

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
 Data File : BF115542.D
 Acq On : 12 Jul 2019 22:26
 Operator : HP/JU
 Sample : K3621-02MS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 13 00:12:22 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	6.89	152	168246	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	638013	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	307498	20.00	ng	0.00
64) Phenanthrene-d10	11.41	188	538891	20.00	ng	0.00
76) Chrysene-d12	14.04	240	339692	20.00	ng	0.00
87) Perylene-d12	15.52	264	379381	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.53	112	1089842	105.96	ng	0.02
7) Phenol-d6	6.52	99	1293354	99.10	ng	0.00
23) Nitrobenzene-d5	7.45	82	1032807	94.13	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	434336	121.01	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1889197	107.53	ng	0.00
79) Terphenyl-d14	12.99	244	1702794	92.49	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.89	88	169919	33.118	ng	# 87
3) Pyridine	3.58	79	359840	25.850	ng	98
4) n-Nitrosodimethylamine	3.51	42	180537	35.750	ng	99
6) Aniline	6.55	93	158612	8.733	ng	99
8) 2-Chlorophenol	6.67	128	468449	39.612	ng	98
9) Benzaldehyde	6.43	77	229392	28.126	ng	99
10) Phenol	6.53	94	468553	30.926	ng	79
11) bis(2-Chloroethyl)ether	6.62	93	459782	39.859	ng	99
12) 1,3-Dichlorobenzene	6.83	146	524096	39.418	ng	99
13) 1,4-Dichlorobenzene	6.90	146	526039	39.653	ng	98
14) 1,2-Dichlorobenzene	7.06	146	493224	40.672	ng	98
15) Benzyl Alcohol	7.02	79	424548	41.005	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.16	45	607512	40.003	ng	96
17) 2-Methylphenol	7.14	107	395396	38.797	ng	98
18) Hexachloroethane	7.40	117	185322	37.637	ng	98
19) n-Nitroso-di-n-propylamine	7.30	70	340267	39.975	ng	98
20) 3+4-Methylphenols	7.29	107	460706	38.058	ng	95
22) Acetophenone	7.29	105	664325	46.090	ng	# 96
24) Nitrobenzene	7.46	77	525179	44.376	ng	96
25) Isophorone	7.70	82	962804	43.851	ng	98
26) 2-Nitrophenol	7.78	139	263210	43.209	ng	98
27) 2,4-Dimethylphenol	7.82	122	446405	48.978	ng	100
28) bis(2-Chloroethoxy)methane	7.92	93	591153	43.888	ng	99
29) 2,4-Dichlorophenol	8.02	162	420755	44.388	ng	99
30) 1,2,4-Trichlorobenzene	8.11	180	466220	43.512	ng	99
31) Naphthalene	8.19	128	1409165	45.605	ng	97
32) Benzoic acid	7.92	122	160713	21.486	ng	99
33) 4-Chloroaniline	8.23	127	94341	6.893	ng	98
34) Hexachlorobutadiene	8.31	225	262868	42.781	ng	99
35) Caprolactam	8.60	113	51340	17.527	ng	93
36) 4-Chloro-3-methylphenol	8.72	107	433730	44.111	ng	99
37) 2-Methylnaphthalene	8.88	142	937860	45.789	ng	98
38) 1-Methylnaphthalene	8.98	142	892492	45.875	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.05	216	435098	46.988	ng	99

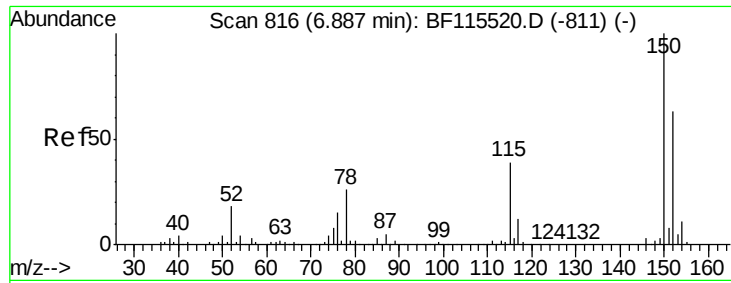
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071219\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.04	237	240705	45.569	ng	98
43) 2,4,6-Trichlorophenol	9.16	196	307681	45.437	ng	98
44) 2,4,5-Trichlorophenol	9.20	196	311600	44.932	ng	99
46) 1,1'-Biphenyl	9.35	154	1148818	47.788	ng	98
47) 2-Chloronaphthalene	9.37	162	903229	45.123	ng	98
48) 2-Nitroaniline	9.46	65	270899	43.725	ng	94
49) Acenaphthylene	9.79	152	1356721	45.742	ng	98
50) Dimethylphthalate	9.65	163	1068547	46.187	ng	99
51) 2,6-Dinitrotoluene	9.70	165	239108	45.478	ng	90
52) Acenaphthene	9.96	154	851876	44.487	ng	99
53) 3-Nitroaniline	9.87	138	102769	17.105	ng	95
54) 2,4-Dinitrophenol	9.97	184	94074	34.850	ng	94
55) Dibenzofuran	10.13	168	1213681	44.631	ng	98
56) 4-Nitrophenol	10.03	139	325871	71.127	ng	99
57) 2,4-Dinitrotoluene	10.11	165	310386	45.568	ng	# 86
58) Fluorene	10.47	166	881469	45.342	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.24	232	254416	43.886	ng	99
60) Diethylphthalate	10.35	149	1014763	46.814	ng	99
61) 4-Chlorophenyl-phenylether	10.46	204	465388	43.168	ng	97
62) 4-Nitroaniline	10.49	138	222982	38.691	ng	99
63) Azobenzene	10.62	77	966110	45.949	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	81969	24.896	ng	92
66) n-Nitrosodiphenylamine	10.58	169	829741	49.498	ng	99
67) 4-Bromophenyl-phenylether	10.95	248	288013	46.769	ng	97
68) Hexachlorobenzene	11.03	284	307018	43.656	ng	97
69) Atrazine	11.10	200	265617	48.301	ng	99
70) Pentachlorophenol	11.22	266	310785	72.253	ng	99
71) Phenanthrene	11.43	178	1268099	45.907	ng	98
72) Anthracene	11.49	178	1288865	45.148	ng	100
73) Carbazole	11.63	167	1122914	44.856	ng	99
74) Di-n-butylphthalate	11.97	149	1471169	47.709	ng	99
75) Fluoranthene	12.62	202	1220068	41.797	ng	99
77) Benzidine	12.73	184	143931	11.961	ng	99
78) Pyrene	12.85	202	1213554	42.167	ng	98
80) Butylbenzylphthalate	13.46	149	555189	45.252	ng	95
81) Benzo(a)anthracene	14.04	228	990122	44.243	ng	96
82) 3,3'-Dichlorobenzidine	13.99	252	188534	23.698	ng	99
83) Chrysene	14.07	228	993443	44.221	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	735843	48.420	ng	99
85) Di-n-octyl phthalate	14.64	149	1250402	51.712	ng	99
86) Indeno(1,2,3-cd)pyrene	17.00	276	903907	47.359	ng	100
88) Benzo(b)fluoranthene	15.09	252	1042068	42.657	ng	99
89) Benzo(k)fluoranthene	15.12	252	971742	44.617	ng	99
90) Benzo(a)pyrene	15.46	252	950233	45.257	ng	99
91) Dibenzo(a,h)anthracene	17.02	278	763171	41.403	ng	99
92) Benzo(g,h,i)perylene	17.44	276	712431	38.754	ng	99

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

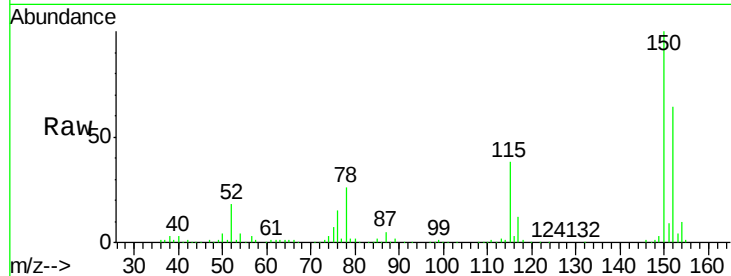


#1

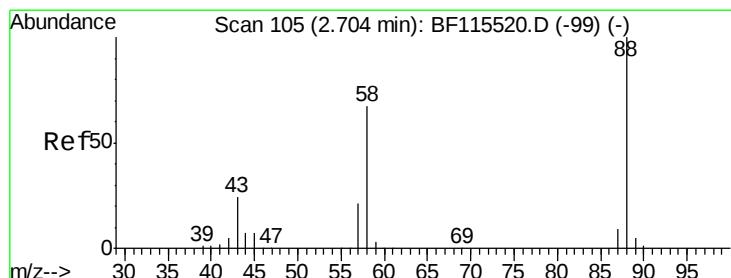
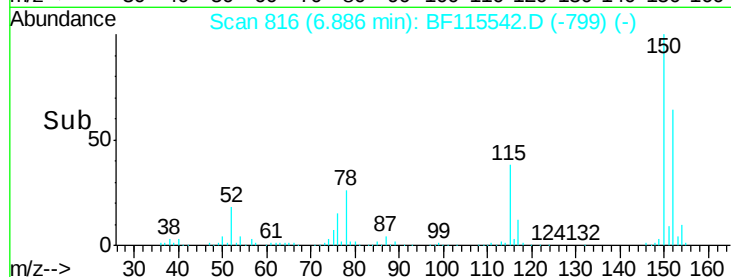
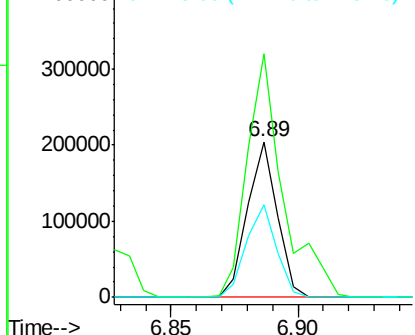
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. -0.00 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 168246
Ion Ratio Lower Upper
152 100
150 156.4 129.7 194.5
115 59.5 48.2 72.4



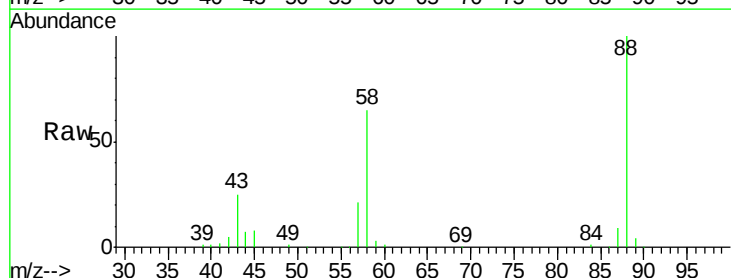
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



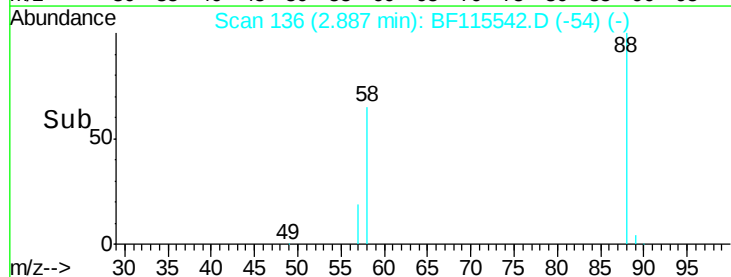
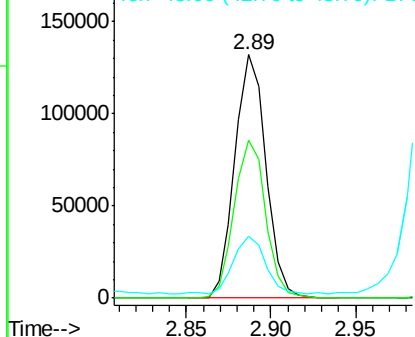
#2

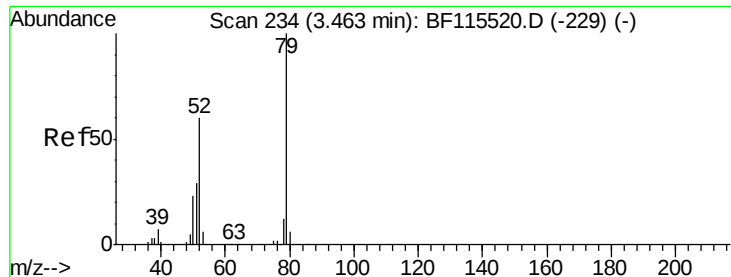
1,4-Dioxane
Concen: 33.118 ng
RT: 2.89 min Scan# 136
Delta R.T. 0.18 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt Ion: 88 Resp: 169919
Ion Ratio Lower Upper
88 100
58 66.0 52.6 79.0
43 0.0 19.1 28.7#



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 25.850 ng

RT: 3.58 min Scan# 254

Delta R.T. 0.12 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

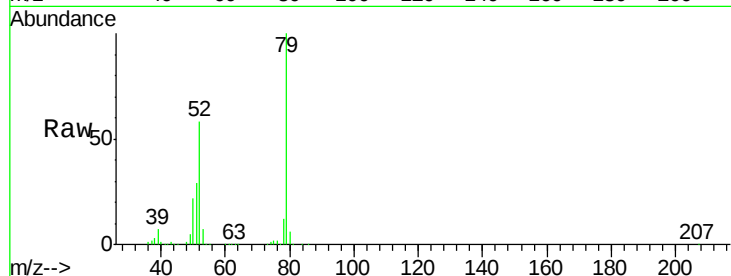
Tot Ion: 79 Resp: 359840

Ion Ratio Lower Upper

79 100

52 57.9 47.8 71.6

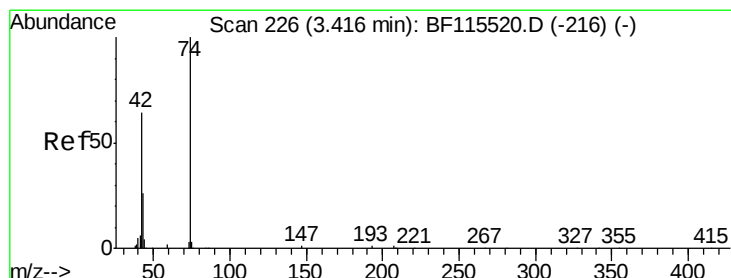
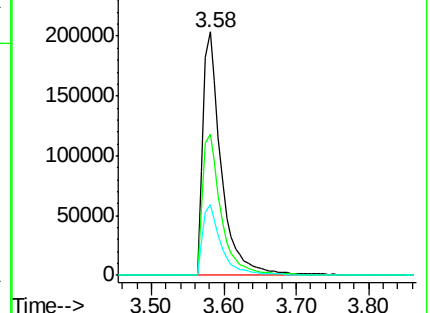
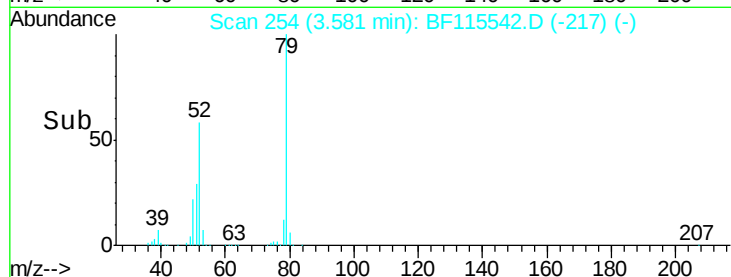
51 29.0 23.8 35.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 35.750 ng

RT: 3.51 min Scan# 242

Delta R.T. 0.09 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

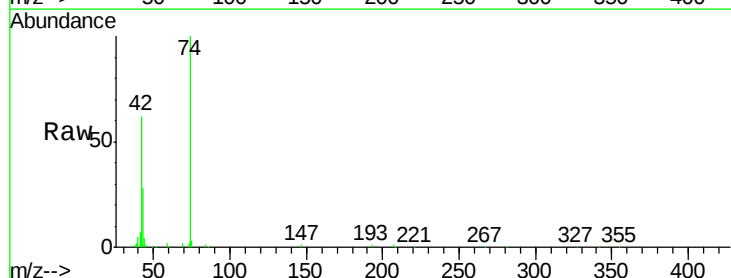
Tgt Ion: 42 Resp: 180537

Ion Ratio Lower Upper

42 100

74 160.5 127.5 191.3

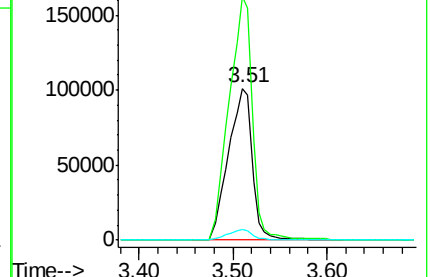
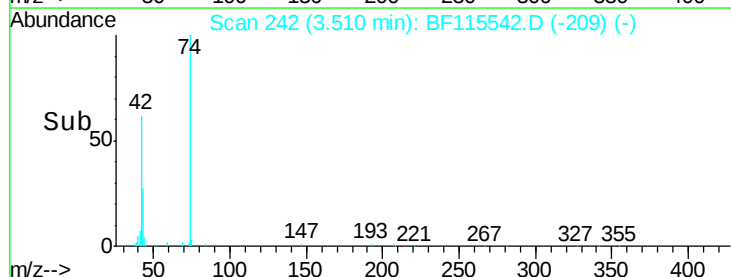
44 6.7 5.0 7.6

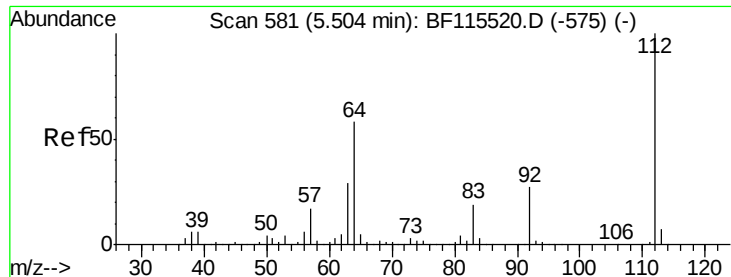


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 105.956 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.02 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

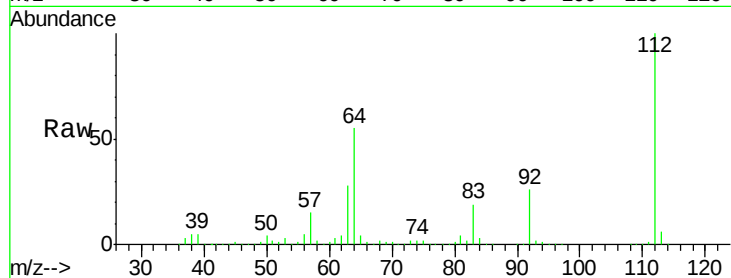
Tot Ion:112 Resp: 1089842

Ion Ratio Lower Upper

112 100

64 55.1 46.8 70.2

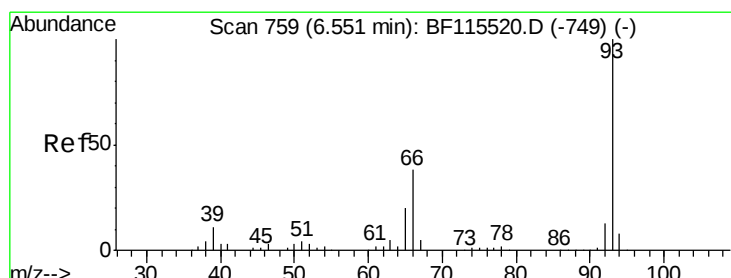
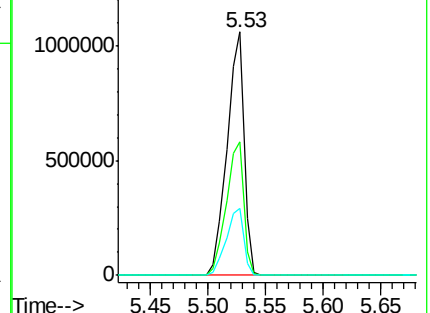
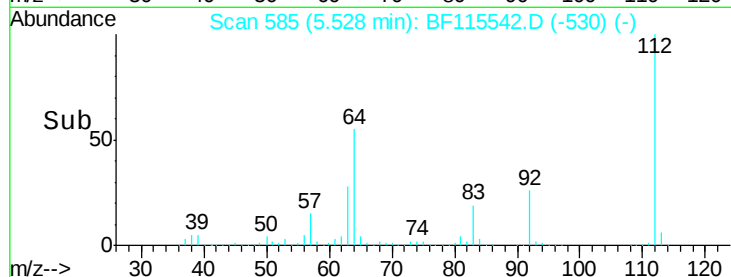
63 27.7 24.1 36.1



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: 8.733 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.00 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

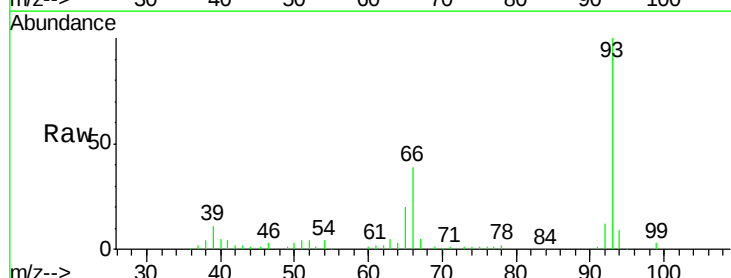
Tgt Ion: 93 Resp: 158612

Ion Ratio Lower Upper

93 100

66 38.7 31.7 47.5

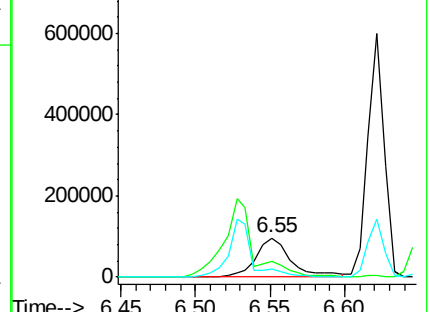
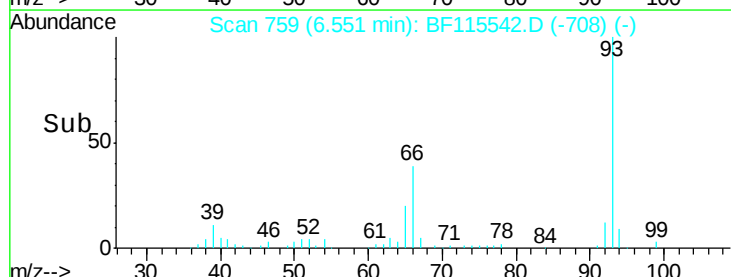
65 19.9 16.2 24.2

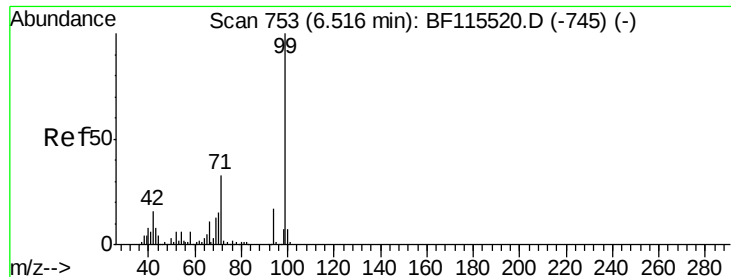


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 99.096 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.00 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampled :

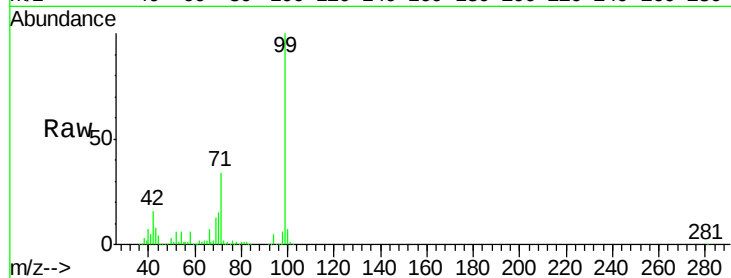
Tot Ion: 99 Resp: 1293354

Ion Ratio Lower Upper

99 100

42 16.1 13.6 20.4

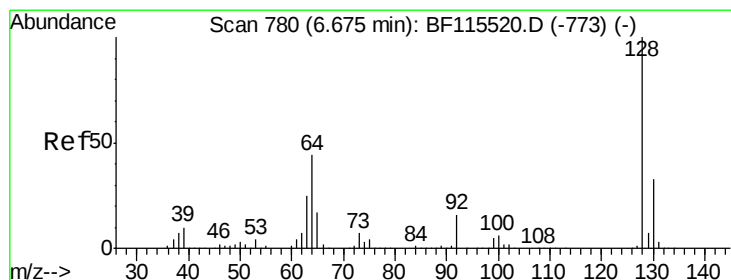
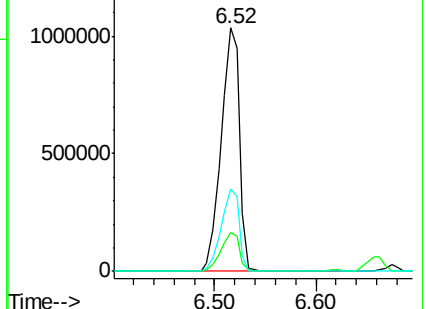
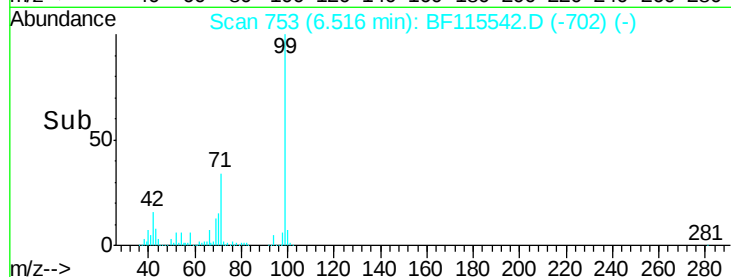
71 33.8 28.5 42.7



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: 39.612 ng

RT: 6.67 min Scan# 780

Delta R.T. -0.00 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

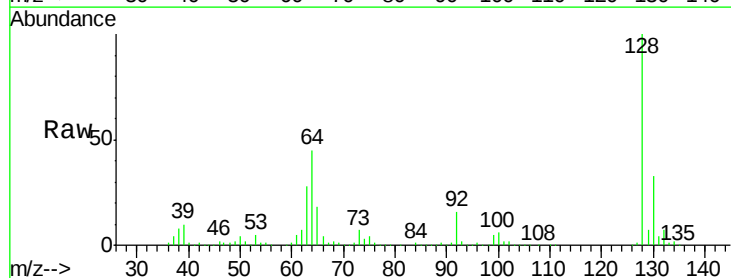
Tgt Ion: 128 Resp: 468449

Ion Ratio Lower Upper

128 100

130 32.5 12.8 52.8

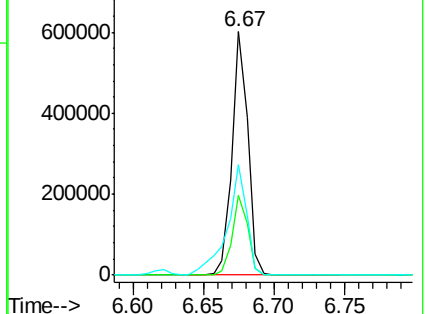
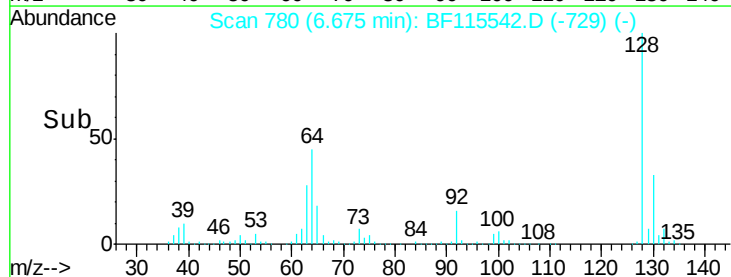
64 45.2 26.8 66.8

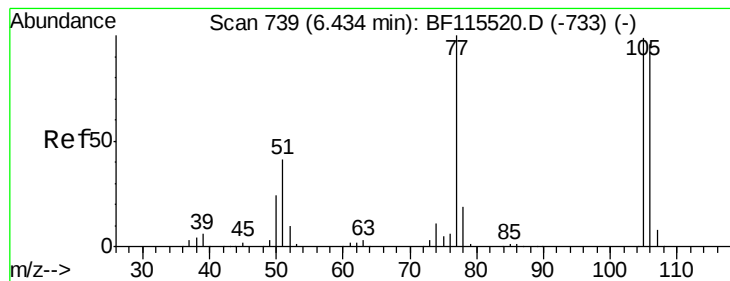


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 28.126 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

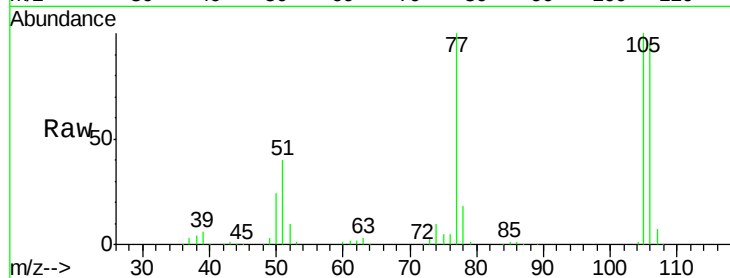
Tot Ion: 77 Resp: 229392

Ion Ratio Lower Upper

77 100

105 99.9 78.8 118.8

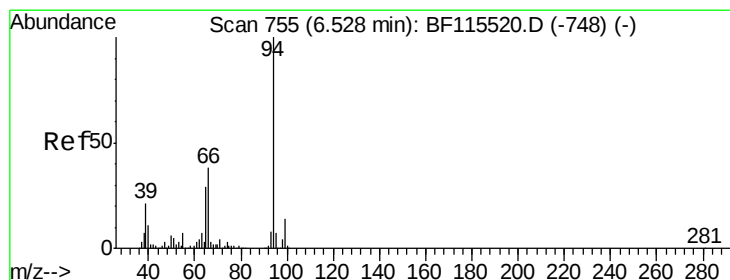
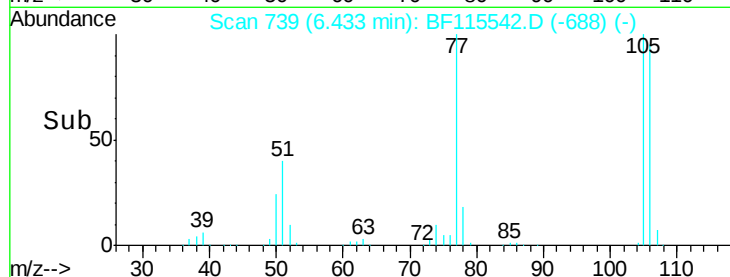
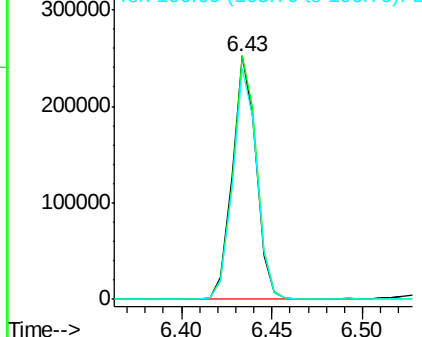
106 94.6 75.6 115.6



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: 30.926 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

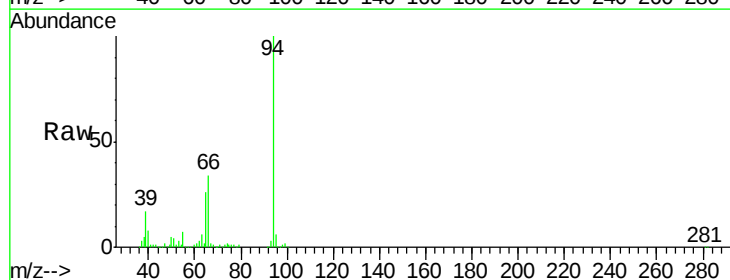
Tgt Ion: 94 Resp: 468553

Ion Ratio Lower Upper

94 100

65 25.5 14.5 54.5

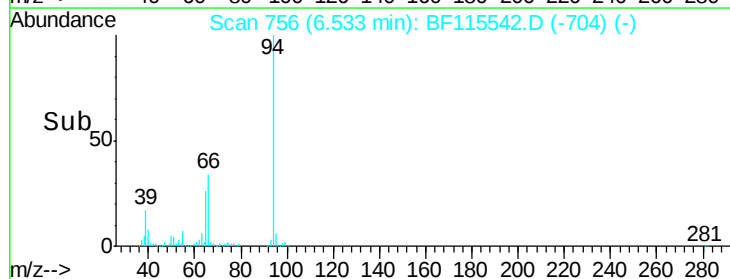
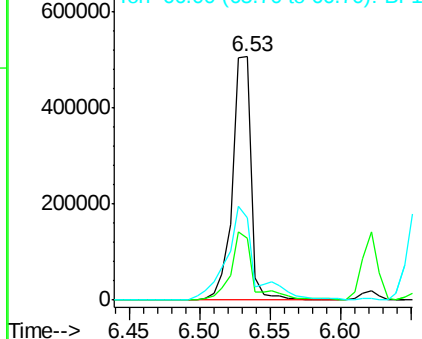
66 33.6 31.3 71.3

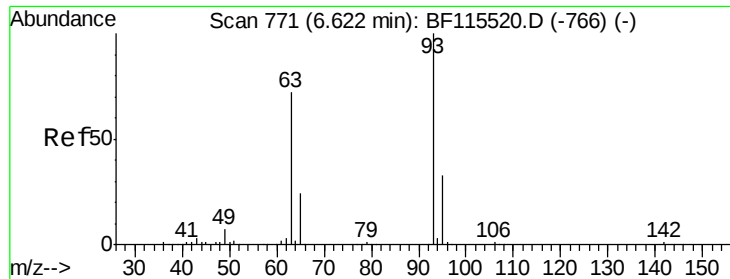


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

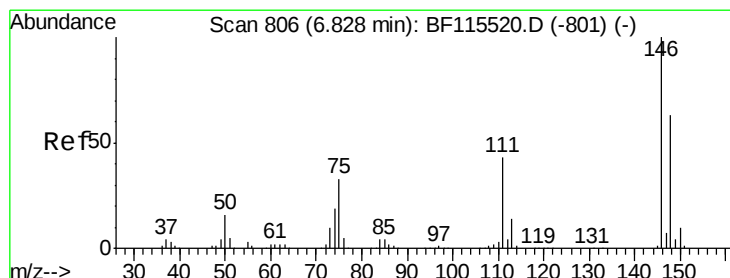
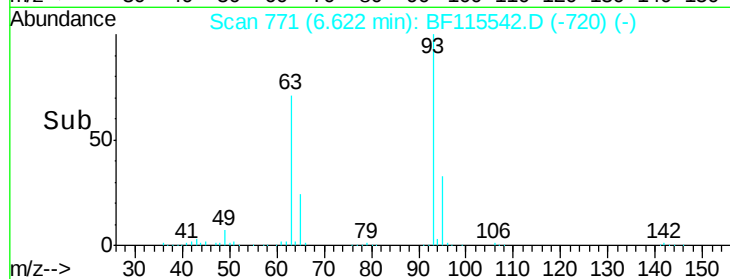
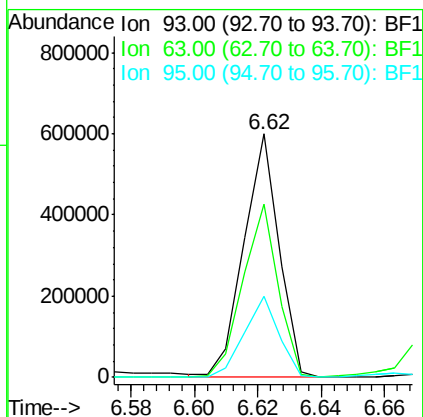
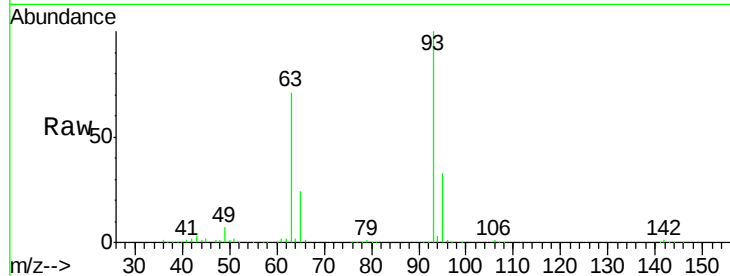




#11
bis(2-Chloroethyl)ether
Concen: 39.859 ng
RT: 6.62 min Scan# 771
Delta R.T. -0.00 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

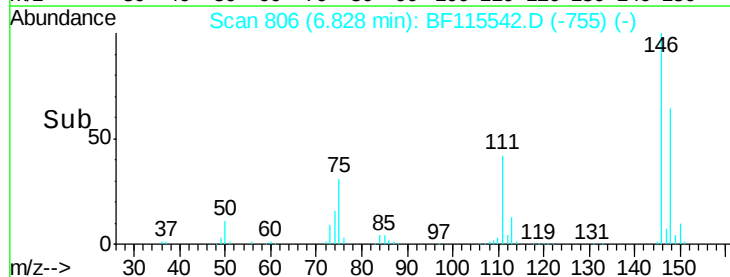
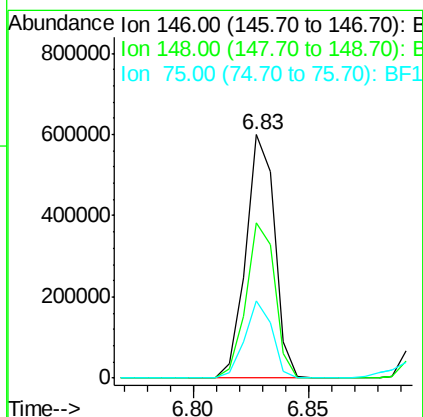
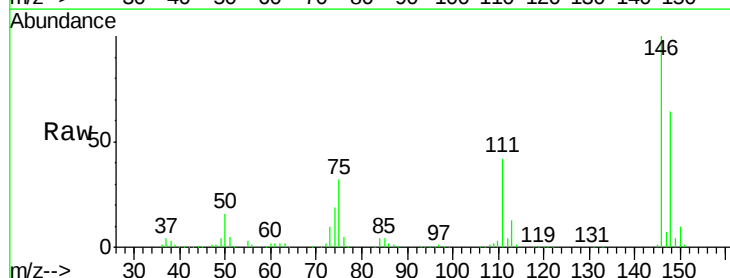
Instrument :
BNA_F
ClientSampleId :

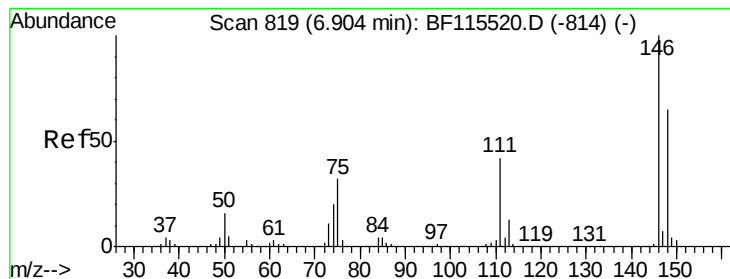
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.4	52.2	92.2
95	33.0	12.9	52.9



#12
1,3-Dichlorobenzene
Concen: 39.418 ng
RT: 6.83 min Scan# 806
Delta R.T. -0.00 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.7	52.1	78.1
75	31.6	24.9	37.3





#13

1,4-Dichlorobenzene

Concen: 39.653 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

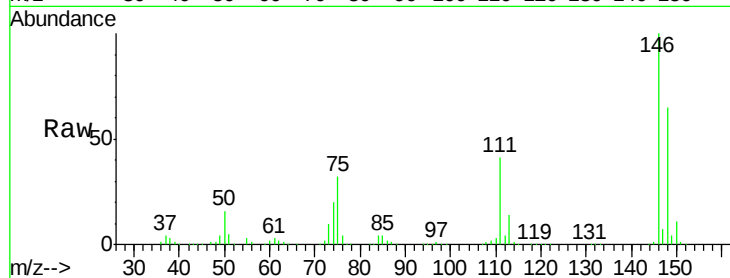
Tot Ion:146 Resp: 526039

Ion Ratio Lower Upper

146 100

148 65.4 51.8 77.6

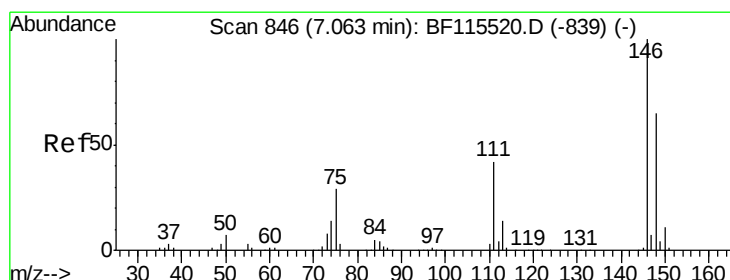
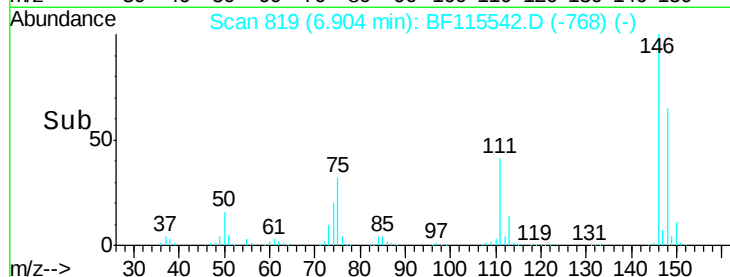
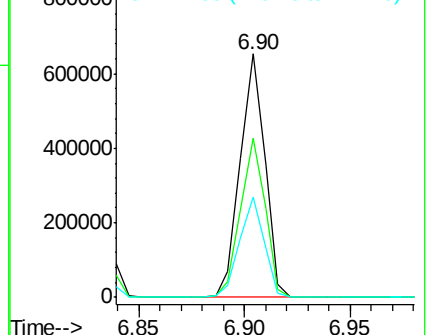
111 41.4 35.5 53.3



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: 40.672 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

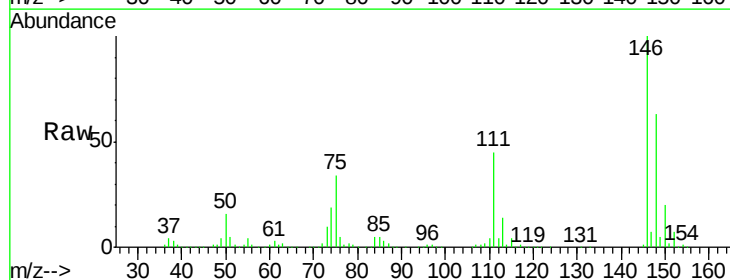
Tgt Ion:146 Resp: 493224

Ion Ratio Lower Upper

146 100

148 63.1 51.1 76.7

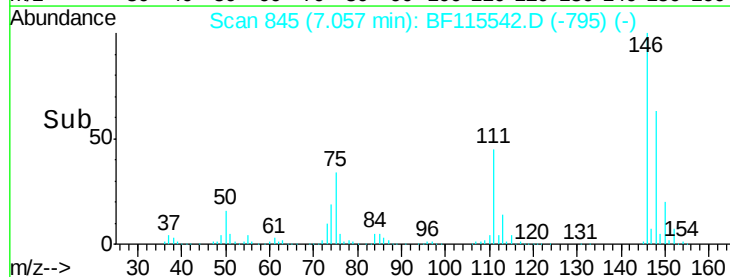
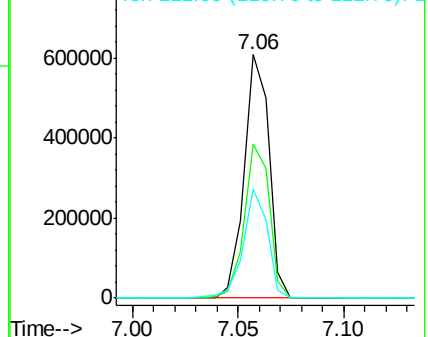
111 44.7 37.6 56.4

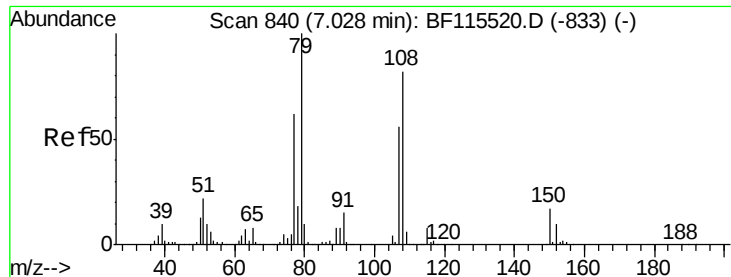


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 41.005 ng

RT: 7.02 min Scan# 839

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

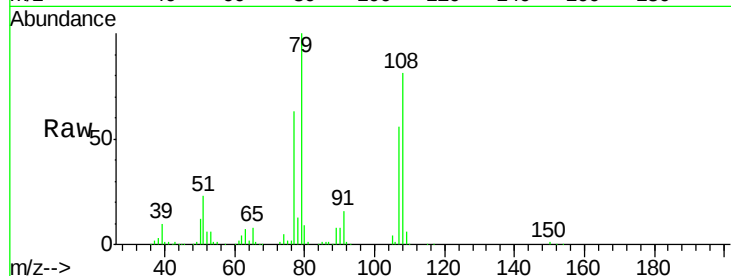
Tot Ion: 79 Resp: 424548

Ion Ratio Lower Upper

79 100

108 80.6 64.2 96.4

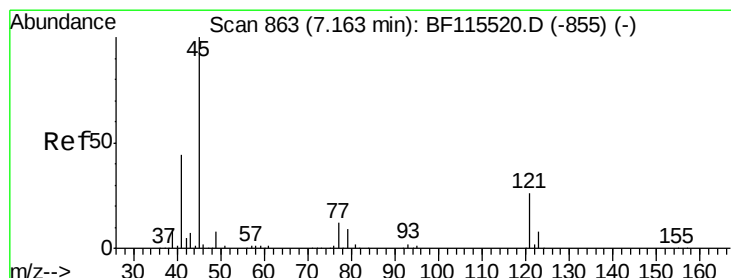
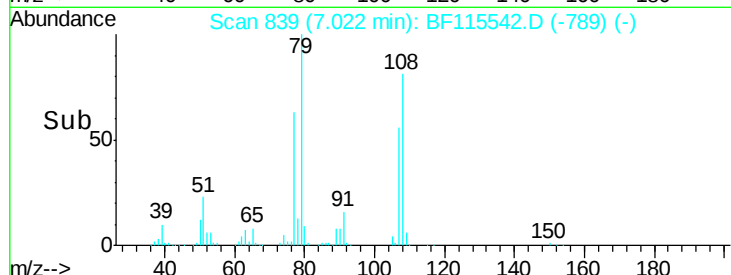
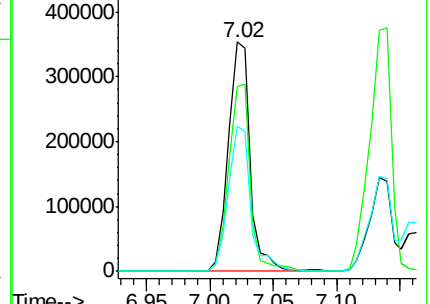
77 63.4 51.8 77.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 40.003 ng

RT: 7.16 min Scan# 862

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

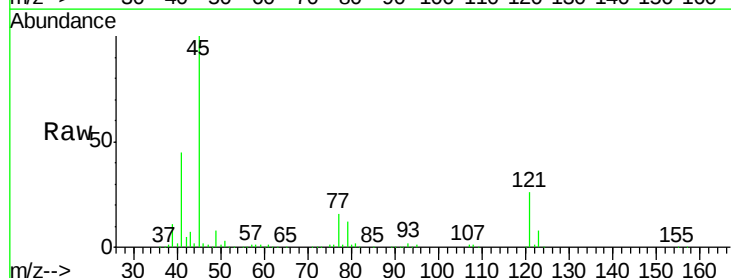
Tgt Ion: 45 Resp: 607512

Ion Ratio Lower Upper

45 100

77 16.3 0.0 38.1

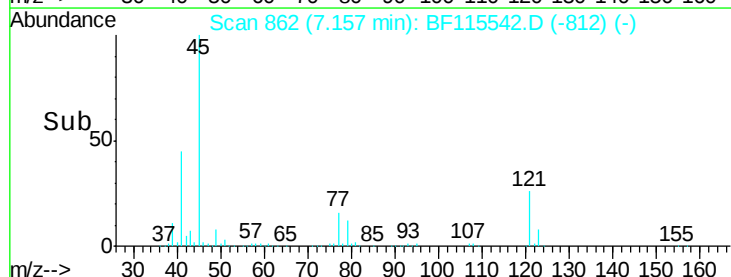
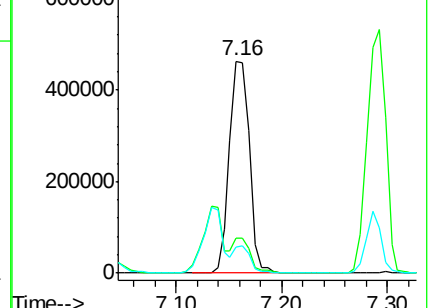
79 12.3 0.0 34.1

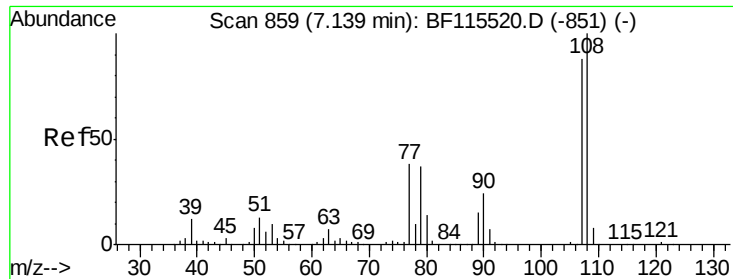


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

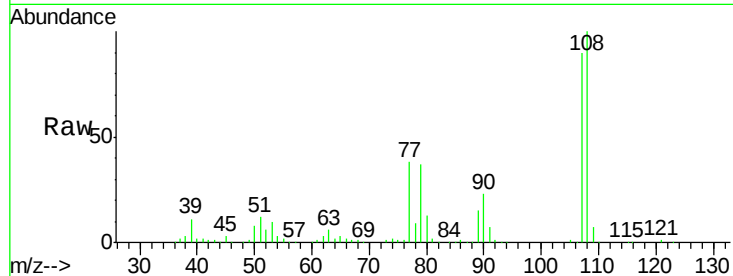




#17
2-Methylphenol
Concen: 38.797 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.00 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.6	89.4	134.2
77	42.4	35.7	53.5
79	41.2	35.0	52.4



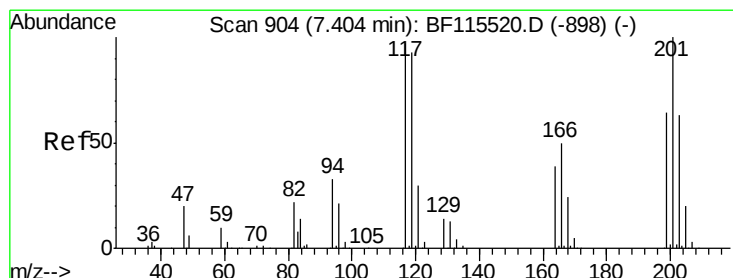
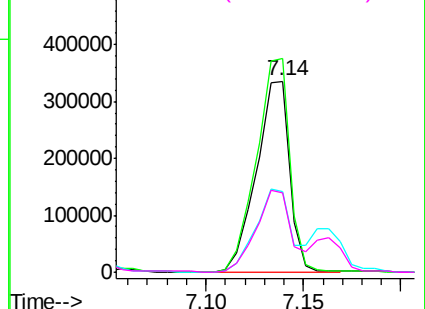
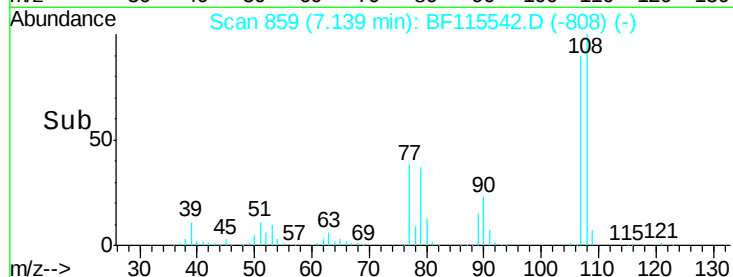
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

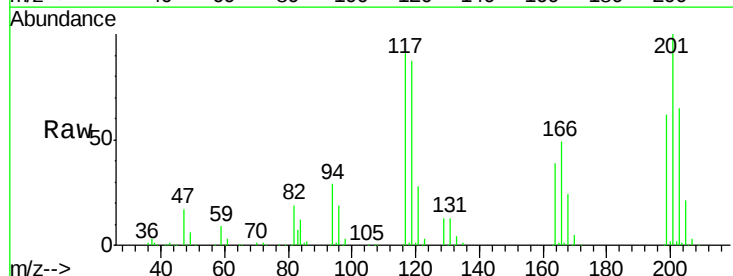
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 37.637 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.00 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.0	77.7	116.5
201	110.4	86.0	129.0

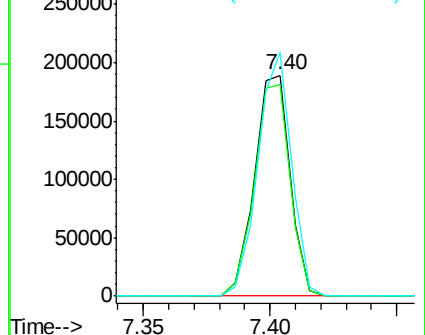
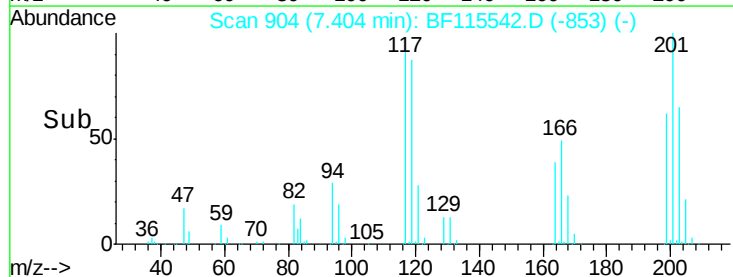


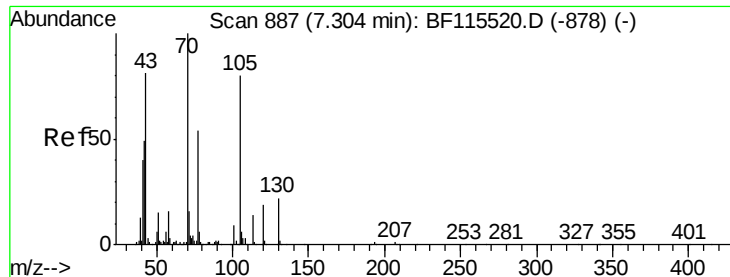
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

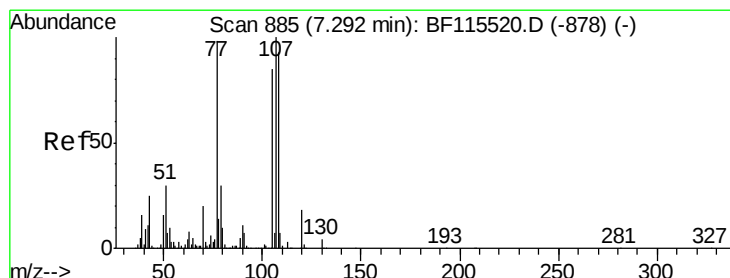
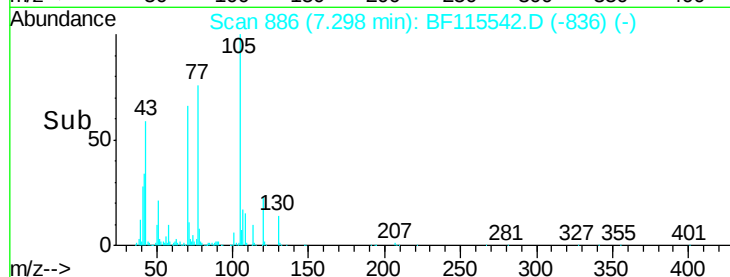
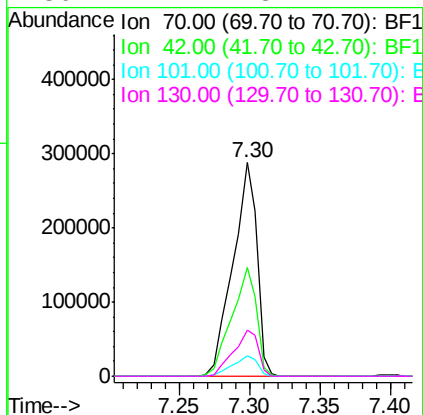
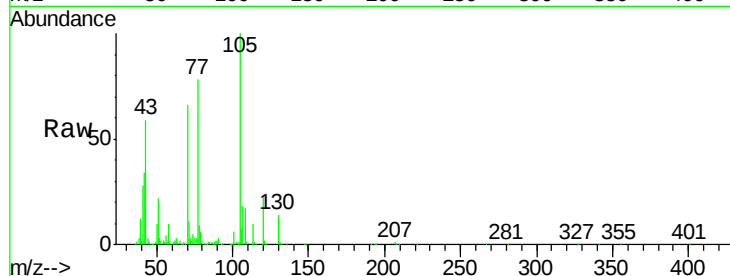




#19
n-Nitroso-di-n-propylamine
Concen: 39.975 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

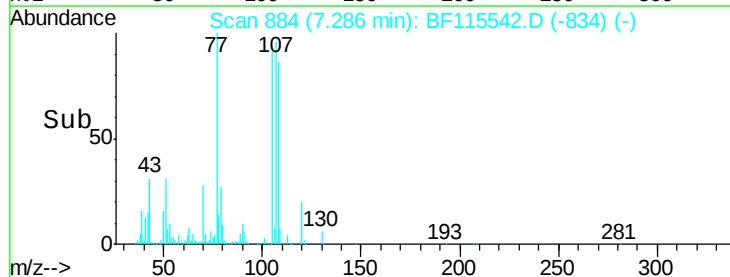
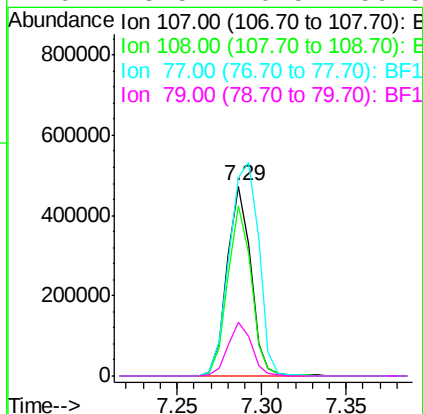
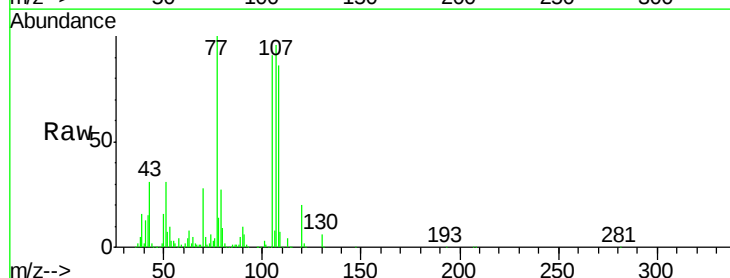
Instrument :
BNA_F
ClientSampleId :

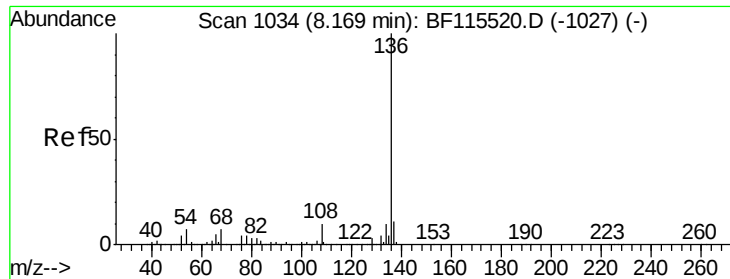
Tot Ion:	70	Resp:	340267
Ion	Ratio	Lower	Upper
70	100		
42	51.1	39.6	59.4
101	9.4	8.1	12.1
130	21.7	18.2	27.2



#20
3+4-Methylphenols
Concen: 38.058 ng
RT: 7.29 min Scan# 884
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt Ion:	107	Resp:	460706
Ion	Ratio	Lower	Upper
107	100		
108	89.6	72.9	112.9
77	104.5	77.6	117.6
79	28.5	10.5	50.5

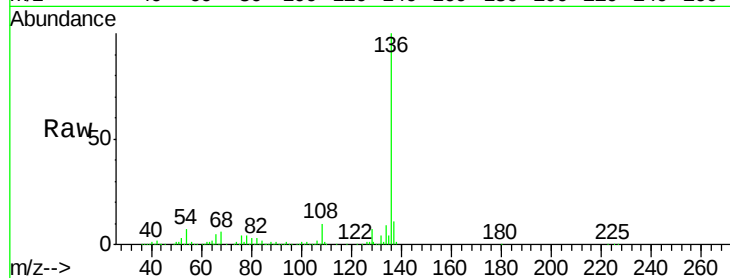




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. -0.00 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 638013
Ion Ratio	Lower Upper
136 100	
137 10.8	9.0 13.4
54 6.5	5.6 8.4
68 5.9	5.0 7.6

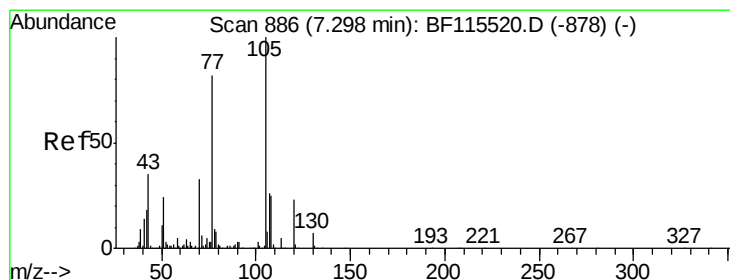
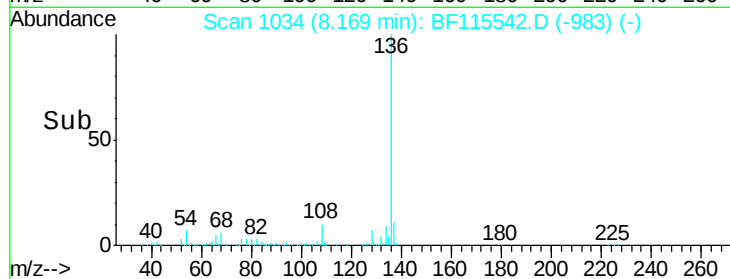
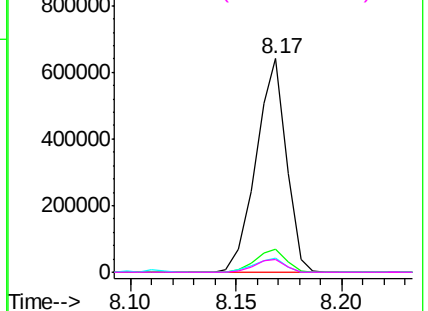


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

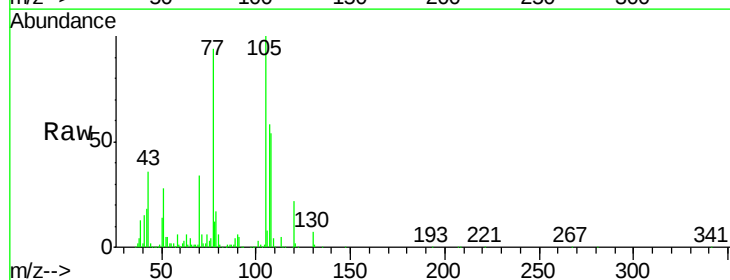
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 46.090 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt	Ion:105	Resp:	664325
Ion	Ratio	Lower	Upper
105	100		
71	5.5	3.5	5.3#
51	28.4	25.6	38.4
120	22.3	17.9	26.9

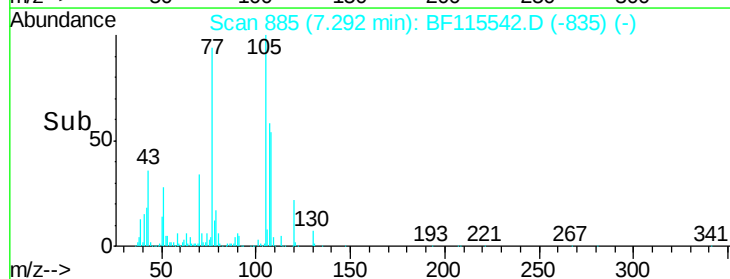
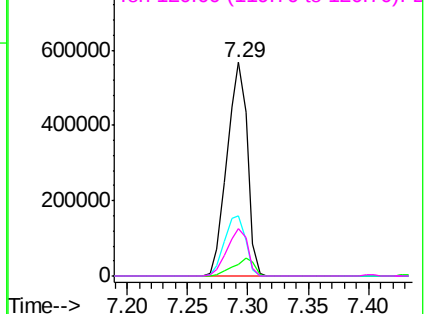


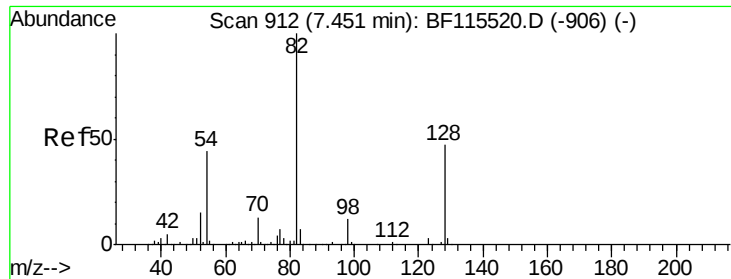
Abundance Ion 105.00 (104.70 to 105.70): E

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

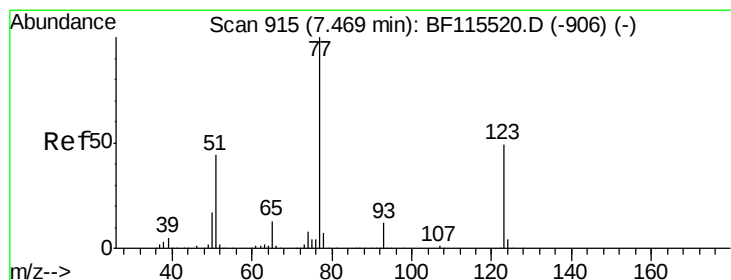
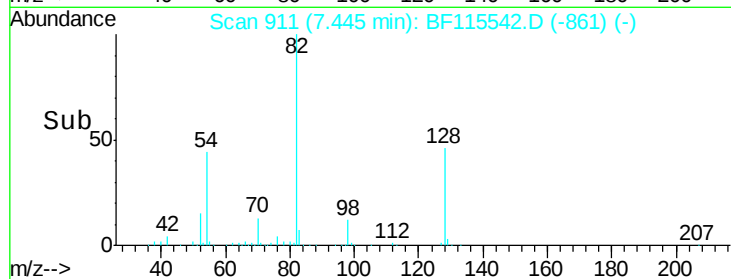
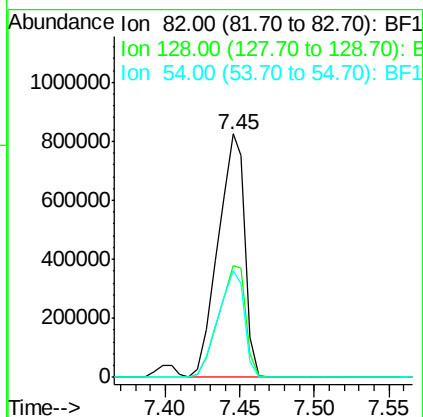
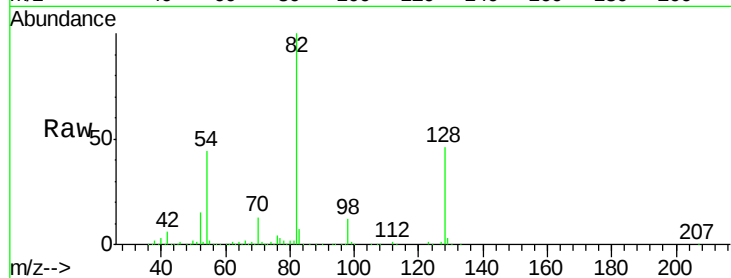




#23
Nitrobenzene-d5
Concen: 94.127 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

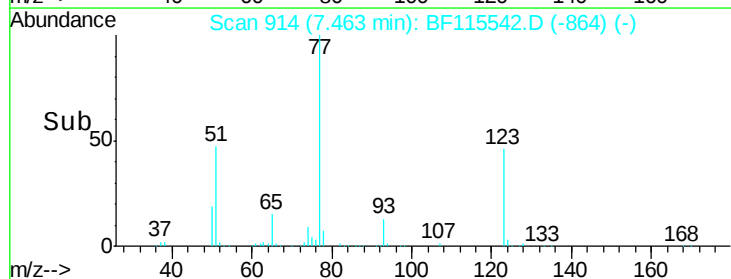
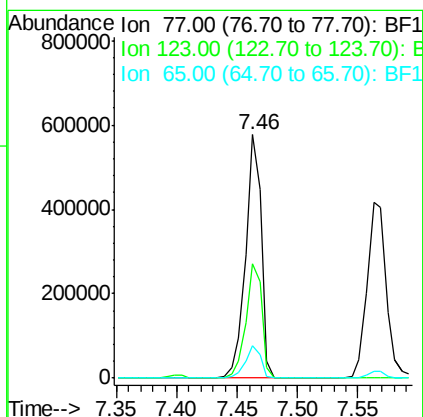
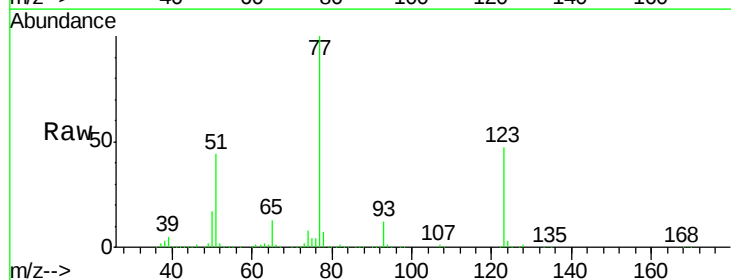
Instrument :
BNA_F
ClientSampleId :

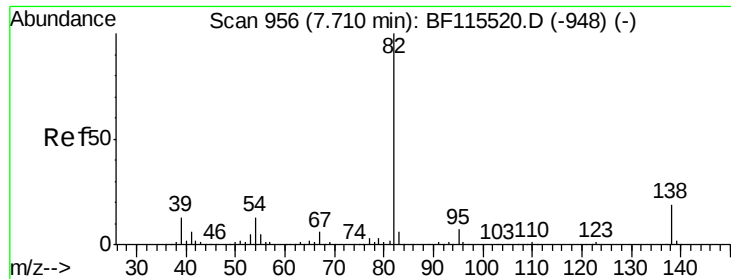
Tot Ion: 82 Resp: 1032807
Ion Ratio Lower Upper
82 100
128 46.1 38.6 57.8
54 43.8 35.6 53.4



#24
Nitrobenzene
Concen: 44.376 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt Ion: 77 Resp: 525179
Ion Ratio Lower Upper
77 100
123 46.9 40.0 60.0
65 13.2 11.0 16.4





#25

Isophorone

Concen: 43.851 ng

RT: 7.70 min Scan# 955

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampled :

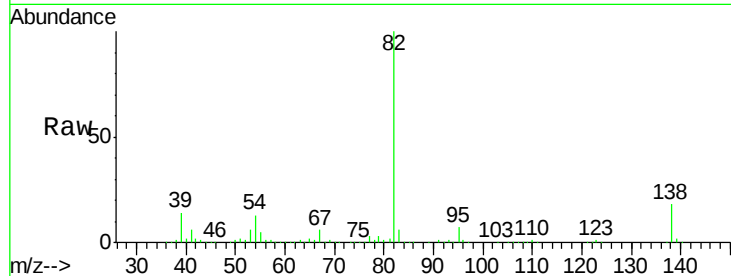
Tot Ion: 82 Resp: 962804

Ion Ratio Lower Upper

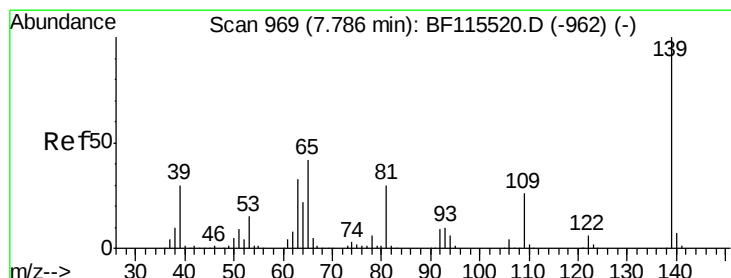
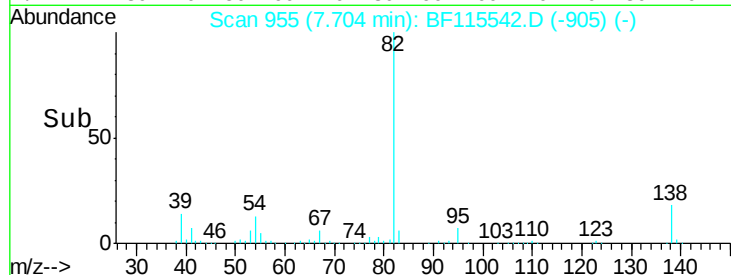
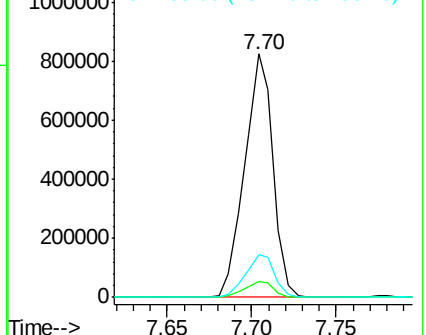
82 100

95 6.7 5.5 8.3

138 17.6 14.9 22.3



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 43.209 ng

RT: 7.78 min Scan# 968

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

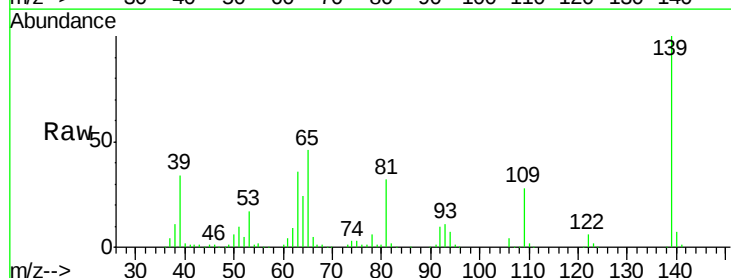
Tgt Ion: 139 Resp: 263210

Ion Ratio Lower Upper

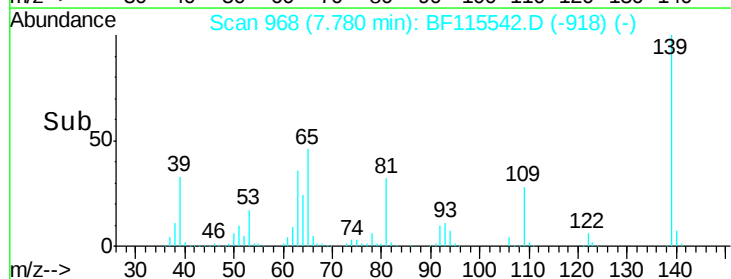
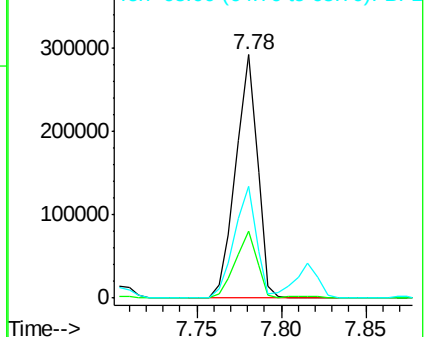
139 100

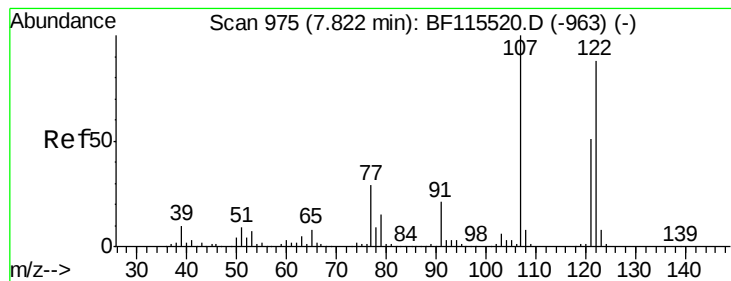
109 27.6 23.3 34.9

65 46.1 37.9 56.9



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





#27

2,4-Dimethylphenol

Concen: 48.978 ng

RT: 7.82 min Scan# 974

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

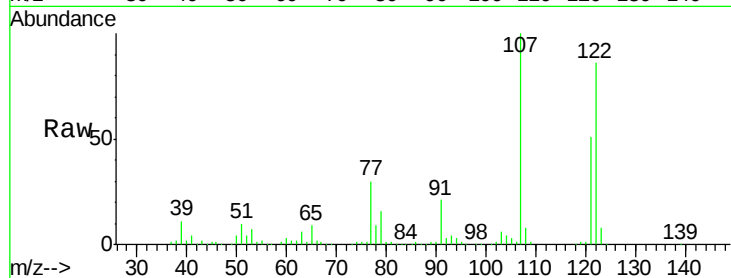
Tot Ion:122 Resp: 446405

Ion Ratio Lower Upper

122 100

107 115.8 92.9 139.3

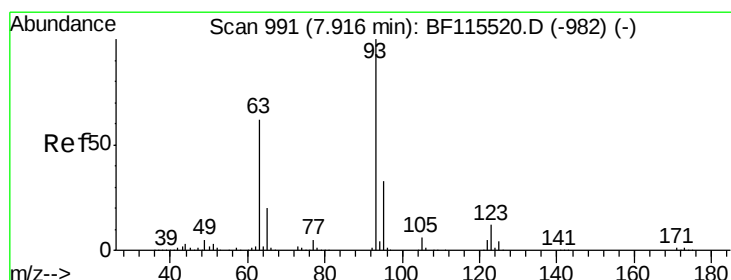
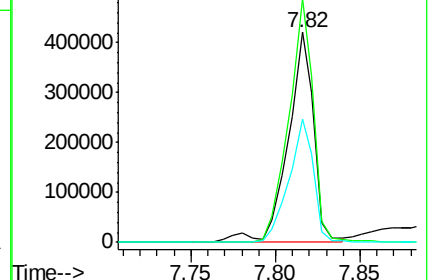
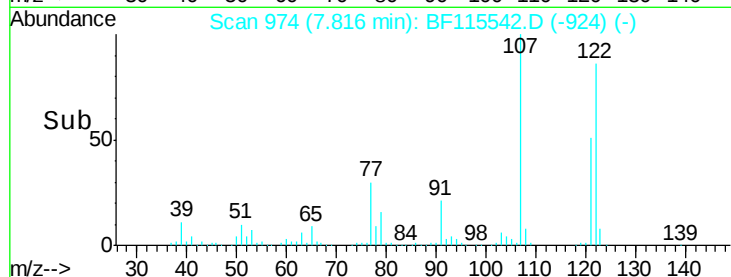
121 58.8 46.9 70.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.888 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.00 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

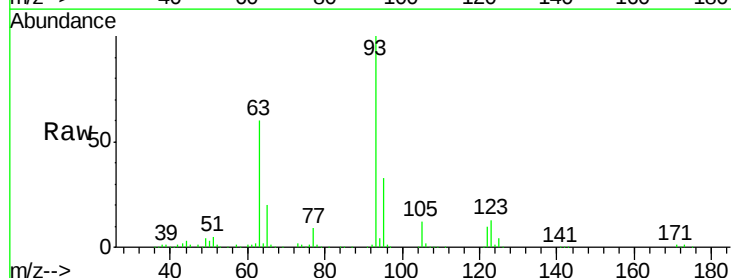
Tgt Ion: 93 Resp: 591153

Ion Ratio Lower Upper

93 100

95 32.7 27.0 40.4

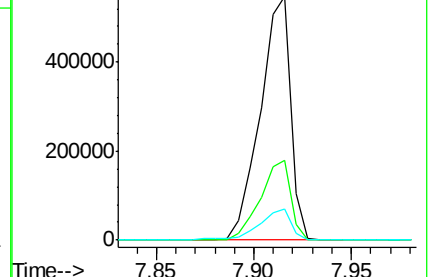
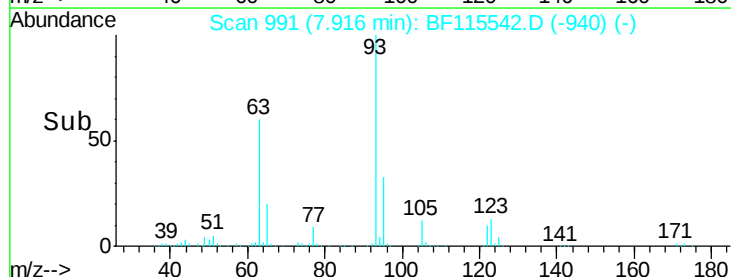
123 12.7 9.9 14.9

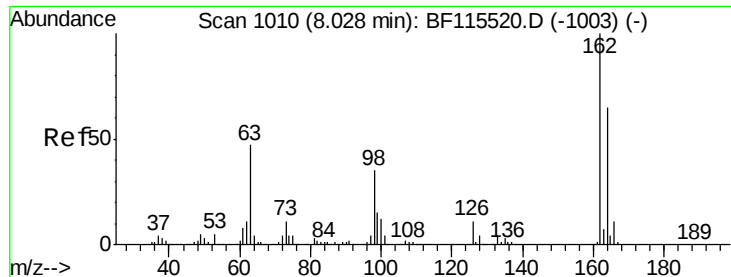


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

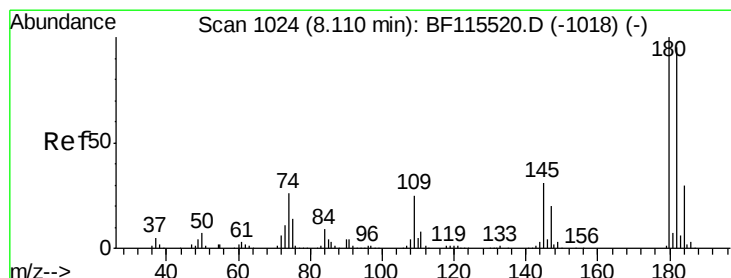
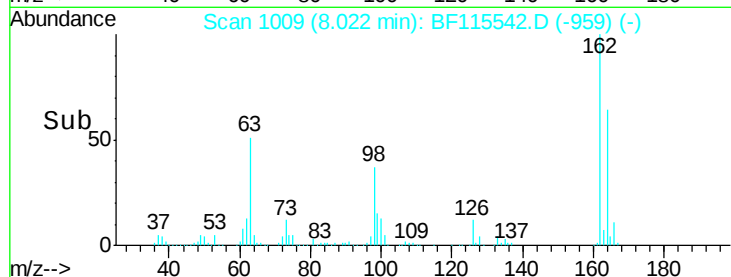
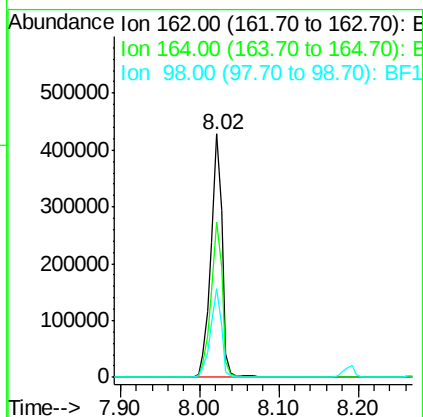
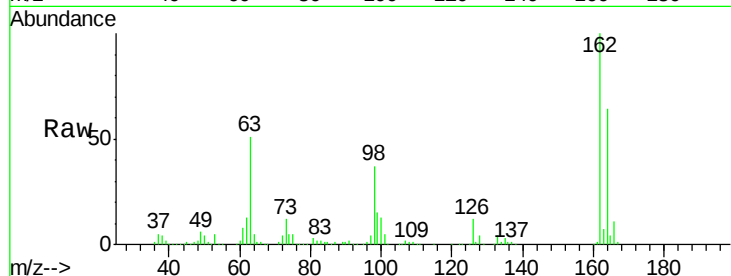




#29
 2,4-Dichlorophenol
 Concen: 44.388 ng
 RT: 8.02 min Scan# 1009
 Delta R.T. -0.01 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

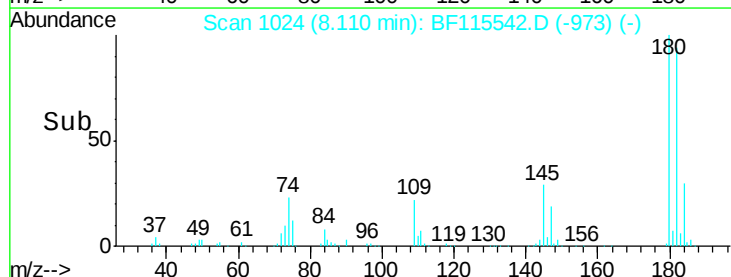
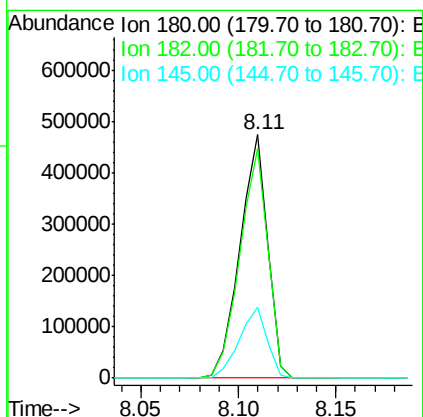
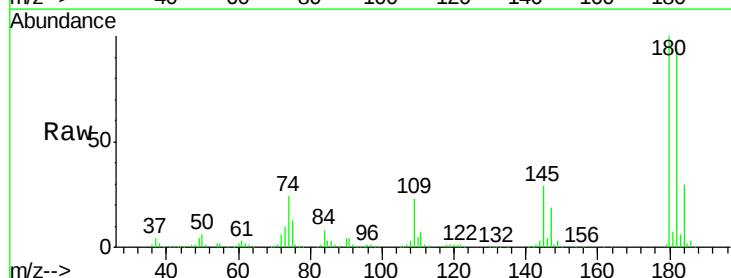
Instrument :
 BNA_F
 ClientSampleId :

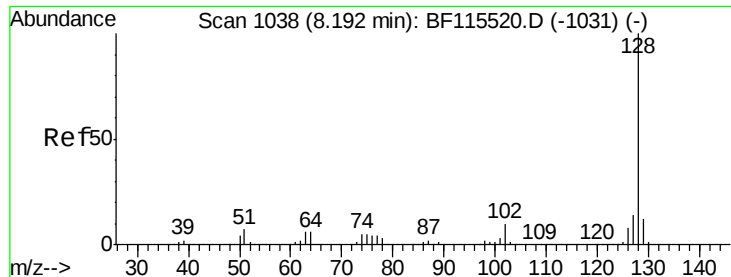
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.0	44.9	84.9
98	36.6	17.7	57.7



#30
 1,2,4-Trichlorobenzene
 Concen: 43.512 ng
 RT: 8.11 min Scan# 1024
 Delta R.T. -0.00 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.3	75.0	112.6
145	29.2	25.1	37.7





#31

Naphthalene

Concen: 45.605 ng

RT: 8.19 min Scan# 1038

Delta R.T. -0.00 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

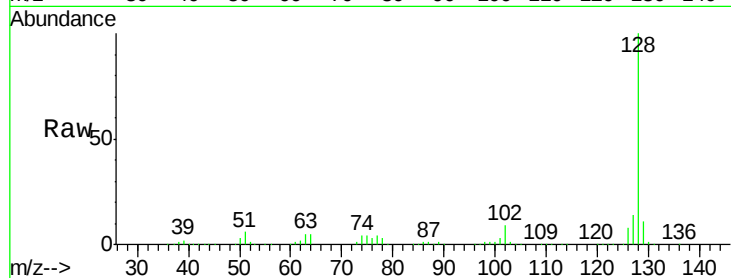
Tot Ion:128 Resp: 1409165

Ion Ratio Lower Upper

128 100

129 11.3 9.9 14.9

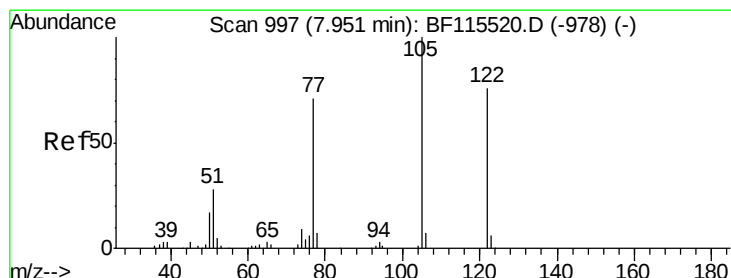
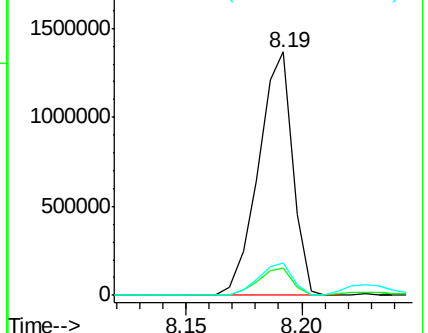
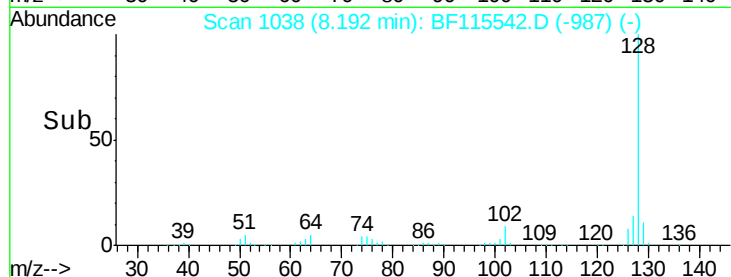
127 13.5 12.1 18.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 21.486 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.04 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

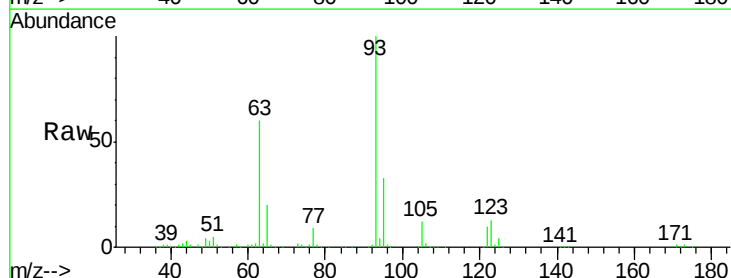
Tgt Ion:122 Resp: 160713

Ion Ratio Lower Upper

122 100

105 121.4 102.5 142.5

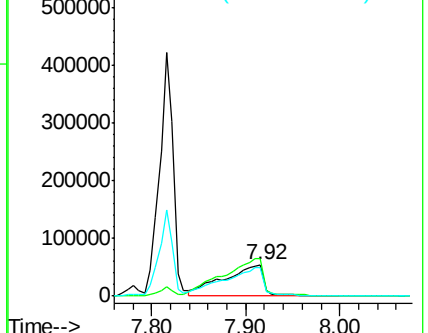
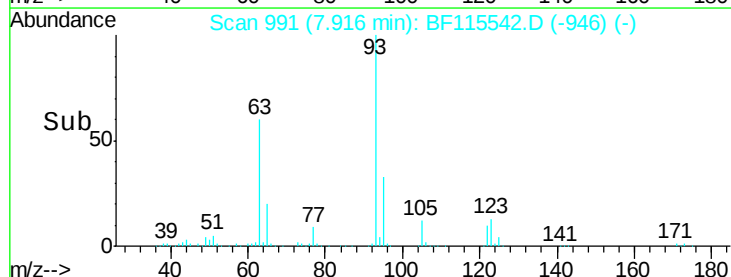
77 92.1 70.2 110.2

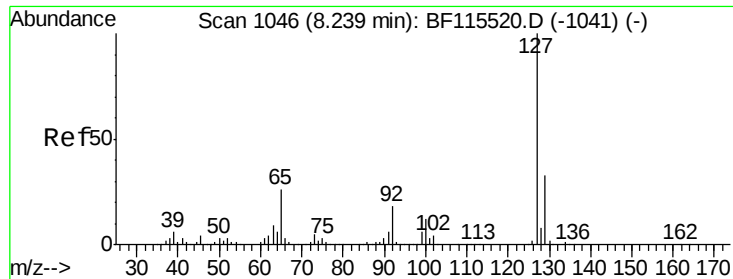


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

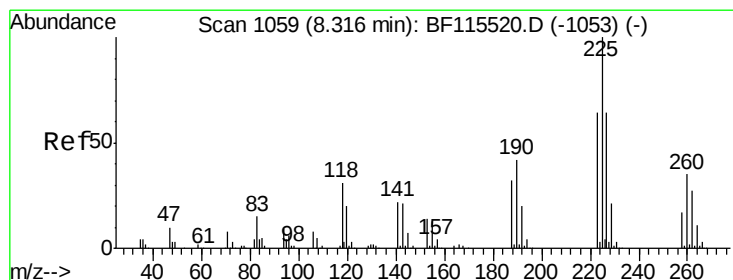
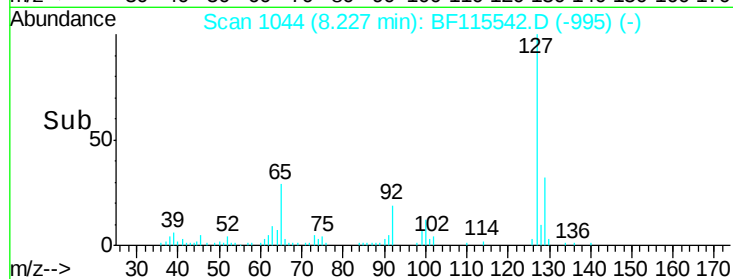
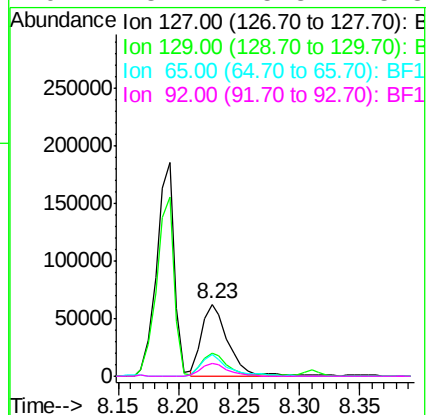
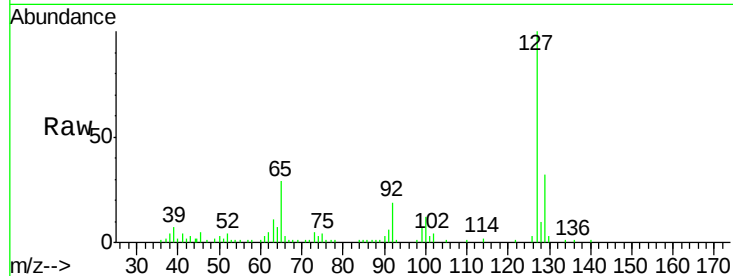




#33
4-Chloroaniline
Concen: 6.893 ng
RT: 8.23 min Scan# 1044
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

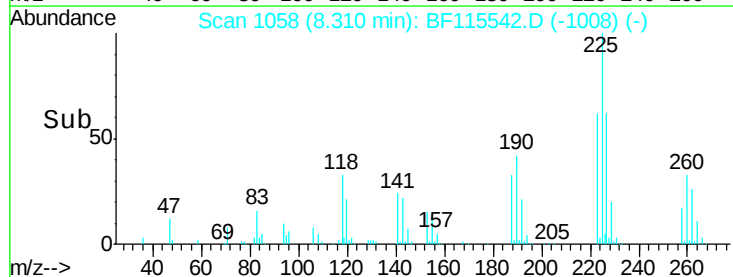
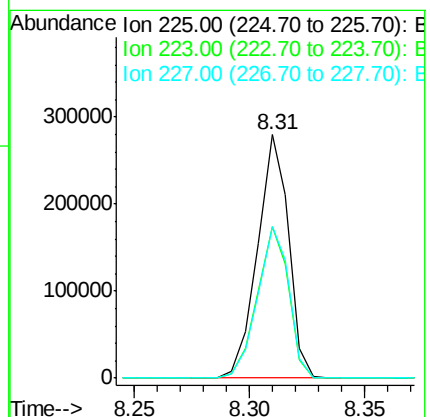
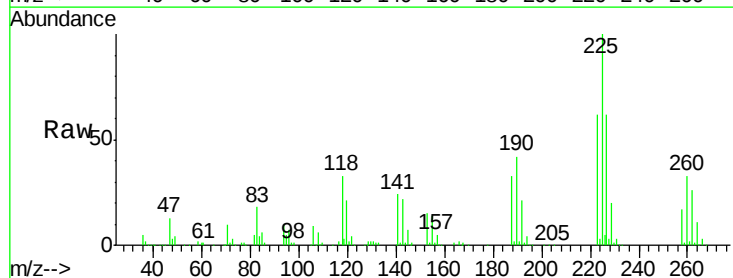
Instrument :
BNA_F
ClientSampleId :

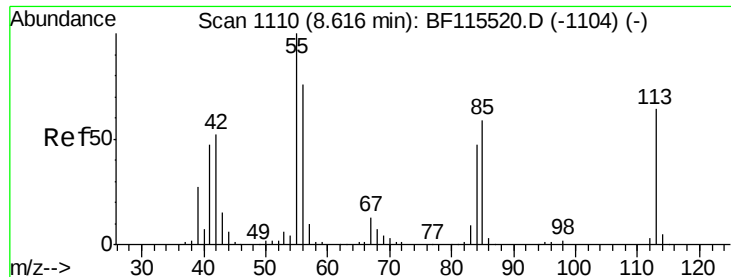
Tot Ion:	127	Resp:	94341
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.6	39.8
65	29.5	23.7	35.5
92	18.7	15.8	23.8



#34
Hexachlorobutadiene
Concen: 42.781 ng
RT: 8.31 min Scan# 1058
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt Ion:	225	Resp:	262868
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.9	76.3
227	62.3	50.7	76.1





#35

Caprolactam

Concen: 17.527 ng

RT: 8.60 min Scan# 1107

Delta R.T. -0.02 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

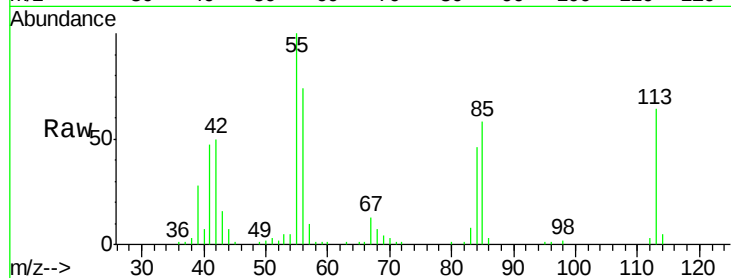
Tot Ion:113 Resp: 51340

Ion Ratio Lower Upper

113 100

55 156.3 126.9 166.9

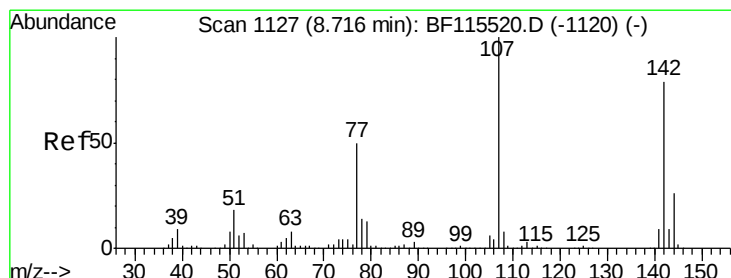
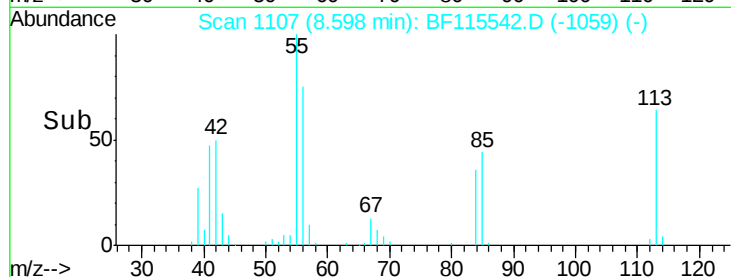
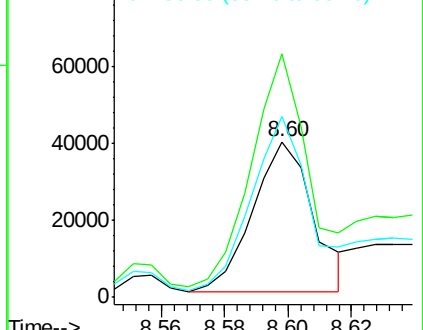
56 115.9 90.3 130.3



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: 44.111 ng

RT: 8.72 min Scan# 1127

Delta R.T. -0.00 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

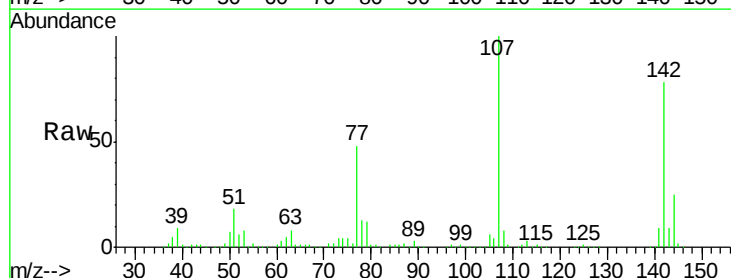
Tgt Ion:107 Resp: 433730

Ion Ratio Lower Upper

107 100

144 25.5 20.6 30.8

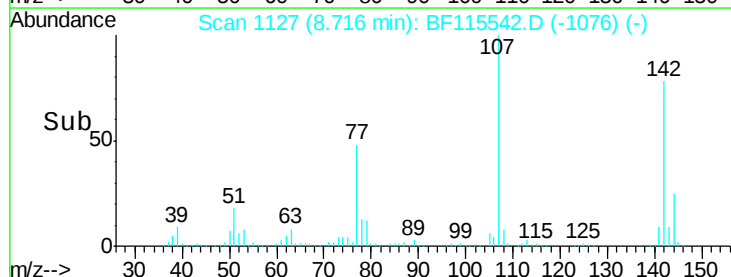
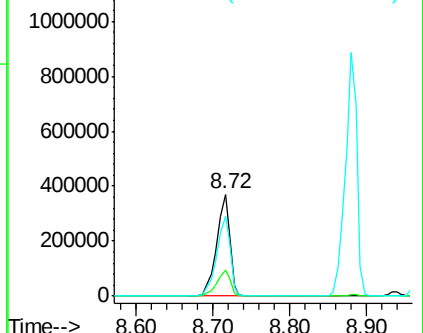
142 78.0 63.1 94.7

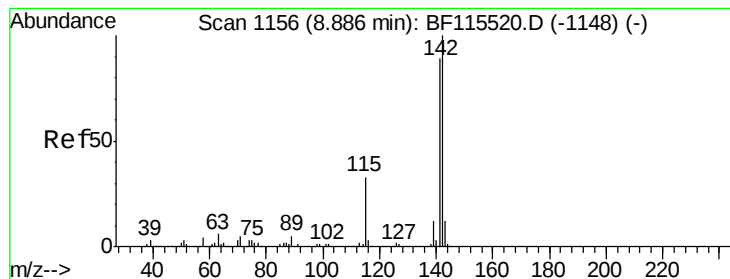


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 45.789 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

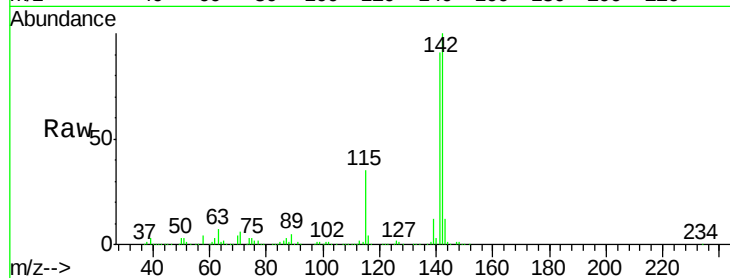
Tot Ion:142 Resp: 937860

Ion Ratio Lower Upper

142 100

141 90.8 72.0 108.0

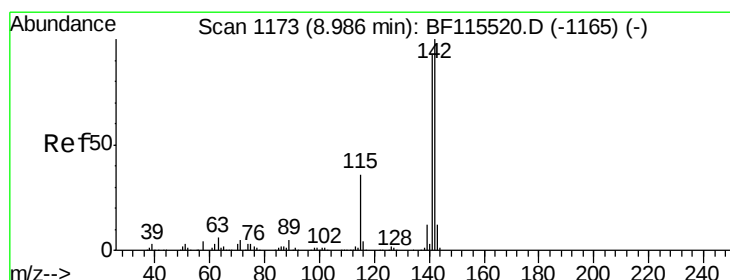
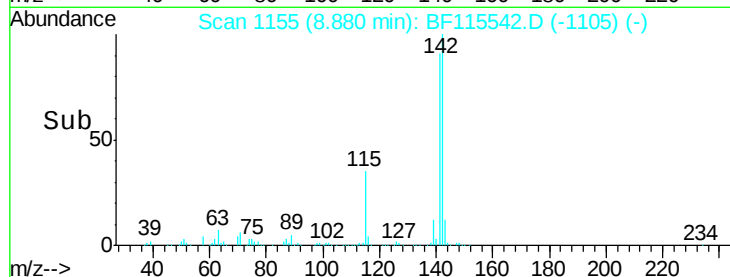
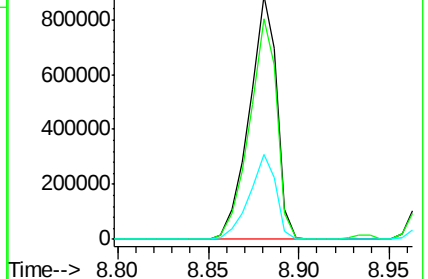
115 35.0 29.9 44.9



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: 45.875 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

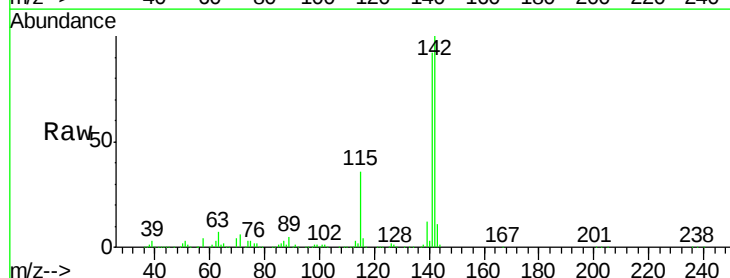
Tgt Ion:142 Resp: 892492

Ion Ratio Lower Upper

142 100

141 92.0 75.3 112.9

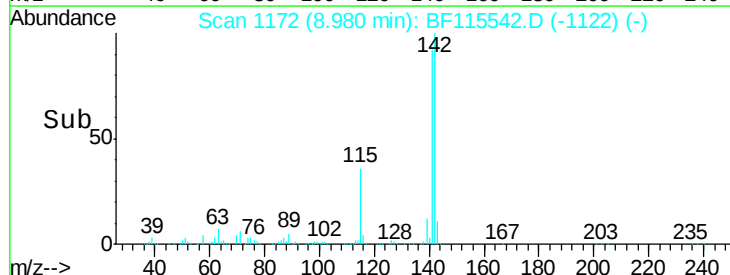
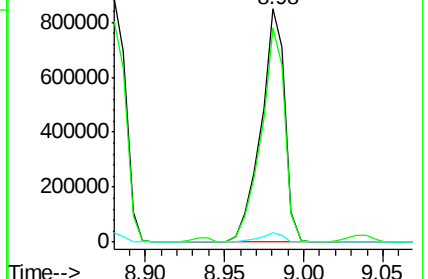
116 3.8 3.3 4.9

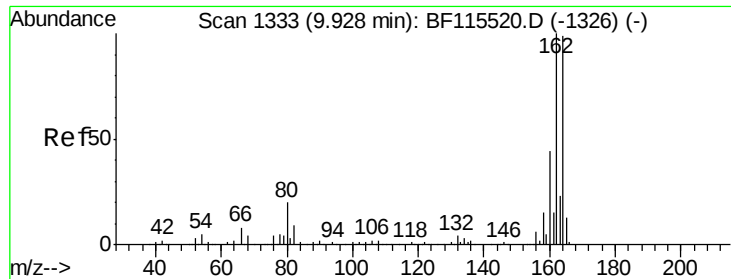


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.93 min Scan# 1333

Delta R.T. -0.00 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

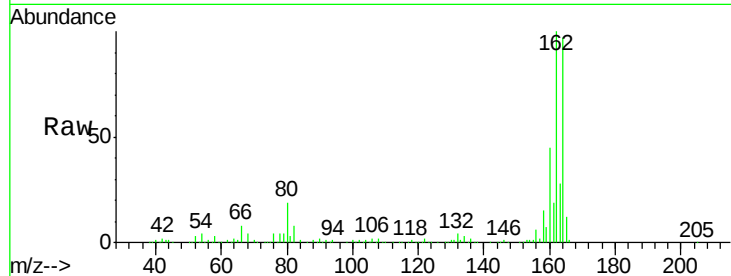
Tot Ion:164 Resp: 307498

Ion Ratio Lower Upper

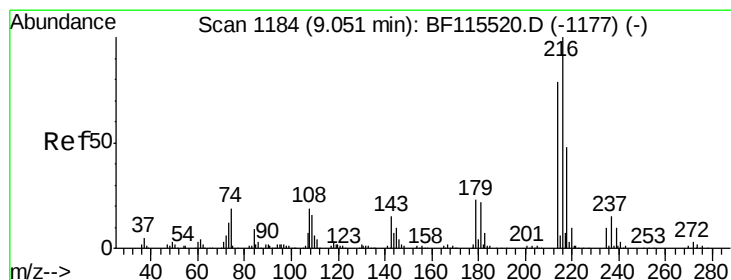
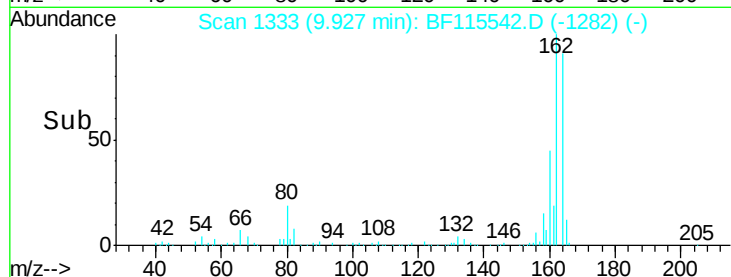
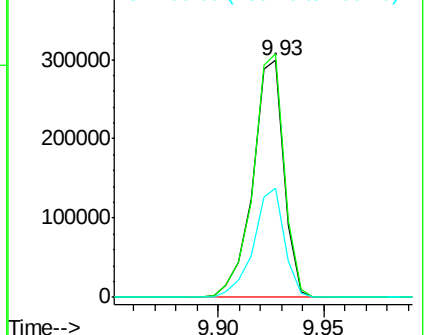
164 100

162 102.8 82.9 124.3

160 46.1 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: 46.988 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Tgt Ion:216 Resp: 435098

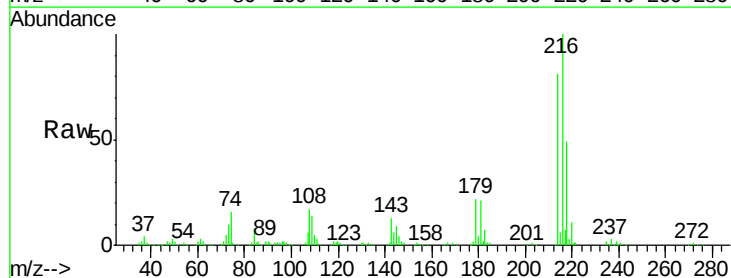
Ion Ratio Lower Upper

216 100

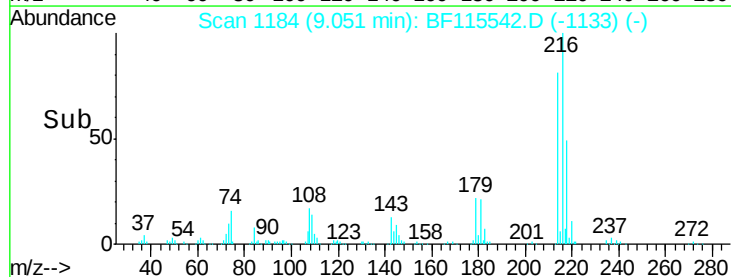
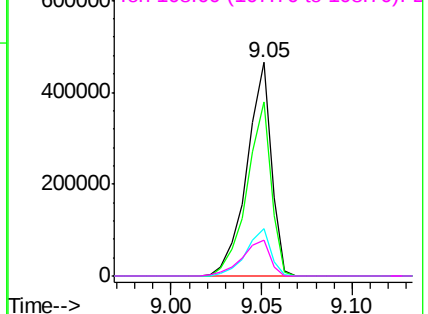
214 80.3 65.1 97.7

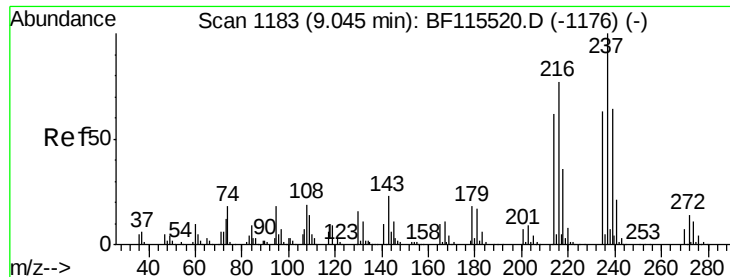
179 22.2 18.3 27.5

108 19.1 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: 45.569 ng

RT: 9.04 min Scan# 1182

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

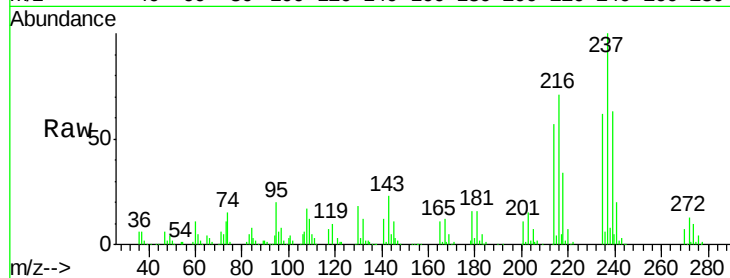
Tot Ion:237 Resp: 240705

Ion Ratio Lower Upper

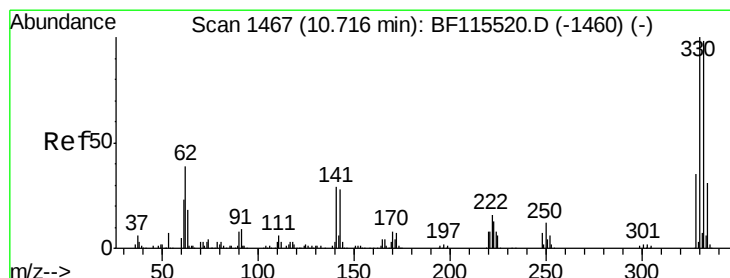
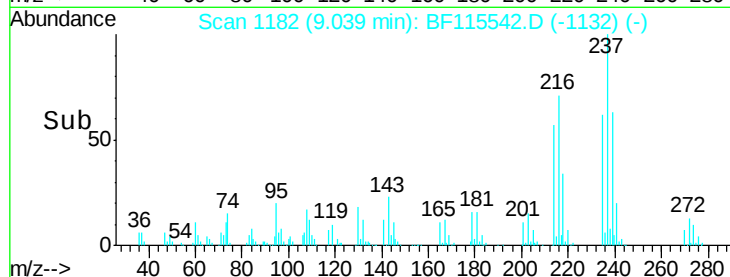
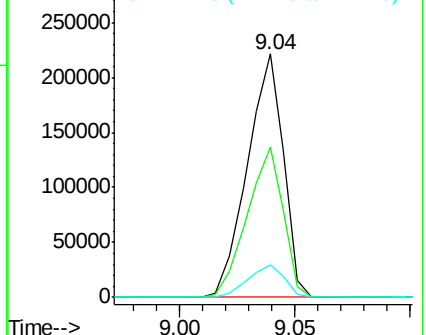
237 100

235 61.6 43.6 83.6

272 13.5 0.0 33.9



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



#42

2,4,6-Tribromophenol

Concen: 121.010 ng

RT: 10.72 min Scan# 1467

Delta R.T. -0.00 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

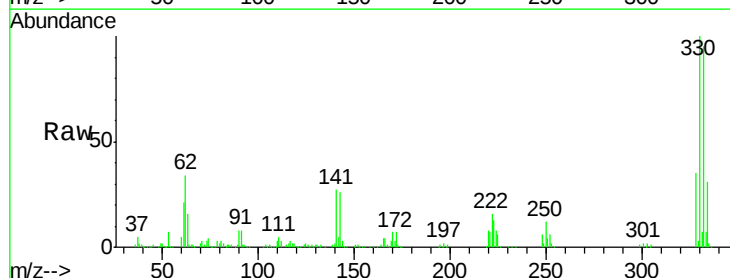
Tgt Ion:330 Resp: 434336

Ion Ratio Lower Upper

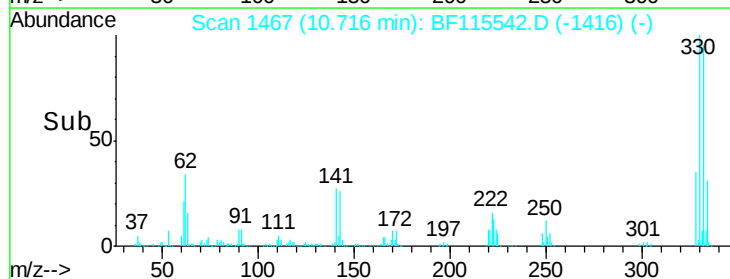
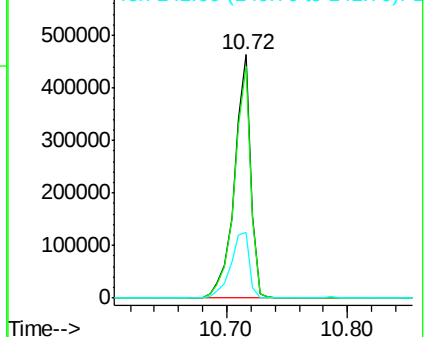
330 100

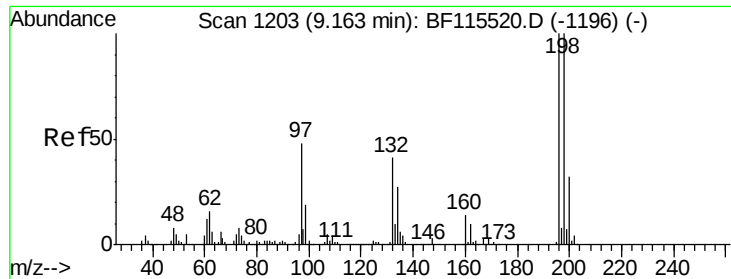
332 96.3 77.4 116.2

141 31.0 22.4 33.6



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

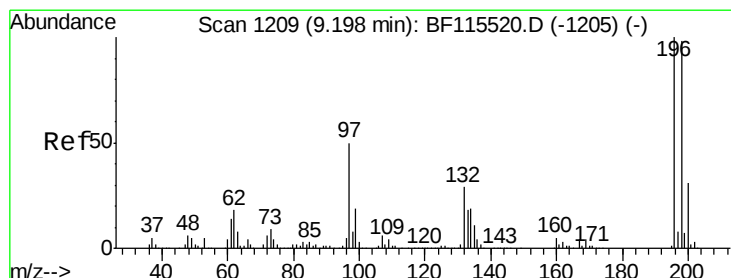
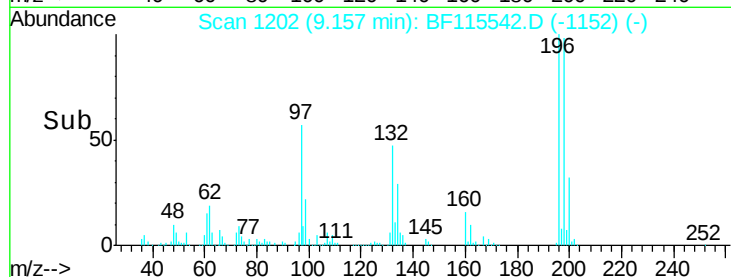
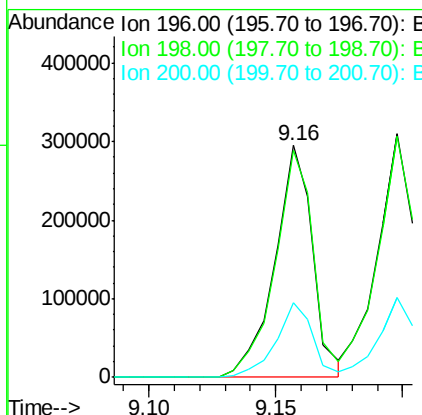
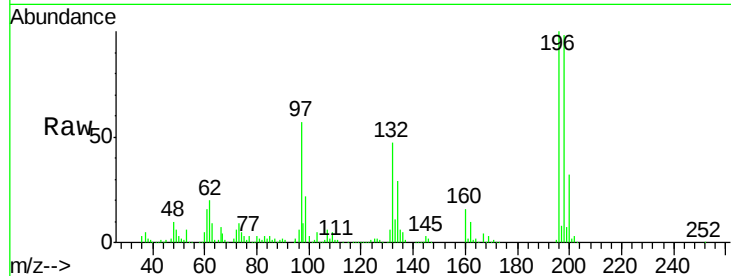




#43
 2,4,6-Trichlorophenol
 Concen: 45.437 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

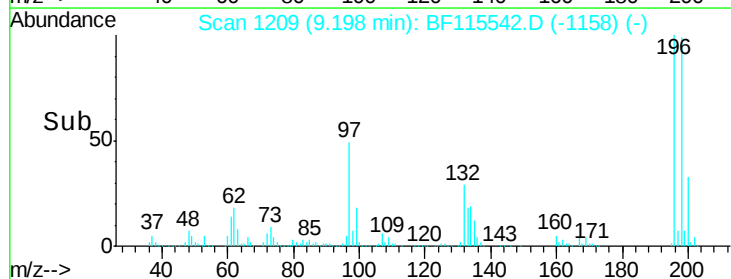
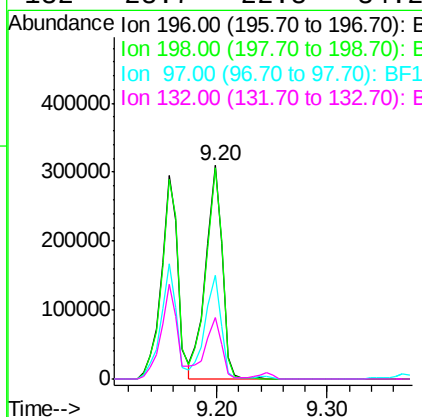
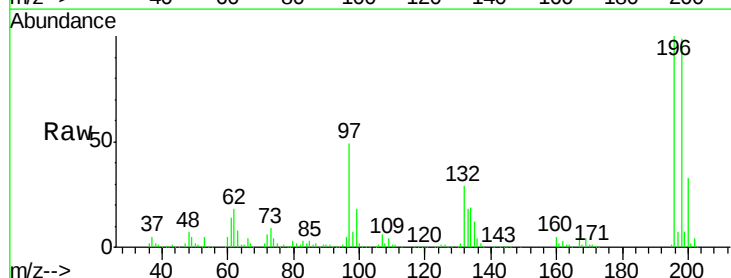
Instrument :
 BNA_F
 ClientSampled :

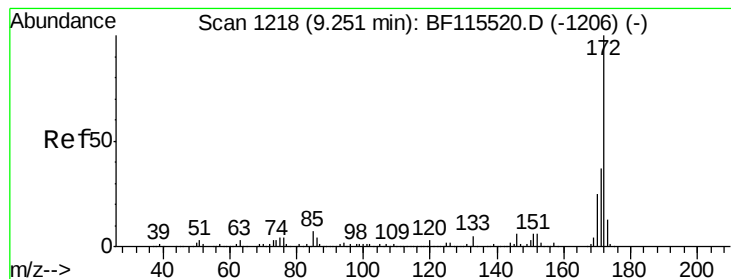
Tot Ion	196	Resp	307681
Ion	Ratio	Lower	Upper
196	100		
198	98.1	80.6	121.0
200	32.3	25.8	38.6



#44
 2,4,5-Trichlorophenol
 Concen: 44.932 ng
 RT: 9.20 min Scan# 1209
 Delta R.T. -0.00 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

Tgt Ion	196	Resp	311600
Ion	Ratio	Lower	Upper
196	100		
198	99.1	79.6	119.4
97	48.6	37.8	56.6
132	28.7	22.8	34.2





#45

2-Fluorobiphenyl

Concen: 107.533 ng

RT: 9.25 min Scan# 1217

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

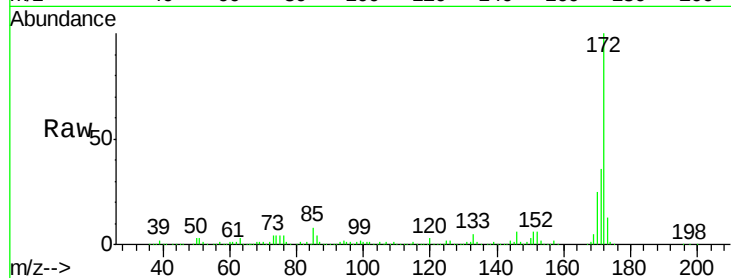
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1889197

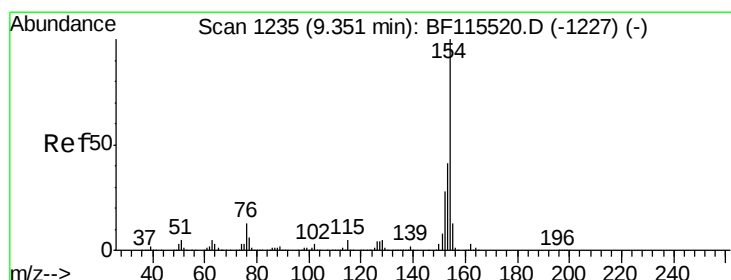
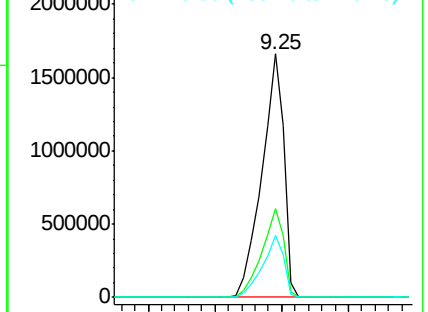
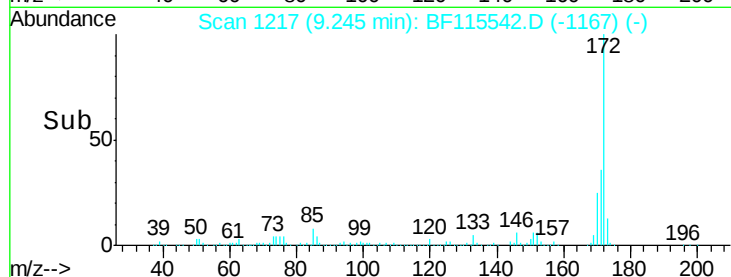
Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.6	46.0
170	25.2	20.5	30.7



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 47.788 ng

RT: 9.35 min Scan# 1234

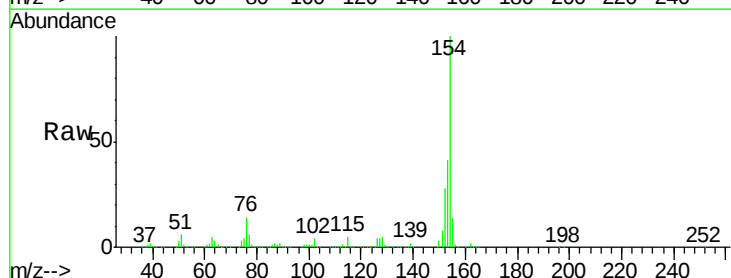
Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Tgt Ion:154 Resp: 1148818

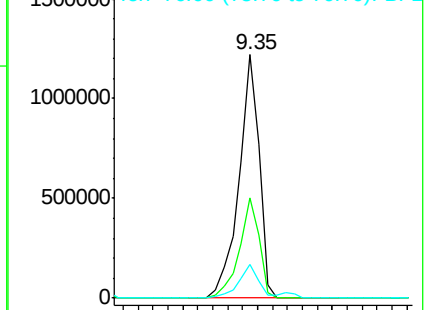
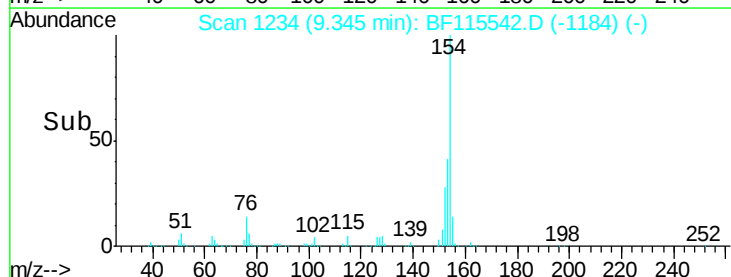
Ion	Ratio	Lower	Upper
154	100		
153	41.2	22.6	62.6
76	14.0	0.0	33.4

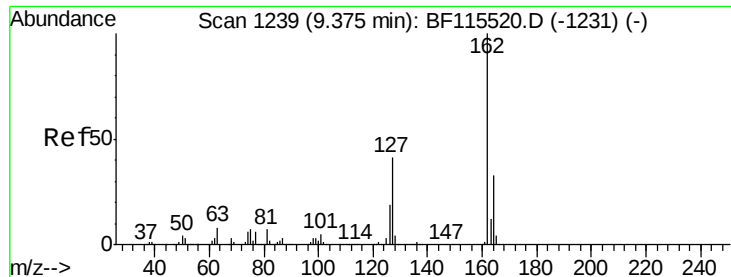


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

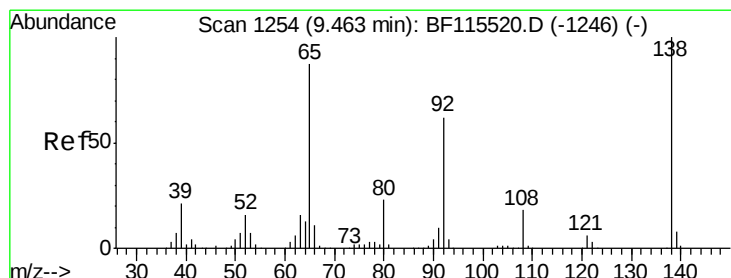
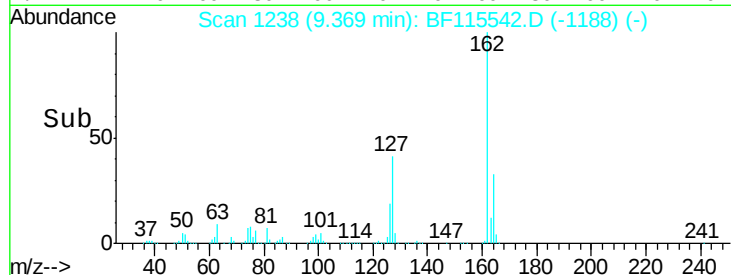
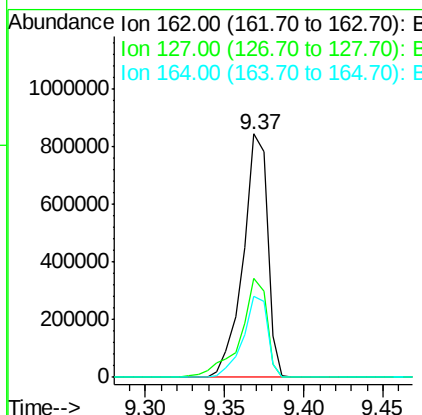
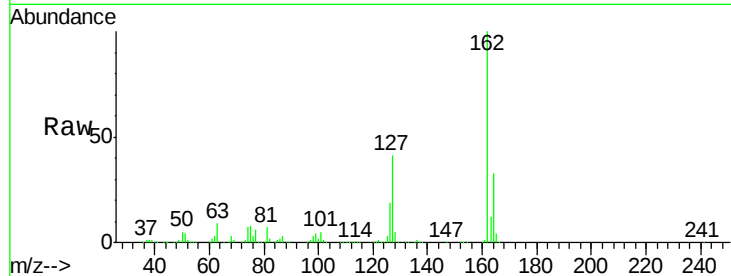




#47
 2-Chloronaphthalene
 Concen: 45.123 ng
 RT: 9.37 min Scan# 1238
 Delta R.T. -0.01 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

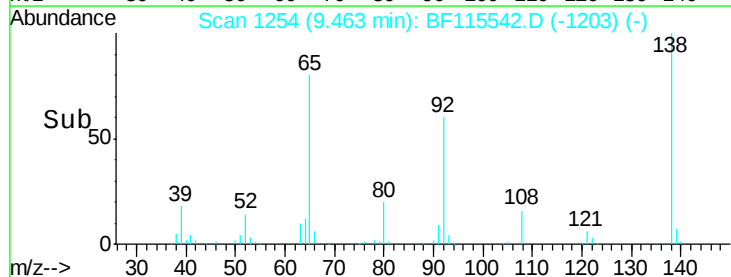
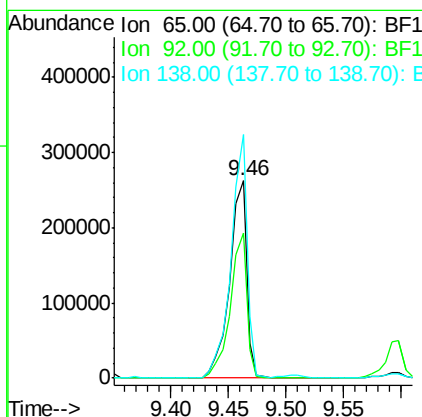
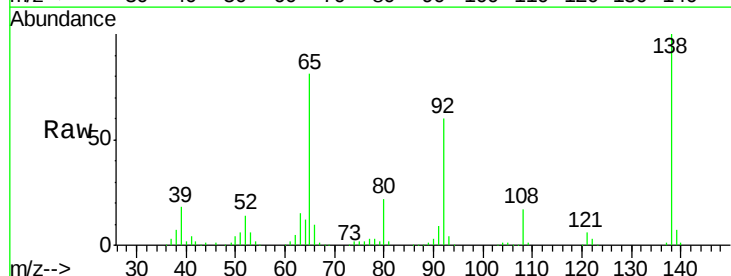
Instrument :
 BNA_F
 ClientSampled :

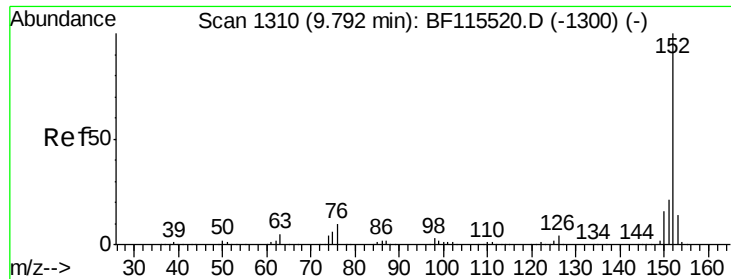
Tot Ion:162 Resp: 903229
 Ion Ratio Lower Upper
 162 100
 127 40.6 34.1 51.1
 164 33.4 27.4 41.2



#48
 2-Nitroaniline
 Concen: 43.725 ng
 RT: 9.46 min Scan# 1254
 Delta R.T. -0.00 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

Tgt Ion: 65 Resp: 270899
 Ion Ratio Lower Upper
 65 100
 92 73.6 57.8 86.6
 138 123.5 91.2 136.8





#49

Acenaphthylene

Concen: 45.742 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

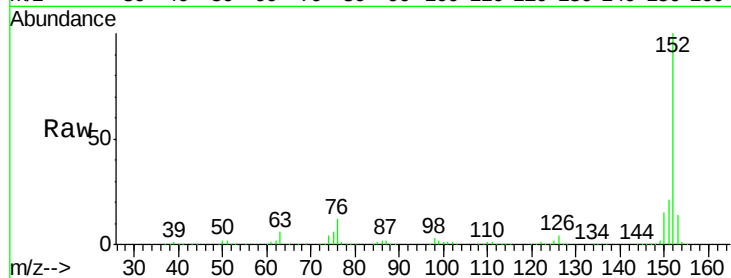
Tot Ion:152 Resp: 1356721

Ion Ratio Lower Upper

152 100

151 20.8 17.7 26.5

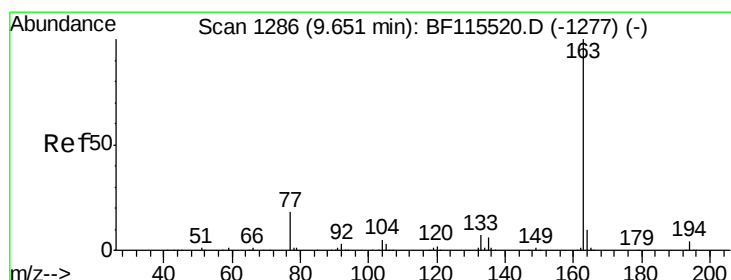
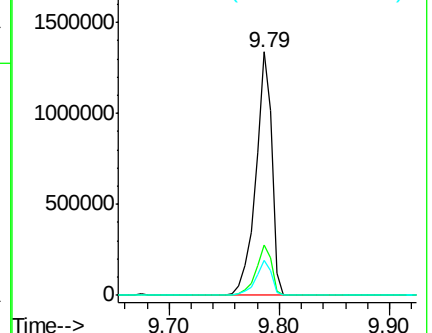
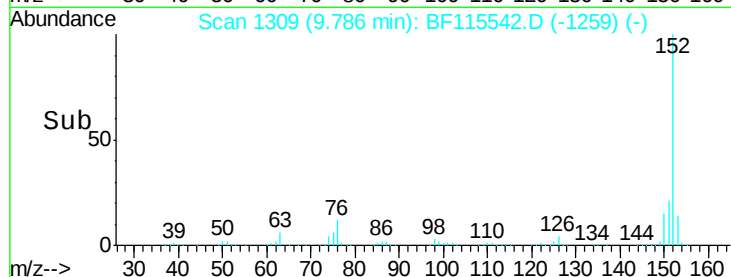
153 14.2 12.0 18.0



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 46.187 ng

RT: 9.65 min Scan# 1285

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

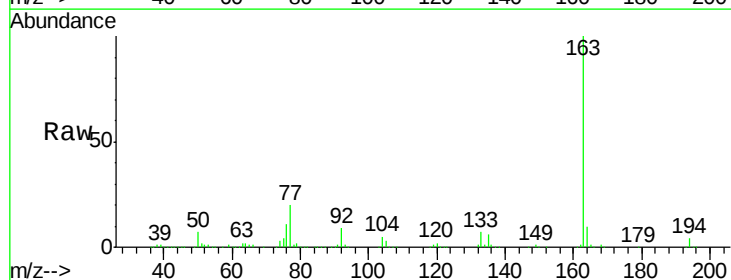
Tgt Ion:163 Resp: 1068547

Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

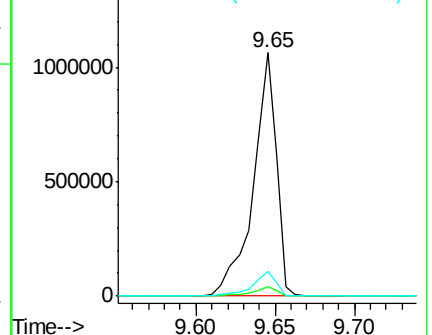
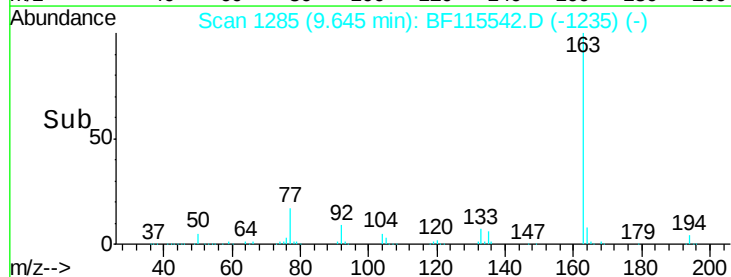
164 10.4 8.7 13.1

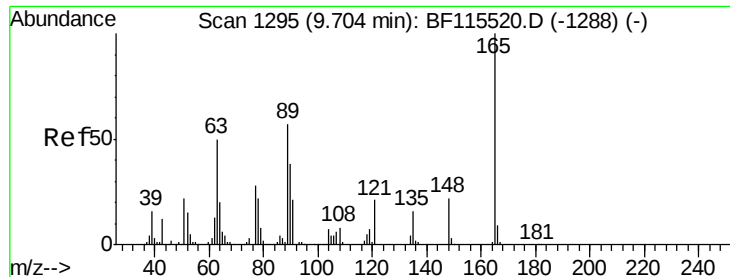


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

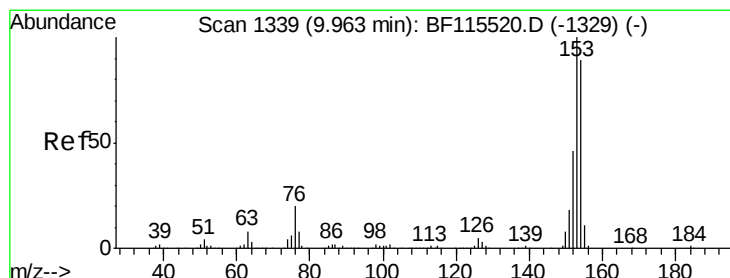
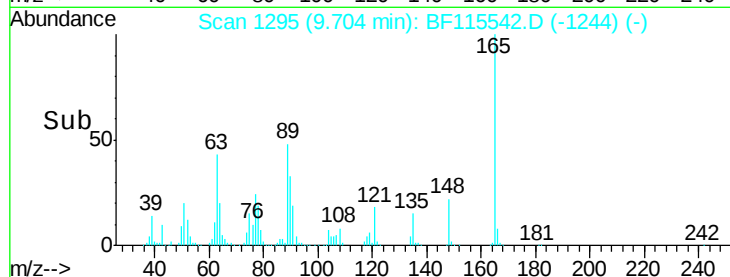
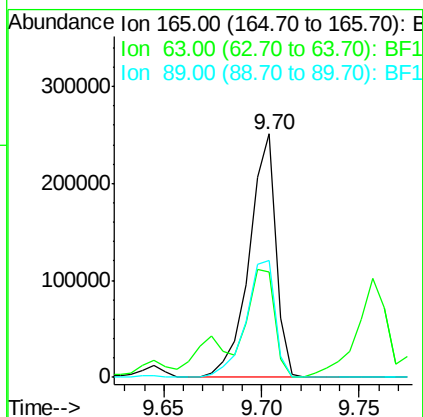
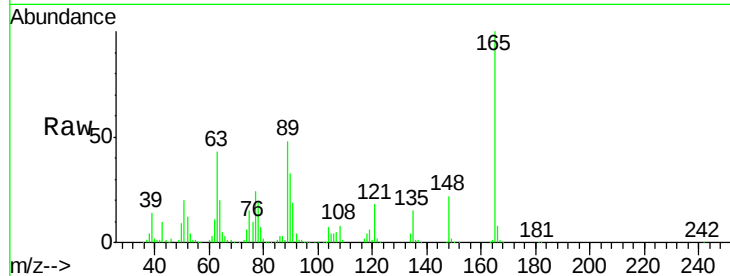




#51
 2,6-Dinitrotoluene
 Concen: 45.478 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.00 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

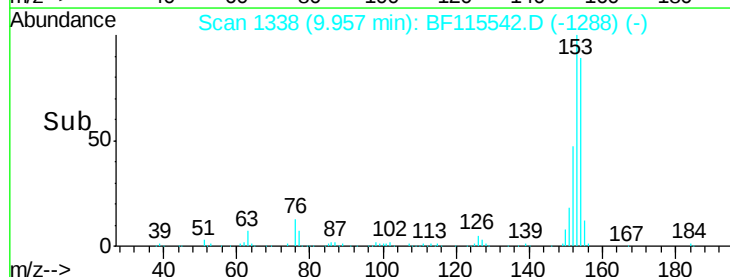
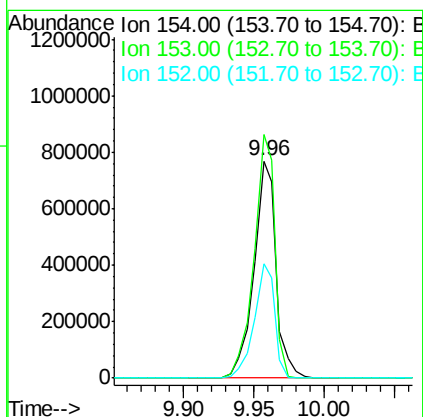
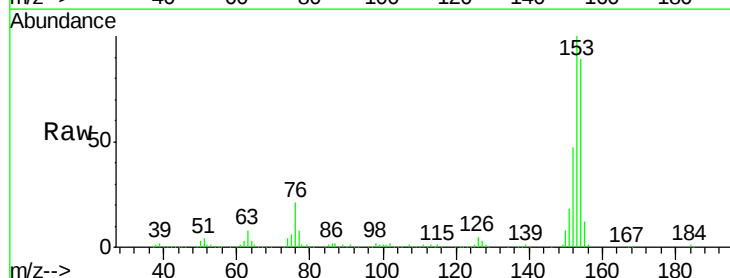
Instrument :
 BNA_F
 ClientSampleId :

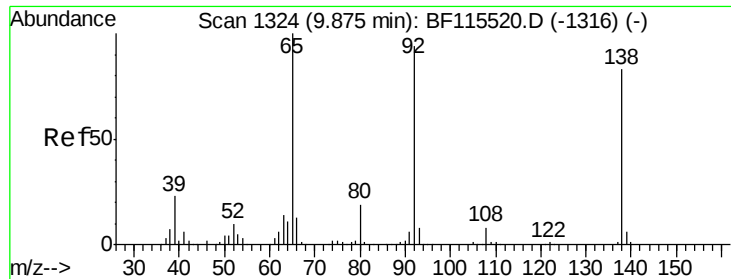
Tot Ion:165 Resp: 239108
 Ion Ratio Lower Upper
 165 100
 63 43.5 40.6 61.0
 89 47.9 43.9 65.9



#52
 Acenaphthene
 Concen: 44.487 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. -0.01 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

Tgt Ion:154 Resp: 851876
 Ion Ratio Lower Upper
 154 100
 153 112.2 88.6 133.0
 152 52.8 42.3 63.5

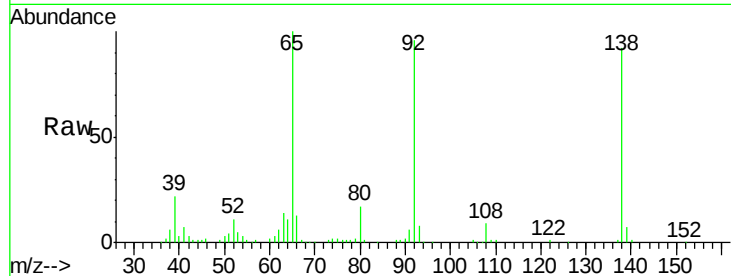




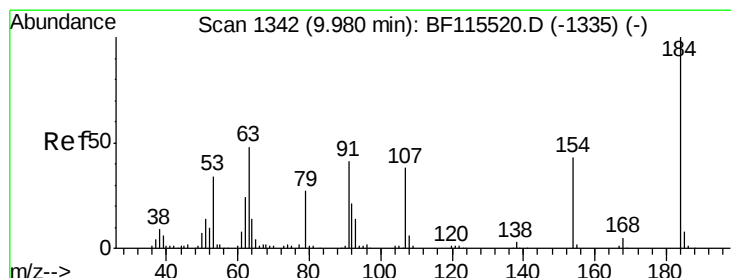
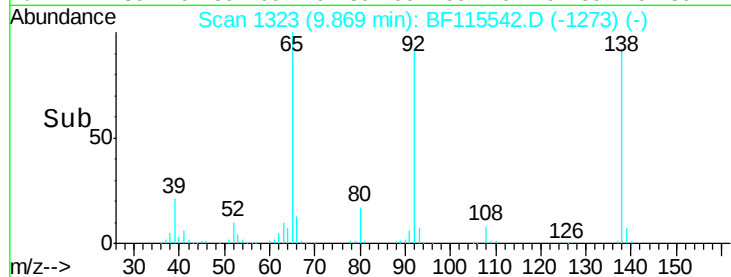
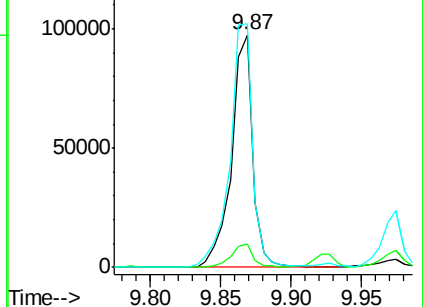
#53
3-Nitroaniline
Concen: 17.105 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 102769
Ion Ratio Lower Upper
138 100
108 9.9 8.4 12.6
92 104.7 88.0 132.0

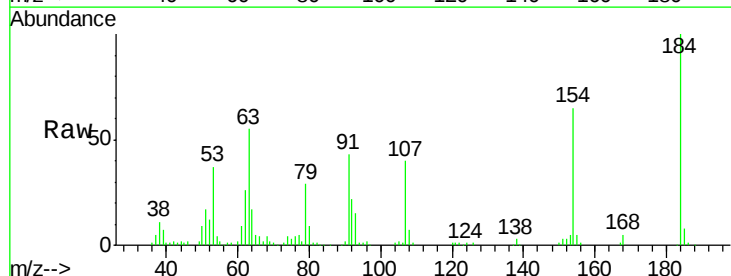


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

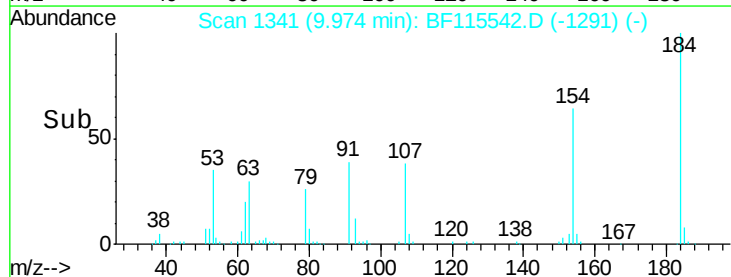
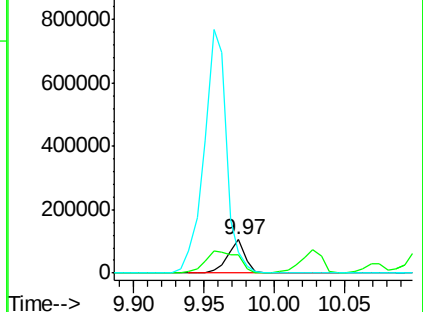


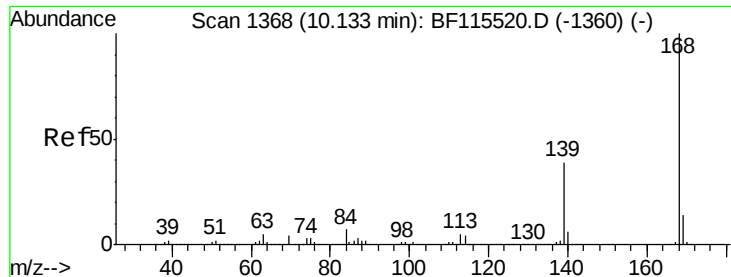
#54
2,4-Dinitrophenol
Concen: 34.850 ng
RT: 9.97 min Scan# 1341
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt Ion:184 Resp: 94074
Ion Ratio Lower Upper
184 100
63 54.8 48.7 73.1
154 64.5 48.6 73.0



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





#55

Dibenzenofuran

Concen: 44.631 ng

RT: 10.13 min Scan# 1368

Delta R.T. -0.00 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

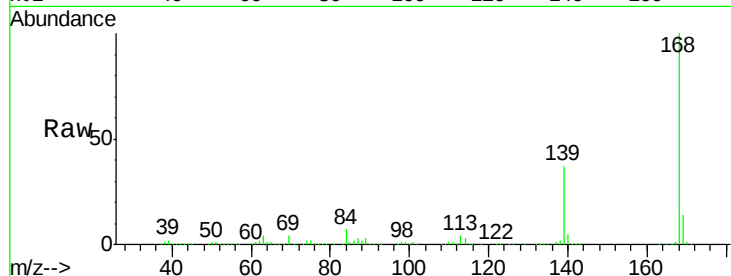
Instrument :

BNA_F

ClientSampleId :

Tot Ion:168 Resp: 1213681

Ion	Ratio	Lower	Upper
168	100		
139	37.1	31.1	46.7
169	13.6	11.1	16.7

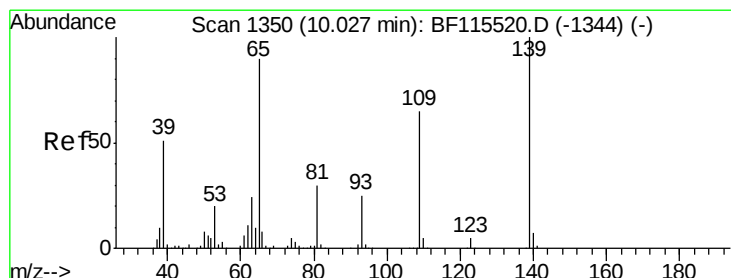
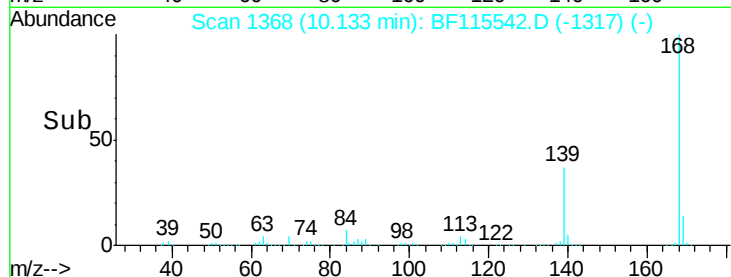
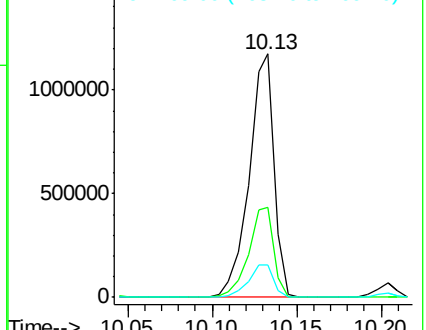


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 71.127 ng

RT: 10.03 min Scan# 1350

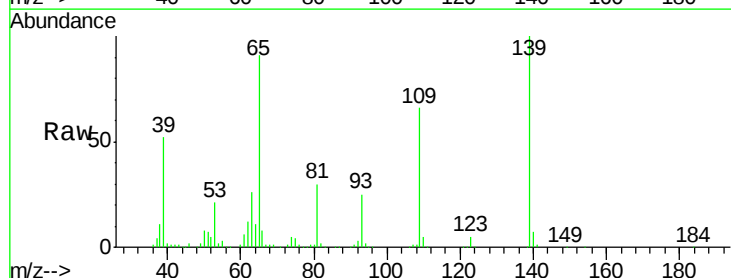
Delta R.T. -0.00 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Tgt Ion:139 Resp: 325871

Ion	Ratio	Lower	Upper
139	100		
109	66.4	46.4	86.4
65	91.2	68.9	108.9

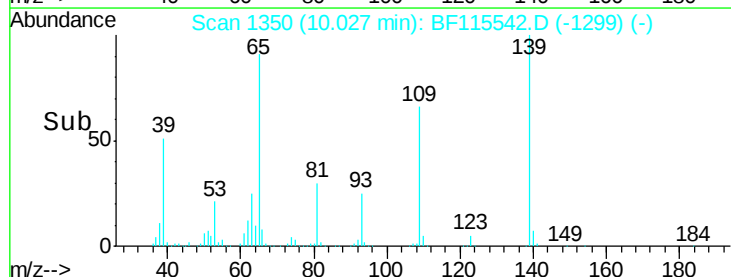
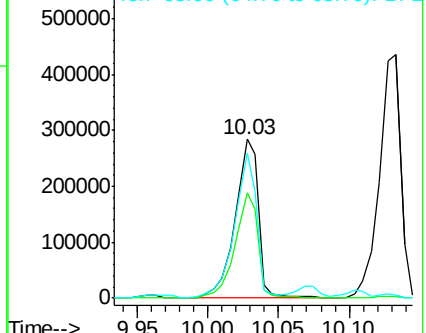


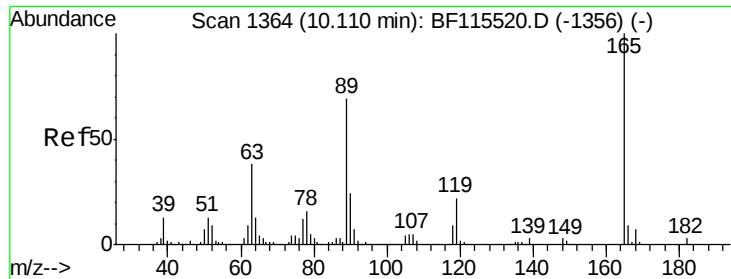
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

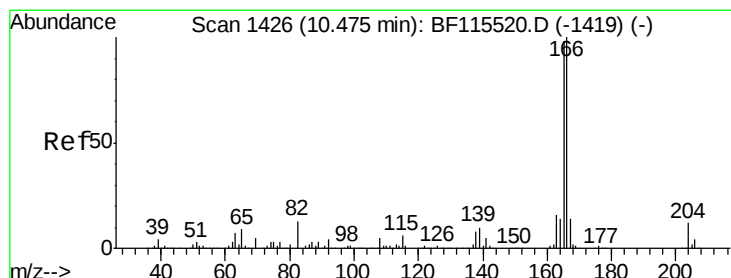
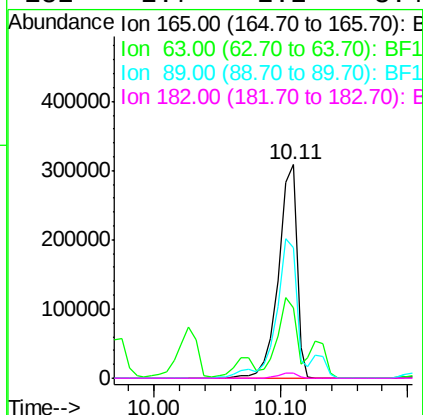
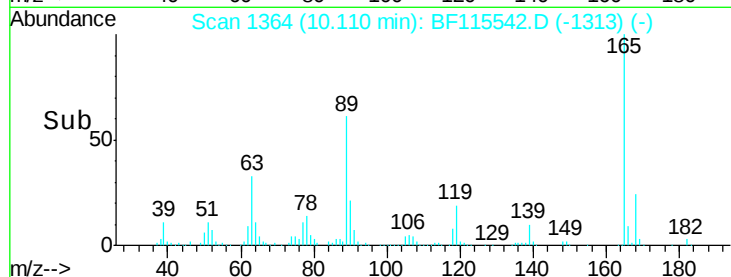
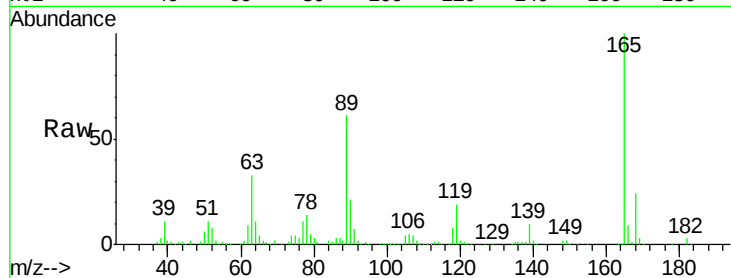




#57
2,4-Dinitrotoluene
Concen: 45.568 ng
RT: 10.11 min Scan# 1364
Delta R.T. -0.00 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

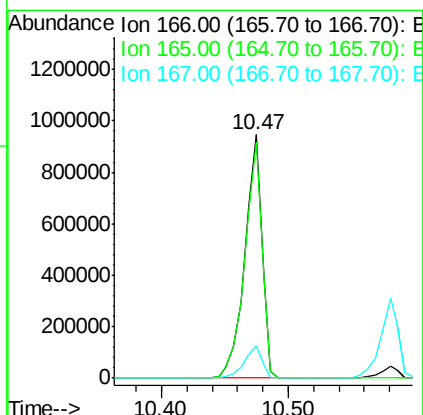
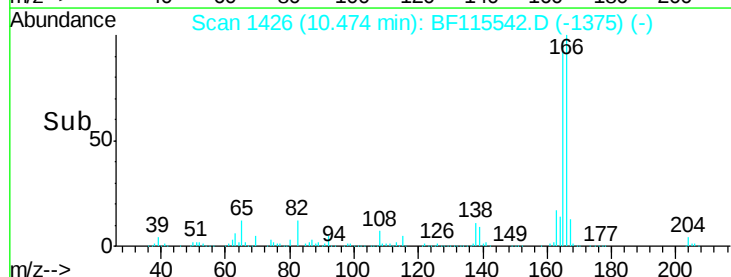
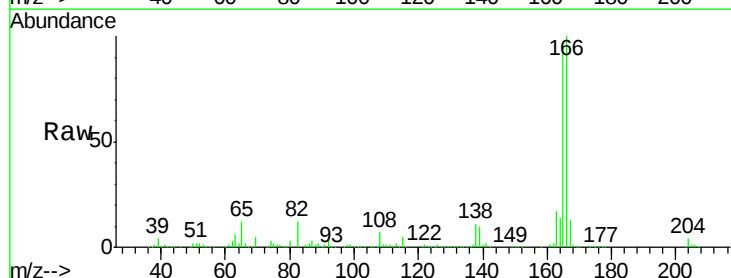
Instrument :
BNA_F
ClientSampled :

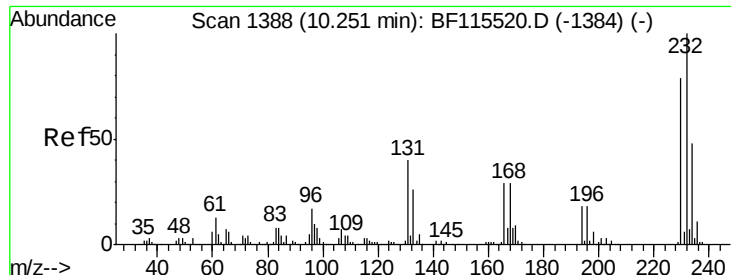
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.3	34.9	52.3
89	61.4	57.5	86.3
182	2.7	2.2	3.4



#58
Fluorene
Concen: 45.342 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.1	79.8	119.6
167	13.1	11.2	16.8

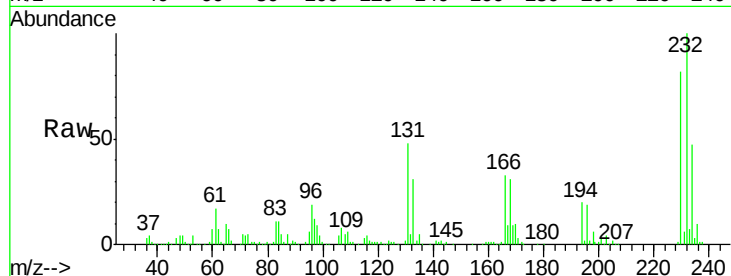




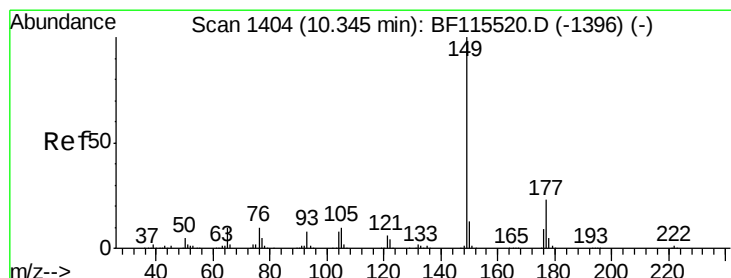
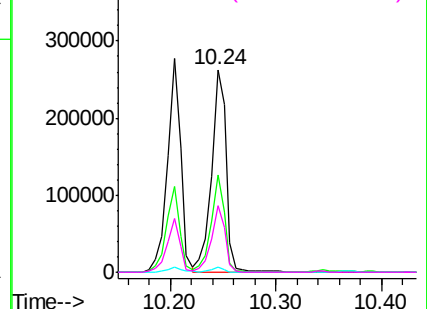
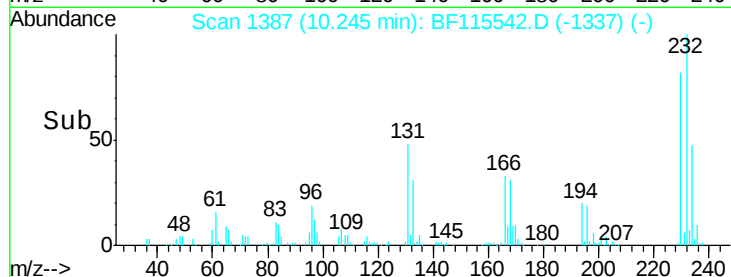
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.886 ng
 RT: 10.24 min Scan# 1387
 Delta R.T. -0.01 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	43.6	35.9	53.9
130	2.1	1.8	2.6
166	30.8	24.8	37.2

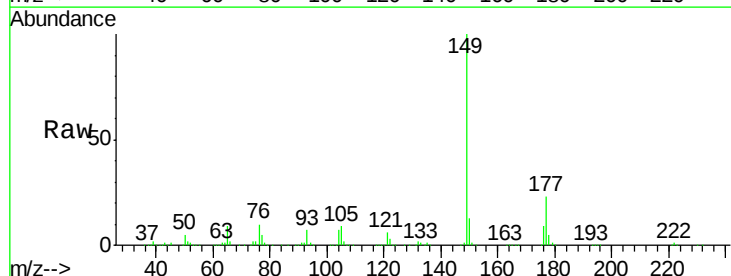


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

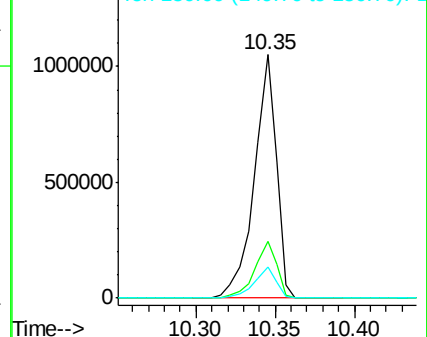
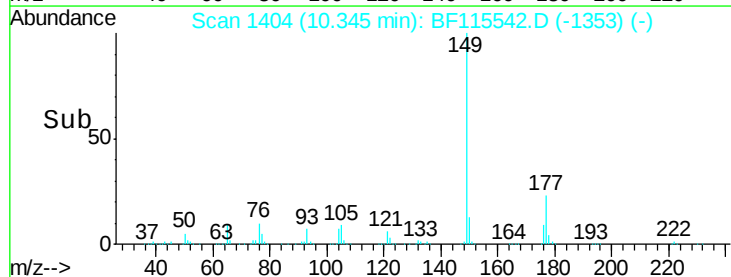


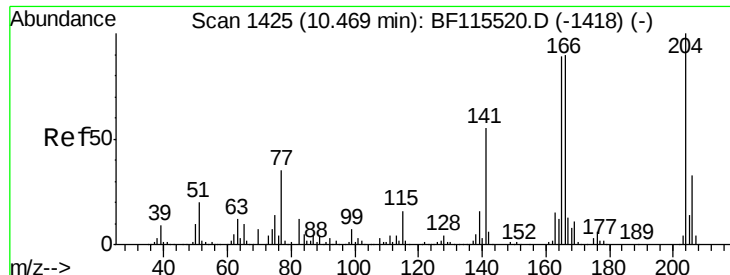
#60
 Diethylphthalate
 Concen: 46.814 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.4	19.5	29.3
150	12.9	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

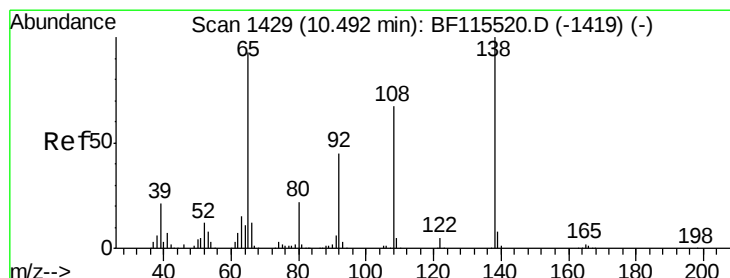
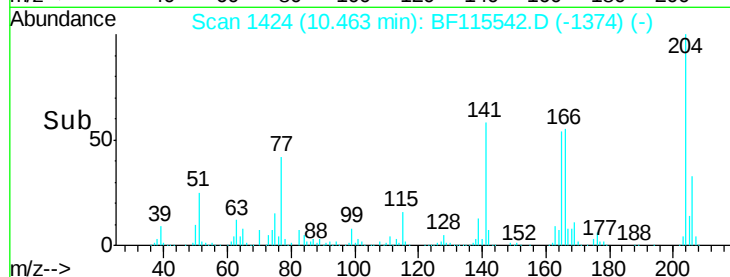
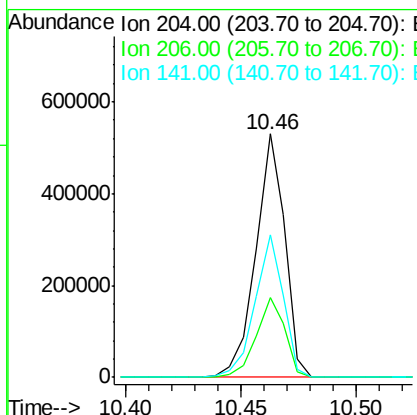
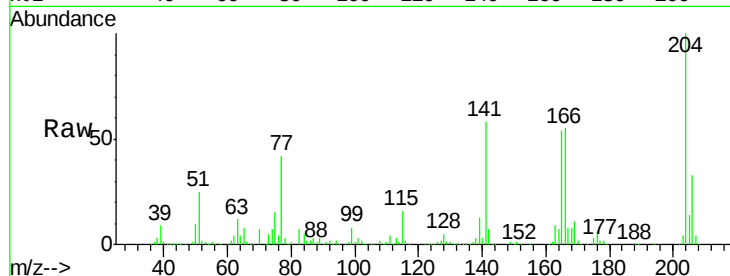




#61
 4-Chlorophenyl-phenylether
 Concen: 43.168 ng
 RT: 10.46 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

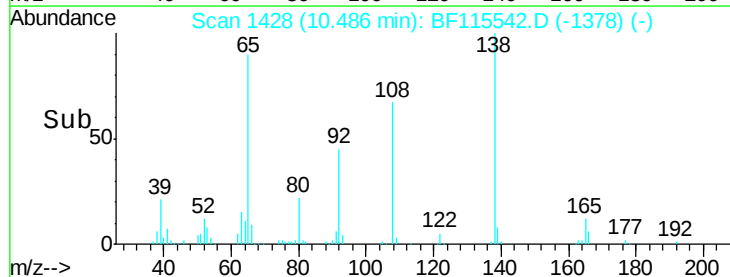
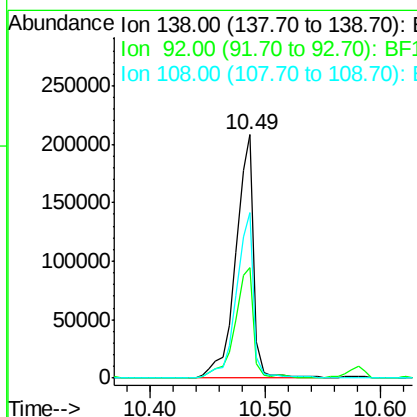
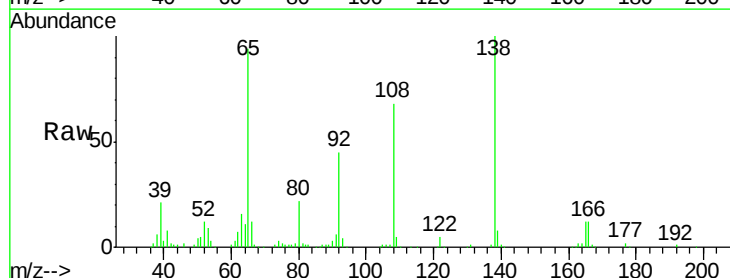
Instrument :
 BNA_F
 ClientSampleID :

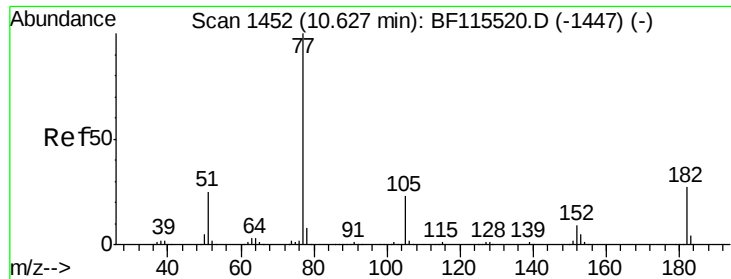
Tot Ion:204 Resp: 465388
 Ion Ratio Lower Upper
 204 100
 206 32.9 26.7 40.1
 141 58.4 44.2 66.2



#62
 4-Nitroaniline
 Concen: 38.691 ng
 RT: 10.49 min Scan# 1428
 Delta R.T. -0.01 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

Tgt Ion:138 Resp: 222982
 Ion Ratio Lower Upper
 138 100
 92 45.3 27.1 67.1
 108 67.9 48.0 88.0





#63

Azobenzene

Concen: 45.949 ng

RT: 10.62 min Scan# 1451

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 966110

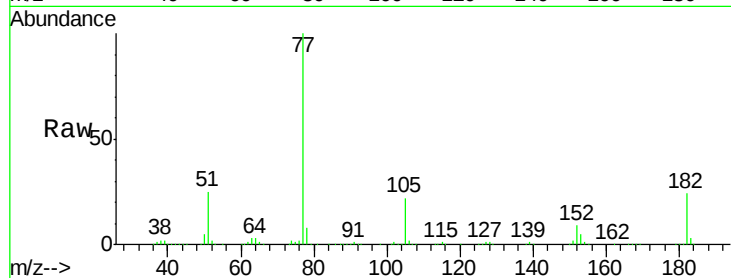
Ion Ratio Lower Upper

77 100

182 24.5 6.9 46.9

105 22.4 3.9 43.9

51 25.2 7.3 47.3

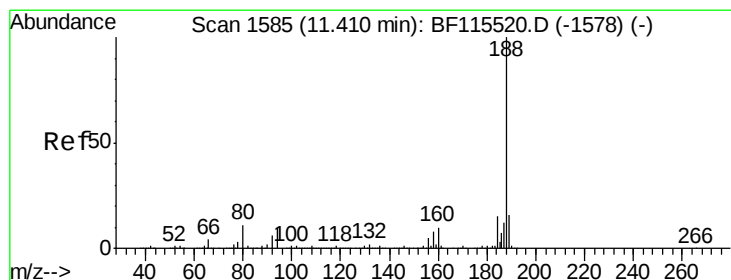
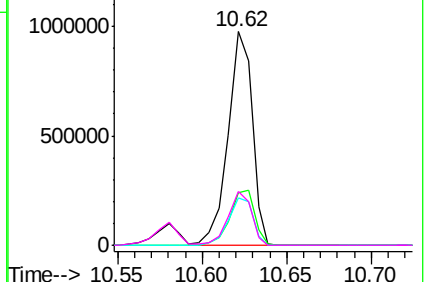
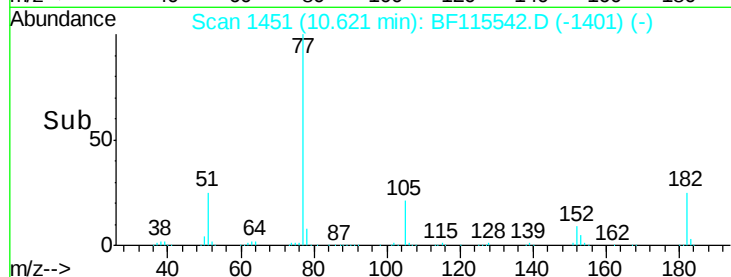


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

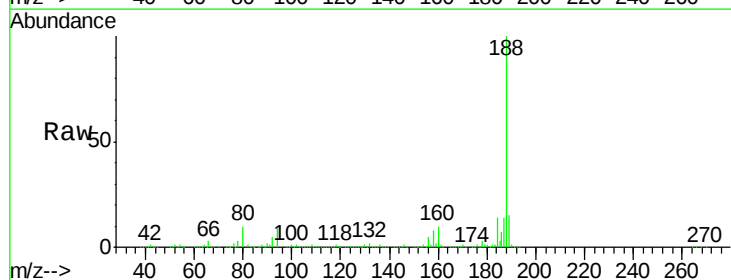
Tgt Ion: 188 Resp: 538891

Ion Ratio Lower Upper

188 100

94 9.5 7.8 11.6

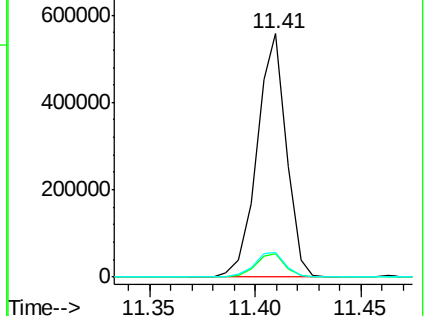
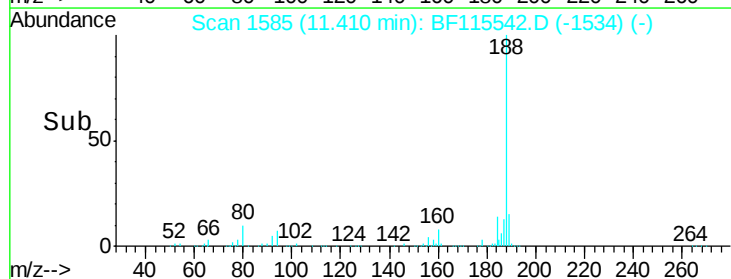
80 10.1 8.6 13.0

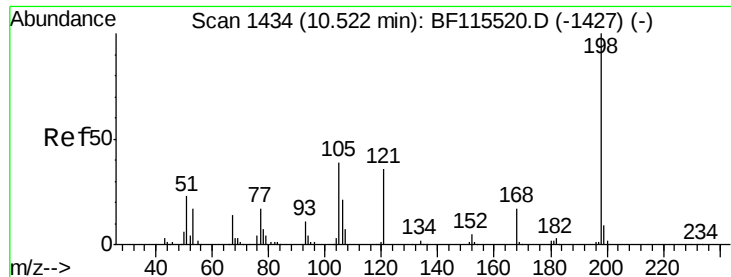


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 24.896 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

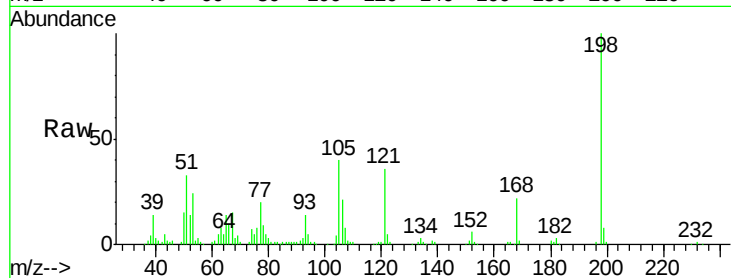
Tot Ion:198 Resp: 81969

Ion Ratio Lower Upper

198 100

51 32.5 19.1 59.1

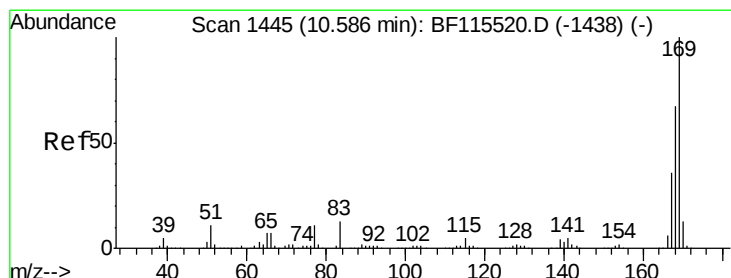
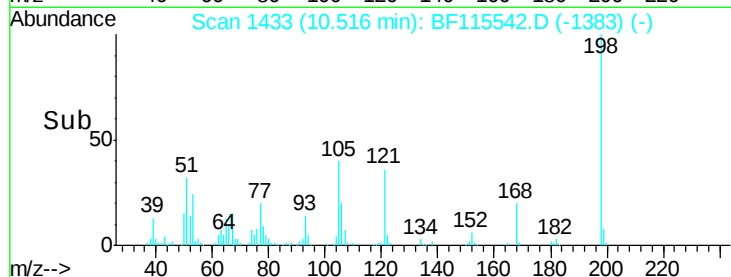
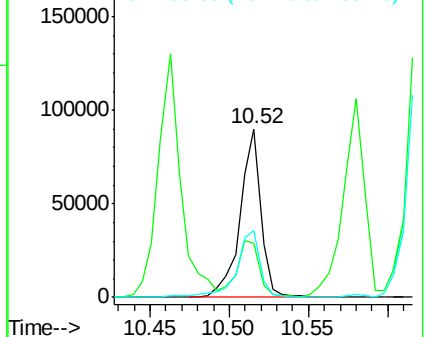
105 39.6 23.6 63.6



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: 49.498 ng

RT: 10.58 min Scan# 1444

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

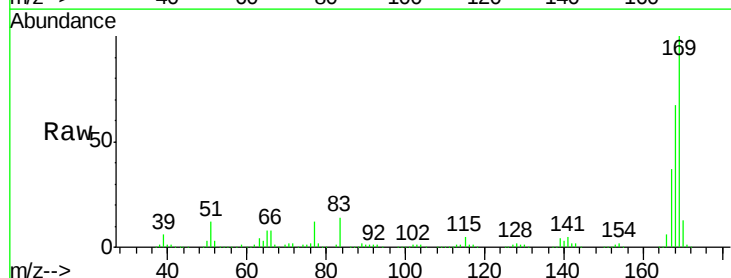
Tgt Ion:169 Resp: 829741

Ion Ratio Lower Upper

169 100

168 67.0 54.3 81.5

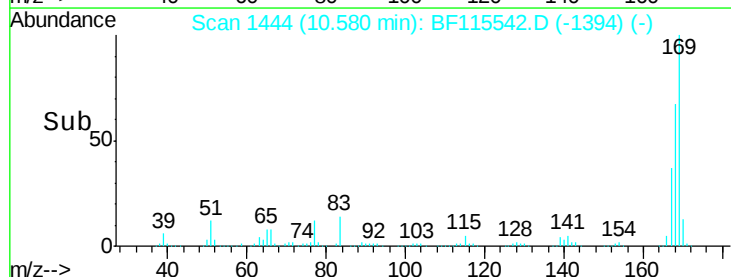
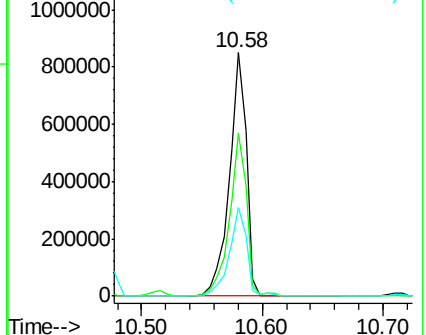
167 36.7 30.2 45.2

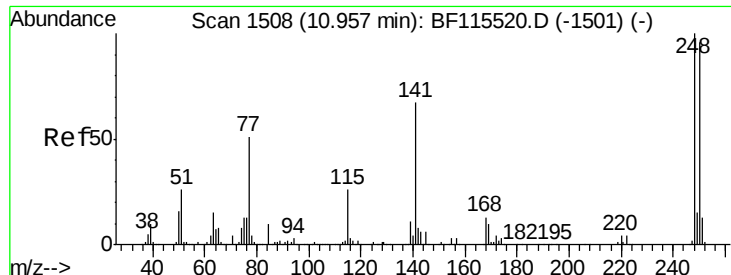


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

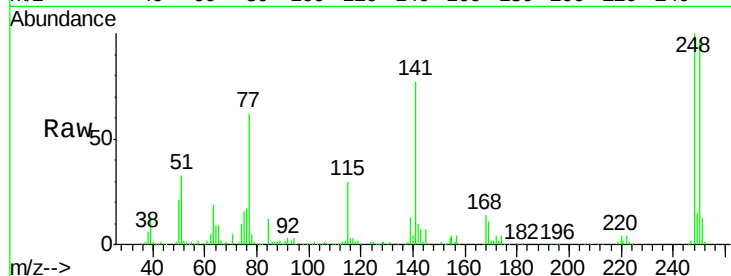




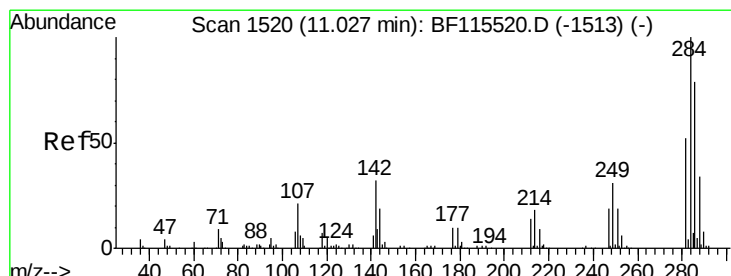
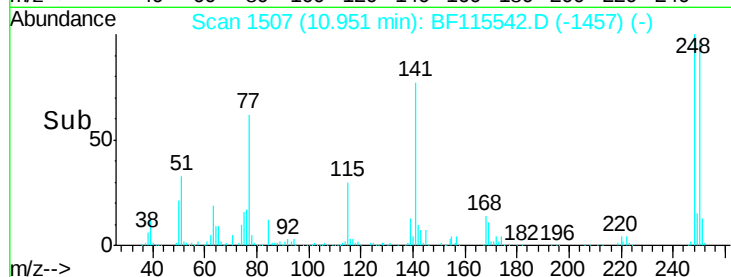
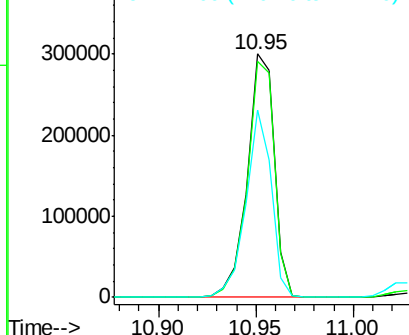
#67
4-Bromophenyl-phenylether
Concen: 46.769 ng
RT: 10.95 min Scan# 1507
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:248 Resp: 288013
Ion Ratio Lower Upper
248 100
250 97.1 78.0 117.0
141 76.8 57.7 86.5

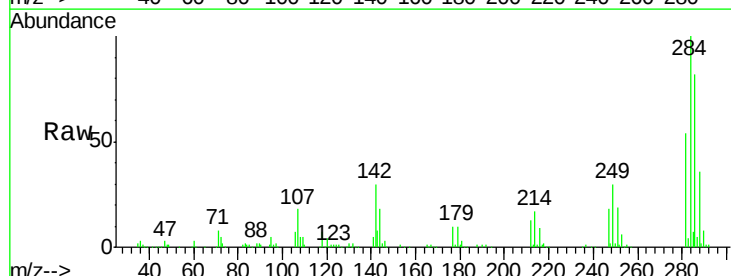


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

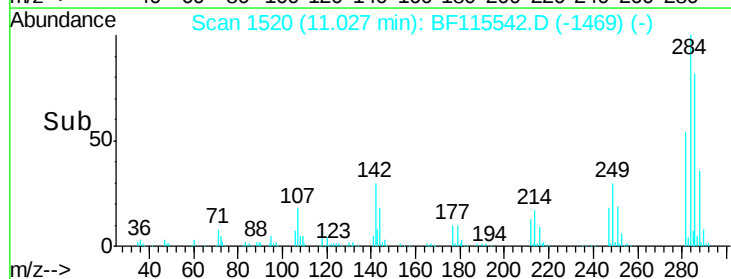
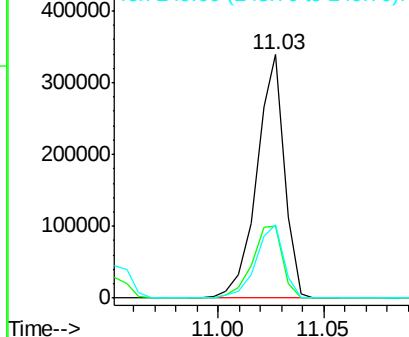


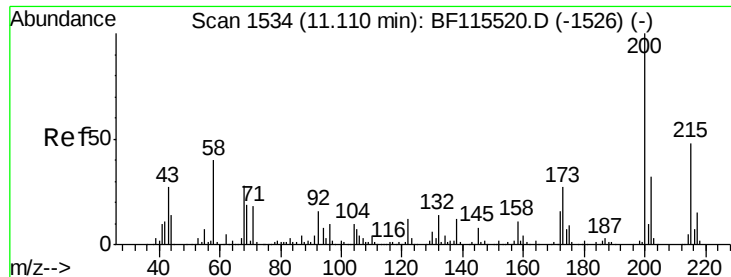
#68
Hexachlorobenzene
Concen: 43.656 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.00 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt Ion:284 Resp: 307018
Ion Ratio Lower Upper
284 100
142 29.8 22.2 33.2
249 30.1 23.4 35.2



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

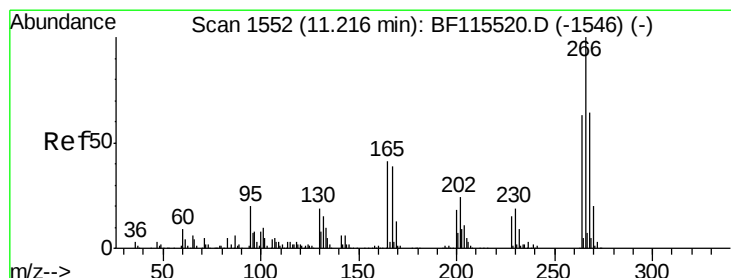
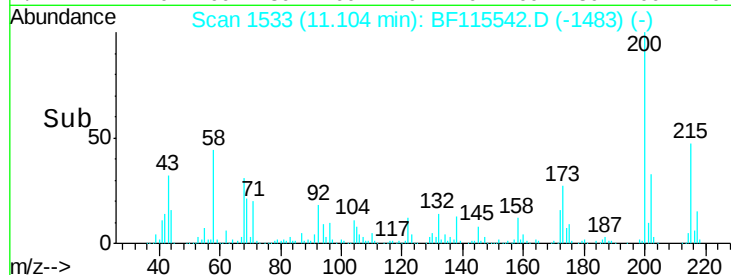
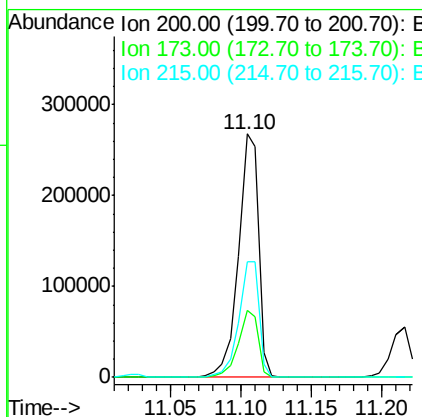
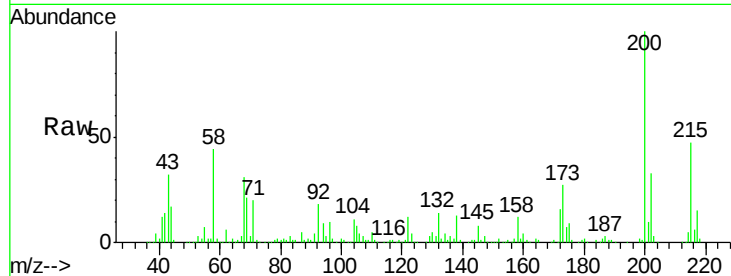




#69
Atrazine
Concen: 48.301 ng
RT: 11.10 min Scan# 1533
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

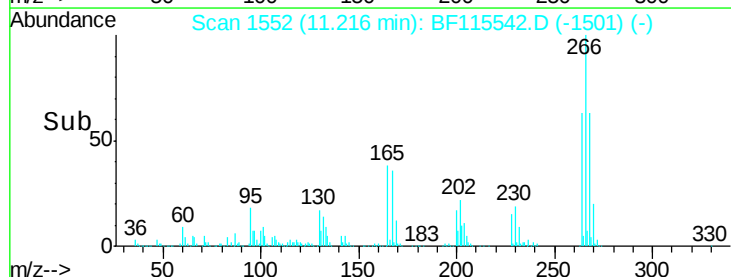
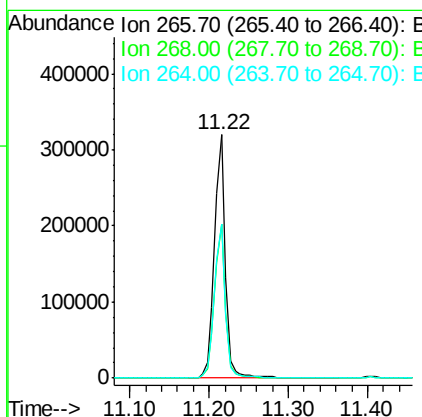
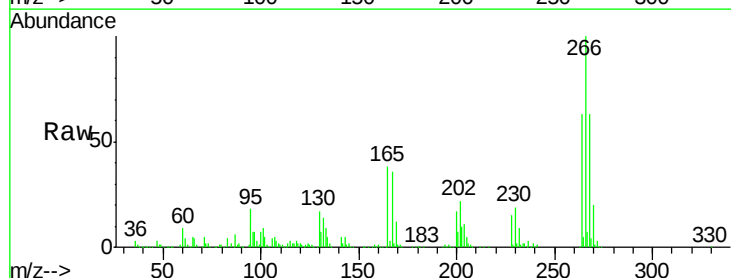
Instrument :
BNA_F
ClientSampleId :

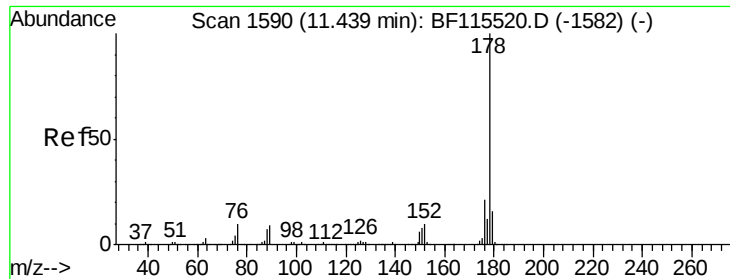
Tot Ion:200 Resp: 265617
Ion Ratio Lower Upper
200 100
173 27.5 6.9 46.9
215 47.5 27.9 67.9



#70
Pentachlorophenol
Concen: 72.253 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.00 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt Ion:266 Resp: 310785
Ion Ratio Lower Upper
266 100
268 63.2 51.6 77.4
264 63.2 50.6 76.0

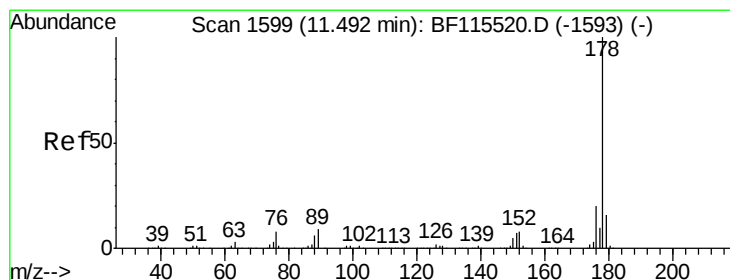
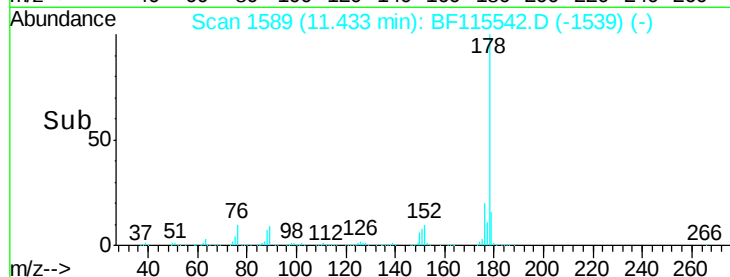
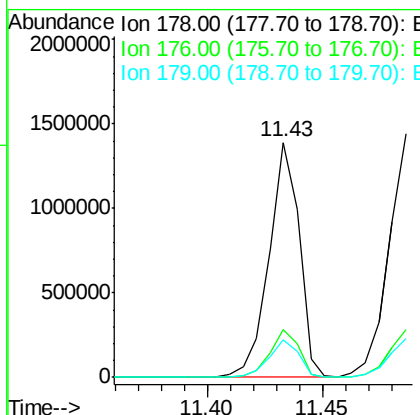
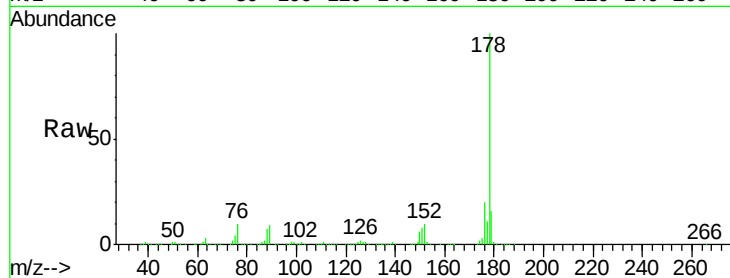




#71
Phenanthrene
Concen: 45.907 ng
RT: 11.43 min Scan# 1589
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

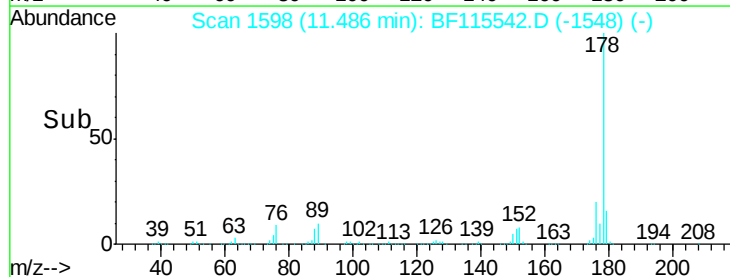
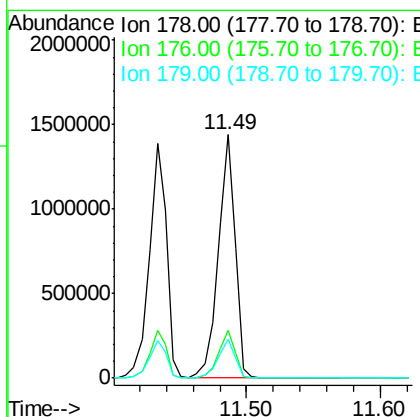
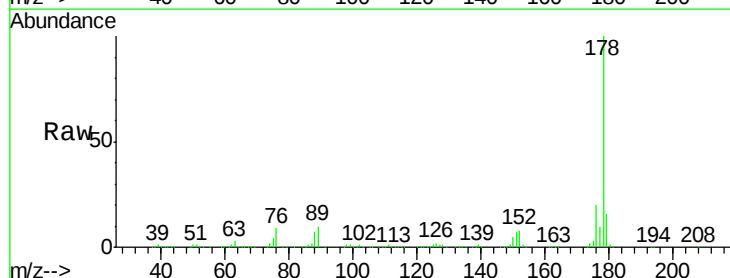
Instrument :
BNA_F
ClientSampleId :

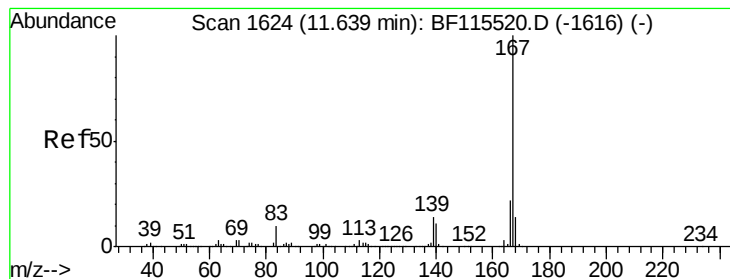
Tot Ion:178 Resp: 1268099
Ion Ratio Lower Upper
178 100
176 20.3 17.2 25.8
179 16.1 13.5 20.3



#72
Anthracene
Concen: 45.148 ng
RT: 11.49 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt Ion:178 Resp: 1288865
Ion Ratio Lower Upper
178 100
176 19.6 15.9 23.9
179 15.9 12.7 19.1





#73

Carbazole

Concen: 44.856 ng

RT: 11.63 min Scan# 1623

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampled :

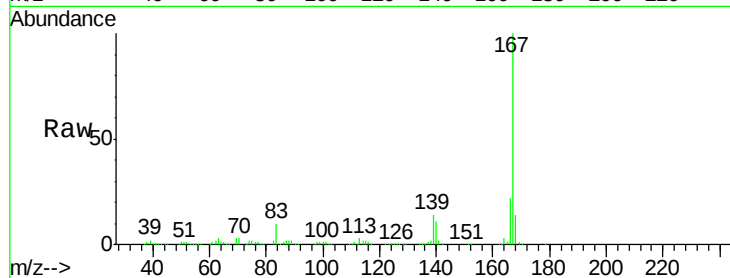
Tot Ion:167 Resp: 1122914

Ion Ratio Lower Upper

167 100

166 22.1 18.1 27.1

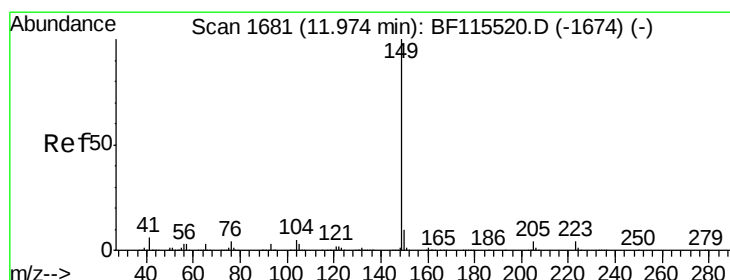
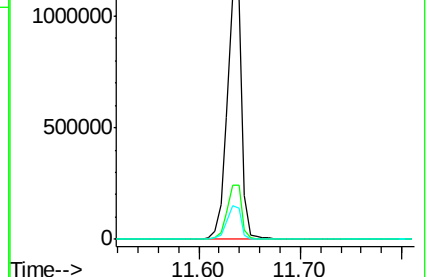
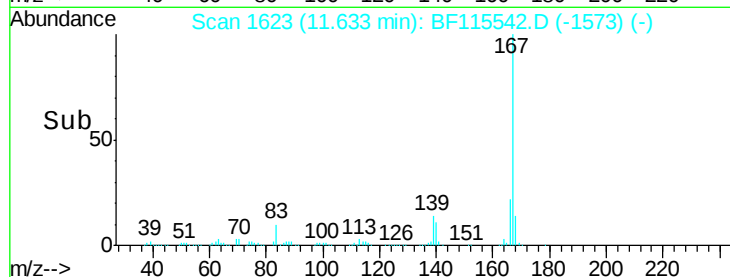
139 13.7 11.3 16.9



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: 47.709 ng

RT: 11.97 min Scan# 1680

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

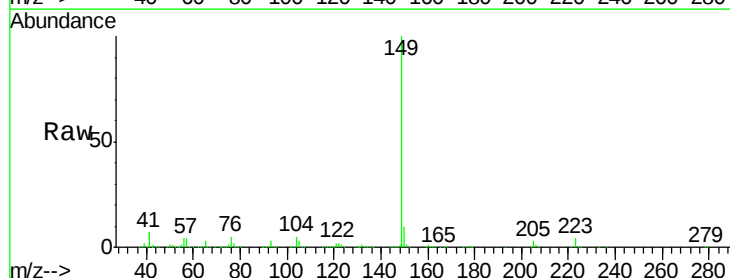
Tgt Ion:149 Resp: 1471169

Ion Ratio Lower Upper

149 100

150 9.9 7.7 11.5

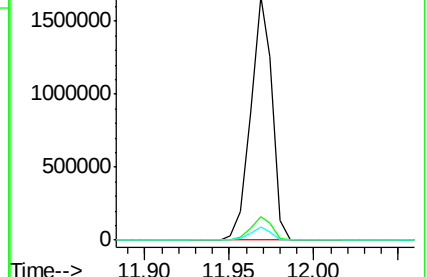
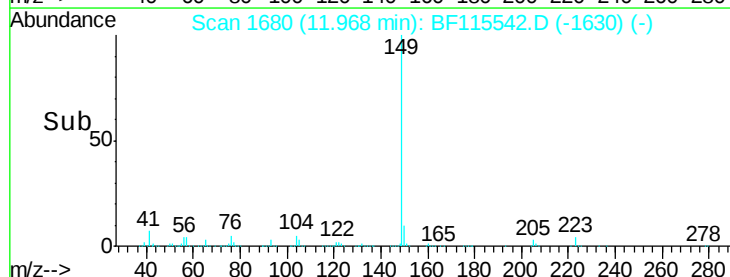
104 5.2 3.8 5.8

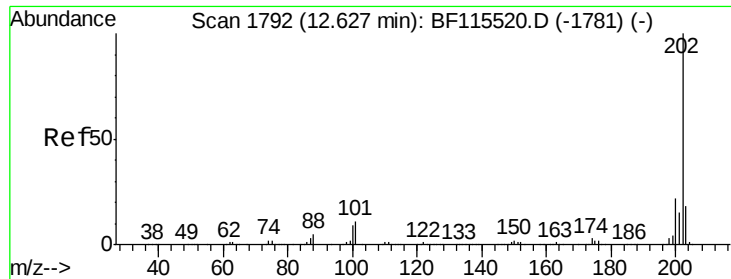


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

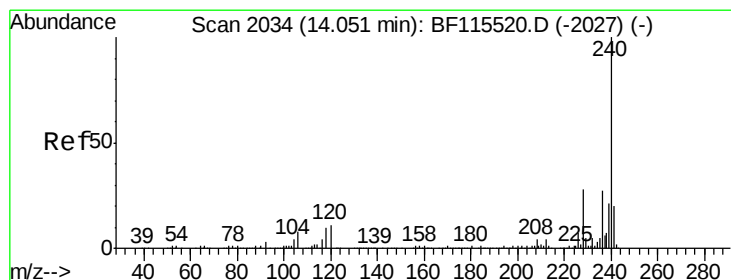
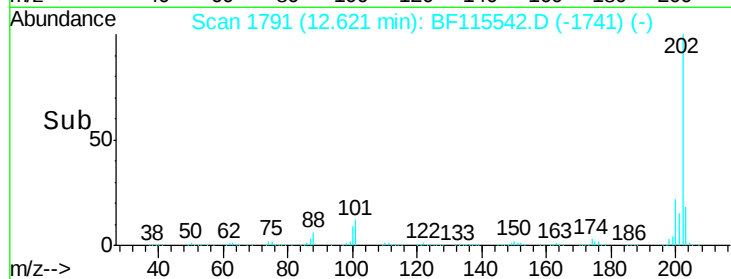
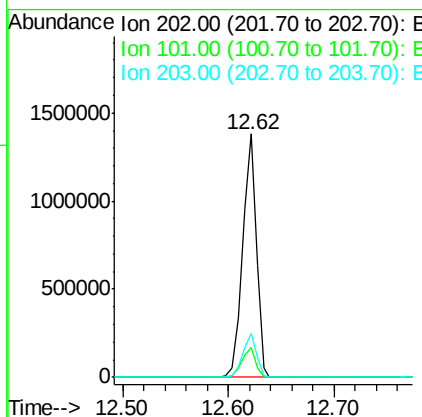
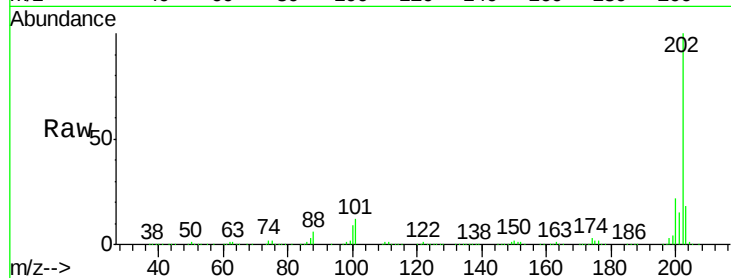




#75
 Fluoranthene
 Concen: 41.797 ng
 RT: 12.62 min Scan# 1791
 Delta R.T. -0.01 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

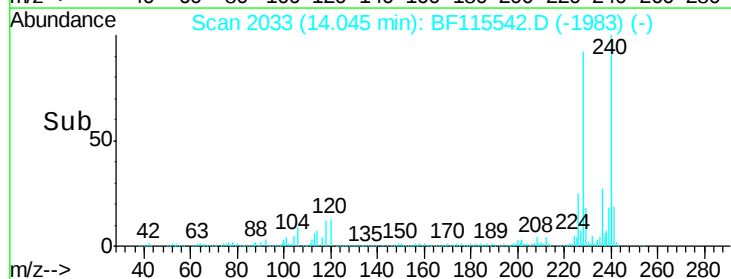
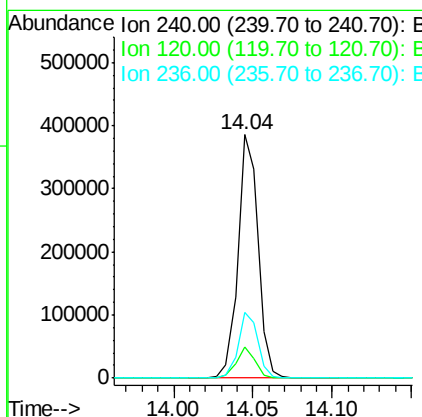
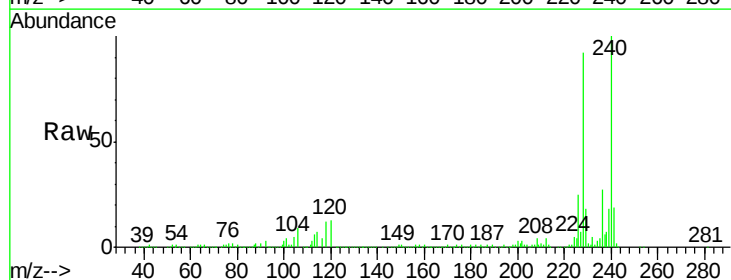
Instrument :
 BNA_F
 ClientSampleId :

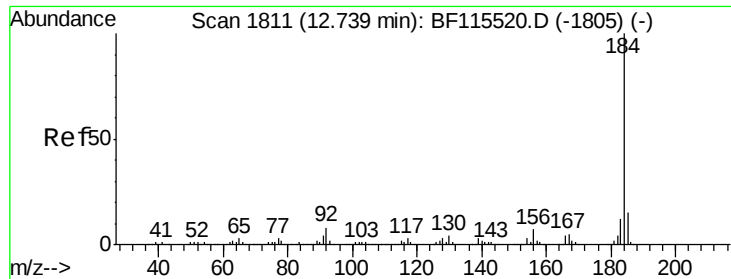
Tot Ion:202 Resp: 1220068
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 31.4
 203 18.1 0.0 38.1



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.01 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

Tgt Ion:240 Resp: 339692
 Ion Ratio Lower Upper
 240 100
 120 12.9 8.6 13.0
 236 26.8 21.3 31.9





#77

Benzidine

Concen: 11.961 ng

RT: 12.73 min Scan# 1810

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

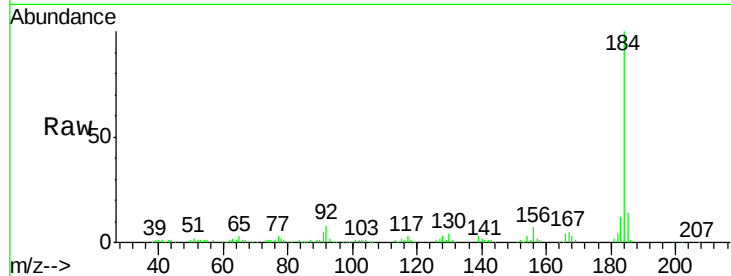
Tot Ion:184 Resp: 143931

Ion Ratio Lower Upper

184 100

185 14.4 12.0 18.0

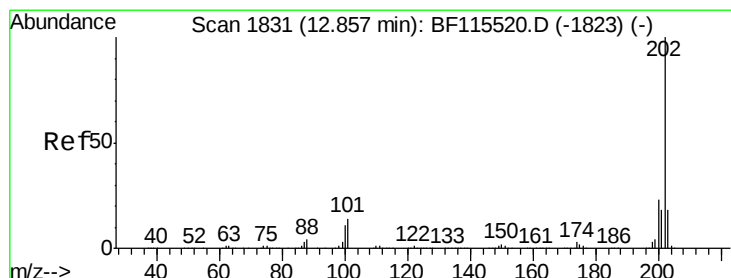
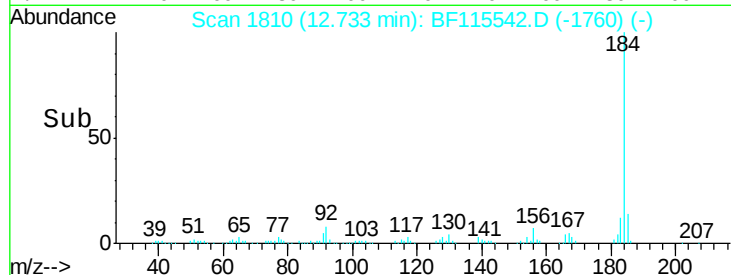
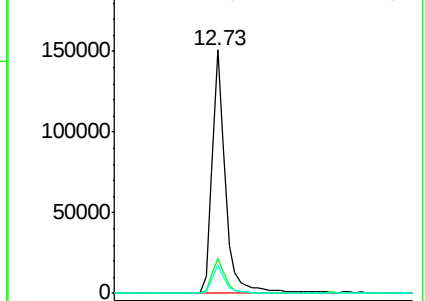
183 11.7 9.3 13.9



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: 42.167 ng

RT: 12.85 min Scan# 1830

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

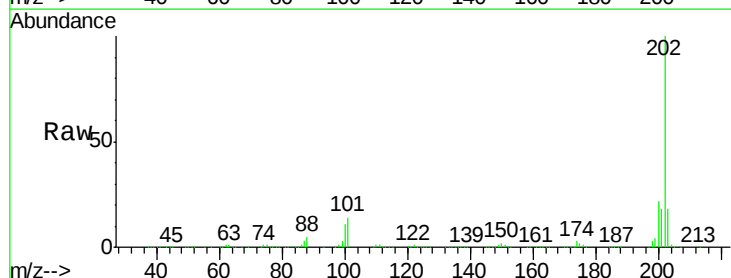
Tgt Ion:202 Resp: 1213554

Ion Ratio Lower Upper

202 100

200 22.2 18.7 28.1

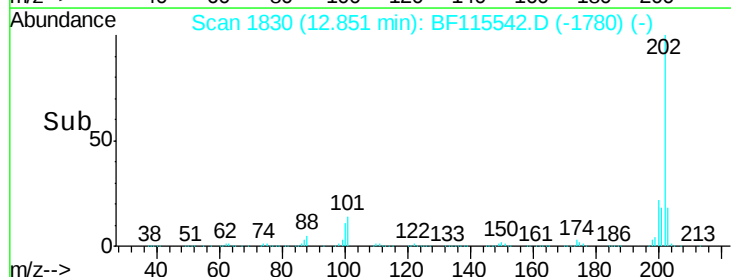
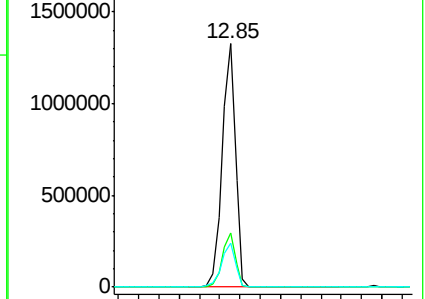
203 18.1 15.2 22.8

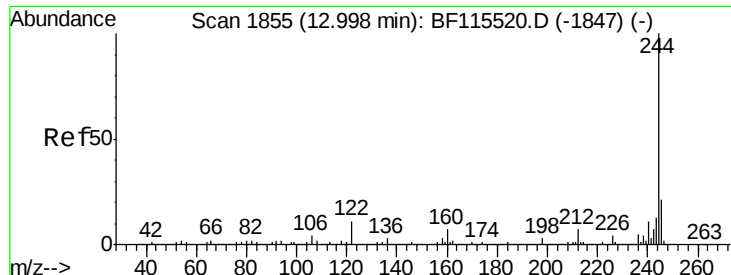


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 92.494 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

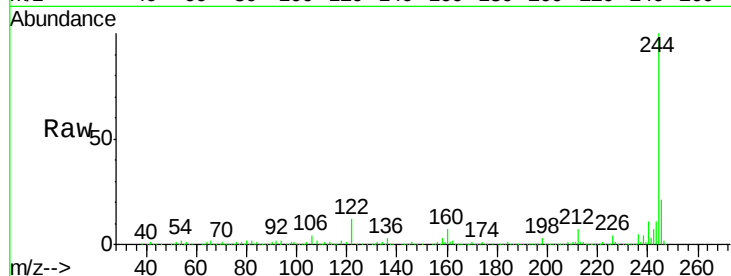
Tot Ion:244 Resp: 1702794

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

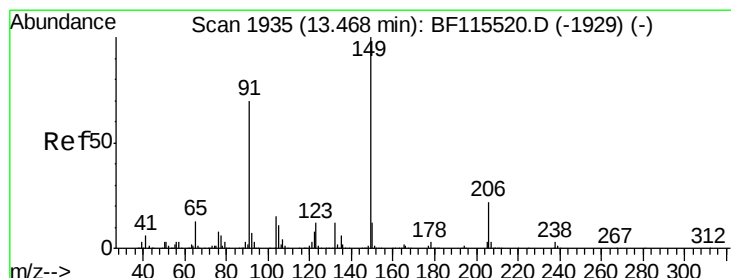
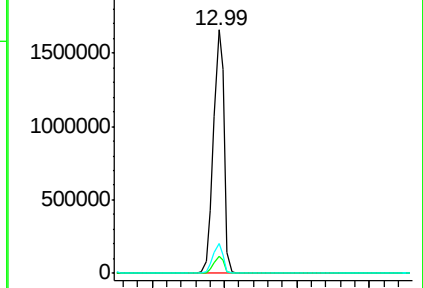
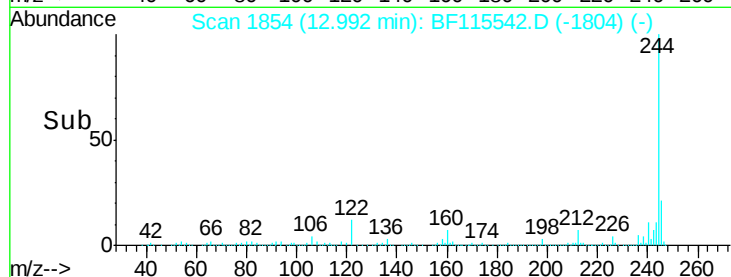
122 12.0 8.6 12.8



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: 45.252 ng

RT: 13.46 min Scan# 1934

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

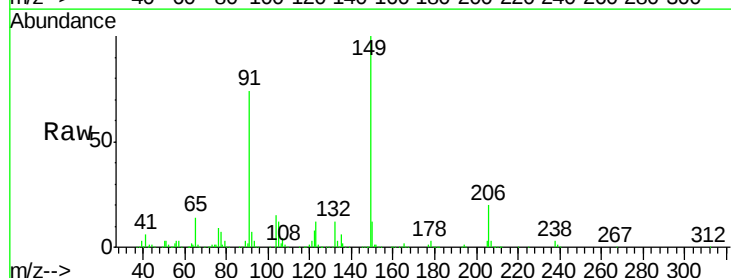
Tgt Ion:149 Resp: 555189

Ion Ratio Lower Upper

149 100

91 74.2 55.8 83.8

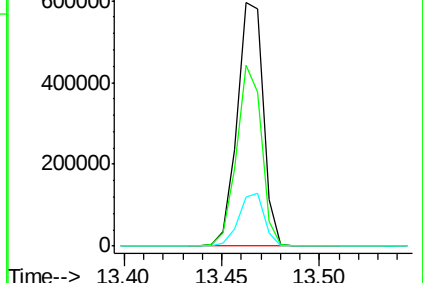
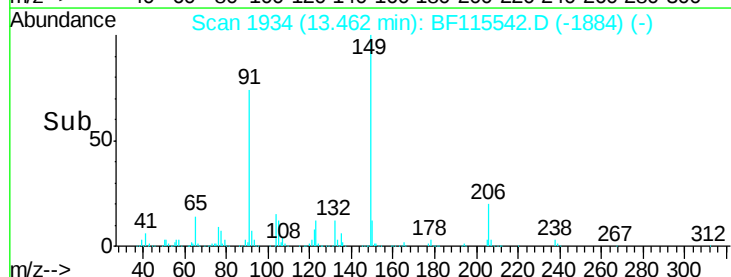
206 20.4 18.2 27.2

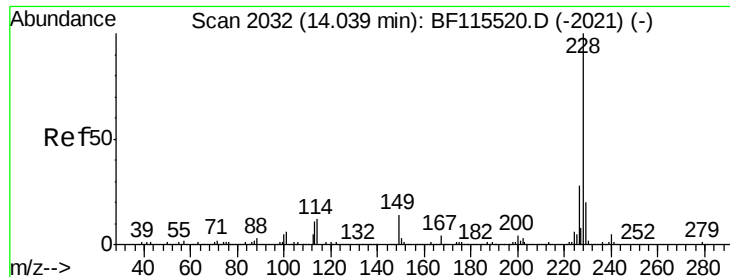


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

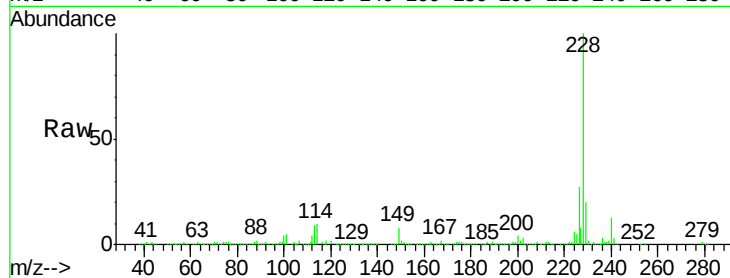




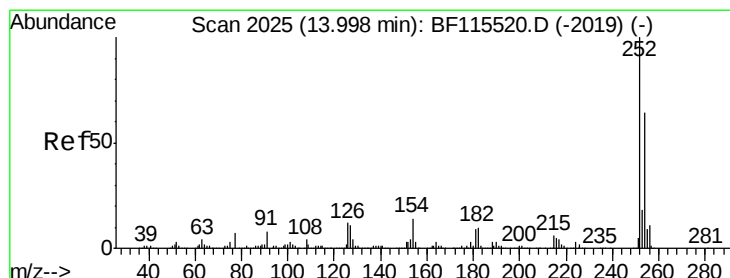
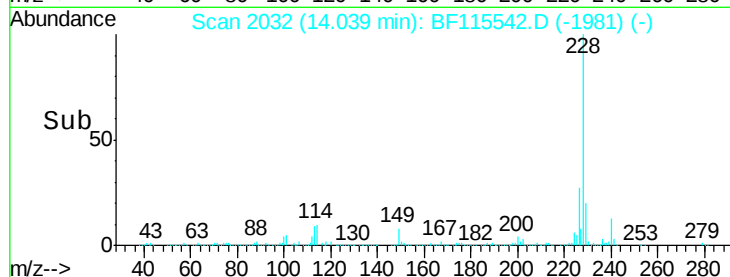
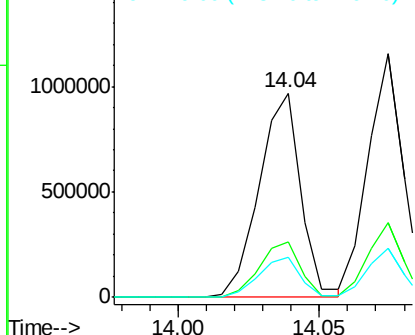
#81
Benzo(a)anthracene
Concen: 44.243 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.00 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:228 Resp: 990122
Ion Ratio Lower Upper
228 100
226 27.3 23.4 35.0
229 19.6 17.2 25.8

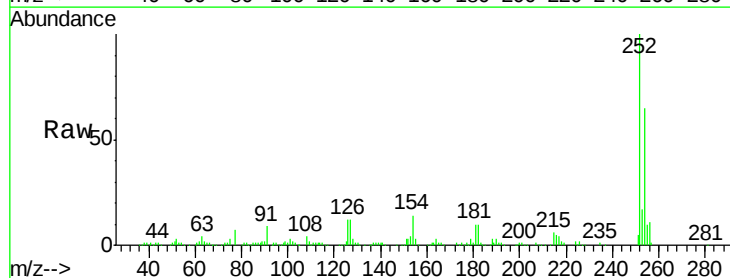


Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E

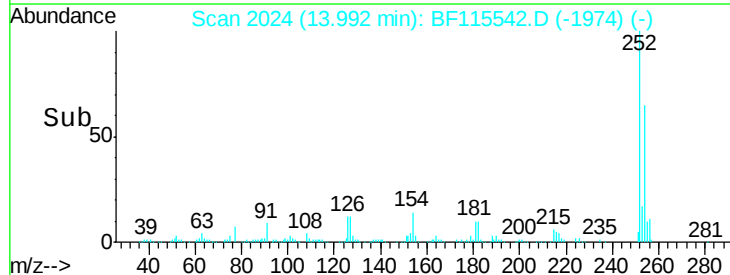
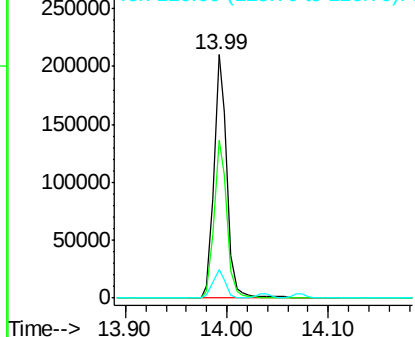


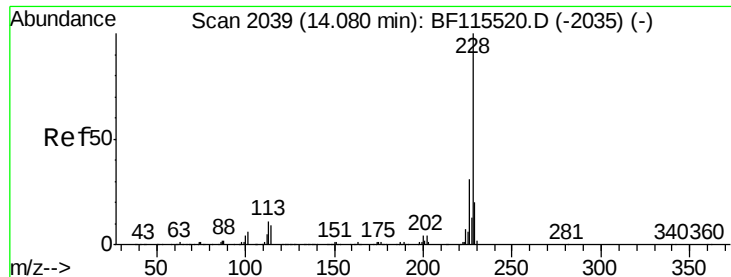
#82
3,3'-Dichlorobenzidine
Concen: 23.698 ng
RT: 13.99 min Scan# 2024
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt Ion:252 Resp: 188534
Ion Ratio Lower Upper
252 100
254 64.9 52.9 79.3
126 11.9 9.9 14.9



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E

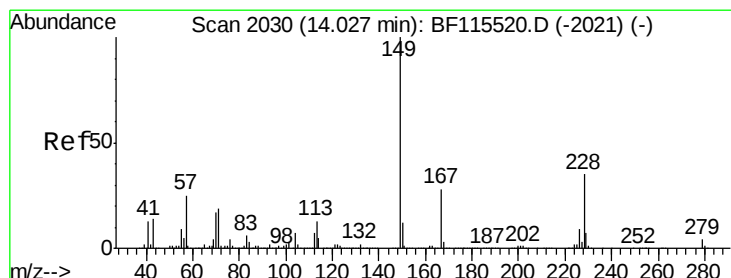
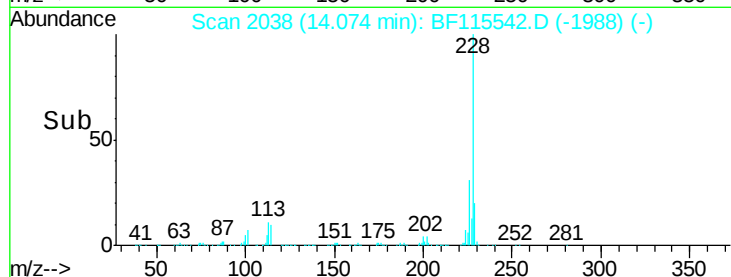
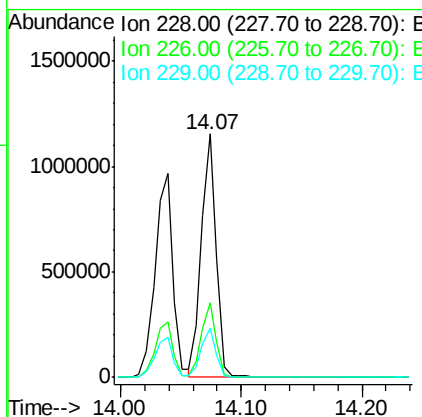
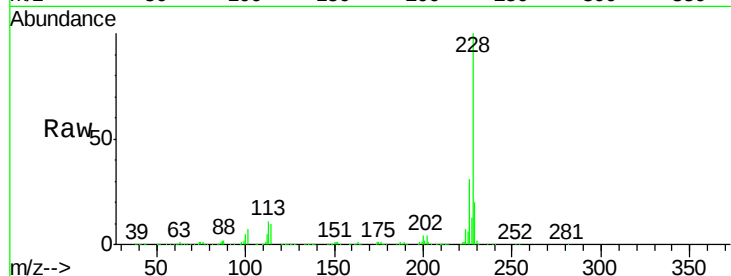




#83
 Chrvsene
 Concen: 44.221 ng
 RT: 14.07 min Scan# 2038
 Delta R.T. -0.01 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

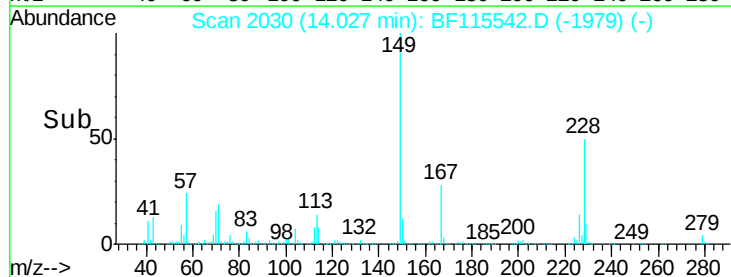
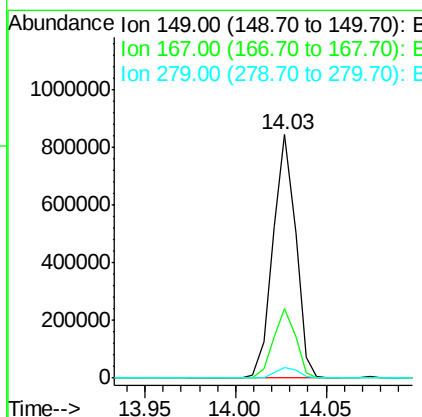
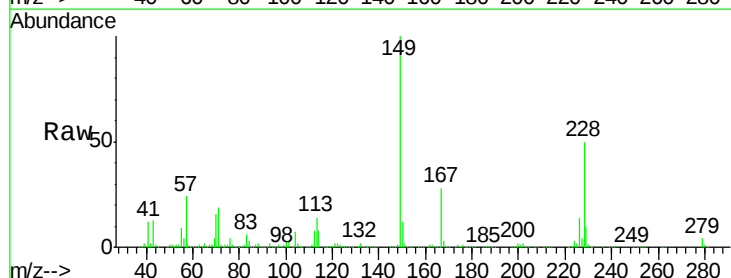
Instrument :
 BNA_F
 ClientSampleId :

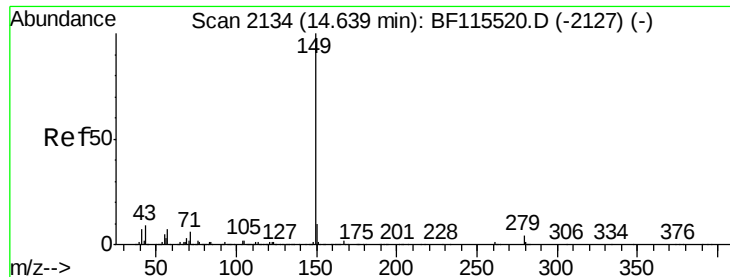
Tot Ion:228 Resp: 993443
 Ion Ratio Lower Upper
 228 100
 226 30.7 25.7 38.5
 229 20.2 16.6 25.0



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 48.420 ng
 RT: 14.03 min Scan# 2030
 Delta R.T. -0.00 min
 Lab File: BF115542.D
 Acq: 12 Jul 2019 22:26

Tgt Ion:149 Resp: 735843
 Ion Ratio Lower Upper
 149 100
 167 28.4 23.0 34.4
 279 4.3 4.2 6.2

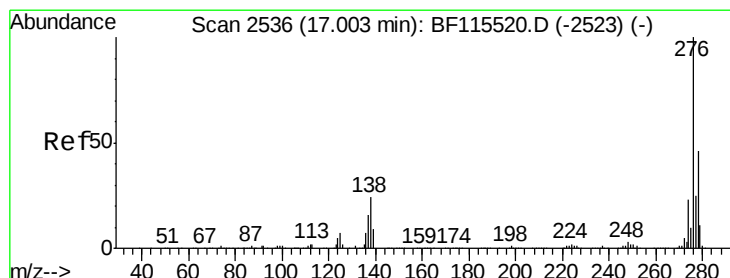
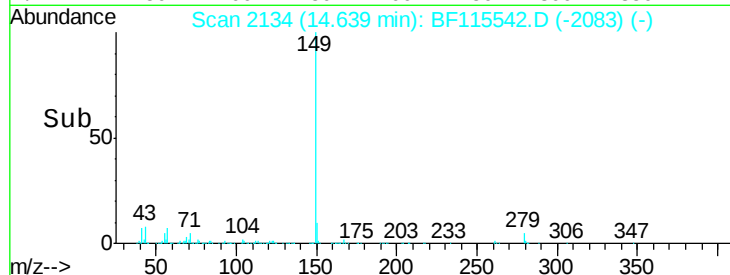
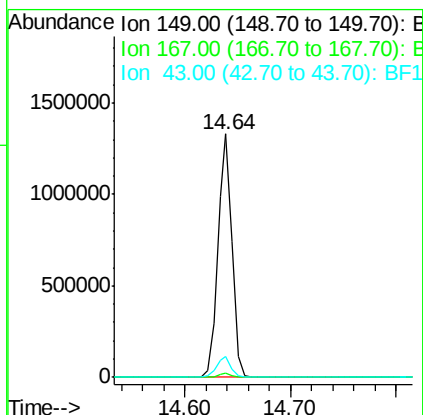
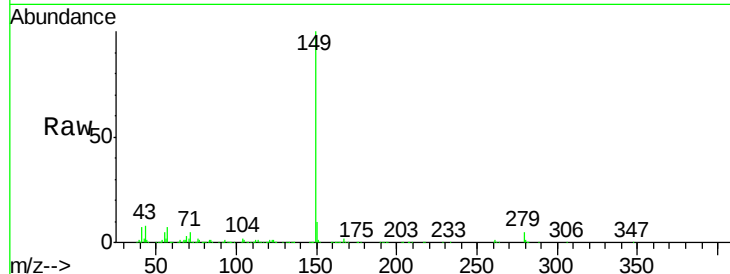




#85
Di-n-octyl phthalate
Concen: 51.712 ng
RT: 14.64 min Scan# 2134
Delta R.T. -0.00 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

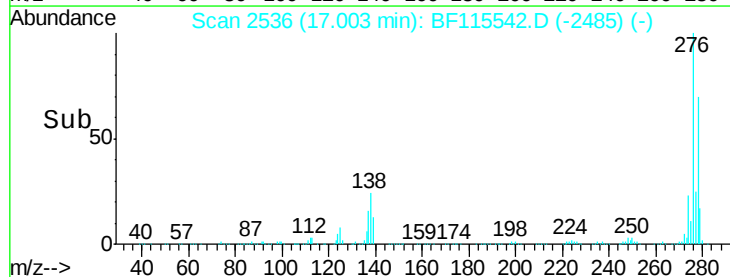
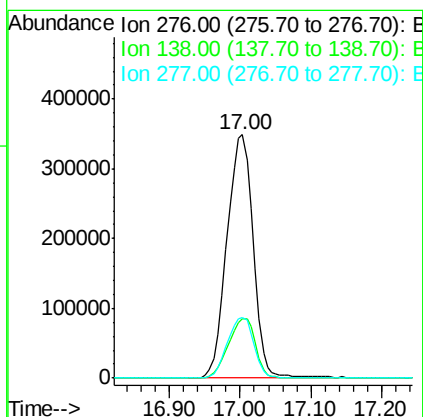
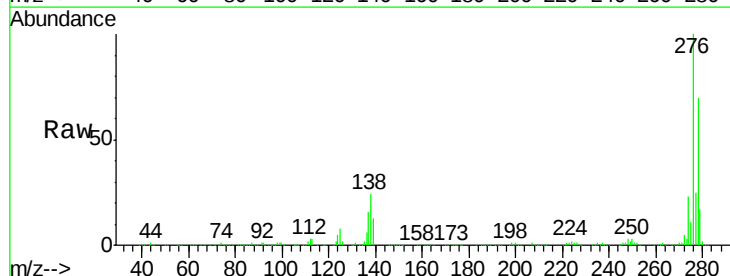
Instrument :
BNA_F
ClientSampleId :

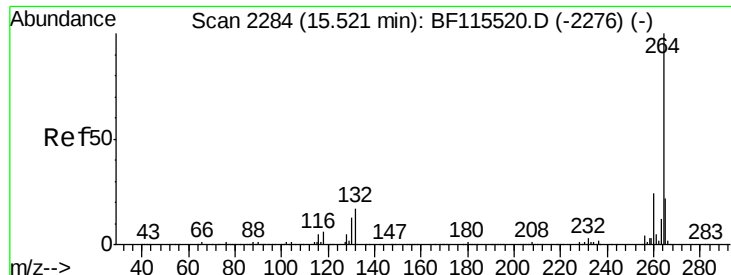
Tot Ion:149 Resp: 1250402
Ion Ratio Lower Upper
149 100
167 1.6 1.4 2.0
43 8.4 7.2 10.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 47.359 ng
RT: 17.00 min Scan# 2536
Delta R.T. -0.00 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt Ion:276 Resp: 903907
Ion Ratio Lower Upper
276 100
138 25.2 20.2 30.2
277 25.3 20.4 30.6

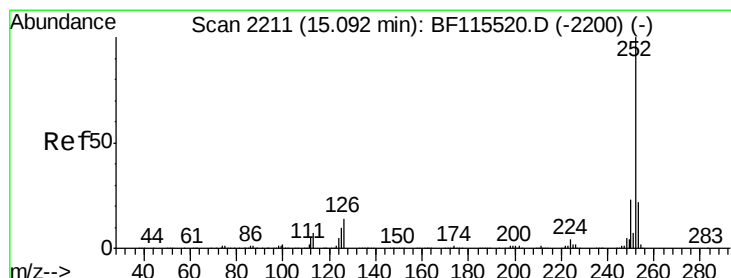
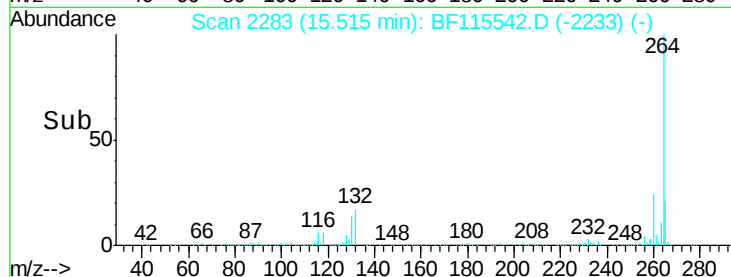
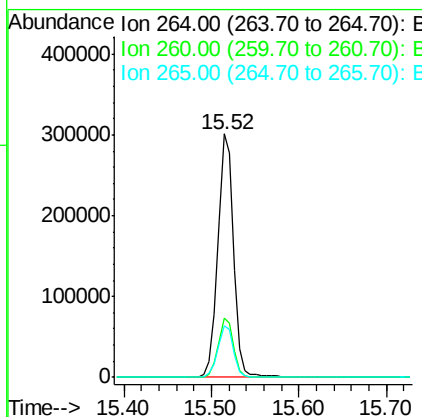
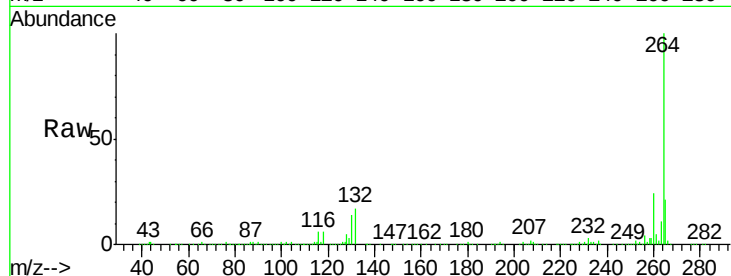




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2283
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

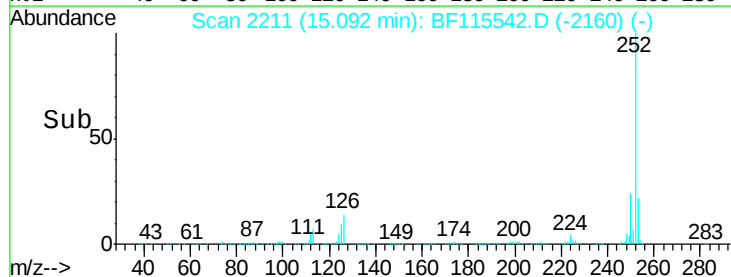
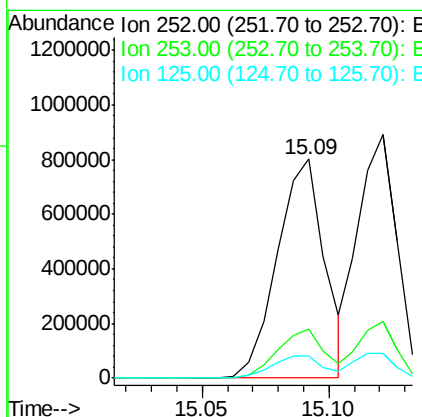
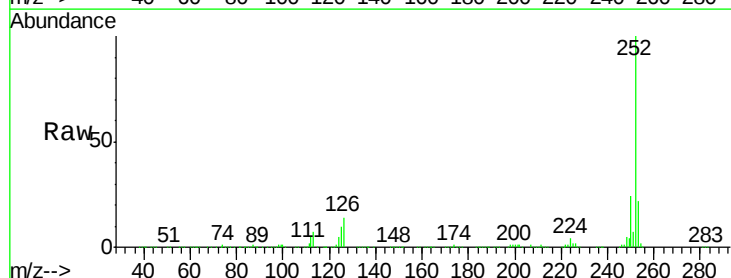
Instrument :
BNA_F
ClientSampleId :

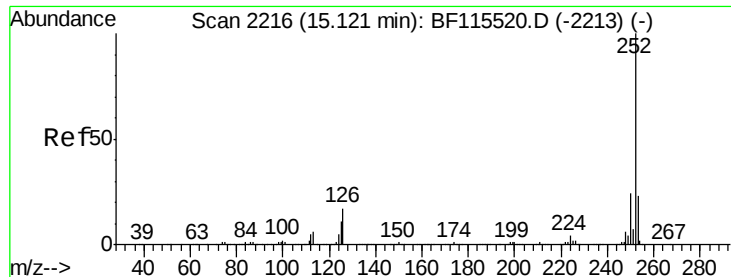
Tot Ion:264 Resp: 379381
Ion Ratio Lower Upper
264 100
260 24.4 19.8 29.8
265 21.5 17.7 26.5



#88
Benzo(b)fluoranthene
Concen: 42.657 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.00 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt Ion:252 Resp: 1042068
Ion Ratio Lower Upper
252 100
253 22.5 18.1 27.1
125 10.1 9.0 13.4

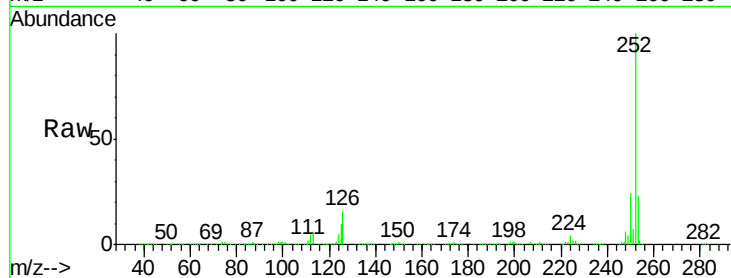




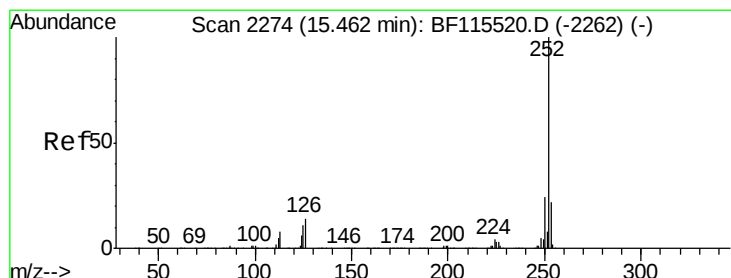
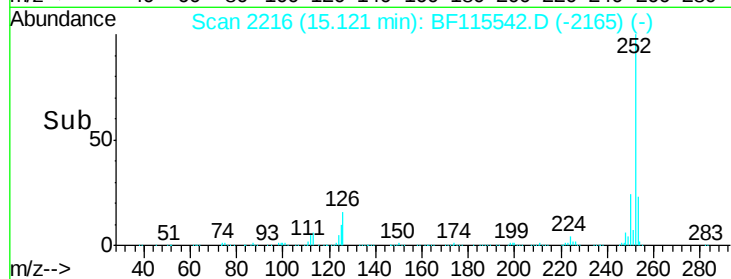
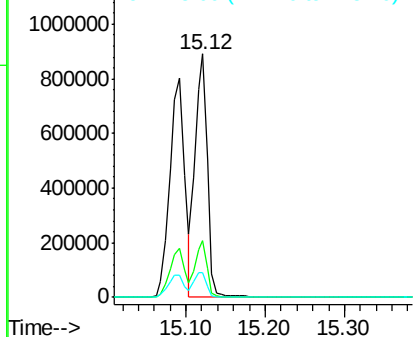
#89
Benzo(k)fluoranthene
Concen: 44.617 ng
RT: 15.12 min Scan# 2216
Delta R.T. -0.00 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 971742
Ion Ratio Lower Upper
252 100
253 23.4 18.6 28.0
125 10.3 9.0 13.6

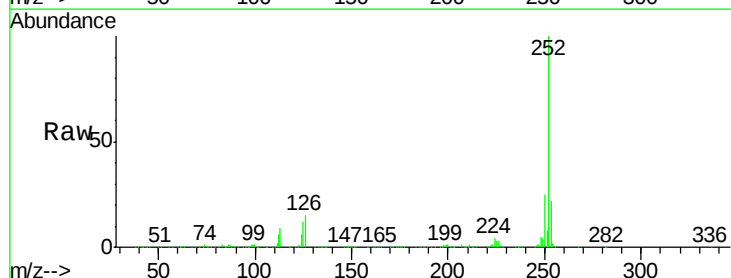


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

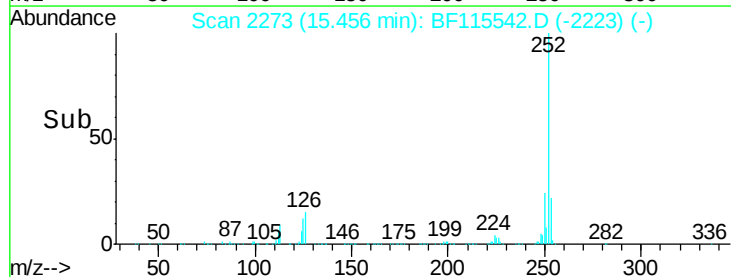
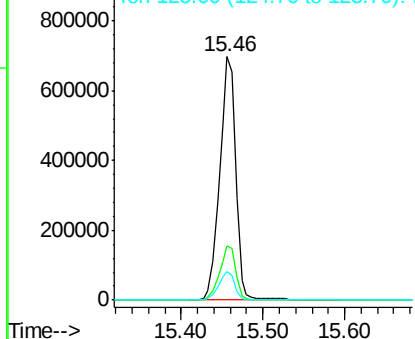


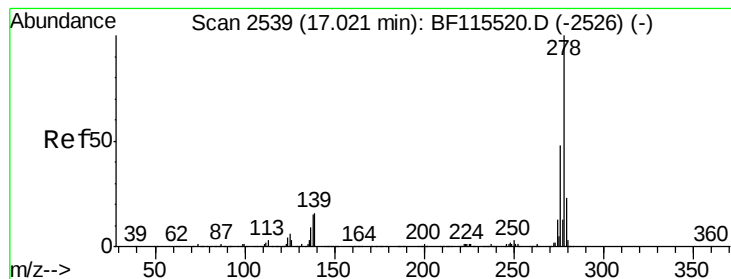
#90
Benzo(a)pyrene
Concen: 45.257 ng
RT: 15.46 min Scan# 2273
Delta R.T. -0.01 min
Lab File: BF115542.D
Acq: 12 Jul 2019 22:26

Tgt Ion:252 Resp: 950233
Ion Ratio Lower Upper
252 100
253 22.3 17.8 26.6
125 12.0 9.1 13.7



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





#91

Dibenzo(a,h)anthracene

Concen: 41.403 ng

RT: 17.02 min Scan# 2538

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

Instrument :

BNA_F

ClientSampleId :

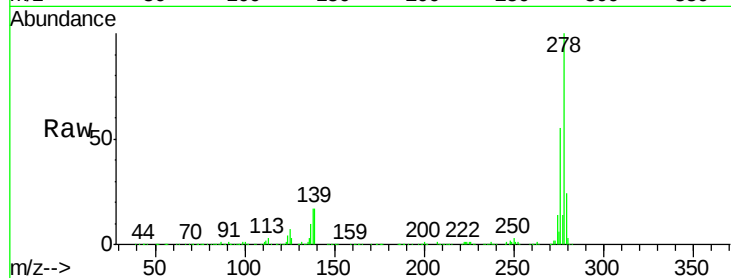
Tot Ion:278 Resp: 763171

Ion Ratio Lower Upper

278 100

139 16.5 13.1 19.7

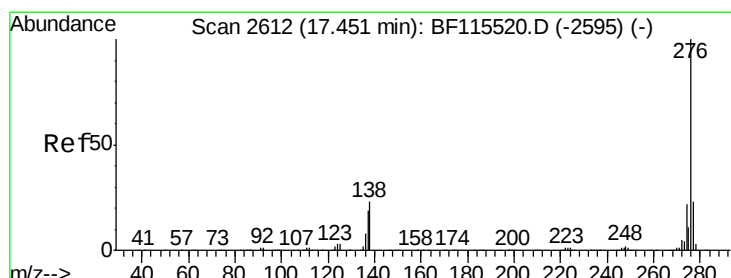
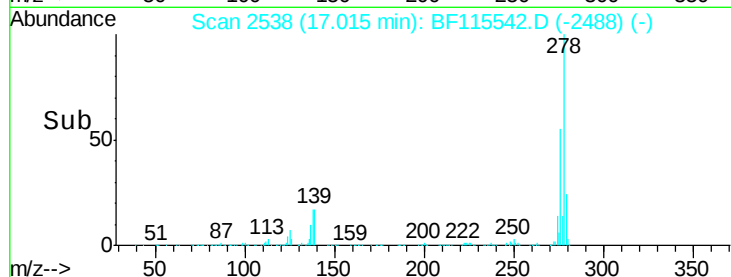
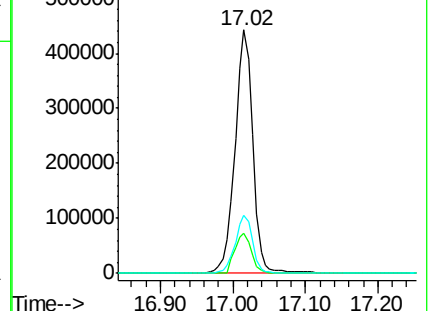
279 23.6 19.6 29.4



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: 38.754 ng

RT: 17.44 min Scan# 2611

Delta R.T. -0.01 min

Lab File: BF115542.D

Acq: 12 Jul 2019 22:26

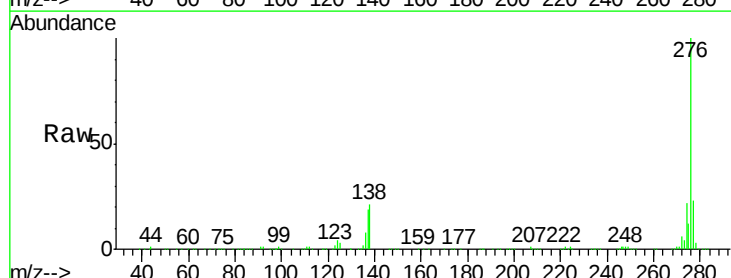
Tgt Ion:276 Resp: 712431

Ion Ratio Lower Upper

276 100

277 23.1 19.0 28.4

138 21.3 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

