

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115585.D
 Acq On : 16 Jul 2019 9:33
 Operator : HP/JU
 Sample : PB121365BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 15:27:52 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	173691	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	720814	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	379975	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	692614	20.00	ng	0.00
76) Chrysene-d12	14.04	240	463473	20.00	ng	0.00
87) Perylene-d12	15.51	264	343164	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	1146424	107.96	ng	0.02
7) Phenol-d6	6.52	99	1462137	108.52	ng	0.00
23) Nitrobenzene-d5	7.45	82	926190	74.71	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	475297	107.16	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1729087	79.65	ng	0.00
79) Terphenyl-d14	12.99	244	1909293	76.01	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.79	88	194613	36.742	ng	99
3) Pyridine	3.53	79	490288	34.117	ng	100
4) n-Nitrosodimethylamine	3.48	42	217763	41.770	ng	98
6) Aniline	6.55	93	450535	24.027	ng	99
8) 2-Chlorophenol	6.67	128	465159	38.101	ng	95
9) Benzaldehyde	6.43	77	73172	8.690	ng	99
10) Phenol	6.53	94	569735	36.425	ng	85
11) bis(2-Chloroethyl)ether	6.62	93	433243	36.381	ng	98
12) 1,3-Dichlorobenzene	6.83	146	480389	34.998	ng	98
13) 1,4-Dichlorobenzene	6.90	146	488584	35.675	ng	97
14) 1,2-Dichlorobenzene	7.06	146	455435	36.378	ng	96
15) Benzyl Alcohol	7.02	79	403812	37.780	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	568467	36.259	ng	98
17) 2-Methylphenol	7.13	107	397622	37.793	ng	99
18) Hexachloroethane	7.40	117	177118	34.843	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	320842	36.511	ng	99
20) 3+4-Methylphenols	7.29	107	471484	37.727	ng	96
22) Acetophenone	7.29	105	632750	38.857	ng	# 94
24) Nitrobenzene	7.46	77	503370	37.647	ng	97
25) Isophorone	7.70	82	927565	37.393	ng	99
26) 2-Nitrophenol	7.78	139	266176	38.676	ng	95
27) 2,4-Dimethylphenol	7.82	122	441753	42.900	ng	100
28) bis(2-Chloroethoxy)methane	7.91	93	589110	38.712	ng	99
29) 2,4-Dichlorophenol	8.02	162	410892	38.368	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	449568	37.138	ng	97
31) Naphthalene	8.19	128	1358055	38.902	ng	97
32) Benzoic acid	7.95	122	343307	40.625	ng	98
33) 4-Chloroaniline	8.23	127	312001	20.177	ng	98
34) Hexachlorobutadiene	8.31	225	253640	36.538	ng	100
35) Caprolactam	8.60	113	89792	27.134	ng	97
36) 4-Chloro-3-methylphenol	8.72	107	434265	39.092	ng	100
37) 2-Methylnaphthalene	8.88	142	916957	39.626	ng	98
38) 1-Methylnaphthalene	8.98	142	862487	39.240	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	424393	37.089	ng	98

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071619\
 Data File : BF115585.D
 Acq On : 16 Jul 2019 9:33
 Operator : HP/JU
 Sample : PB121365BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 15:27:52 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)
41) Hexachlorocyclopentadiene	9.04	237	349845	53.598	ng	99
43) 2,4,6-Trichlorophenol	9.16	196	299924	35.843	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	314666	36.720	ng	99
46) 1,1'-Biphenyl	9.35	154	1122610	37.791	ng	99
47) 2-Chloronaphthalene	9.37	162	885596	35.804	ng	98
48) 2-Nitroaniline	9.46	65	263394	34.405	ng	97
49) Acenaphthylene	9.79	152	1372068	37.436	ng	97
50) Dimethylphthalate	9.65	163	1030831	36.058	ng	99
51) 2,6-Dinitrotoluene	9.70	165	238892	36.770	ng	91
52) Acenaphthene	9.96	154	1000253	42.272	ng	99
53) 3-Nitroaniline	9.87	138	185597	24.999	ng	97
54) 2,4-Dinitrophenol	9.98	184	269528	80.803	ng	93
55) Dibenzofuran	10.13	168	1277454	38.015	ng	99
56) 4-Nitrophenol	10.03	139	394387	69.662	ng	99
57) 2,4-Dinitrotoluene	10.10	165	333434	39.614	ng	99
58) Fluorene	10.47	166	933408	38.855	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	289541	40.418	ng	99
60) Diethylphthalate	10.35	149	1060496	39.592	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	481727	36.161	ng	98
62) 4-Nitroaniline	10.49	138	249879	35.088	ng	100
63) Azobenzene	10.62	77	1006580	38.742	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	171560	40.542	ng	98
66) n-Nitrosodiphenylamine	10.58	169	868728	40.322	ng	98
67) 4-Bromophenyl-phenylether	10.95	248	302724	38.247	ng	99
68) Hexachlorobenzene	11.02	284	353517	39.111	ng	95
69) Atrazine	11.10	200	258210	36.533	ng	99
70) Pentachlorophenol	11.22	266	403673	73.018	ng	99
71) Phenanthrene	11.43	178	1365306	38.456	ng	98
72) Anthracene	11.49	178	1386666	37.793	ng	100
73) Carbazole	11.63	167	1242404	38.614	ng	99
74) Di-n-butylphthalate	11.96	149	1505176	37.979	ng	99
75) Fluoranthene	12.62	202	1415991	37.743	ng	100
77) Benzidine	12.73	184	304676	18.557	ng	99
78) Pyrene	12.85	202	1415446	36.047	ng	98
80) Butylbenzylphthalate	13.46	149	662540	39.580	ng	98
81) Benzo(a)anthracene	14.03	228	1135442	37.187	ng	96
82) 3,3'-Dichlorobenzidine	13.99	252	348026	32.063	ng	99
83) Chrysene	14.07	228	1192192	38.895	ng	97
84) Bis(2-ethylhexyl)phthalate	14.02	149	839234	40.475	ng	98
85) Di-n-octyl phthalate	14.63	149	1367210	41.442	ng	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	933937	35.864	ng	99
88) Benzo(b)fluoranthene	15.08	252	1058255	47.891	ng	100
89) Benzo(k)fluoranthene	15.12	252	966347	49.051	ng	97
90) Benzo(a)pyrene	15.45	252	931874	49.066	ng	99
91) Dibenzo(a,h)anthracene	17.00	278	792159	47.511	ng	99
92) Benzo(g,h,i)perylene	17.43	276	725750	43.645	ng	98

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

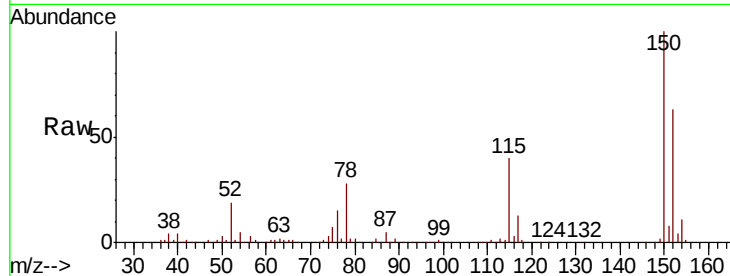


#1

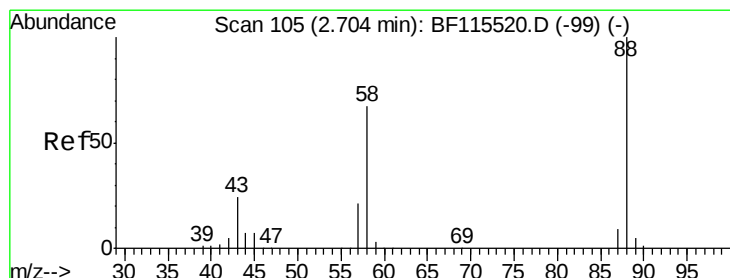
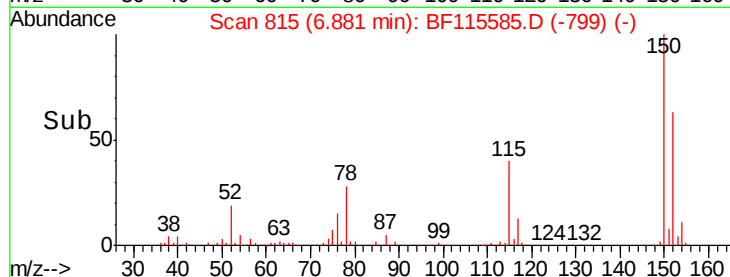
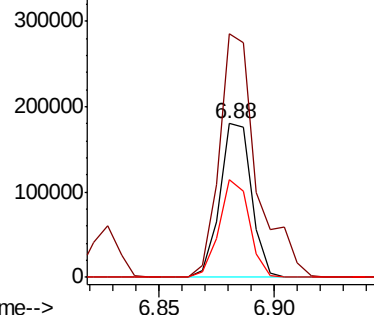
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 173691
Ion Ratio Lower Upper
152 100
150 158.4 129.7 194.5
115 63.2 48.2 72.4



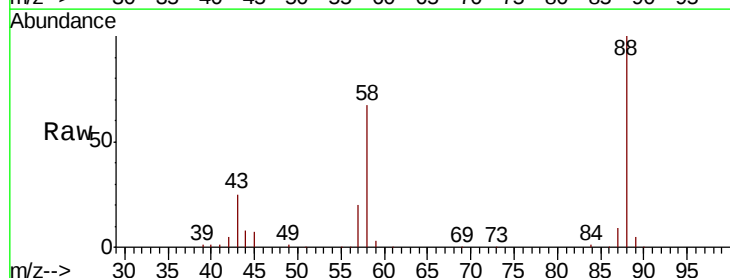
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



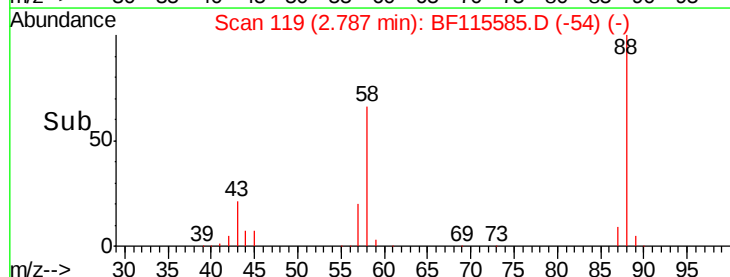
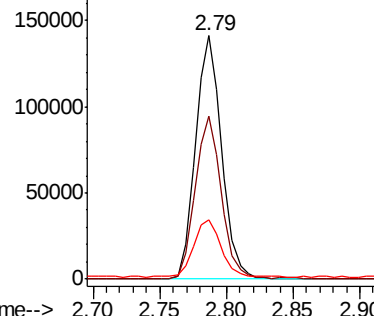
#2

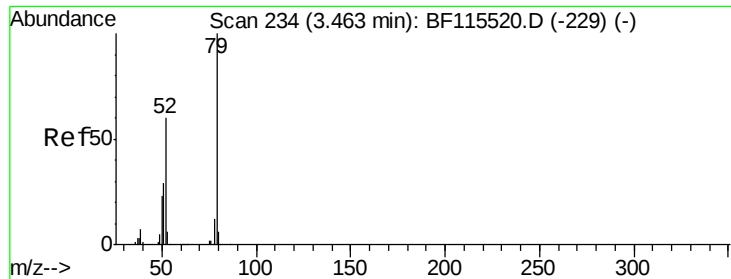
1,4-Dioxane
Concen: 36.742 ng
RT: 2.79 min Scan# 119
Delta R.T. 0.08 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion: 88 Resp: 194613
Ion Ratio Lower Upper
88 100
58 66.4 52.6 79.0
43 24.4 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: 34.117 ng

RT: 3.53 min Scan# 245

Delta R.T. 0.06 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

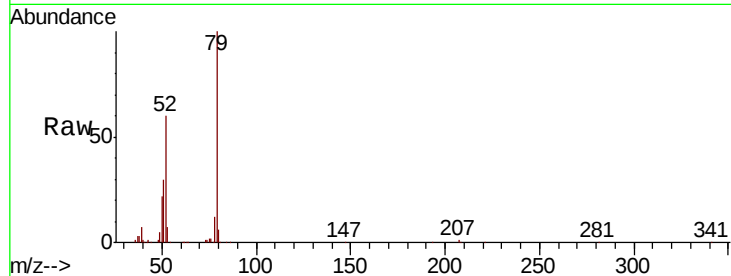
Tot Ion: 79 Resp: 490288

Ion Ratio Lower Upper

79 100

52 60.0 47.8 71.6

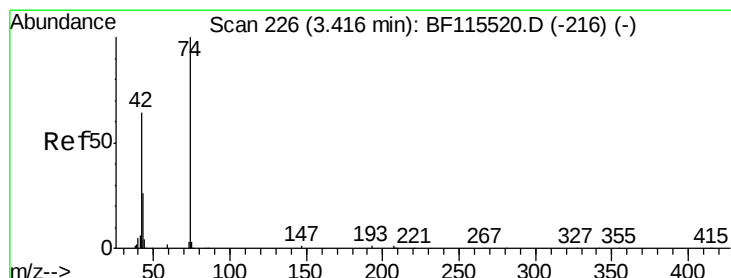
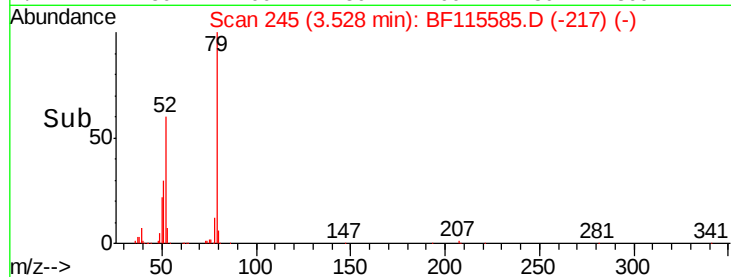
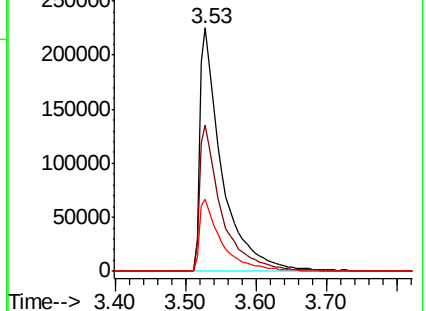
51 29.5 23.8 35.8



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: 41.770 ng

RT: 3.48 min Scan# 236

Delta R.T. 0.06 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

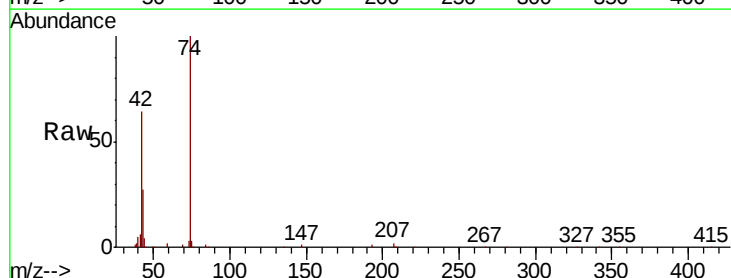
Tgt Ion: 42 Resp: 217763

Ion Ratio Lower Upper

42 100

74 156.4 127.5 191.3

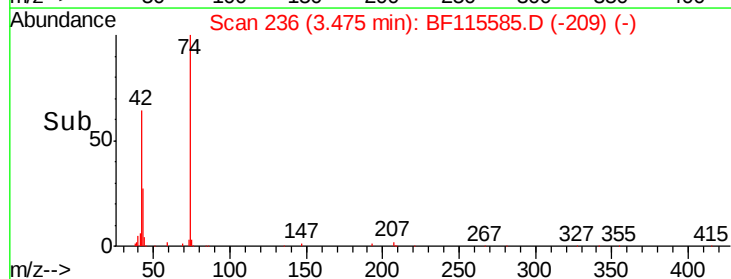
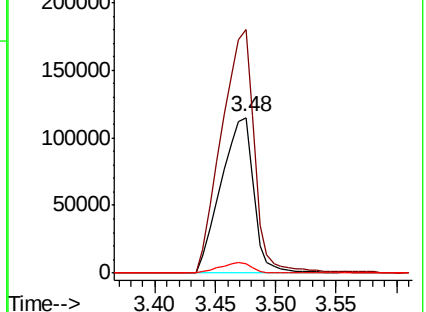
44 6.2 5.0 7.6

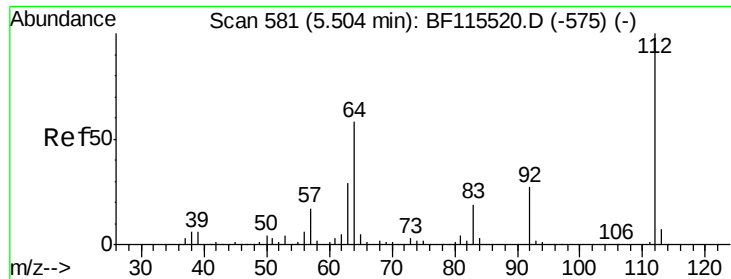


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.963 ng

RT: 5.52 min Scan# 584

Delta R.T. 0.02 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

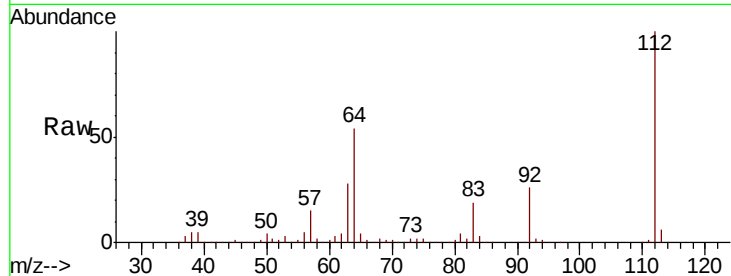
Tot Ion: 112 Resp: 1146424

Ion Ratio Lower Upper

112 100

64 53.9 46.8 70.2

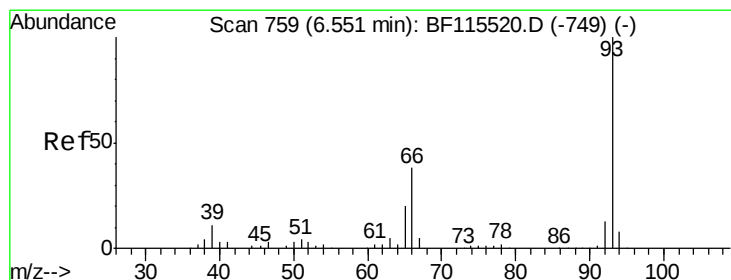
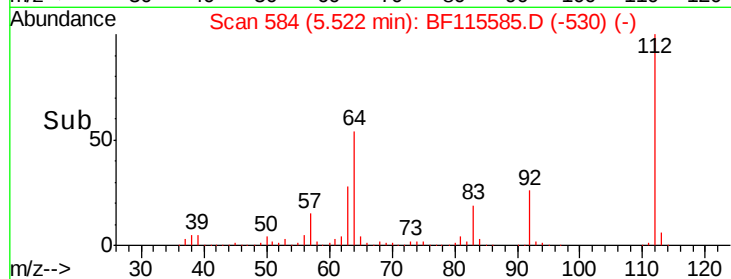
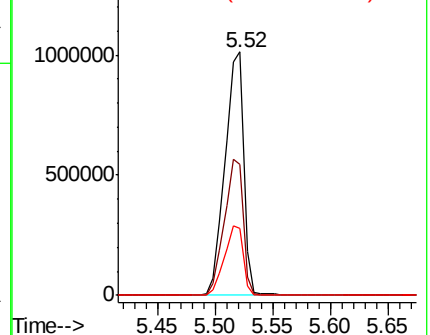
63 27.6 24.1 36.1



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: 24.027 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

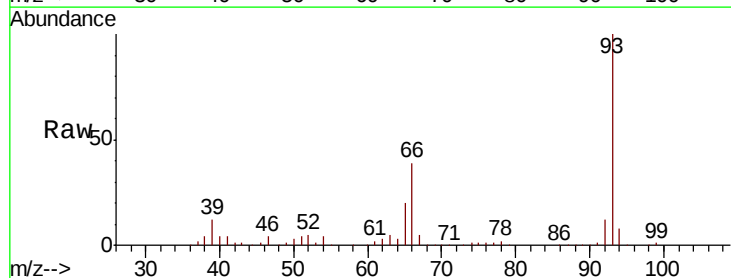
Tgt Ion: 93 Resp: 450535

Ion Ratio Lower Upper

93 100

66 39.3 31.7 47.5

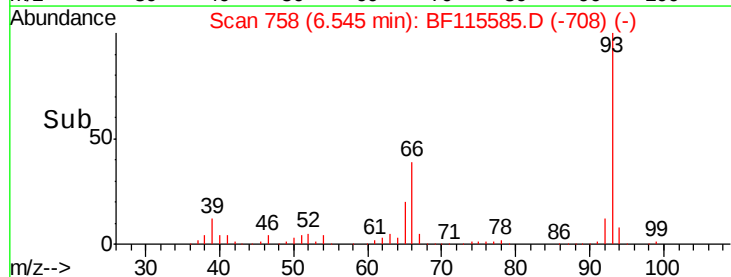
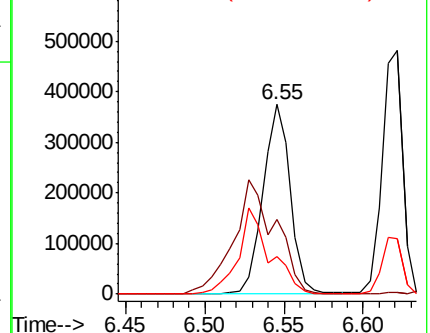
65 19.8 16.2 24.2

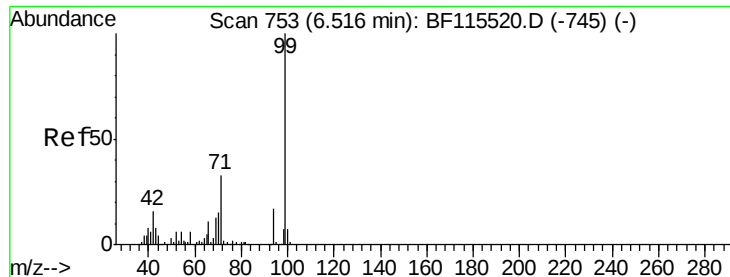


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.516 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

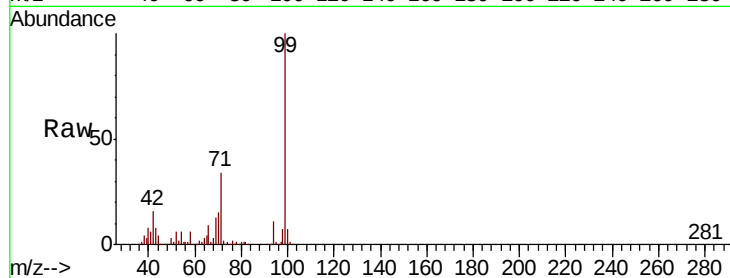
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1462137

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.6	20.4
71	34.4	28.5	42.7

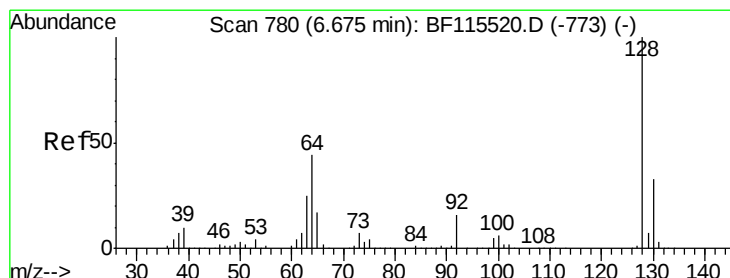
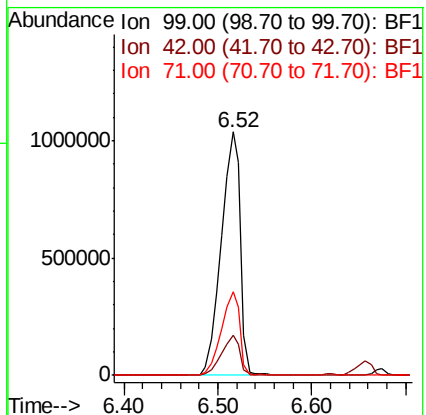
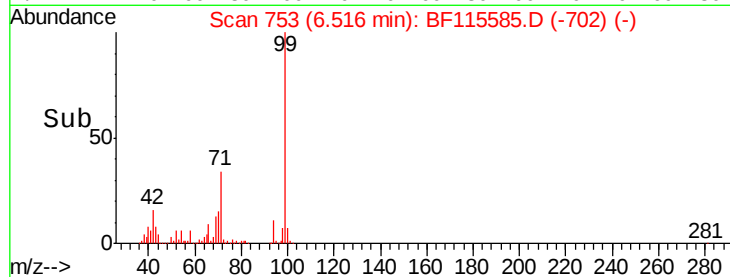


Abundance

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: 38.101 ng

RT: 6.67 min Scan# 780

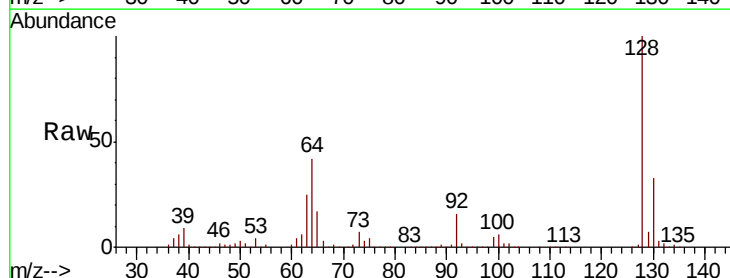
Delta R.T. 0.00 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Tgt Ion: 128 Resp: 465159

Ion	Ratio	Lower	Upper
128	100		
130	33.3	12.8	52.8
64	41.9	26.8	66.8

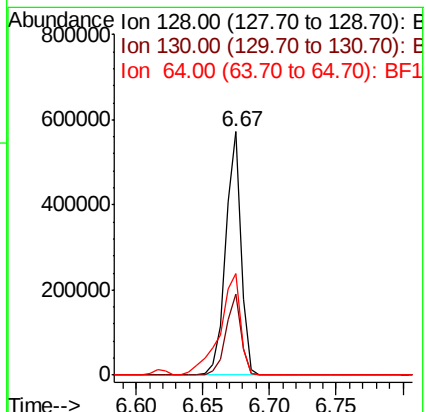
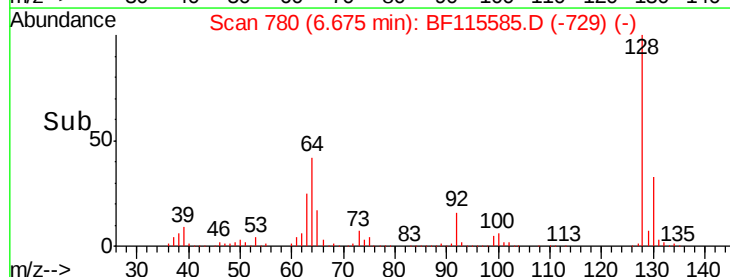


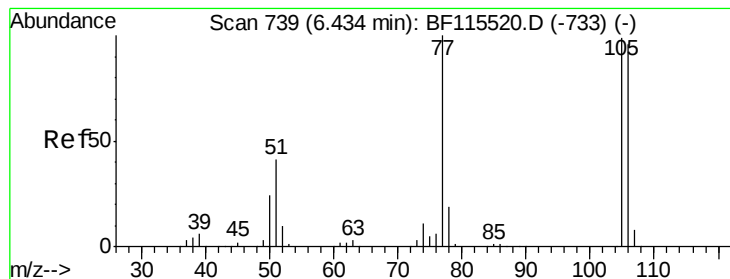
Abundance

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: 8.690 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampled :

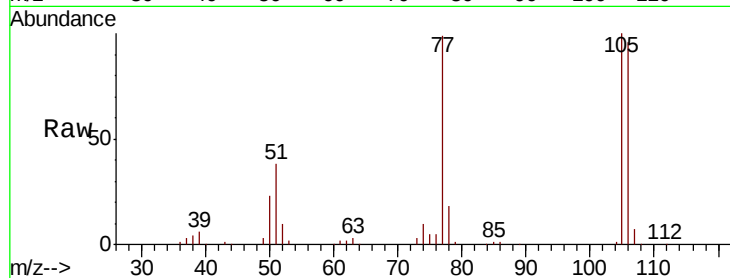
Tot Ion: 77 Resp: 73172

Ion Ratio Lower Upper

77 100

105 100.5 78.8 118.8

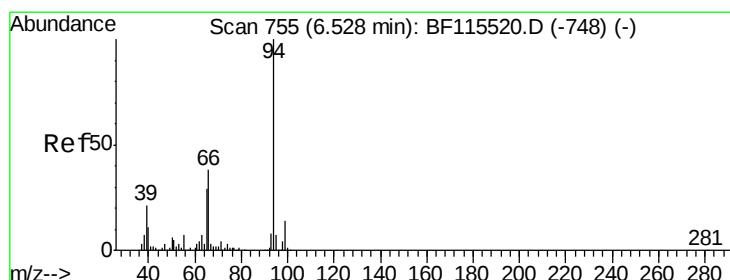
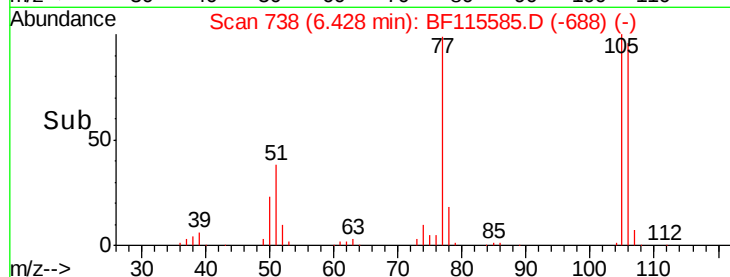
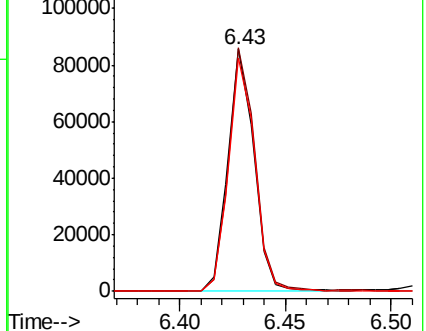
106 96.3 75.6 115.6



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.425 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

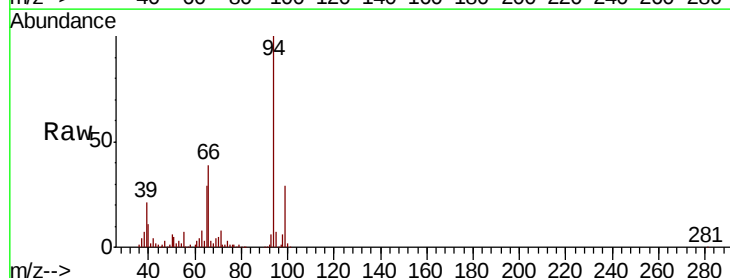
Tgt Ion: 94 Resp: 569735

Ion Ratio Lower Upper

94 100

65 28.9 14.5 54.5

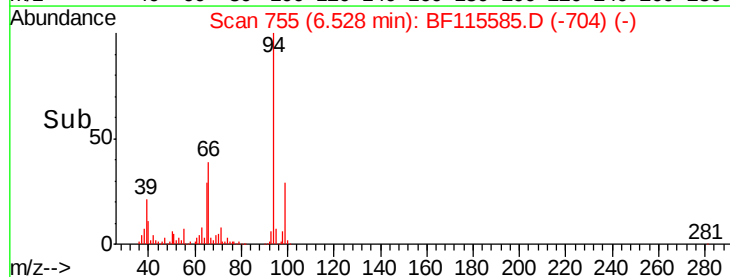
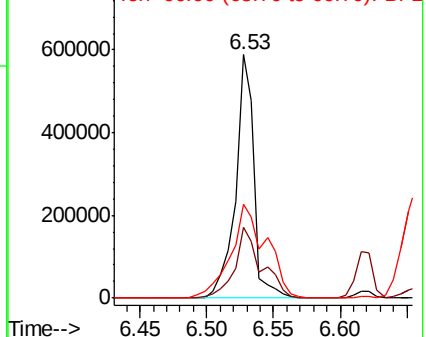
66 38.5 31.3 71.3

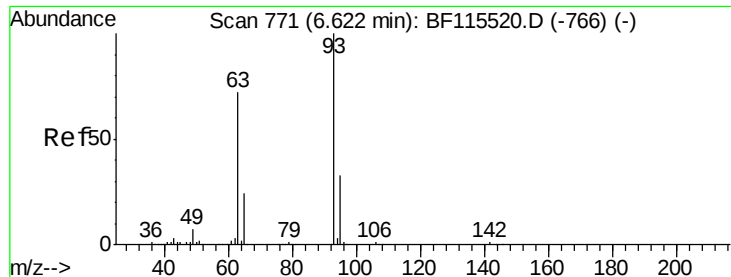


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 36.381 ng

RT: 6.62 min Scan# 771

Delta R.T. 0.00 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

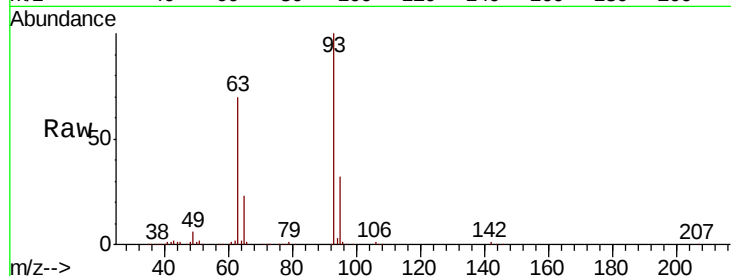
Tot Ion: 93 Resp: 433243

Ion Ratio Lower Upper

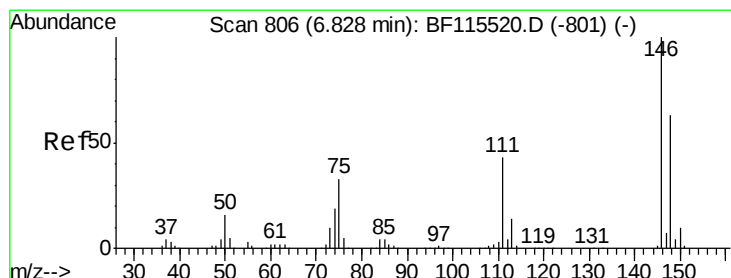
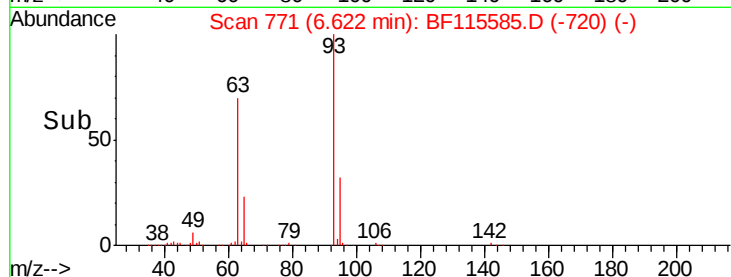
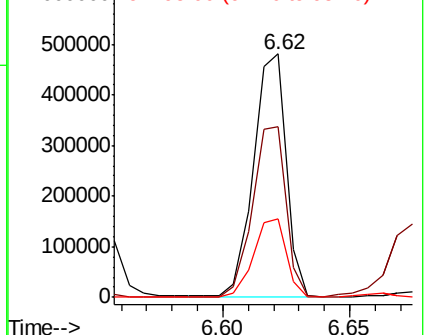
93 100

63 70.0 52.2 92.2

95 32.3 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: 34.998 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

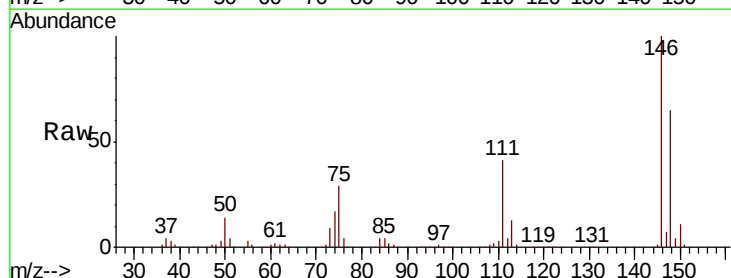
Tgt Ion: 146 Resp: 480389

Ion Ratio Lower Upper

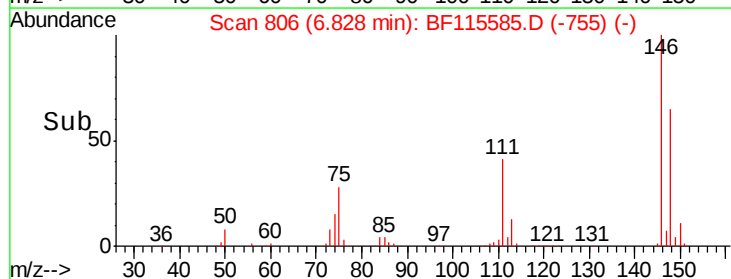
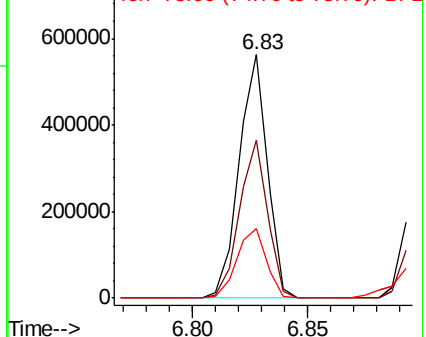
146 100

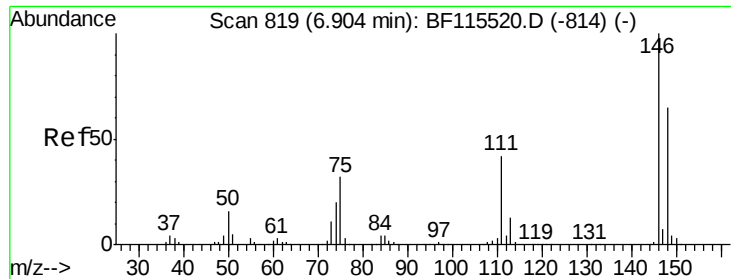
148 64.7 52.1 78.1

75 28.7 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

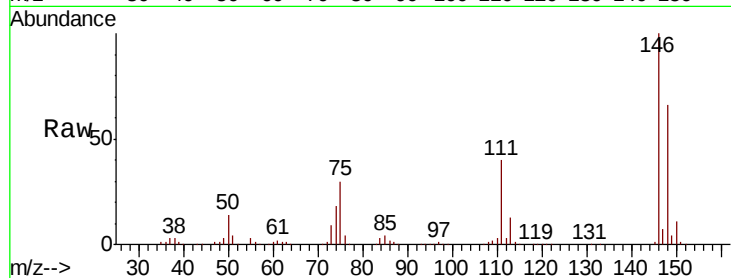




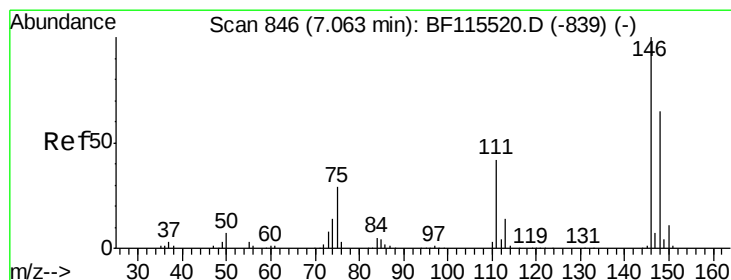
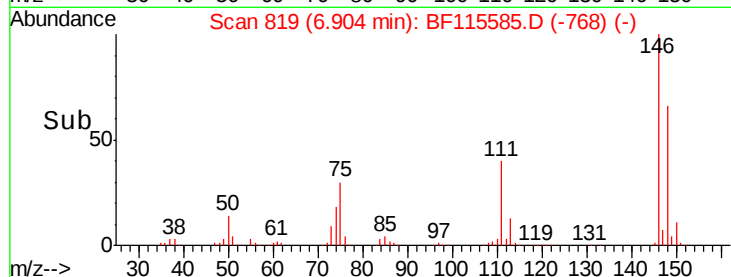
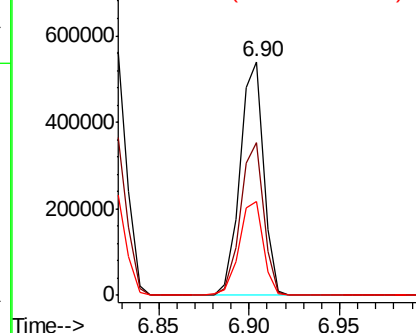
#13
 1,4-Dichlorobenzene
 Concen: 35.675 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.00 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 488584
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.8 77.6
 111 40.2 35.5 53.3

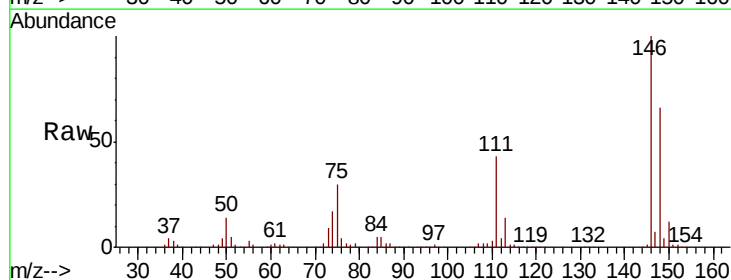


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

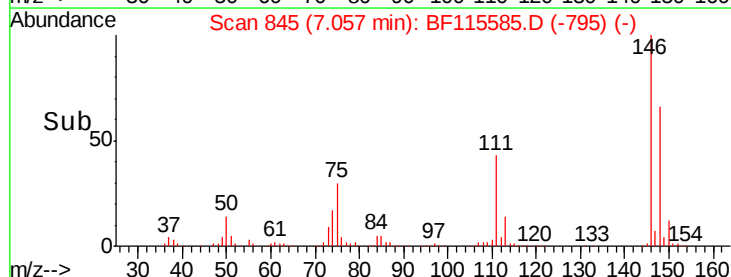
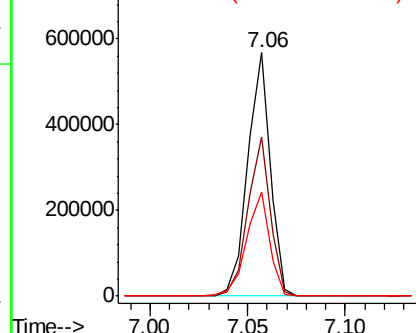


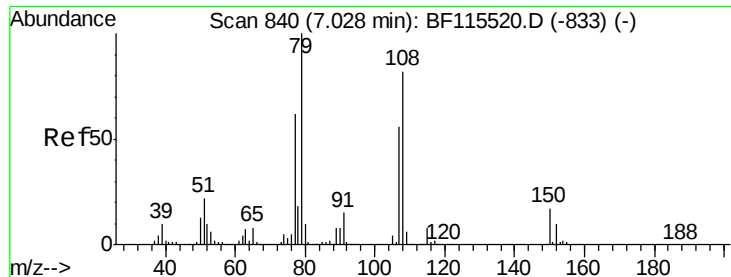
#14
 1,2-Dichlorobenzene
 Concen: 36.378 ng
 RT: 7.06 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion:146 Resp: 455435
 Ion Ratio Lower Upper
 146 100
 148 65.6 51.1 76.7
 111 42.6 37.6 56.4



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 37.780 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

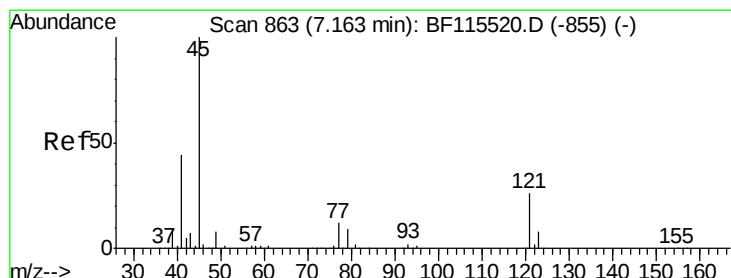
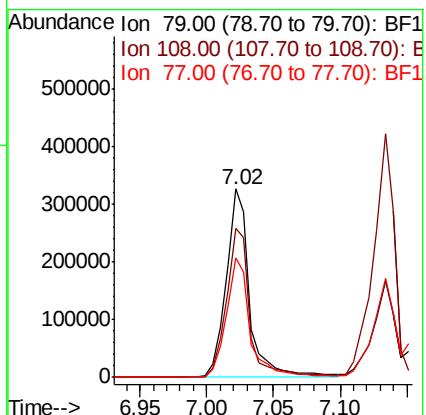
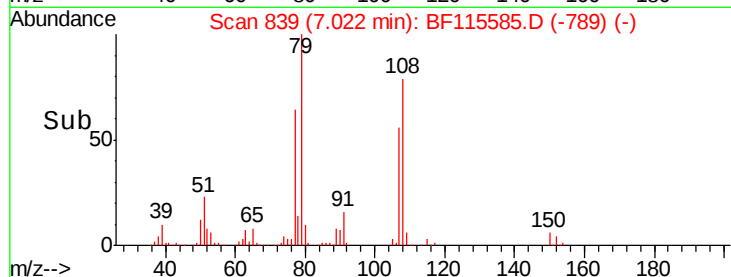
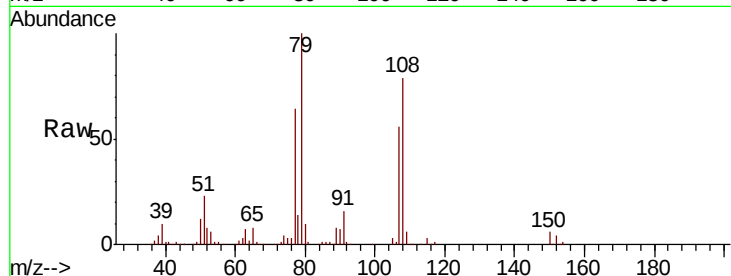
Tot Ion: 79 Resp: 403812

Ion Ratio Lower Upper

79 100

108 79.2 64.2 96.4

77 63.5 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 36.259 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

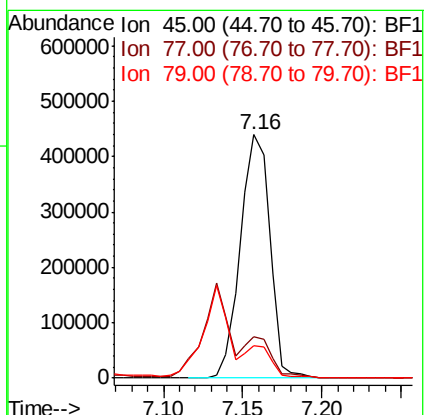
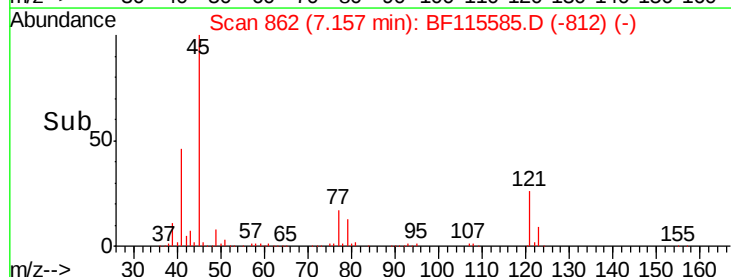
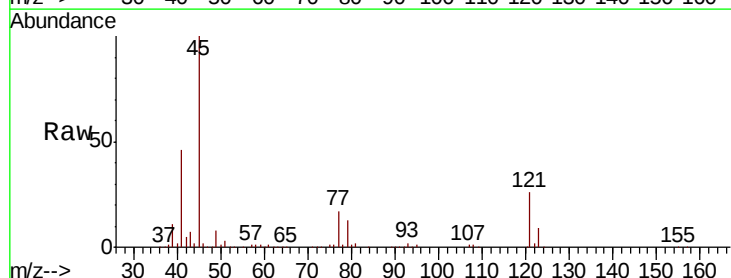
Tgt Ion: 45 Resp: 568467

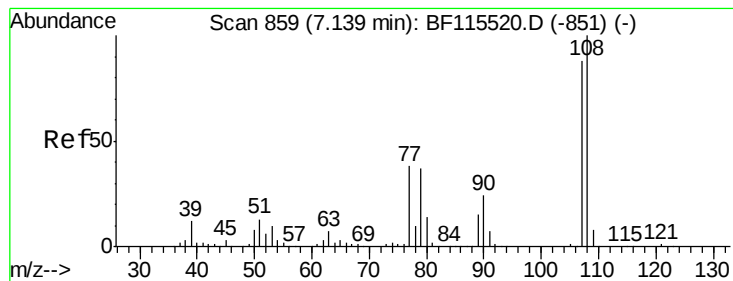
Ion Ratio Lower Upper

45 100

77 17.2 0.0 38.1

79 13.4 0.0 34.1

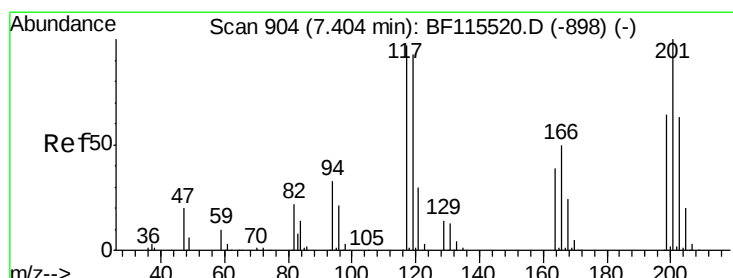
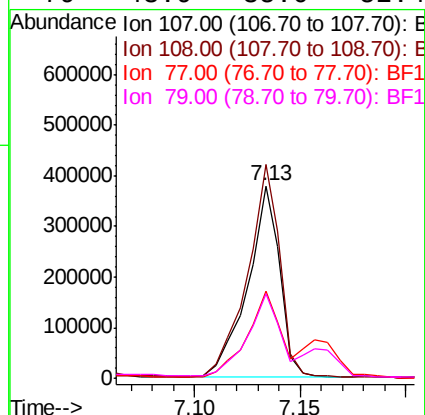
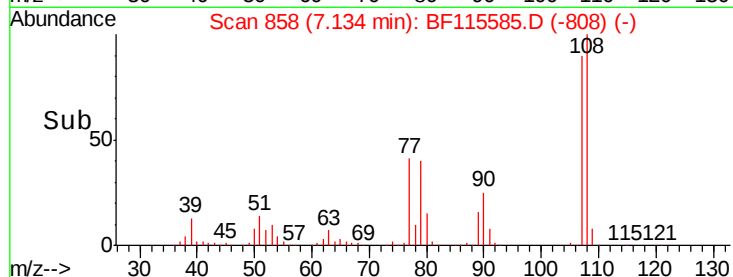
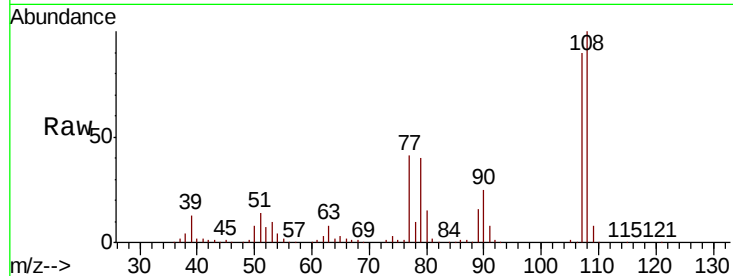




#17
2-Methylphenol
Concen: 37.793 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

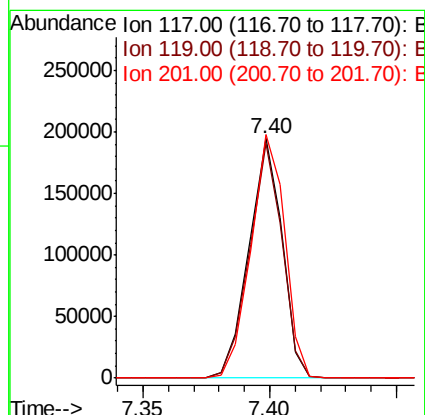
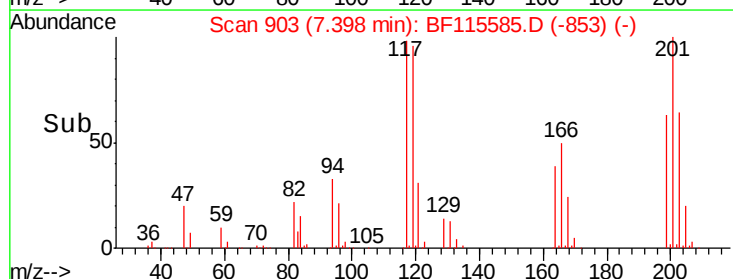
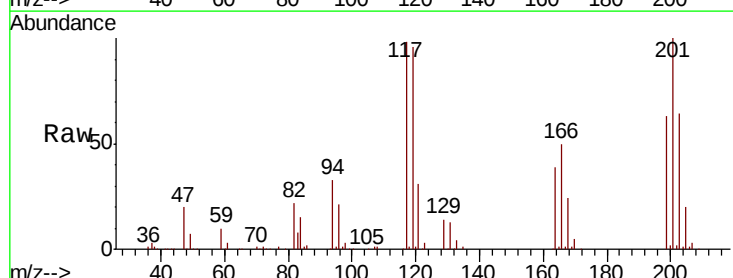
Instrument :
BNA_F
ClientSampleId :

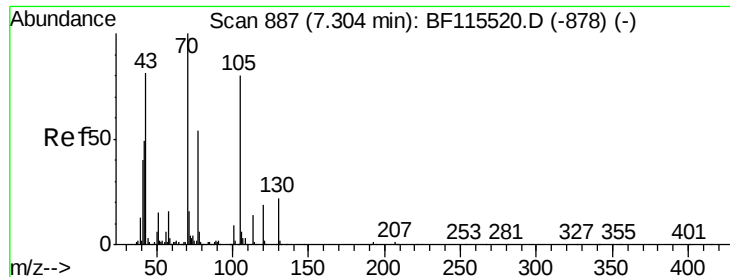
Tot Ion	Ratio	Lower	Upper
107	100		
108	111.1	89.4	134.2
77	45.1	35.7	53.5
79	43.9	35.0	52.4



#18
Hexachloroethane
Concen: 34.843 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.9	77.7	116.5
201	101.7	86.0	129.0

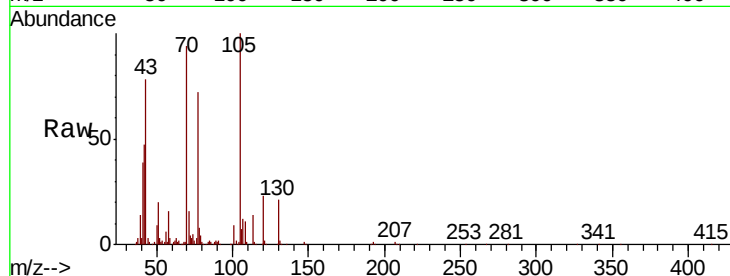




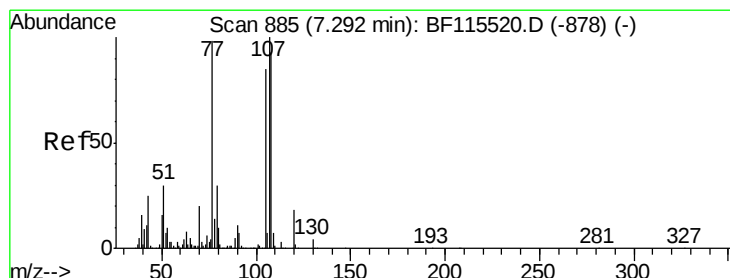
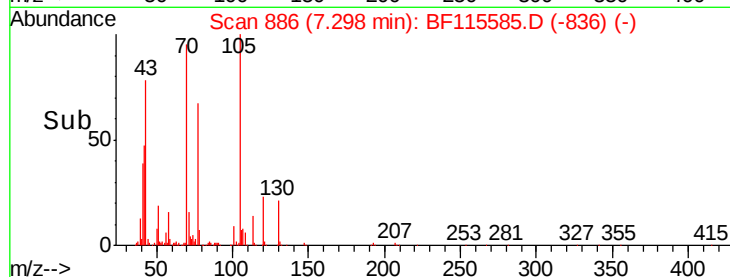
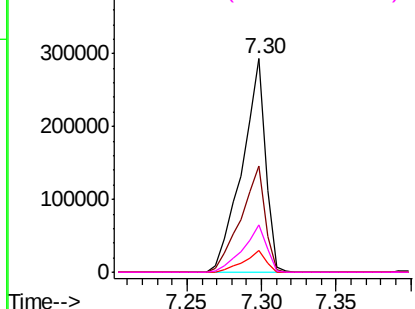
#19
n-Nitroso-di-n-propylamine
Concen: 36.511 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 320842
Ion Ratio Lower Upper
70 100
42 50.0 39.6 59.4
101 9.9 8.1 12.1
130 22.4 18.2 27.2



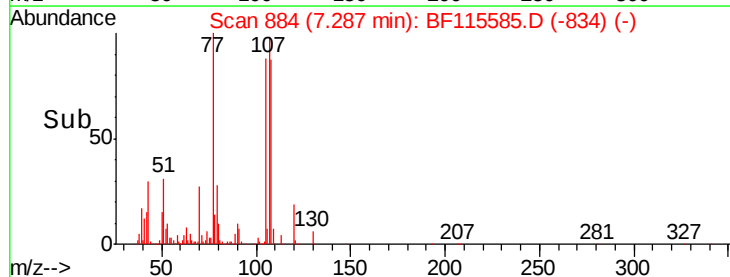
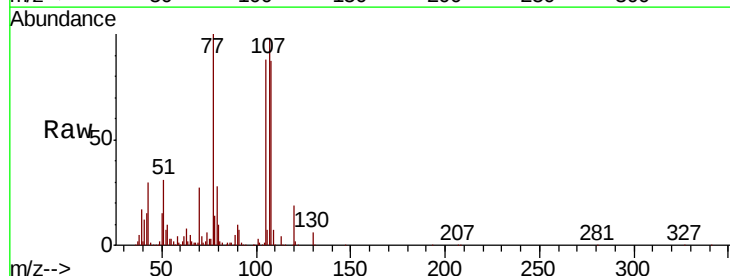
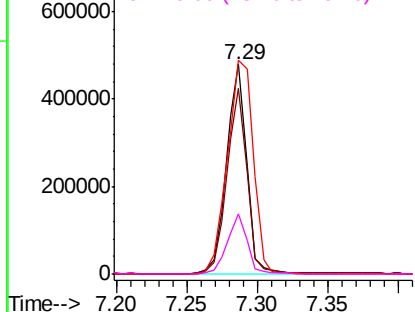
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

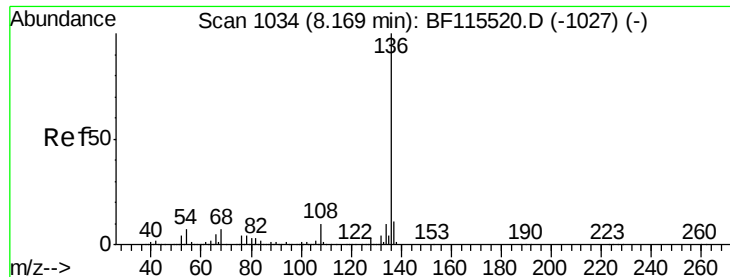


#20
3+4-Methylphenols
Concen: 37.727 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion: 107 Resp: 471484
Ion Ratio Lower Upper
107 100
108 88.5 72.9 112.9
77 101.9 77.6 117.6
79 28.5 10.5 50.5

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

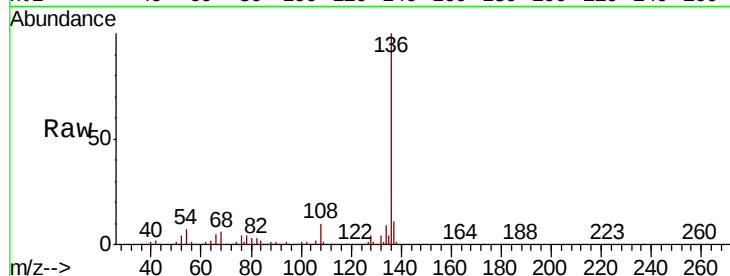




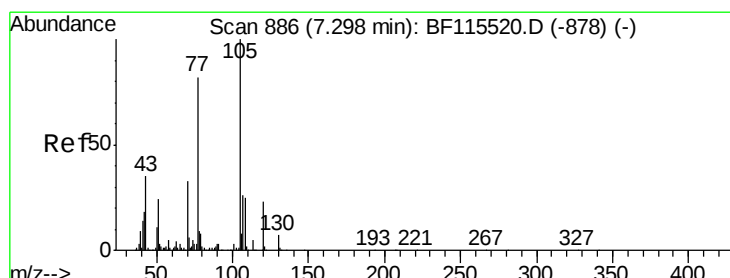
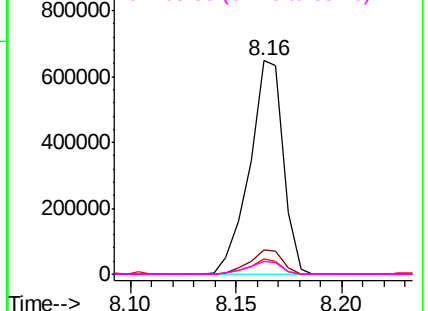
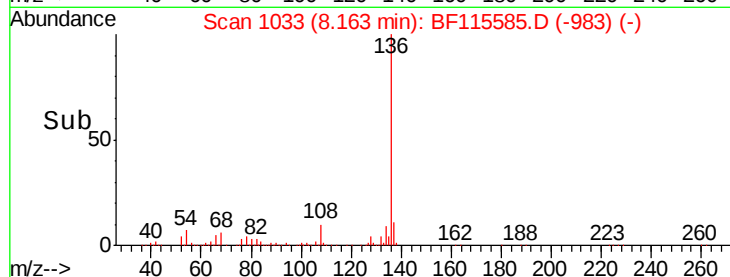
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp: 720814
Ion Ratio	Lower Upper
136 100	
137 11.2	9.0 13.4
54 7.0	5.6 8.4
68 6.3	5.0 7.6

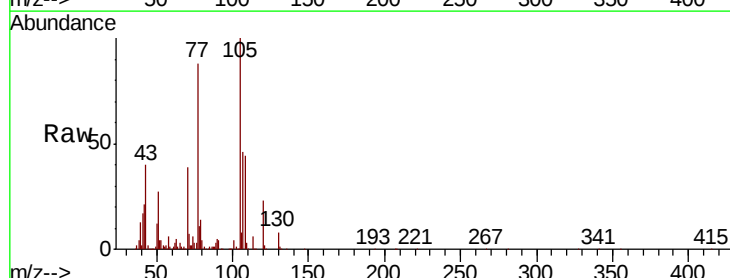


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

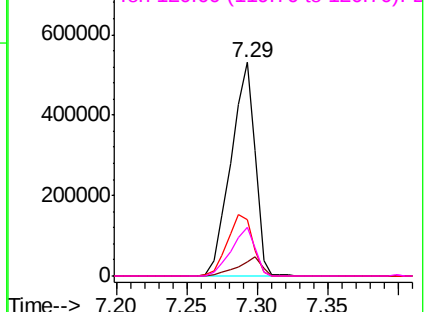
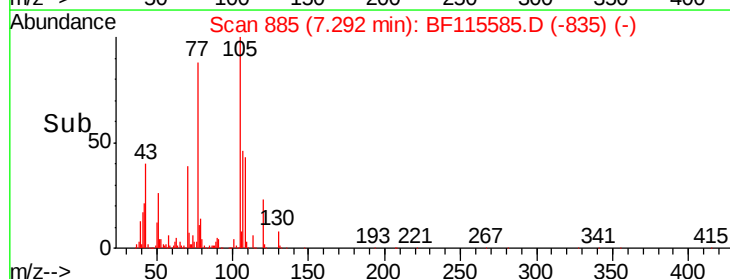


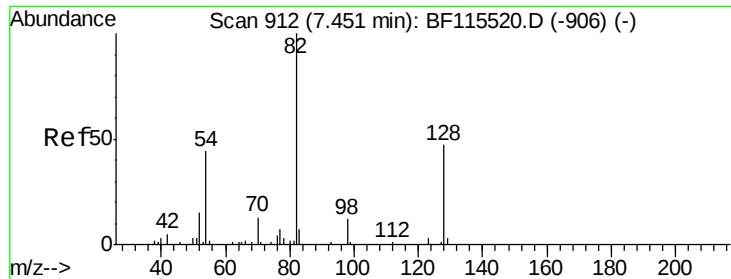
#22
Acetophenone
Concen: 38.857 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt	Ion:105	Resp:	632750
Ion	Ratio	Lower	Upper
105	100		
71	6.8	3.5	5.3#
51	26.6	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

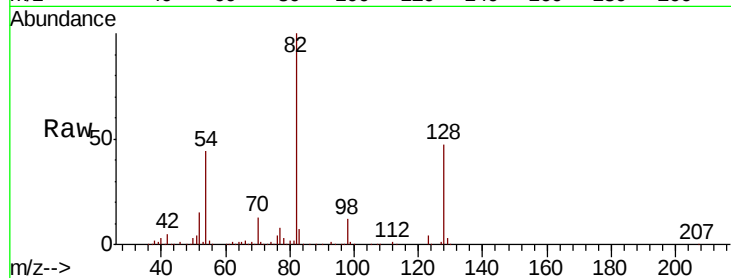




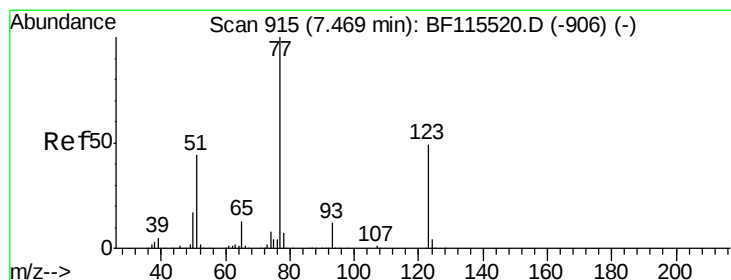
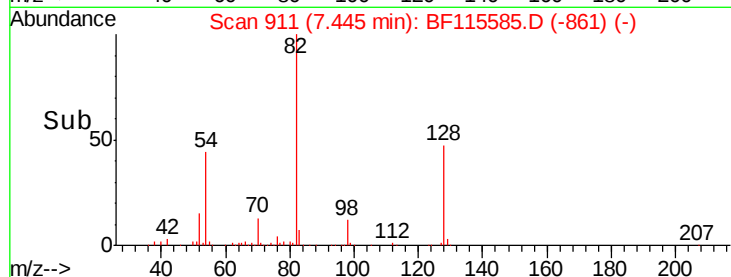
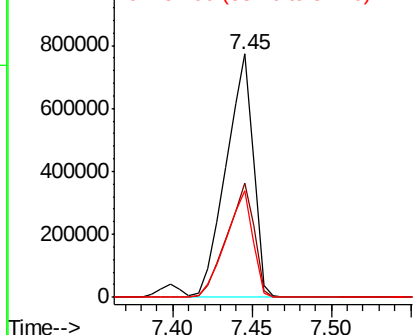
#23
 Nitrobenzene-d5
 Concen: 74.714 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	82	Resp	926190
Ion Ratio	Lower	Upper	
82	100		
128	47.2	38.6	57.8
54	43.8	35.6	53.4

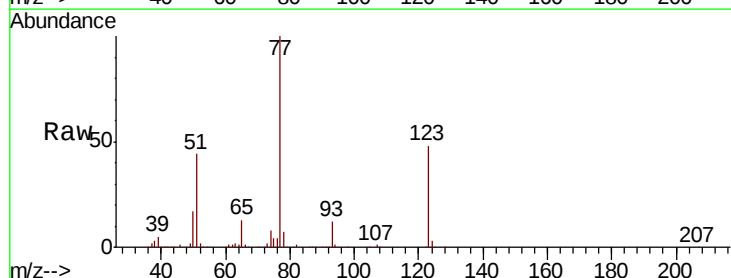


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

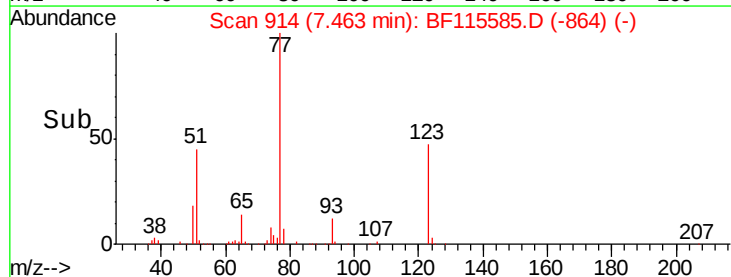
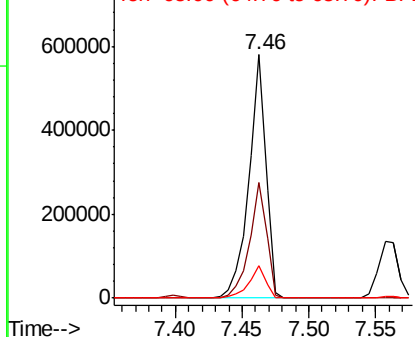


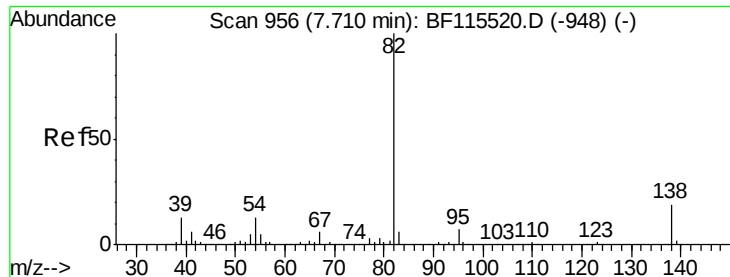
#24
 Nitrobenzene
 Concen: 37.647 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion	77	Resp	503370
Ion Ratio	Lower	Upper	
77	100		
123	47.6	40.0	60.0
65	13.1	11.0	16.4



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 37.393 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

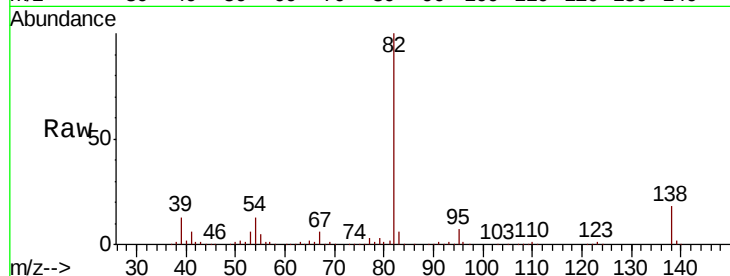
Tot Ion: 82 Resp: 927565

Ion Ratio Lower Upper

82 100

95 6.7 5.5 8.3

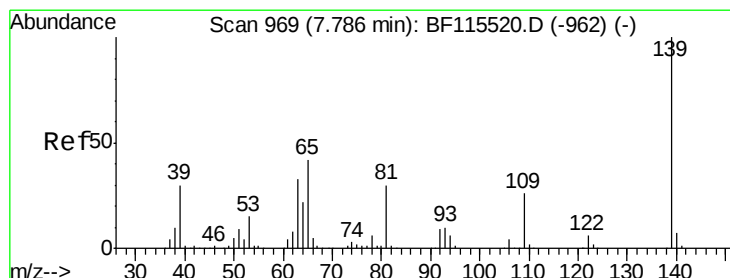
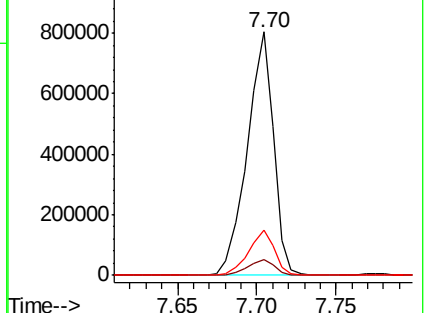
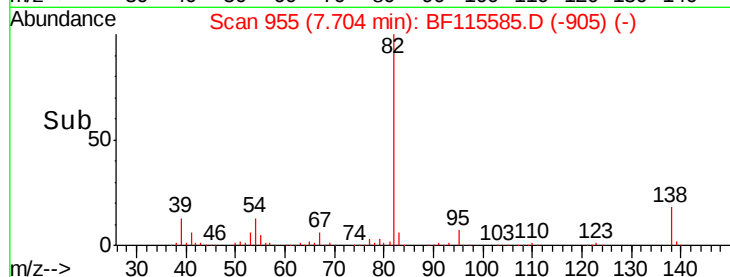
138 18.3 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 38.676 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

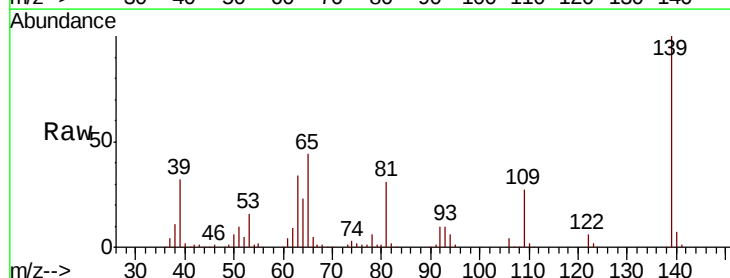
Tgt Ion: 139 Resp: 266176

Ion Ratio Lower Upper

139 100

109 26.8 23.3 34.9

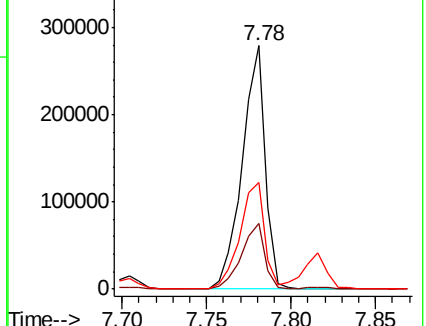
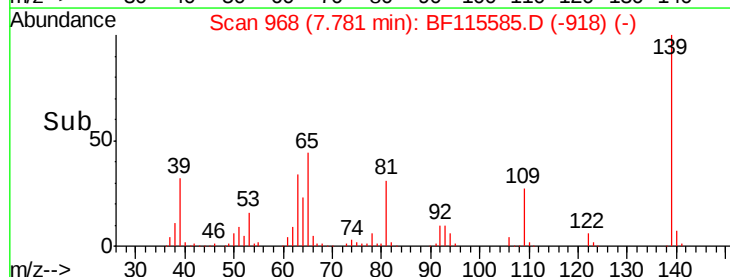
65 43.7 37.9 56.9



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





#27

2,4-Dimethylphenol

Concen: 42.900 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

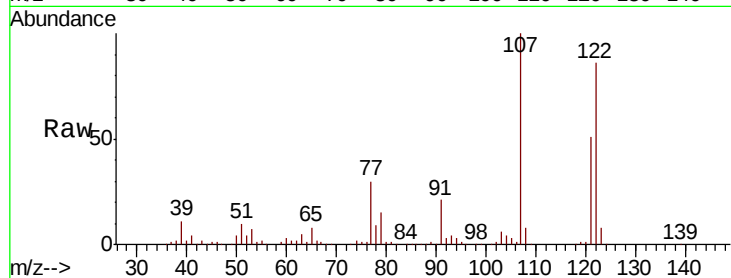
Tot Ion:122 Resp: 441753

Ion Ratio Lower Upper

122 100

107 116.4 92.9 139.3

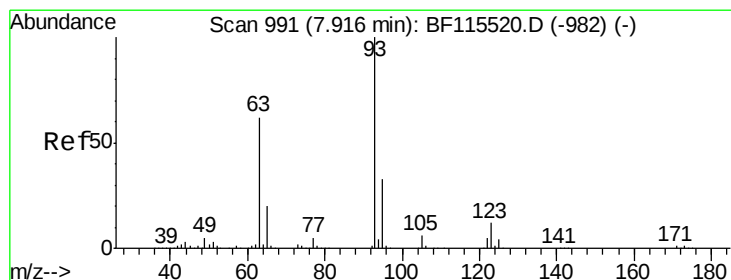
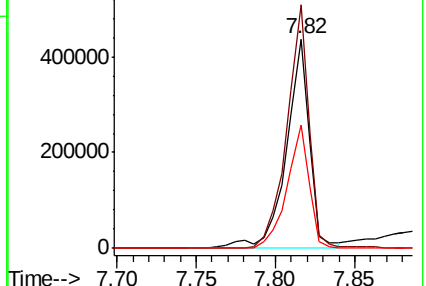
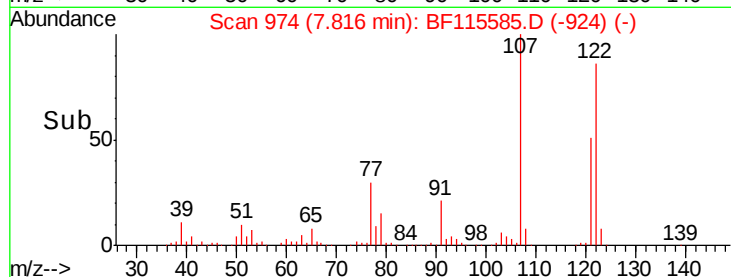
121 58.8 46.9 70.3



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: 38.712 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

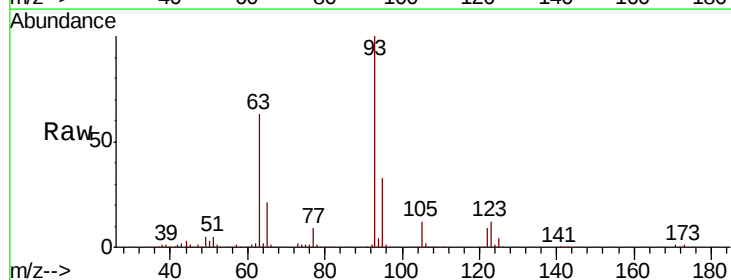
Tgt Ion: 93 Resp: 589110

Ion Ratio Lower Upper

93 100

95 33.4 27.0 40.4

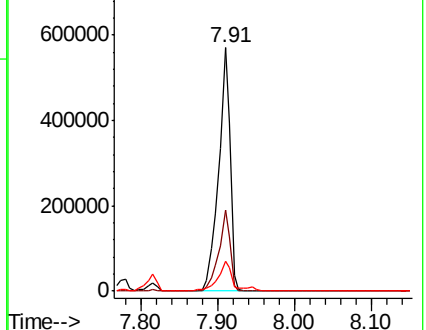
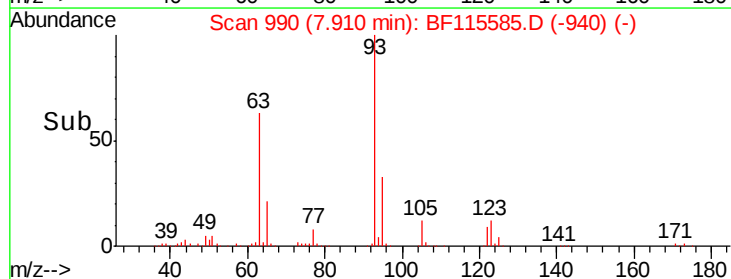
123 12.2 9.9 14.9



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

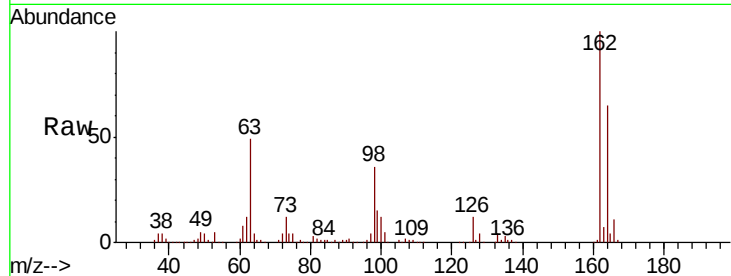




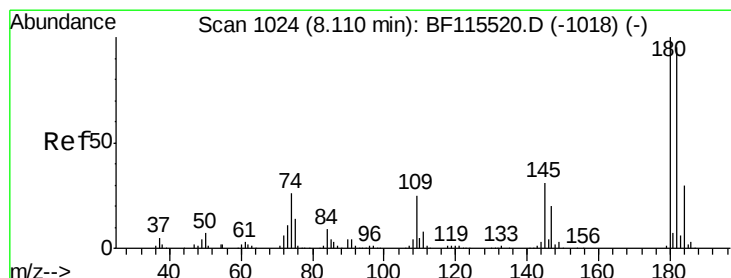
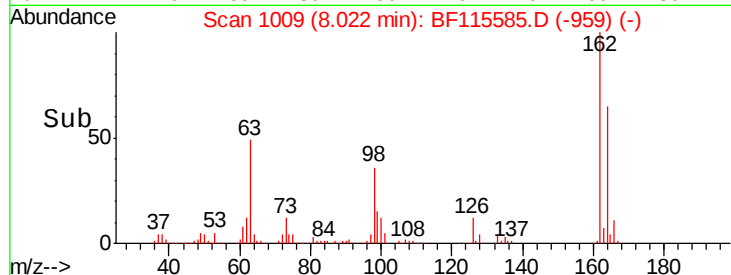
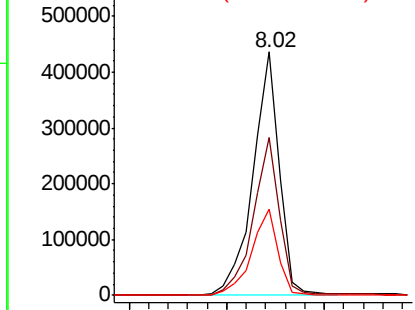
#29
 2,4-Dichlorophenol
 Concen: 38.368 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.7	44.9	84.9
98	35.6	17.7	57.7

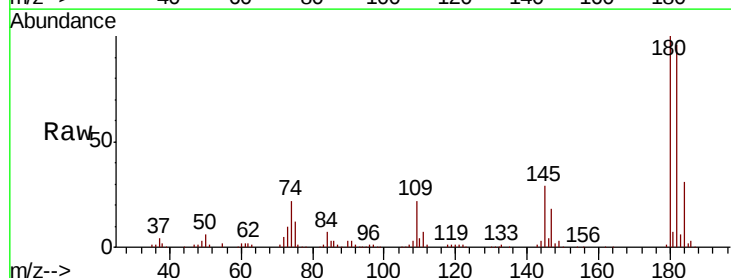


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

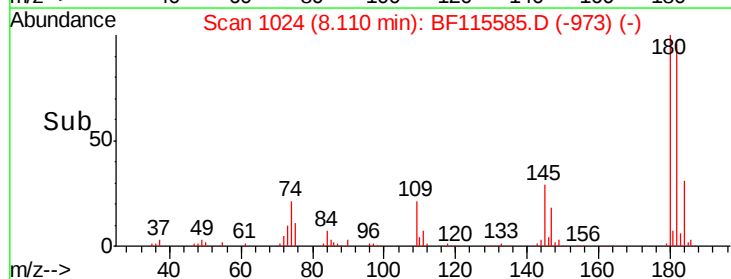
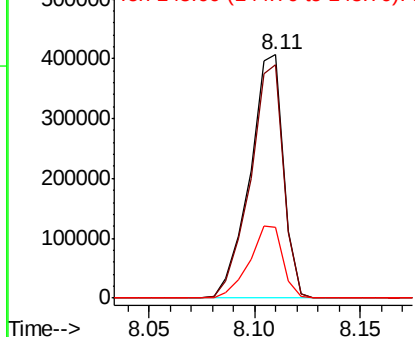


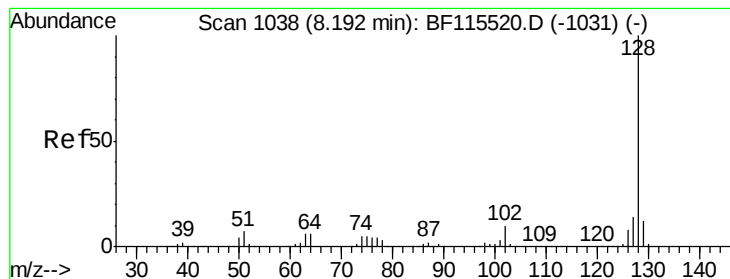
#30
 1,2,4-Trichlorobenzene
 Concen: 37.138 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. 0.00 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.0	112.6
145	29.2	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: 38.902 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

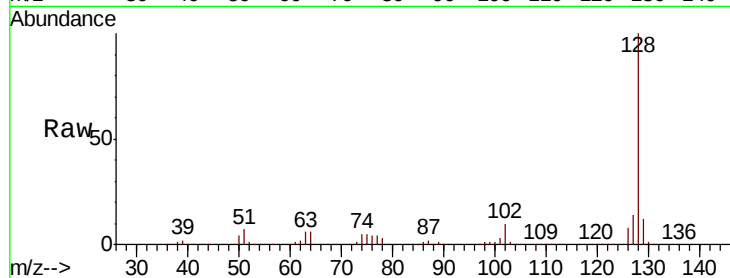
Tot Ion:128 Resp: 1358055

Ion Ratio Lower Upper

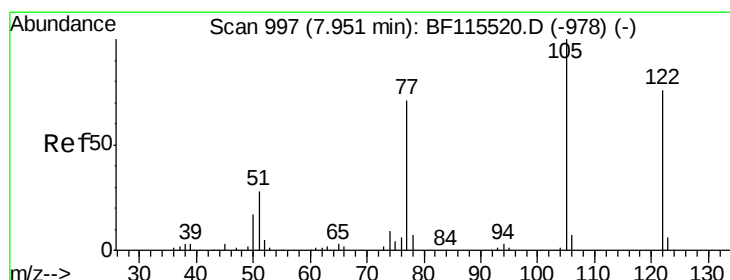
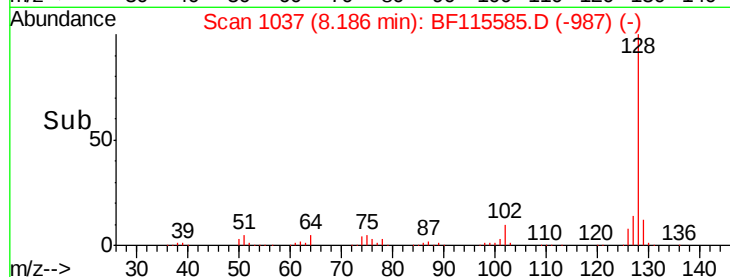
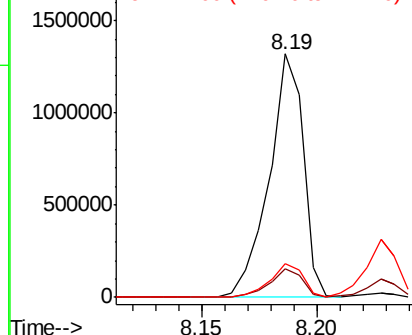
128 100

129 11.6 9.9 14.9

127 13.7 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: 40.625 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

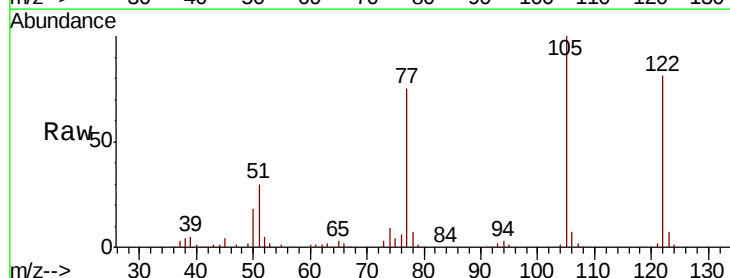
Tgt Ion:122 Resp: 343307

Ion Ratio Lower Upper

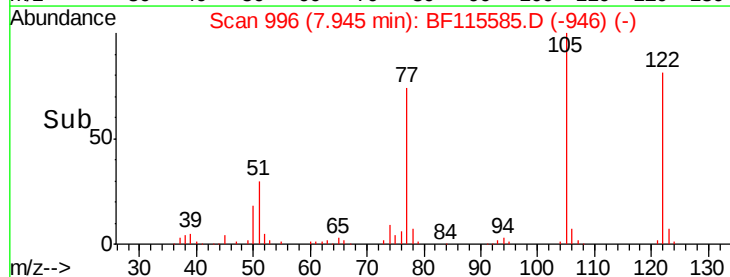
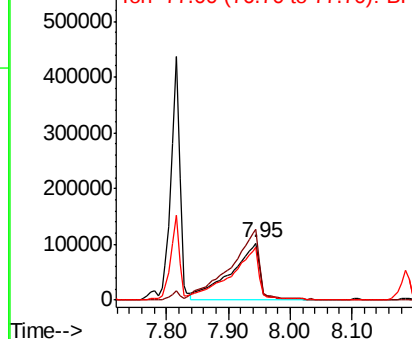
122 100

105 123.8 102.5 142.5

77 92.5 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

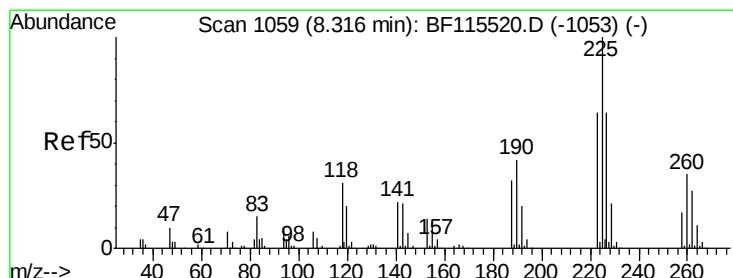
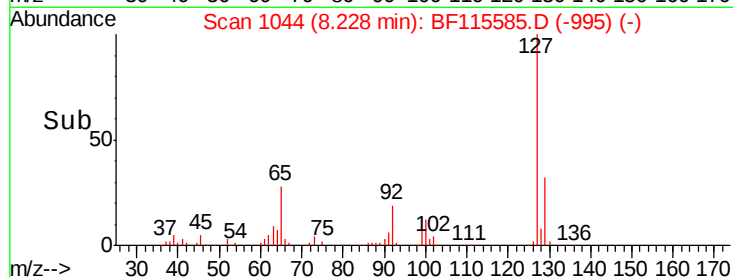
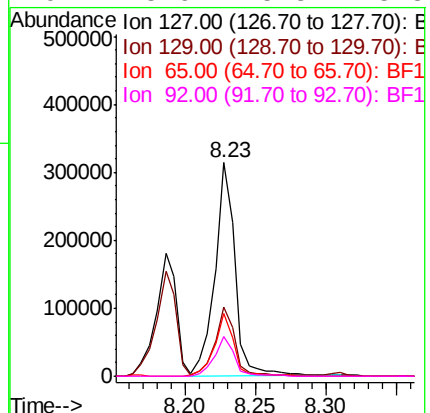
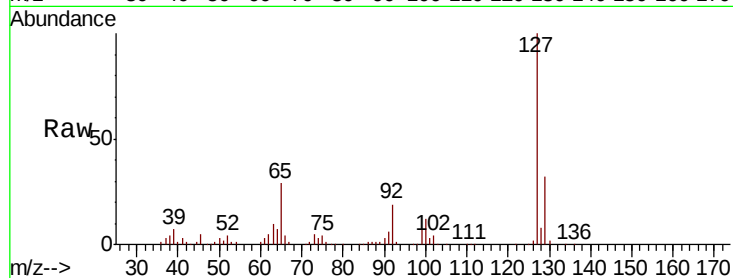




#33
4-Chloroaniline
Concen: 20.177 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

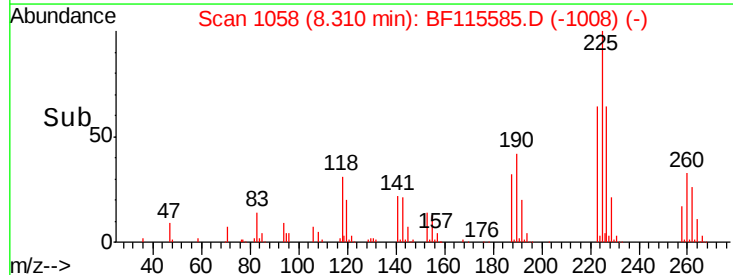
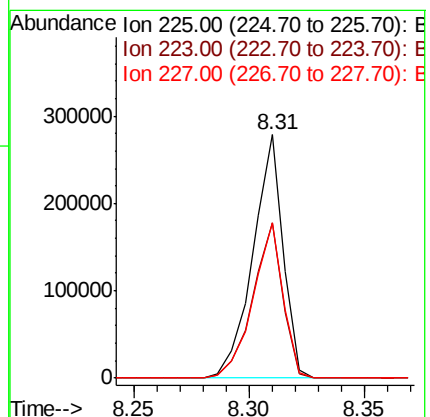
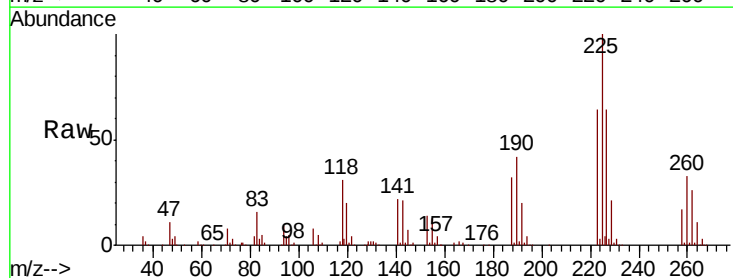
Instrument :
BNA_F
ClientSampled :

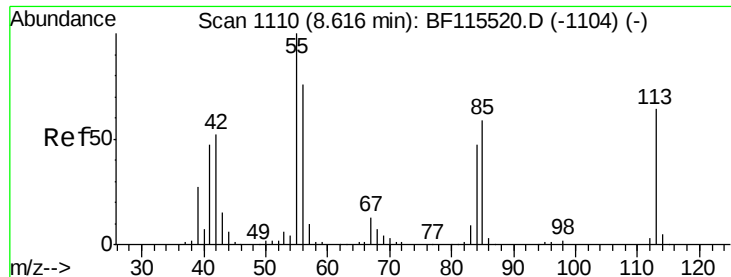
Tot Ion:	127	Resp:	312001
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	29.1	23.7	35.5
92	18.6	15.8	23.8



#34
Hexachlorobutadiene
Concen: 36.538 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion:	225	Resp:	253640
Ion	Ratio	Lower	Upper
225	100		
223	63.7	50.9	76.3
227	63.7	50.7	76.1

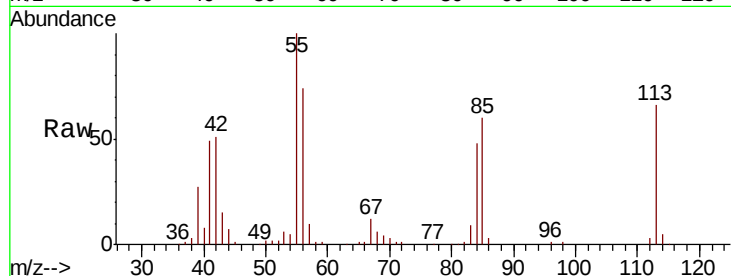




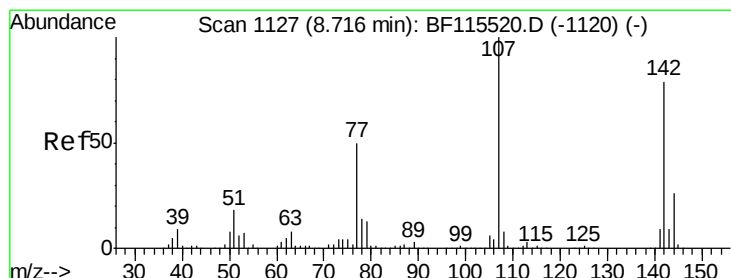
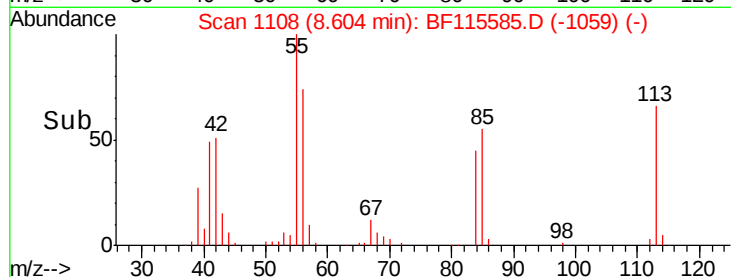
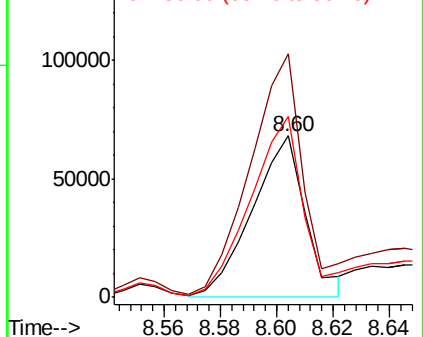
#35
 Caprolactam
 Concen: 27.134 ng
 RT: 8.60 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 89792
 Ion Ratio Lower Upper
 113 100
 55 151.1 126.9 166.9
 56 112.0 90.3 130.3

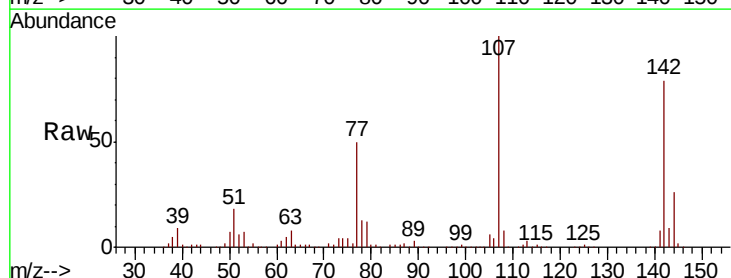


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

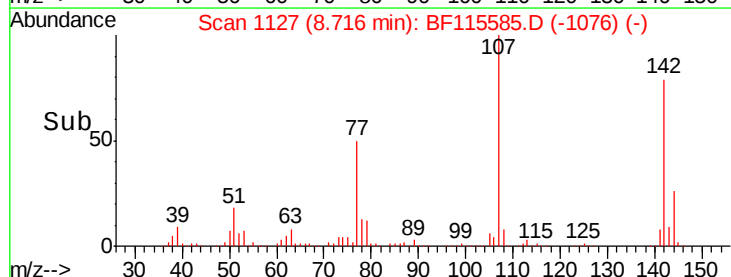
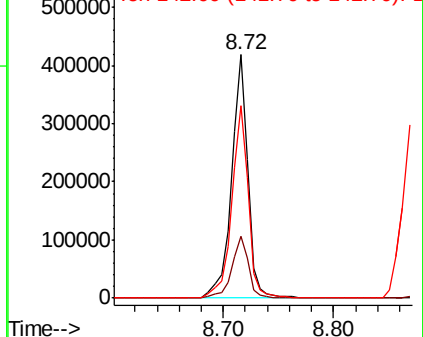


#36
 4-Chloro-3-methylphenol
 Concen: 39.092 ng
 RT: 8.72 min Scan# 1127
 Delta R.T. 0.00 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion:107 Resp: 434265
 Ion Ratio Lower Upper
 107 100
 144 25.5 20.6 30.8
 142 79.1 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

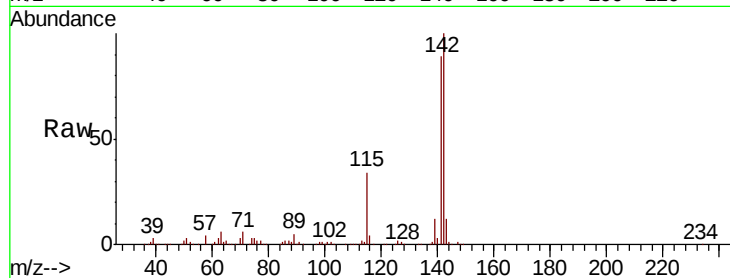




#37
2-Methylnaphthalene
Concen: 39.626 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.3	72.0	108.0
115	33.9	29.9	44.9

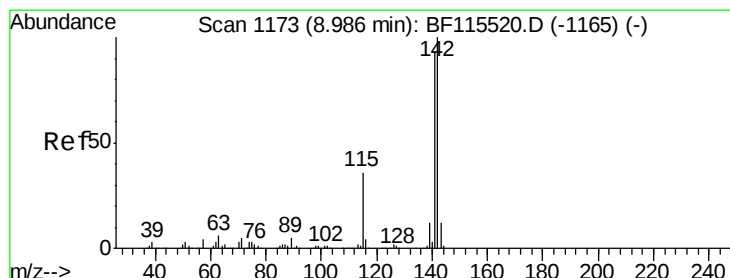
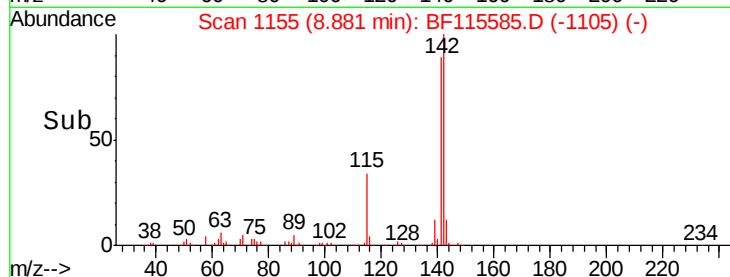
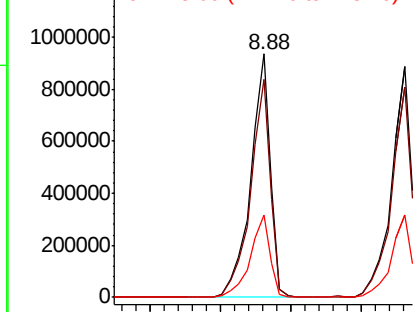


Abundance

Ion 142.00 (141.70 to 142.70): E

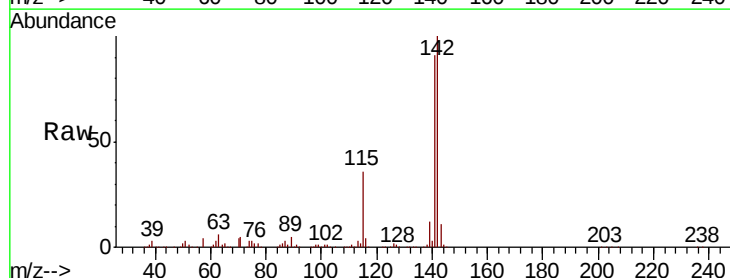
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.240 ng
RT: 8.98 min Scan# 1172
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.3	75.3	112.9
116	3.7	3.3	4.9

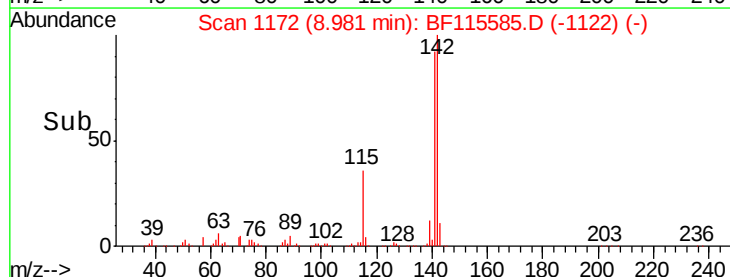
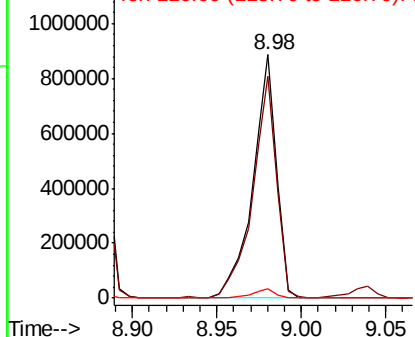


Abundance

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: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampled :

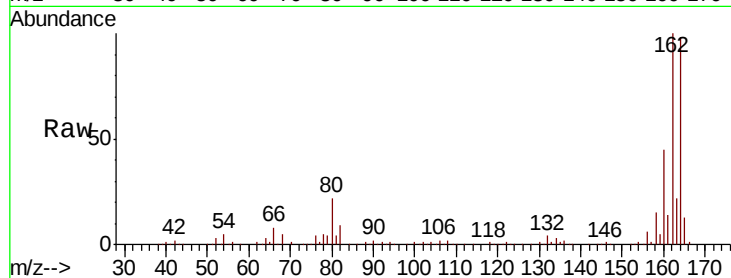
Tot Ion:164 Resp: 379975

Ion Ratio Lower Upper

164 100

162 101.7 82.9 124.3

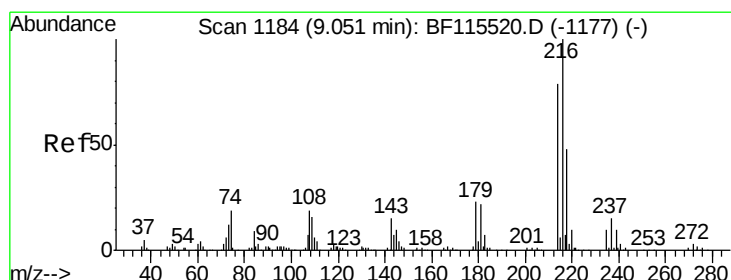
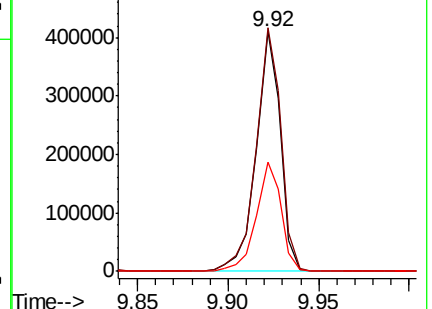
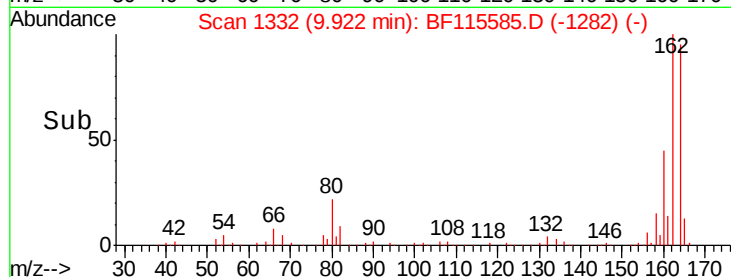
160 45.5 36.8 55.2



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: 37.089 ng

RT: 9.05 min Scan# 1184

Delta R.T. 0.00 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Tgt Ion:216 Resp: 424393

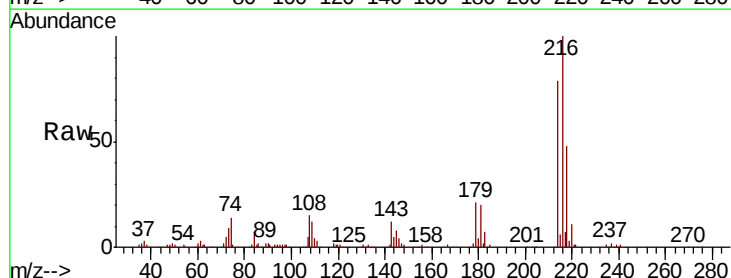
Ion Ratio Lower Upper

216 100

214 79.1 65.1 97.7

179 21.8 18.3 27.5

108 19.8 15.7 23.5

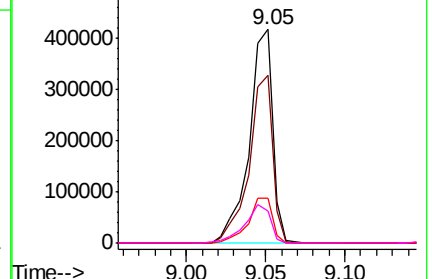
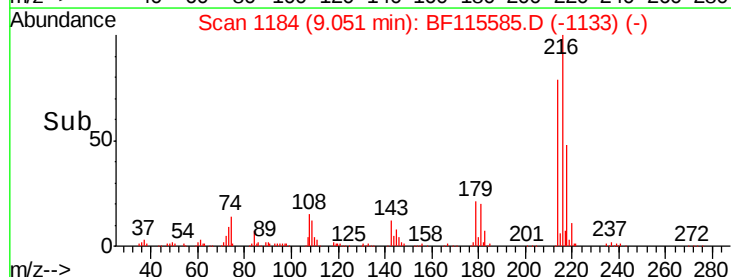


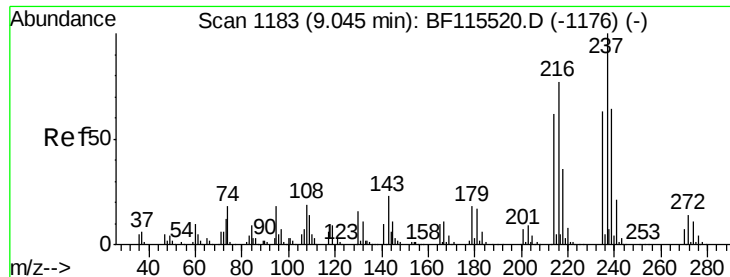
Abundance Ion 216.00 (215.70 to 216.70): E

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

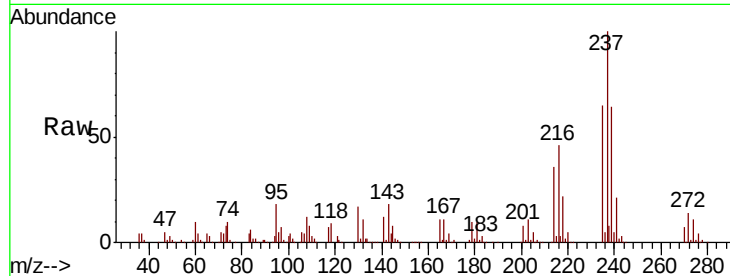




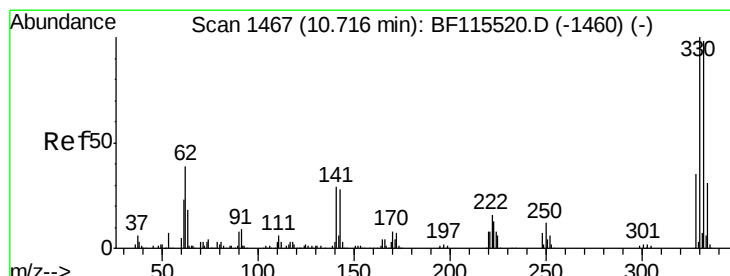
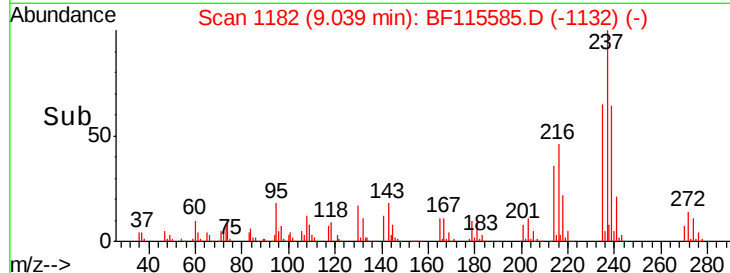
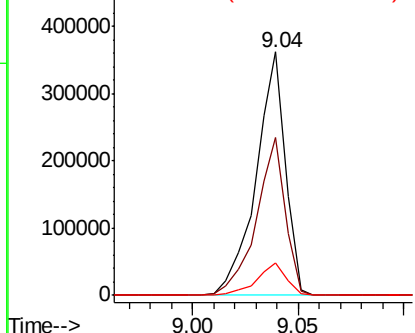
#41
Hexachlorocyclopentadiene
Concen: 53.598 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
237	100		
235	64.9	43.6	83.6
272	13.5	0.0	33.9

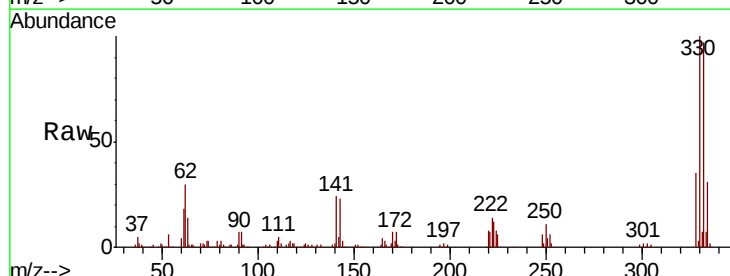


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

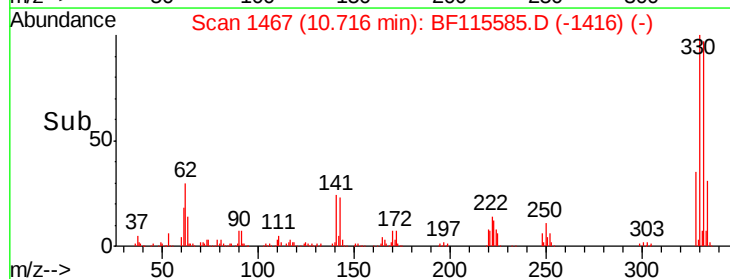
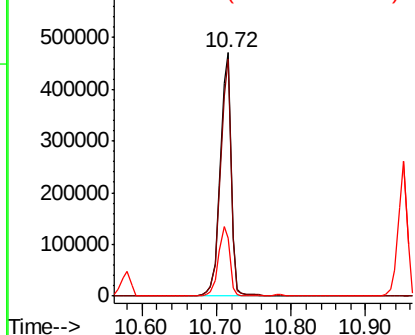


#42
2,4,6-Tribromophenol
Concen: 107.164 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.00 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.4	116.2
141	30.0	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

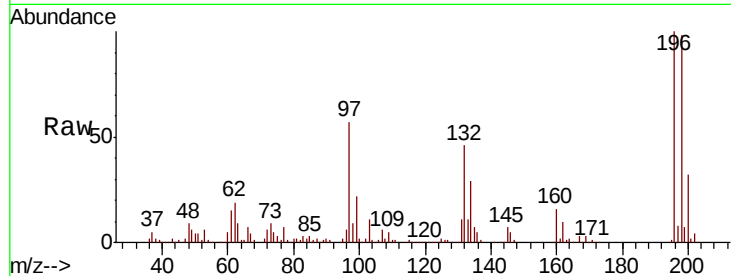




#43
 2,4,6-Trichlorophenol
 Concen: 35.843 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	196	Resp	299924
Ion Ratio	Lower	Upper	
196	100		
198	98.4	80.6	121.0
200	31.8	25.8	38.6

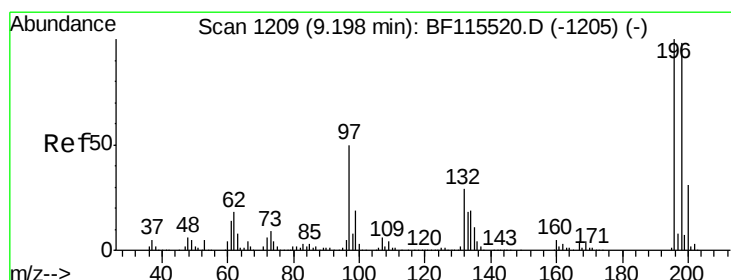
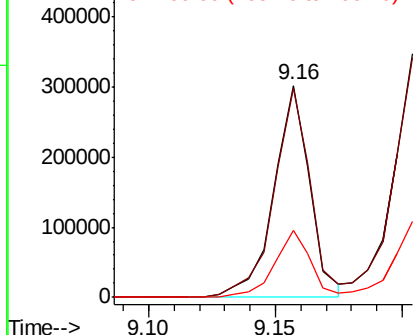
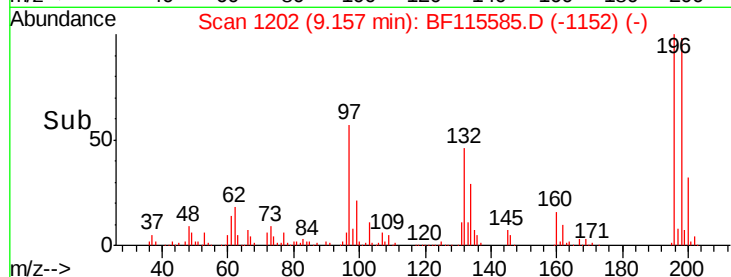


Abundance

Ion 196.00 (195.70 to 196.70): E

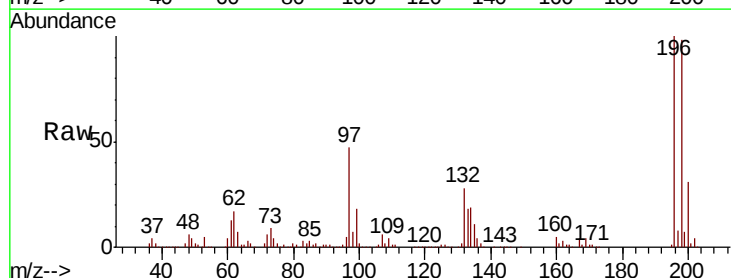
Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 36.720 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. 0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion	196	Resp	314666
Ion Ratio	Lower	Upper	
196	100		
198	98.4	79.6	119.4
97	47.1	37.8	56.6
132	28.1	22.8	34.2



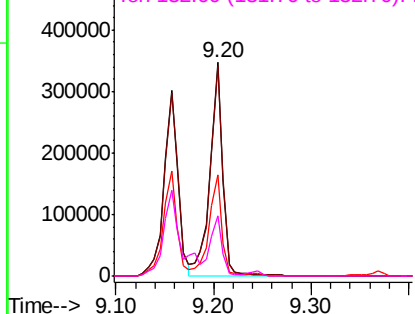
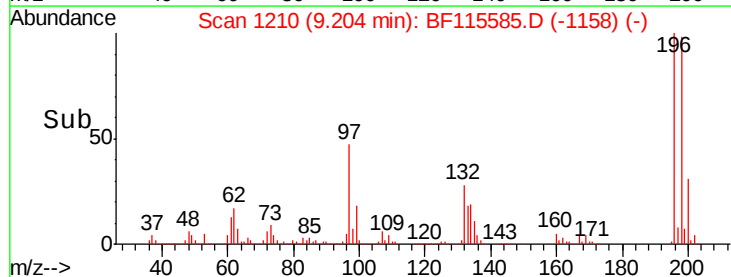
Abundance

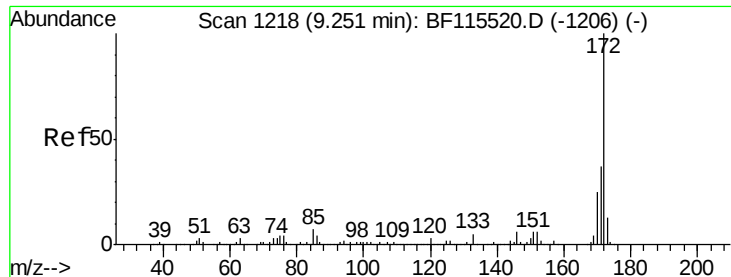
Ion 196.00 (195.70 to 196.70): E

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

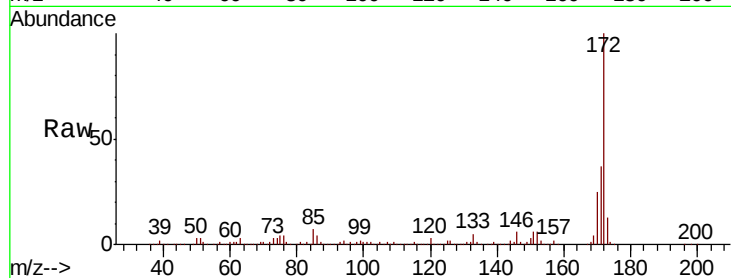




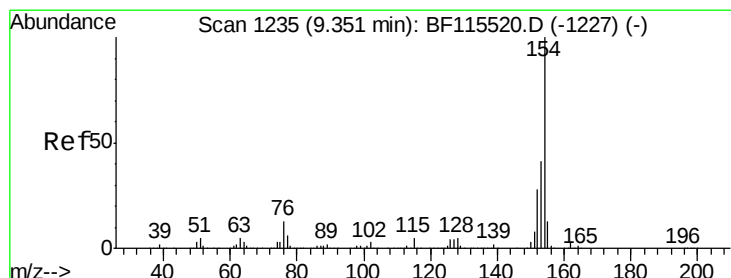
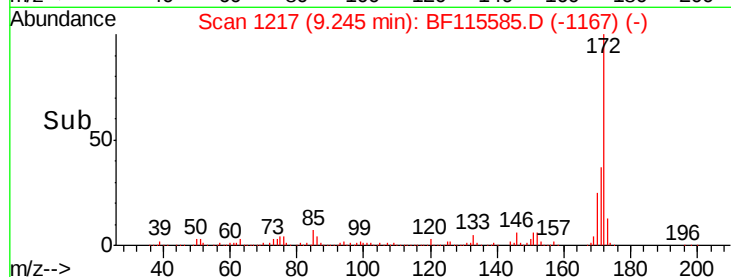
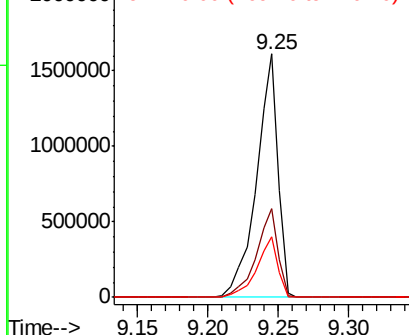
#45
2-Fluorobiphenyl
Concen: 79.647 ng
RT: 9.25 min Scan# 1217
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1729087
Ion Ratio Lower Upper
172 100
171 36.5 30.6 46.0
170 24.9 20.5 30.7

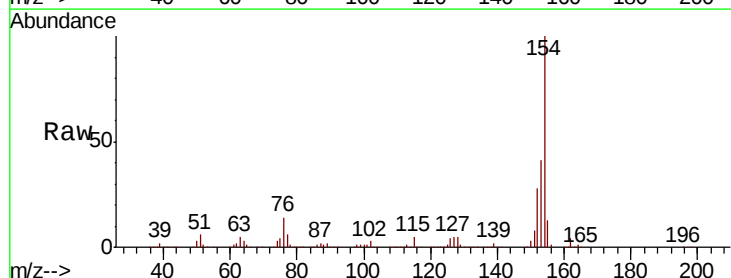


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

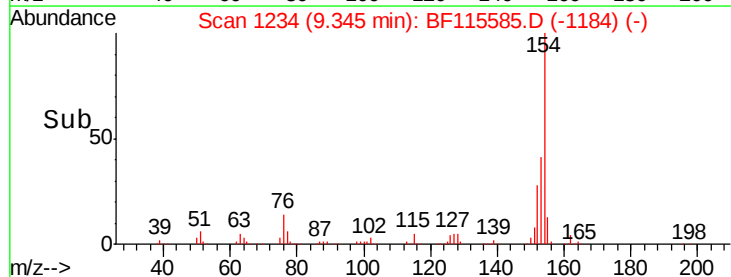
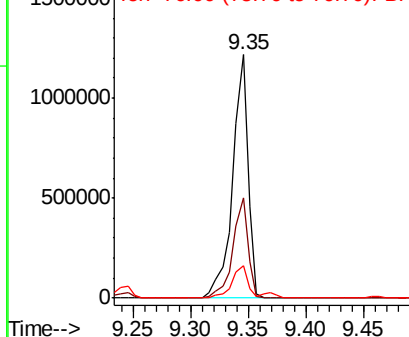


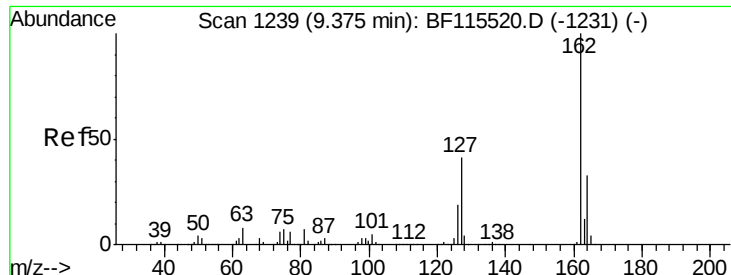
#46
1,1'-Biphenyl
Concen: 37.791 ng
RT: 9.35 min Scan# 1234
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion:154 Resp: 1122610
Ion Ratio Lower Upper
154 100
153 41.4 22.6 62.6
76 13.5 0.0 33.4



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

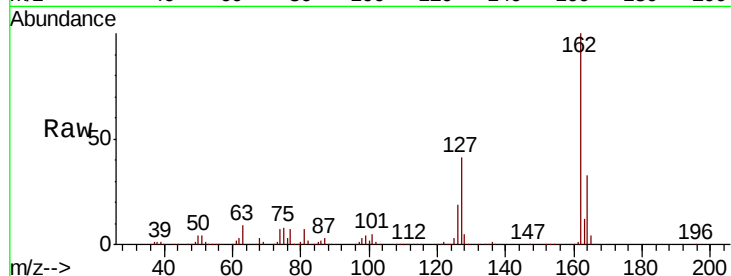




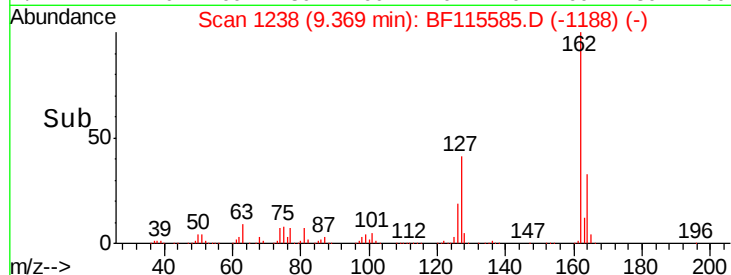
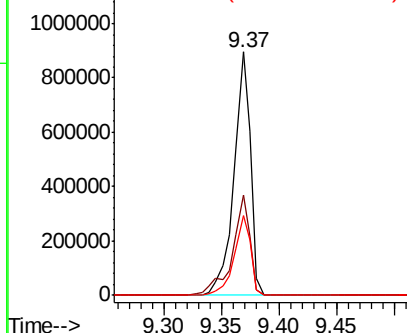
#47
 2-Chloronaphthalene
 Concen: 35.804 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion: 162 Resp: 885596
 Ion Ratio Lower Upper
 162 100
 127 41.3 34.1 51.1
 164 33.0 27.4 41.2

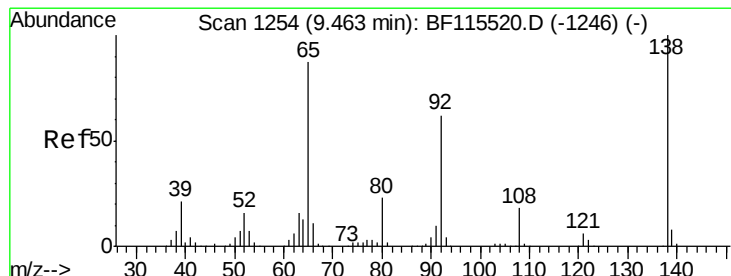


Abundance Ion 162.00 (161.70 to 162.70): E
 1200000 Ion 127.00 (126.70 to 127.70): E
 1000000 Ion 164.00 (163.70 to 164.70): E

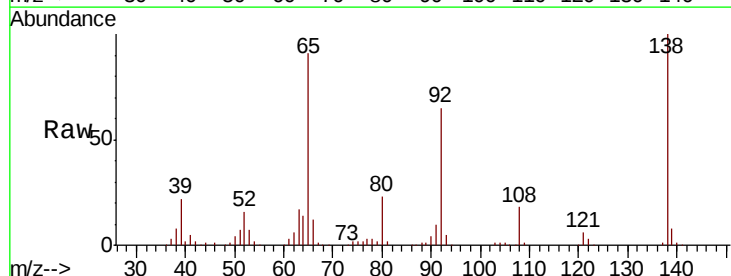
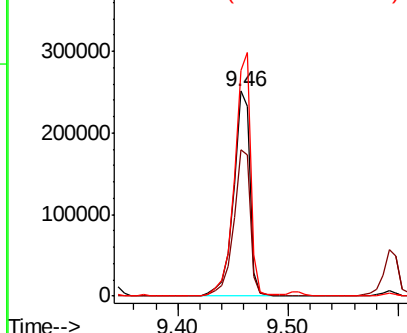


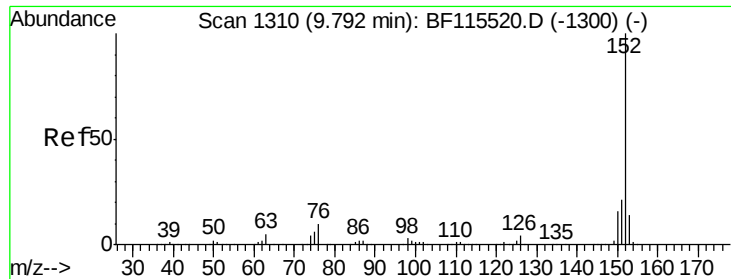
#48
 2-Nitroaniline
 Concen: 34.405 ng
 RT: 9.46 min Scan# 1253
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion: 65 Resp: 263394
 Ion Ratio Lower Upper
 65 100
 92 71.3 57.8 86.6
 138 109.8 91.2 136.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
 400000 Ion 92.00 (91.70 to 92.70): BF1
 300000 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.436 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

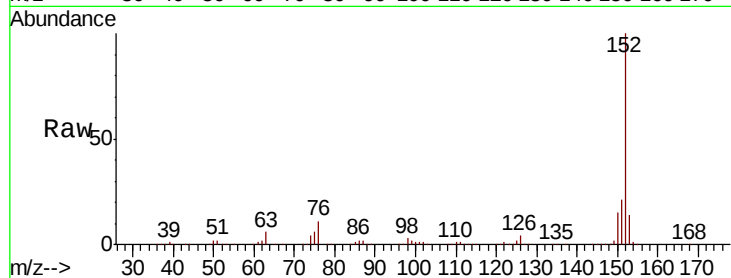
Tot Ion:152 Resp: 1372068

Ion Ratio Lower Upper

152 100

151 20.7 17.7 26.5

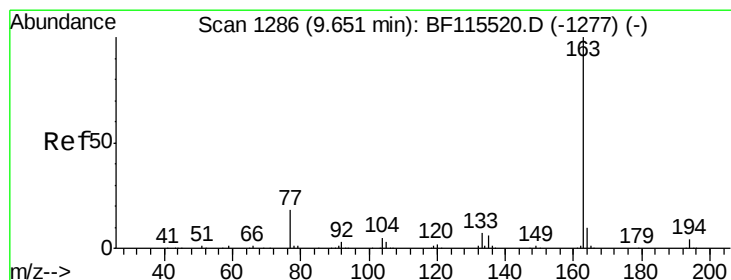
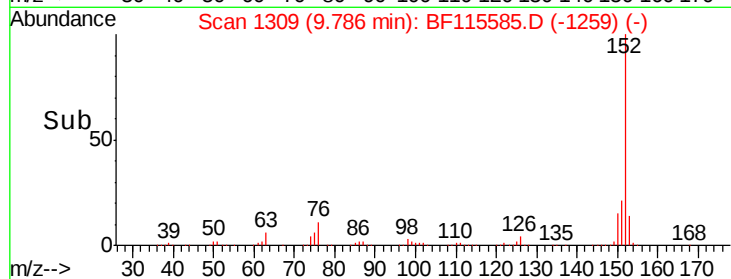
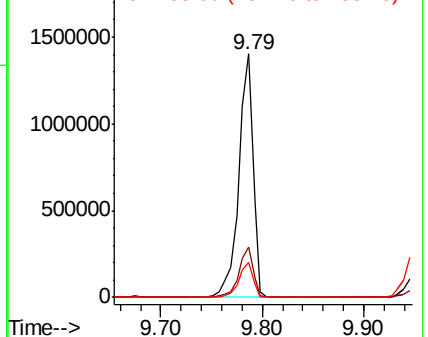
153 14.2 12.0 18.0



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: 36.058 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

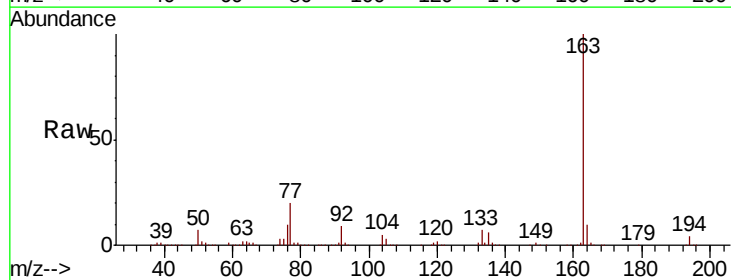
Tgt Ion:163 Resp: 1030831

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

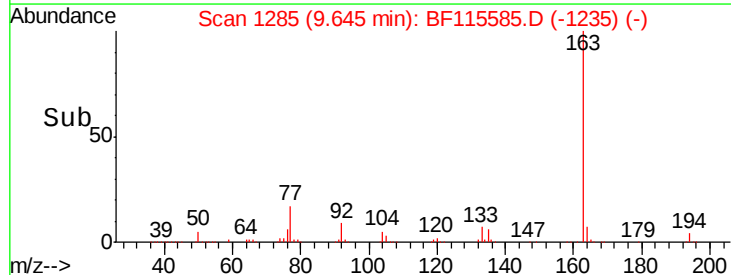
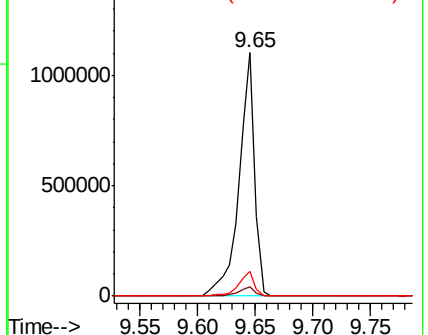
164 10.2 8.7 13.1

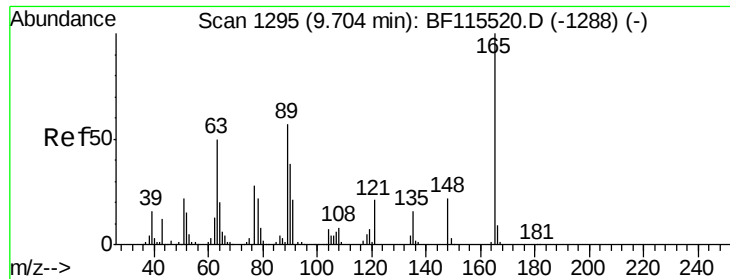


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

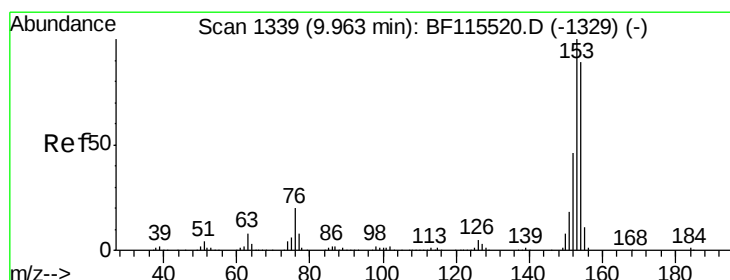
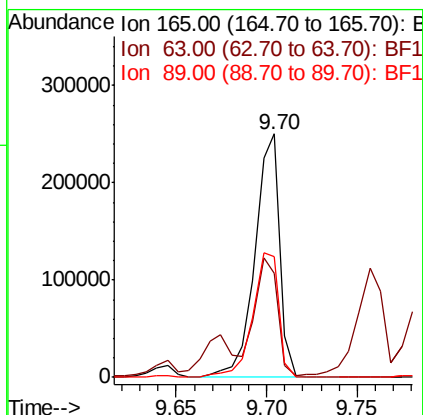
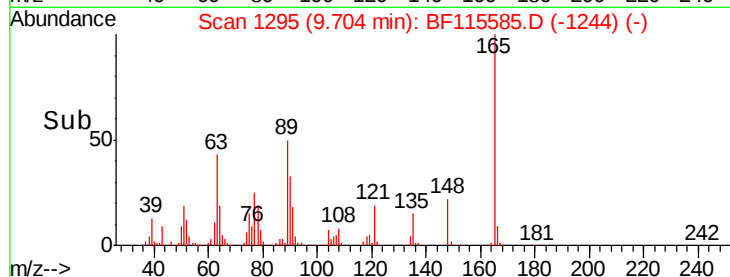
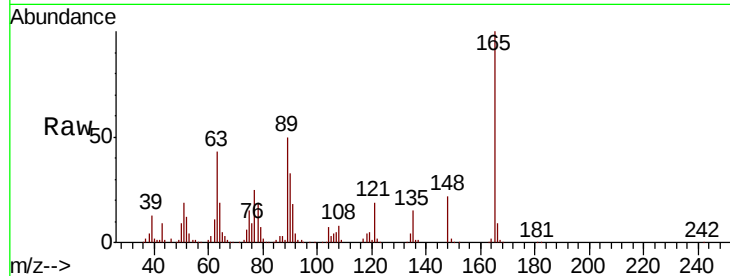




#51
 2,6-Dinitrotoluene
 Concen: 36.770 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. 0.00 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

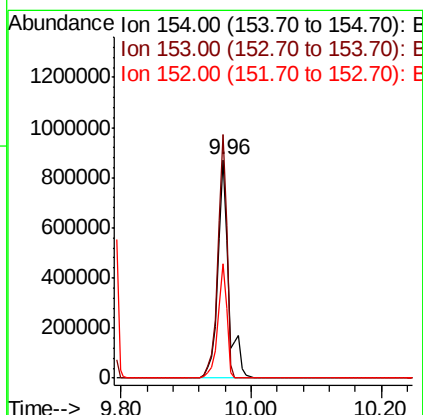
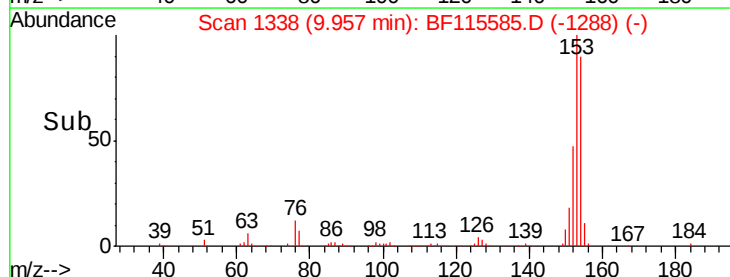
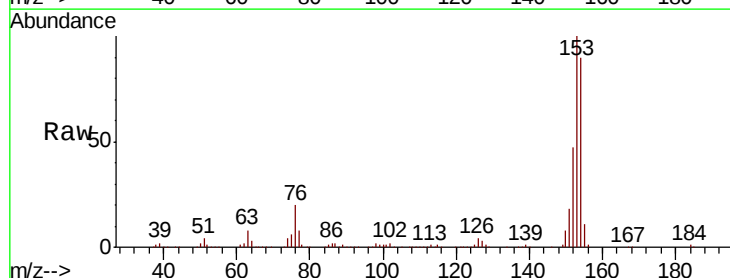
Instrument :
 BNA_F
 ClientSampleId :

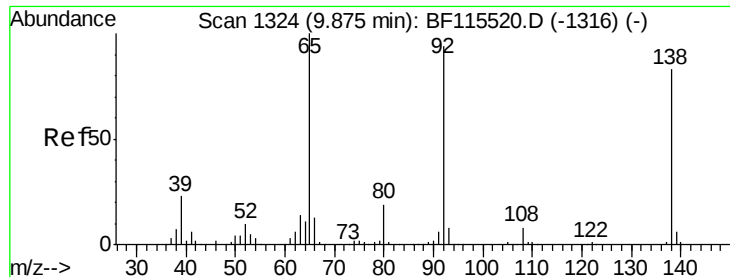
Tot Ion	Ratio	Lower	Upper
165	100		
63	42.9	40.6	61.0
89	49.7	43.9	65.9



#52
 Acenaphthene
 Concen: 42.272 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.4	88.6	133.0
152	52.4	42.3	63.5

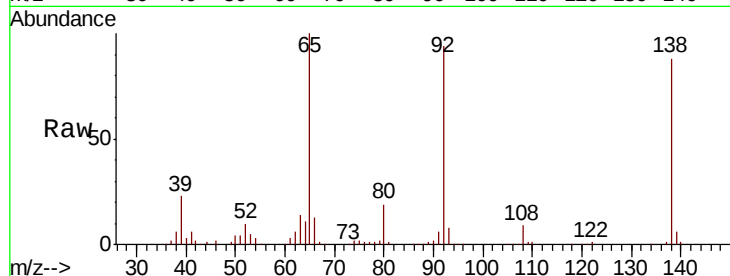




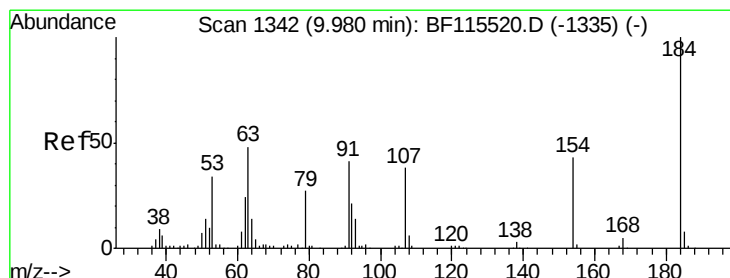
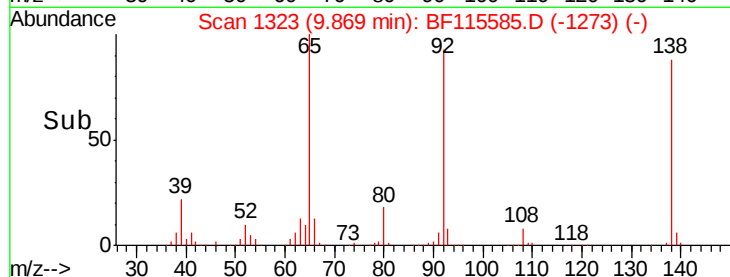
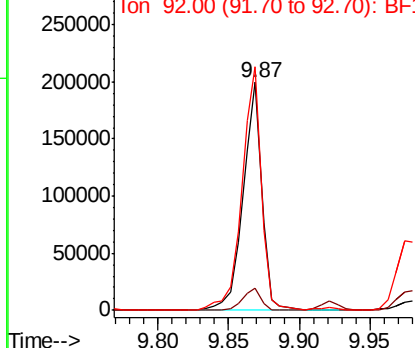
#53
 3-Nitroaniline
 Concen: 24.999 ng
 RT: 9.87 min Scan# 1323
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:138 Resp: 185597
 Ion Ratio Lower Upper
 138 100
 108 9.7 8.4 12.6
 92 106.9 88.0 132.0

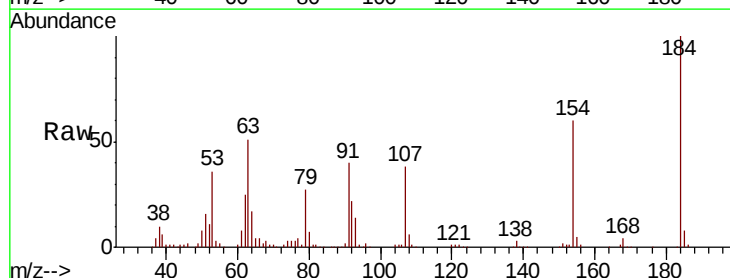


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

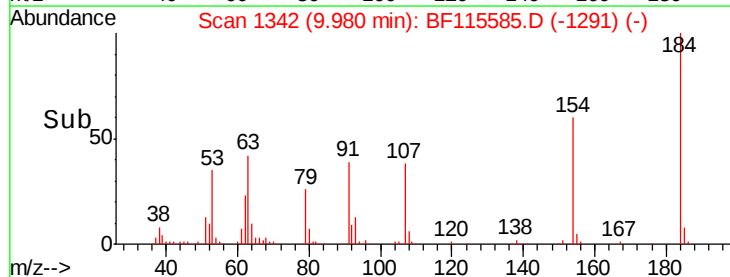
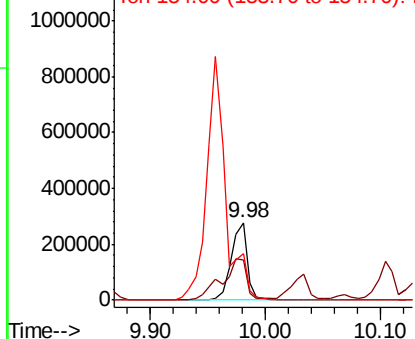


#54
 2,4-Dinitrophenol
 Concen: 80.803 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.00 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion:184 Resp: 269528
 Ion Ratio Lower Upper
 184 100
 63 50.7 48.7 73.1
 154 60.4 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

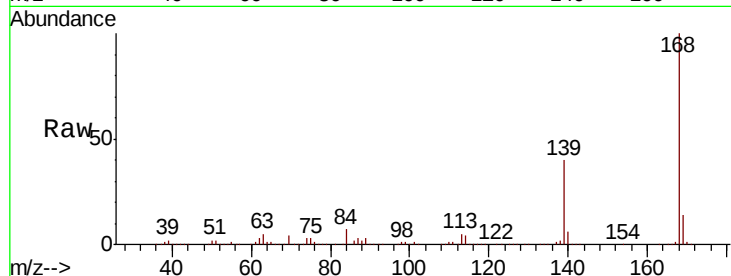




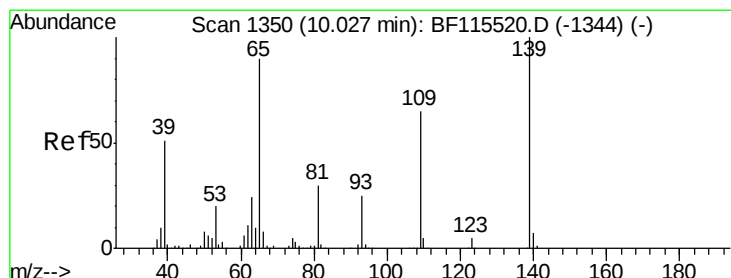
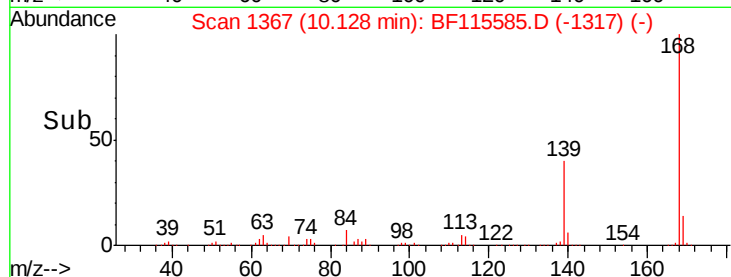
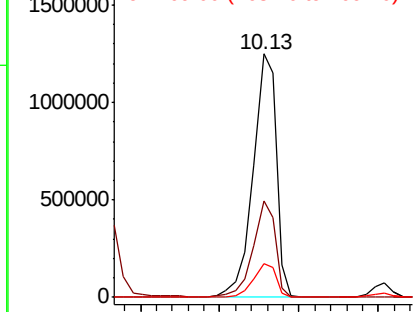
#55
Dibenzenofuran
Concen: 38.015 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 1277454
Ion Ratio Lower Upper
168 100
139 39.5 31.1 46.7
169 13.8 11.1 16.7

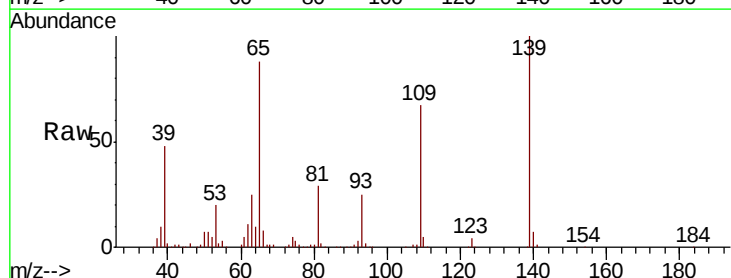


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

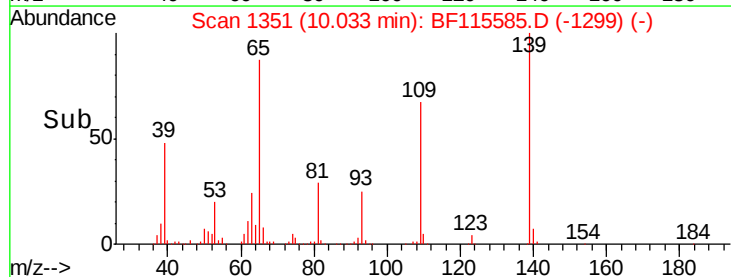
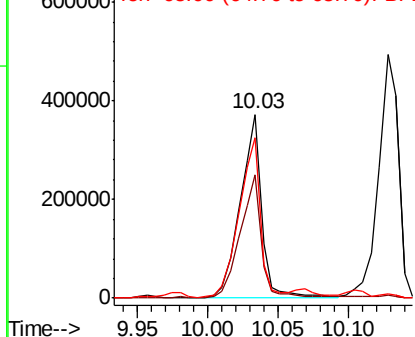


#56
4-Nitrophenol
Concen: 69.662 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion:139 Resp: 394387
Ion Ratio Lower Upper
139 100
109 67.1 46.4 86.4
65 87.6 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

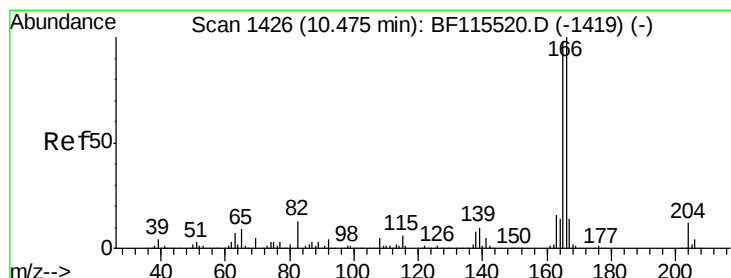
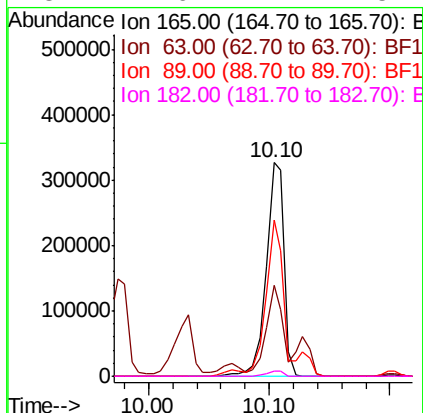
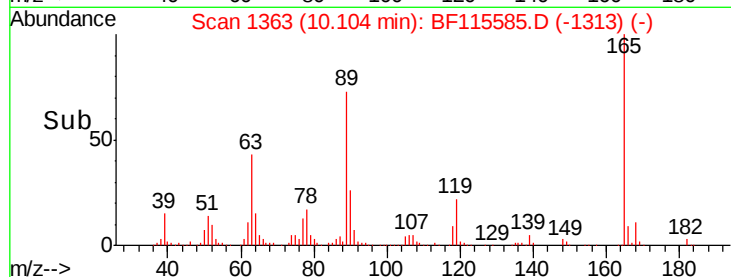
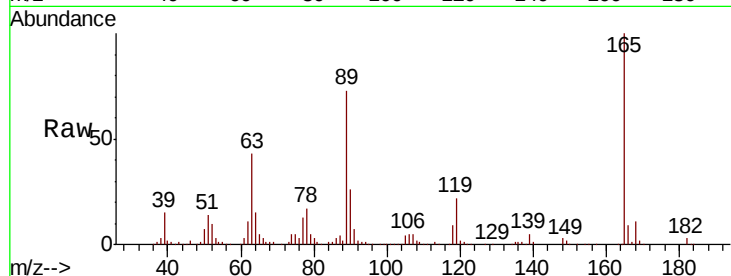




#57
2,4-Dinitrotoluene
Concen: 39.614 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

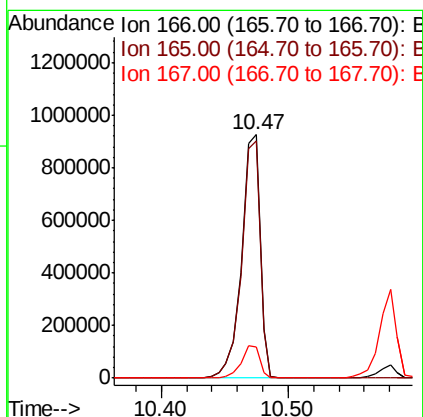
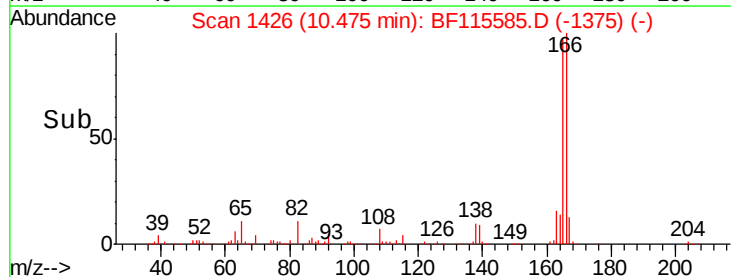
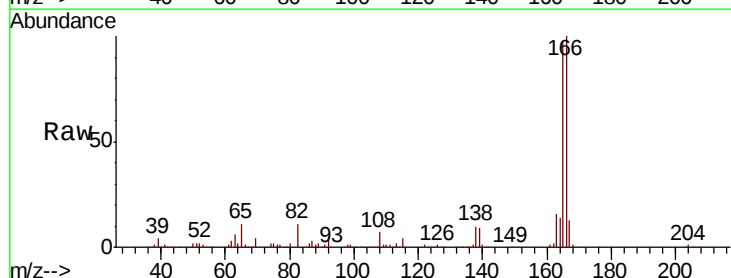
Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	42.6	34.9	52.3
89	72.9	57.5	86.3
182	2.6	2.2	3.4



#58
Fluorene
Concen: 38.855 ng
RT: 10.47 min Scan# 1426
Delta R.T. 0.00 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.2	79.8	119.6
167	13.0	11.2	16.8

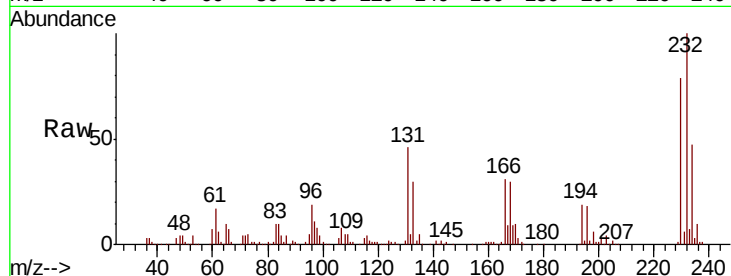




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.418 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.8	35.9	53.9
130	2.2	1.8	2.6
166	29.9	24.8	37.2



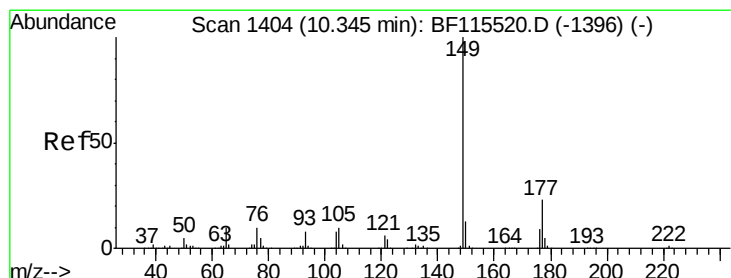
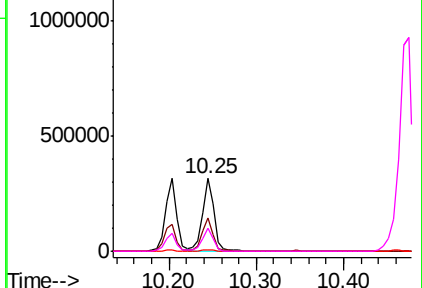
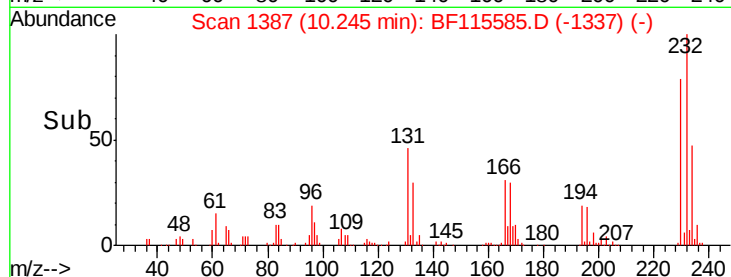
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

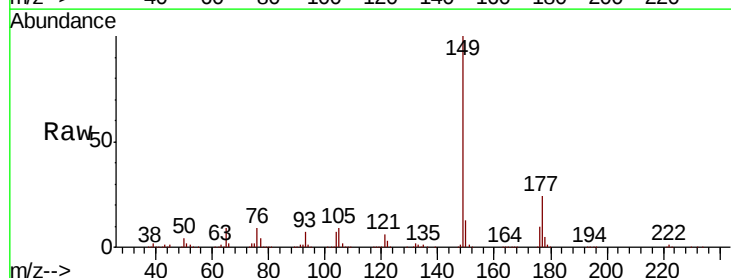
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 39.592 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.1	19.5	29.3
150	12.6	10.4	15.6

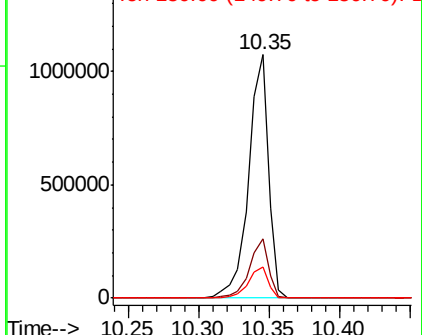
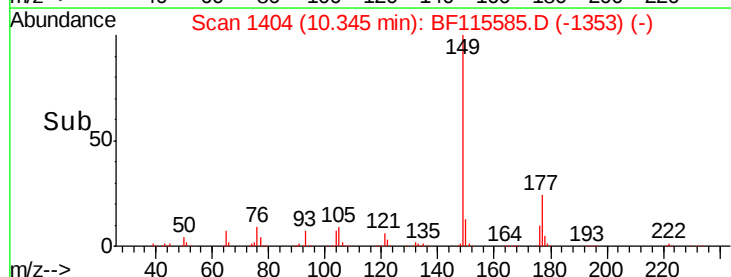


Abundance

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

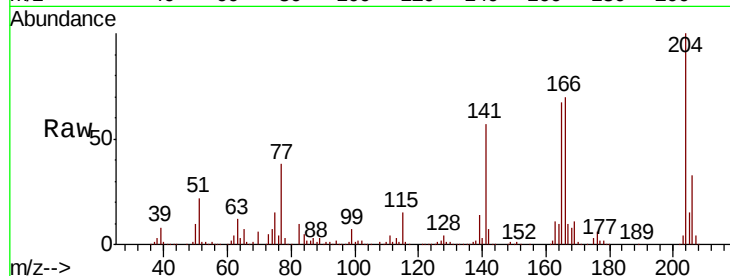




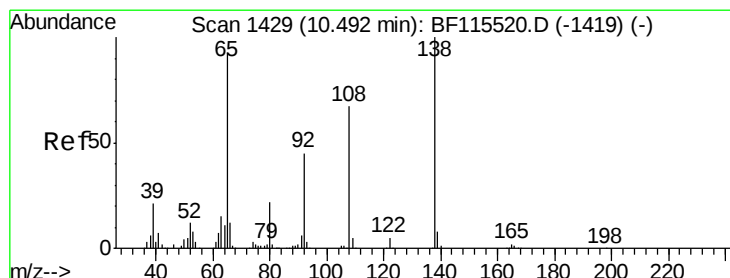
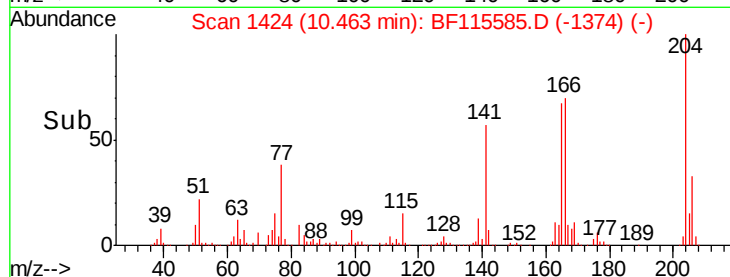
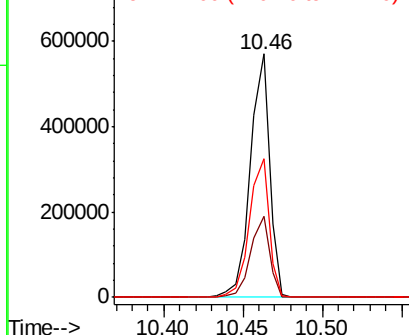
#61
 4-Chlorophenyl-phenylether
 Concen: 36.161 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 481727
 Ion Ratio Lower Upper
 204 100
 206 33.2 26.7 40.1
 141 56.9 44.2 66.2

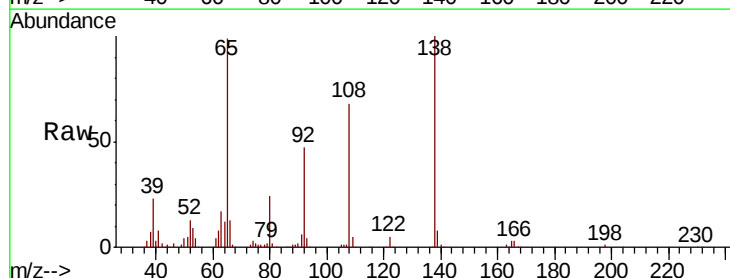


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

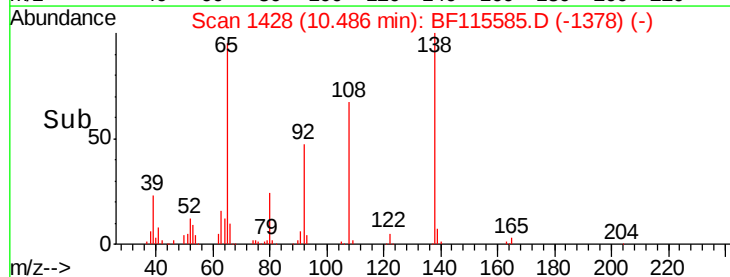
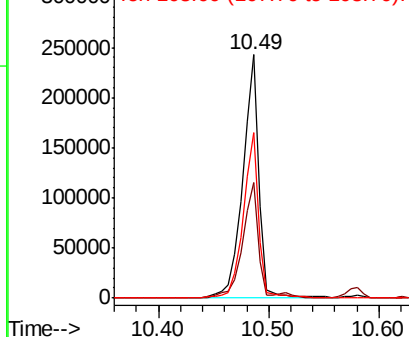


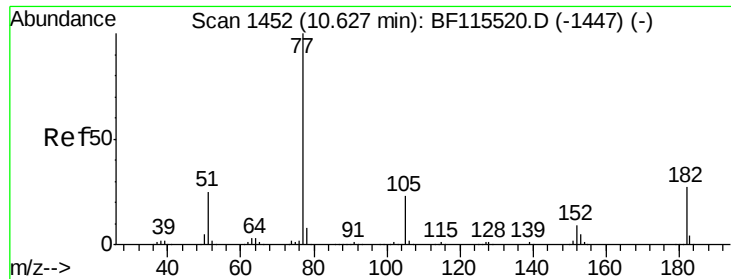
#62
 4-Nitroaniline
 Concen: 35.088 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion:138 Resp: 249879
 Ion Ratio Lower Upper
 138 100
 92 47.3 27.1 67.1
 108 68.1 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: 38.742 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

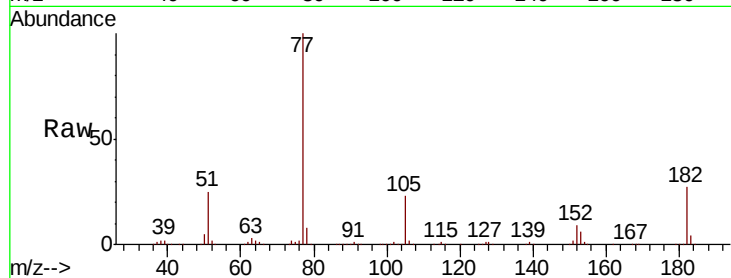
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 1006580

Ion	Ratio	Lower	Upper
77	100		
182	26.7	6.9	46.9
105	23.1	3.9	43.9
51	24.9	7.3	47.3

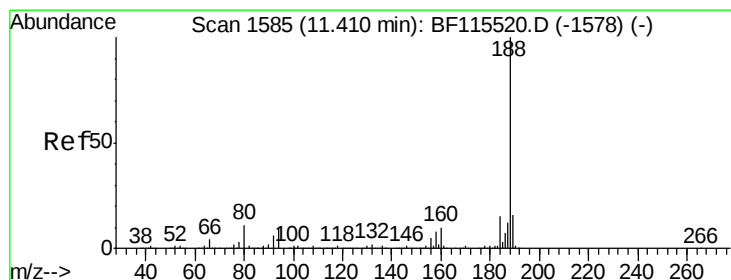
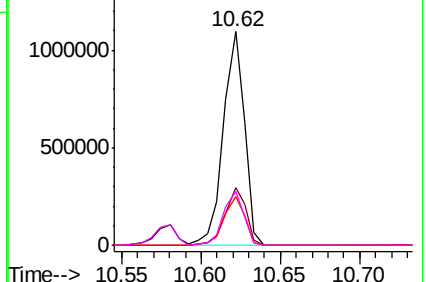
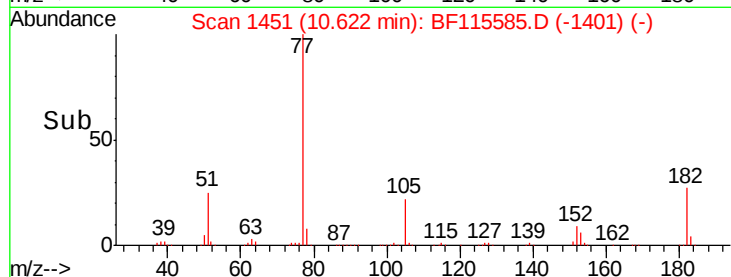


Abundance Ion 77.00 (76.70 to 77.70): BF1

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



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

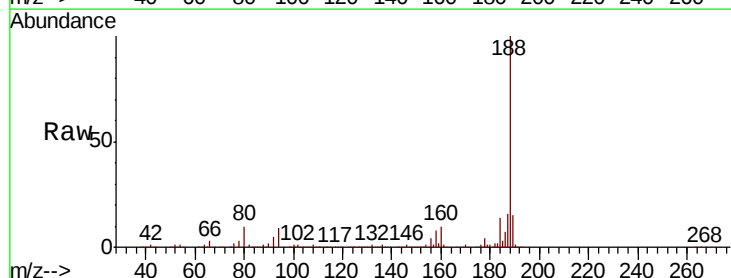
Delta R.T. 0.00 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Tgt Ion: 188 Resp: 692614

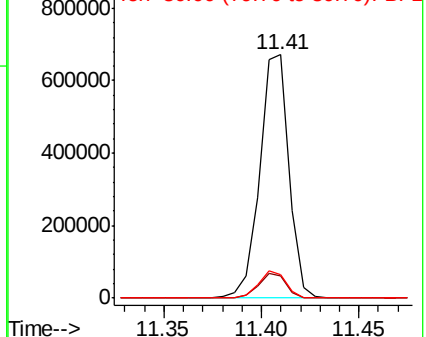
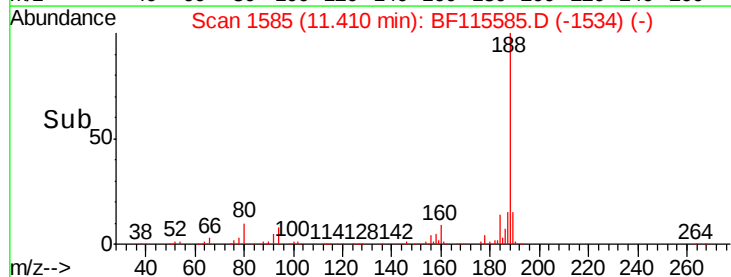
Ion	Ratio	Lower	Upper
188	100		
94	8.9	7.8	11.6
80	9.8	8.6	13.0

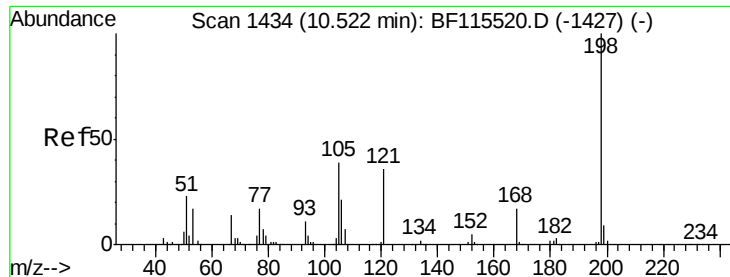


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

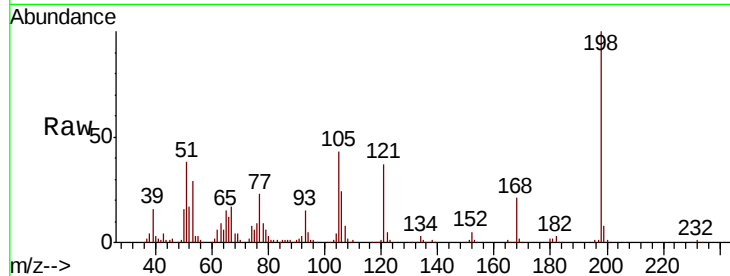




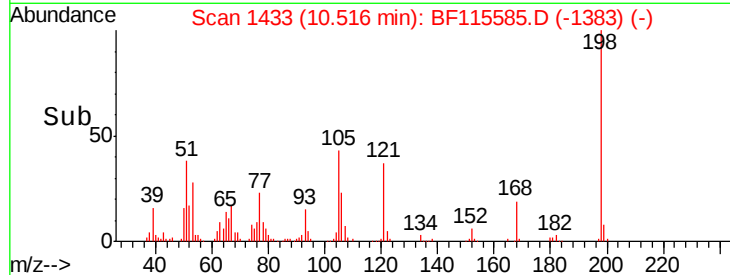
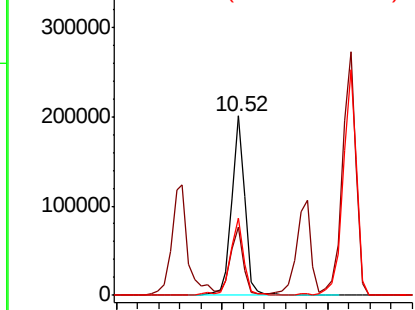
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.542 ng
 RT: 10.52 min Scan# 1433
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:198 Resp: 171560
 Ion Ratio Lower Upper
 198 100
 51 37.9 19.1 59.1
 105 42.7 23.6 63.6

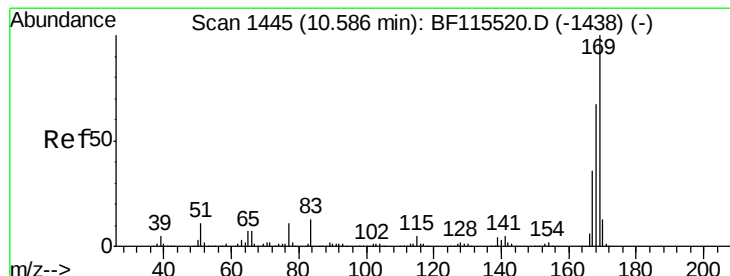


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

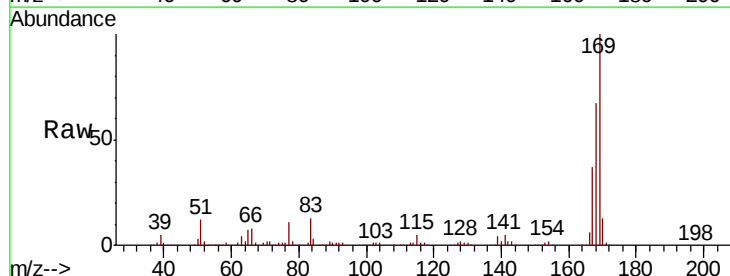
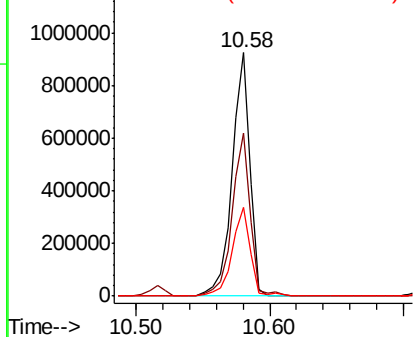


#66
 n-Nitrosodiphenylamine
 Concen: 40.322 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion:169 Resp: 868728
 Ion Ratio Lower Upper
 169 100
 168 66.7 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

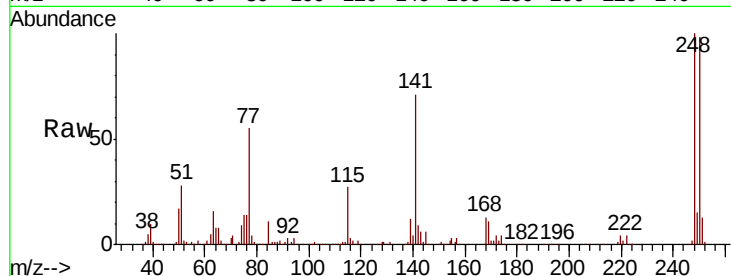




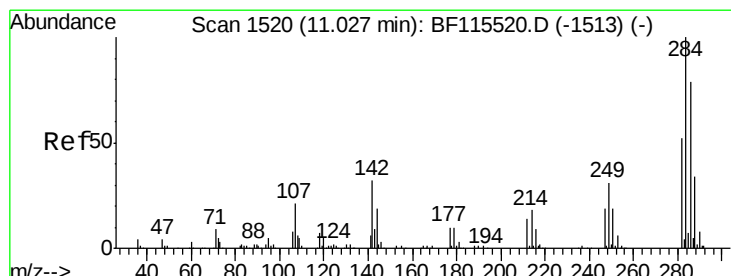
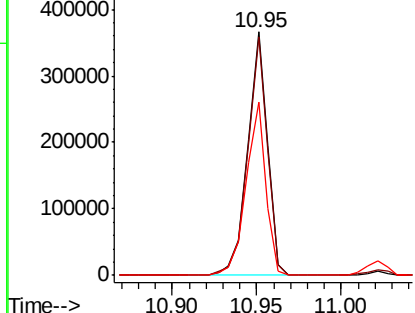
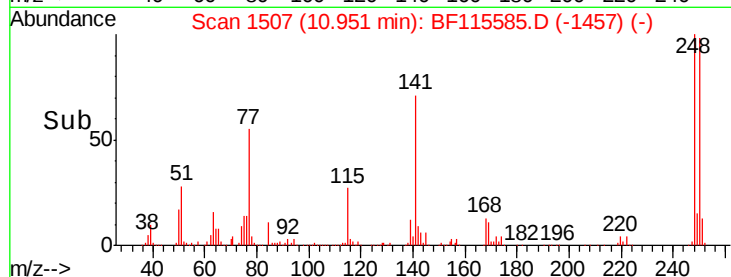
#67
4-Bromophenyl-phenylether
Concen: 38.247 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampled :

Tot Ion:248 Resp: 302724
Ion Ratio Lower Upper
248 100
250 97.9 78.0 117.0
141 71.2 57.7 86.5

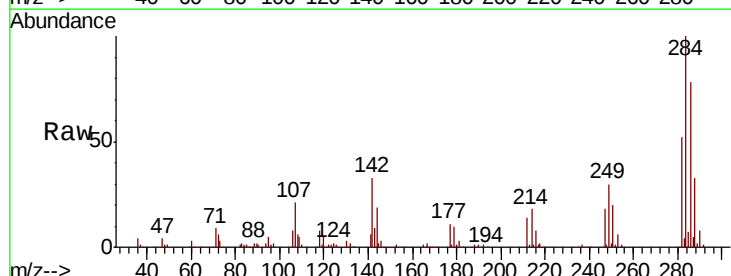


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

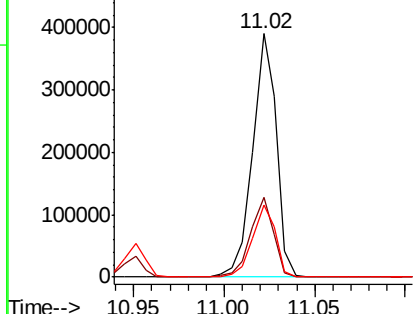
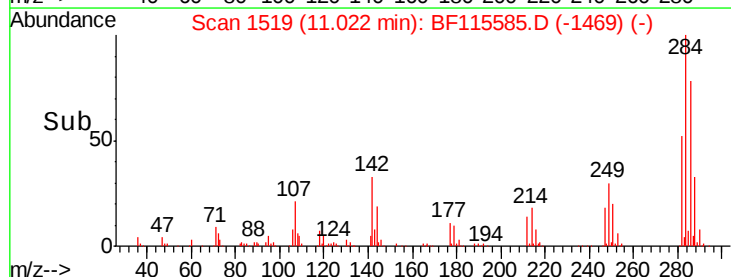


#68
Hexachlorobenzene
Concen: 39.111 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion:284 Resp: 353517
Ion Ratio Lower Upper
284 100
142 33.0 22.2 33.2
249 29.8 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

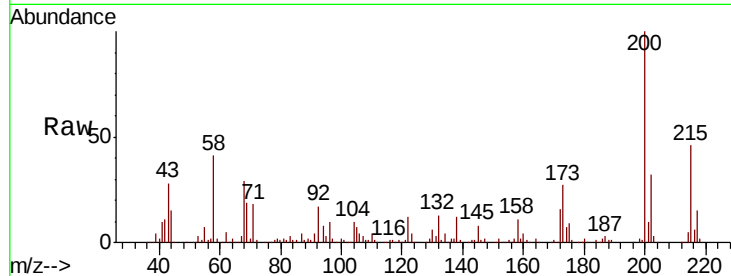




#69
 Atrazine
 Concen: 36.533 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
200	100		
173	27.0	6.9	46.9
215	46.4	27.9	67.9

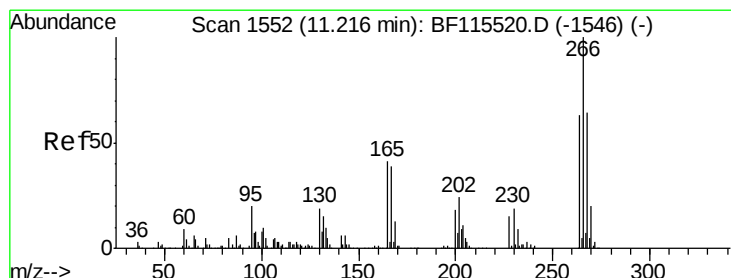
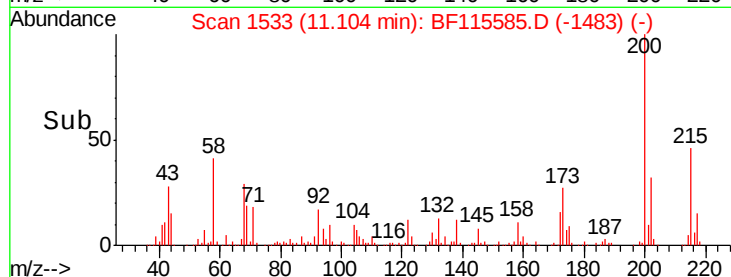
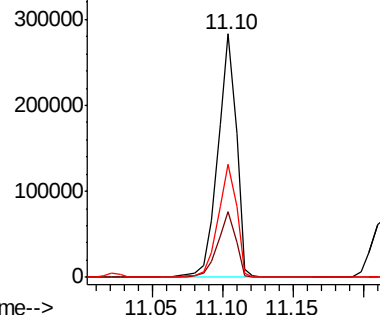


Abundance

Ion 200.00 (199.70 to 200.70): E

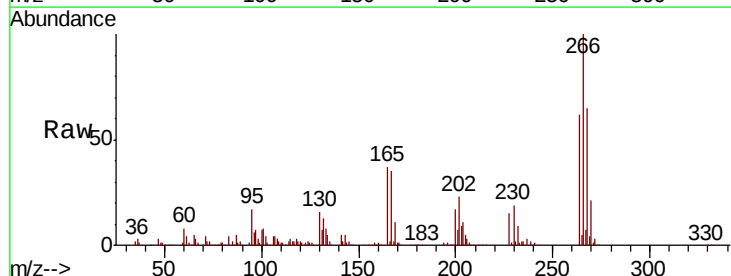
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
 Pentachlorophenol
 Concen: 73.018 ng
 RT: 11.22 min Scan# 1552
 Delta R.T. 0.00 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
266	100		
268	64.8	51.6	77.4
264	62.0	50.6	76.0

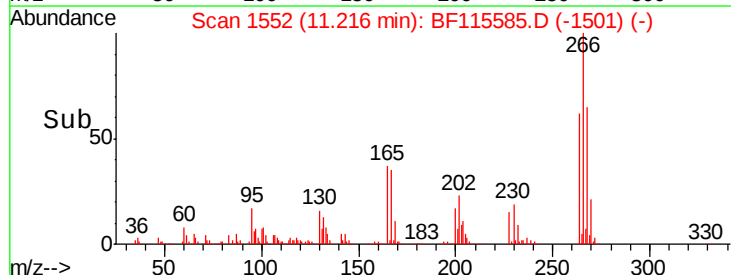
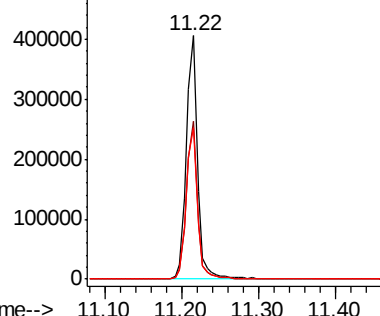


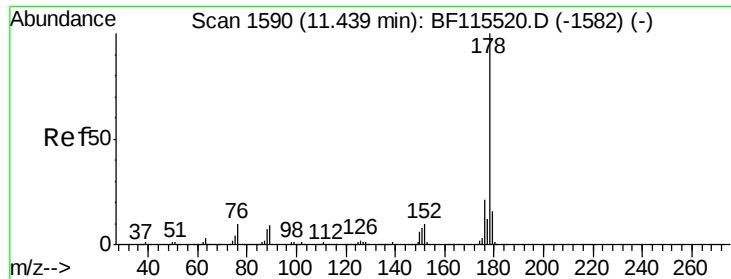
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

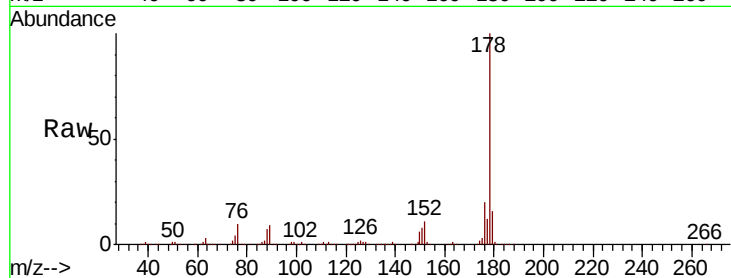




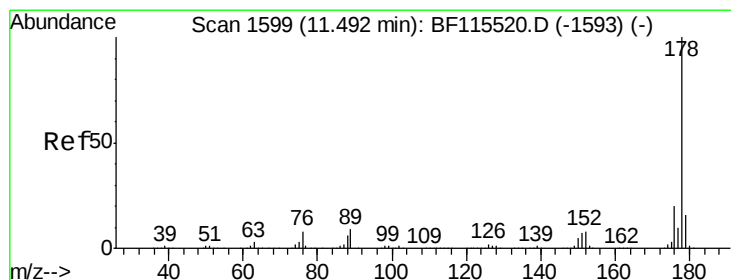
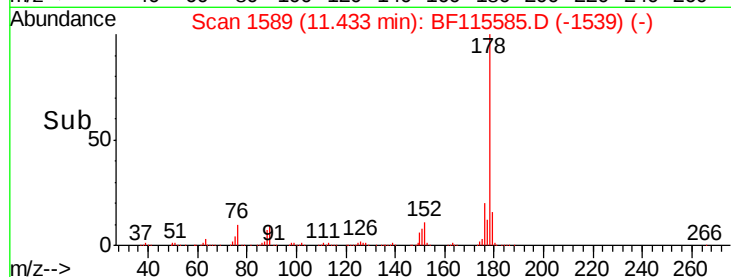
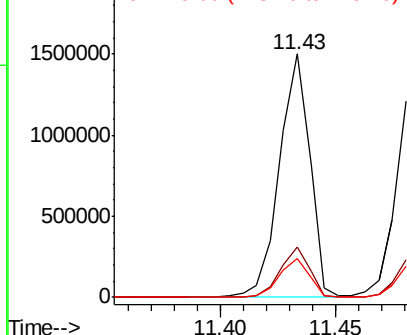
#71
Phenanthrene
Concen: 38.456 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:178 Resp: 1365306
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 16.0 13.5 20.3

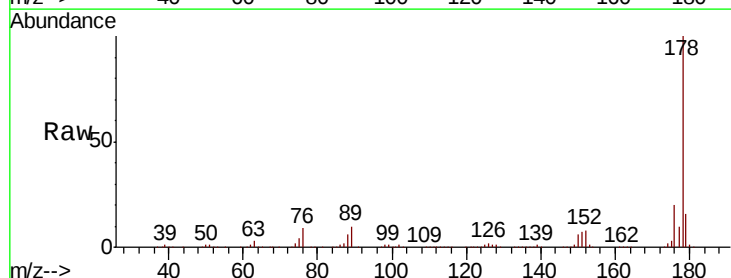


Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

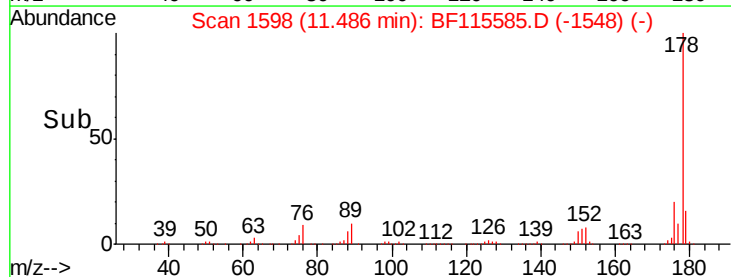
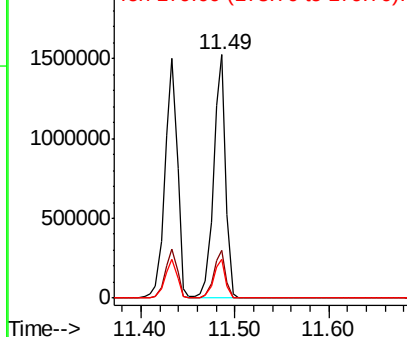


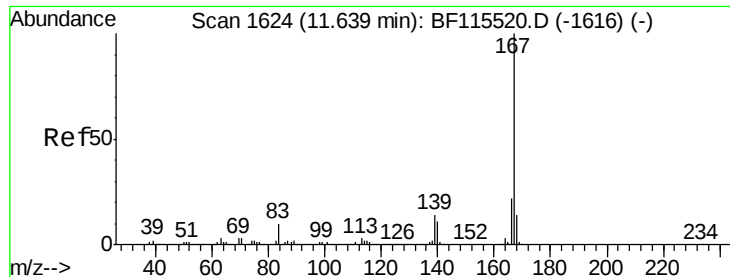
#72
Anthracene
Concen: 37.793 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion:178 Resp: 1386666
Ion Ratio Lower Upper
178 100
176 19.7 15.9 23.9
179 16.0 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E
2000000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E



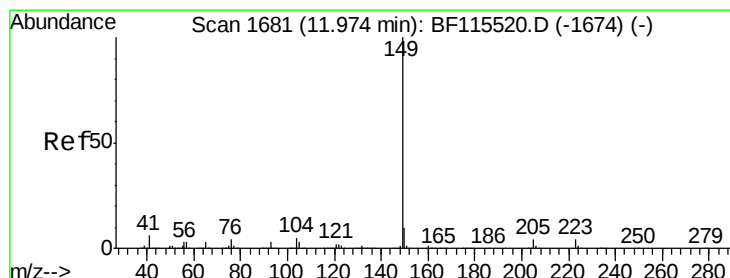
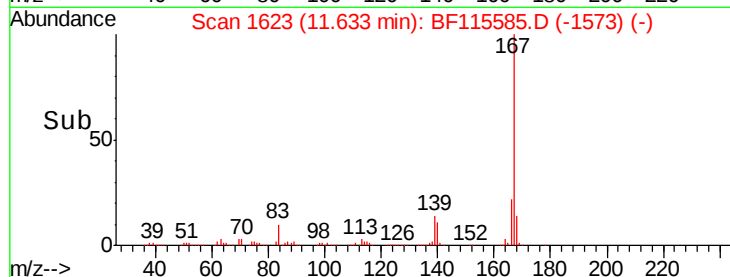
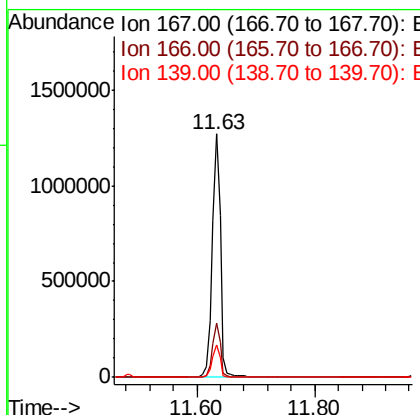
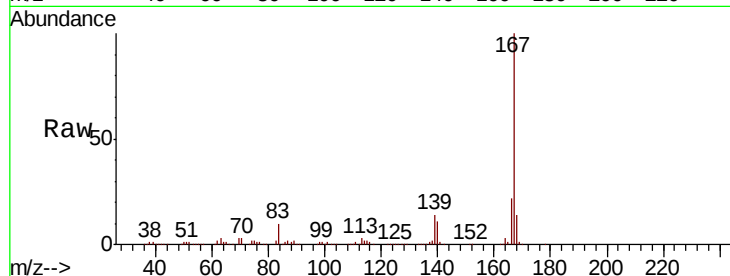


#73
 Carbazole
 Concen: 38.614 ng
 RT: 11.63 min Scan# 1623
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:167 Resp: 1242404

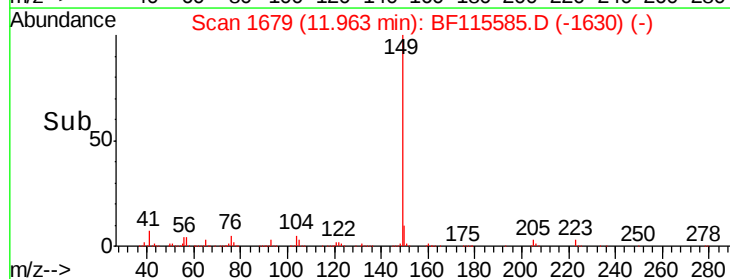
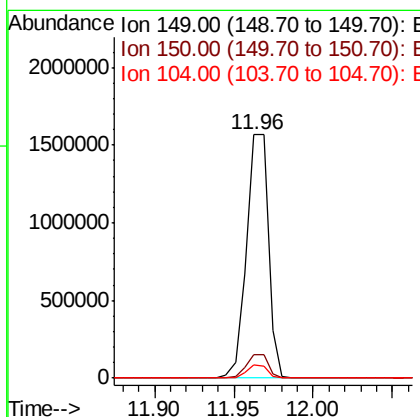
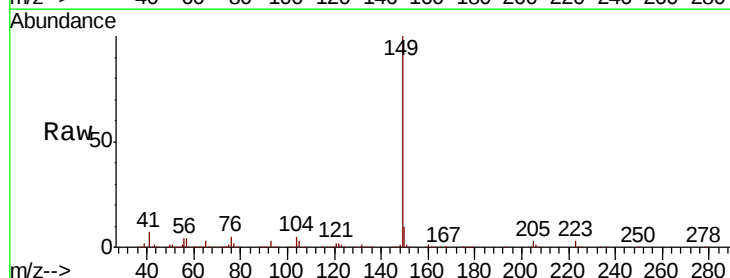
Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.1	27.1
139	13.5	11.3	16.9

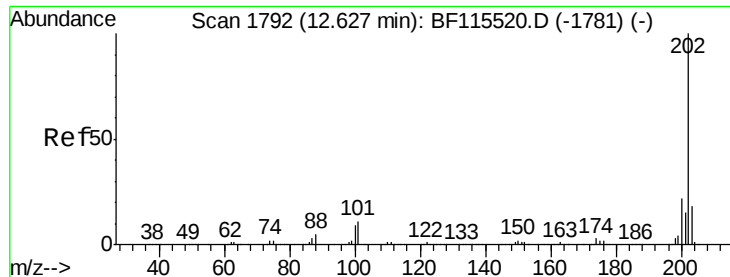


#74
 Di-n-butylphthalate
 Concen: 37.979 ng
 RT: 11.96 min Scan# 1679
 Delta R.T. -0.01 min
 Lab File: BF115585.D
 Acq: 16 Jul 2019 9:33

Tgt Ion:149 Resp: 1505176

Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.7	11.5
104	5.2	3.8	5.8

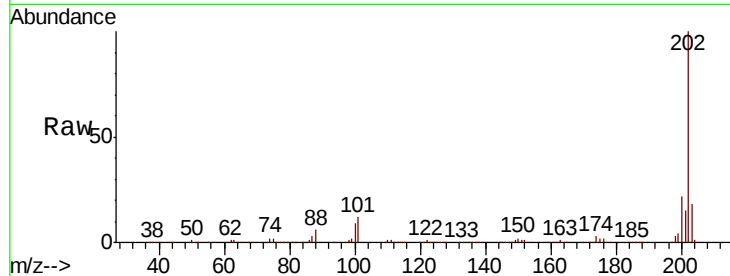




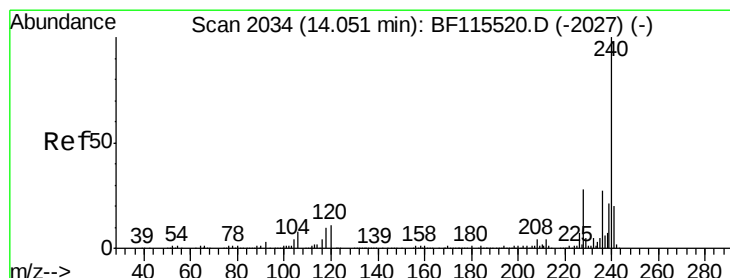
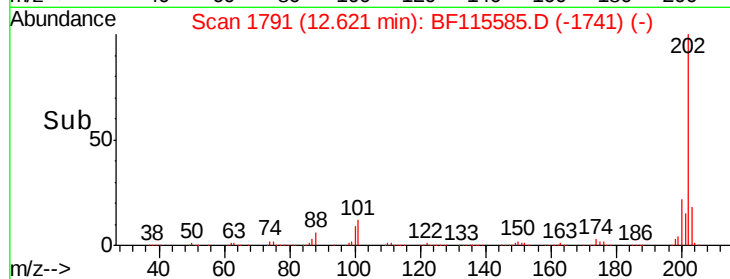
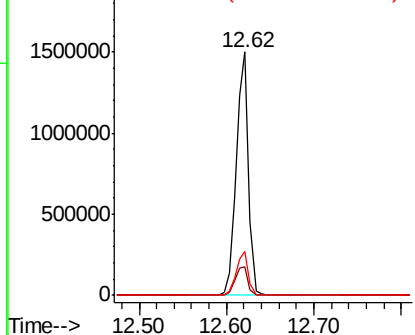
#75
Fluoranthene
Concen: 37.743 ng
RT: 12.62 min Scan# 1791
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:202 Resp: 1415991
Ion Ratio Lower Upper
202 100
101 11.7 0.0 31.4
203 18.0 0.0 38.1

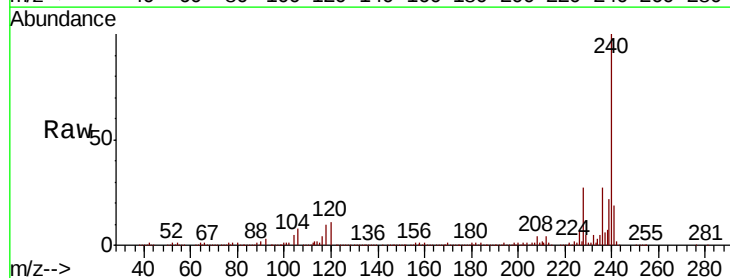


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

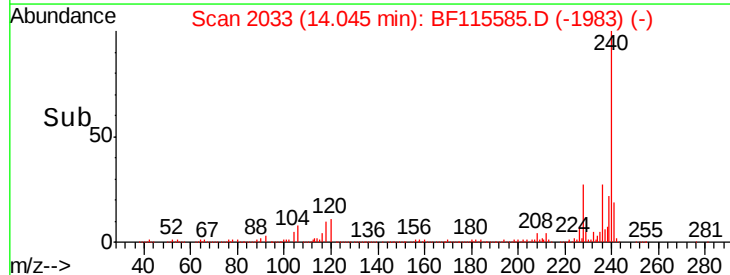
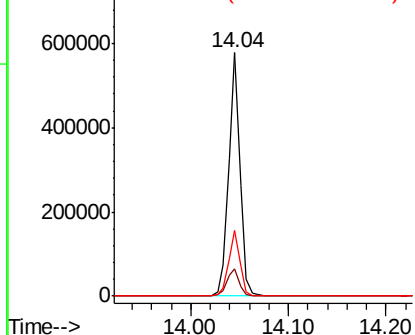


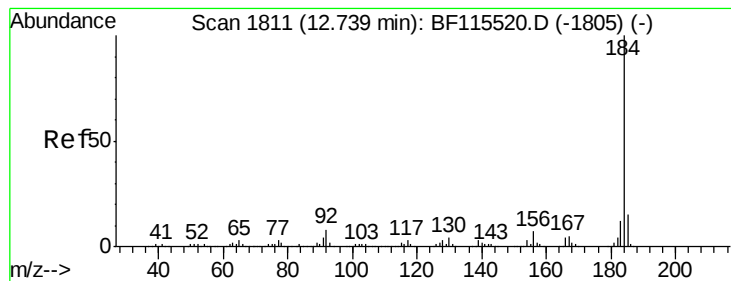
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion:240 Resp: 463473
Ion Ratio Lower Upper
240 100
120 11.3 8.6 13.0
236 27.1 21.3 31.9



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





#77

Benzidine

Concen: 18.557 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

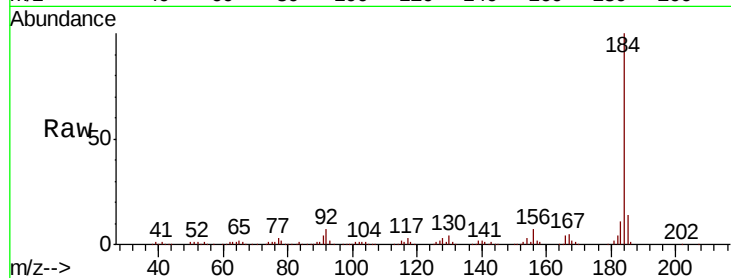
Tot Ion:184 Resp: 304676

Ion	Ratio	Lower	Upper
184	100		
185	14.1	12.0	18.0
183	11.5	9.3	13.9

184 100

185 14.1 12.0 18.0

183 11.5 9.3 13.9

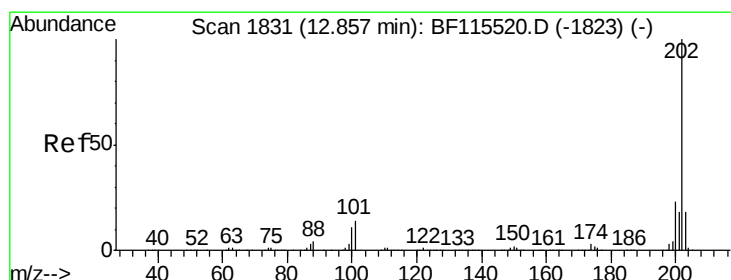
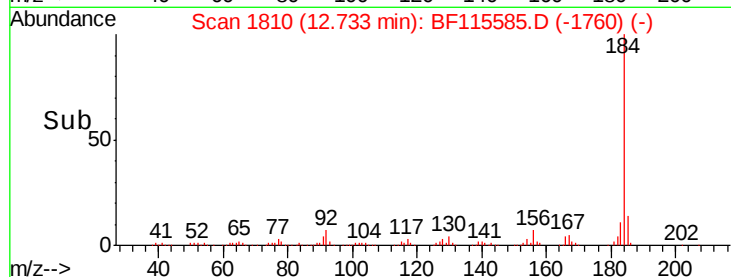
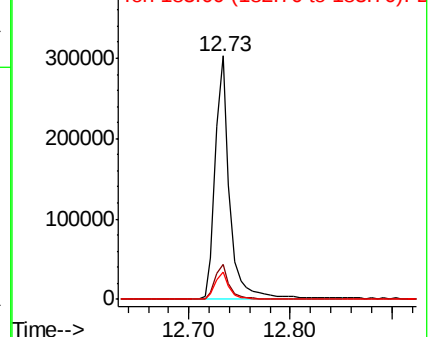


Abundance

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: 36.047 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

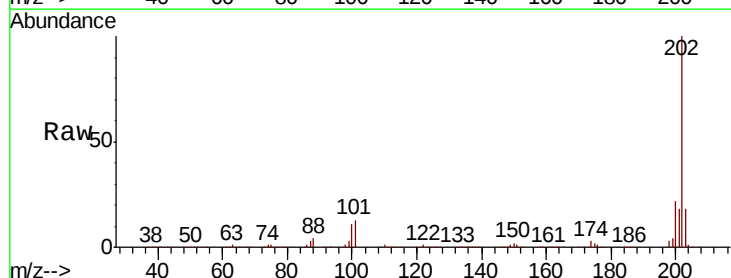
Tgt Ion:202 Resp: 1415446

Ion	Ratio	Lower	Upper
202	100		
200	22.4	18.7	28.1
203	18.1	15.2	22.8

202 100

200 22.4 18.7 28.1

203 18.1 15.2 22.8

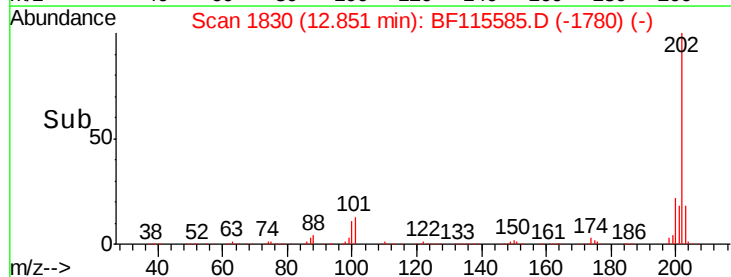
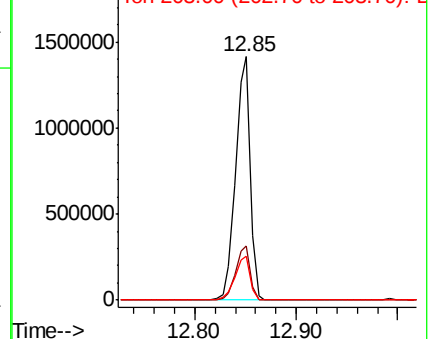


Abundance

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: 76.012 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampled :

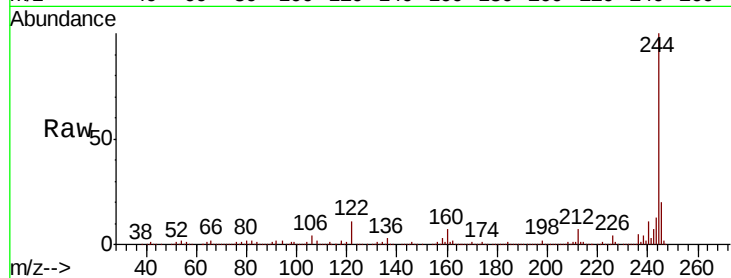
Tot Ion:244 Resp: 1909293

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

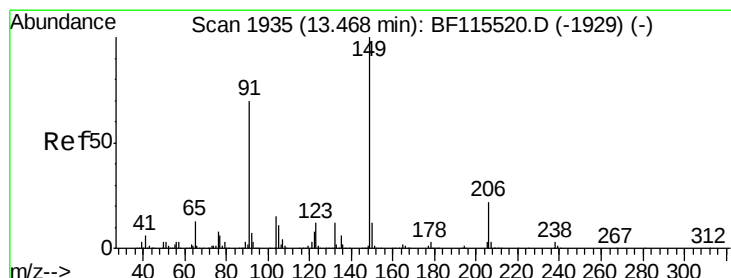
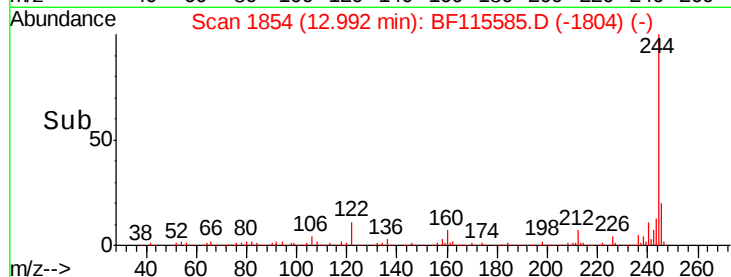
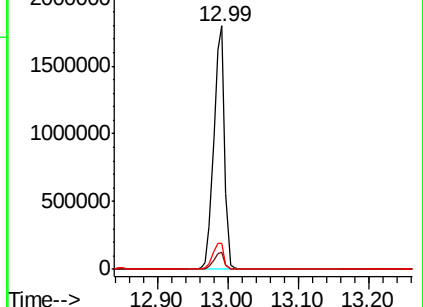
122 10.9 8.6 12.8



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: 39.580 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

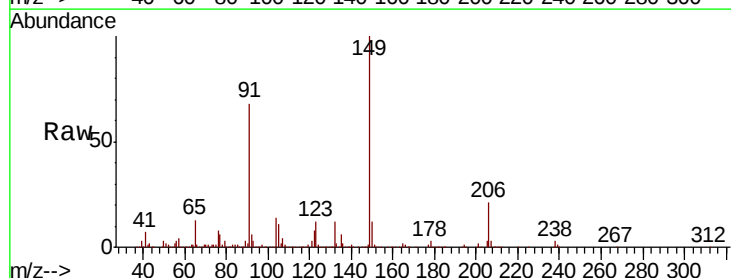
Tgt Ion:149 Resp: 662540

Ion Ratio Lower Upper

149 100

91 68.0 55.8 83.8

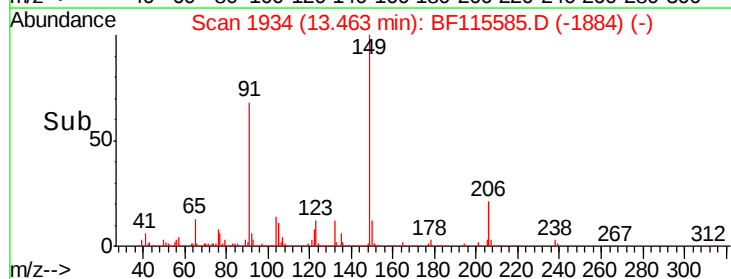
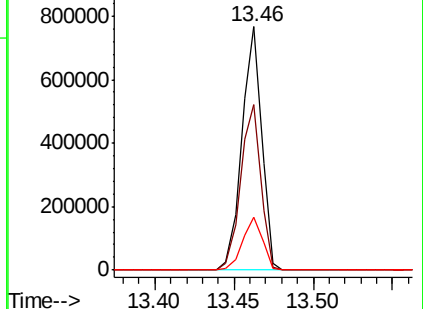
206 21.5 18.2 27.2

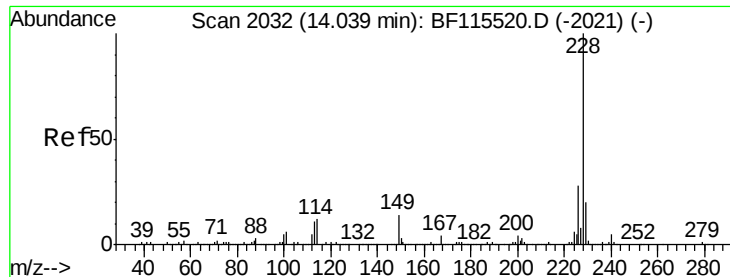


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 37.187 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

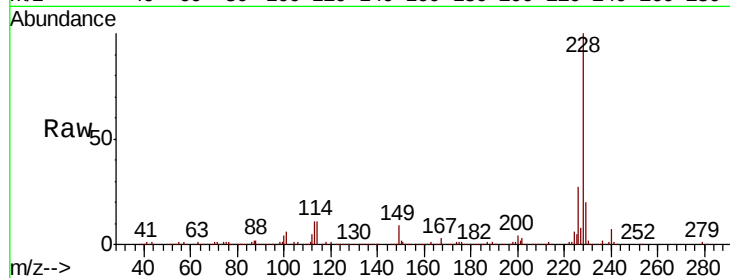
Tot Ion:228 Resp: 1135442

Ion Ratio Lower Upper

228 100

226 27.1 23.4 35.0

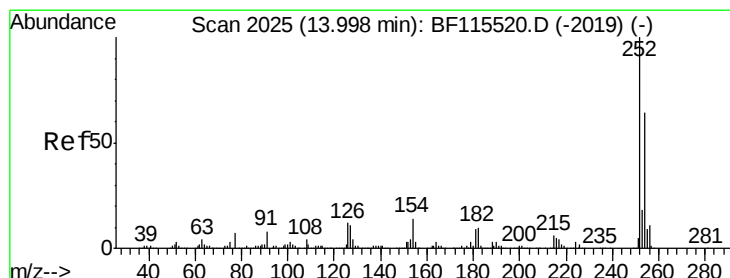
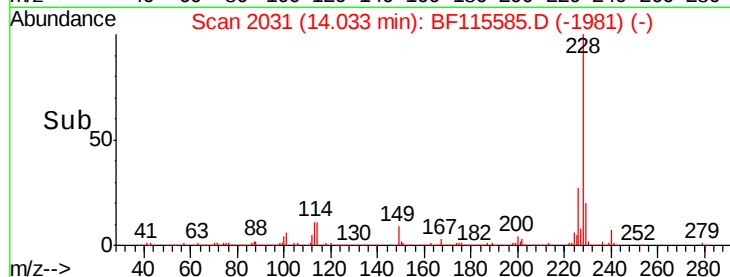
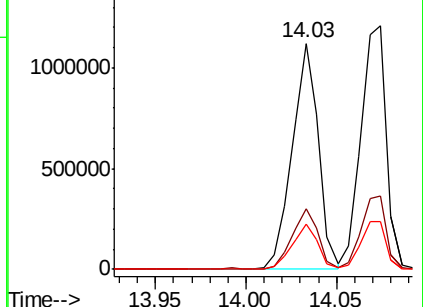
229 19.9 17.2 25.8



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



#82

3,3'-Dichlorobenzidine

Concen: 32.063 ng

RT: 13.99 min Scan# 2024

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

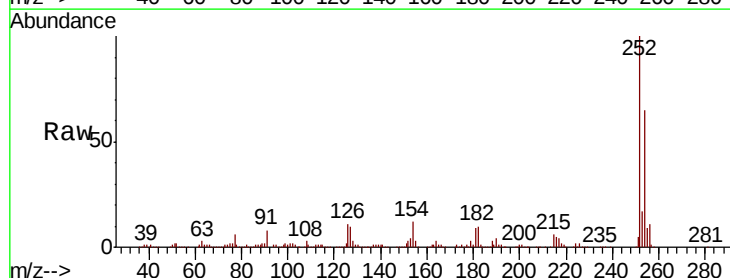
Tgt Ion:252 Resp: 348026

Ion Ratio Lower Upper

252 100

254 65.4 52.9 79.3

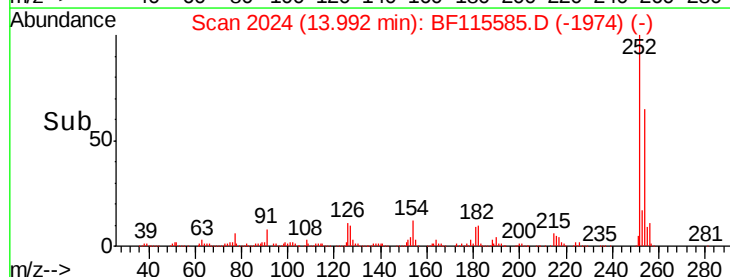
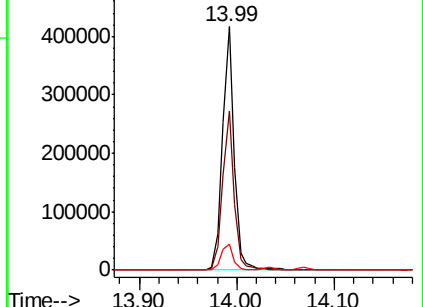
126 10.7 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 38.895 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

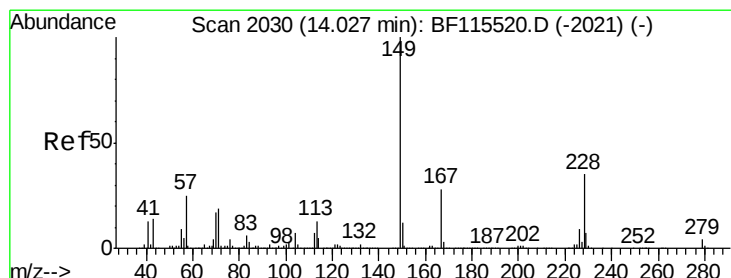
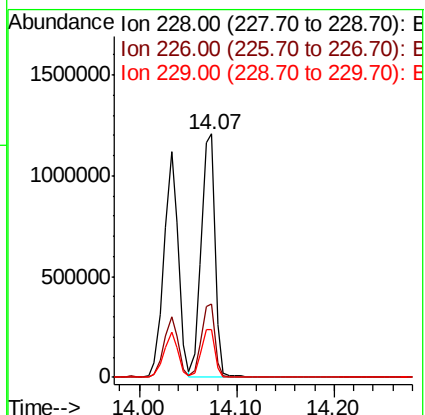
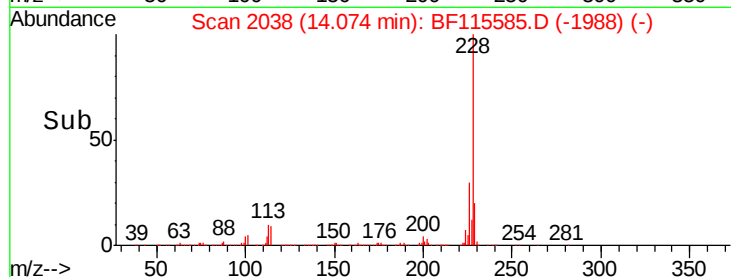
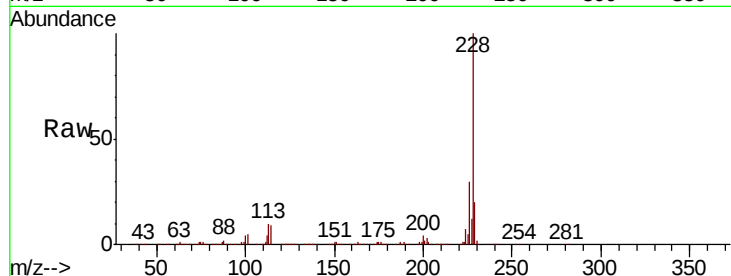
Tot Ion:228 Resp: 1192192

Ion	Ratio	Lower	Upper
228	100		
226	30.2	25.7	38.5
229	19.5	16.6	25.0

228 100

226 30.2 25.7 38.5

229 19.5 16.6 25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.475 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

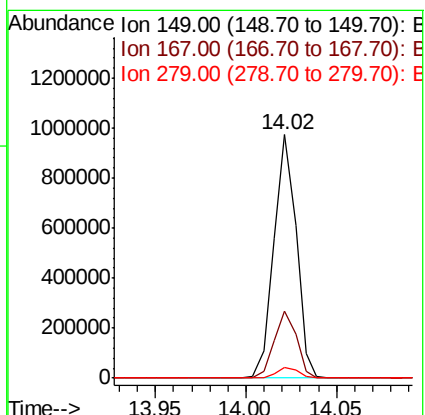
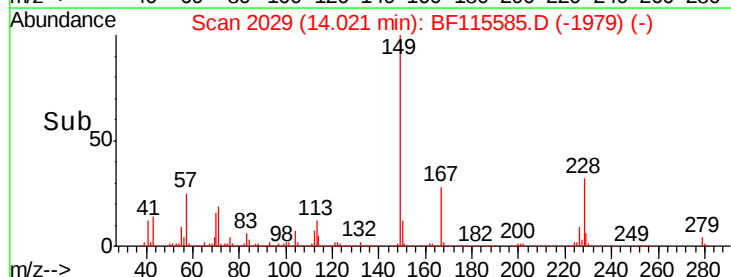
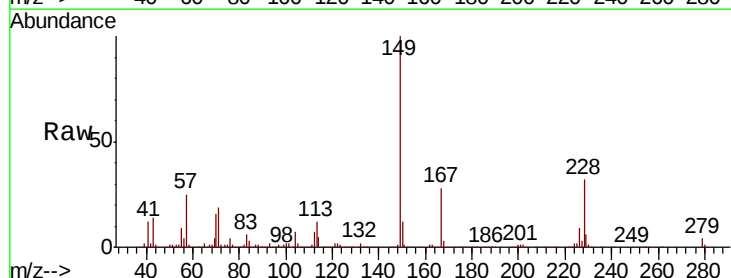
Tgt Ion:149 Resp: 839234

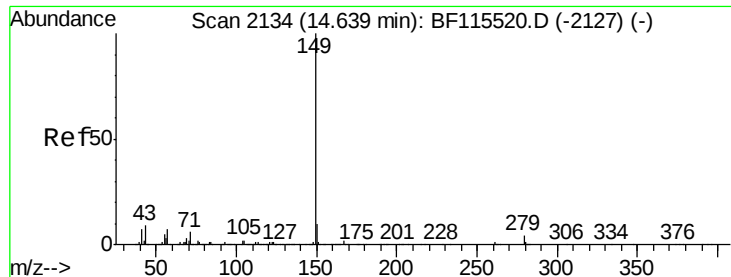
Ion	Ratio	Lower	Upper
149	100		
167	27.5	23.0	34.4
279	4.3	4.2	6.2

149 100

167 27.5 23.0 34.4

279 4.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 41.442 ng

RT: 14.63 min Scan# 2133

Delta R.T. -0.01 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampleId :

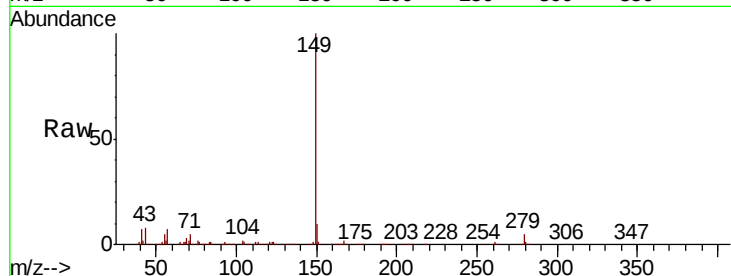
Tot Ion:149 Resp: 1367210

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

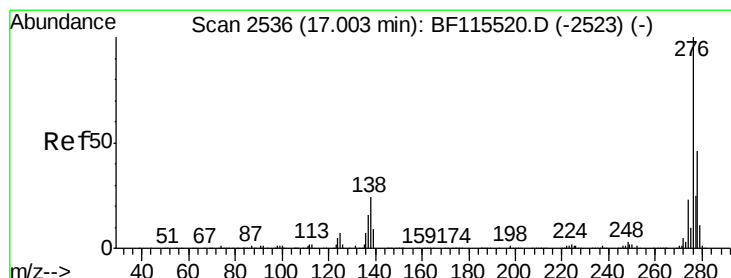
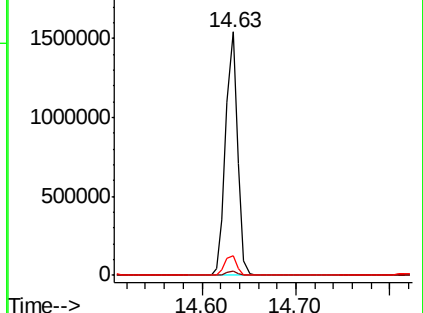
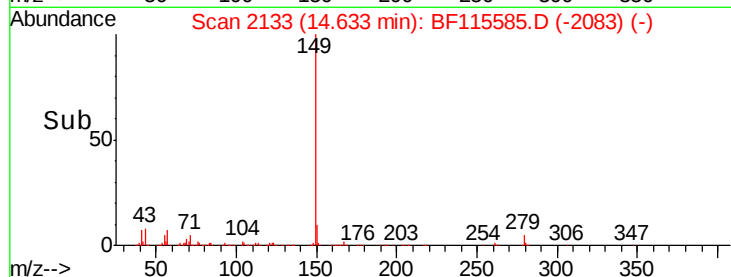
43 8.2 7.2 10.8



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: 35.864 ng

RT: 16.99 min Scan# 2533

Delta R.T. -0.02 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

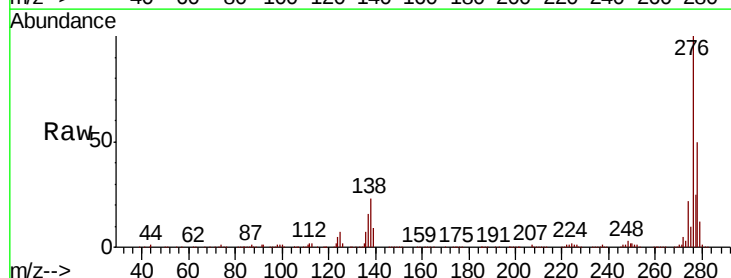
Tgt Ion:276 Resp: 933937

Ion Ratio Lower Upper

276 100

138 25.2 20.2 30.2

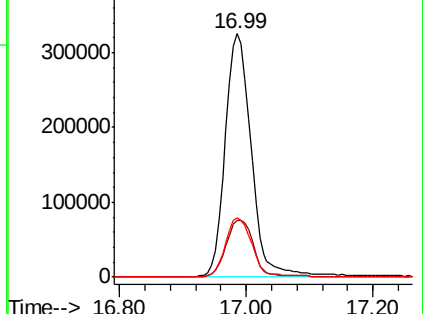
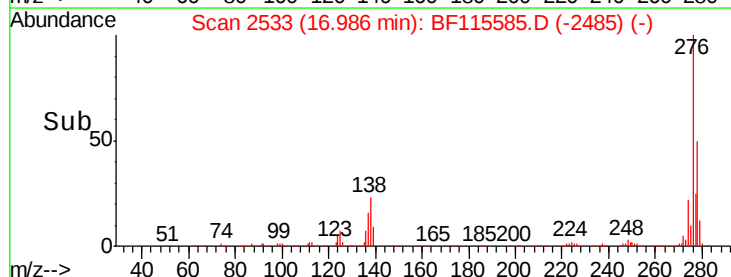
277 25.0 20.4 30.6

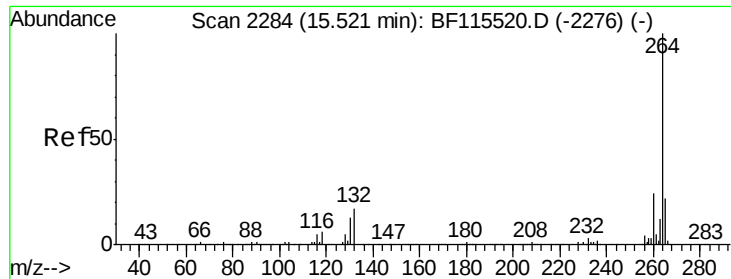


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



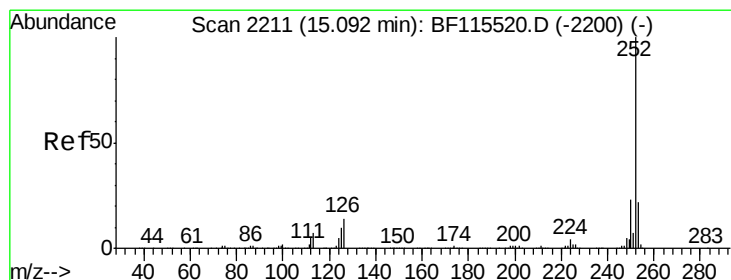
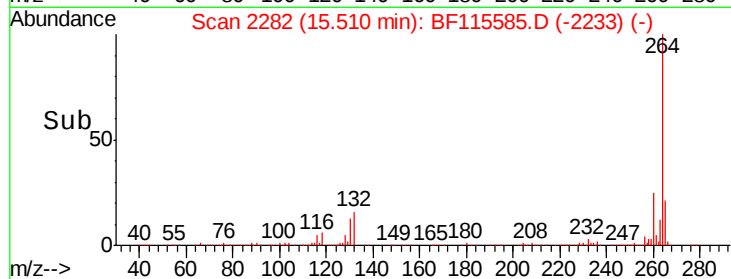
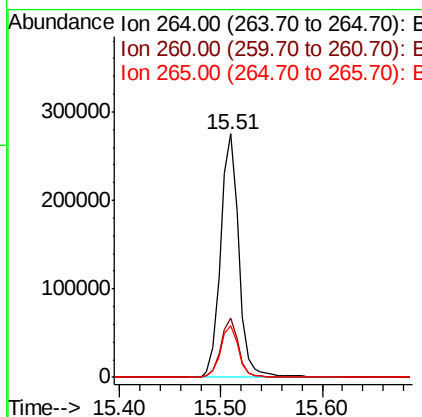
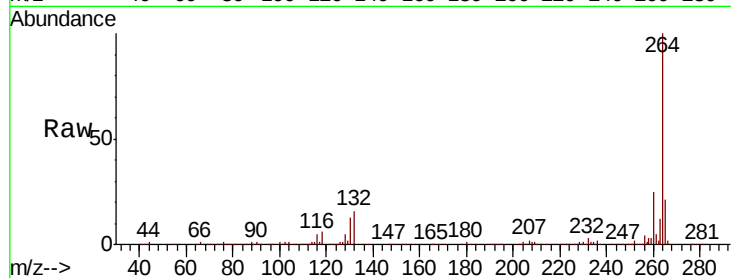


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.51 min Scan# 2282
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 343164

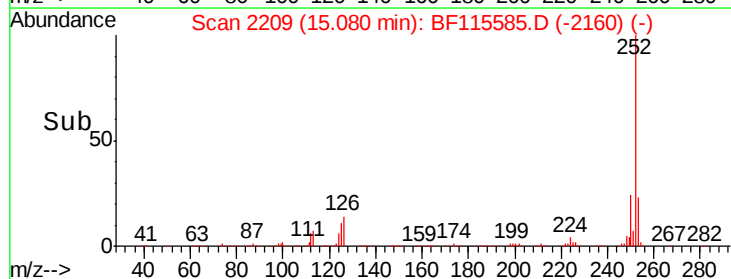
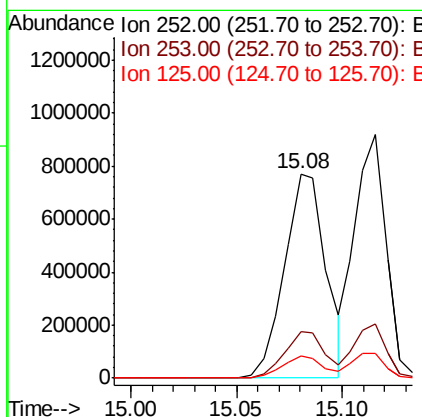
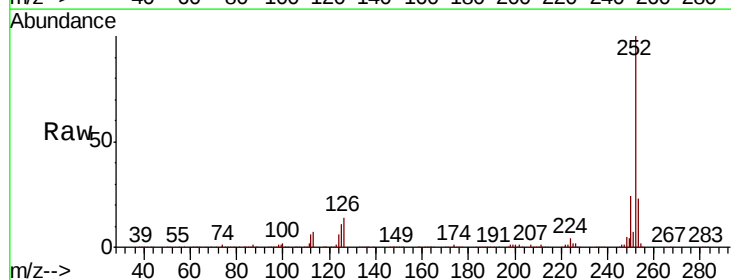
Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.8	29.8
265	21.1	17.7	26.5

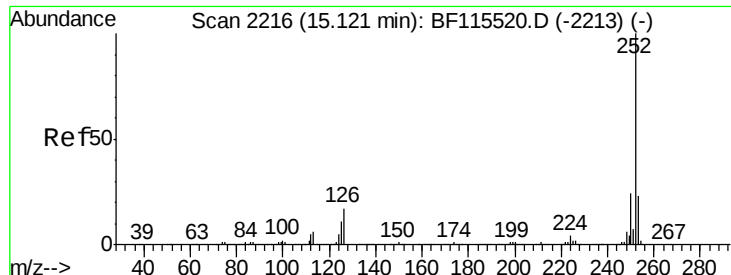


#88
Benzo(b)fluoranthene
Concen: 47.891 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion:252 Resp: 1058255

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.1	27.1
125	11.0	9.0	13.4

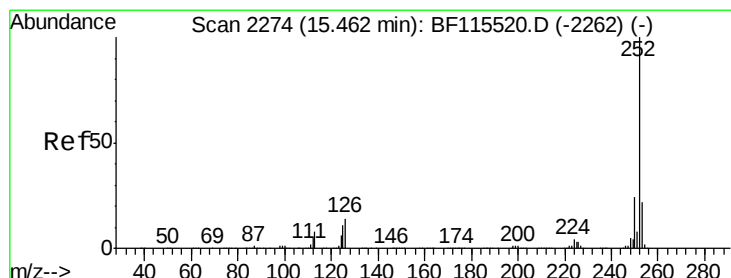
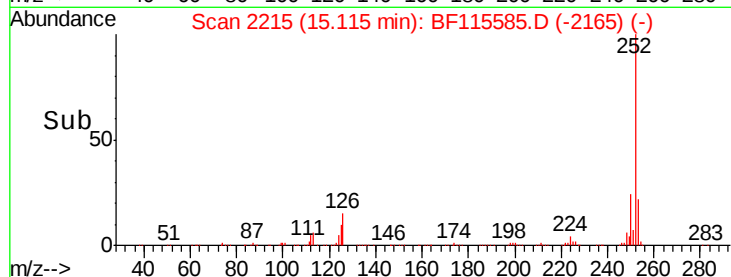
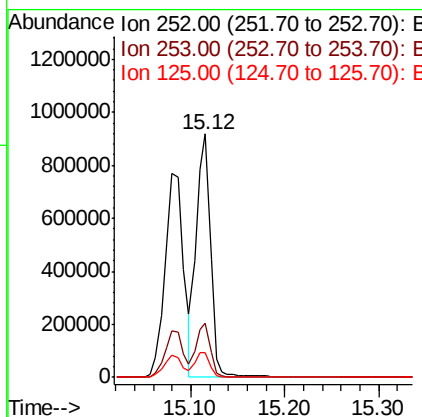
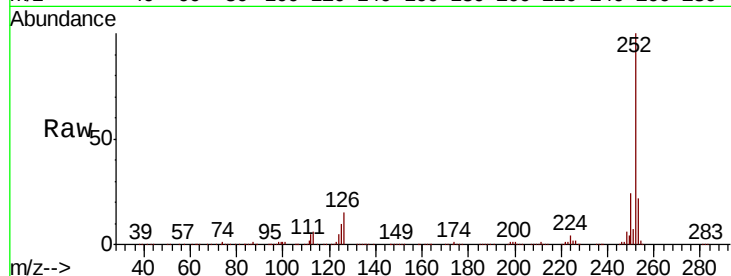




#89
Benzo(k)fluoranthene
Concen: 49.051 ng
RT: 15.12 min Scan# 2215
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

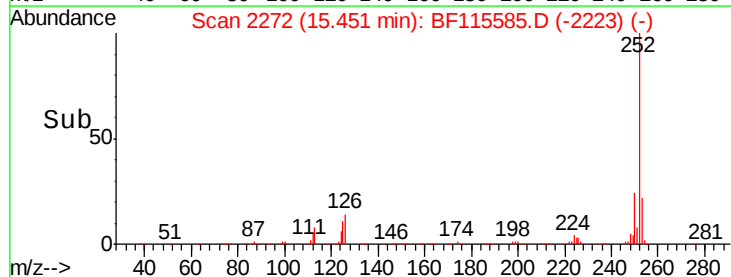
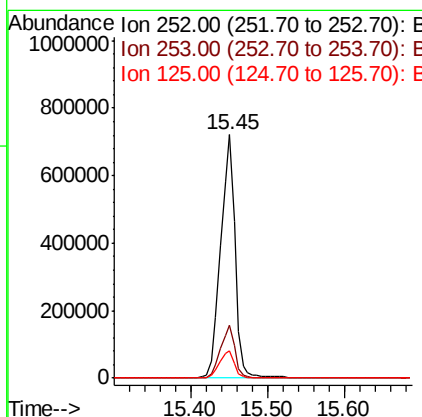
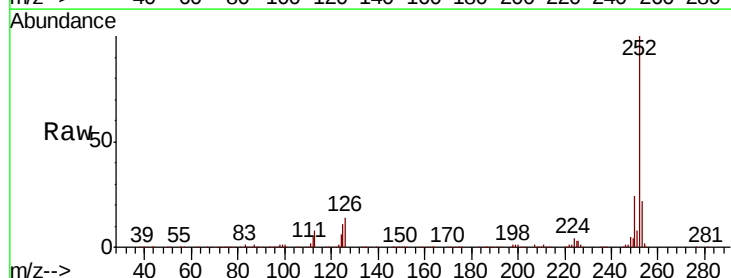
Instrument :
BNA_F
ClientSampleId :

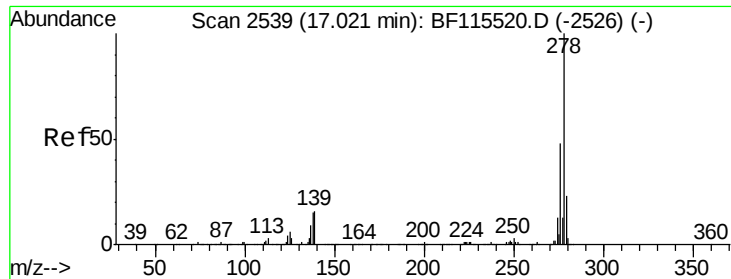
Tot Ion	Ratio	Lower	Upper
252	100		
253	22.3	18.6	28.0
125	10.0	9.0	13.6



#90
Benzo(a)pyrene
Concen: 49.066 ng
RT: 15.45 min Scan# 2272
Delta R.T. -0.01 min
Lab File: BF115585.D
Acq: 16 Jul 2019 9:33

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.6	17.8	26.6
125	11.3	9.1	13.7





#91

Dibenzo(a,h)anthracene

Concen: 47.511 ng

RT: 17.00 min Scan# 2536

Delta R.T. -0.02 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

Instrument :

BNA_F

ClientSampled :

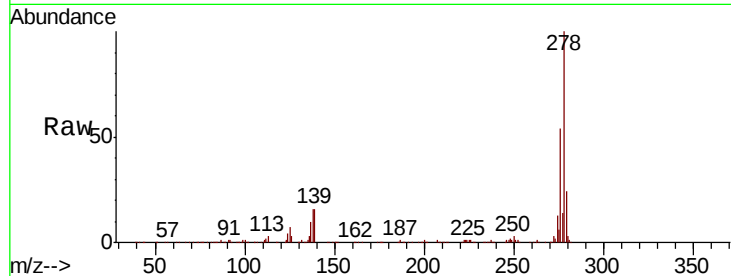
Tot Ion:278 Resp: 792159

Ion Ratio Lower Upper

278 100

139 16.2 13.1 19.7

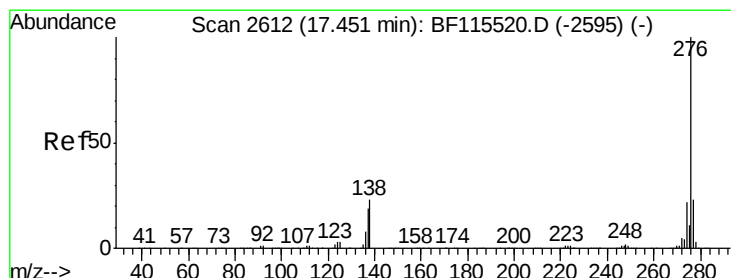
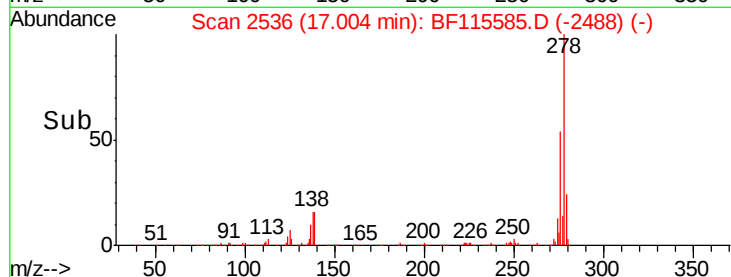
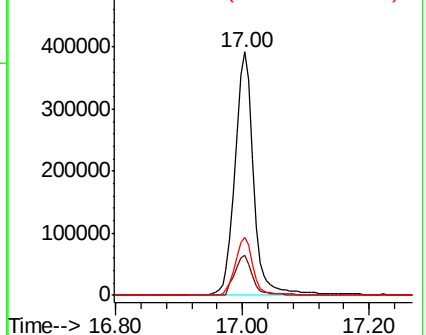
279 23.9 19.6 29.4



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: 43.645 ng

RT: 17.43 min Scan# 2609

Delta R.T. -0.02 min

Lab File: BF115585.D

Acq: 16 Jul 2019 9:33

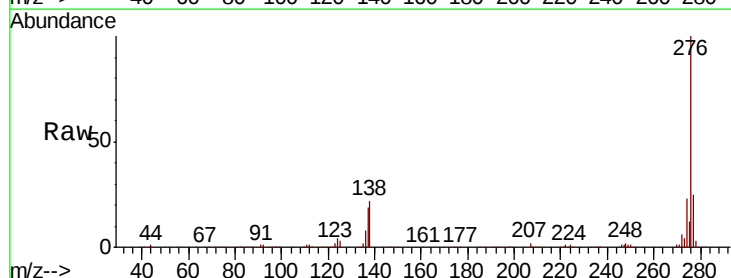
Tgt Ion:276 Resp: 725750

Ion Ratio Lower Upper

276 100

277 25.0 19.0 28.4

138 22.4 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

