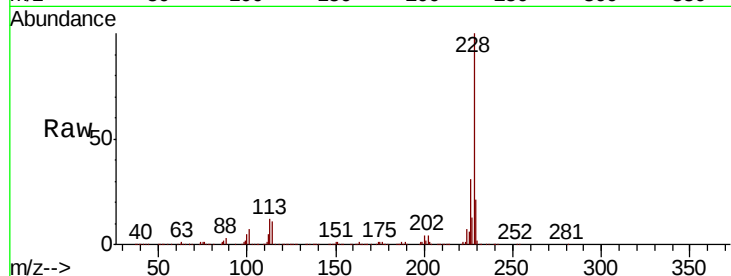
Tot Ion:228 Resp: 1189446

Ion Ratio Lower Upper

228 100

226 31.3 25.7 38.5

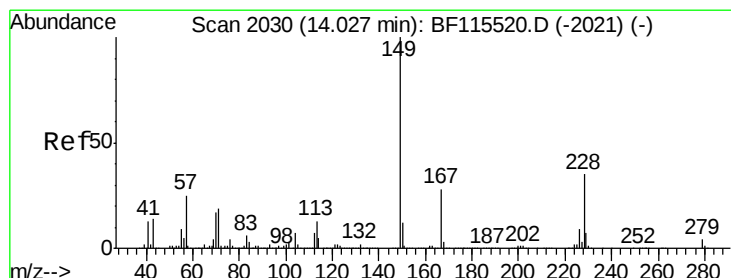
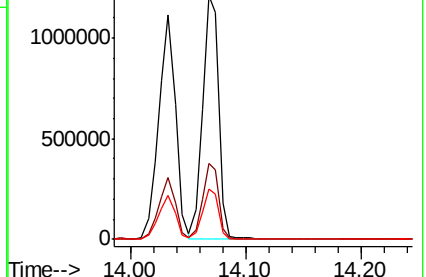
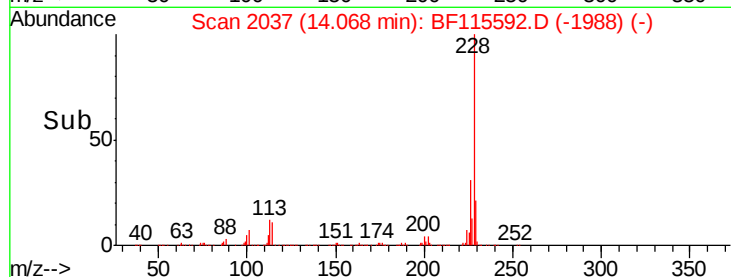
229 20.8 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.565 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

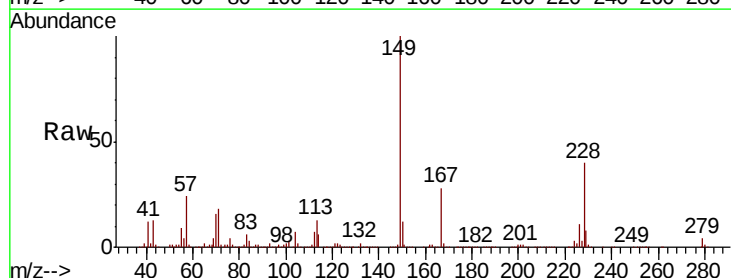
Tgt Ion:149 Resp: 836636

Ion Ratio Lower Upper

149 100

167 28.1 23.0 34.4

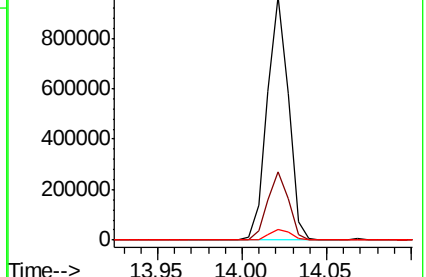
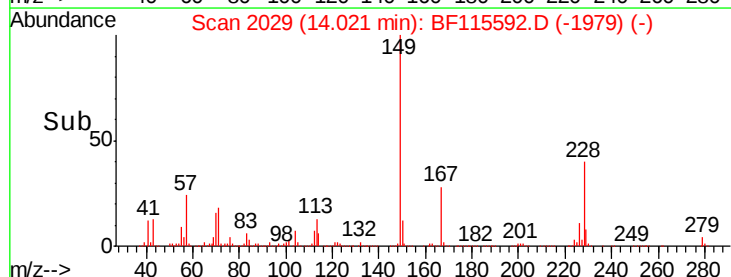
279 4.3 4.2 6.2

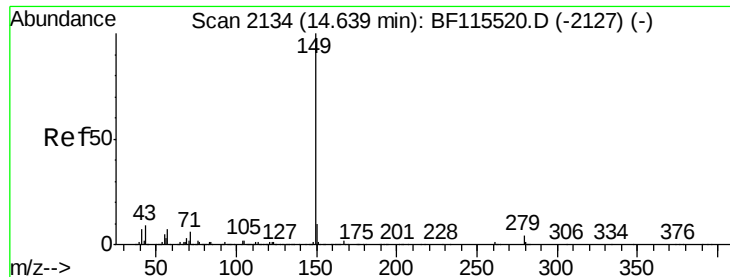


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.944 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampleId :

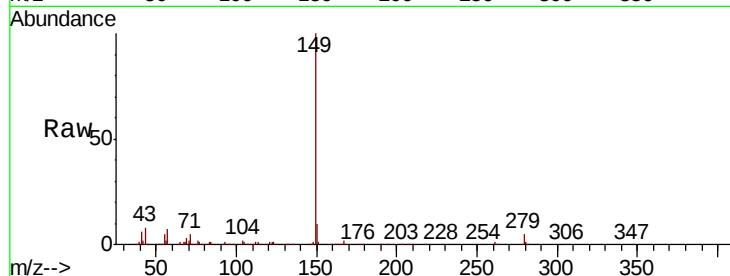
Tot Ion:149 Resp: 1343592

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

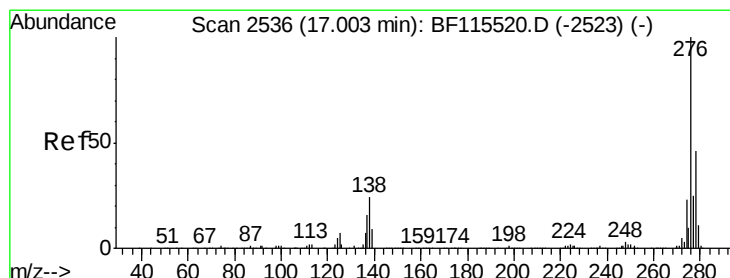
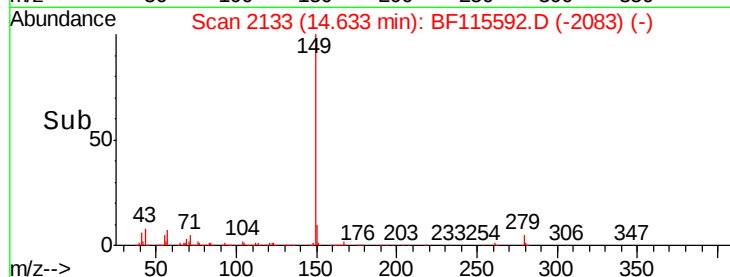
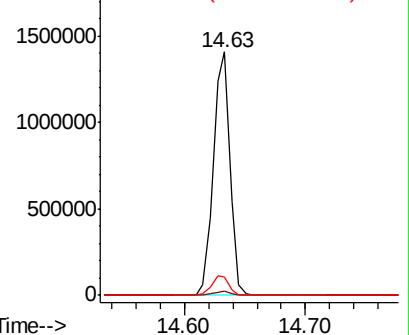
43 8.3 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 35.808 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

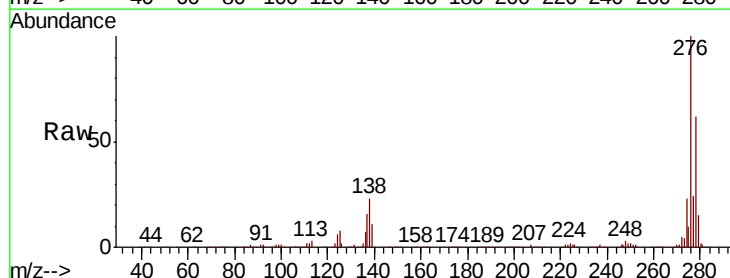
Tgt Ion:276 Resp: 927517

Ion Ratio Lower Upper

276 100

138 25.4 20.2 30.2

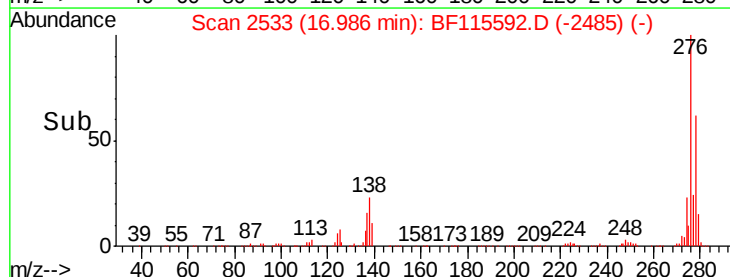
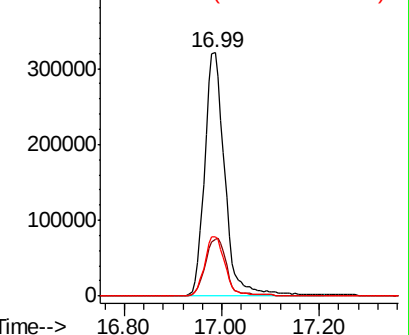
277 25.1 20.4 30.6

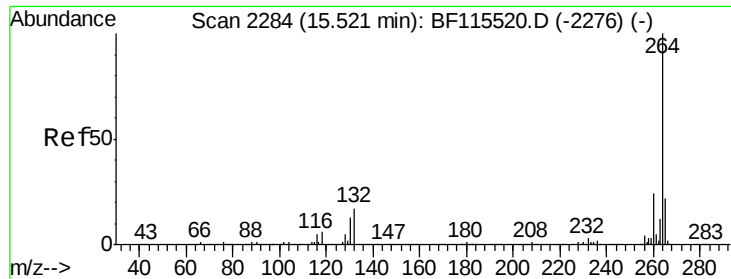


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.51 min Scan# 2282

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampleId :

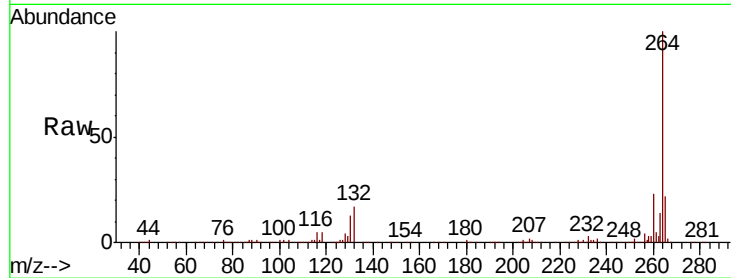
Tot Ion:264 Resp: 338685

Ion Ratio Lower Upper

264 100

260 23.4 19.8 29.8

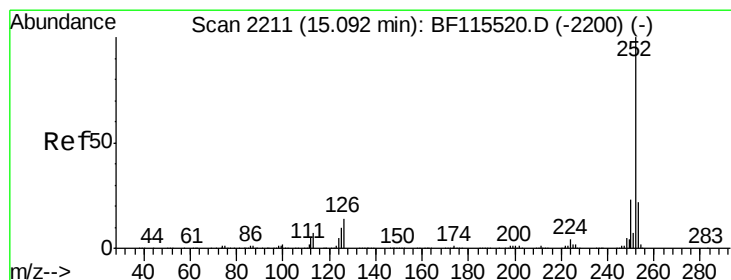
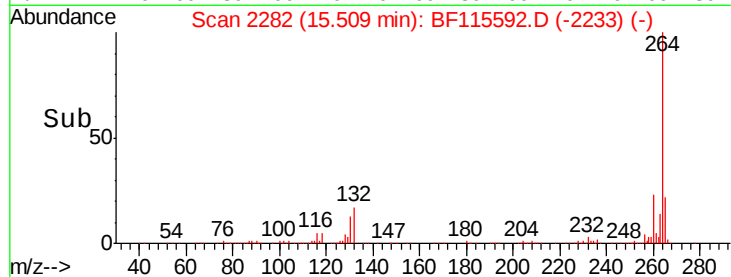
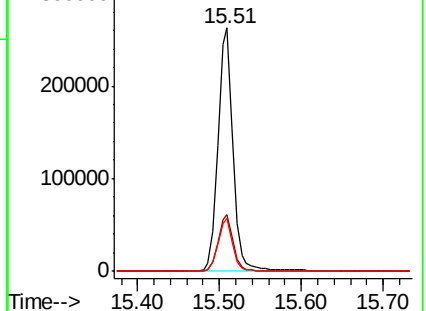
265 21.8 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 49.049 ng

RT: 15.08 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

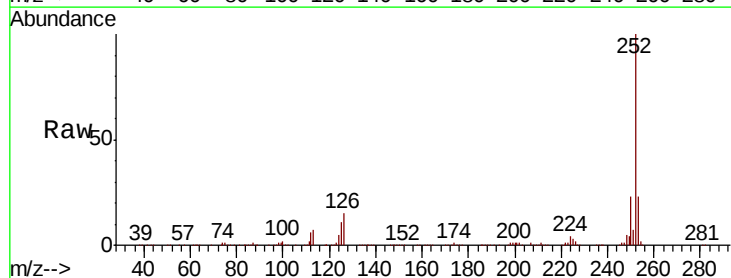
Tgt Ion:252 Resp: 1069696

Ion Ratio Lower Upper

252 100

253 22.5 18.1 27.1

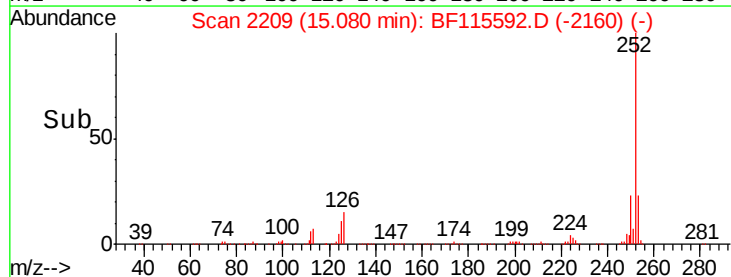
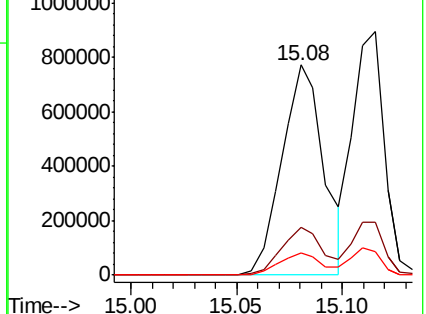
125 10.8 9.0 13.4

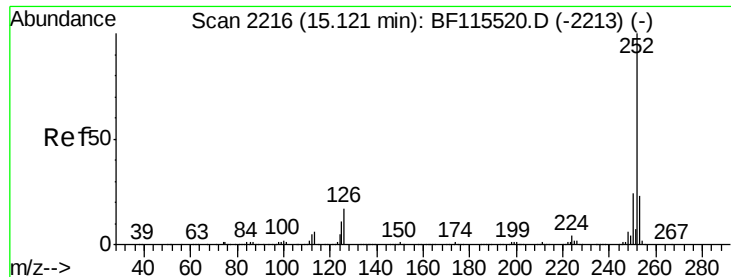


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

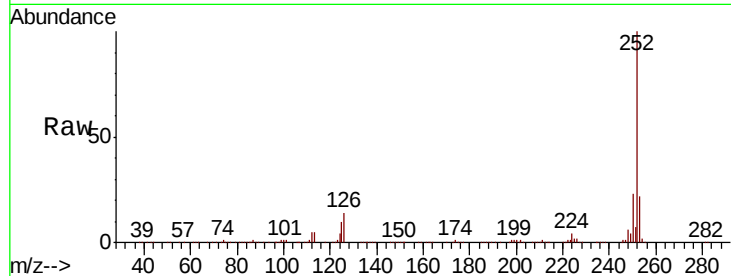




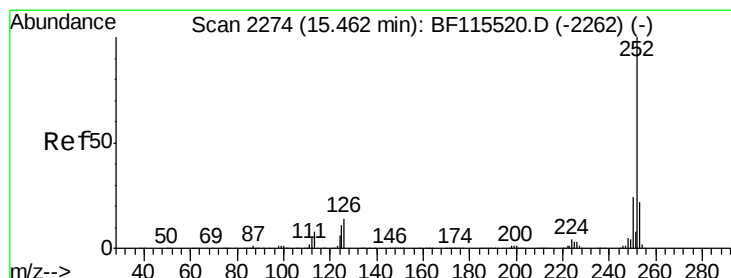
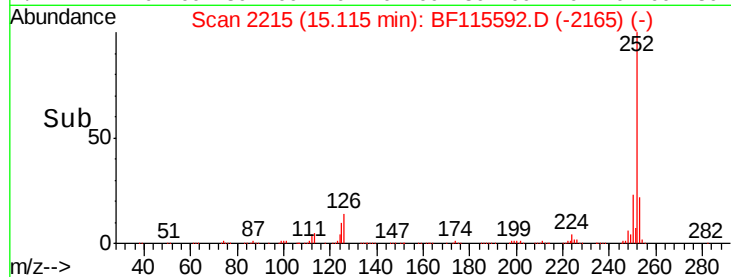
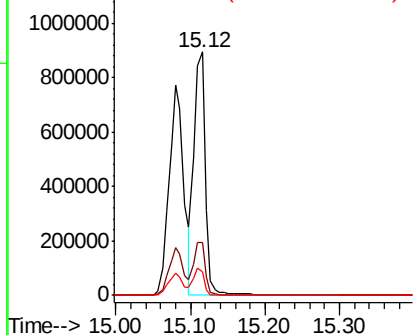
#89
Benzo(k)fluoranthene
Concen: 49.217 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 956946
Ion Ratio Lower Upper
252 100
253 21.6 18.6 28.0
125 9.7 9.0 13.6

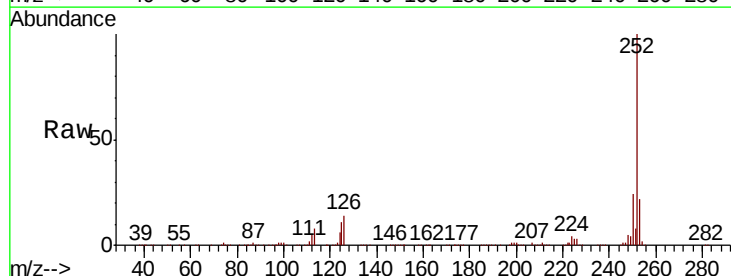


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

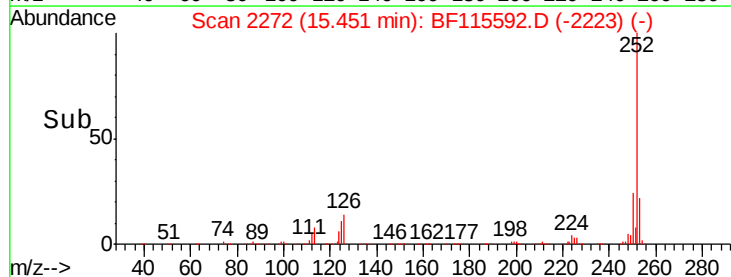
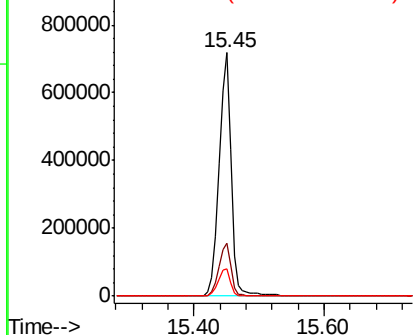


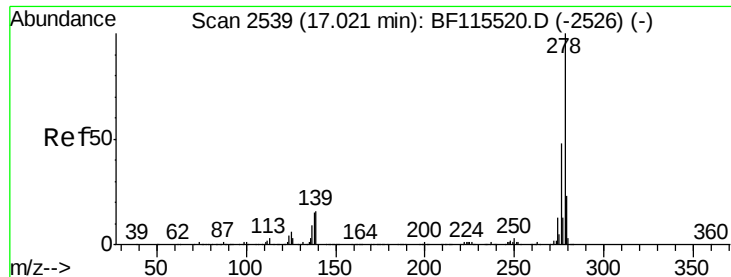
#90
Benzo(a)pyrene
Concen: 49.267 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115592.D
Acq: 16 Jul 2019 12:40

Tgt Ion:252 Resp: 923470
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 11.0 9.1 13.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 48.003 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

Instrument :

BNA_F

ClientSampleId :

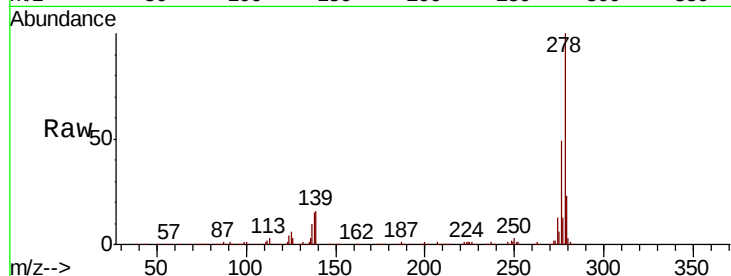
Tot Ion:278 Resp: 789916

Ion Ratio Lower Upper

278 100

139 16.1 13.1 19.7

279 23.2 19.6 29.4

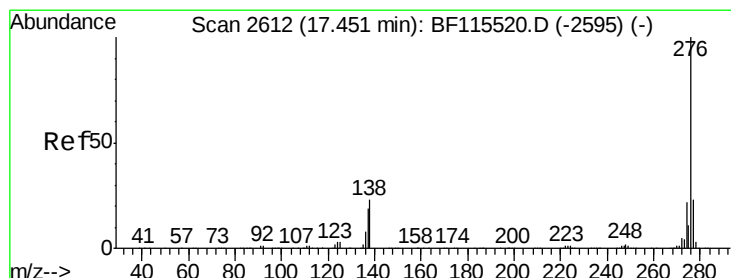
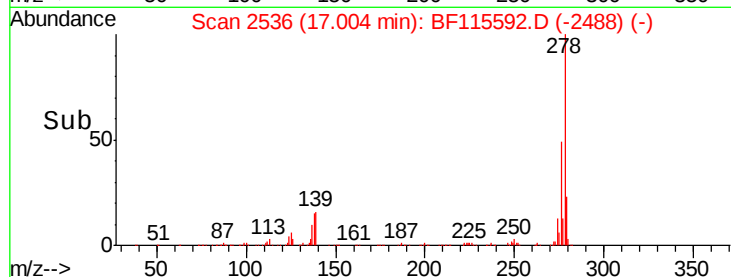
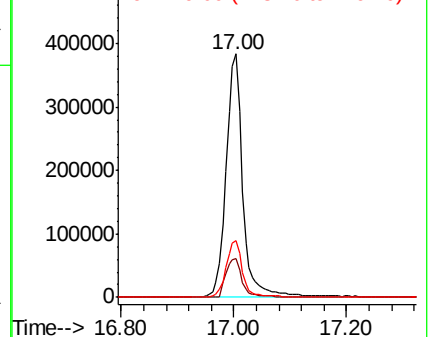


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.515 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF115592.D

Acq: 16 Jul 2019 12:40

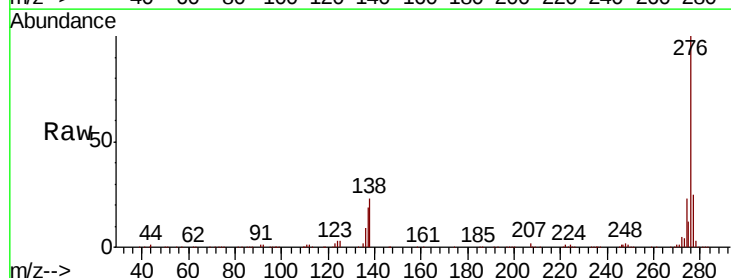
Tgt Ion:276 Resp: 763379

Ion Ratio Lower Upper

276 100

277 24.8 19.0 28.4

138 22.6 17.2 25.8



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

