

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071519\
 Data File : BF115559.D
 Acq On : 15 Jul 2019 16:32
 Operator : HP/JU
 Sample : PB121170BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 16 01:37:41 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	173339	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	687577	20.00	ng	0.00
39) Acenaphthene-d10	9.92	164	328352	20.00	ng	0.00
64) Phenanthrene-d10	11.40	188	643394	20.00	ng	0.00
76) Chrysene-d12	14.04	240	449468	20.00	ng	0.00
87) Perylene-d12	15.50	264	402432	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.52	112	1368878	129.17	ng	0.01
7) Phenol-d6	6.52	99	1710479	127.21	ng	0.00
23) Nitrobenzene-d5	7.45	82	1112206	94.06	ng	0.00
42) 2,4,6-Tribromophenol	10.71	330	549837	143.46	ng	0.00
45) 2-Fluorobiphenyl	9.24	172	2044539	108.98	ng	-0.01
79) Terphenyl-d14	12.99	244	2146013	88.10	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.79	88	222954	42.178	ng	99
3) Pyridine	3.53	79	582405	40.609	ng	99
4) n-Nitrosodimethylamine	3.48	42	222770	42.817	ng	99
6) Aniline	6.55	93	627823	33.550	ng	98
8) 2-Chlorophenol	6.67	128	553735	45.448	ng	100
9) Benzaldehyde	6.43	77	396732	47.214	ng	100
10) Phenol	6.53	94	675159	43.253	ng	85
11) bis(2-Chloroethyl)ether	6.62	93	516809	43.486	ng	99
12) 1,3-Dichlorobenzene	6.83	146	597640	43.628	ng	98
13) 1,4-Dichlorobenzene	6.90	146	604968	44.263	ng	98
14) 1,2-Dichlorobenzene	7.05	146	559922	44.815	ng	98
15) Benzyl Alcohol	7.02	79	494472	46.356	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.16	45	687877	43.964	ng	98
17) 2-Methylphenol	7.13	107	483251	46.025	ng	99
18) Hexachloroethane	7.40	117	220578	43.481	ng	100
19) n-Nitroso-di-n-propylamine	7.30	70	379787	43.307	ng	99
20) 3+4-Methylphenols	7.29	107	564708	45.279	ng	95
22) Acetophenone	7.29	105	752785	48.462	ng	# 91
24) Nitrobenzene	7.46	77	606326	47.540	ng	99
25) Isophorone	7.70	82	1106446	46.761	ng	99
26) 2-Nitrophenol	7.77	139	318354	48.494	ng	99
27) 2,4-Dimethylphenol	7.82	122	534058	54.371	ng	99
28) bis(2-Chloroethoxy)methane	7.91	93	682846	47.041	ng	99
29) 2,4-Dichlorophenol	8.02	162	498145	48.764	ng	100
30) 1,2,4-Trichlorobenzene	8.10	180	537458	46.545	ng	97
31) Naphthalene	8.19	128	1629835	48.945	ng	97
32) Benzoic acid	7.95	122	375249	46.551	ng	97
33) 4-Chloroaniline	8.23	127	412676	27.978	ng	98
34) Hexachlorobutadiene	8.31	225	303847	45.886	ng	98
35) Caprolactam	8.60	113	87014	27.565	ng	97
36) 4-Chloro-3-methylphenol	8.71	107	515574	48.655	ng	99
37) 2-Methylnaphthalene	8.88	142	1097268	49.710	ng	97
38) 1-Methylnaphthalene	8.97	142	1032303	49.237	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	491584	49.716	ng	98

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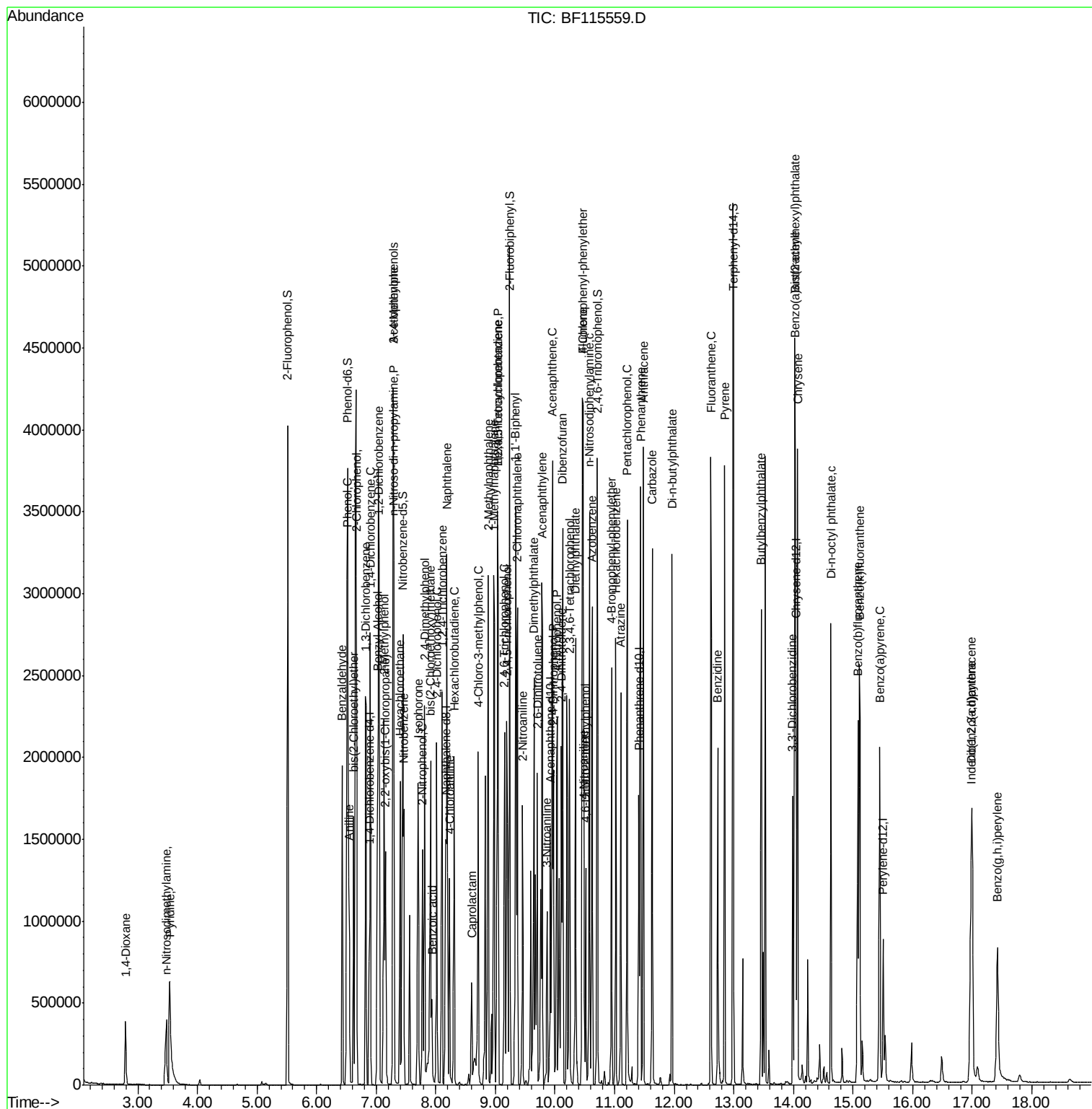
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41) Hexachlorocyclopentadiene	9.04	237	493465	87.487	nq	99
43) 2,4,6-Trichlorophenol	9.16	196	364183	50.365	nq	99
44) 2,4,5-Trichlorophenol	9.19	196	375923	50.765	nq	99
46) 1,1'-Biphenyl	9.34	154	1277249	49.756	nq	98
47) 2-Chloronaphthalene	9.37	162	1002310	46.893	nq	98
48) 2-Nitroaniline	9.46	65	301351	45.551	nq	99
49) Acenaphthylene	9.78	152	1528562	48.263	nq	98
50) Dimethylphthalate	9.65	163	1168304	47.292	nq	98
51) 2,6-Dinitrotoluene	9.70	165	274424	48.880	nq	99
52) Acenaphthene	9.96	154	1069652	52.312	nq	99
53) 3-Nitroaniline	9.86	138	191327	29.822	nq	95
54) 2,4-Dinitrophenol	9.97	184	295035	102.356	nq	99
55) Dibenzofuran	10.13	168	1437790	49.514	nq	100
56) 4-Nitrophenol	10.03	139	488278	99.806	nq	100
57) 2,4-Dinitrotoluene	10.10	165	378850	52.087	nq	97
58) Fluorene	10.47	166	1048830	50.524	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.25	232	325846	52.638	nq	99
60) Diethylphthalate	10.35	149	1167062	50.420	nq	99
61) 4-Chlorophenyl-phenylether	10.46	204	544714	47.317	nq	95
62) 4-Nitroaniline	10.49	138	299276	48.631	nq	98
63) Azobenzene	10.62	77	1130387	50.348	nq	97
65) 4,6-Dinitro-2-methylphenol	10.52	198	205763	52.345	nq	92
66) n-Nitrosodiphenylamine	10.58	169	982666	49.100	nq	99
67) 4-Bromophenyl-phenylether	10.95	248	352169	47.898	nq	95
68) Hexachlorobenzene	11.02	284	393166	46.825	nq	97
69) Atrazine	11.10	200	303424	46.214	nq	99
70) Pentachlorophenol	11.21	266	460971	89.762	nq	99
71) Phenanthrene	11.43	178	1544544	46.833	nq	98
72) Anthracene	11.48	178	1591785	46.703	nq	99
73) Carbazole	11.63	167	1401187	46.880	nq	100
74) Di-n-butylphthalate	11.96	149	1679380	45.616	nq	99
75) Fluoranthene	12.62	202	1609924	46.195	nq	97
77) Benzidine	12.73	184	849564	53.356	nq	100
78) Pyrene	12.85	202	1617729	42.482	nq	98
80) Butylbenzylphthalate	13.46	149	733701	45.197	nq	97
81) Benzo(a)anthracene	14.03	228	1340042	45.255	nq	97
82) 3,3'-Dichlorobenzidine	13.99	252	389978	37.047	nq	97
83) Chrysene	14.07	228	1380417	46.439	nq	99
84) Bis(2-ethylhexyl)phthalate	14.02	149	911438	45.327	nq	100
85) Di-n-octyl phthalate	14.63	149	1485340	46.426	nq	98
86) Indeno(1,2,3-cd)pyrene	16.98	276	1114969	44.150	nq	100
88) Benzo(b)fluoranthene	15.08	252	1196170	46.160	nq	99
89) Benzo(k)fluoranthene	15.11	252	1188663	51.450	nq	99
90) Benzo(a)pyrene	15.44	252	1122328	50.391	nq	99
91) Dibenzo(a,h)anthracene	17.00	278	934015	47.769	nq	99
92) Benzo(g,h,i)perylene	17.43	276	882804	45.271	nq	98

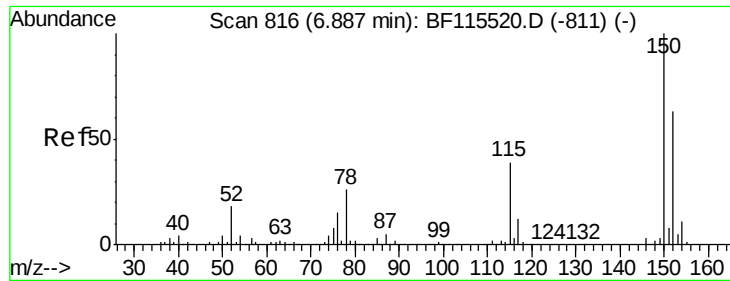
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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ALS Vial  : 4      Sample Multiplier: 1
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BNA_F
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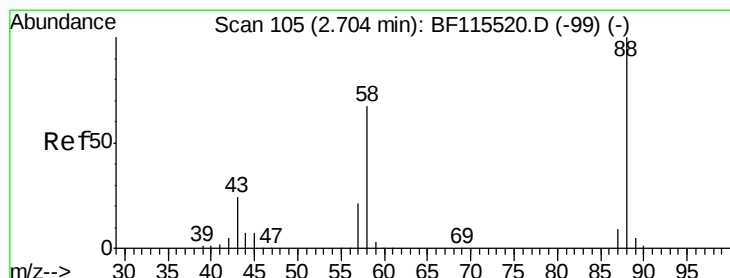
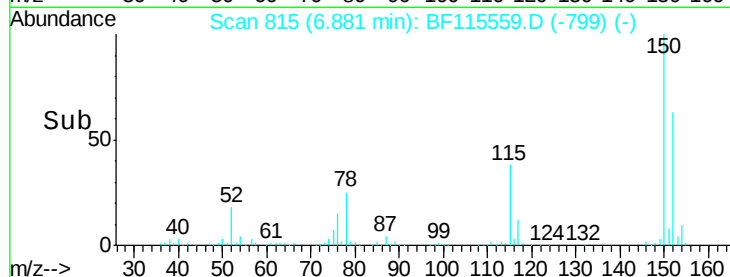
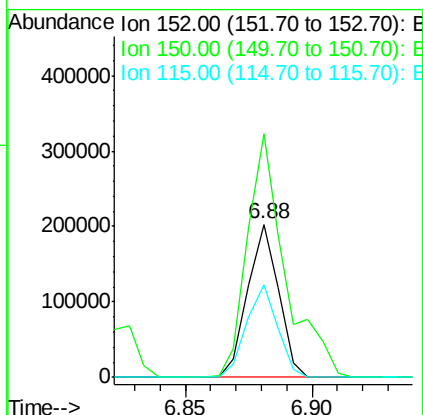
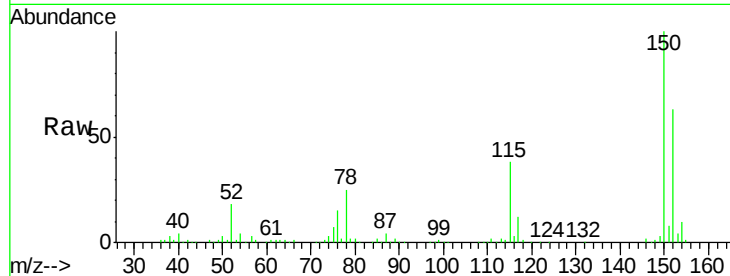


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Instrument :
BNA_F
ClientSampleId :

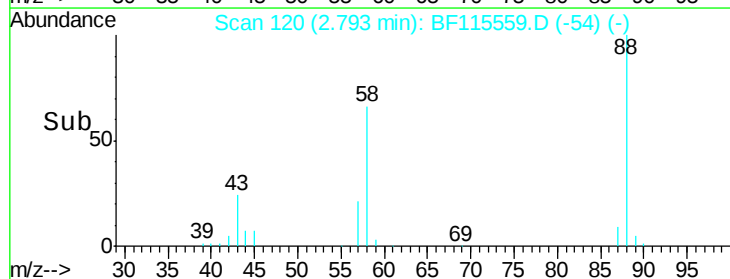
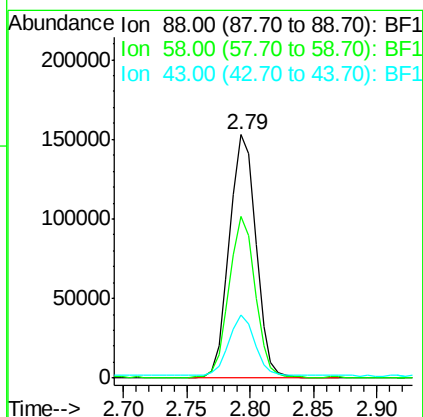
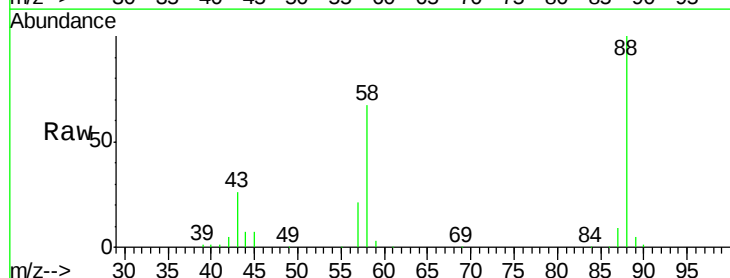
Tot Ion:152 Resp: 173339
Ion Ratio Lower Upper
152 100
150 158.9 129.7 194.5
115 60.4 48.2 72.4

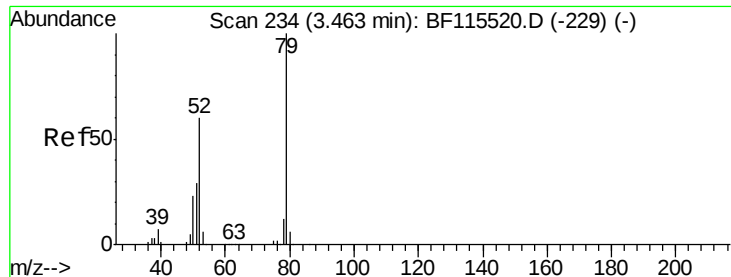


#2

1,4-Dioxane
Concen: 42.178 ng
RT: 2.79 min Scan# 120
Delta R.T. 0.09 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion: 88 Resp: 222954
Ion Ratio Lower Upper
88 100
58 65.1 52.6 79.0
43 24.4 19.1 28.7

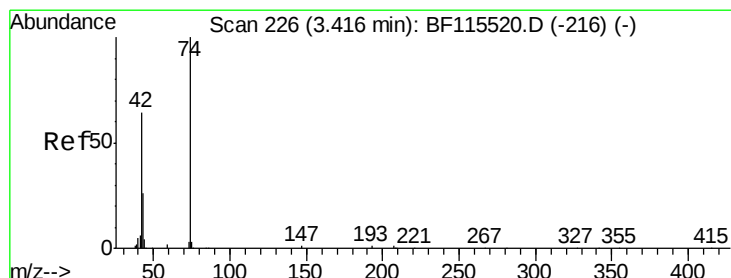
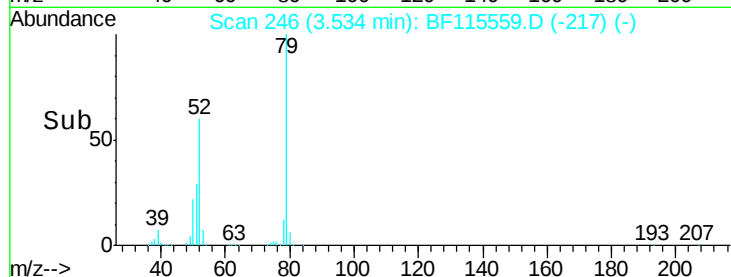
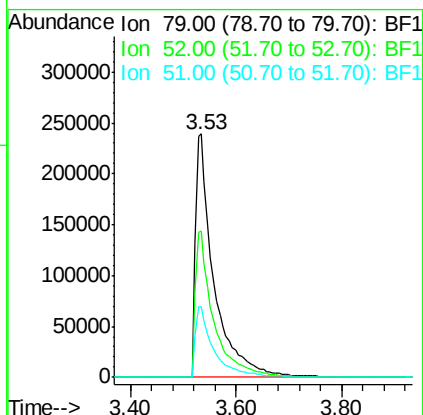
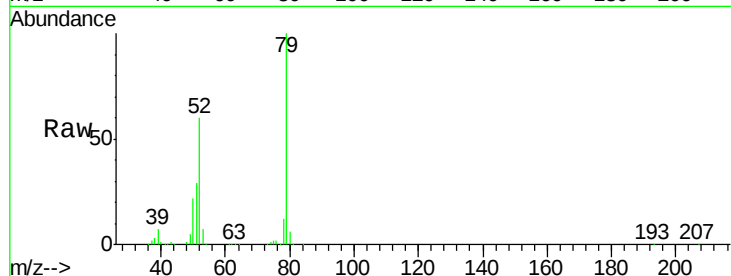




#3
 Pvridine
 Concen: 40.609 ng
 RT: 3.53 min Scan# 246
 Delta R.T. 0.07 min
 Lab File: BF115559.D
 Acq: 15 Jul 2019 16:32

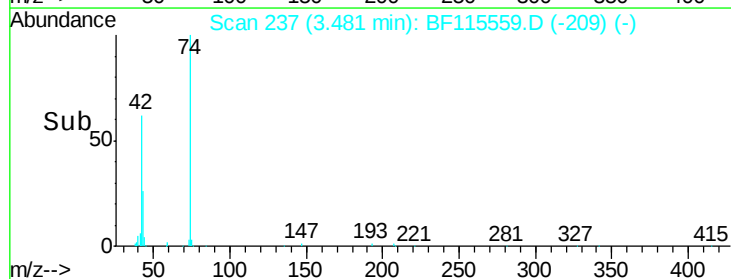
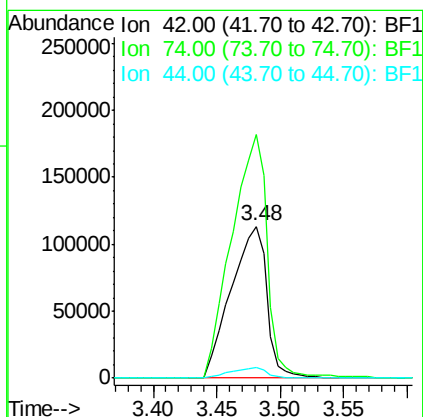
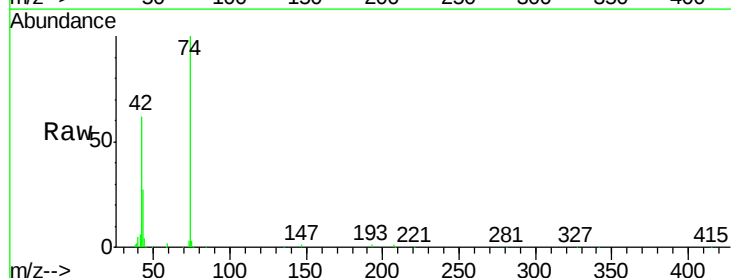
Instrument :
 BNA_F
 ClientSampleId :

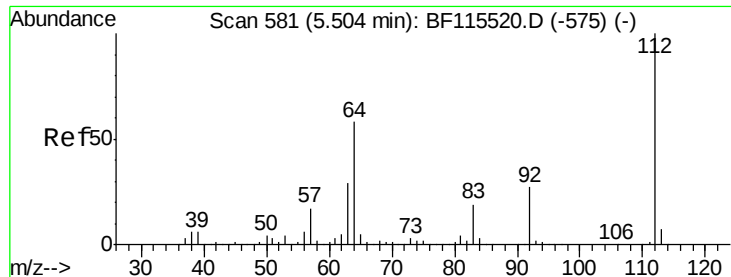
Tot Ion: 79 Resp: 582405
 Ion Ratio Lower Upper
 79 100
 52 60.0 47.8 71.6
 51 29.1 23.8 35.8



#4
 n-Nitrosodimethylamine
 Concen: 42.817 ng
 RT: 3.48 min Scan# 237
 Delta R.T. 0.06 min
 Lab File: BF115559.D
 Acq: 15 Jul 2019 16:32

Tgt Ion: 42 Resp: 222770
 Ion Ratio Lower Upper
 42 100
 74 160.6 127.5 191.3
 44 6.7 5.0 7.6





#5

2-Fluorophenol

Concen: 129.174 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

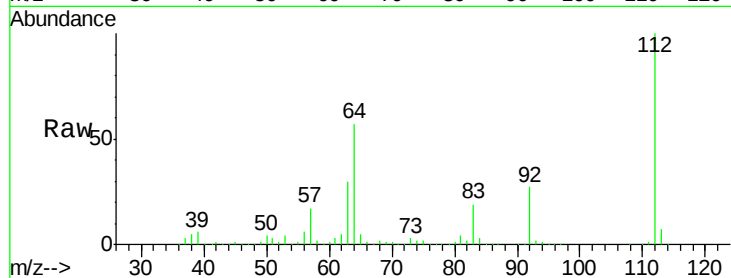
Tot Ion: 112 Resp: 1368878

Ion Ratio Lower Upper

112 100

64 57.4 46.8 70.2

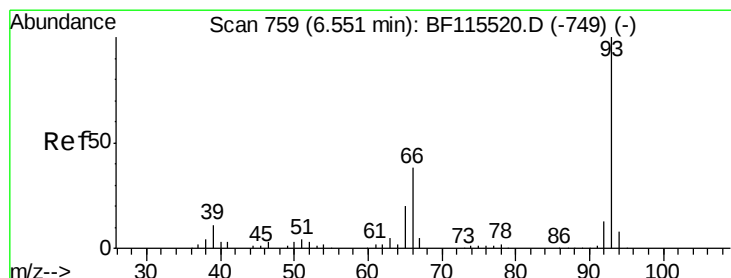
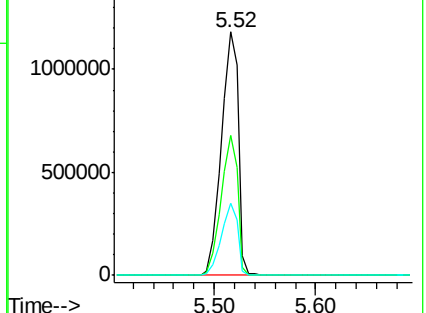
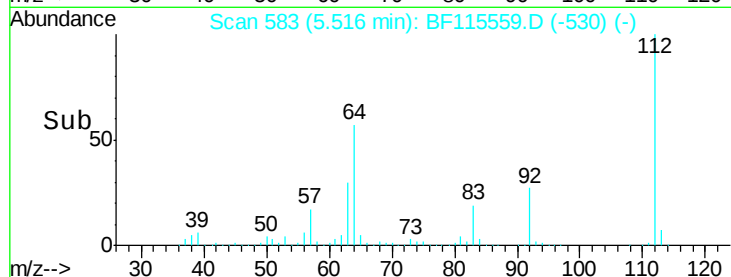
63 29.6 24.1 36.1



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 33.550 ng

RT: 6.55 min Scan# 758

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

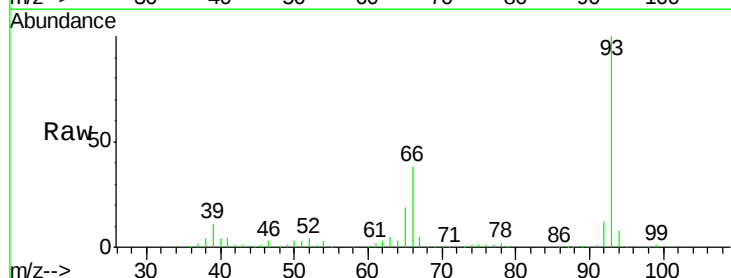
Tgt Ion: 93 Resp: 627823

Ion Ratio Lower Upper

93 100

66 38.2 31.7 47.5

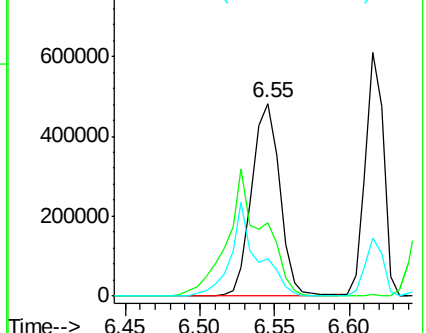
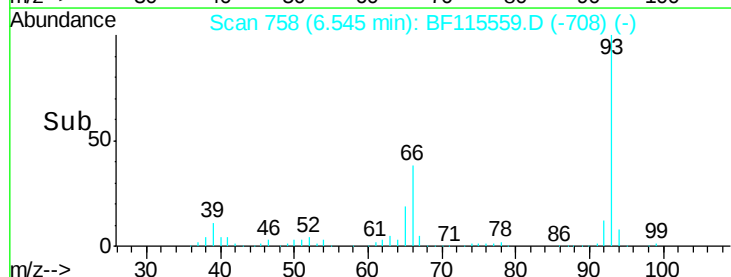
65 19.4 16.2 24.2

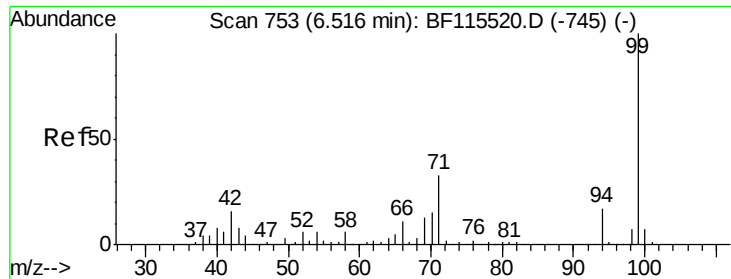


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 127.205 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.00 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

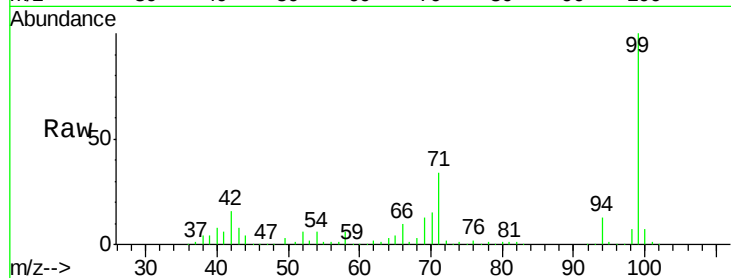
Tot Ion: 99 Resp: 1710479

Ion Ratio Lower Upper

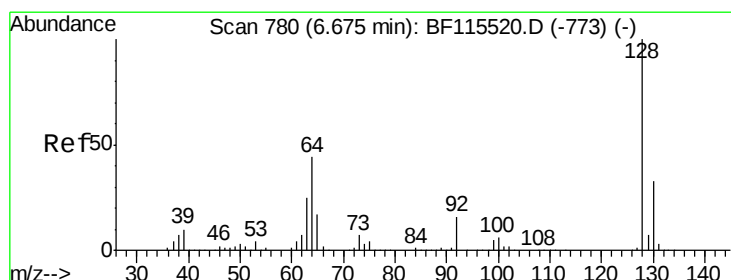
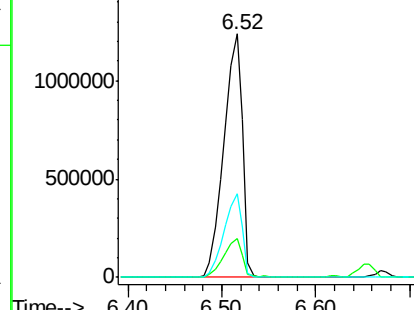
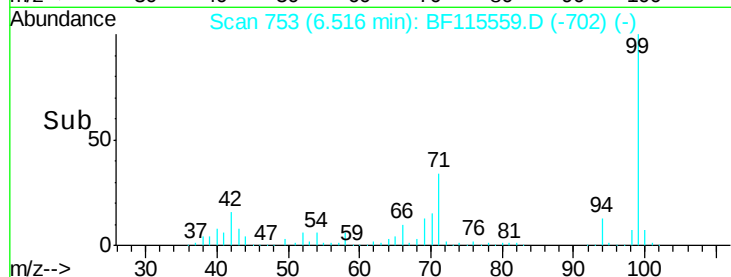
99 100

42 15.9 13.6 20.4

71 34.1 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: 45.448 ng

RT: 6.67 min Scan# 779

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

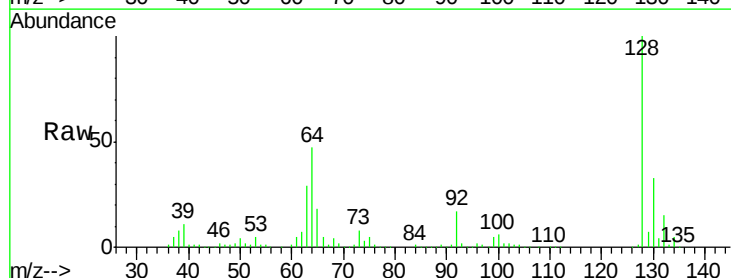
Tgt Ion:128 Resp: 553735

Ion Ratio Lower Upper

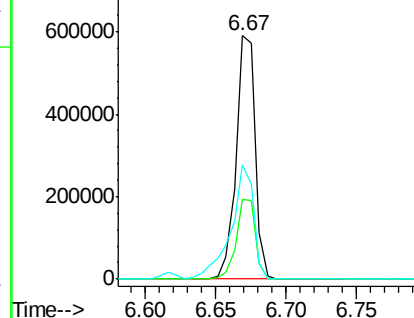
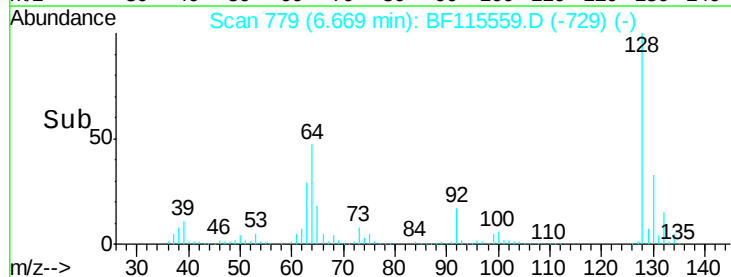
128 100

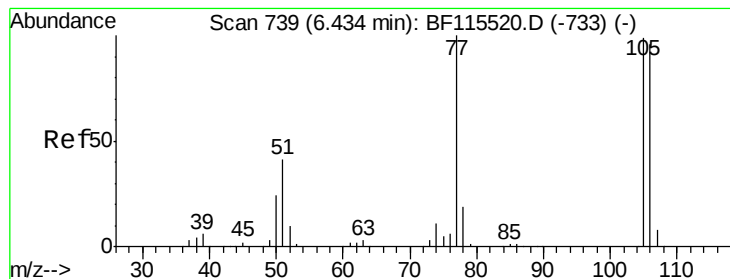
130 32.6 12.8 52.8

64 46.9 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: 47.214 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampled :

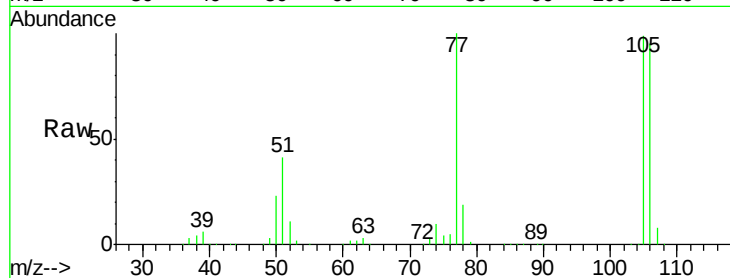
Tot Ion: 77 Resp: 396732

Ion Ratio Lower Upper

77 100

105 98.7 78.8 118.8

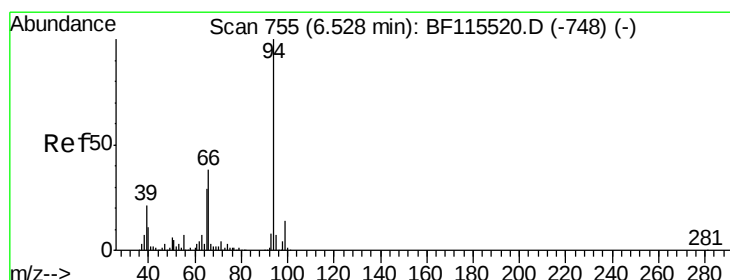
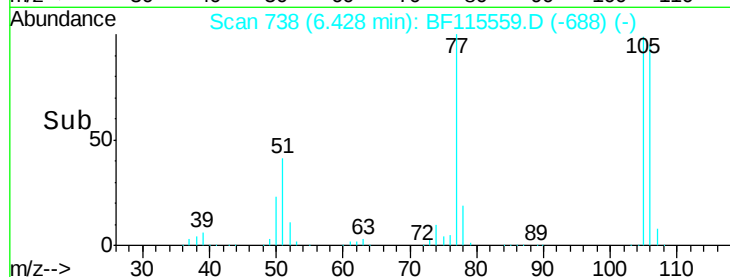
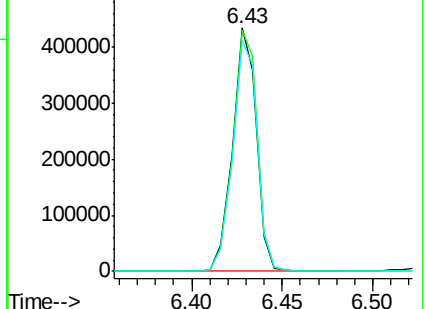
106 95.0 75.6 115.6



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: 43.253 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.00 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

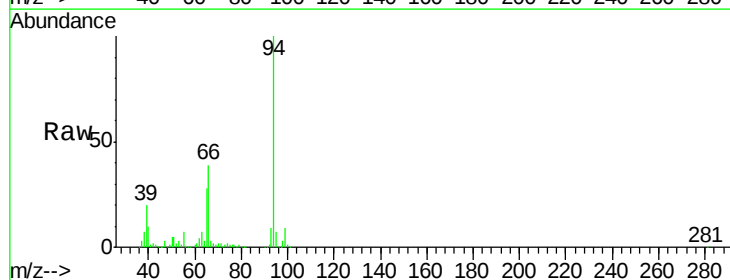
Tgt Ion: 94 Resp: 675159

Ion Ratio Lower Upper

94 100

65 28.4 14.5 54.5

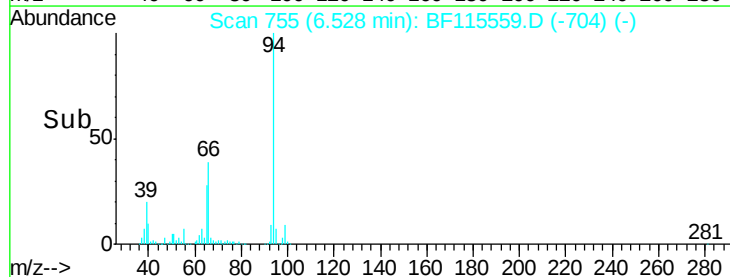
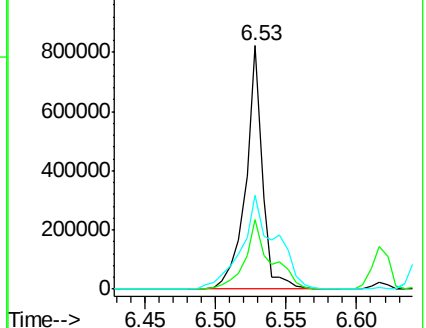
66 38.5 31.3 71.3

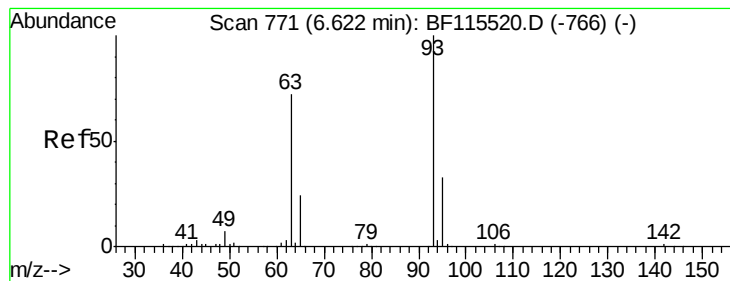


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 43.486 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

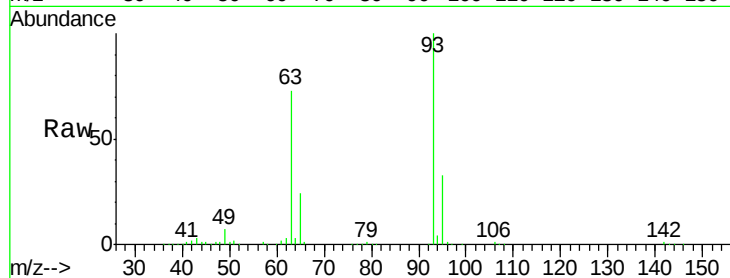
Tot Ion: 93 Resp: 516809

Ion Ratio Lower Upper

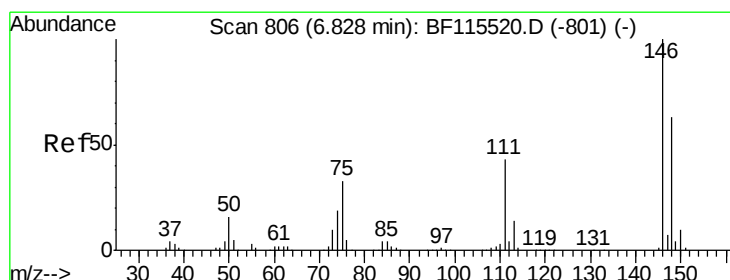
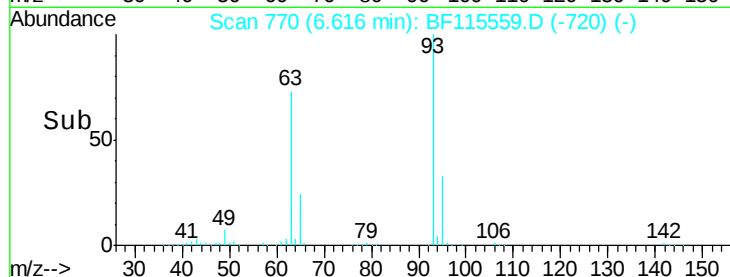
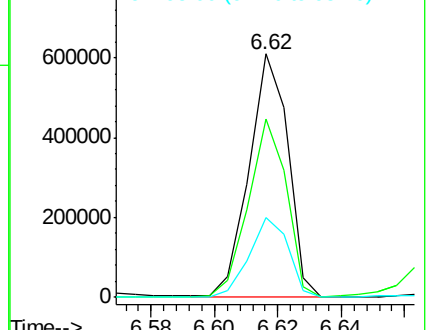
93 100

63 73.3 52.2 92.2

95 33.0 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: 43.628 ng

RT: 6.83 min Scan# 806

Delta R.T. 0.00 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

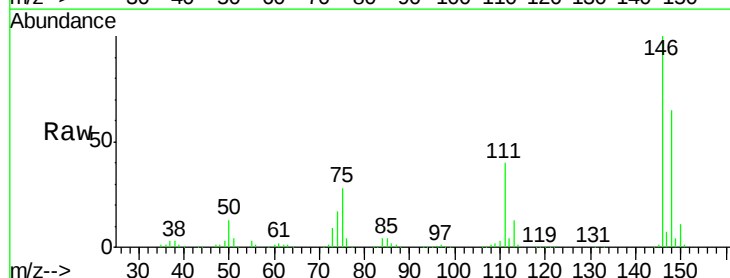
Tgt Ion: 146 Resp: 597640

Ion Ratio Lower Upper

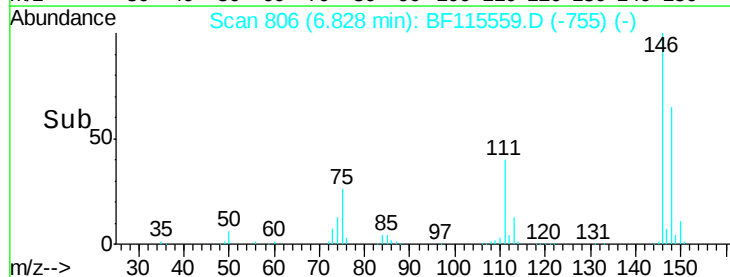
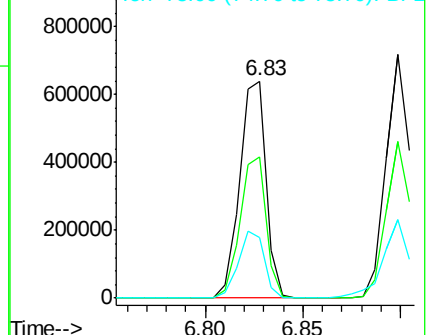
146 100

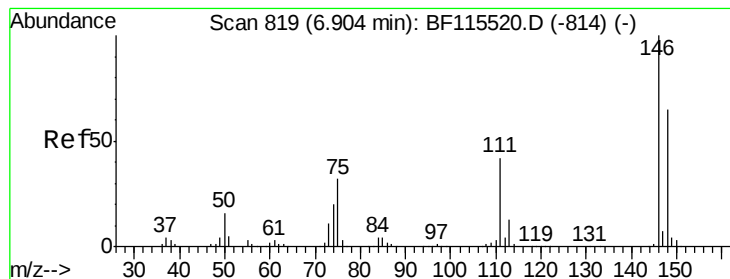
148 65.1 52.1 78.1

75 27.9 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: 44.263 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

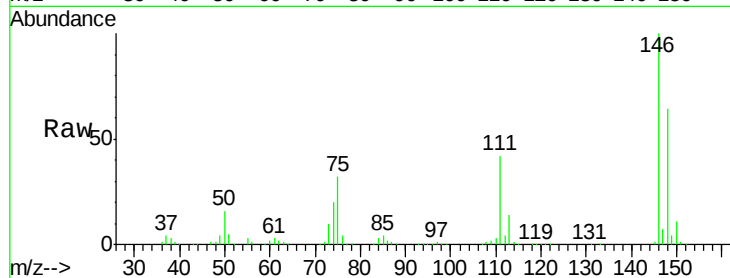
Tot Ion:146 Resp: 604968

Ion Ratio Lower Upper

146 100

148 64.5 51.8 77.6

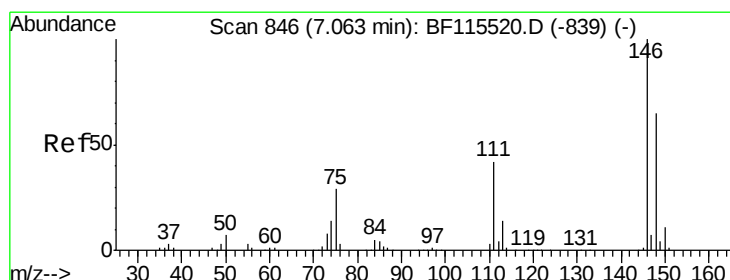
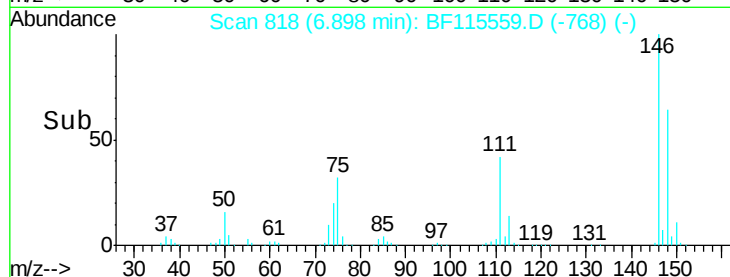
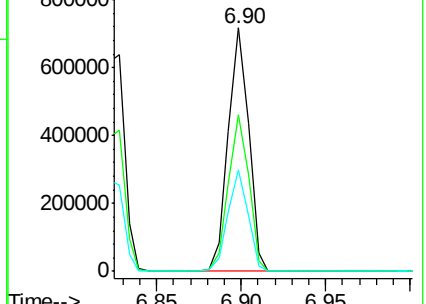
111 41.9 35.5 53.3



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: 44.815 ng

RT: 7.05 min Scan# 844

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

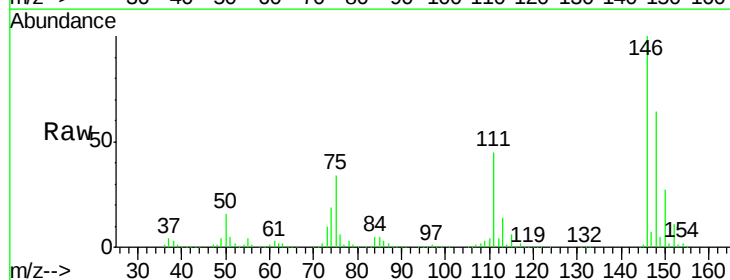
Tgt Ion:146 Resp: 559922

Ion Ratio Lower Upper

146 100

148 64.3 51.1 76.7

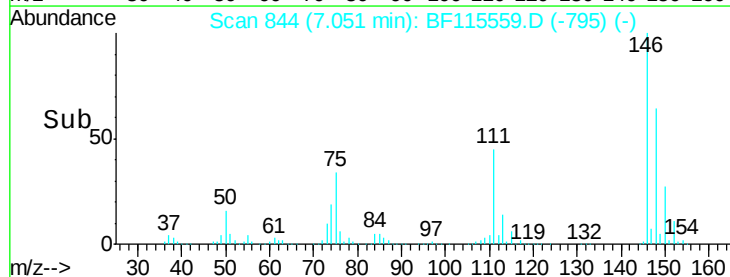
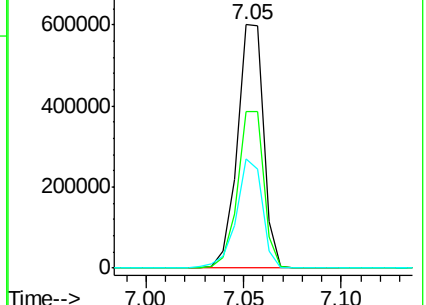
111 45.0 37.6 56.4

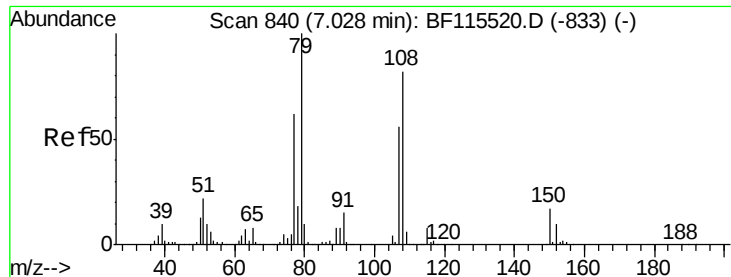


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 46.356 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

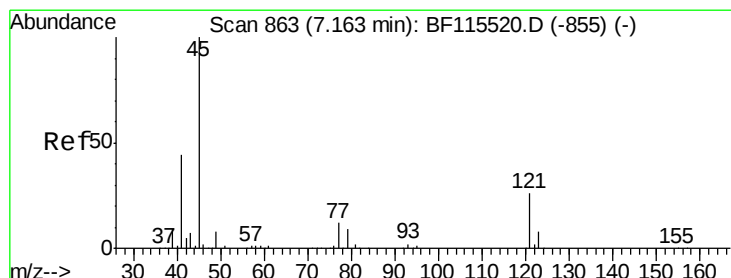
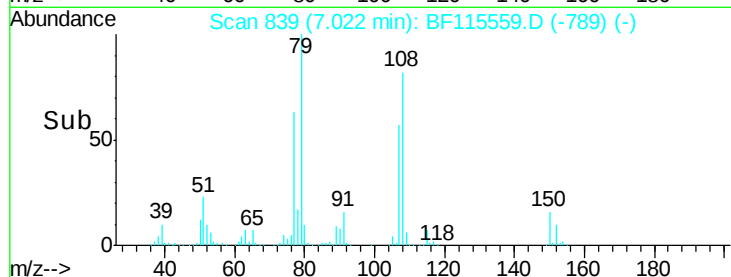
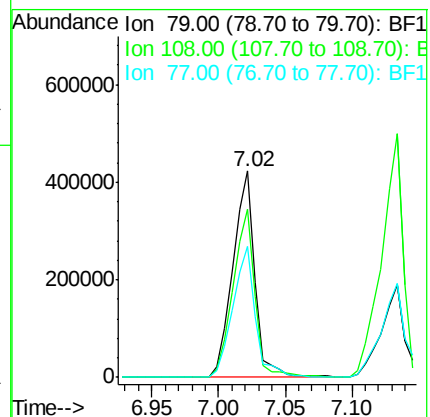
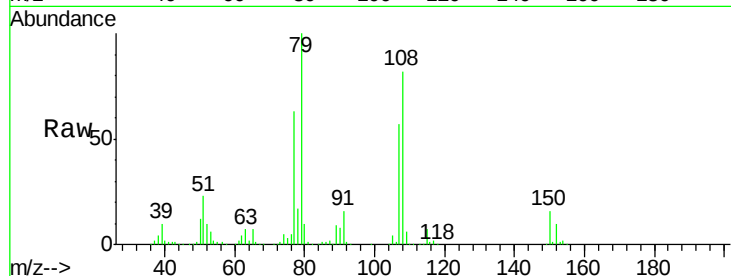
Tot Ion: 79 Resp: 494472

Ion Ratio Lower Upper

79 100

108 81.7 64.2 96.4

77 63.4 51.8 77.8



#16

2,2'-oxybis(1-chloropropane)

Concen: 43.964 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

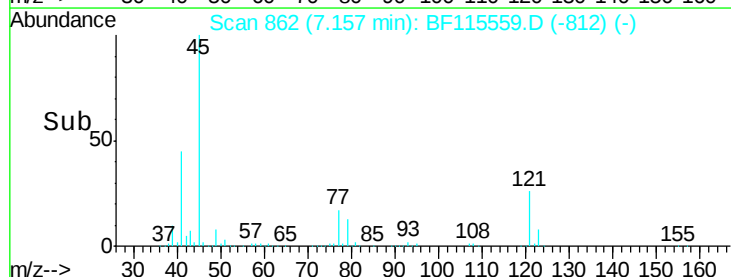
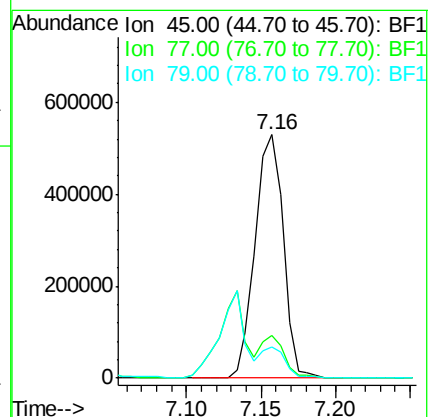
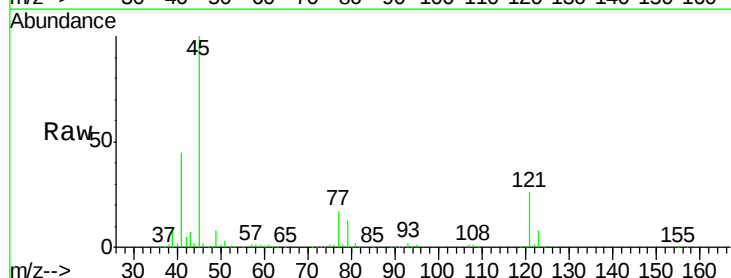
Tgt Ion: 45 Resp: 687877

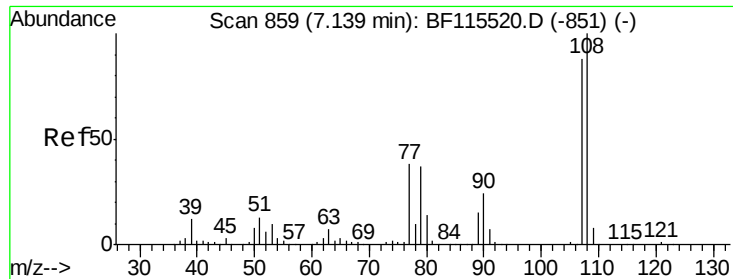
Ion Ratio Lower Upper

45 100

77 17.4 0.0 38.1

79 12.9 0.0 34.1

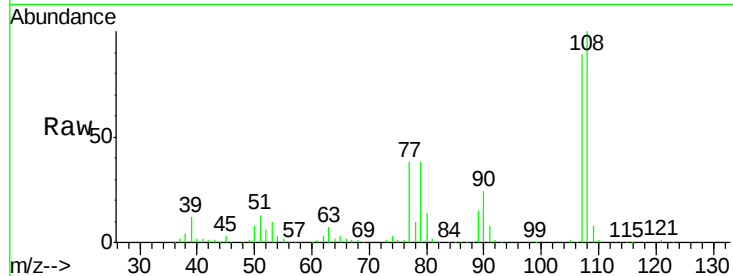




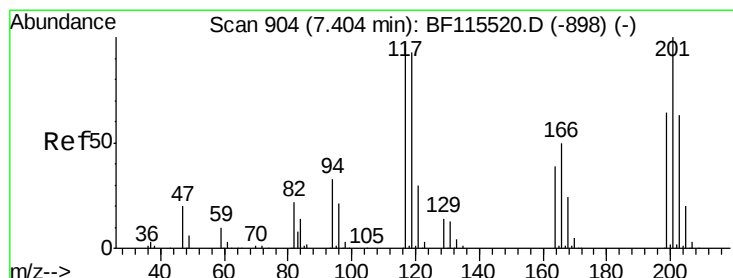
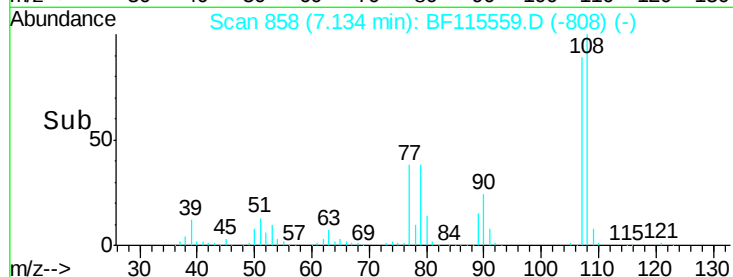
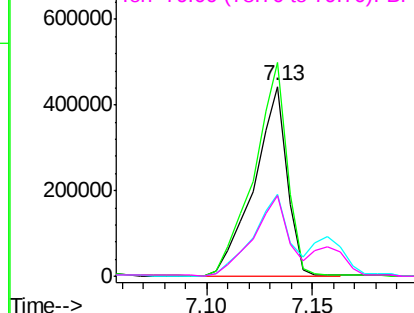
#17
2-Methylphenol
Concen: 46.025 ng
RT: 7.13 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	483251
Ion	Ratio	Lower	Upper
107	100		
108	112.5	89.4	134.2
77	43.2	35.7	53.5
79	42.7	35.0	52.4

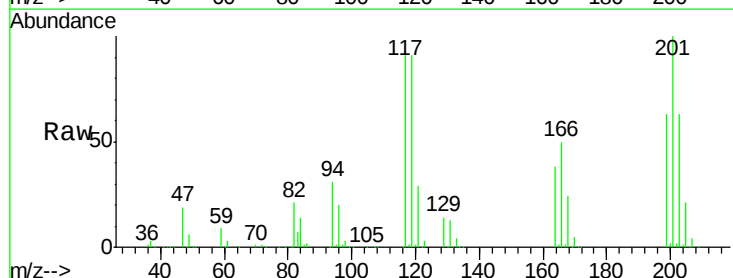


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

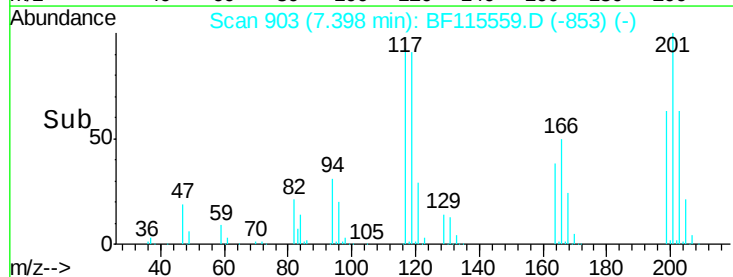
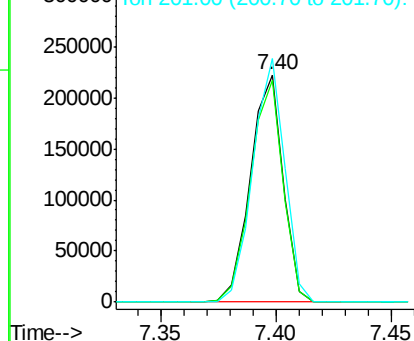


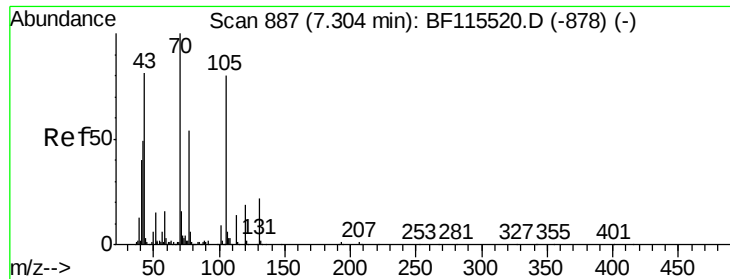
#18
Hexachloroethane
Concen: 43.481 ng
RT: 7.40 min Scan# 903
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion:	117	Resp:	220578
Ion	Ratio	Lower	Upper
117	100		
119	97.6	77.7	116.5
201	107.2	86.0	129.0



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

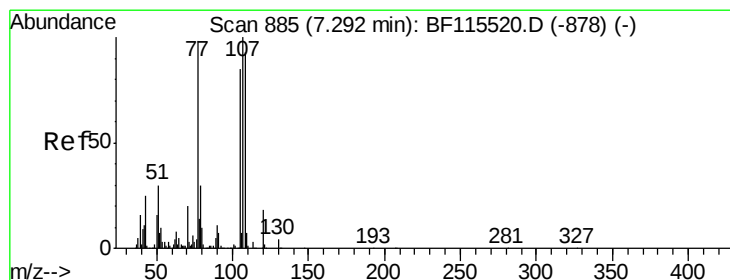
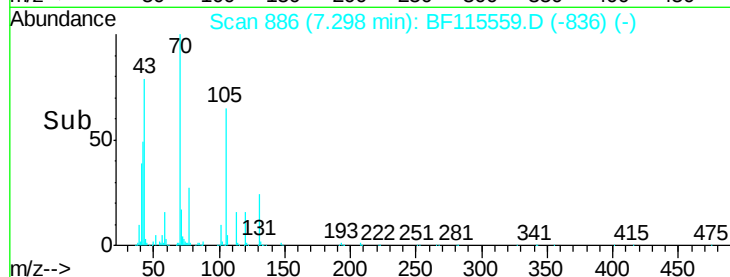
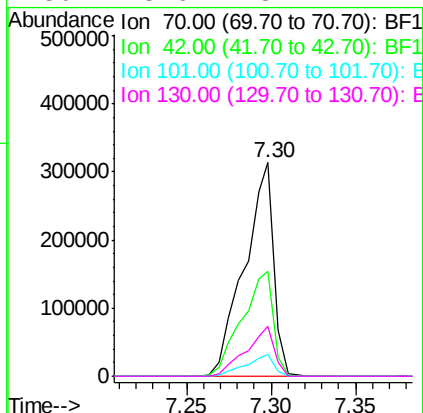
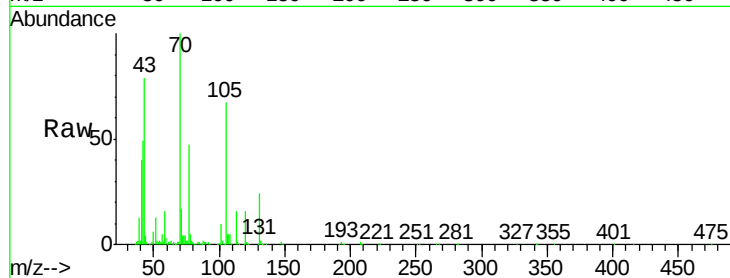




#19
n-Nitroso-di-n-propylamine
Concen: 43.307 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

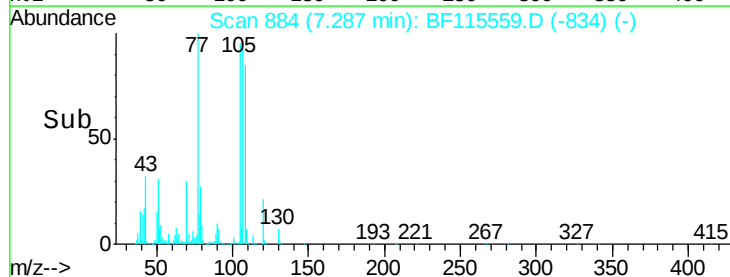
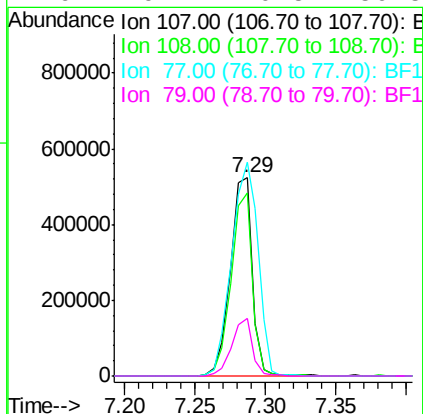
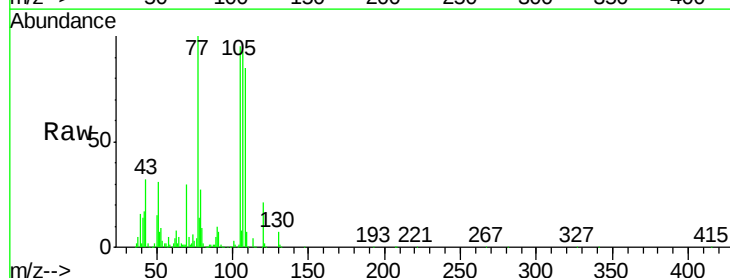
Instrument :
BNA_F
ClientSampleId :

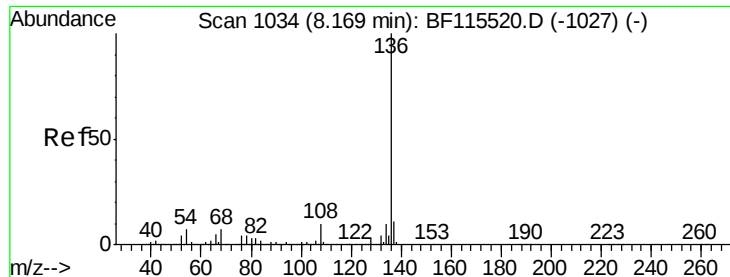
Tot Ion:	70	Resp:	379787
Ion	Ratio	Lower	Upper
70	100		
42	49.0	39.6	59.4
101	10.5	8.1	12.1
130	23.6	18.2	27.2



#20
3+4-Methylphenols
Concen: 45.279 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion:	107	Resp:	564708
Ion	Ratio	Lower	Upper
107	100		
108	92.3	72.9	112.9
77	108.0	77.6	117.6
79	29.4	10.5	50.5

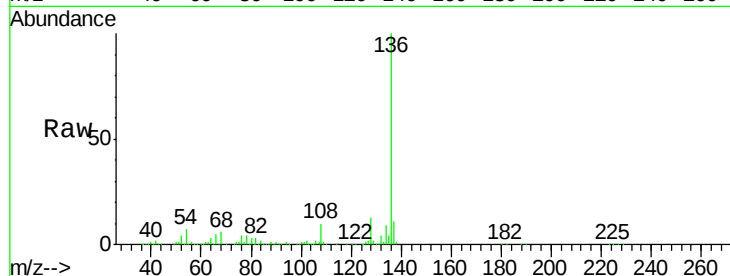




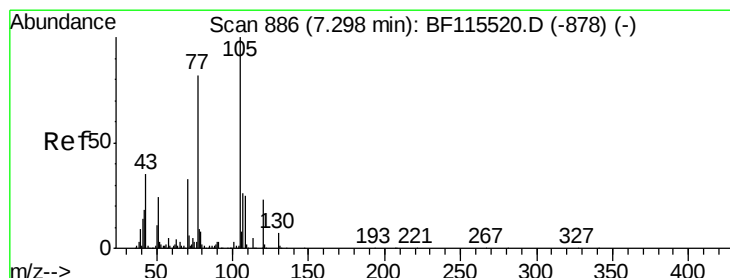
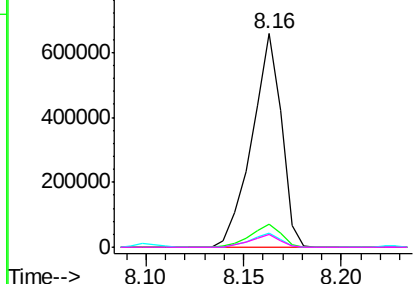
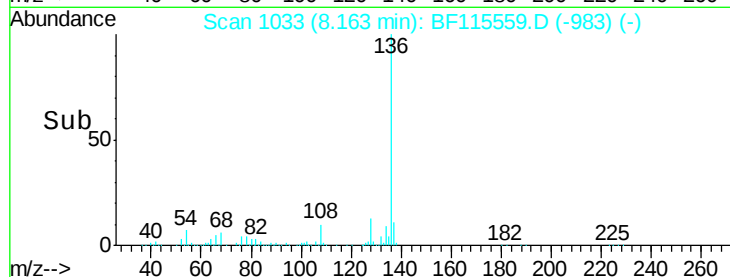
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.16 min Scan# 1033
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 687577
Ion Ratio	Lower Upper
136 100	
137 10.9	9.0 13.4
54 6.8	5.6 8.4
68 6.3	5.0 7.6

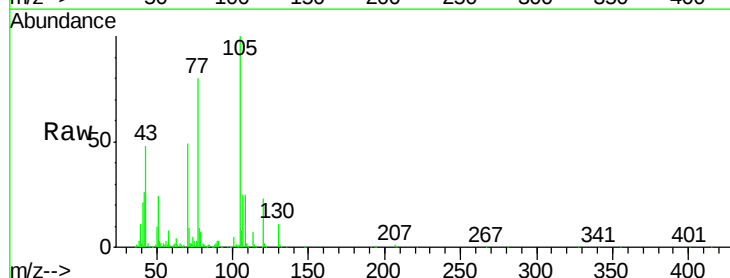


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

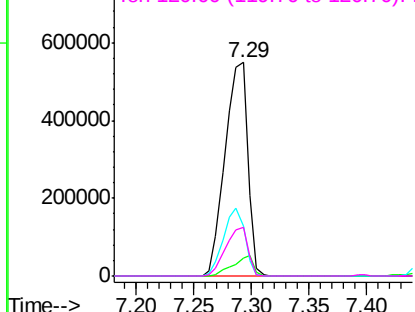
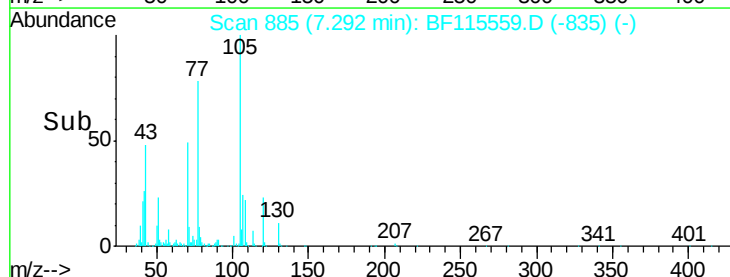


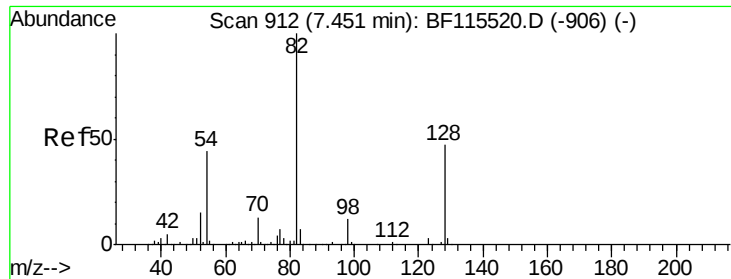
#22
Acetophenone
Concen: 48.462 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt	Ion:105	Resp:	752785
Ion	Ratio	Lower	Upper
105	100		
71	8.6	3.5	5.3#
51	23.7	25.6	38.4#
120	22.8	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

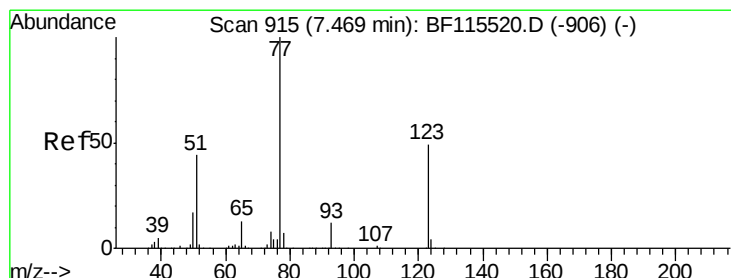
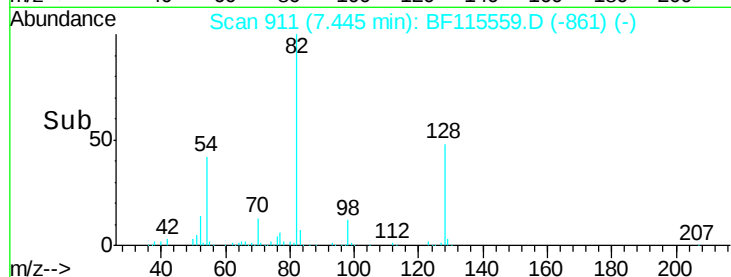
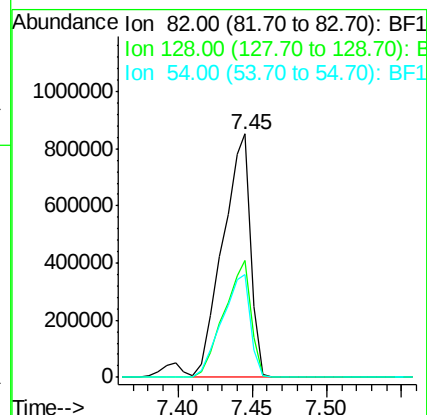
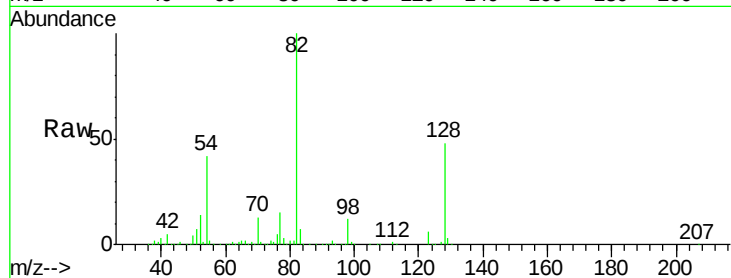




#23
 Nitrobenzene-d5
 Concen: 94.056 ng
 RT: 7.45 min Scan# 911
 Delta R.T. -0.01 min
 Lab File: BF115559.D
 Acq: 15 Jul 2019 16:32

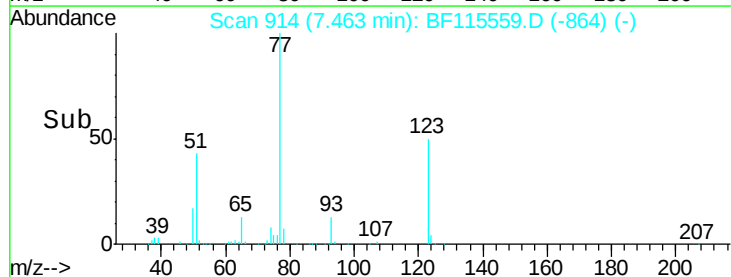
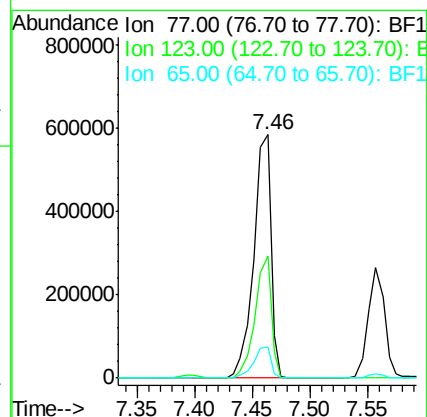
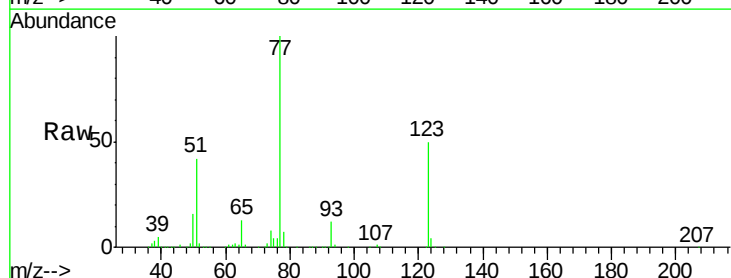
Instrument :
 BNA_F
 ClientSampleId :

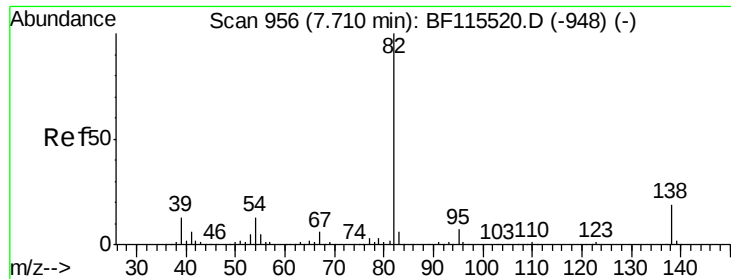
Tot Ion: 82 Resp: 1112206
 Ion Ratio Lower Upper
 82 100
 128 48.3 38.6 57.8
 54 42.1 35.6 53.4



#24
 Nitrobenzene
 Concen: 47.540 ng
 RT: 7.46 min Scan# 914
 Delta R.T. -0.01 min
 Lab File: BF115559.D
 Acq: 15 Jul 2019 16:32

Tgt Ion: 77 Resp: 606326
 Ion Ratio Lower Upper
 77 100
 123 50.2 40.0 60.0
 65 12.7 11.0 16.4





#25

Isophorone

Concen: 46.761 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

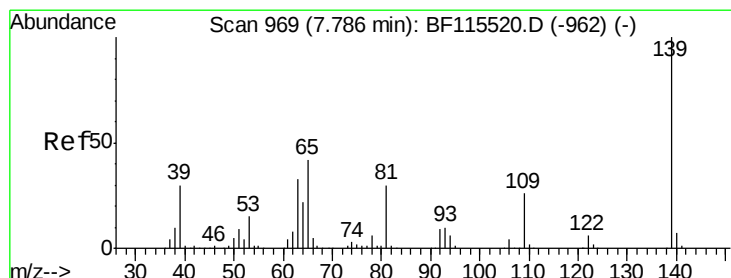
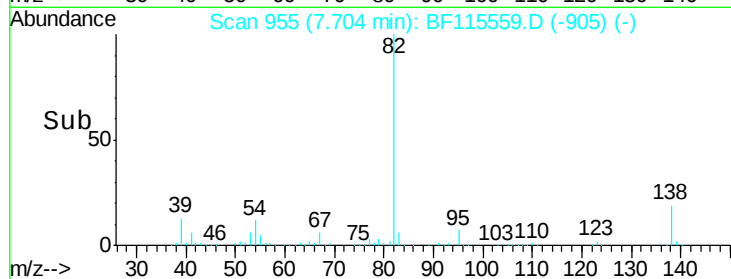
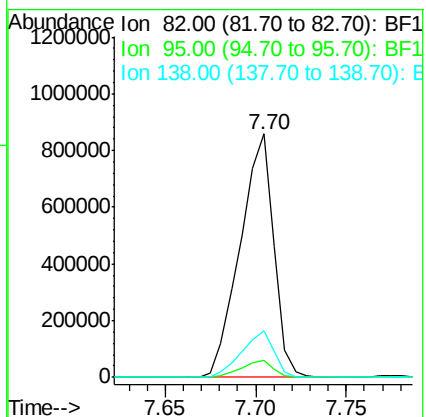
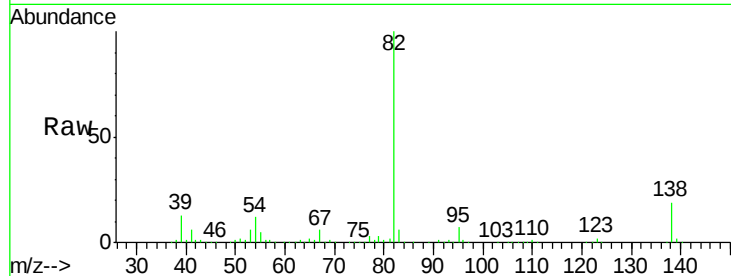
Tot Ion: 82 Resp: 1106446

Ion Ratio Lower Upper

82 100

95 6.8 5.5 8.3

138 18.9 14.9 22.3



#26

2-Nitrophenol

Concen: 48.494 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

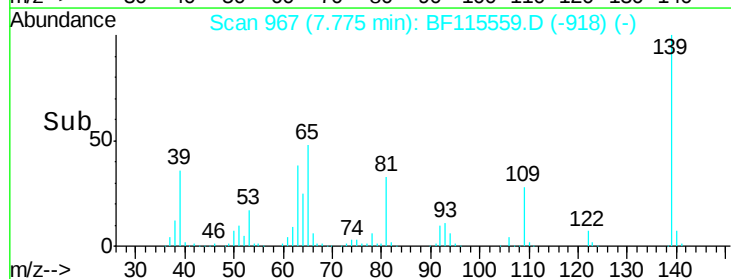
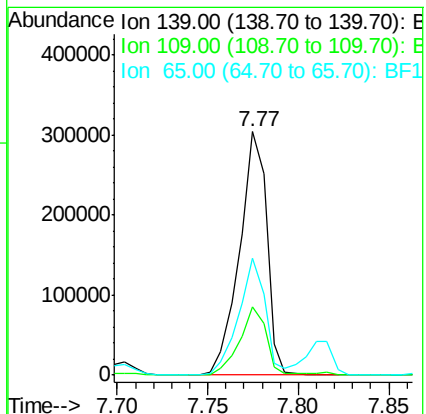
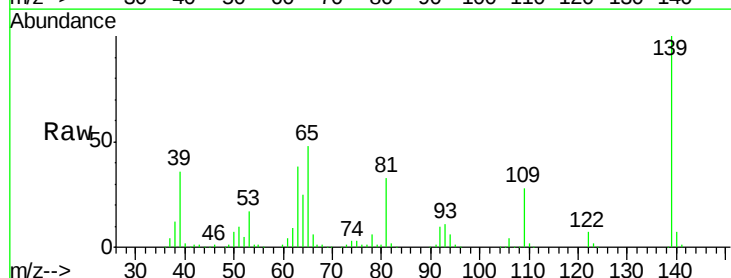
Tgt Ion: 139 Resp: 318354

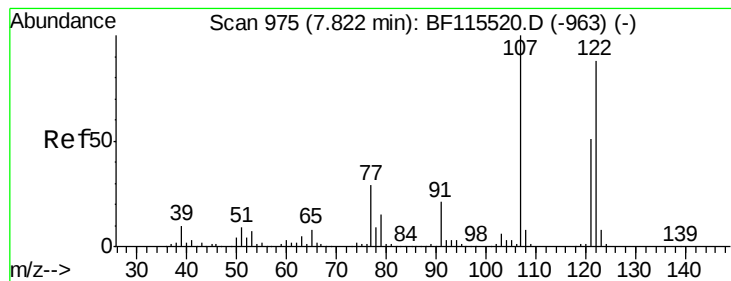
Ion Ratio Lower Upper

139 100

109 27.9 23.3 34.9

65 48.1 37.9 56.9





#27

2,4-Dimethylphenol

Concen: 54.371 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

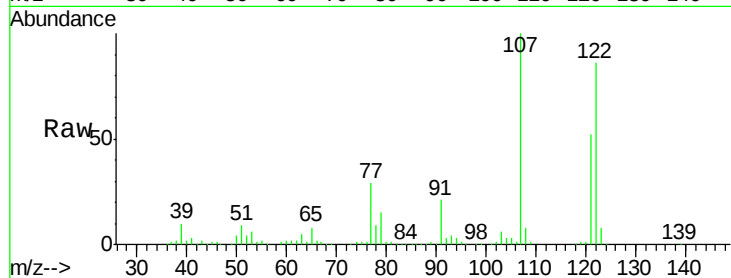
Tot Ion:122 Resp: 534058

Ion Ratio Lower Upper

122 100

107 115.8 92.9 139.3

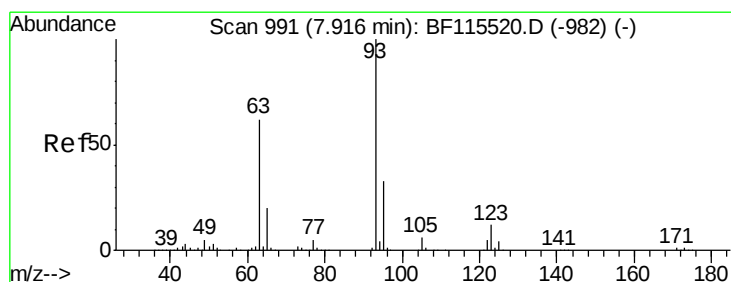
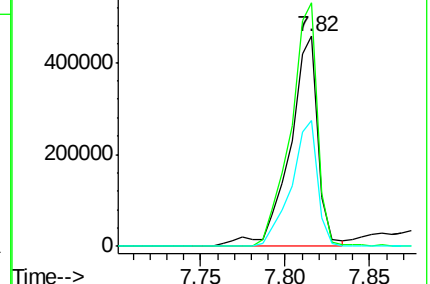
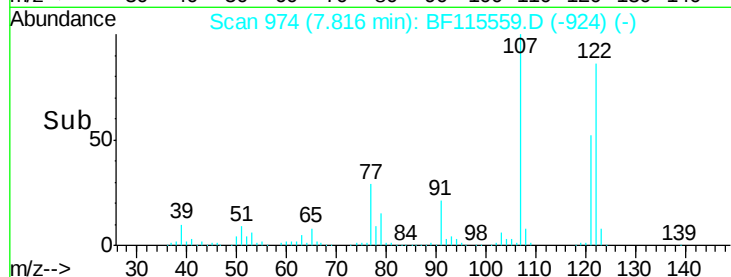
121 59.8 46.9 70.3



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: 47.041 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

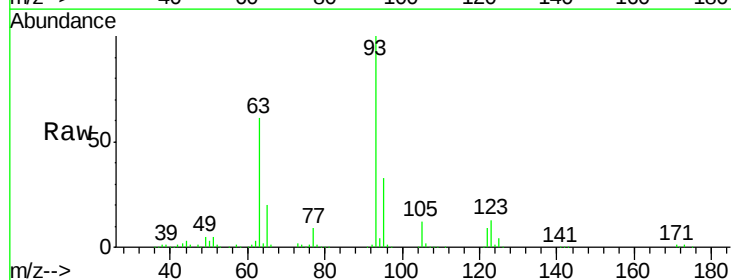
Tgt Ion: 93 Resp: 682846

Ion Ratio Lower Upper

93 100

95 32.8 27.0 40.4

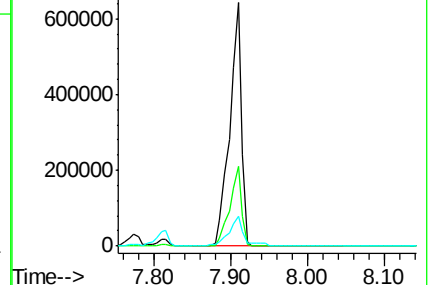
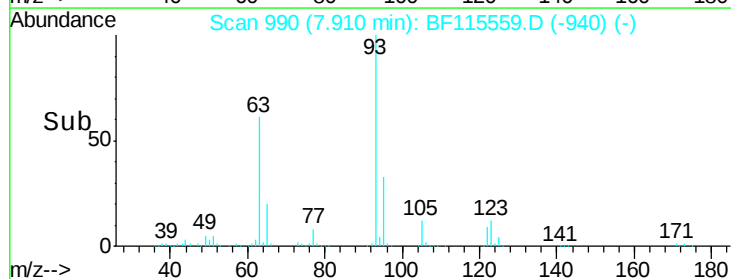
123 12.5 9.9 14.9

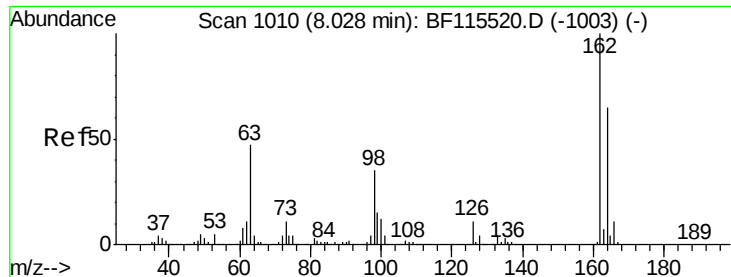


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 48.764 ng

RT: 8.02 min Scan# 1008

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampled :

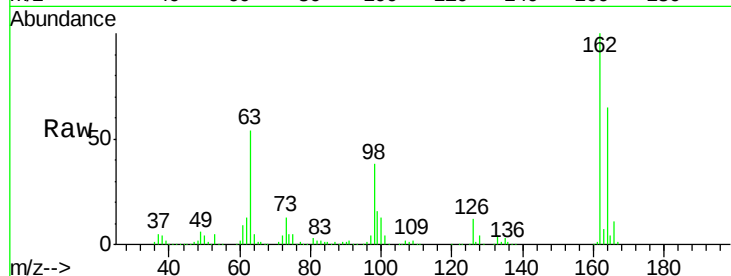
Tot Ion:162 Resp: 498145

Ion Ratio Lower Upper

162 100

164 64.7 44.9 84.9

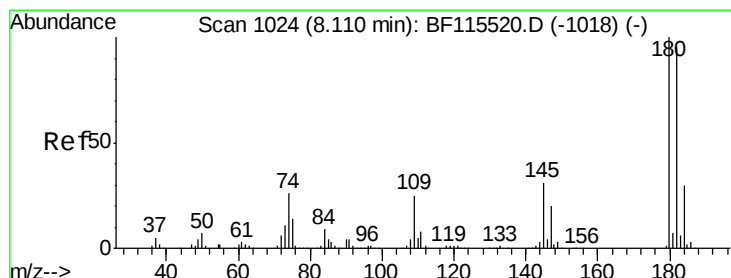
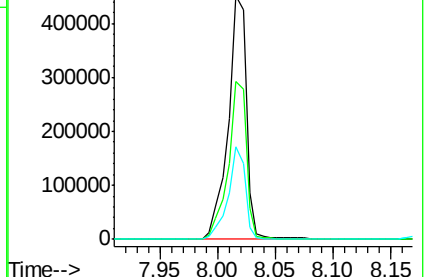
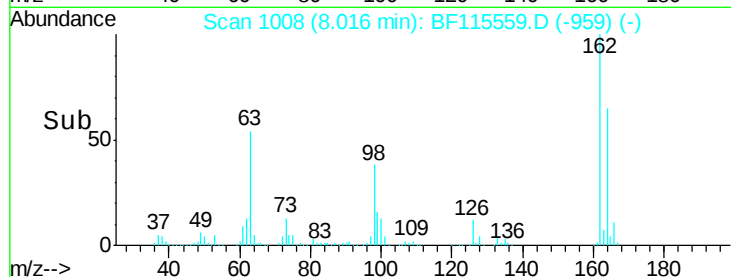
98 37.9 17.7 57.7



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: 46.545 ng

RT: 8.10 min Scan# 1023

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

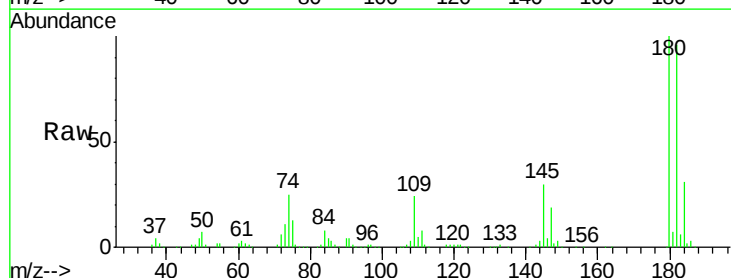
Tgt Ion:180 Resp: 537458

Ion Ratio Lower Upper

180 100

182 96.5 75.0 112.6

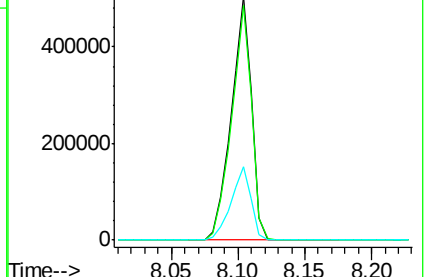
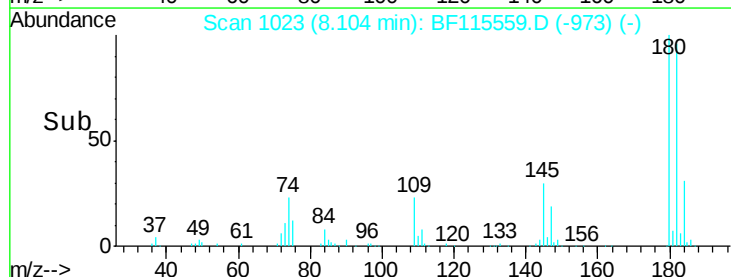
145 30.3 25.1 37.7

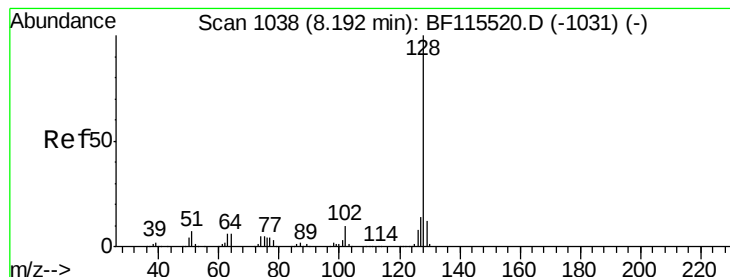


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 48.945 ng

RT: 8.19 min Scan# 1037

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

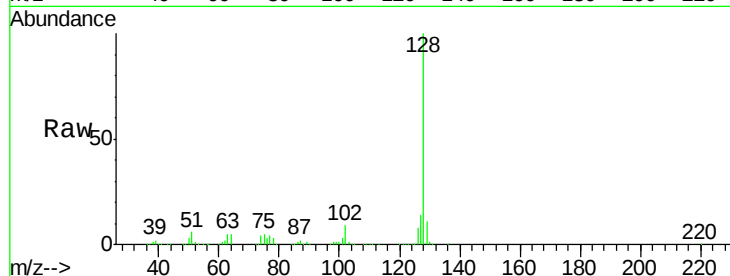
Tot Ion:128 Resp: 1629835

Ion Ratio Lower Upper

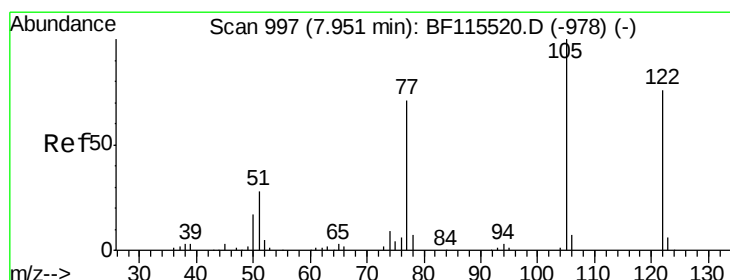
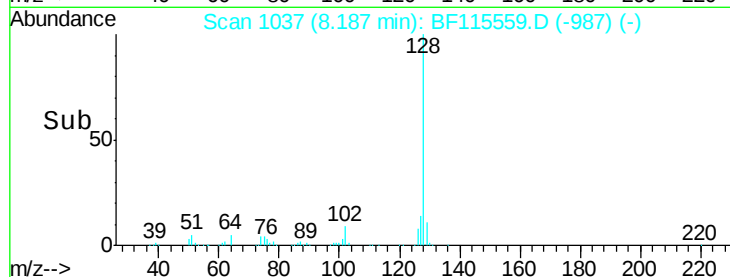
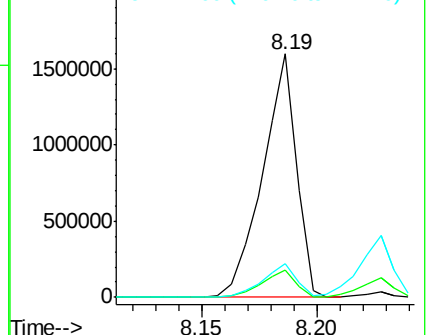
128 100

129 11.4 9.9 14.9

127 13.9 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: 46.551 ng

RT: 7.95 min Scan# 996

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

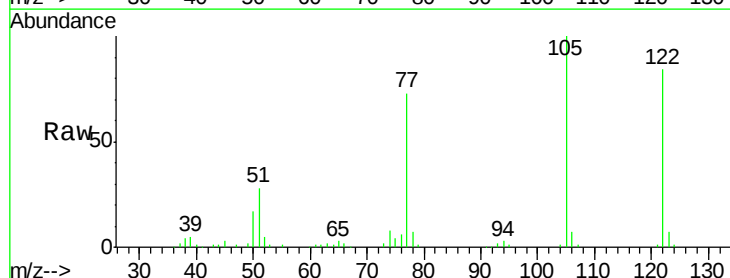
Tgt Ion:122 Resp: 375249

Ion Ratio Lower Upper

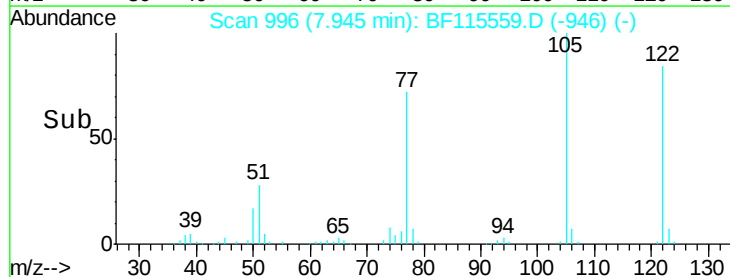
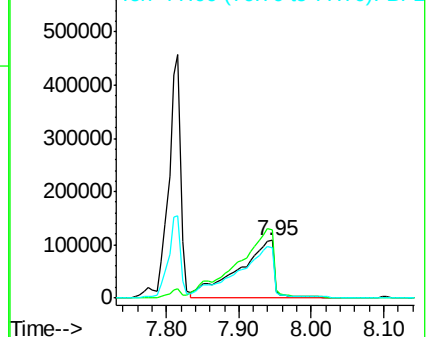
122 100

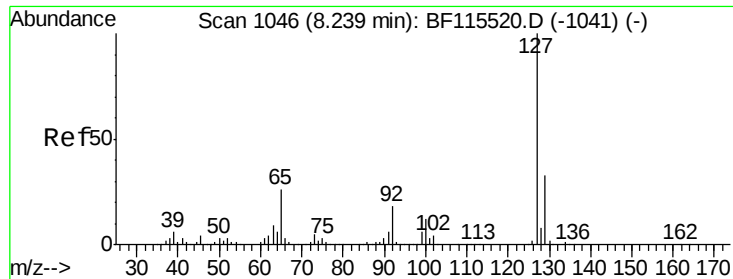
105 119.6 102.5 142.5

77 86.9 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

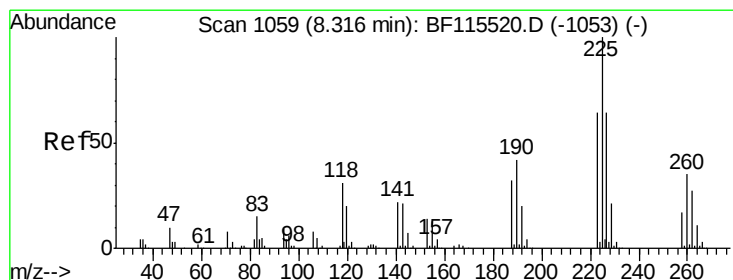
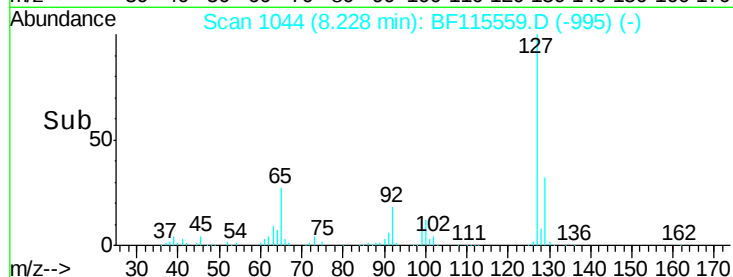
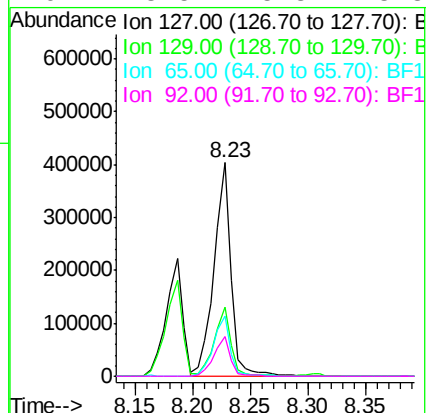
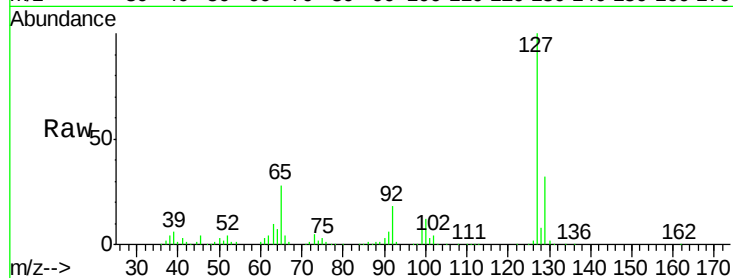




#33
4-Chloroaniline
Concen: 27.978 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

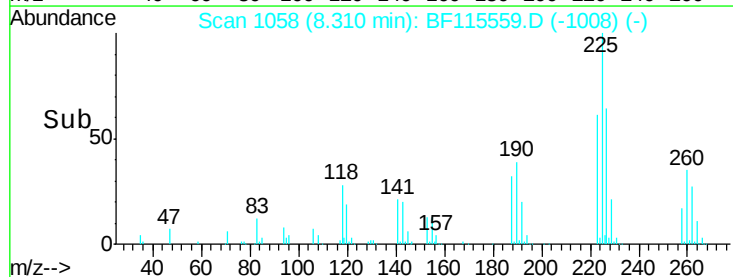
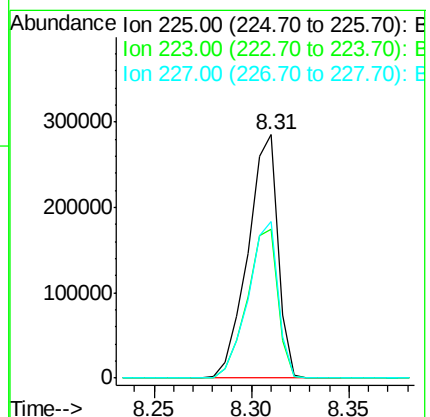
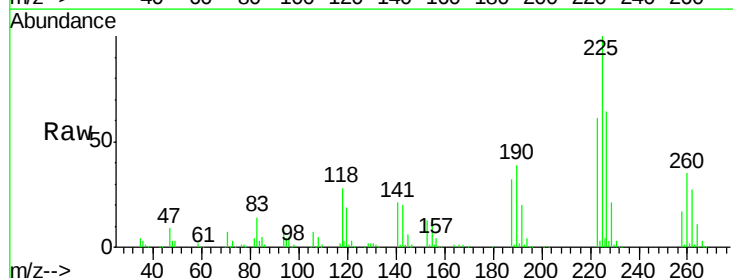
Instrument :
BNA_F
ClientSampleId :

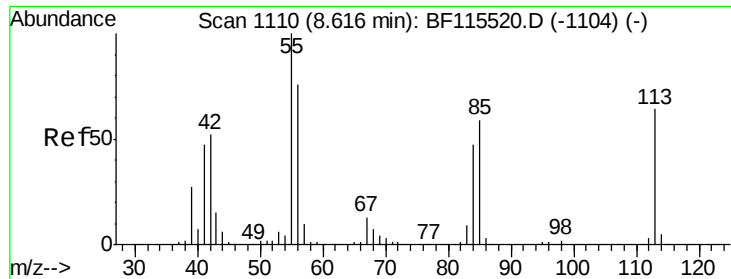
Tot Ion:	127	Resp:	412676
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.6	39.8
65	28.1	23.7	35.5
92	18.5	15.8	23.8



#34
Hexachlorobutadiene
Concen: 45.886 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion:	225	Resp:	303847
Ion	Ratio	Lower	Upper
225	100		
223	61.0	50.9	76.3
227	64.4	50.7	76.1

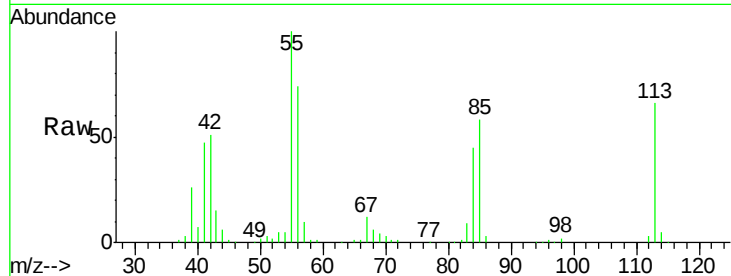




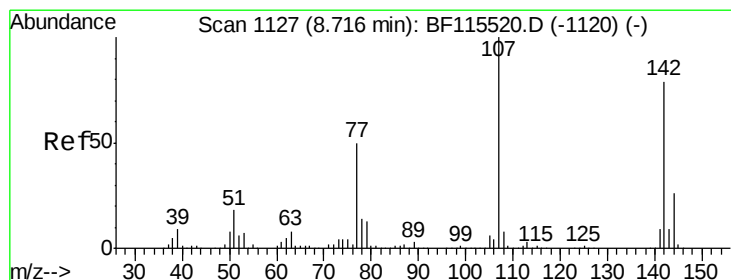
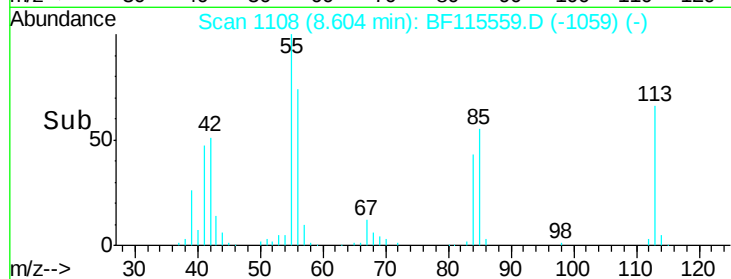
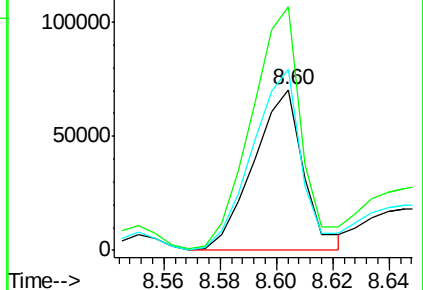
#35
Caprolactam
Concen: 27.565 ng
RT: 8.60 min Scan# 1108
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 87014
Ion Ratio Lower Upper
113 100
55 151.5 126.9 166.9
56 112.7 90.3 130.3

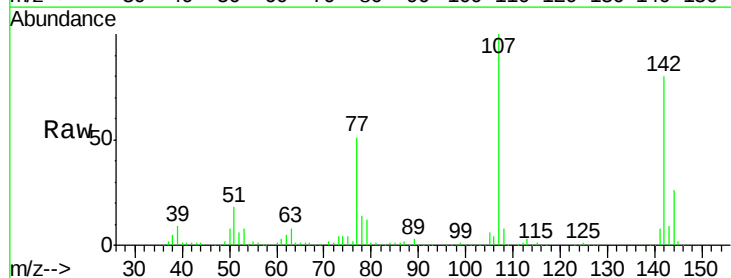


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

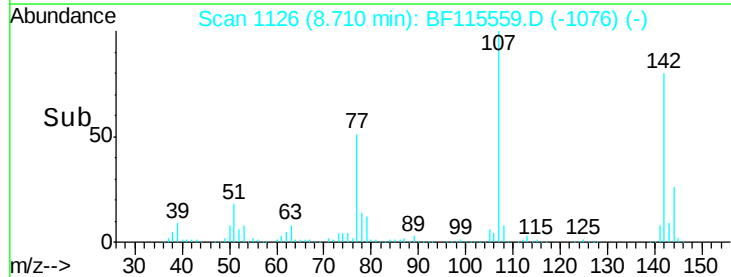
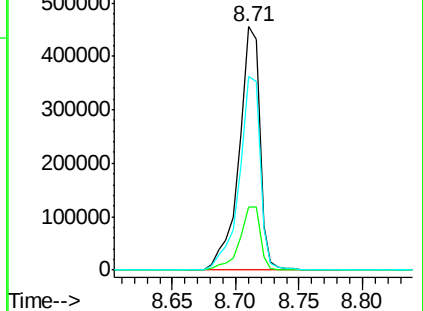


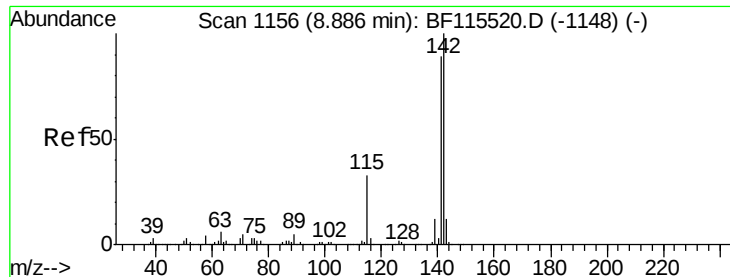
#36
4-Chloro-3-methylphenol
Concen: 48.655 ng
RT: 8.71 min Scan# 1126
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion:107 Resp: 515574
Ion Ratio Lower Upper
107 100
144 26.0 20.6 30.8
142 79.7 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

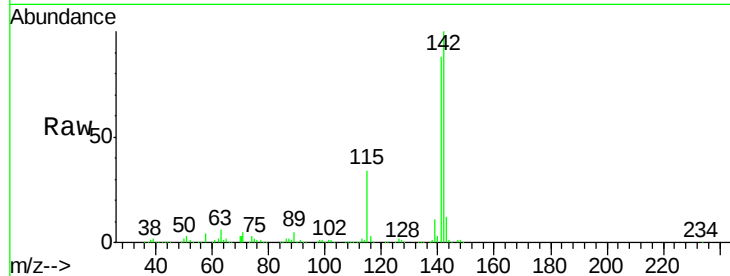




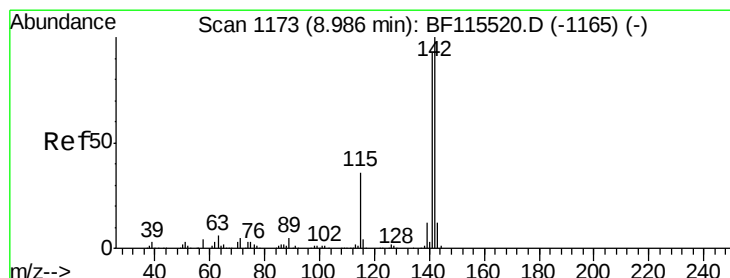
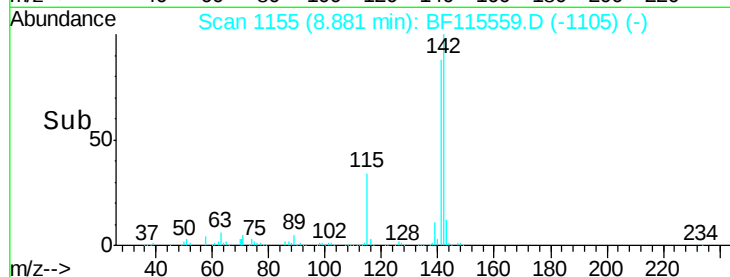
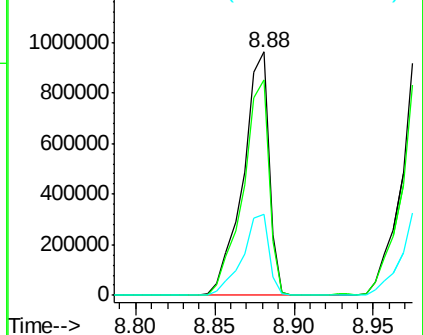
#37
2-Methylnaphthalene
Concen: 49.710 ng
RT: 8.88 min Scan# 1155
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:142 Resp: 1097268
Ion Ratio Lower Upper
142 100
141 88.5 72.0 108.0
115 33.5 29.9 44.9

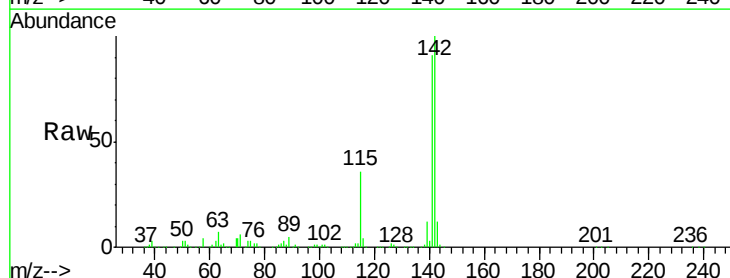


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

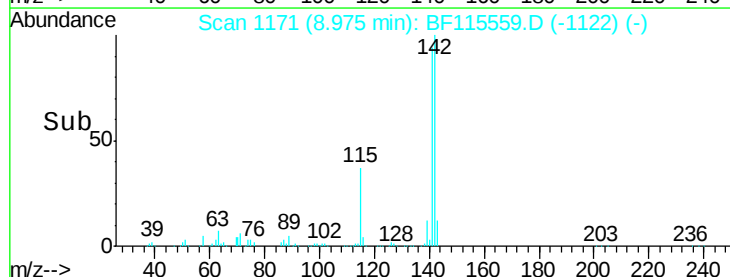
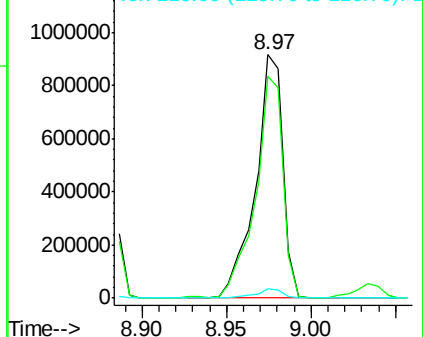


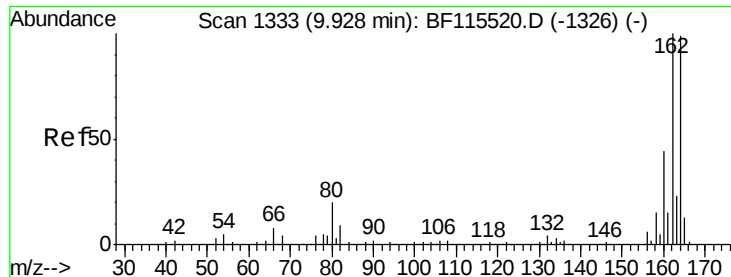
#38
1-Methylnaphthalene
Concen: 49.237 ng
RT: 8.97 min Scan# 1171
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion:142 Resp: 1032303
Ion Ratio Lower Upper
142 100
141 91.0 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: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

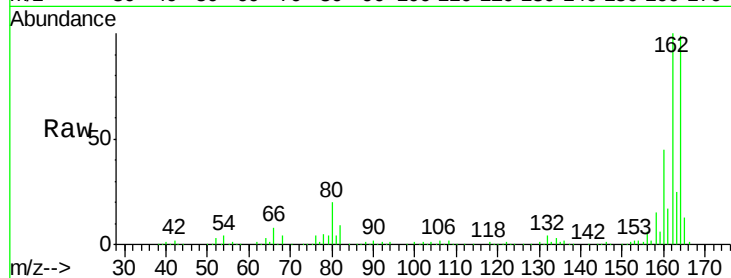
Tot Ion:164 Resp: 328352

Ion Ratio Lower Upper

164 100

162 101.3 82.9 124.3

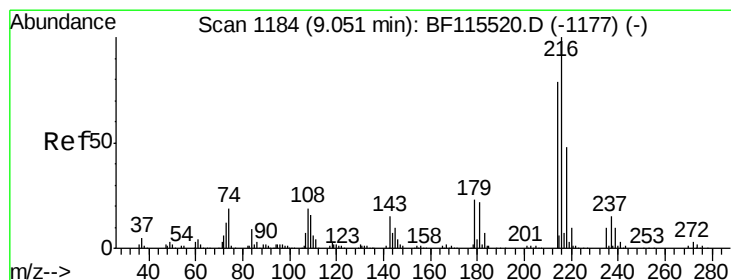
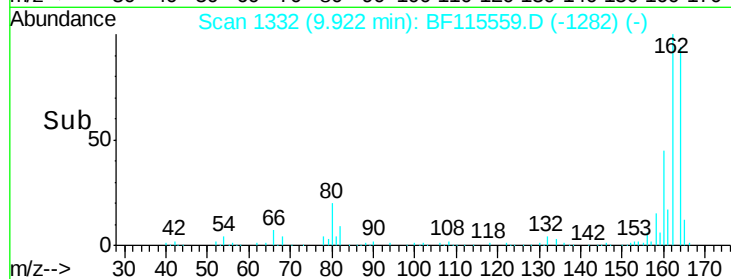
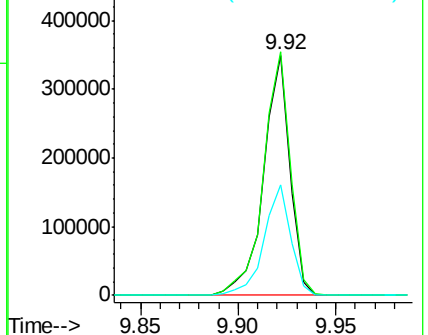
160 45.7 36.8 55.2



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: 49.716 ng

RT: 9.05 min Scan# 1183

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Tgt Ion:216 Resp: 491584

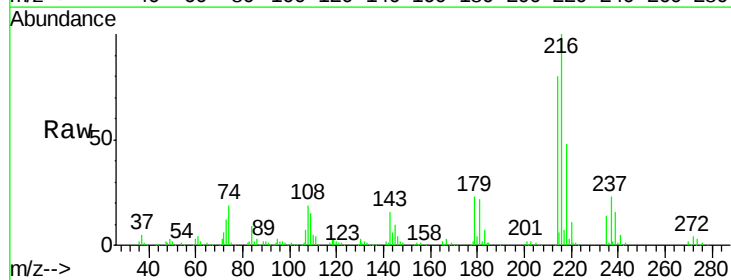
Ion Ratio Lower Upper

216 100

214 79.2 65.1 97.7

179 21.9 18.3 27.5

108 20.4 15.7 23.5

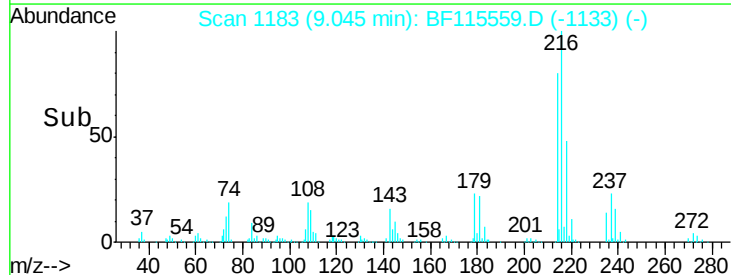
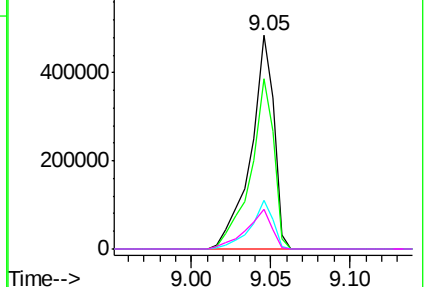


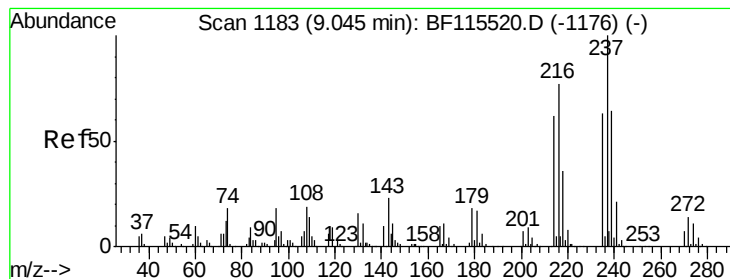
Abundance Ion 216.00 (215.70 to 216.70): E

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: 87.487 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

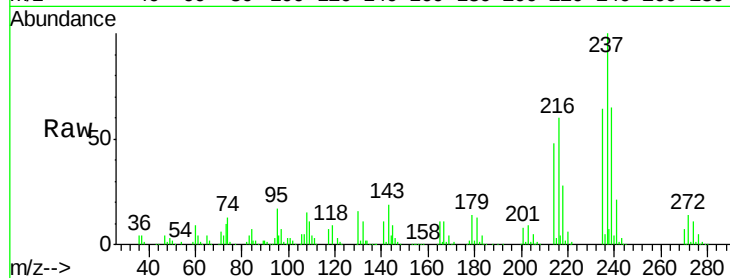
Tot Ion:237 Resp: 493465

Ion Ratio Lower Upper

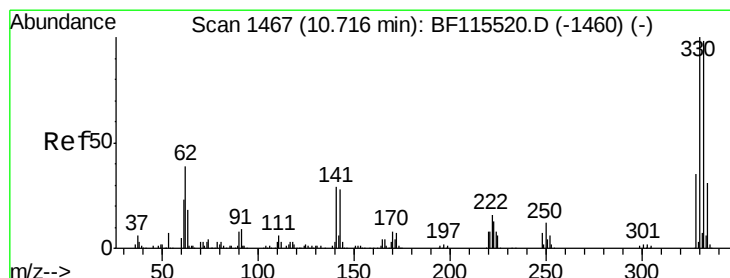
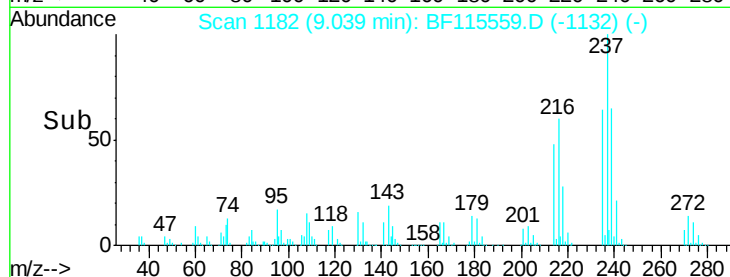
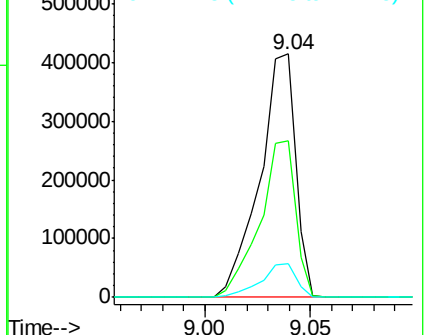
237 100

235 64.2 43.6 83.6

272 14.0 0.0 33.9



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



#42

2,4,6-Tribromophenol

Concen: 143.461 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

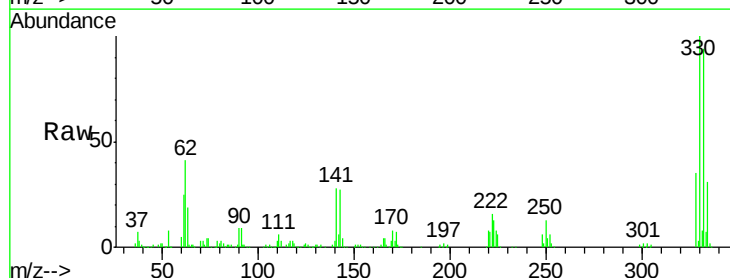
Tgt Ion:330 Resp: 549837

Ion Ratio Lower Upper

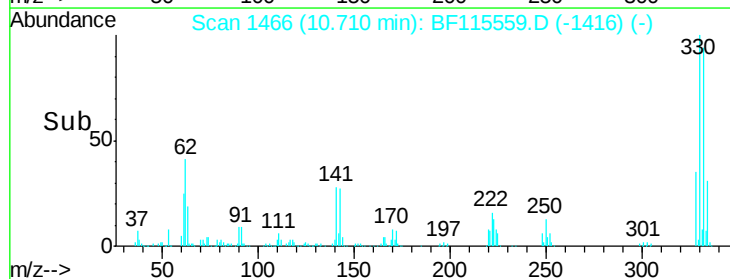
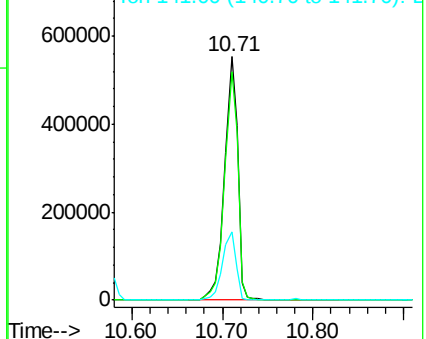
330 100

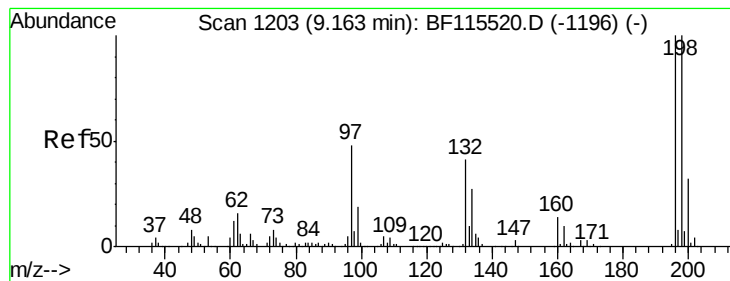
332 94.9 77.4 116.2

141 29.1 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: 50.365 ng

RT: 9.16 min Scan# 1202

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampled :

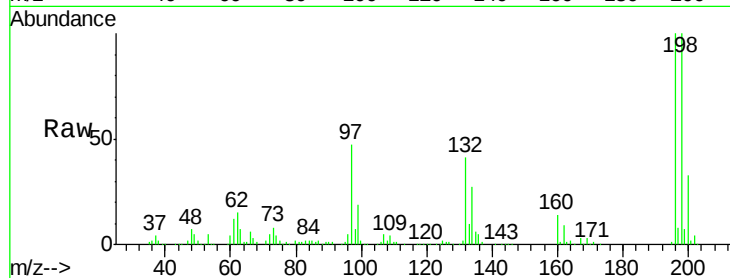
Tot Ion:196 Resp: 364183

Ion Ratio Lower Upper

196 100

198 99.8 80.6 121.0

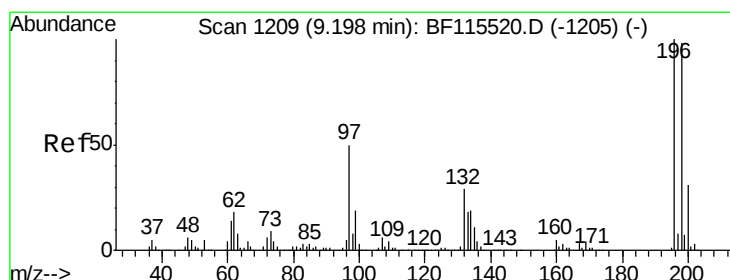
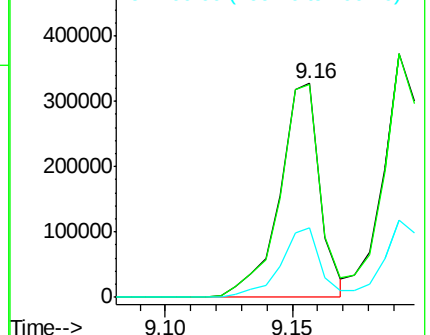
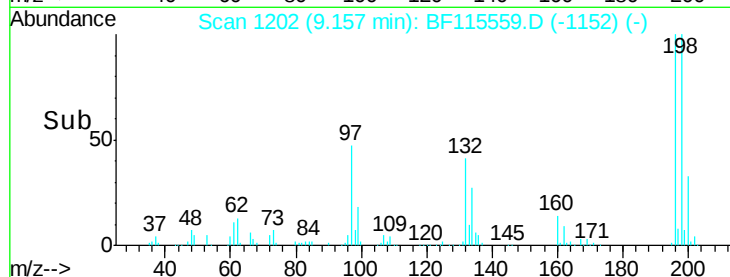
200 32.7 25.8 38.6



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: 50.765 ng

RT: 9.19 min Scan# 1208

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Tgt Ion:196 Resp: 375923

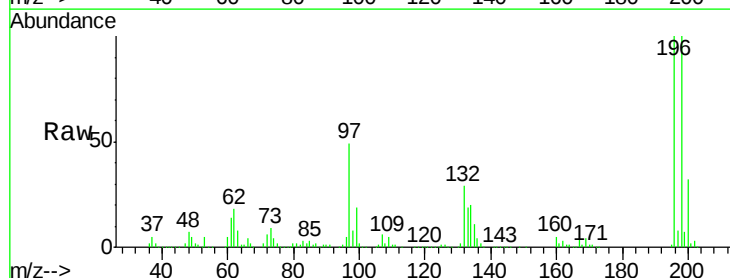
Ion Ratio Lower Upper

196 100

198 100.0 79.6 119.4

97 49.4 37.8 56.6

132 29.4 22.8 34.2

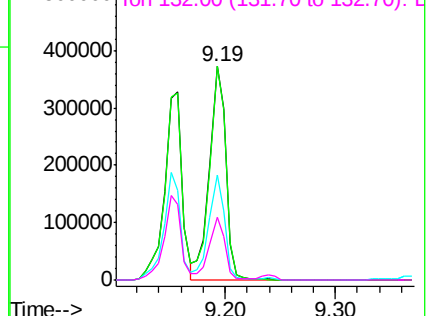
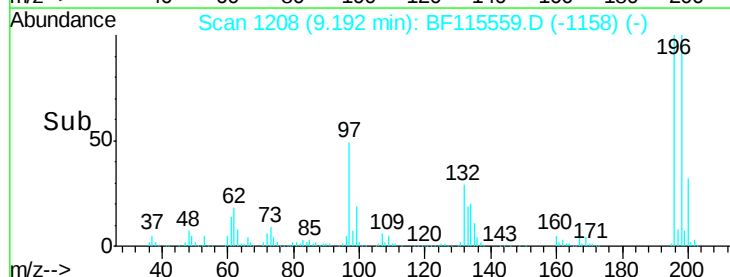


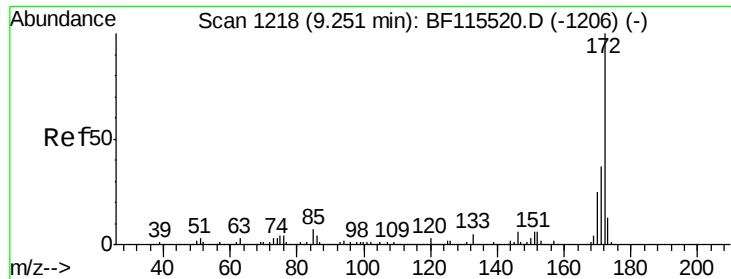
Abundance Ion 196.00 (195.70 to 196.70): E

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

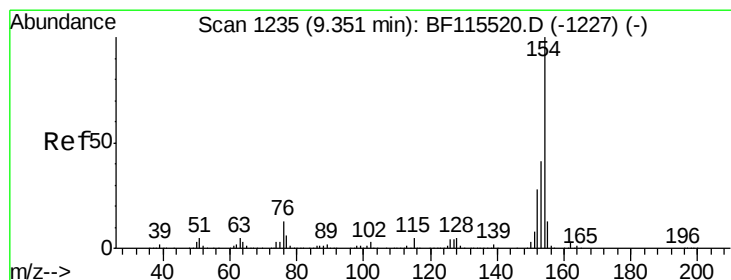
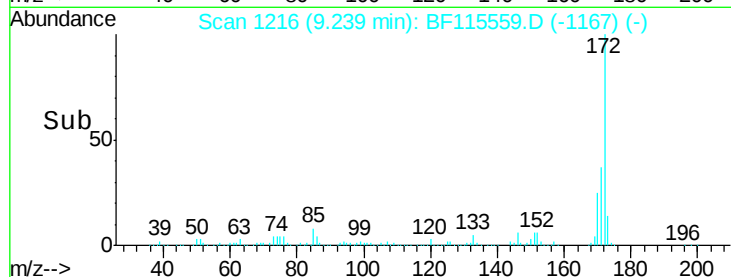
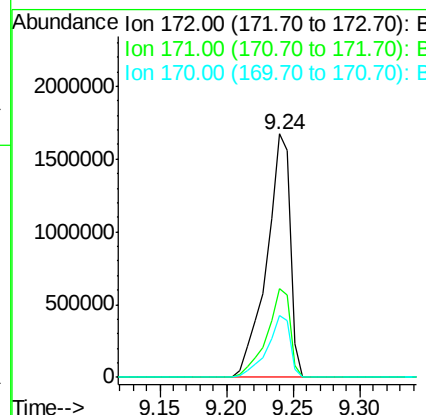
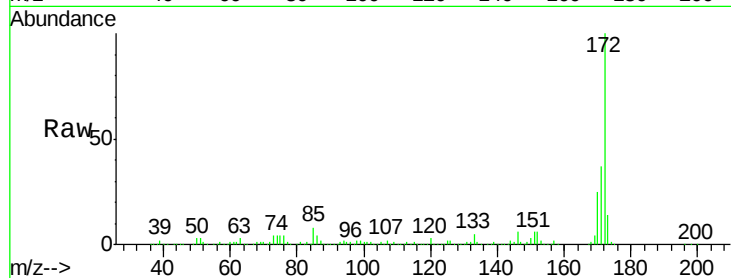




#45
2-Fluorobiphenyl
Concen: 108.984 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

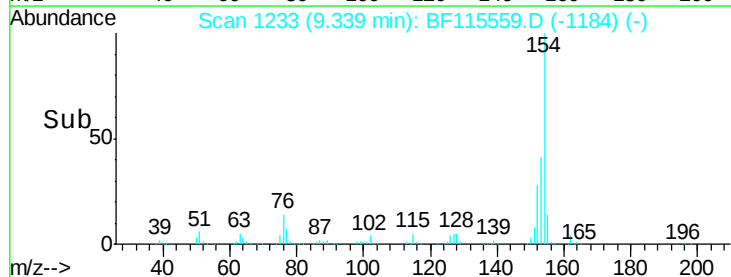
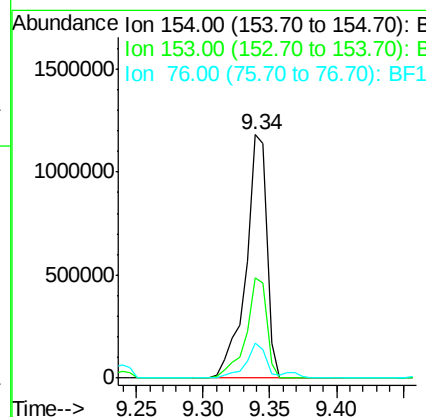
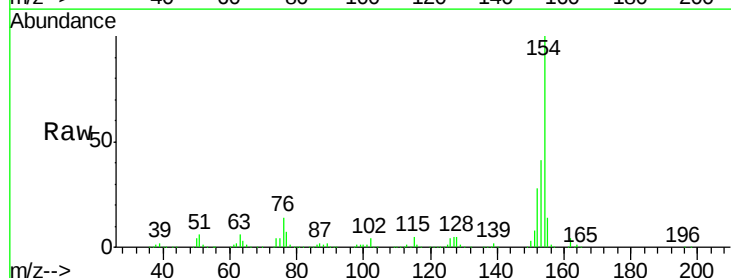
Instrument :
BNA_F
ClientSampleId :

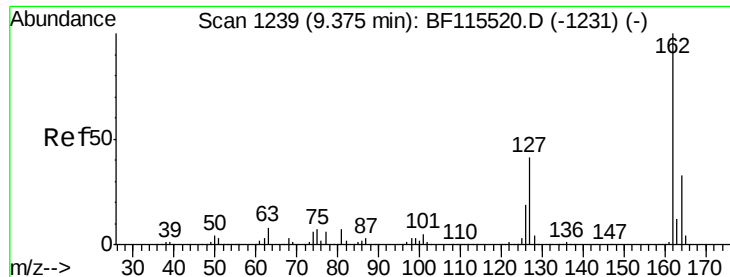
Tot Ion:172 Resp: 2044539
Ion Ratio Lower Upper
172 100
171 36.6 30.6 46.0
170 25.2 20.5 30.7



#46
1,1'-Biphenyl
Concen: 49.756 ng
RT: 9.34 min Scan# 1233
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion:154 Resp: 1277249
Ion Ratio Lower Upper
154 100
153 41.3 22.6 62.6
76 14.2 0.0 33.4

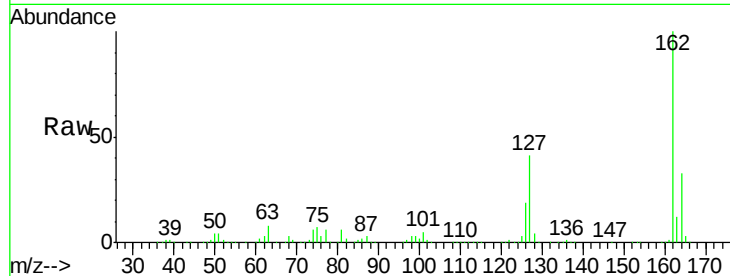




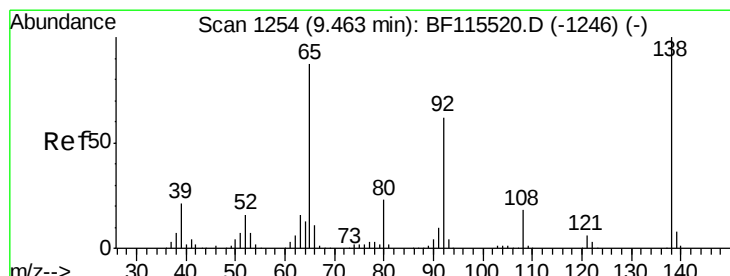
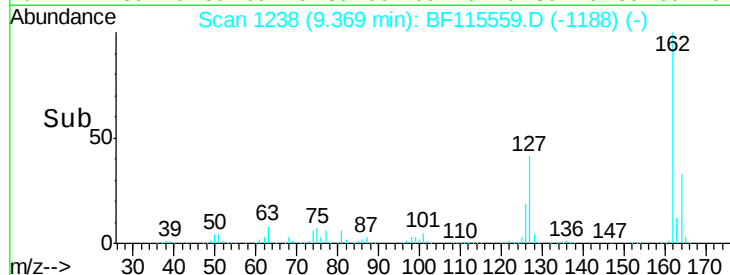
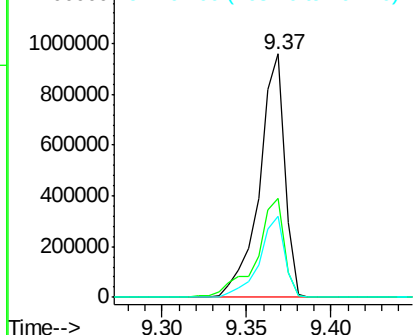
#47
2-Chloronaphthalene
Concen: 46.893 ng
RT: 9.37 min Scan# 1238
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:162 Resp: 1002310
Ion Ratio Lower Upper
162 100
127 40.6 34.1 51.1
164 33.3 27.4 41.2

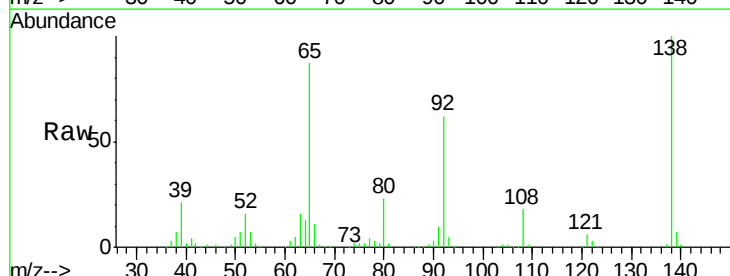


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

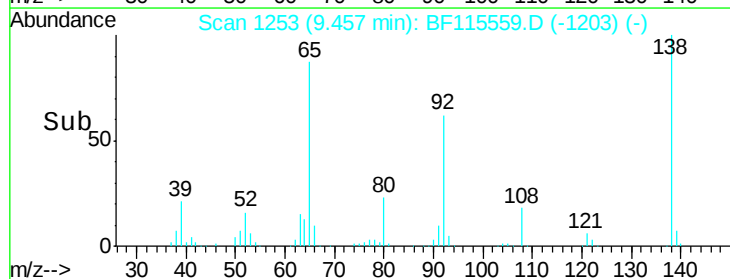
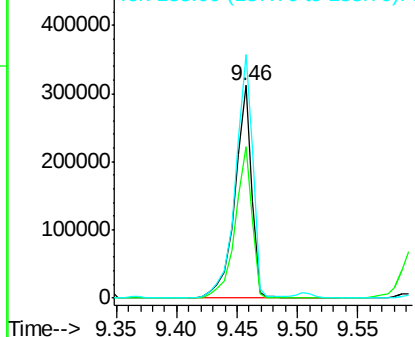


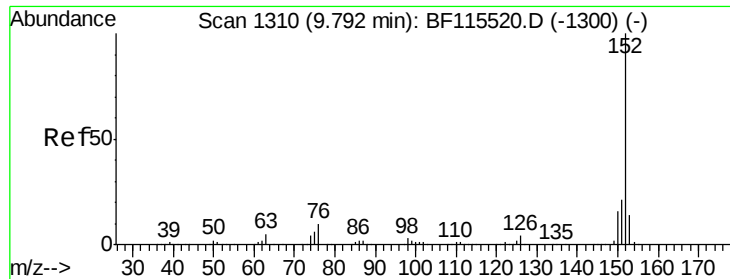
#48
2-Nitroaniline
Concen: 45.551 ng
RT: 9.46 min Scan# 1253
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion: 65 Resp: 301351
Ion Ratio Lower Upper
65 100
92 71.6 57.8 86.6
138 114.7 91.2 136.8



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





#49

Acenaphthylene

Concen: 48.263 ng

RT: 9.78 min Scan# 1308

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

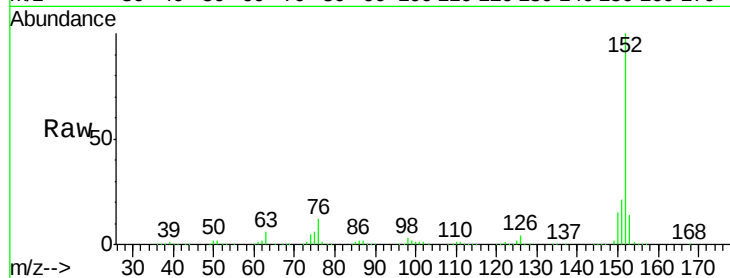
Tot Ion:152 Resp: 1528562

Ion Ratio Lower Upper

152 100

151 20.8 17.7 26.5

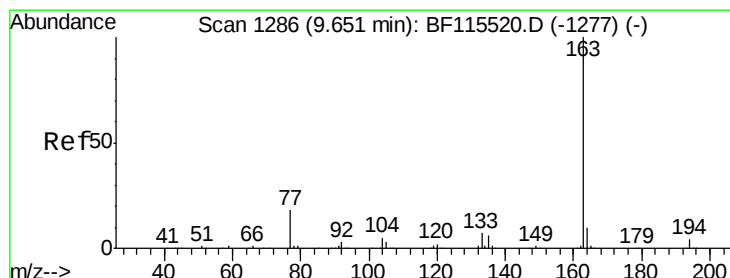
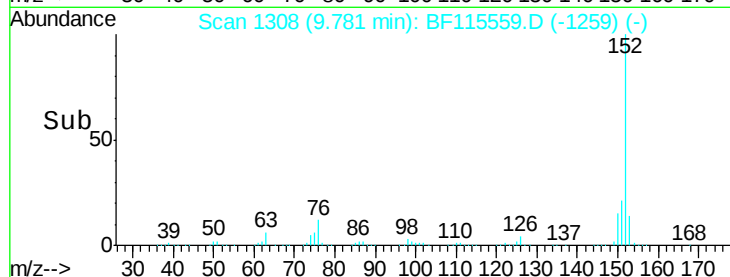
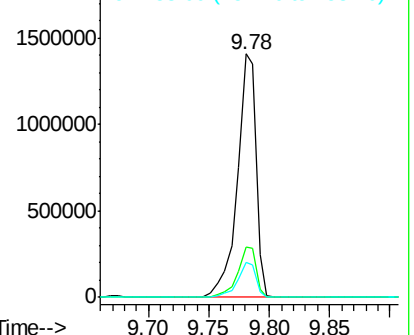
153 14.3 12.0 18.0



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: 47.292 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

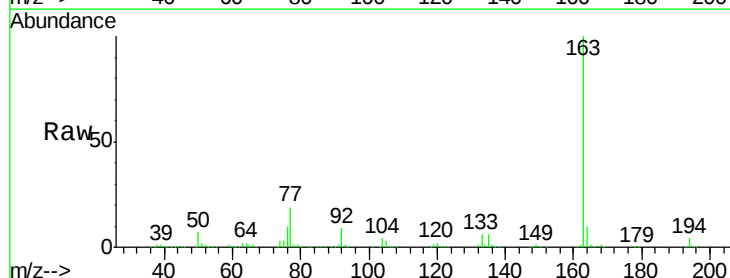
Tgt Ion:163 Resp: 1168304

Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

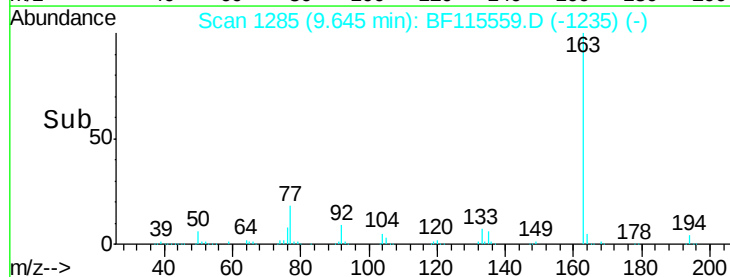
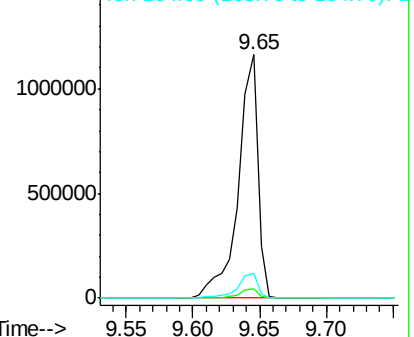
164 10.1 8.7 13.1

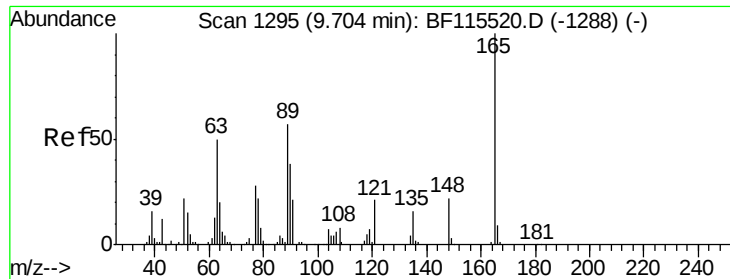


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 48.880 ng

RT: 9.70 min Scan# 1294

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

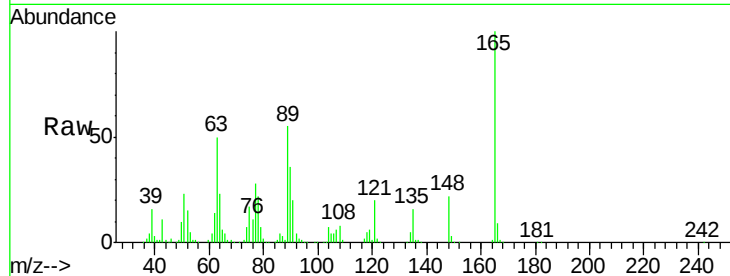
Tot Ion:165 Resp: 274424

Ion Ratio Lower Upper

165 100

63 49.7 40.6 61.0

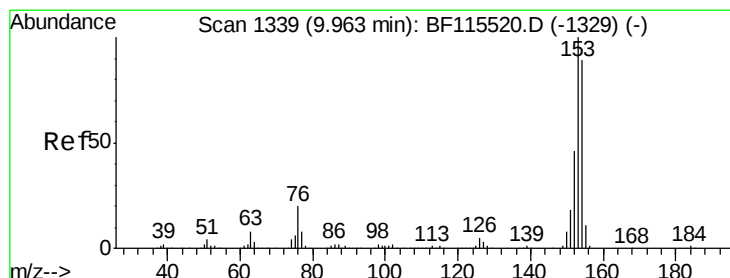
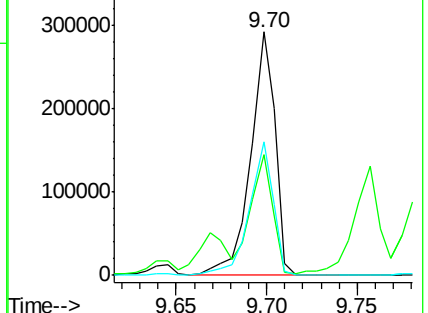
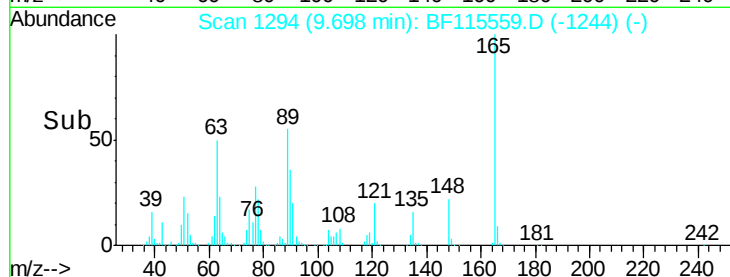
89 54.7 43.9 65.9



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 52.312 ng

RT: 9.96 min Scan# 1338

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

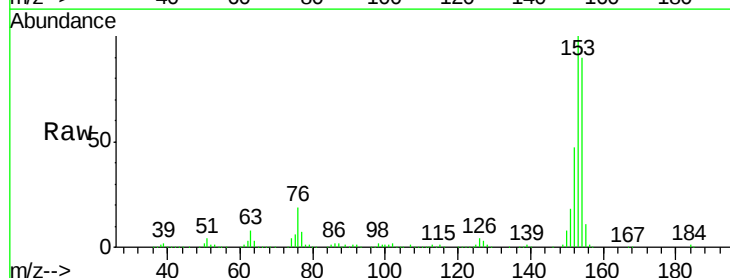
Tgt Ion:154 Resp: 1069652

Ion Ratio Lower Upper

154 100

153 111.6 88.6 133.0

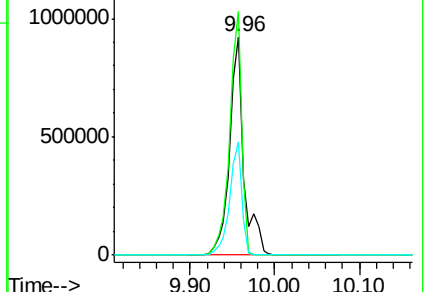
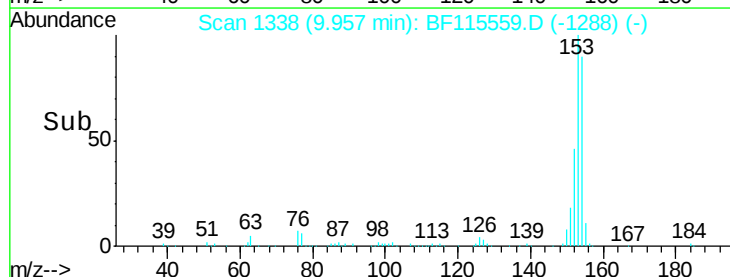
152 52.1 42.3 63.5

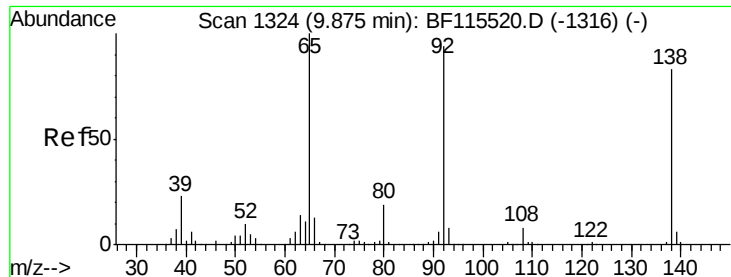


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

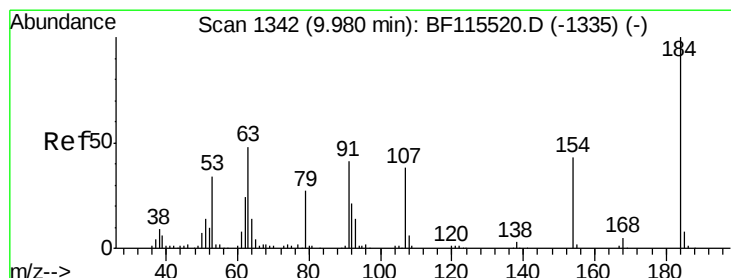
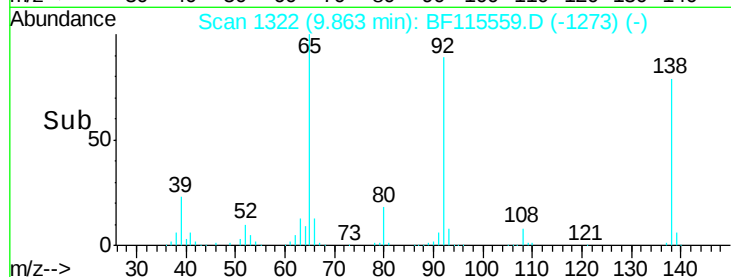
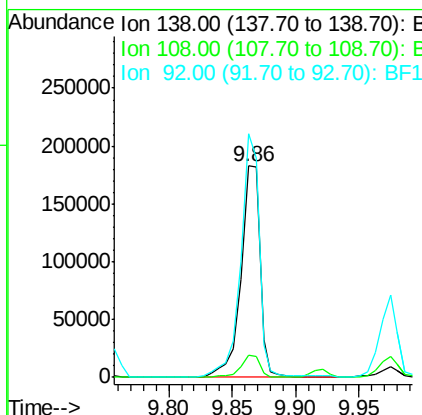
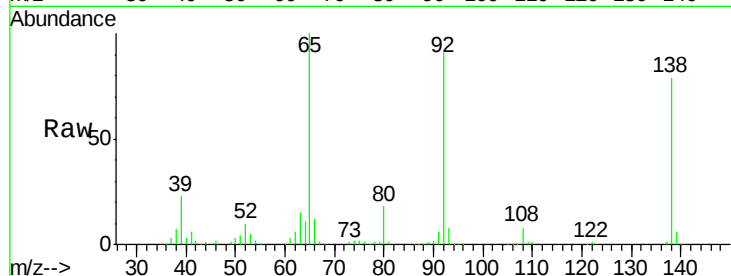




#53
 3-Nitroaniline
 Concen: 29.822 ng
 RT: 9.86 min Scan# 1322
 Delta R.T. -0.01 min
 Lab File: BF115559.D
 Acq: 15 Jul 2019 16:32

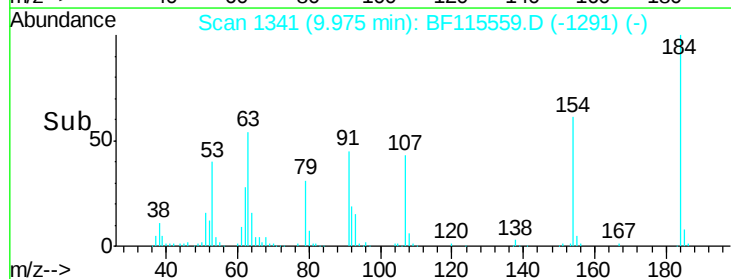
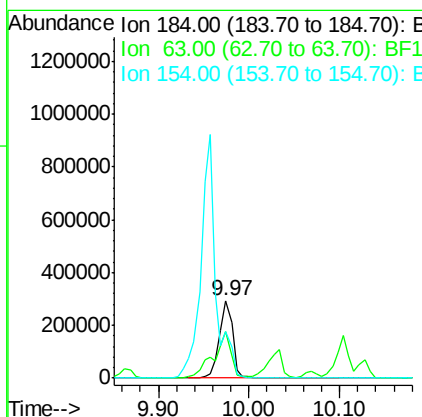
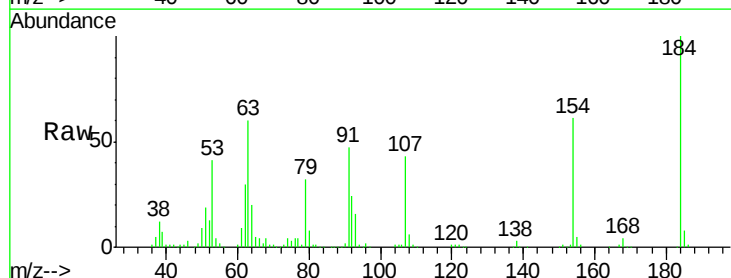
Instrument :
 BNA_F
 ClientSampleId :

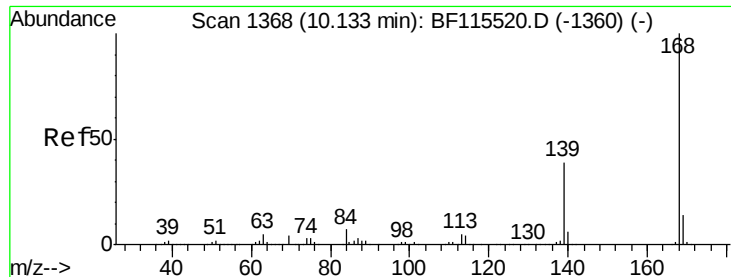
Tot Ion:138 Resp: 191327
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.4 12.6
 92 115.2 88.0 132.0



#54
 2,4-Dinitrophenol
 Concen: 102.356 ng
 RT: 9.97 min Scan# 1341
 Delta R.T. -0.01 min
 Lab File: BF115559.D
 Acq: 15 Jul 2019 16:32

Tgt Ion:184 Resp: 295035
 Ion Ratio Lower Upper
 184 100
 63 60.3 48.7 73.1
 154 60.6 48.6 73.0

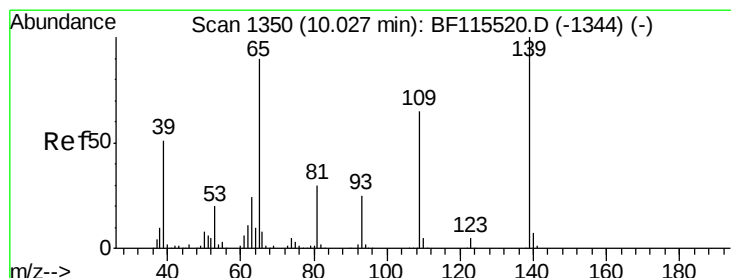
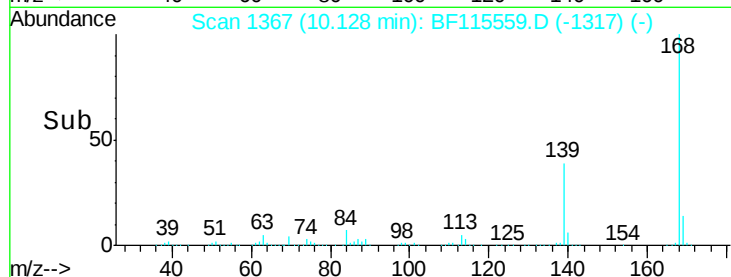
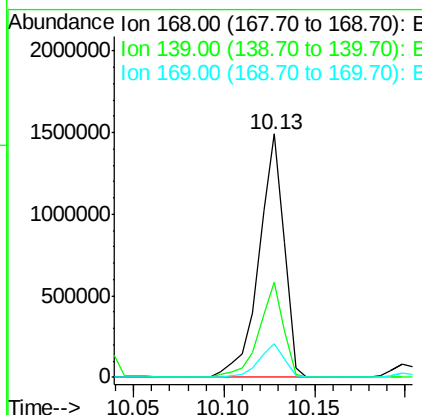
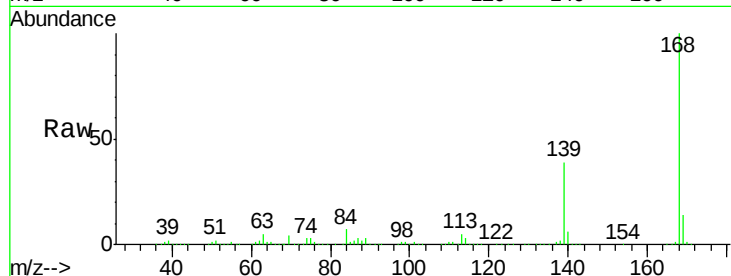




#55
Dibenzenofuran
Concen: 49.514 ng
RT: 10.13 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

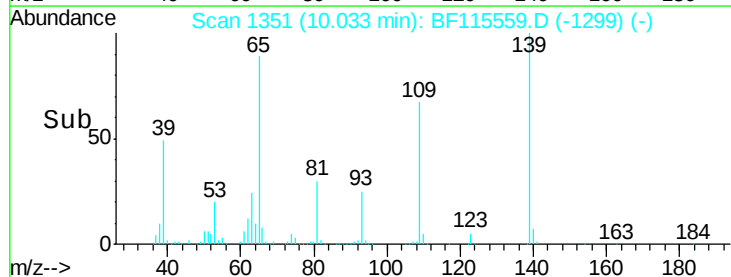
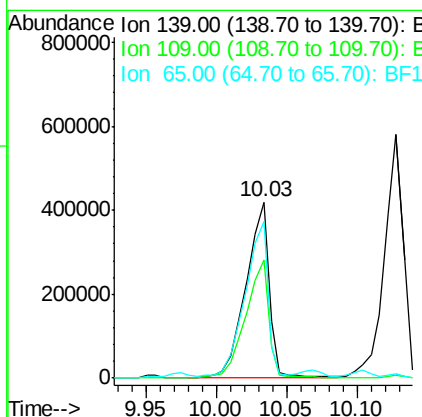
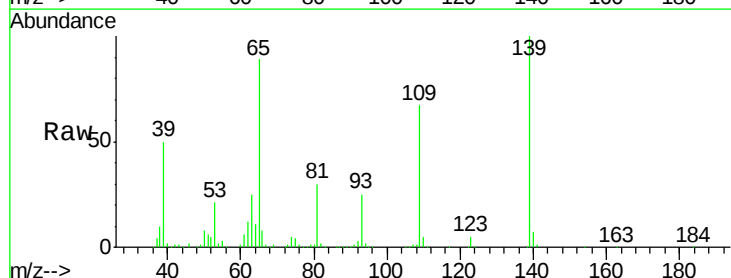
Instrument :
BNA_F
ClientSampleId :

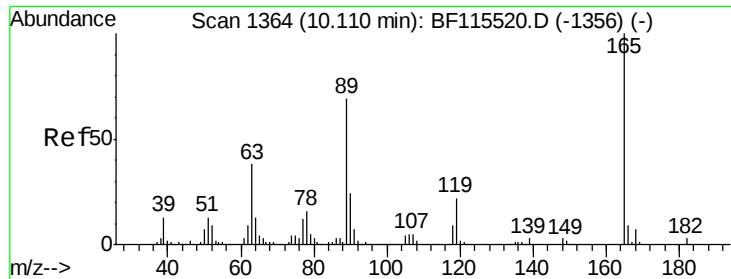
Tot Ion:168 Resp: 1437790
Ion Ratio Lower Upper
168 100
139 38.9 31.1 46.7
169 14.1 11.1 16.7



#56
4-Nitrophenol
Concen: 99.806 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion:139 Resp: 488278
Ion Ratio Lower Upper
139 100
109 67.1 46.4 86.4
65 88.8 68.9 108.9

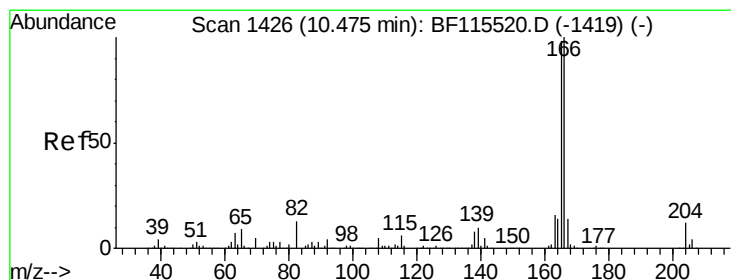
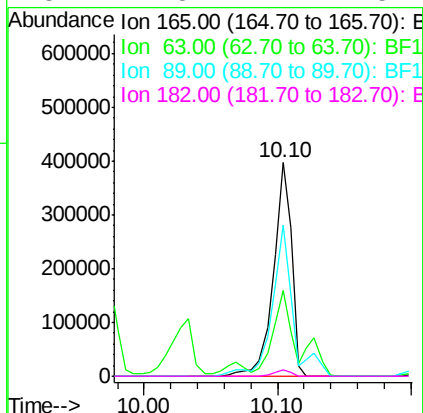
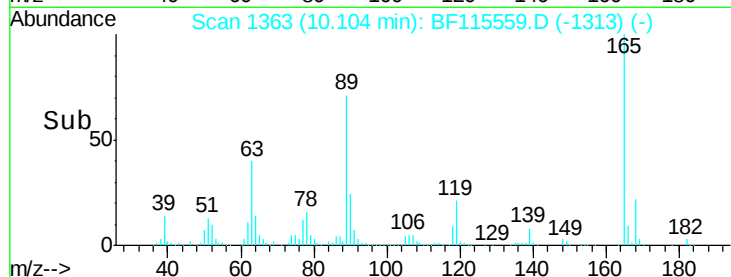
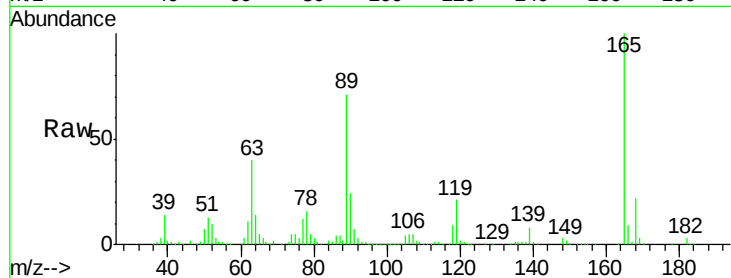




#57
2,4-Dinitrotoluene
Concen: 52.087 ng
RT: 10.10 min Scan# 1363
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

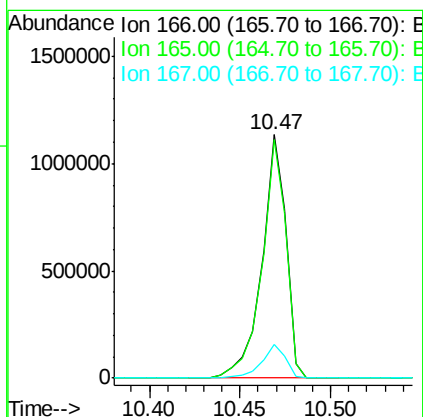
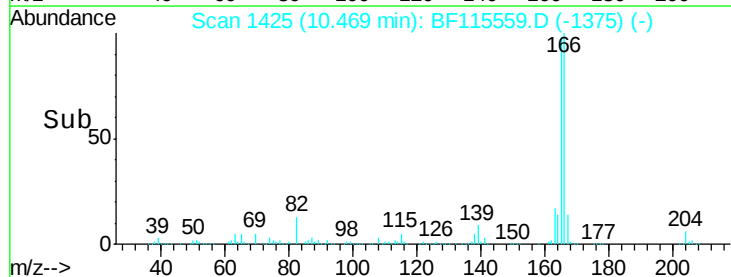
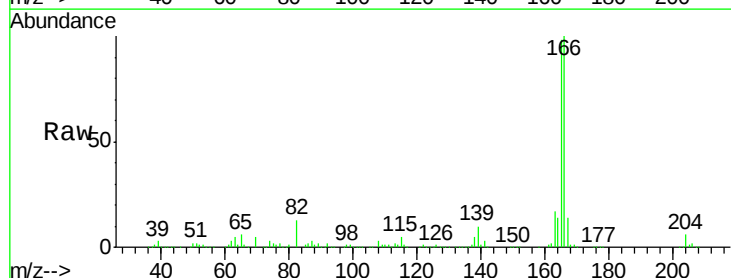
Instrument :
BNA_F
ClientSampleId :

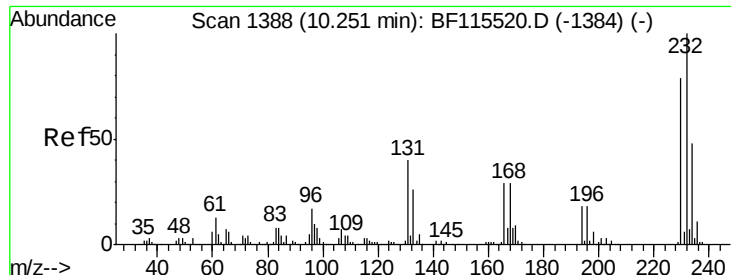
Tot Ion	Ratio	Lower	Upper
165	100		
63	40.2	34.9	52.3
89	70.8	57.5	86.3
182	2.8	2.2	3.4



#58
Fluorene
Concen: 50.524 ng
RT: 10.47 min Scan# 1425
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.1	79.8	119.6
167	13.8	11.2	16.8

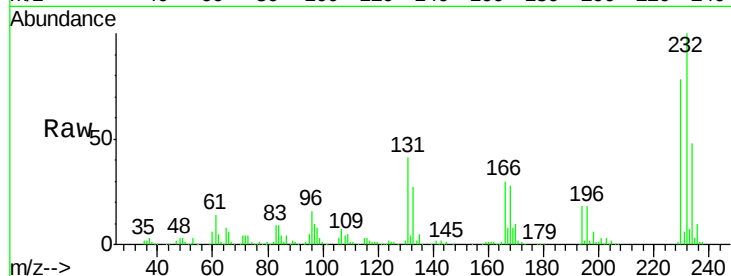




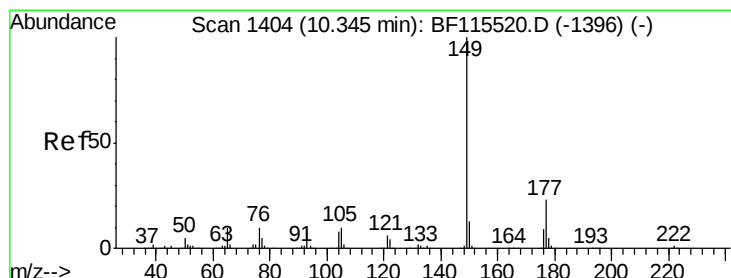
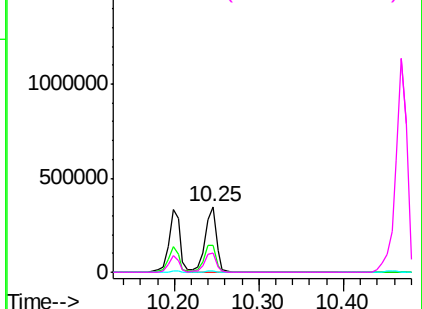
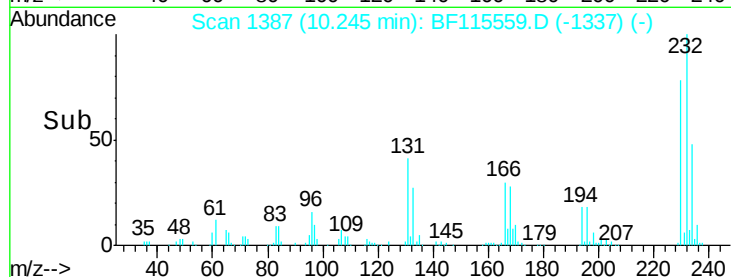
#59
2,3,4,6-Tetrachlorophenol
Concen: 52.638 ng
RT: 10.25 min Scan# 1387
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:232 Resp: 325846
Ion Ratio Lower Upper
232 100
131 43.7 35.9 53.9
130 2.2 1.8 2.6
166 30.7 24.8 37.2

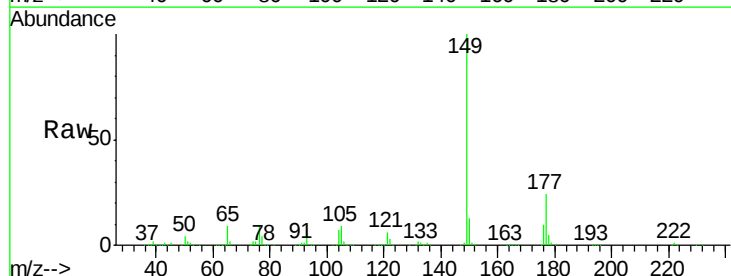


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

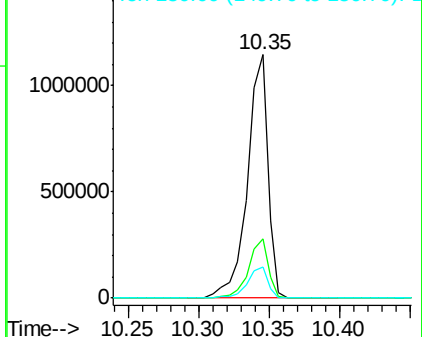
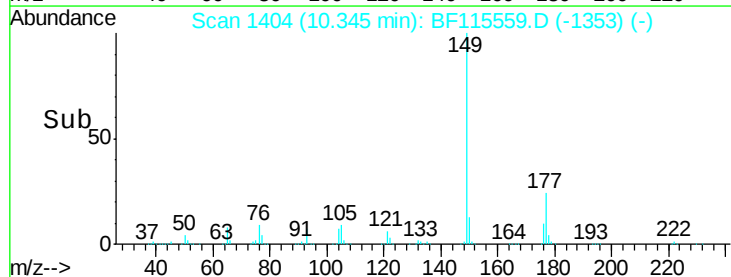


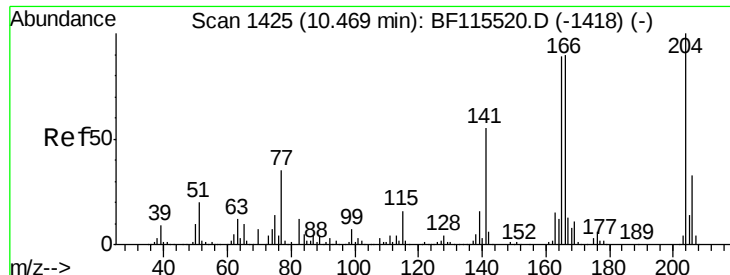
#60
Diethylphthalate
Concen: 50.420 ng
RT: 10.35 min Scan# 1404
Delta R.T. 0.00 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion:149 Resp: 1167062
Ion Ratio Lower Upper
149 100
177 24.1 19.5 29.3
150 12.8 10.4 15.6



Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

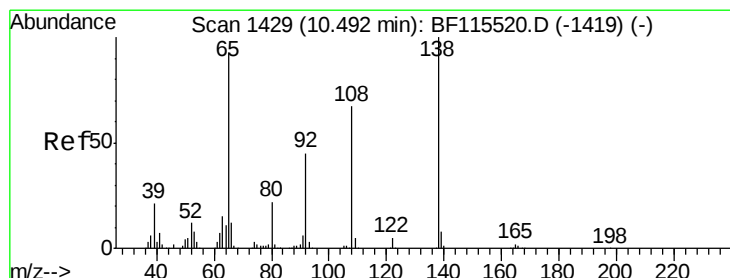
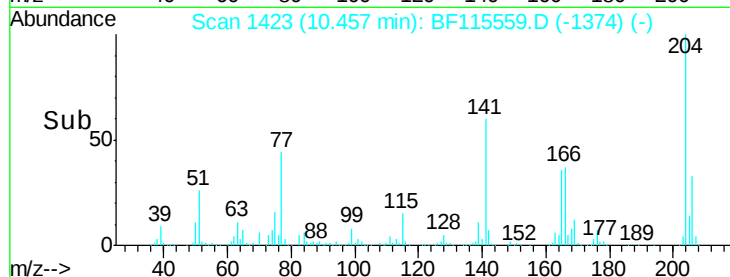
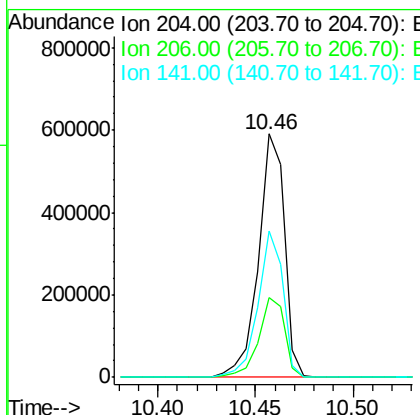
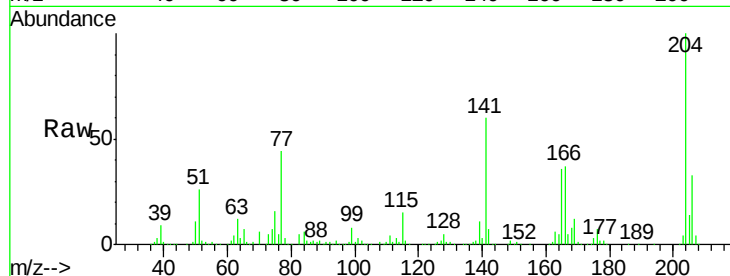




#61
4-Chlorophenyl-phenylether
Concen: 47.317 ng
RT: 10.46 min Scan# 1423
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

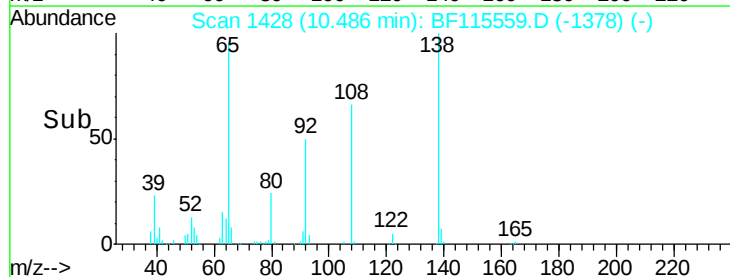
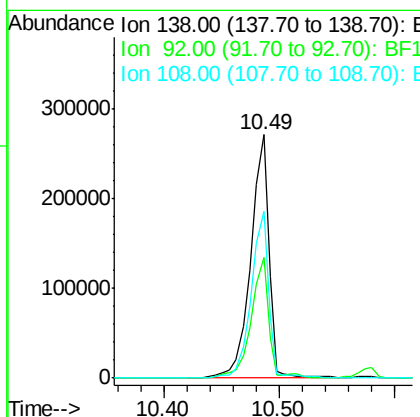
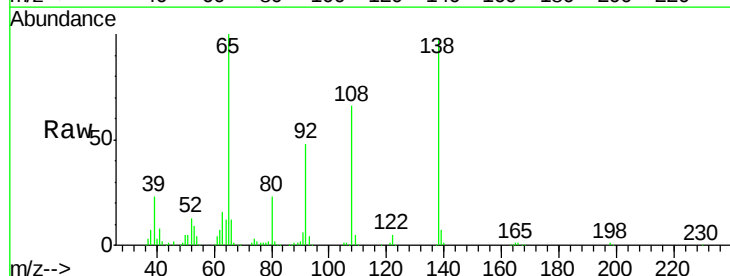
Instrument :
BNA_F
ClientSampled :

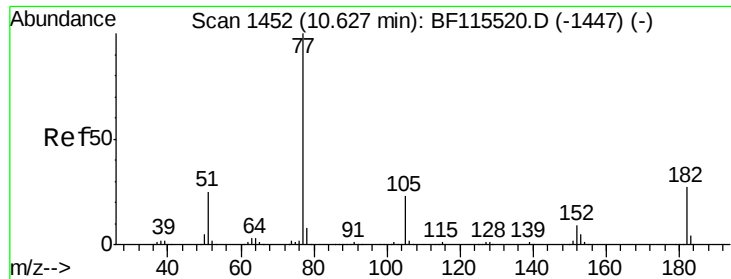
Tot Ion:204 Resp: 544714
Ion Ratio Lower Upper
204 100
206 32.5 26.7 40.1
141 59.9 44.2 66.2



#62
4-Nitroaniline
Concen: 48.631 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion:138 Resp: 299276
Ion Ratio Lower Upper
138 100
92 49.7 27.1 67.1
108 68.5 48.0 88.0

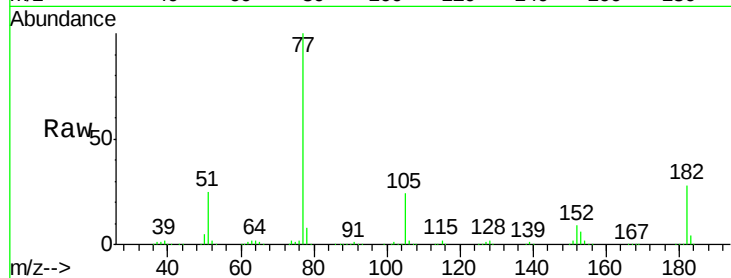




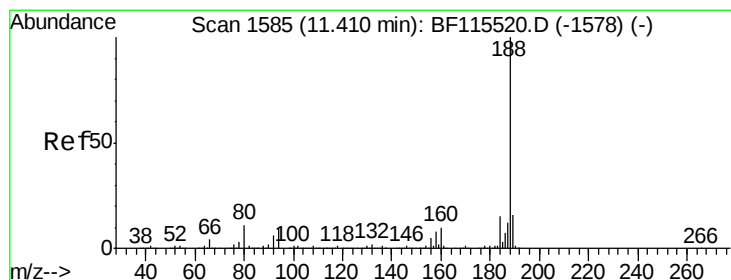
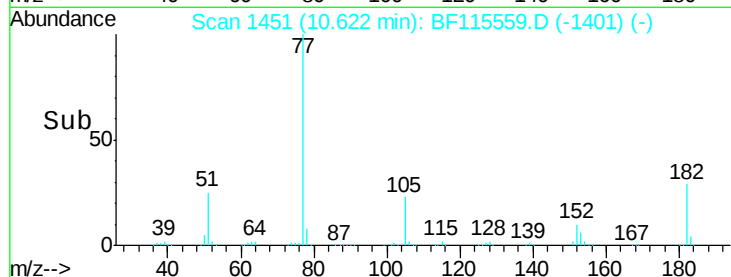
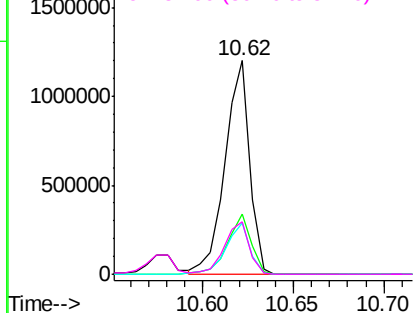
#63
Azobenzene
Concen: 50.348 ng
RT: 10.62 min Scan# 1451
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 1130387
Ion Ratio Lower Upper
77 100
182 28.4 6.9 46.9
105 23.7 3.9 43.9
51 24.9 7.3 47.3

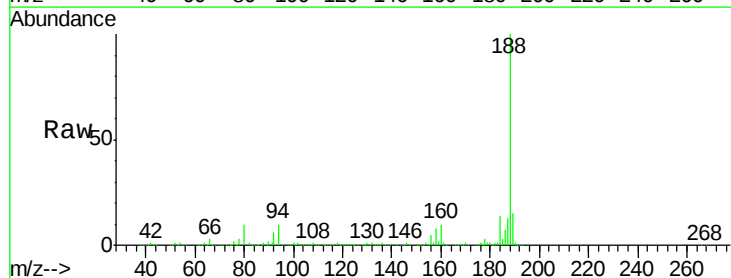


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

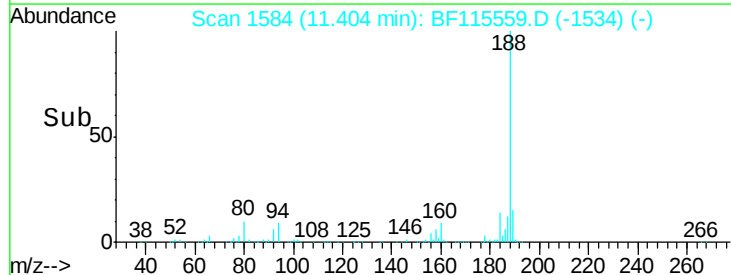
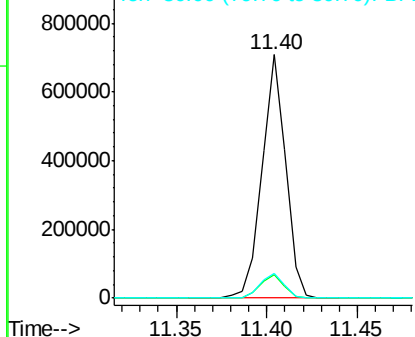


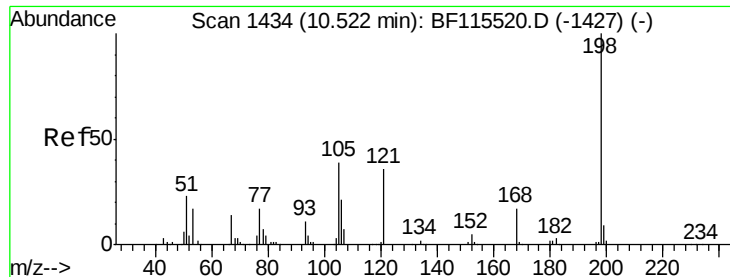
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1584
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion: 188 Resp: 643394
Ion Ratio Lower Upper
188 100
94 9.6 7.8 11.6
80 10.3 8.6 13.0



Abundance Ion 188.00 (187.70 to 188.70): BF1
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: 52.345 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

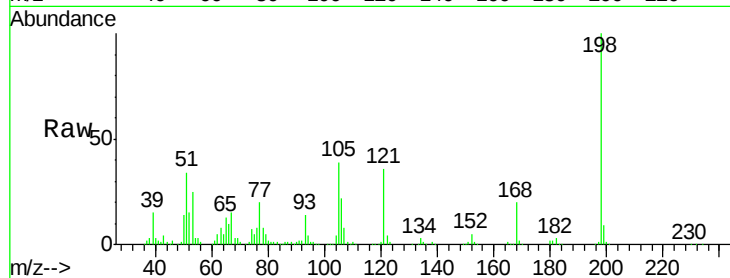
Tot Ion:198 Resp: 205763

Ion Ratio Lower Upper

198 100

51 33.7 19.1 59.1

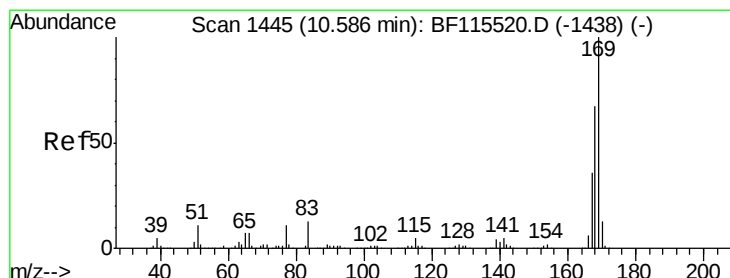
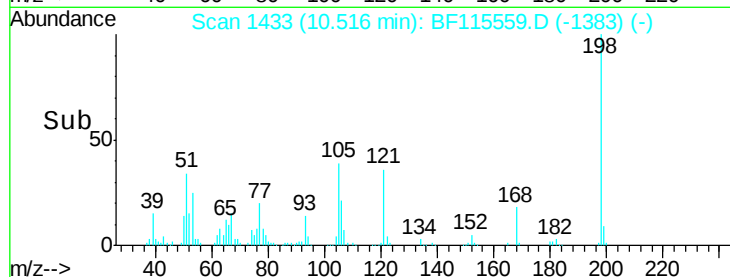
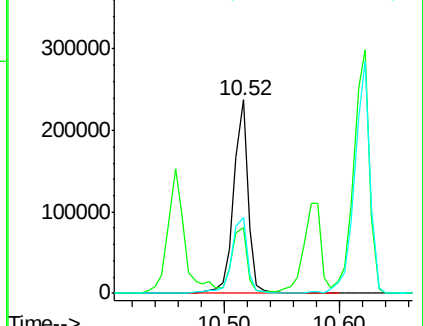
105 39.1 23.6 63.6



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: 49.100 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

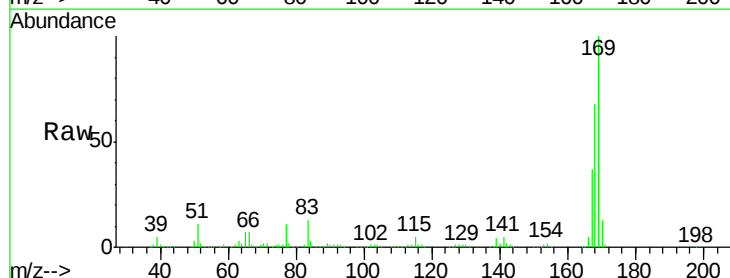
Tgt Ion:169 Resp: 982666

Ion Ratio Lower Upper

169 100

168 67.7 54.3 81.5

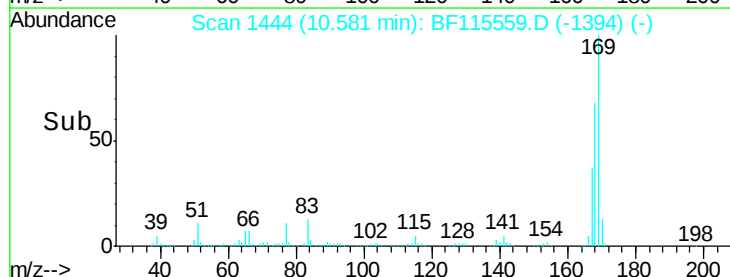
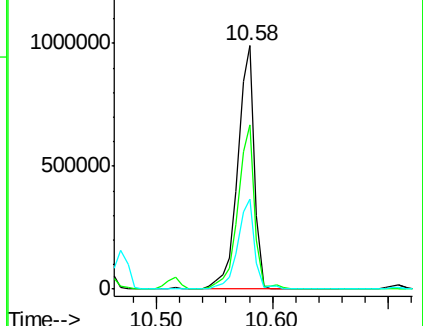
167 37.0 30.2 45.2

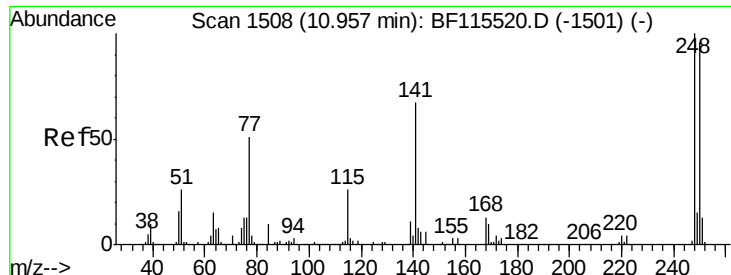


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

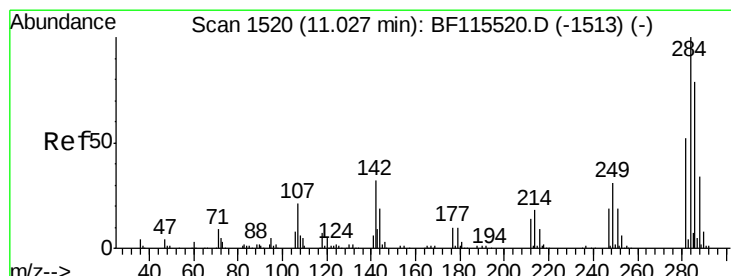
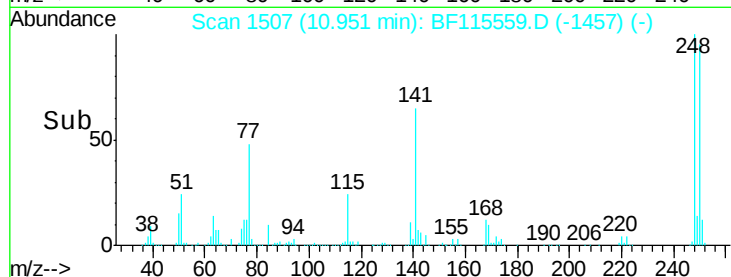
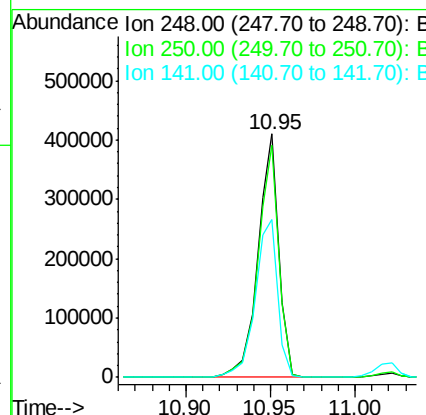
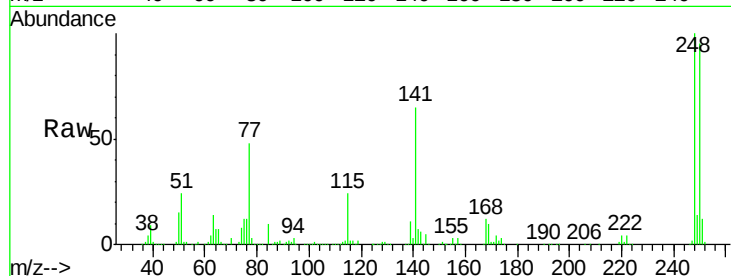




#67
4-Bromophenyl-phenylether
Concen: 47.898 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

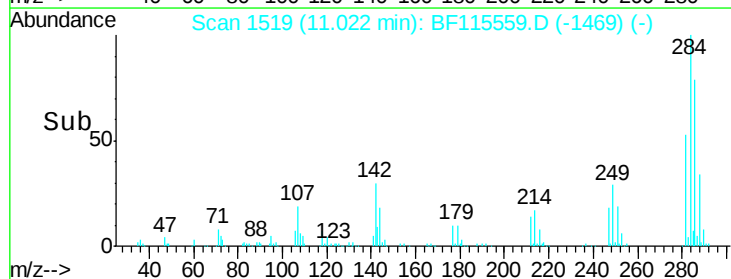
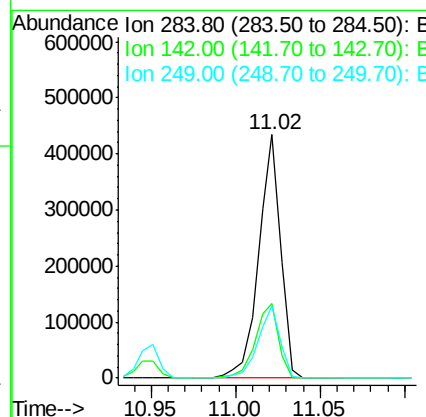
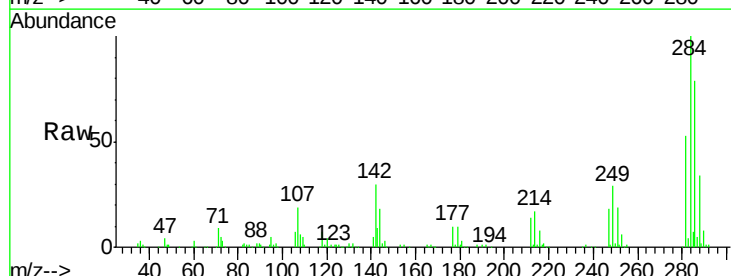
Instrument :
BNA_F
ClientSampled :

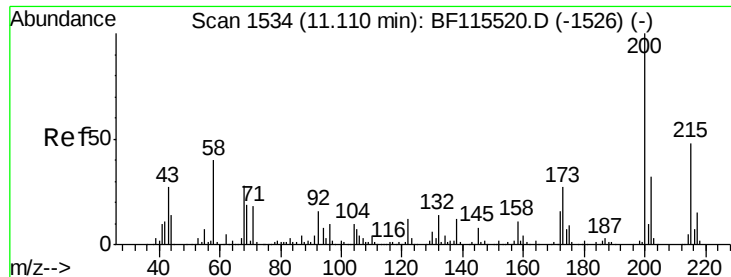
Tot Ion:248 Resp: 352169
Ion Ratio Lower Upper
248 100
250 95.4 78.0 117.0
141 64.6 57.7 86.5



#68
Hexachlorobenzene
Concen: 46.825 ng
RT: 11.02 min Scan# 1519
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion:284 Resp: 393166
Ion Ratio Lower Upper
284 100
142 30.5 22.2 33.2
249 29.5 23.4 35.2

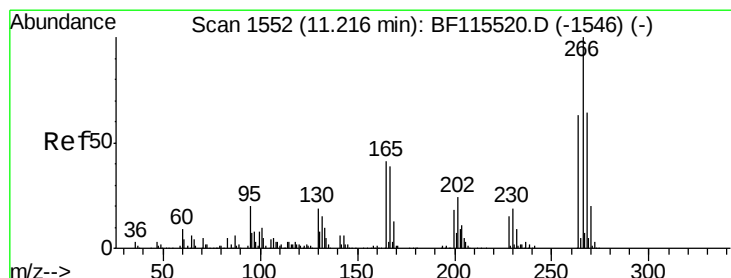
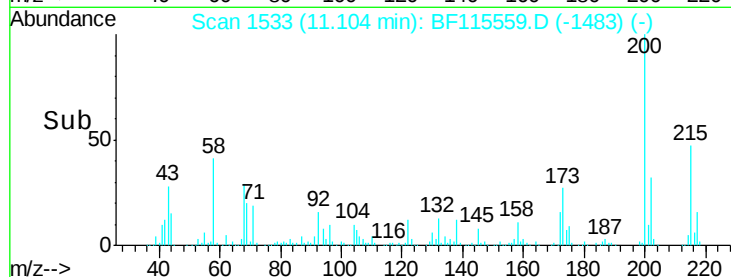
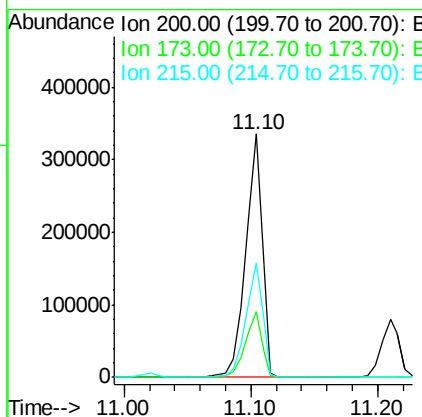
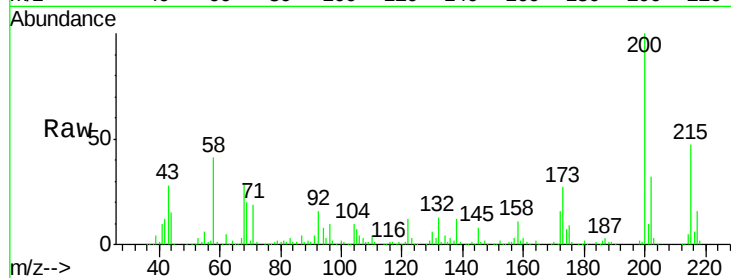




#69
 Atrazine
 Concen: 46.214 ng
 RT: 11.10 min Scan# 1533
 Delta R.T. -0.01 min
 Lab File: BF115559.D
 Acq: 15 Jul 2019 16:32

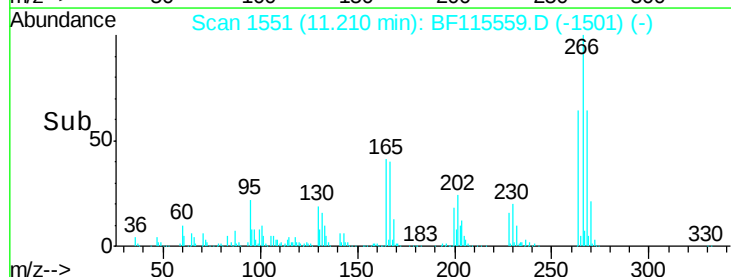
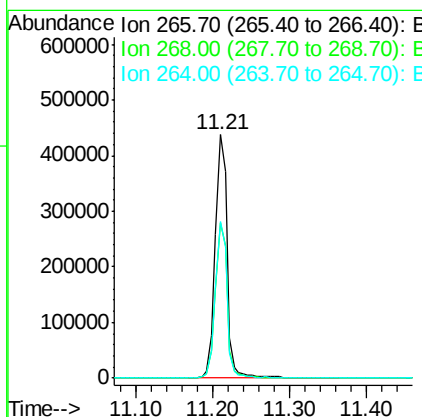
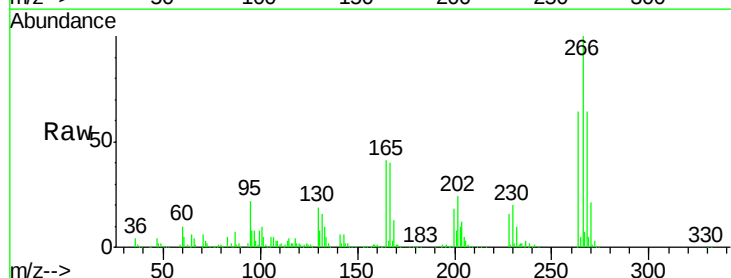
Instrument :
 BNA_F
 ClientSampleId :

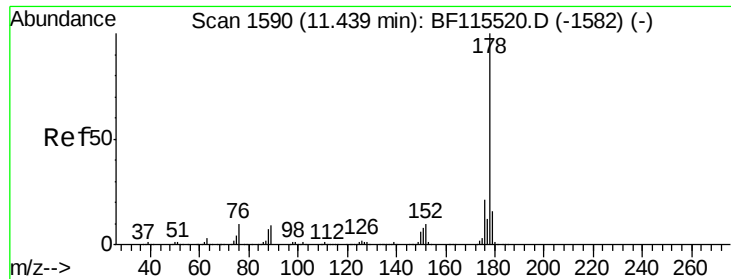
Tot Ion:200 Resp: 303424
 Ion Ratio Lower Upper
 200 100
 173 27.2 6.9 46.9
 215 47.2 27.9 67.9



#70
 Pentachlorophenol
 Concen: 89.762 ng
 RT: 11.21 min Scan# 1551
 Delta R.T. -0.01 min
 Lab File: BF115559.D
 Acq: 15 Jul 2019 16:32

Tgt Ion:266 Resp: 460971
 Ion Ratio Lower Upper
 266 100
 268 63.8 51.6 77.4
 264 64.1 50.6 76.0

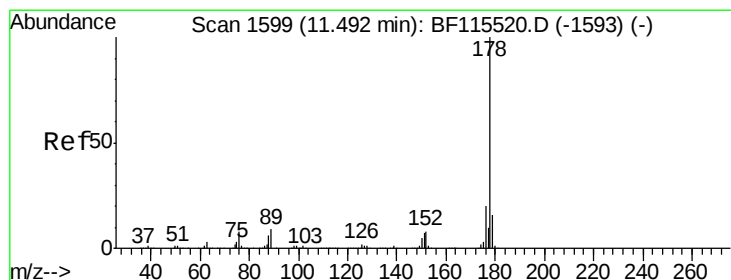
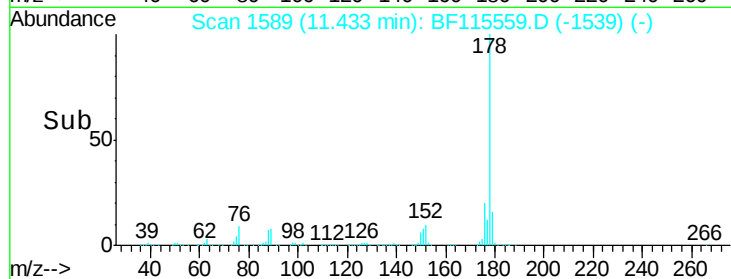
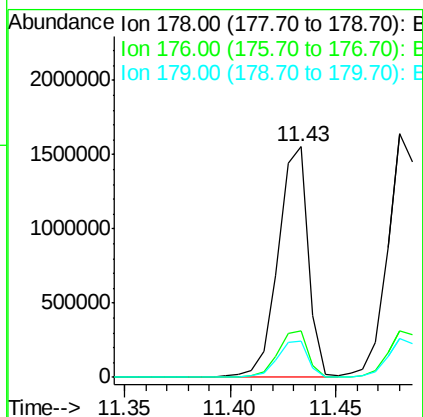
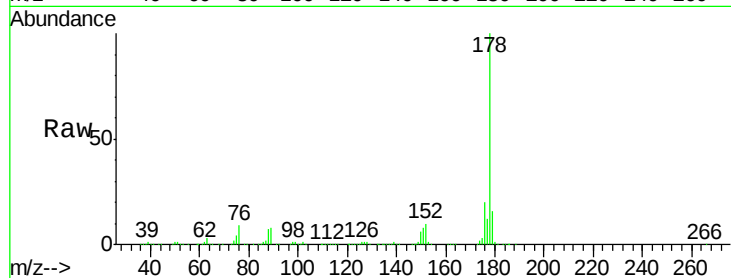




#71
Phenanthrene
Concen: 46.833 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

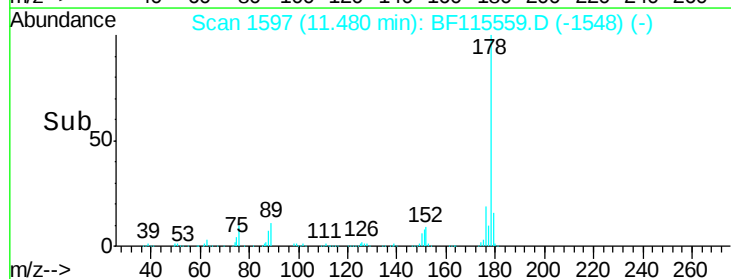
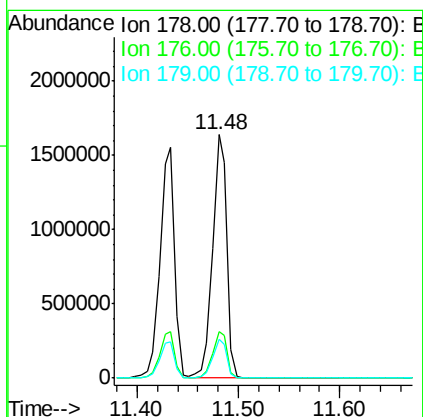
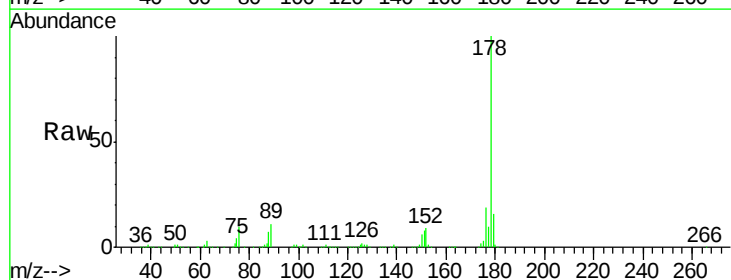
Instrument :
BNA_F
ClientSampleId :

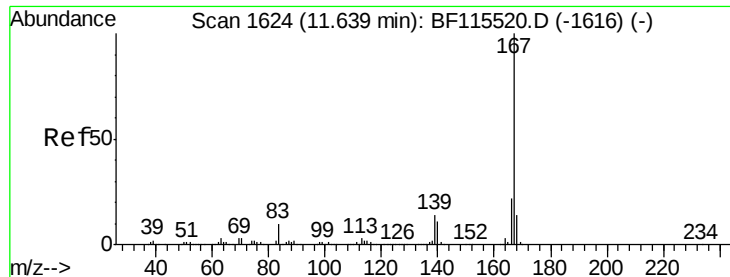
Tot Ion:178 Resp: 1544544
Ion Ratio Lower Upper
178 100
176 20.4 17.2 25.8
179 16.0 13.5 20.3



#72
Anthracene
Concen: 46.703 ng
RT: 11.48 min Scan# 1597
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion:178 Resp: 1591785
Ion Ratio Lower Upper
178 100
176 19.4 15.9 23.9
179 16.2 12.7 19.1





#73

Carbazole

Concen: 46.880 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

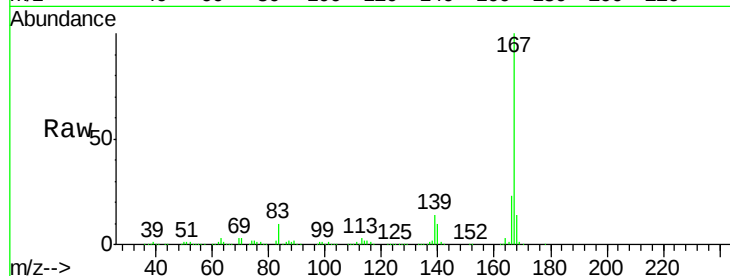
Tot Ion:167 Resp: 1401187

Ion Ratio Lower Upper

167 100

166 22.7 18.1 27.1

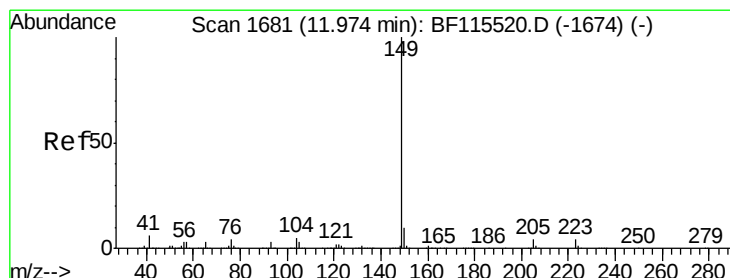
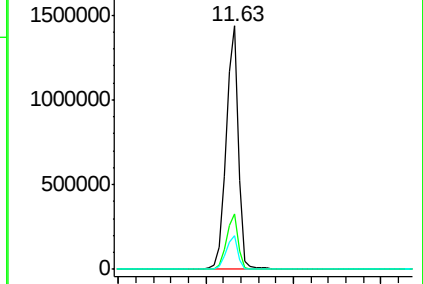
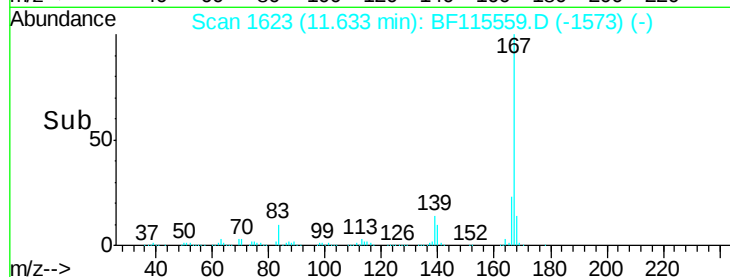
139 13.9 11.3 16.9



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 45.616 ng

RT: 11.96 min Scan# 1679

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

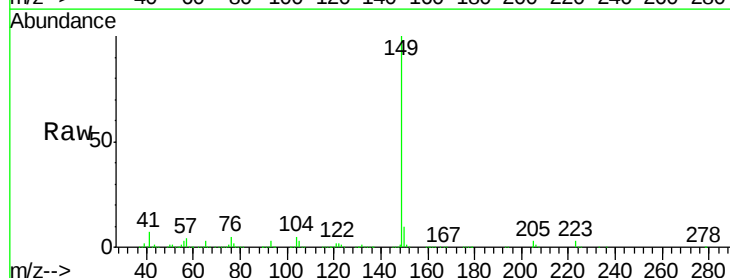
Tgt Ion:149 Resp: 1679380

Ion Ratio Lower Upper

149 100

150 9.8 7.7 11.5

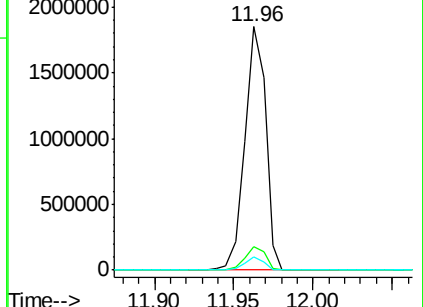
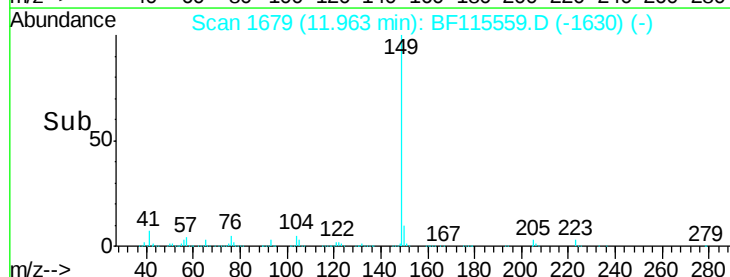
104 5.2 3.8 5.8

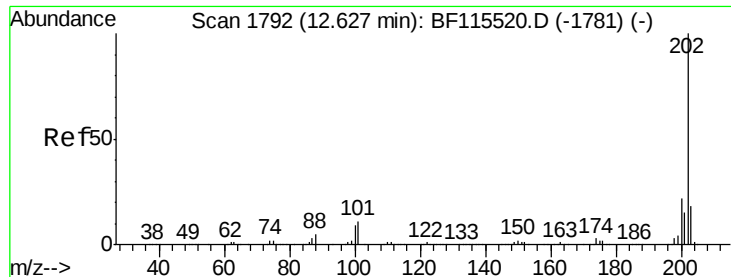


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

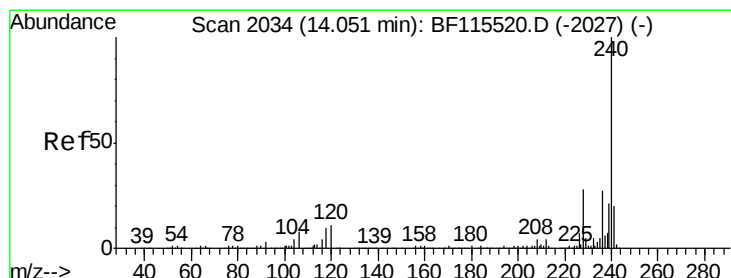
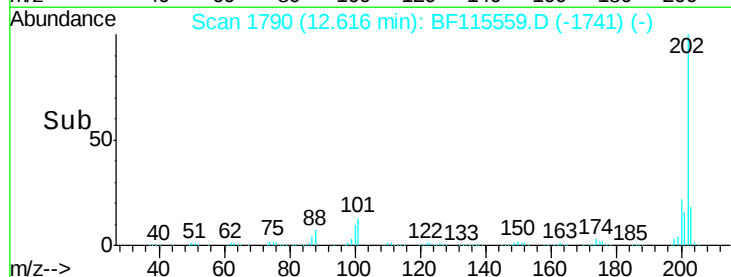
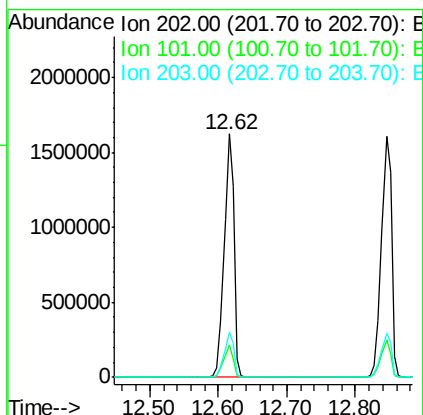
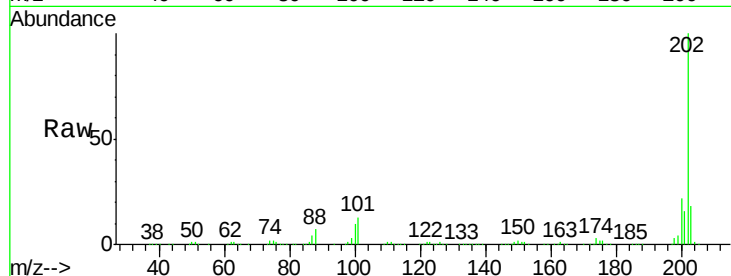




#75
Fluoranthene
Concen: 46.195 ng
RT: 12.62 min Scan# 1790
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

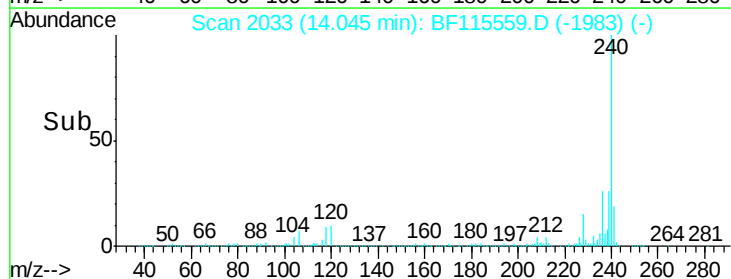
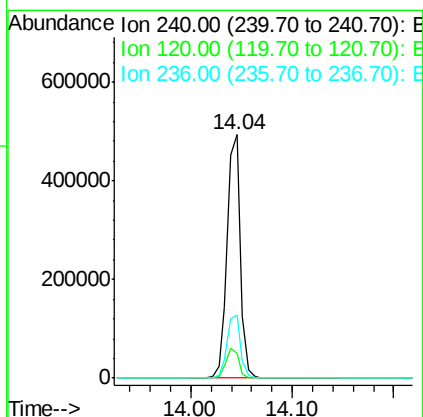
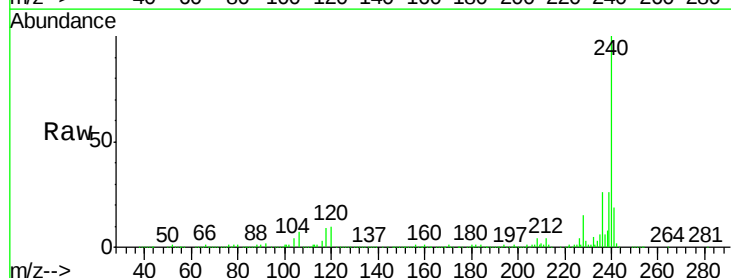
Instrument :
BNA_F
ClientSampleId :

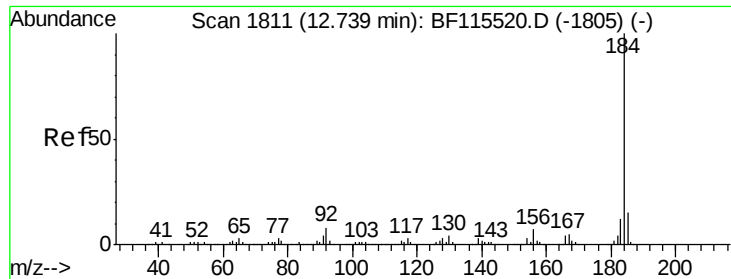
Tot Ion:202 Resp: 1609924
Ion Ratio Lower Upper
202 100
101 13.4 0.0 31.4
203 18.4 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion:240 Resp: 449468
Ion Ratio Lower Upper
240 100
120 10.0 8.6 13.0
236 26.0 21.3 31.9





#77

Benzidine

Concen: 53.356 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

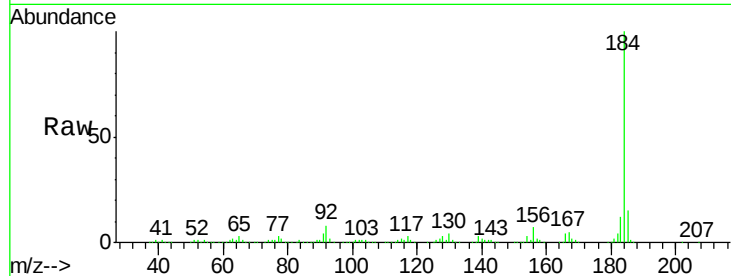
Tot Ion:184 Resp: 849564

Ion Ratio Lower Upper

184 100

185 15.1 12.0 18.0

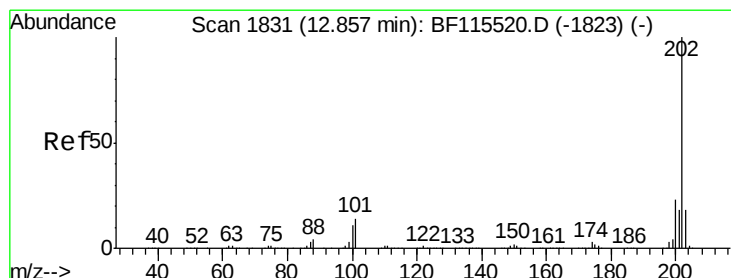
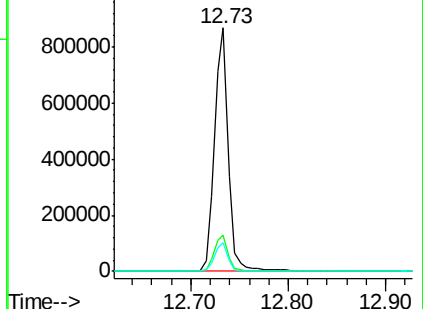
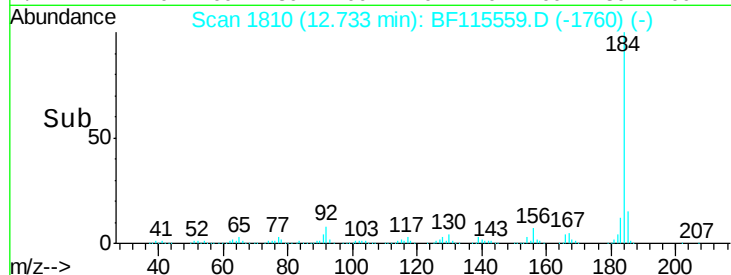
183 11.9 9.3 13.9



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: 42.482 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

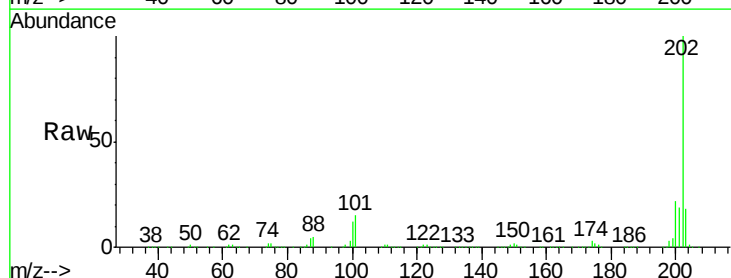
Tgt Ion:202 Resp: 1617729

Ion Ratio Lower Upper

202 100

200 22.3 18.7 28.1

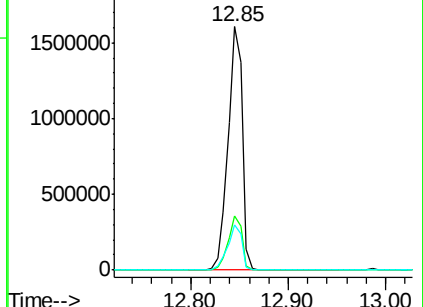
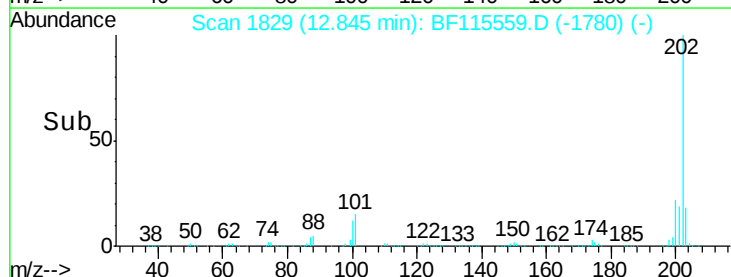
203 18.4 15.2 22.8

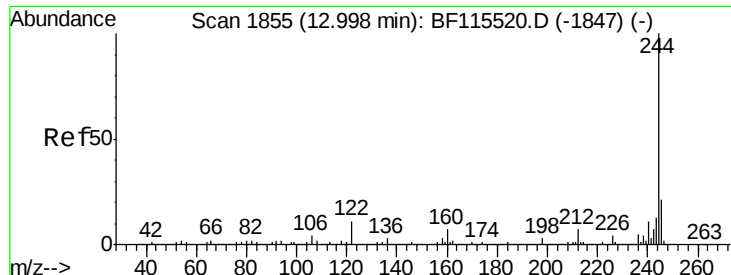


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 88.099 ng

RT: 12.99 min Scan# 1853

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

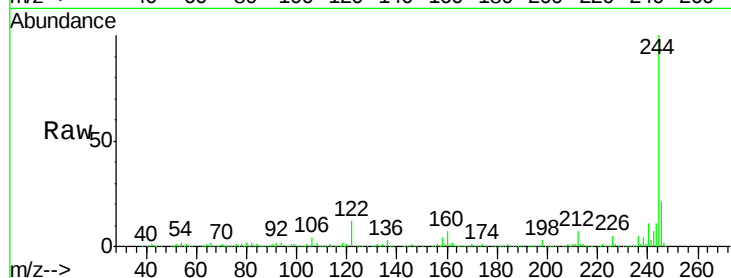
Tot Ion:244 Resp: 2146013

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

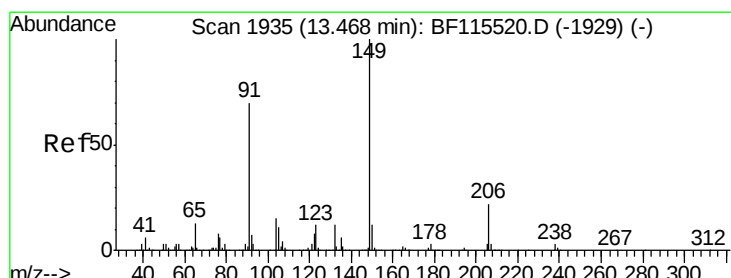
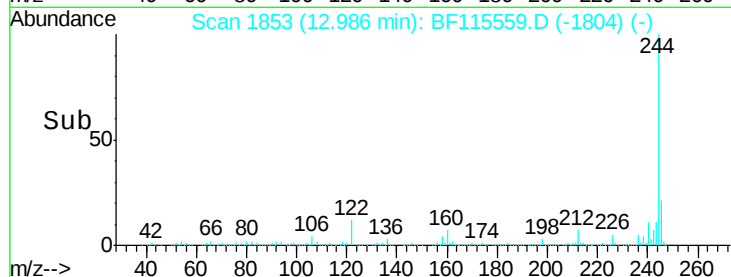
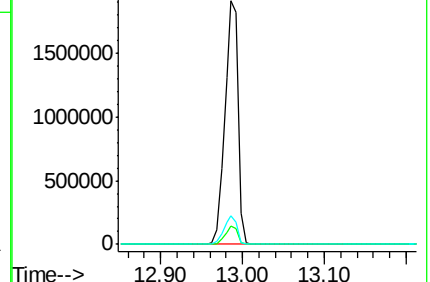
122 12.0 8.6 12.8



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: 45.197 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

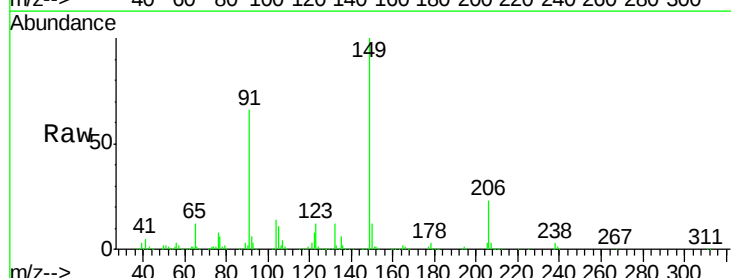
Tgt Ion:149 Resp: 733701

Ion Ratio Lower Upper

149 100

91 66.3 55.8 83.8

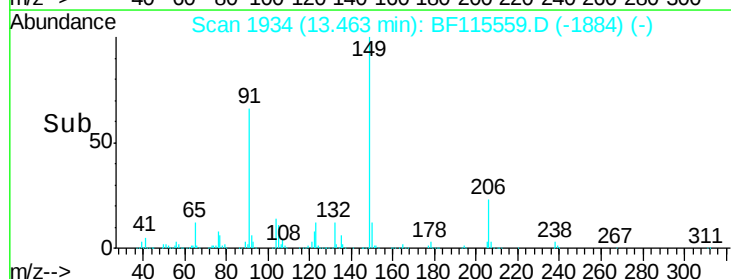
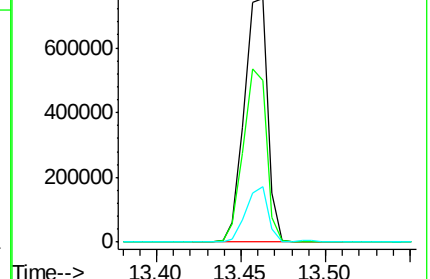
206 22.8 18.2 27.2

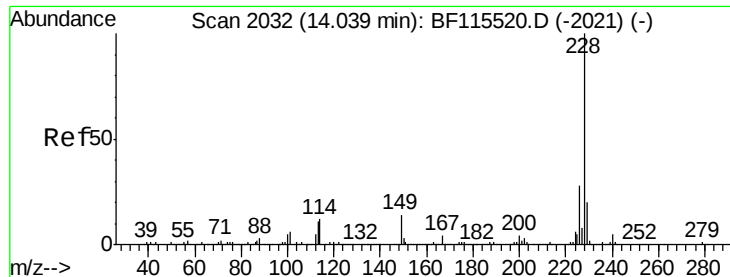


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 45.255 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

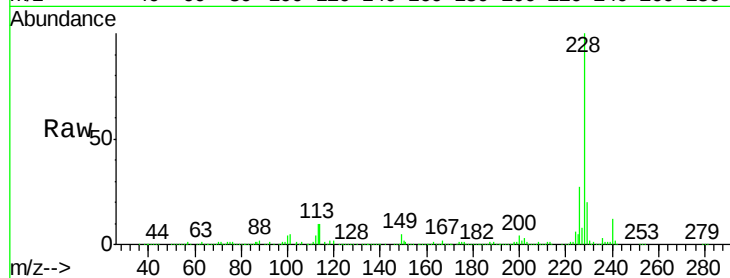
Tot Ion:228 Resp: 1340042

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

228 100

226 27.5 23.4 35.0

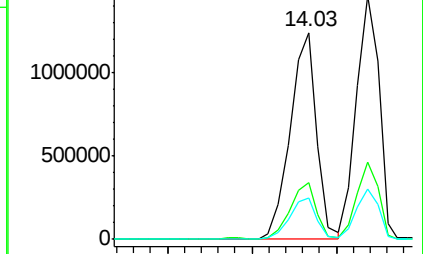
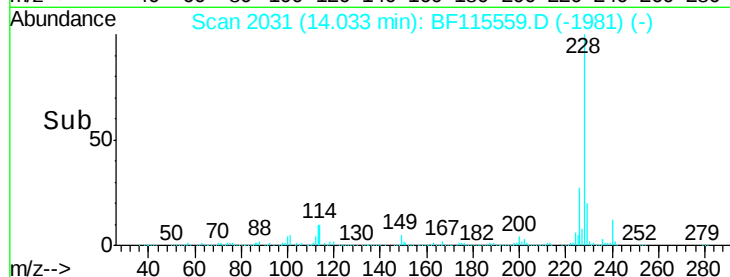
229 19.9 17.2 25.8



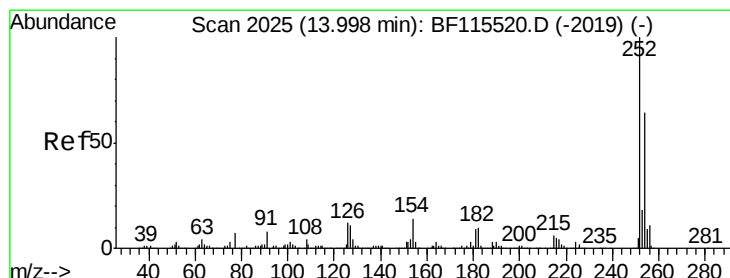
Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#82

3,3'-Dichlorobenzidine

Concen: 37.047 ng

RT: 13.99 min Scan# 2023

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

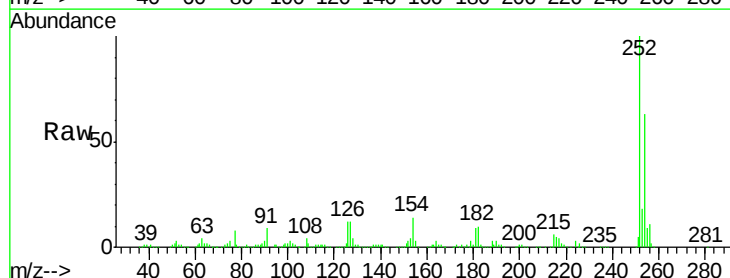
Tgt Ion:252 Resp: 389978

Ion	Ratio	Lower	Upper
252	100		
254	63.3	52.9	79.3
126	12.5	9.9	14.9

252 100

254 63.3 52.9 79.3

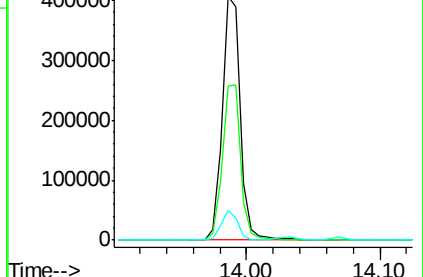
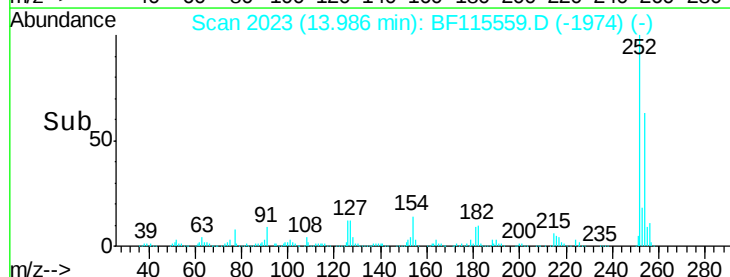
126 12.5 9.9 14.9



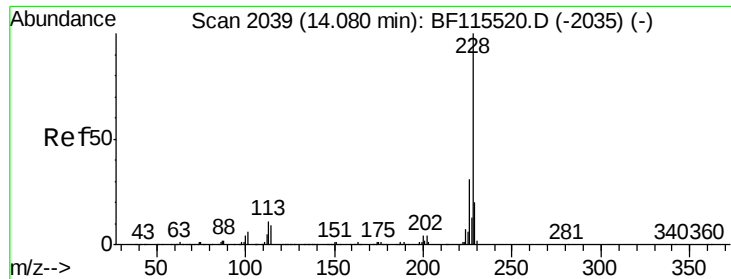
Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



Time-->



#83

Chrysene

Concen: 46.439 ng

RT: 14.07 min Scan# 2037

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

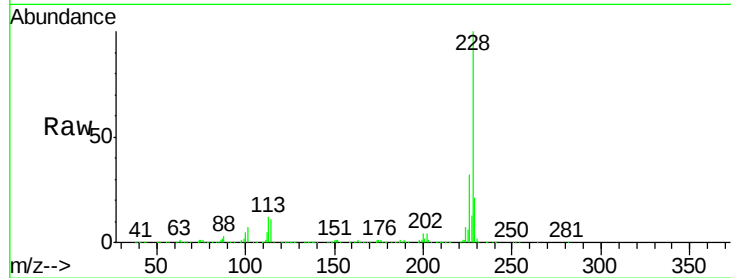
Tot Ion:228 Resp: 1380417

Ion Ratio Lower Upper

228 100

226 31.6 25.7 38.5

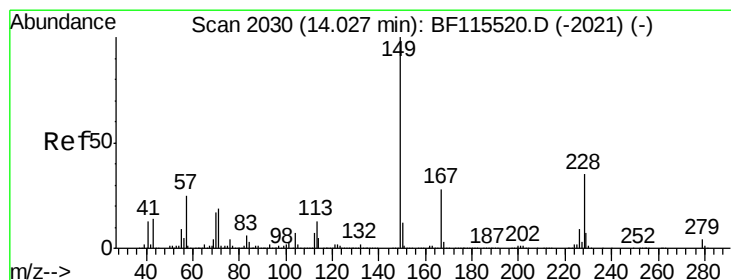
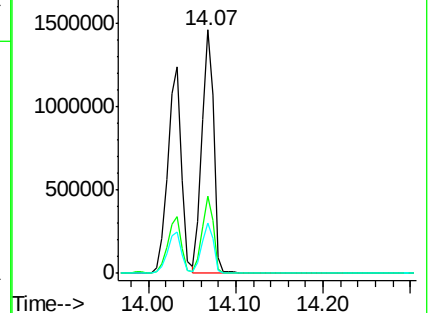
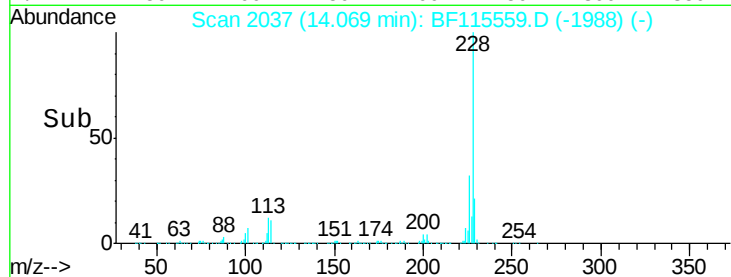
229 20.6 16.6 25.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 45.327 ng

RT: 14.02 min Scan# 2029

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

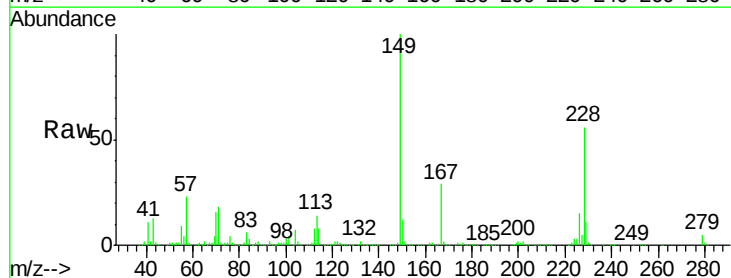
Tgt Ion:149 Resp: 911438

Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.4

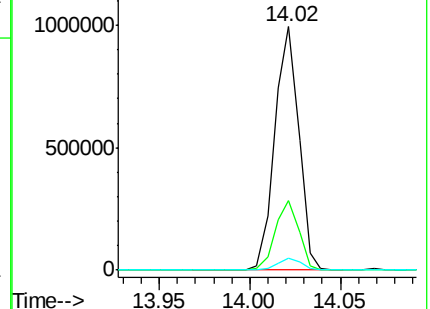
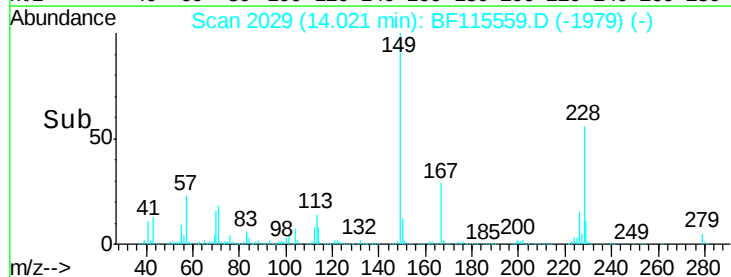
279 4.7 4.2 6.2

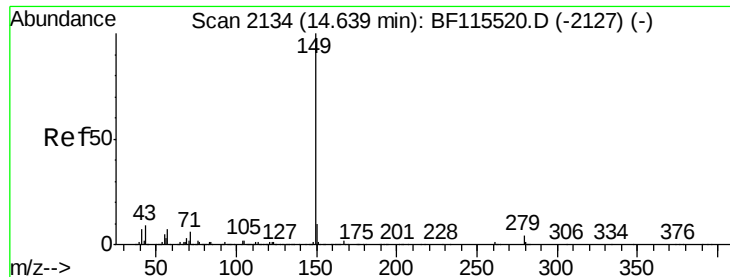


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 46.426 ng

RT: 14.63 min Scan# 2132

Delta R.T. -0.01 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

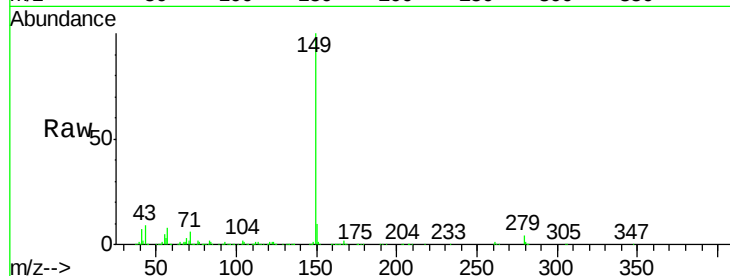
Tot Ion:149 Resp: 1485340

Ion Ratio Lower Upper

149 100

167 1.6 1.4 2.0

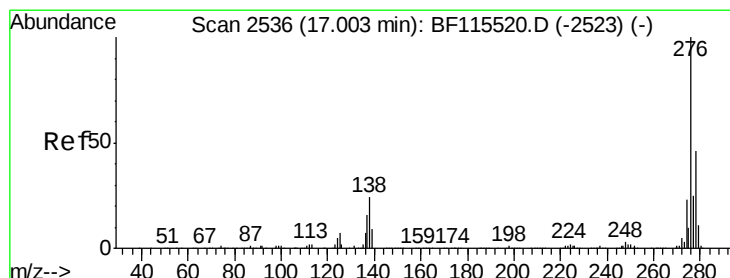
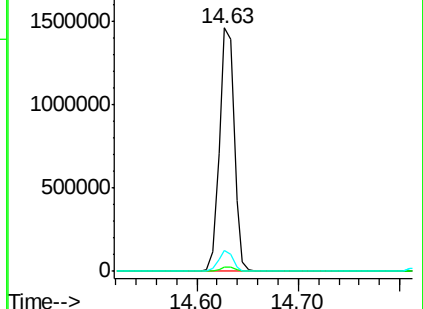
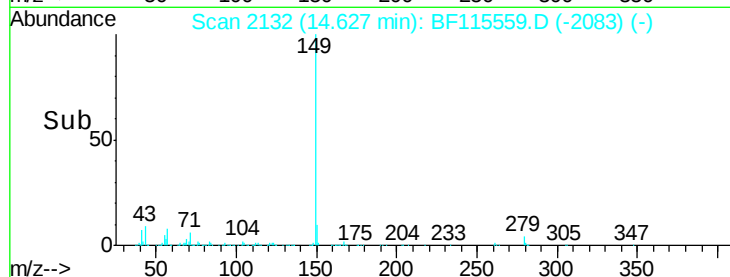
43 8.3 7.2 10.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.150 ng

RT: 16.98 min Scan# 2532

Delta R.T. -0.02 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

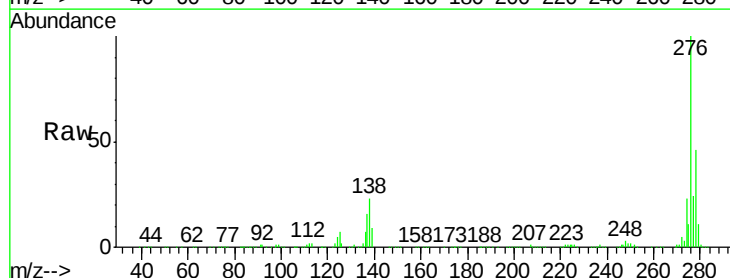
Tgt Ion:276 Resp: 1114969

Ion Ratio Lower Upper

276 100

138 25.6 20.2 30.2

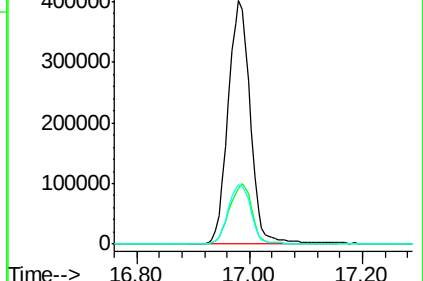
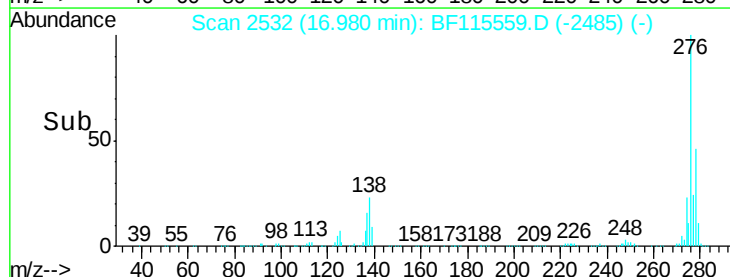
277 25.4 20.4 30.6

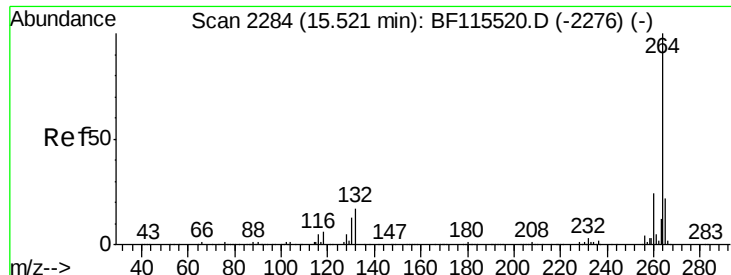


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



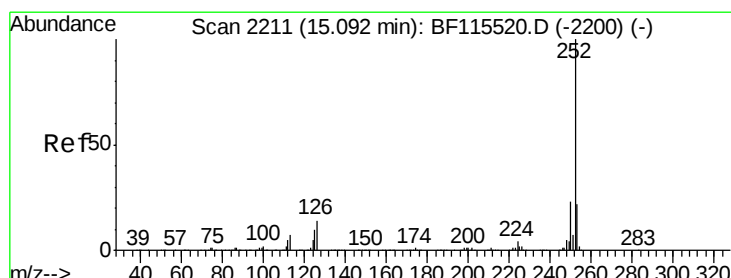
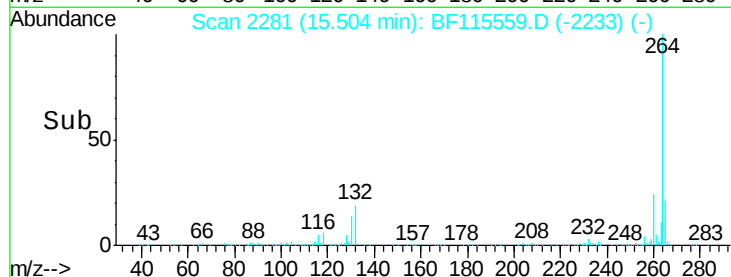
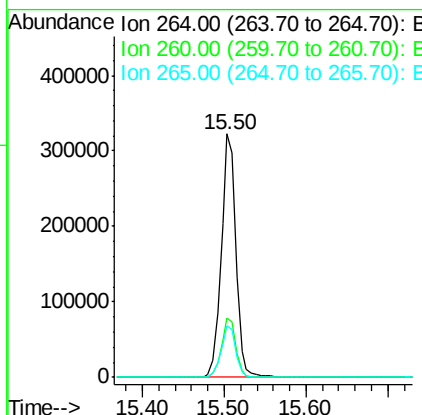
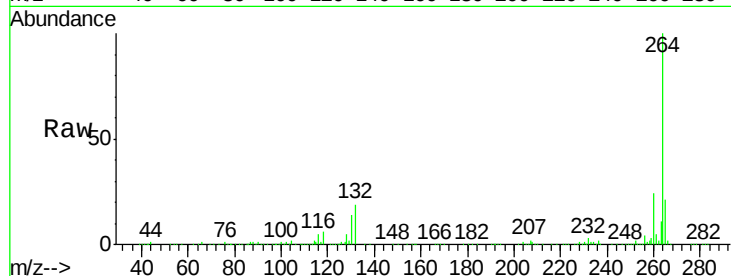


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2281
Delta R.T. -0.02 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Instrument :
BNA_F
ClientSampleId :

Tot Ion:264 Resp: 402432

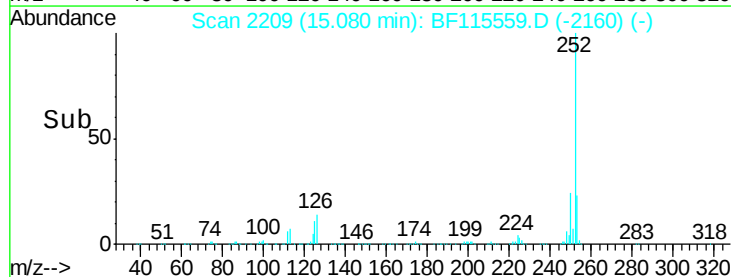
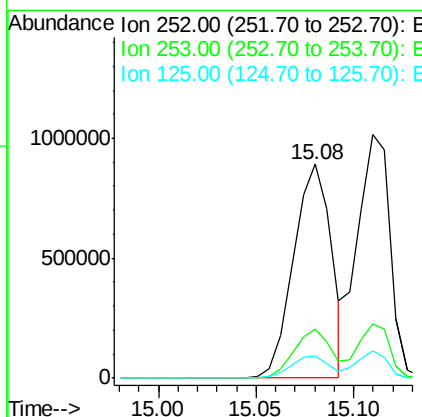
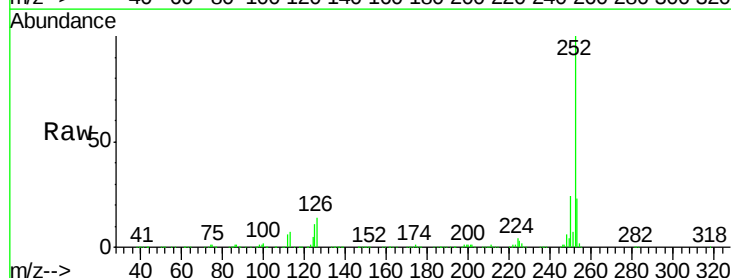
Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.8	29.8
265	21.5	17.7	26.5

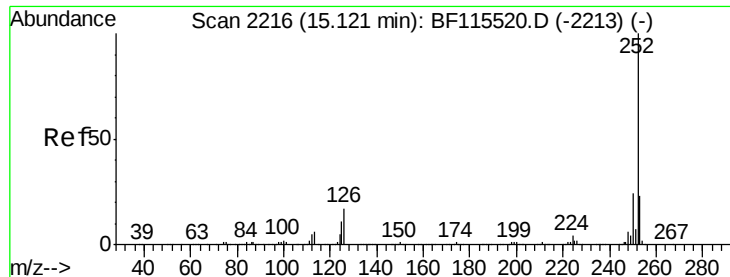


#88
Benzo(b)fluoranthene
Concen: 46.160 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion:252 Resp: 1196170

Ion	Ratio	Lower	Upper
252	100		
253	22.9	18.1	27.1
125	10.6	9.0	13.4

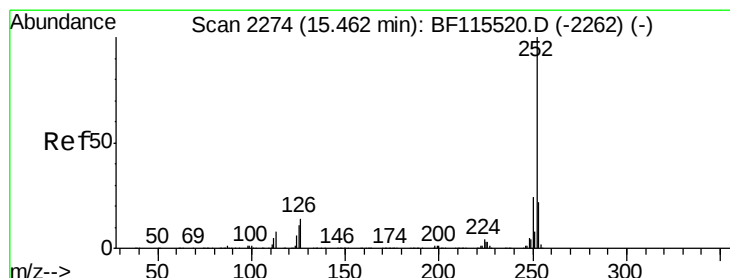
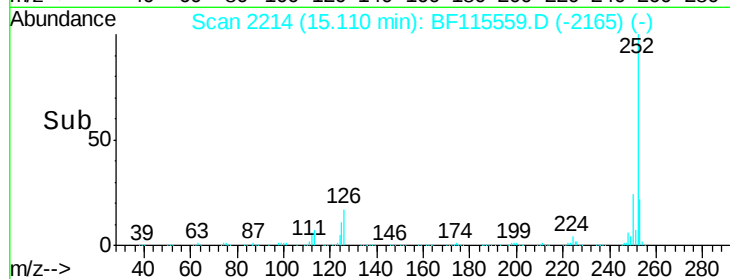
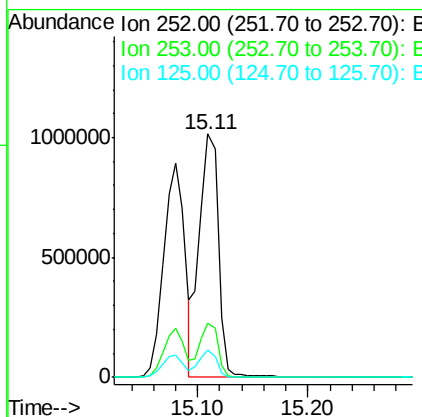
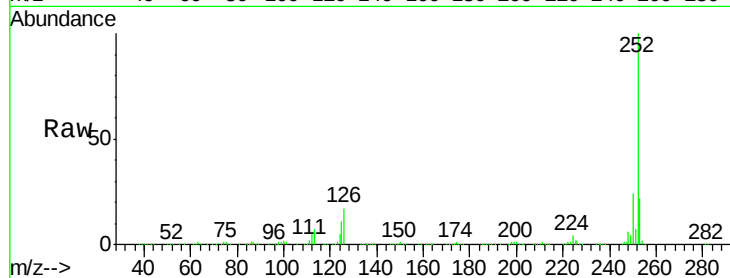




#89
Benzo(k)fluoranthene
Concen: 51.450 ng
RT: 15.11 min Scan# 2214
Delta R.T. -0.01 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

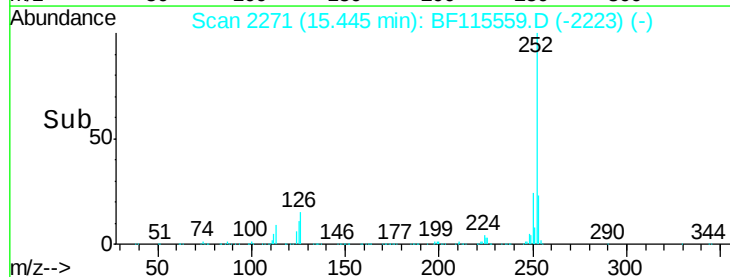
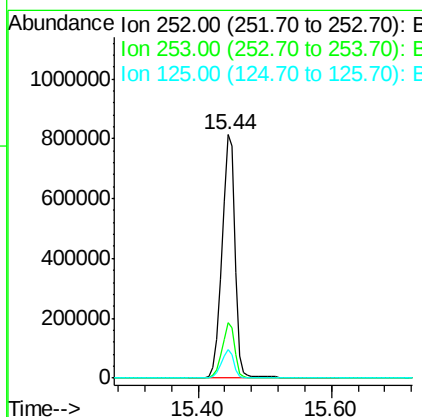
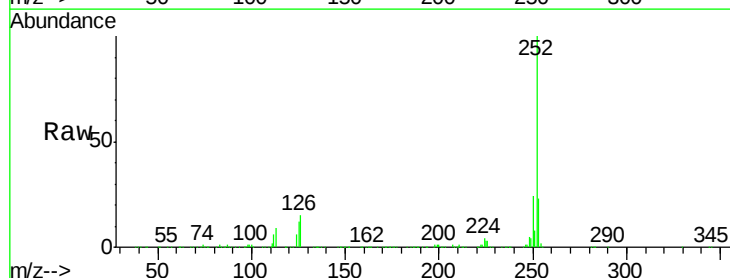
Instrument :
BNA_F
ClientSampled :

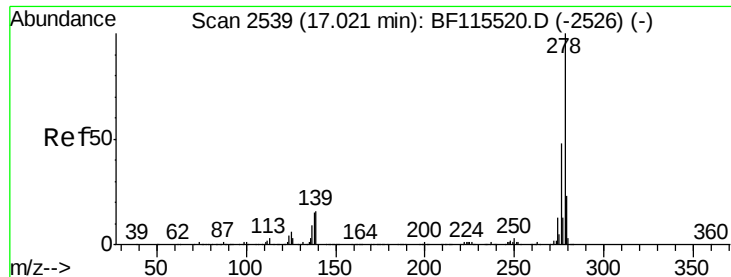
Tot Ion:252 Resp: 1188663
Ion Ratio Lower Upper
252 100
253 22.4 18.6 28.0
125 11.3 9.0 13.6



#90
Benzo(a)pyrene
Concen: 50.391 ng
RT: 15.44 min Scan# 2271
Delta R.T. -0.02 min
Lab File: BF115559.D
Acq: 15 Jul 2019 16:32

Tgt Ion:252 Resp: 1122328
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.6
125 11.6 9.1 13.7





#91

Dibenzo(a,h)anthracene

Concen: 47.769 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

Instrument :

BNA_F

ClientSampleId :

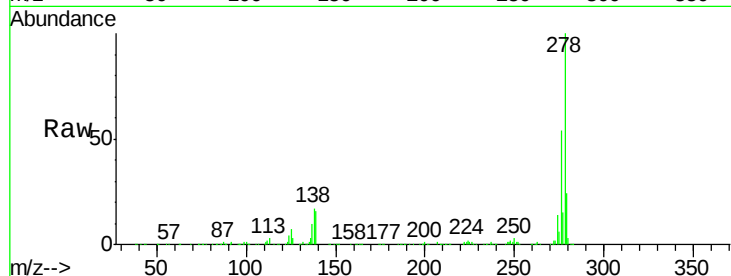
Tot Ion:278 Resp: 934015

Ion Ratio Lower Upper

278 100

139 16.2 13.1 19.7

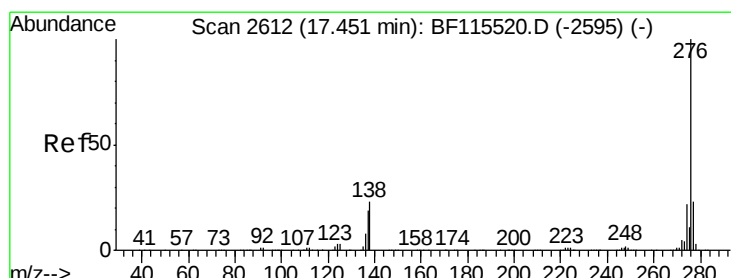
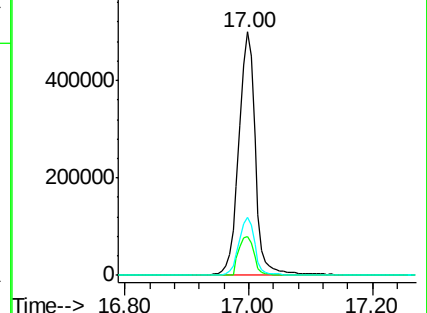
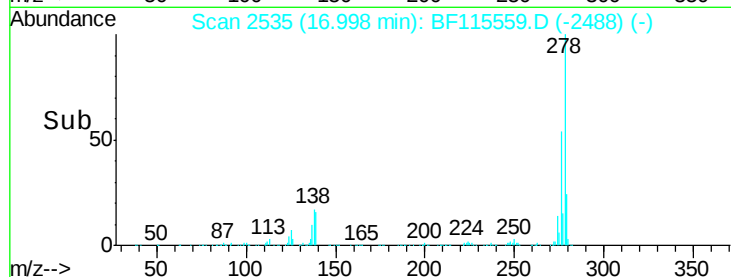
279 23.9 19.6 29.4



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: 45.271 ng

RT: 17.43 min Scan# 2608

Delta R.T. -0.02 min

Lab File: BF115559.D

Acq: 15 Jul 2019 16:32

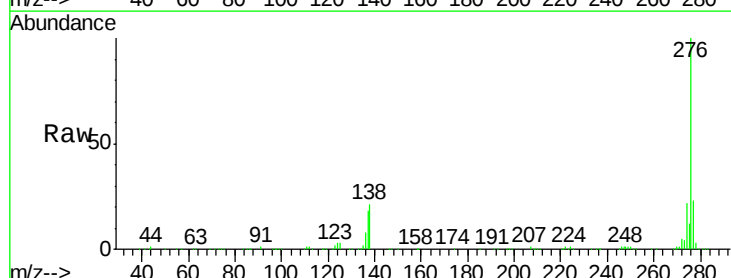
Tgt Ion:276 Resp: 882804

Ion Ratio Lower Upper

276 100

277 23.0 19.0 28.4

138 20.7 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

