

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115508.D
 Acq On : 11 Jul 2019 21:35
 Operator : HP/JU
 Sample : K3751-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 03:15:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	138895	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	550586	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	281698	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	581652	20.00	ng	0.00
76) Chrysene-d12	14.06	240	434917	20.00	ng	-0.01
87) Perylene-d12	15.53	264	431672	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1016507	113.07	ng	0.00
7) Phenol-d6	6.52	99	1342574	117.43	ng	0.00
23) Nitrobenzene-d5	7.46	82	833731	89.47	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	417276	133.97	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1484941	92.50	ng	0.00
79) Terphenyl-d14	13.00	244	1825085	85.92	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.72	88	135945	30.830	ng	99
3) Pyridine	3.49	79	166990	13.696	ng	98
4) n-Nitrosodimethylamine	3.42	42	145241	29.375	ng	100
6) Aniline	6.56	93	343912	21.316	ng	99
8) 2-Chlorophenol	6.68	128	369372	36.388	ng	97
9) Benzaldehyde	6.44	77	198691	28.239	ng	99
10) Phenol	6.53	94	478950	35.012	ng	99
11) bis(2-Chloroethyl)ether	6.63	93	344189	33.917	ng	98
12) 1,3-Dichlorobenzene	6.84	146	393685	35.400	ng	98
13) 1,4-Dichlorobenzene	6.91	146	399935	35.902	ng	99
14) 1,2-Dichlorobenzene	7.07	146	376396	36.495	ng	98
15) Benzyl Alcohol	7.03	79	330999	36.078	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	455545	32.104	ng	99
17) 2-Methylphenol	7.14	107	316835	36.433	ng	100
18) Hexachloroethane	7.41	117	143597	34.603	ng	95
19) n-Nitroso-di-n-propylamine	7.30	70	256165	33.118	ng	96
20) 3+4-Methylphenols	7.29	107	387274	37.701	ng	97
22) Acetophenone	7.30	105	505220	38.294	ng	# 99
24) Nitrobenzene	7.47	77	397978	37.815	ng	99
25) Isophorone	7.71	82	720263	35.659	ng	98
26) 2-Nitrophenol	7.79	139	203066	46.933	ng	94
27) 2,4-Dimethylphenol	7.83	122	330361	40.042	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	441582	35.453	ng	99
29) 2,4-Dichlorophenol	8.03	162	326011	39.673	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	351890	38.465	ng	98
31) Naphthalene	8.20	128	1067798	39.045	ng	100
32) Benzoic acid	7.91	122	91108	19.292	ng	98
33) 4-Chloroaniline	8.24	127	173240	14.198	ng	97
34) Hexachlorobutadiene	8.32	225	194636	37.516	ng	100
35) Caprolactam	8.60	113	60781	22.710	ng	98
36) 4-Chloro-3-methylphenol	8.72	107	346720	39.890	ng	97
37) 2-Methylnaphthalene	8.89	142	722119	39.505	ng	99
38) 1-Methylnaphthalene	8.99	142	676568	38.792	ng	99
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	323489	39.917	ng	99

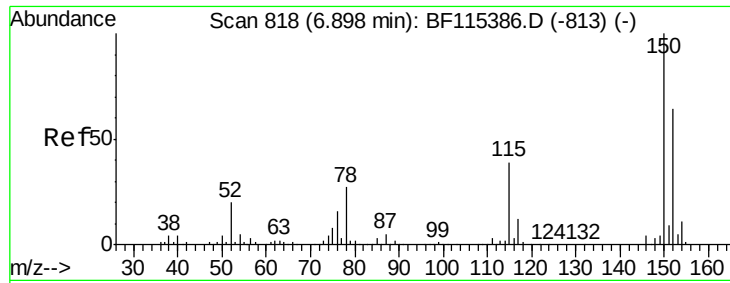
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF071119\
 Data File : BF115508.D
 Acq On : 11 Jul 2019 21:35
 Operator : HP/JU
 Sample : K3751-01MS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 12 03:15:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 10 16:47:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	351553	74.845	ng	99
43) 2,4,6-Trichlorophenol	9.17	196	235302	39.882	ng	96
44) 2,4,5-Trichlorophenol	9.20	196	251813	41.160	ng	96
46) 1,1'-Biphenyl	9.36	154	890177	40.196	ng	98
47) 2-Chloronaphthalene	9.38	162	709630	38.771	ng	99
48) 2-Nitroaniline	9.47	65	213668	39.734	ng	99
49) Acenaphthylene	9.80	152	1087423	39.241	ng	98
50) Dimethylphthalate	9.65	163	1081987	51.174	ng	100
51) 2,6-Dinitrotoluene	9.71	165	193772	42.257	ng	99
52) Acenaphthene	9.97	154	732405	41.995	ng	99
53) 3-Nitroaniline	9.87	138	156872	29.455	ng	96
54) 2,4-Dinitrophenol	9.98	184	139392	71.614	ng	88
55) Dibenzofuran	10.14	168	989143	40.262	ng	99
56) 4-Nitrophenol	10.04	139	359420	87.227	ng	95
57) 2,4-Dinitrotoluene	10.12	165	260449	44.692	ng	89
58) Fluorene	10.48	166	736824	38.046	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	218228	41.292	ng	100
60) Diethylphthalate	10.36	149	803043	38.587	ng	100
61) 4-Chlorophenyl-phenylether	10.47	204	372734	39.433	ng	94
62) 4-Nitroaniline	10.49	138	219908	42.066	ng	99
63) Azobenzene	10.63	77	790853	36.865	ng	98
65) 4,6-Dinitro-2-methylphenol	10.52	198	127743	46.216	ng	99
66) n-Nitrosodiphenylamine	10.59	169	690212	37.661	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	240983	36.923	ng	98
68) Hexachlorobenzene	11.03	284	272718	37.238	ng	97
69) Atrazine	11.12	200	235299	41.486	ng	100
70) Pentachlorophenol	11.22	266	327249	73.321	ng	99
71) Phenanthrene	11.45	178	1169527	38.232	ng	99
72) Anthracene	11.50	178	1225684	39.957	ng	99
73) Carbazole	11.65	167	1115967	39.766	ng	99
74) Di-n-butylphthalate	11.98	149	1277799	37.676	ng	100
75) Fluoranthene	12.63	202	1293470	40.158	ng	97
77) Benzidine	12.75	184	173860	10.251	ng	97
78) Pyrene	12.86	202	1329700	39.316	ng	99
80) Butylbenzylphthalate	13.47	149	567046	38.373	ng	98
81) Benzo(a)anthracene	14.05	228	1083752	38.891	ng	98
82) 3,3'-Dichlorobenzidine	14.00	252	310603	30.718	ng	97
83) Chrysene	14.09	228	1111729	38.828	ng	99
84) Bis(2-ethylhexyl)phthalate	14.04	149	737587	40.305	ng	99
85) Di-n-octyl phthalate	14.65	149	1261478	38.721	ng	99
86) Indeno(1,2,3-cd)pyrene	17.03	276	1135166	48.920	ng	100
88) Benzo(b)fluoranthene	15.10	252	1022362	36.376	ng	99
89) Benzo(k)fluoranthene	15.13	252	1002589	40.111	ng	99
90) Benzo(a)pyrene	15.47	252	968748	39.963	ng	99
91) Dibenzo(a,h)anthracene	17.04	278	936084	45.189	ng	99
92) Benzo(g,h,i)perylene	17.47	276	958561	48.889	ng	99

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

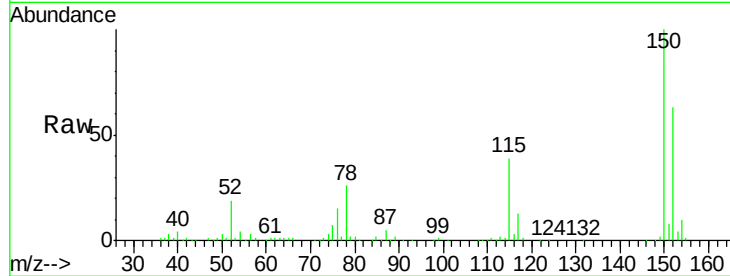


#1

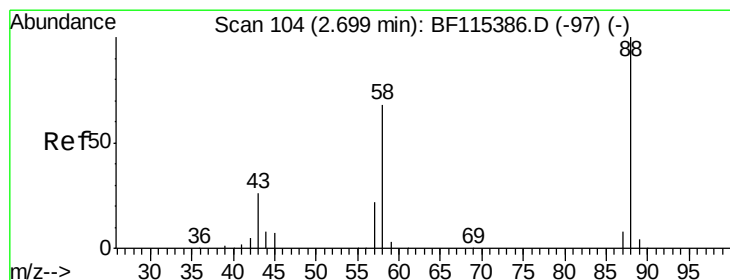
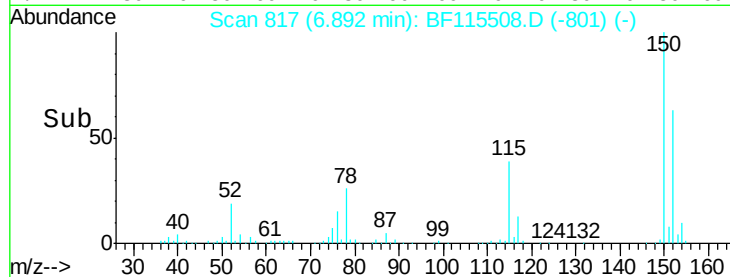
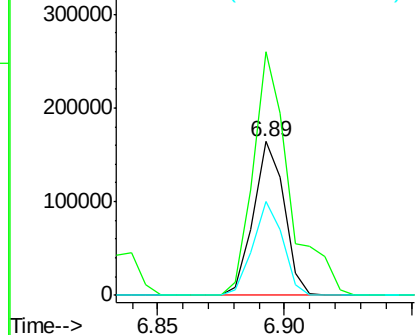
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 138895
Ion Ratio Lower Upper
152 100
150 158.2 127.4 191.2
115 61.4 46.2 69.4



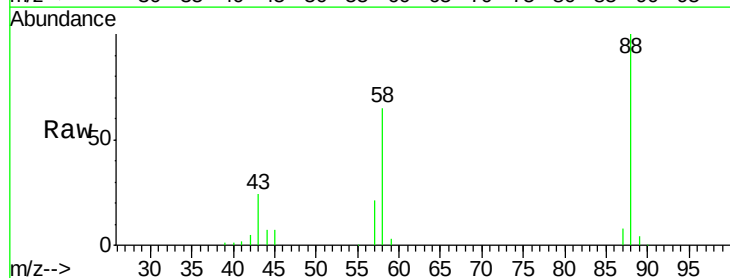
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



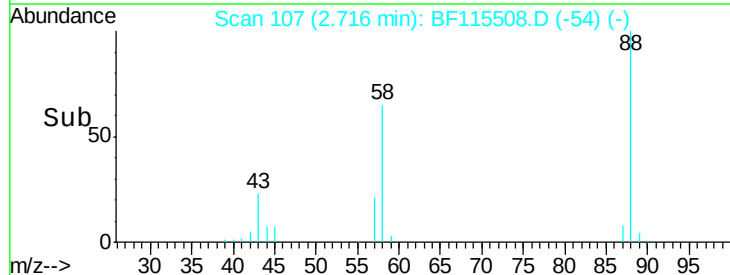
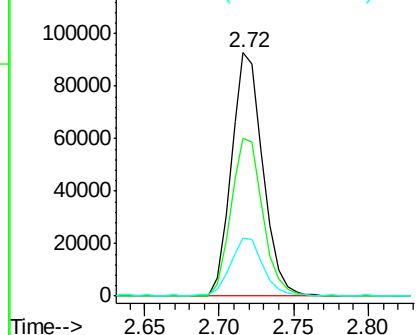
#2

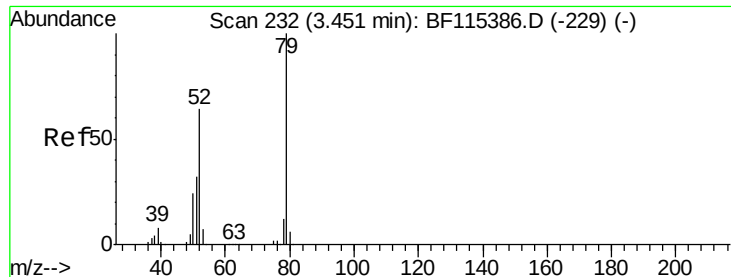
1,4-Dioxane
Concen: 30.830 ng
RT: 2.72 min Scan# 107
Delta R.T. 0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion: 88 Resp: 135945
Ion Ratio Lower Upper
88 100
58 65.4 52.5 78.7
43 25.3 19.0 28.6



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: 13.696 ng

RT: 3.49 min Scan# 239

Delta R.T. 0.03 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

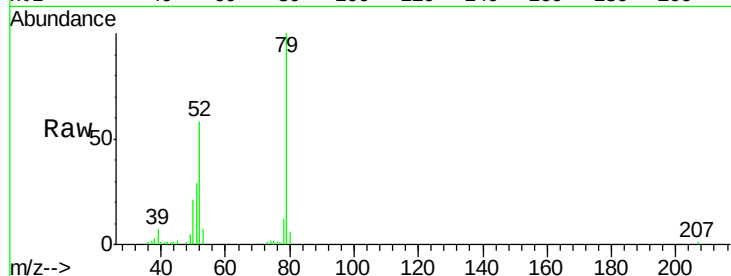
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 79 Resp: 166990

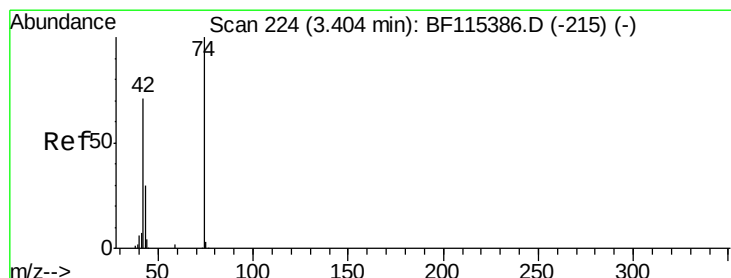
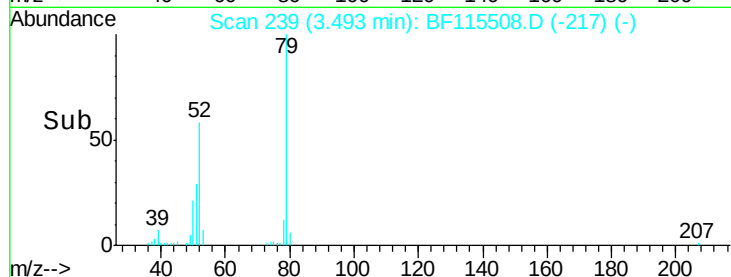
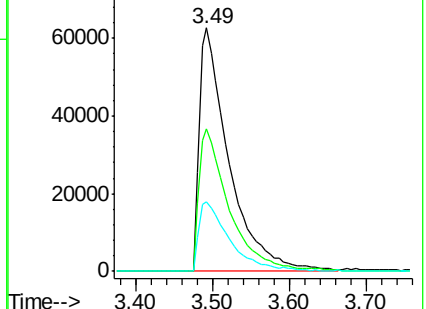
Ion	Ratio	Lower	Upper
79	100		
52	58.3	48.2	72.2
51	28.8	23.2	34.8



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: 29.375 ng

RT: 3.42 min Scan# 226

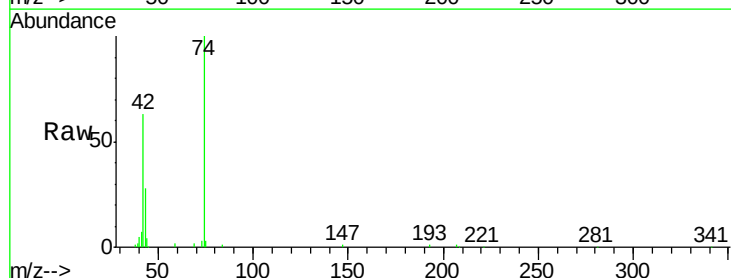
Delta R.T. 0.00 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

Tgt Ion: 42 Resp: 145241

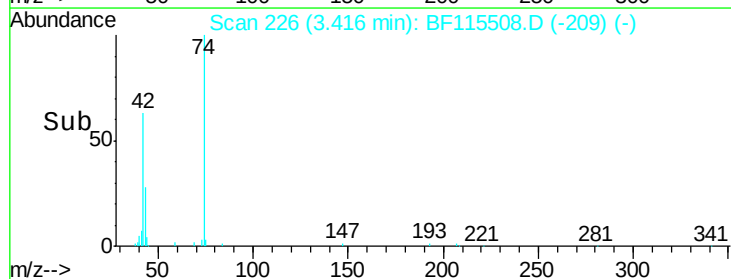
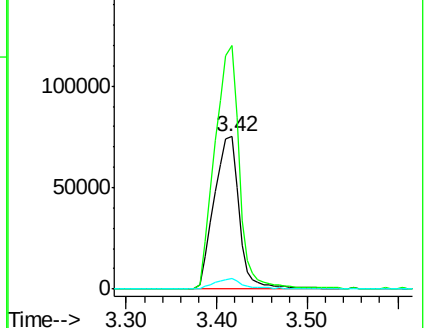
Ion	Ratio	Lower	Upper
42	100		
74	160.0	128.5	192.7
44	6.9	5.3	7.9

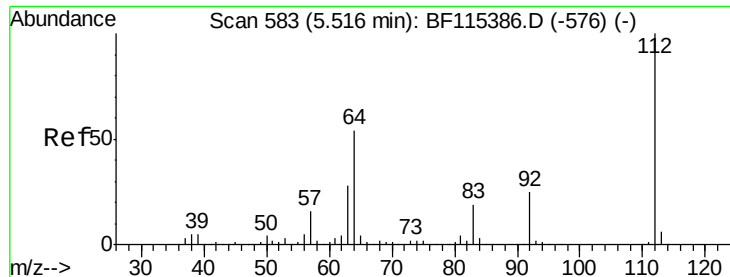


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 113.073 ng

RT: 5.52 min Scan# 583

Delta R.T. 0.00 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

Instrument :

BNA_F

ClientSampleId :

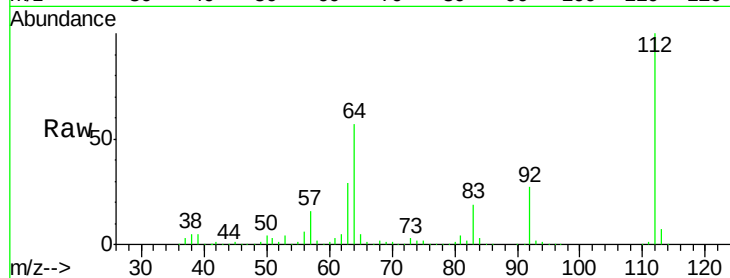
Tot Ion:112 Resp: 1016507

Ion Ratio Lower Upper

112 100

64 57.2 44.2 66.2

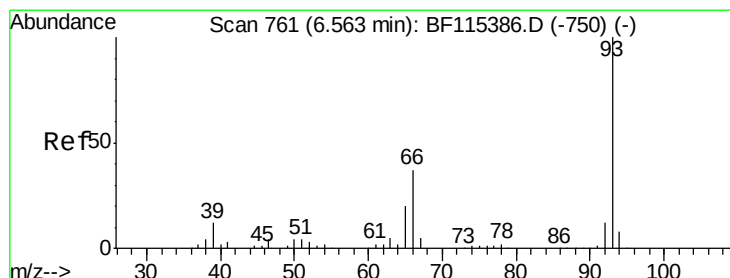
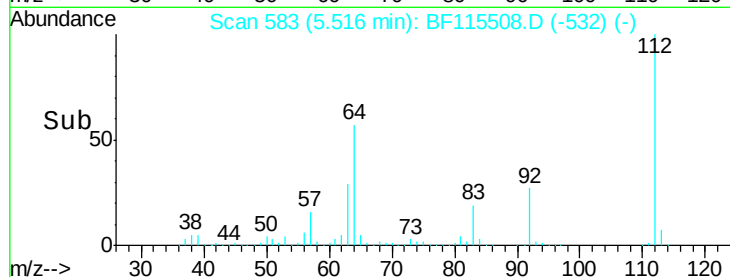
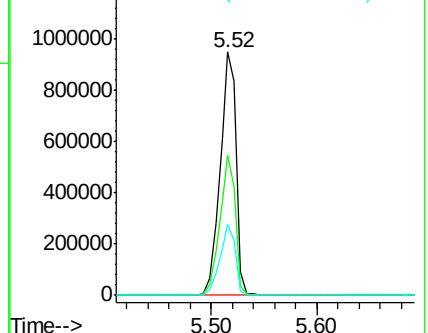
63 28.9 22.1 33.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 21.316 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

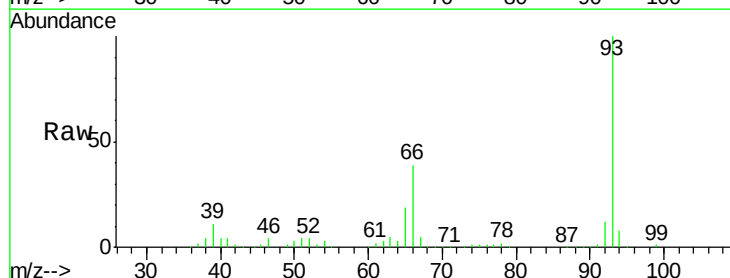
Tgt Ion: 93 Resp: 343912

Ion Ratio Lower Upper

93 100

66 38.6 31.3 46.9

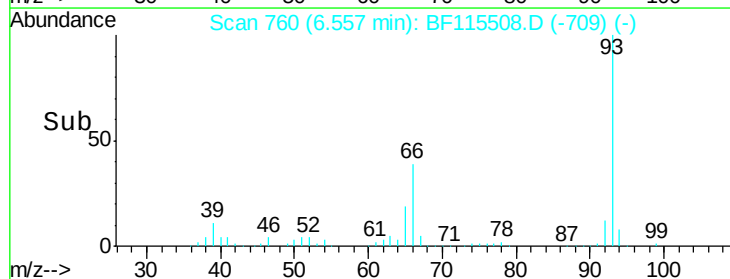
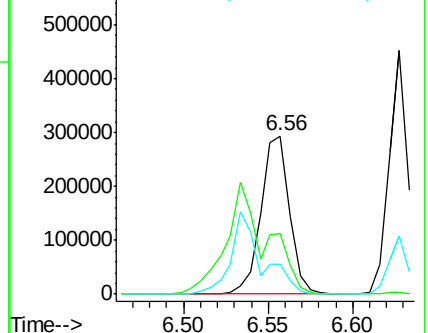
65 18.9 15.9 23.9

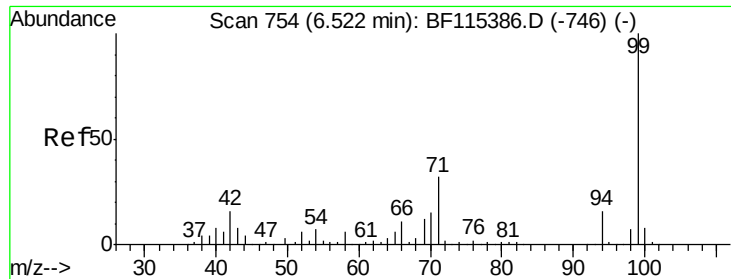


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 117.428 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

Instrument :

BNA_F

ClientSampleId :

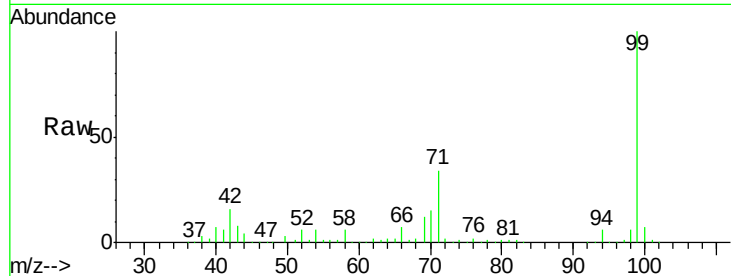
Tot Ion: 99 Resp: 1342574

Ion Ratio Lower Upper

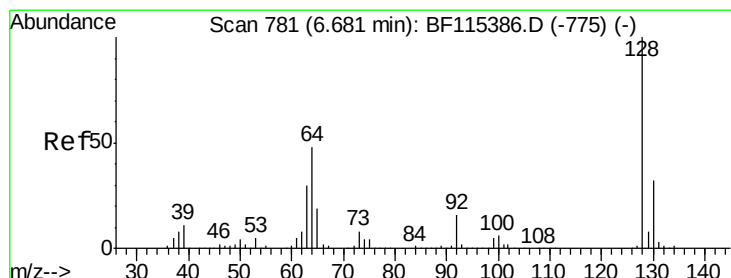
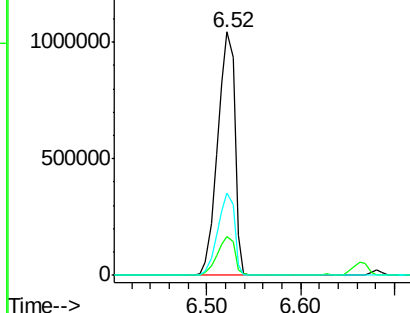
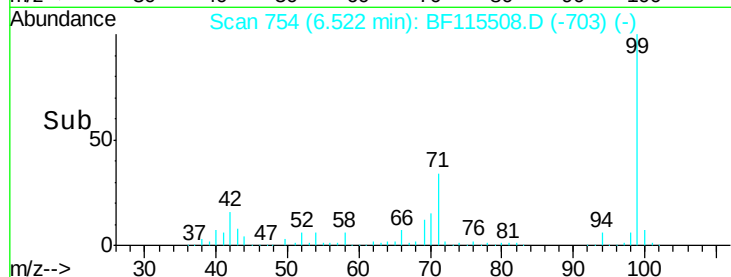
99 100

42 15.8 12.8 19.2

71 33.8 26.5 39.7



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: 36.388 ng

RT: 6.68 min Scan# 781

Delta R.T. 0.00 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

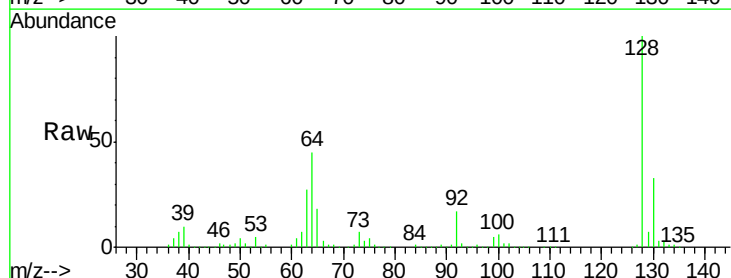
Tgt Ion: 128 Resp: 369372

Ion Ratio Lower Upper

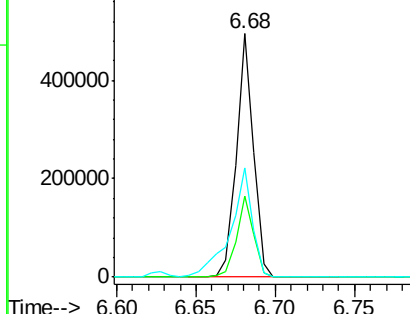
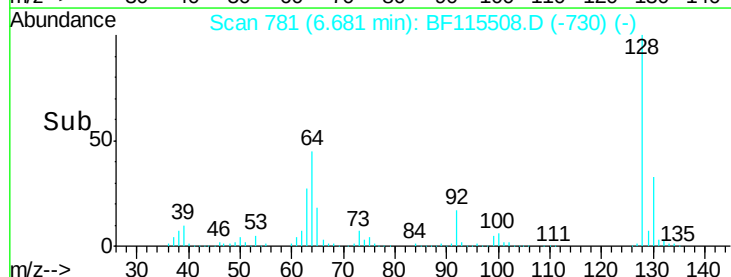
128 100

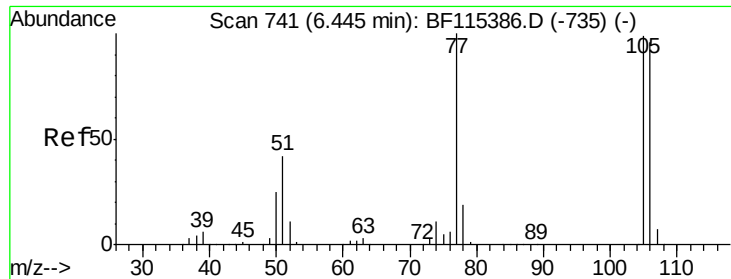
130 33.4 11.8 51.8

64 44.9 27.0 67.0



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: 28.239 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

Instrument :

BNA_F

ClientSampleId :

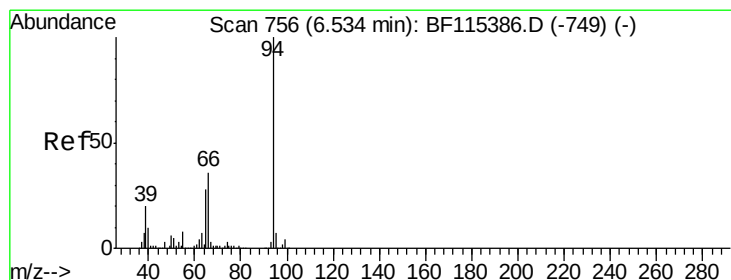
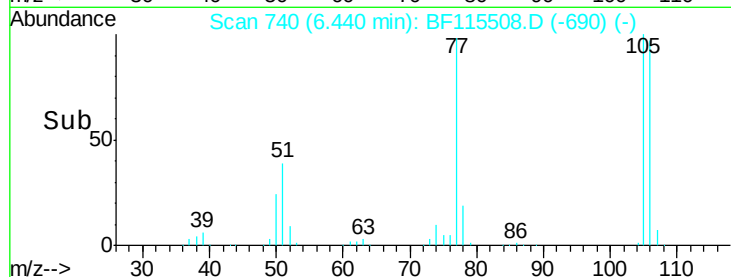
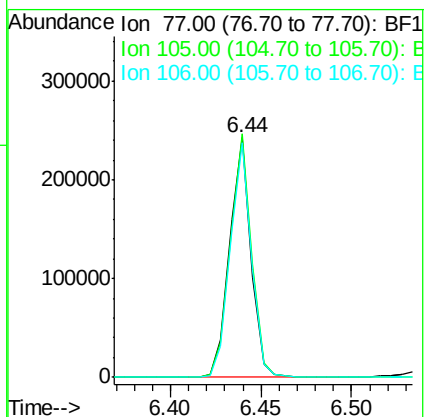
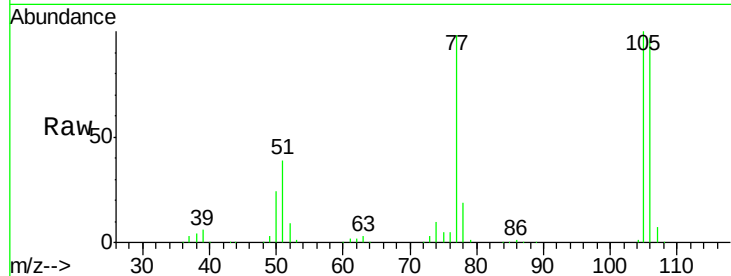
Tot Ion: 77 Resp: 198691

Ion Ratio Lower Upper

77 100

105 101.7 82.9 122.9

106 98.2 77.8 117.8



#10

Phenol

Concen: 35.012 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.01 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

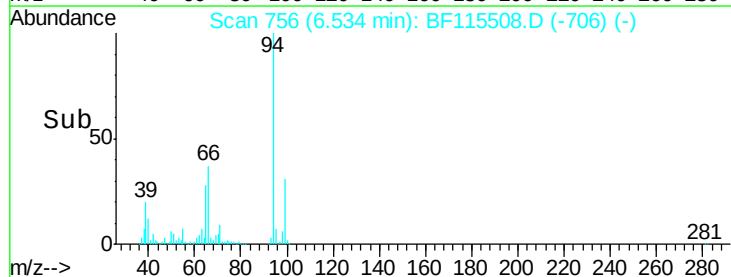
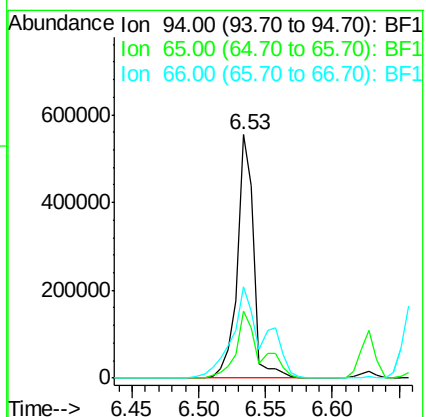
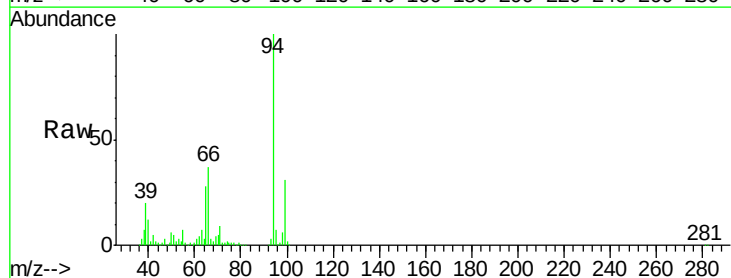
Tgt Ion: 94 Resp: 478950

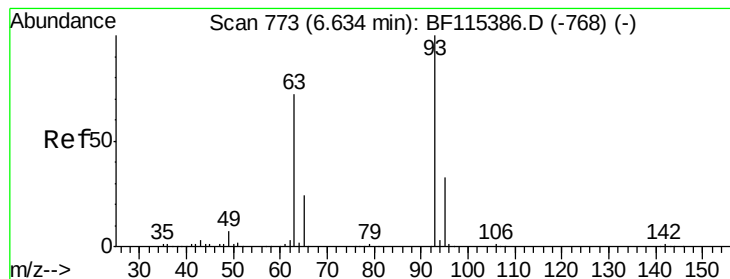
Ion Ratio Lower Upper

94 100

65 27.7 7.2 47.2

66 37.4 16.9 56.9





#11

bis(2-Chloroethyl)ether

Concen: 33.917 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

Instrument :

BNA_F

ClientSampleId :

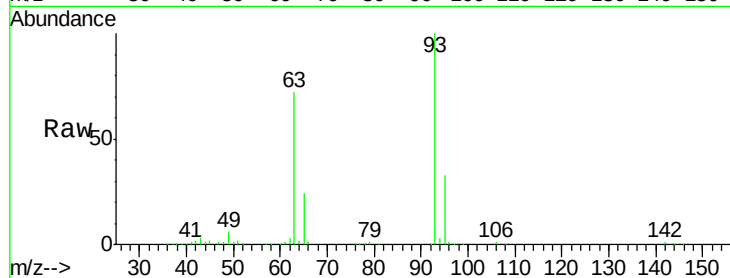
Tot Ion: 93 Resp: 344189

Ion Ratio Lower Upper

93 100

63 71.9 50.0 90.0

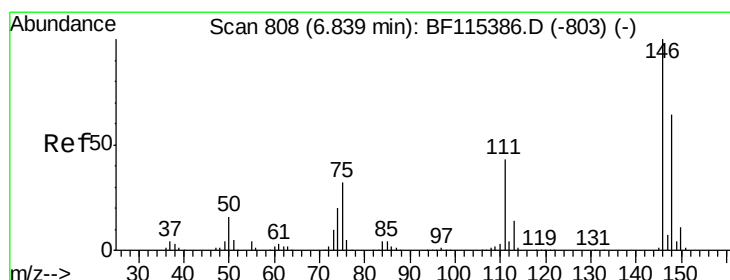
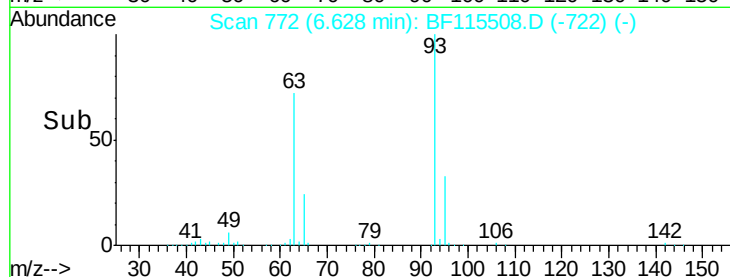
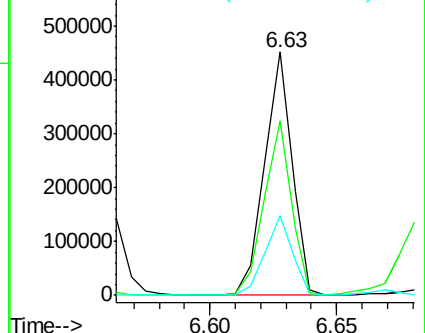
95 32.8 12.6 52.6



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 35.400 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

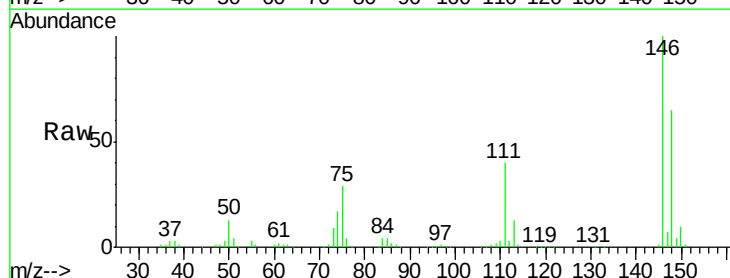
Tgt Ion: 146 Resp: 393685

Ion Ratio Lower Upper

146 100

148 65.1 52.3 78.5

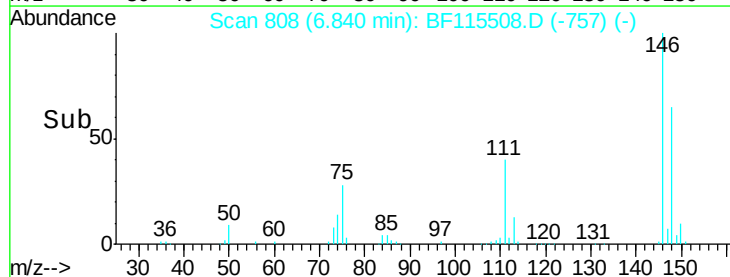
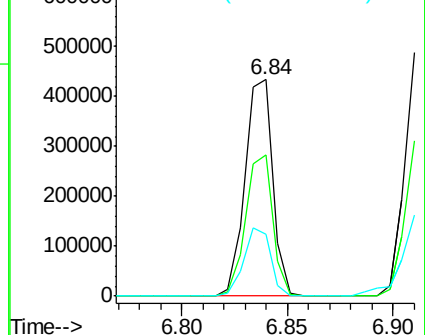
75 28.7 24.8 37.2

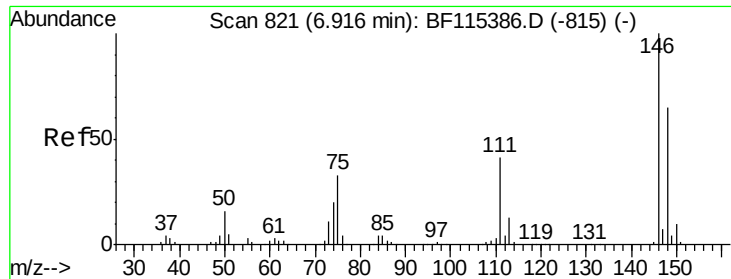


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

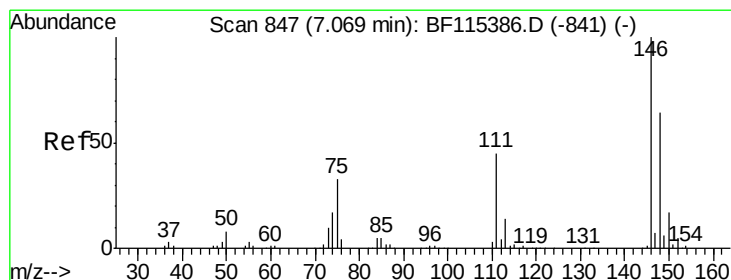
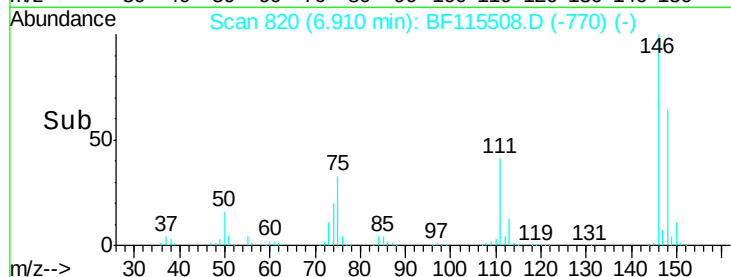
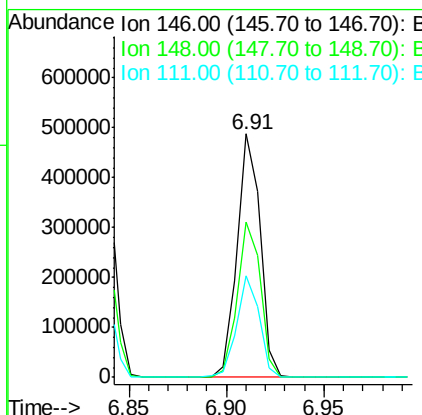
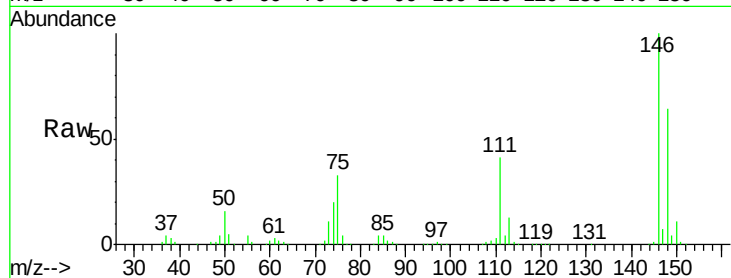




#13
 1,4-Dichlorobenzene
 Concen: 35.902 ng
 RT: 6.91 min Scan# 820
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

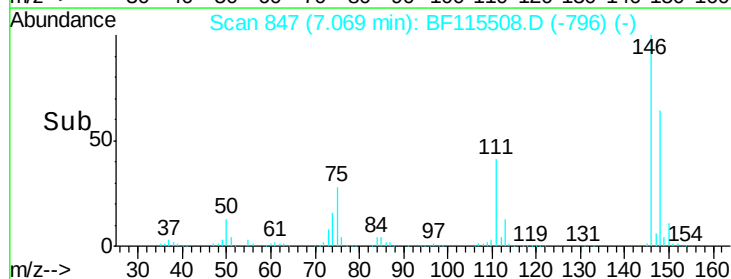
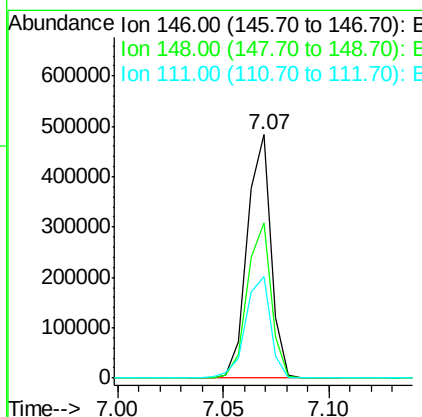
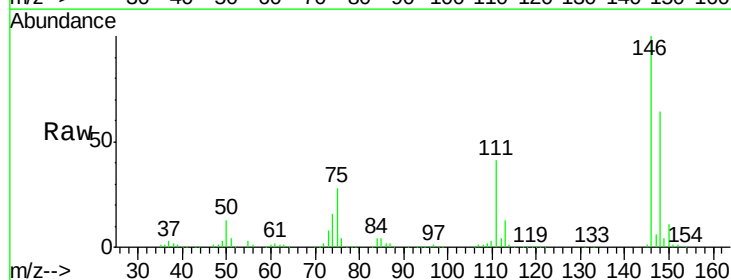
Instrument :
 BNA_F
 ClientSampleId :

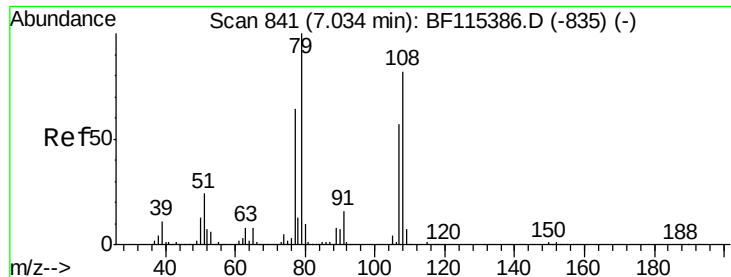
Tot Ion:146 Resp: 399935
 Ion Ratio Lower Upper
 146 100
 148 63.7 51.3 76.9
 111 41.5 32.1 48.1



#14
 1,2-Dichlorobenzene
 Concen: 36.495 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

Tgt Ion:146 Resp: 376396
 Ion Ratio Lower Upper
 146 100
 148 63.5 50.6 75.8
 111 41.5 35.4 53.2





#15

Benzyl Alcohol

Concen: 36.078 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

Instrument :

BNA_F

ClientSampled :

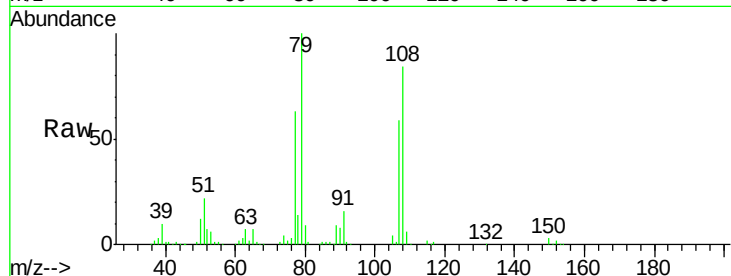
Tot Ion: 79 Resp: 330999

Ion Ratio Lower Upper

79 100

108 84.2 65.3 97.9

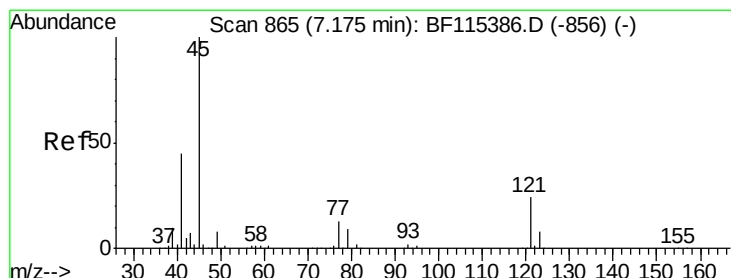
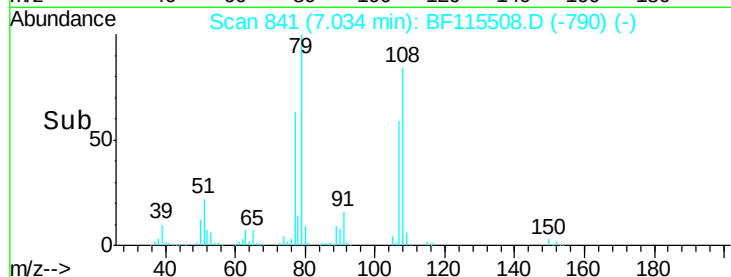
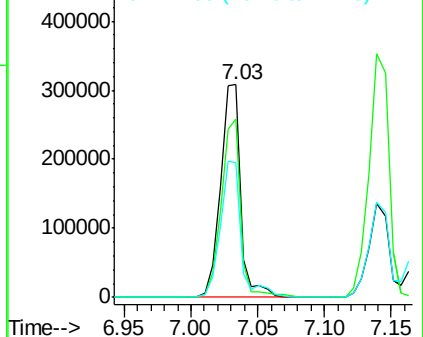
77 63.5 50.6 75.8



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: 32.104 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

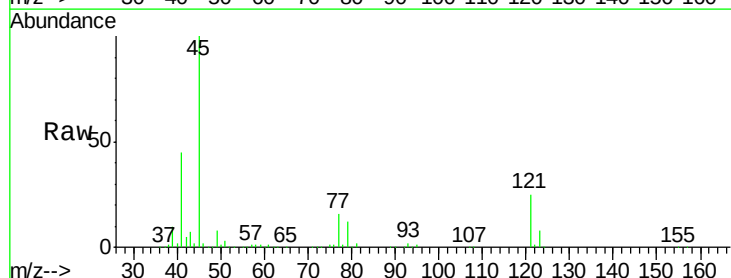
Tgt Ion: 45 Resp: 455545

Ion Ratio Lower Upper

45 100

77 16.3 0.0 36.4

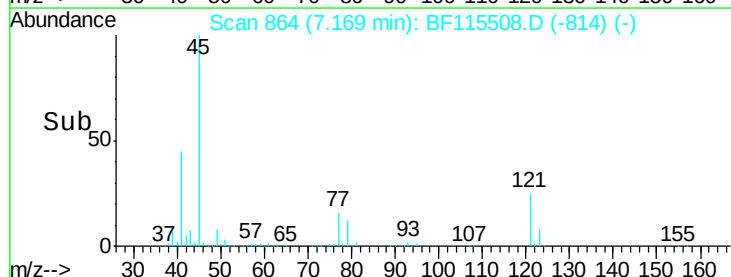
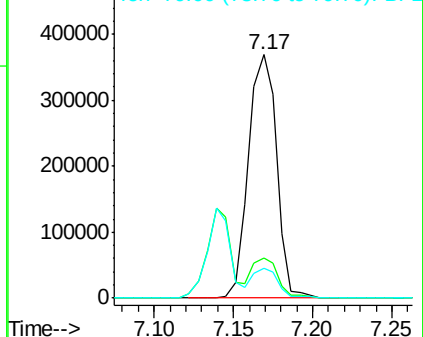
79 12.4 0.0 33.4

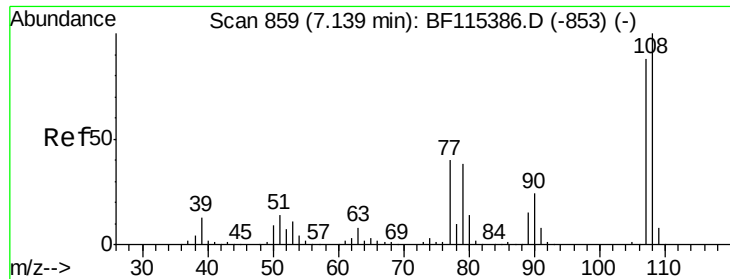


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

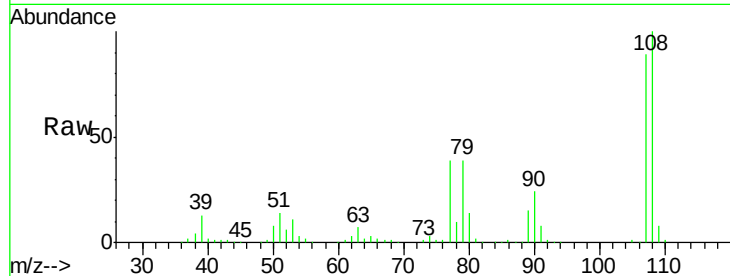




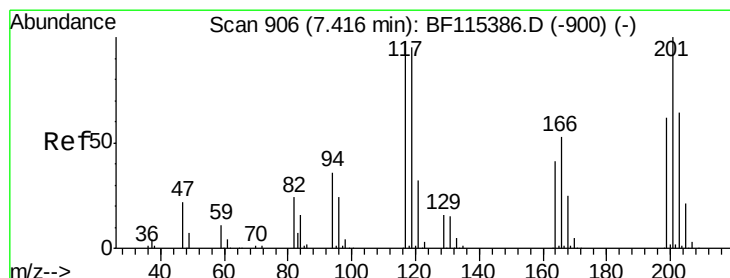
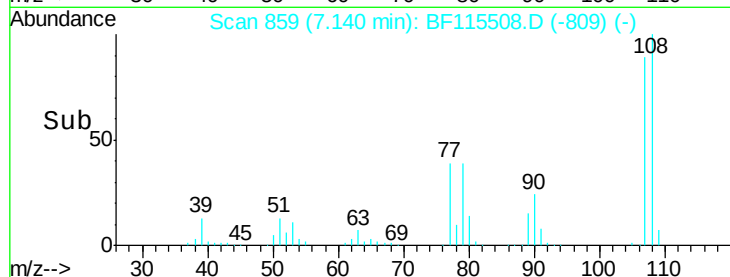
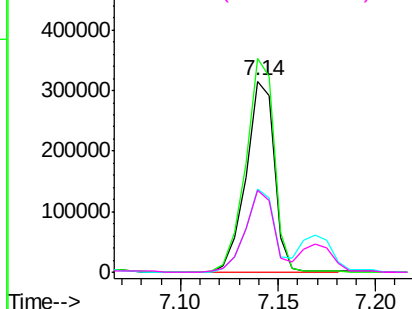
#17
2-Methylphenol
Concen: 36.433 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	107	Resp:	316835
Ion	Ratio	Lower	Upper
107	100		
108	111.9	90.0	135.0
77	43.5	35.0	52.4
79	43.1	34.4	51.6

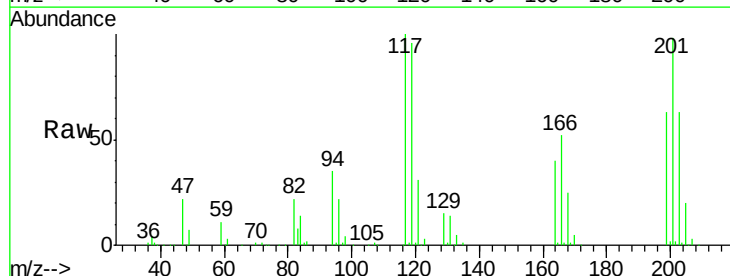


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

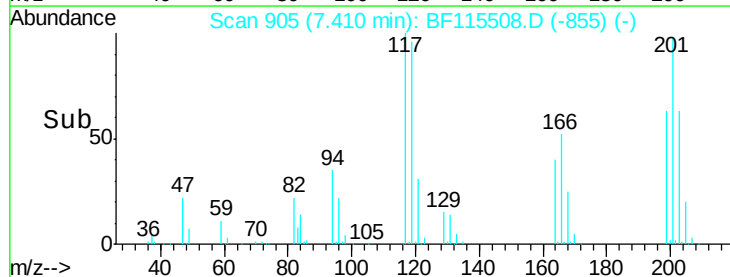
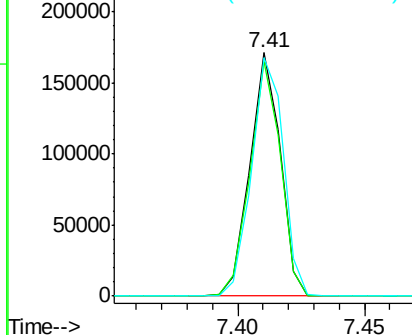


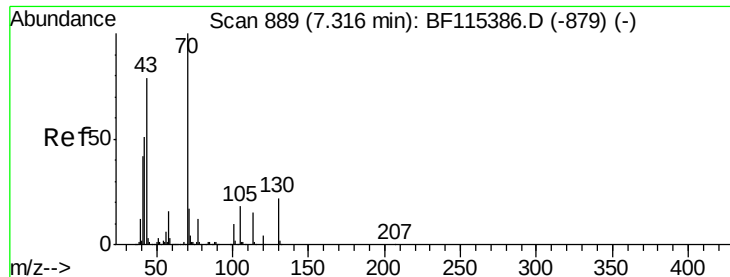
#18
Hexachloroethane
Concen: 34.603 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:	117	Resp:	143597
Ion	Ratio	Lower	Upper
117	100		
119	96.5	76.8	115.2
201	98.1	85.8	128.6



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

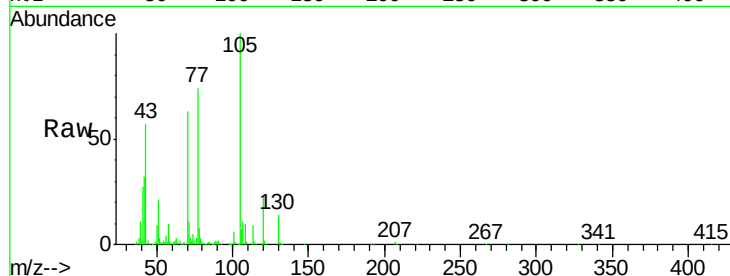




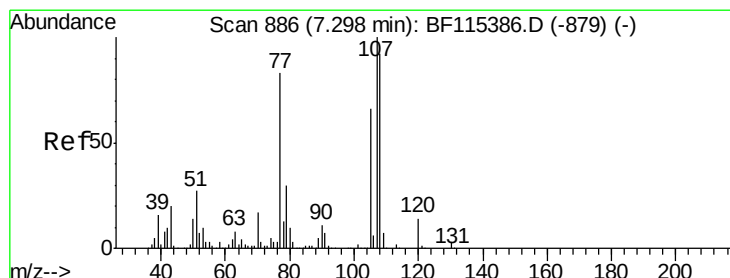
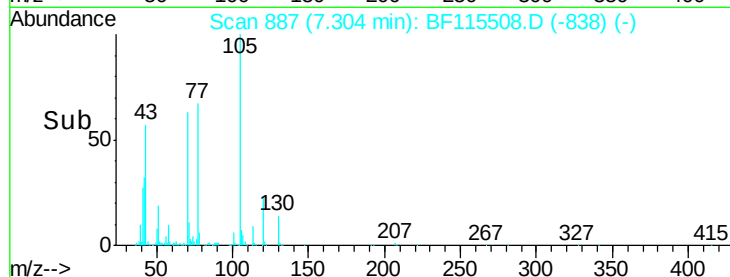
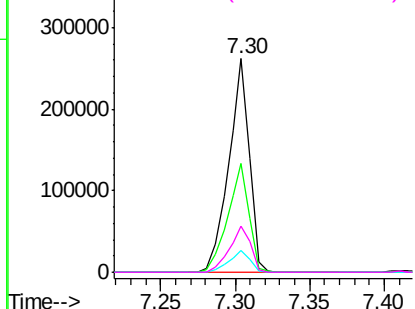
#19
n-Nitroso-di-n-propylamine
Concen: 33.118 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 70 Resp: 256165
Ion Ratio Lower Upper
70 100
42 51.2 38.5 57.7
101 10.0 8.0 12.0
130 21.5 19.1 28.7



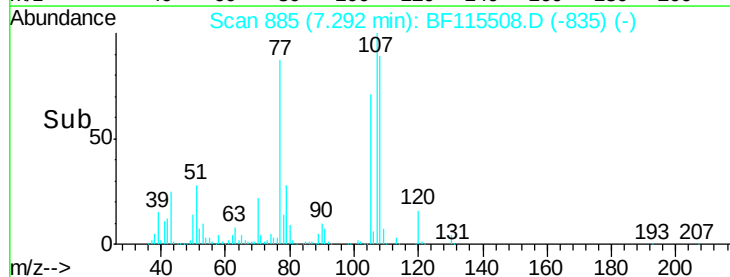
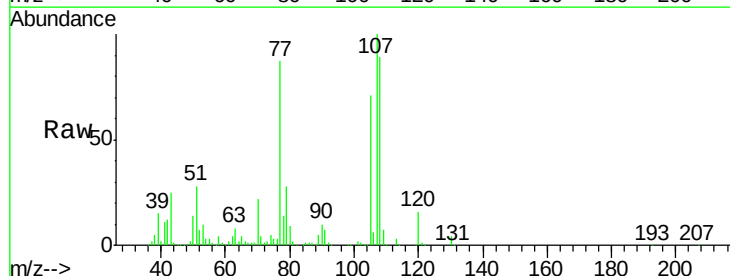
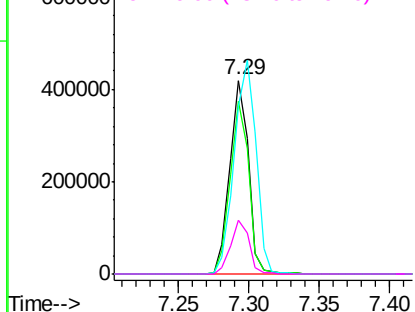
Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

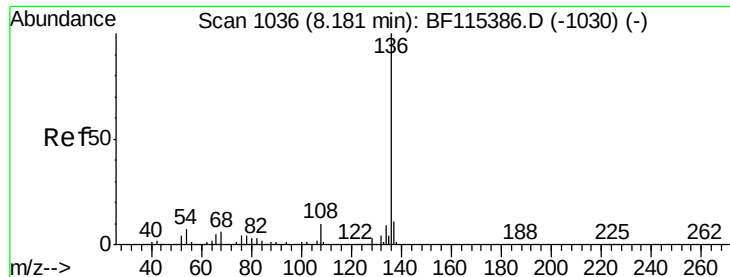


#20
3+4-Methylphenols
Concen: 37.701 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion: 107 Resp: 387274
Ion Ratio Lower Upper
107 100
108 89.3 70.5 110.5
77 86.9 63.0 103.0
79 27.6 8.3 48.3

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

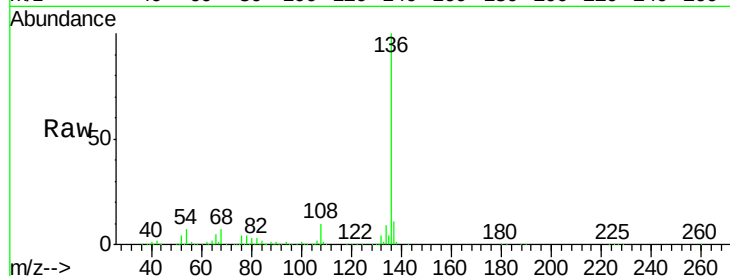




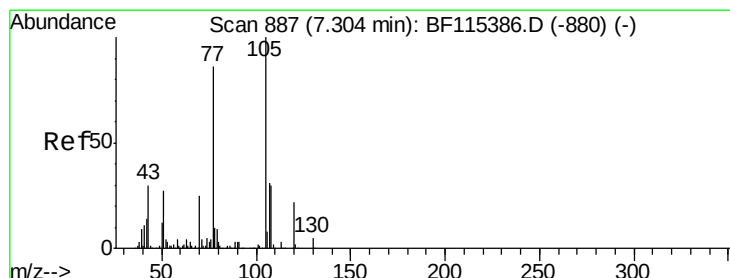
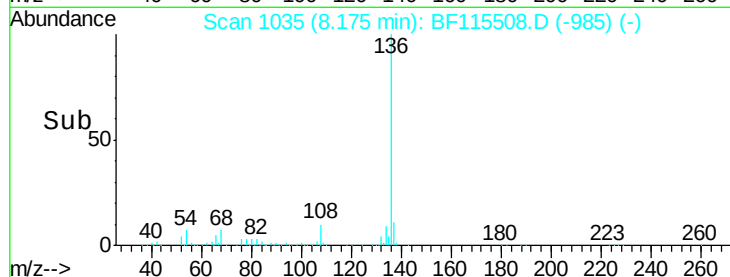
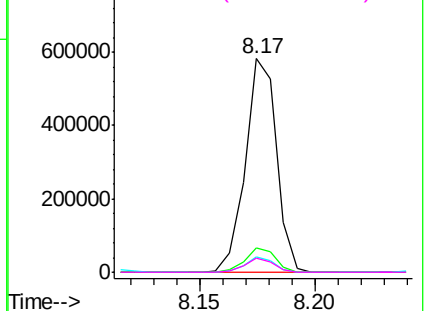
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp: 550586
Ion Ratio	Lower Upper
136 100	
137 11.4	8.8 13.2
54 7.2	5.4 8.0
68 6.6	4.8 7.2

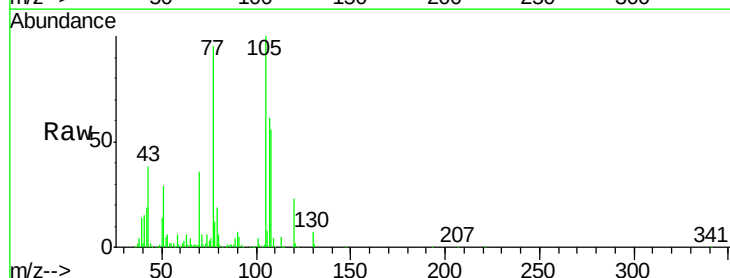


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

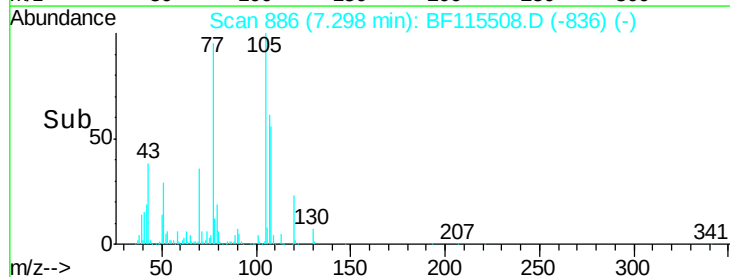
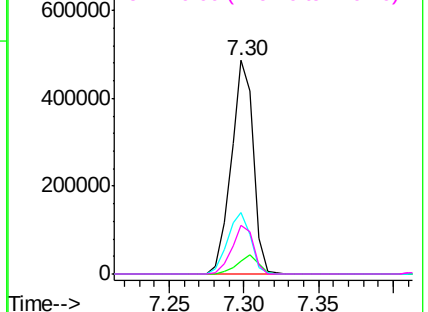


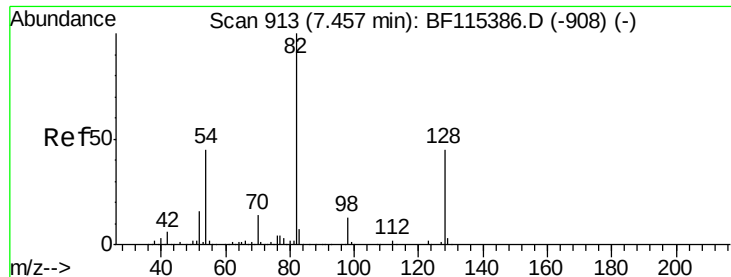
#22
Acetophenone
Concen: 38.294 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt	Ion:105	Resp:	505220
Ion	Ratio	Lower	Upper
105	100		
71	6.0	3.5	5.3#
51	28.8	22.6	33.8
120	22.6	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

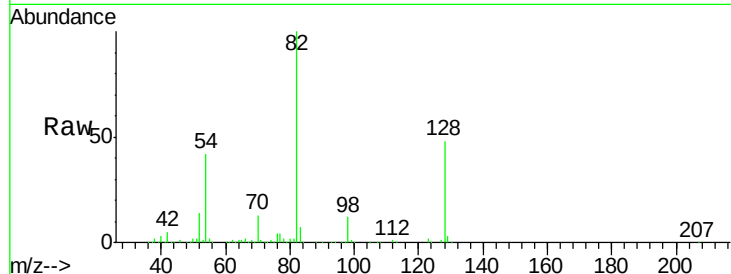




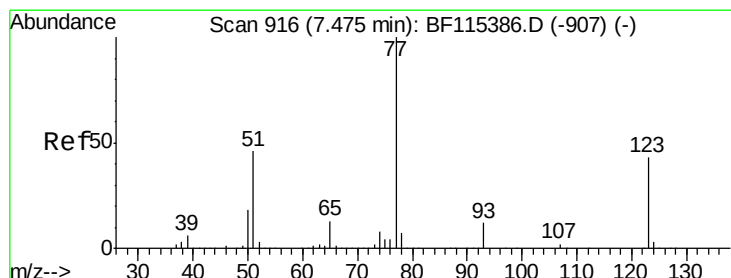
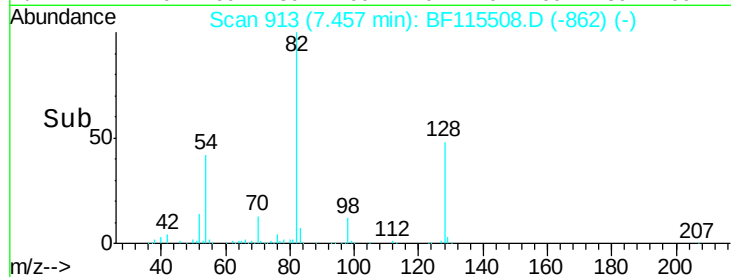
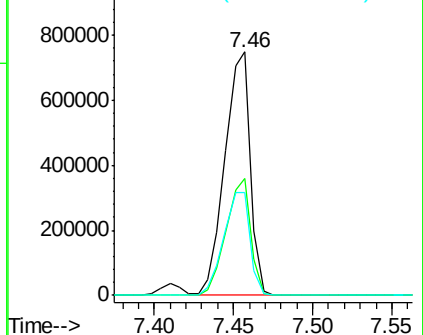
#23
Nitrobenzene-d5
Concen: 89.467 ng
RT: 7.46 min Scan# 913
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 833731
Ion Ratio Lower Upper
82 100
128 48.2 36.7 55.1
54 42.4 35.6 53.4

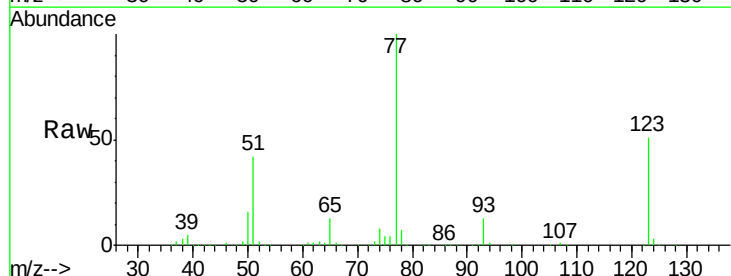


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

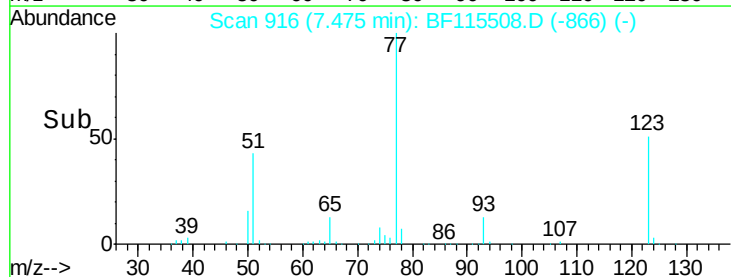
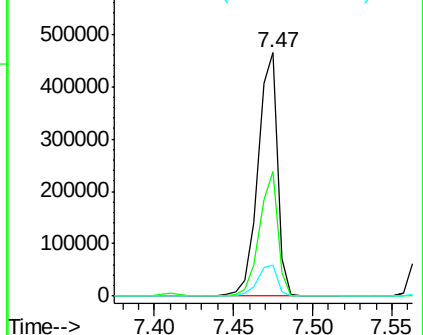


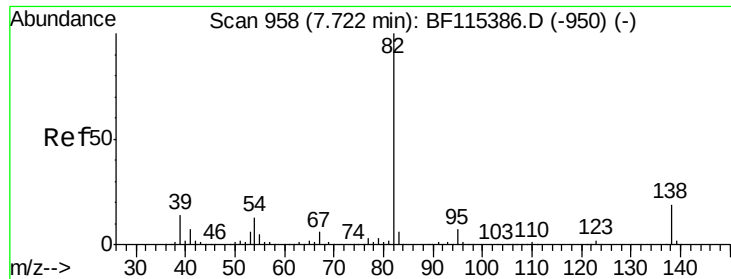
#24
Nitrobenzene
Concen: 37.815 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion: 77 Resp: 397978
Ion Ratio Lower Upper
77 100
123 51.0 40.4 60.6
65 13.0 10.4 15.6



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





#25

Isophorone

Concen: 35.659 ng

RT: 7.71 min Scan# 956

Delta R.T. -0.01 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

Instrument :

BNA_F

ClientSampleId :

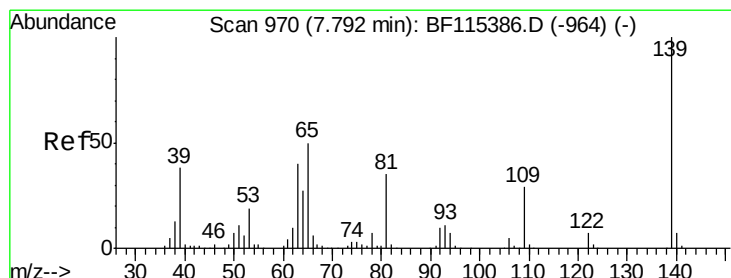
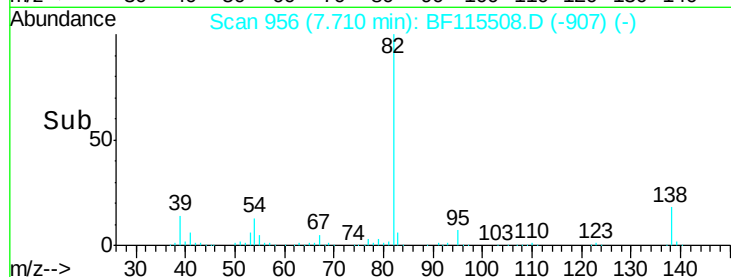
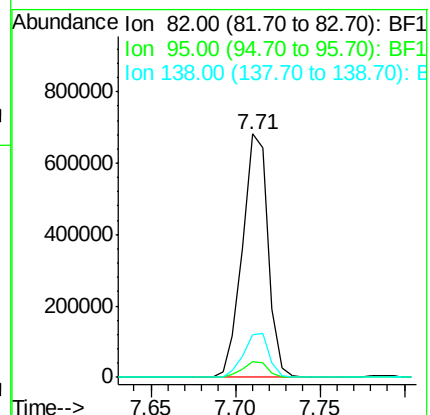
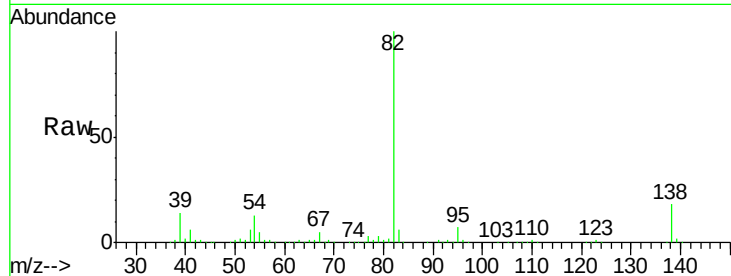
Tot Ion: 82 Resp: 720263

Ion Ratio Lower Upper

82 100

95 6.6 5.4 8.2

138 17.8 15.1 22.7



#26

2-Nitrophenol

Concen: 46.933 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

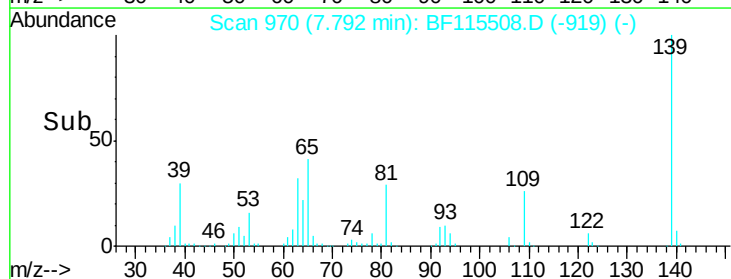
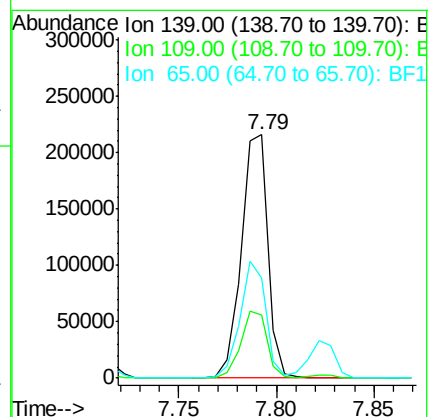
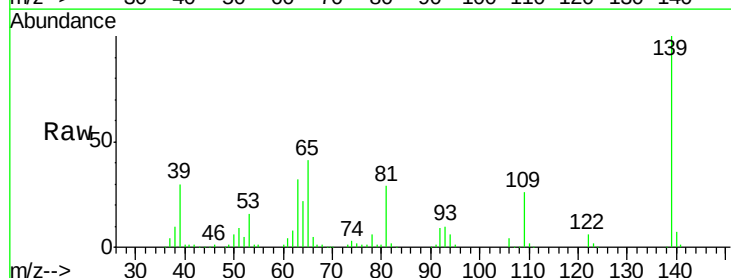
Tgt Ion: 139 Resp: 203066

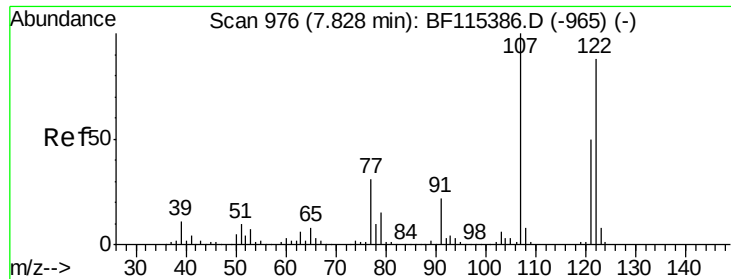
Ion Ratio Lower Upper

139 100

109 26.1 22.2 33.4

65 41.3 37.5 56.3





#27

2,4-Dimethylphenol

Concen: 40.042 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

Instrument :

BNA_F

ClientSampled :

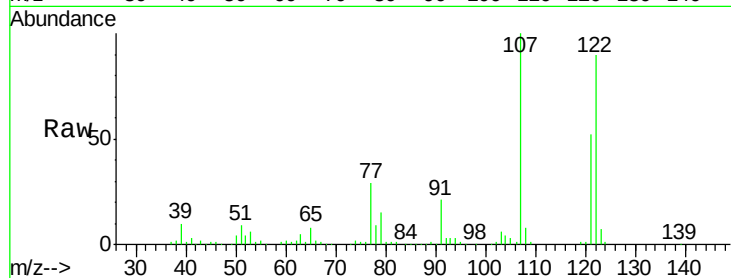
Tot Ion:122 Resp: 330361

Ion Ratio Lower Upper

122 100

107 111.1 91.7 137.5

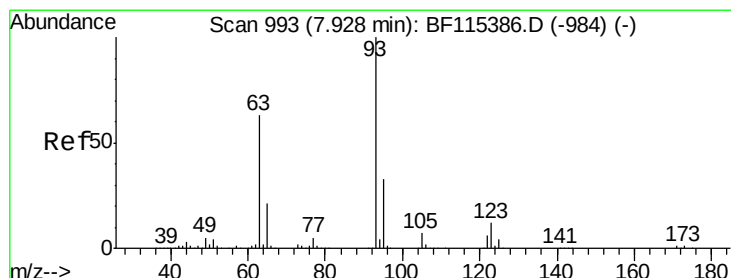
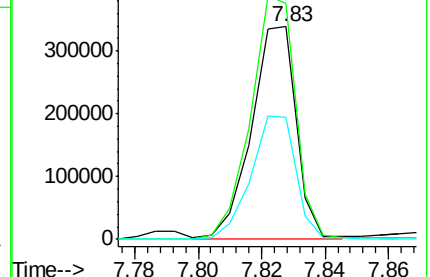
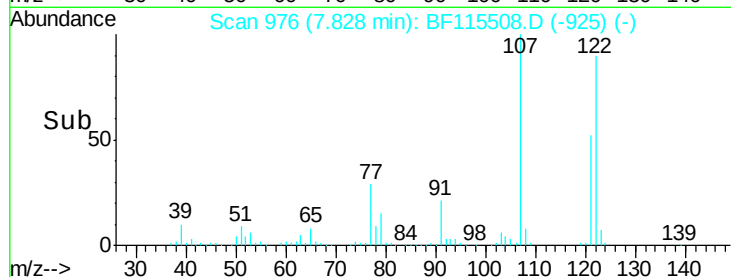
121 57.7 47.7 71.5



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: 35.453 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.01 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

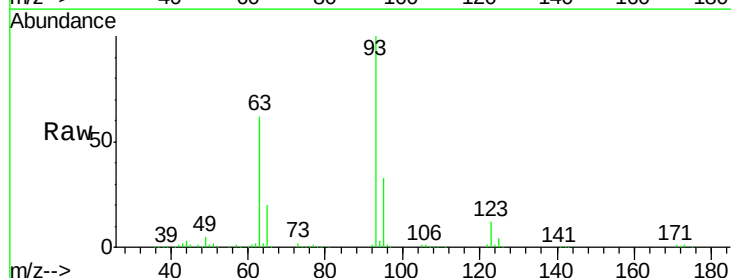
Tgt Ion: 93 Resp: 441582

Ion Ratio Lower Upper

93 100

95 33.1 26.6 39.8

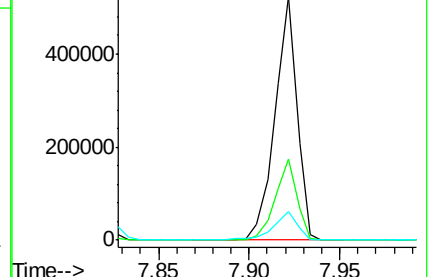
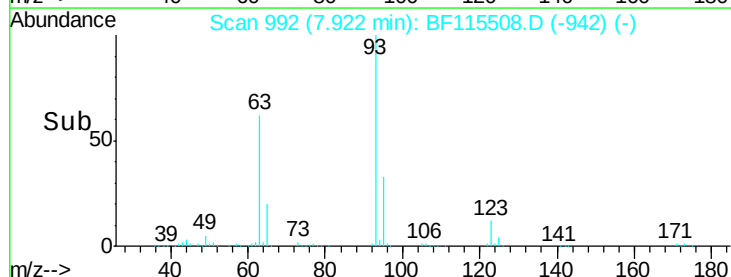
123 11.8 10.4 15.6

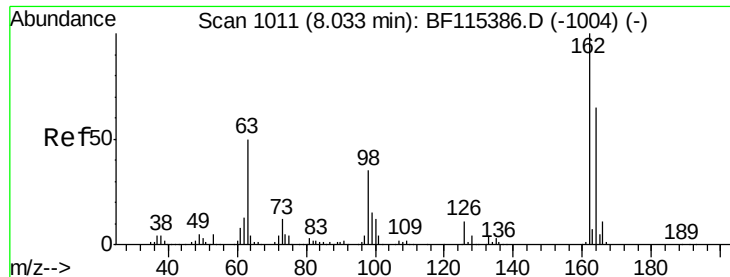


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

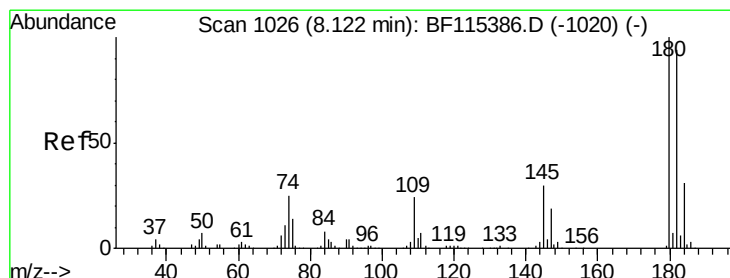
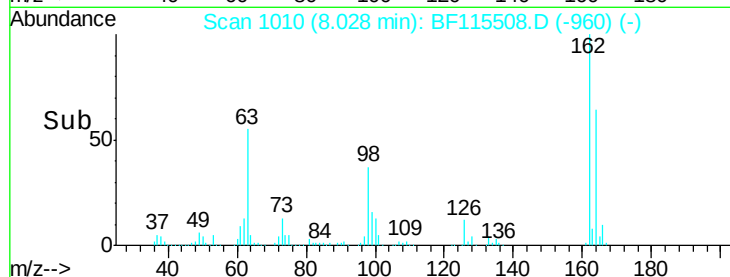
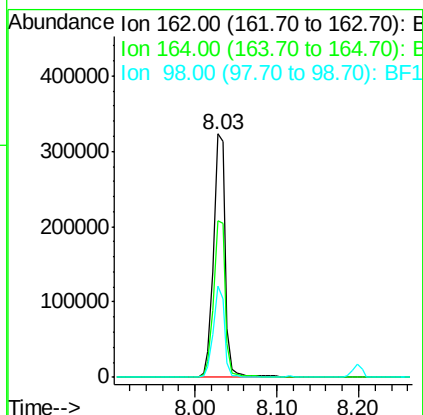
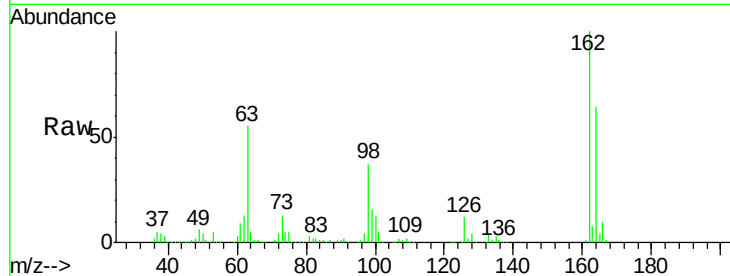




#29
2,4-Dichlorophenol
Concen: 39.673 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

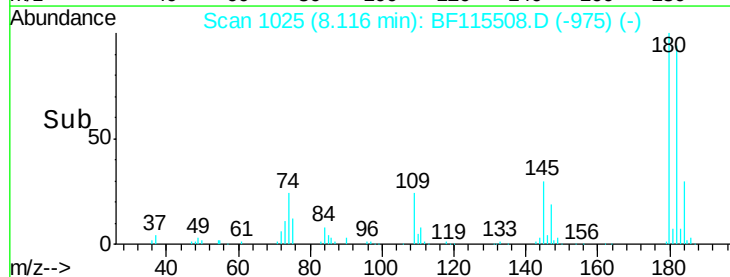
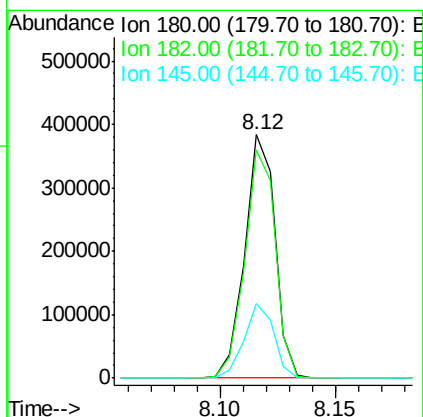
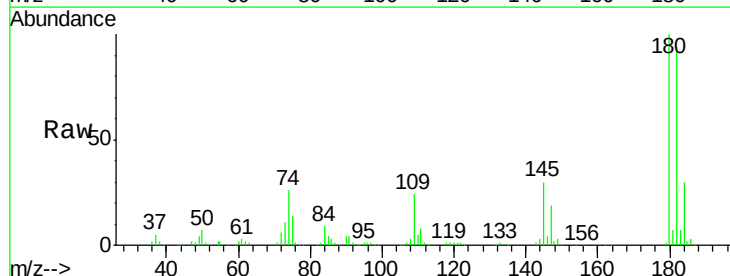
Instrument :
BNA_F
ClientSampleId :

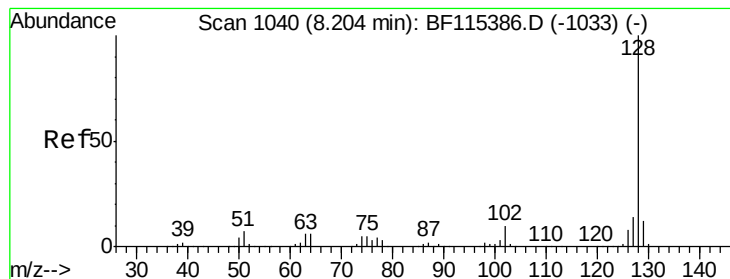
Tot Ion:162 Resp: 326011
Ion Ratio Lower Upper
162 100
164 64.4 45.2 85.2
98 37.5 17.0 57.0



#30
1,2,4-Trichlorobenzene
Concen: 38.465 ng
RT: 8.12 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:180 Resp: 351890
Ion Ratio Lower Upper
180 100
182 93.8 77.1 115.7
145 30.4 23.9 35.9





#31

Naphthalene

Concen: 39.045 ng

RT: 8.20 min Scan# 1039

Delta R.T. -0.01 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

Instrument :

BNA_F

ClientSampleId :

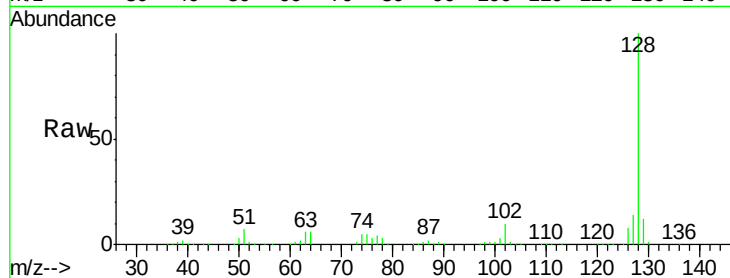
Tot Ion:128 Resp: 1067798

Ion Ratio Lower Upper

128 100

129 11.7 9.3 13.9

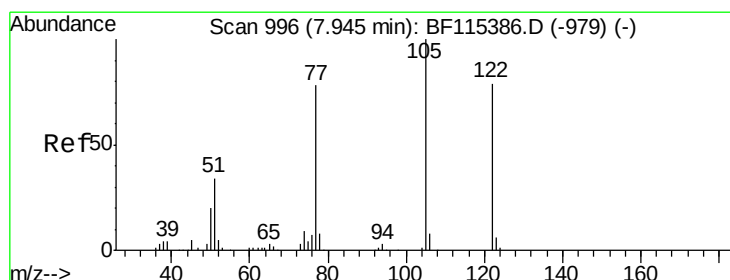
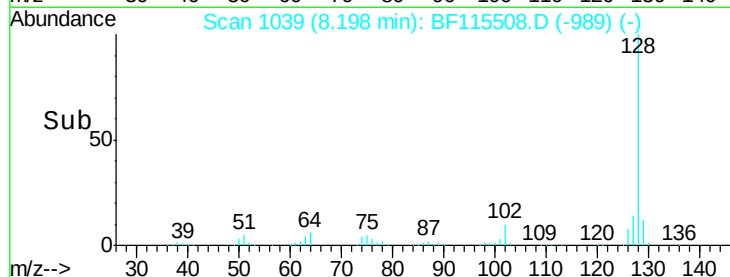
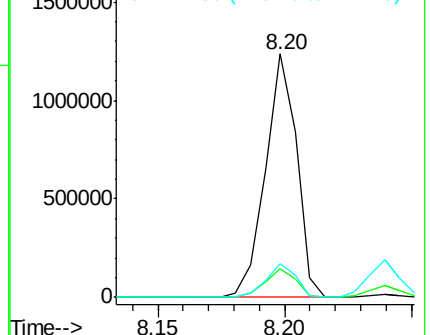
127 13.8 11.1 16.7



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: 19.292 ng

RT: 7.91 min Scan# 990

Delta R.T. -0.04 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

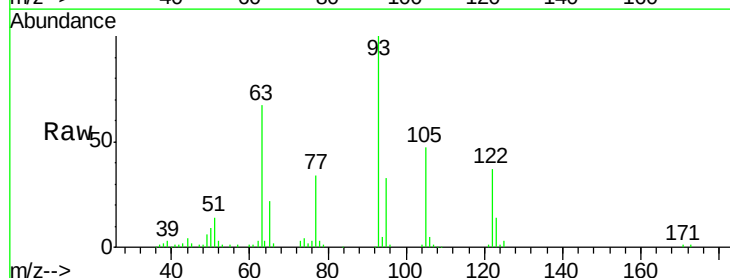
Tgt Ion:122 Resp: 91108

Ion Ratio Lower Upper

122 100

105 125.2 101.6 141.6

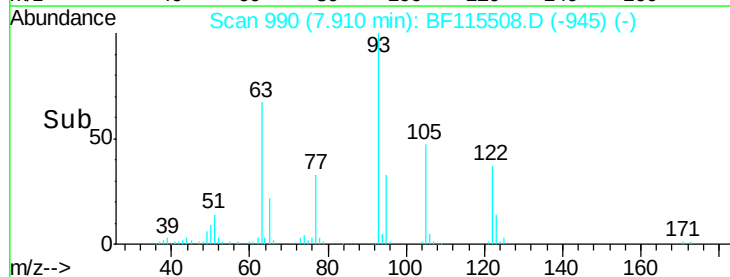
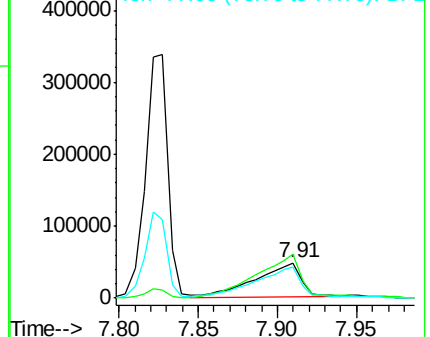
77 89.9 69.1 109.1

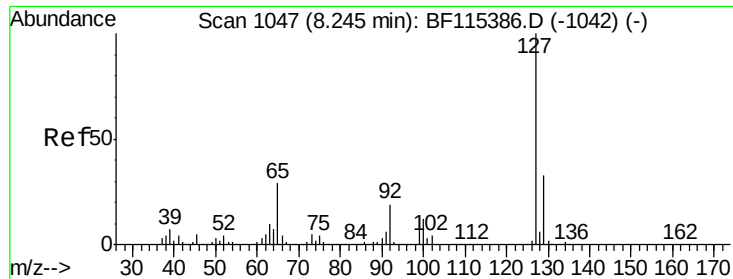


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

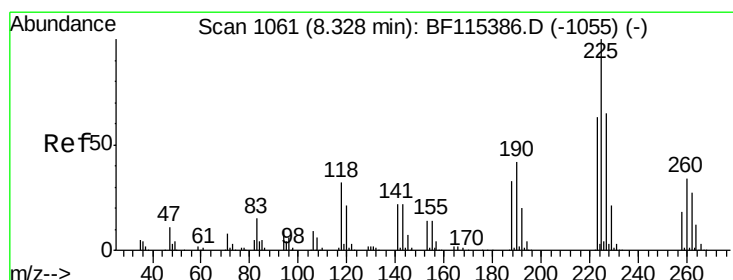
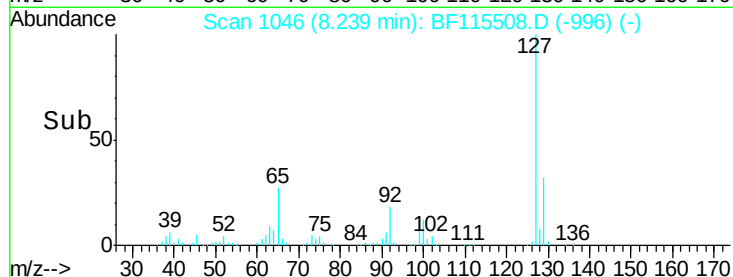
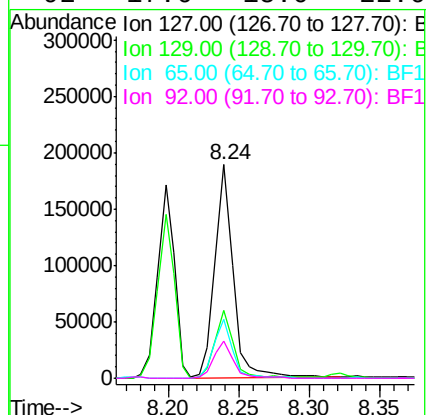
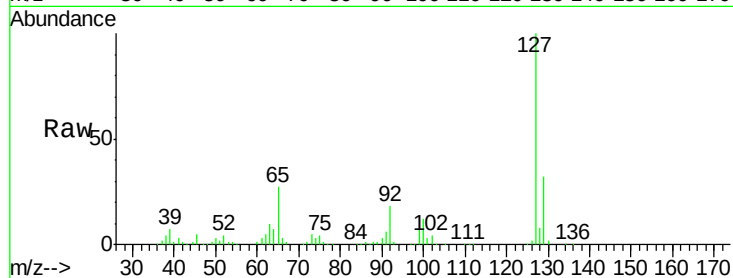




#33
4-Chloroaniline
Concen: 14.198 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

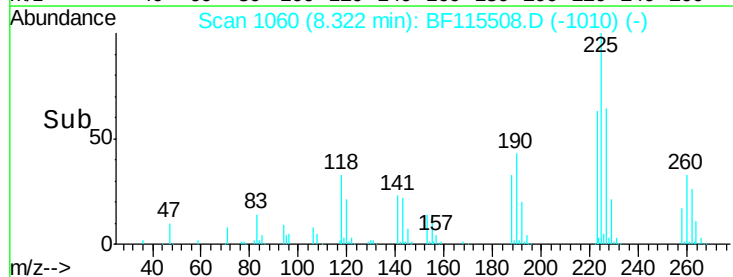
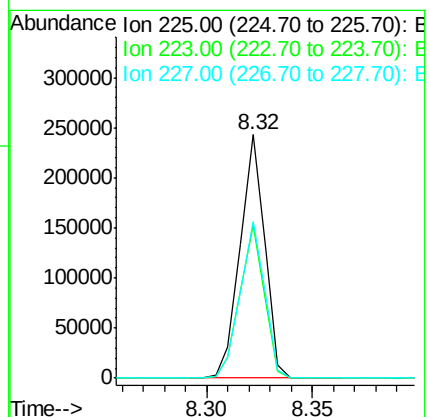
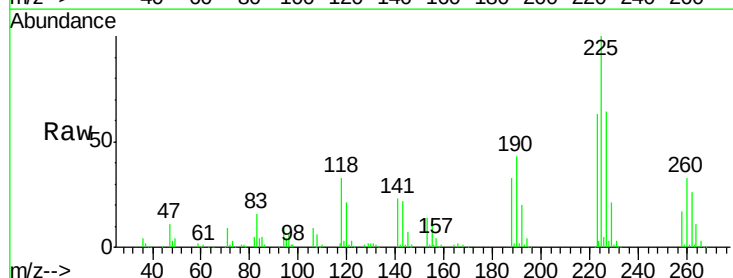
Instrument :
BNA_F
ClientSampled :

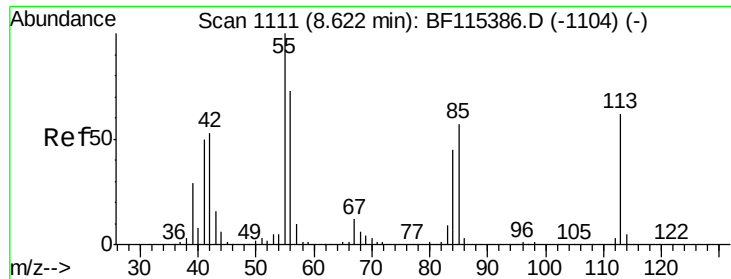
Tot Ion:	127	Resp:	173240
Ion	Ratio	Lower	Upper
127	100		
129	31.5	26.1	39.1
65	27.3	23.2	34.8
92	17.6	15.0	22.6



#34
Hexachlorobutadiene
Concen: 37.516 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:	225	Resp:	194636
Ion	Ratio	Lower	Upper
225	100		
223	62.8	50.6	76.0
227	64.5	51.4	77.2

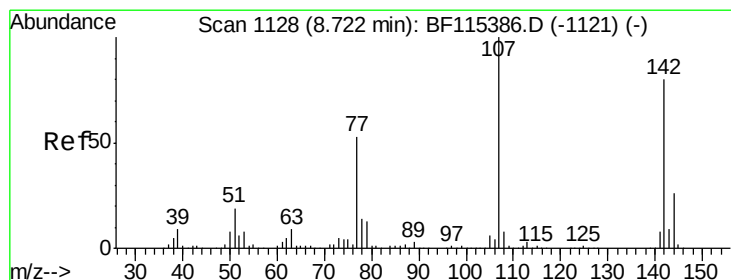
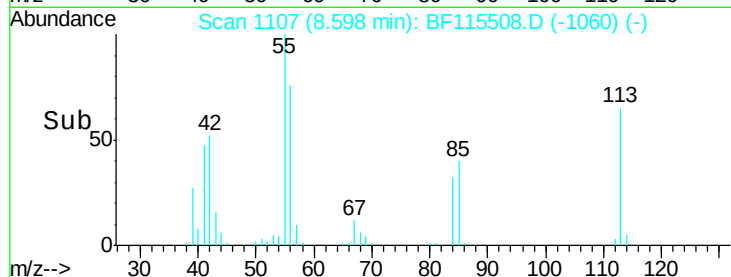
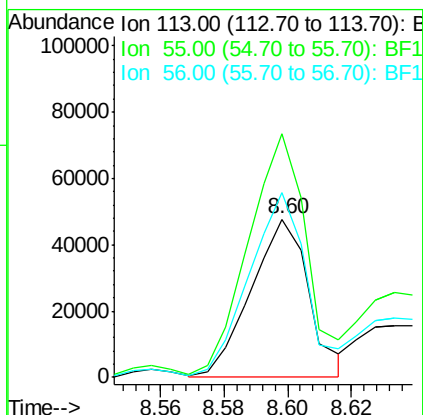
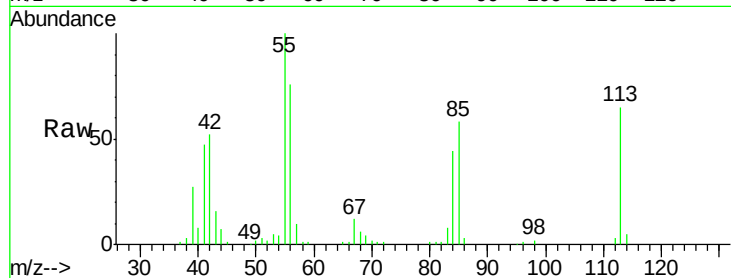




#35
Caprolactam
Concen: 22.710 ng
RT: 8.60 min Scan# 1107
Delta R.T. -0.02 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

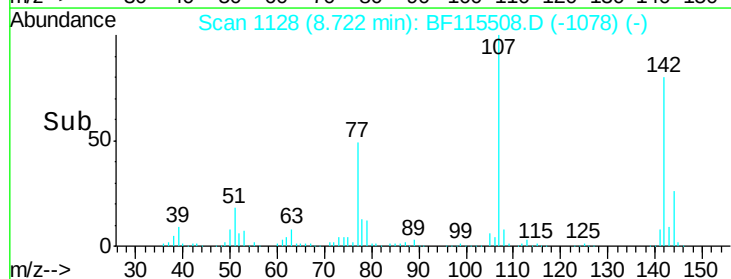
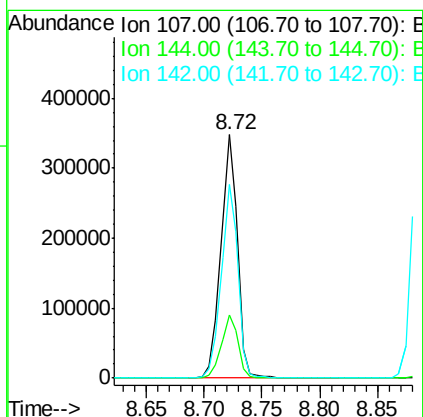
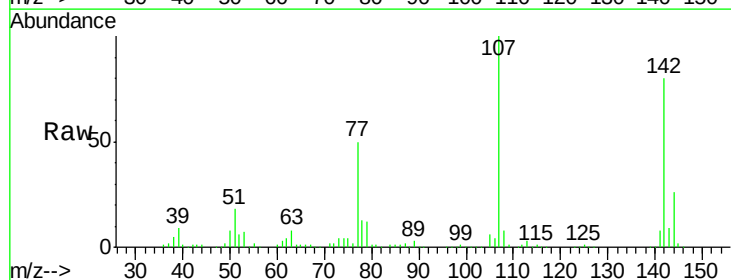
Instrument :
BNA_F
ClientSampleId :

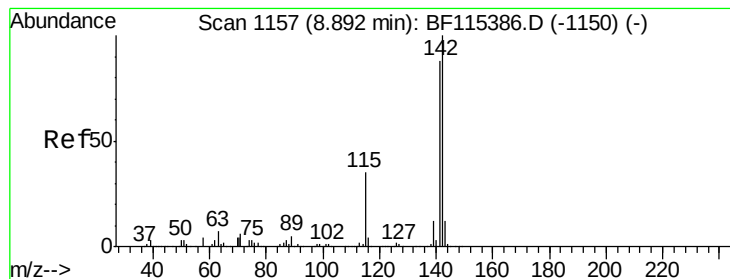
Tot Ion:113 Resp: 60781
Ion Ratio Lower Upper
113 100
55 153.6 138.1 178.1
56 116.8 95.7 135.7



#36
4-Chloro-3-methylphenol
Concen: 39.890 ng
RT: 8.72 min Scan# 1128
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:107 Resp: 346720
Ion Ratio Lower Upper
107 100
144 25.9 21.5 32.3
142 79.5 66.2 99.2





#37

2-Methylnaphthalene

Concen: 39.505 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

Instrument :

BNA_F

ClientSampleId :

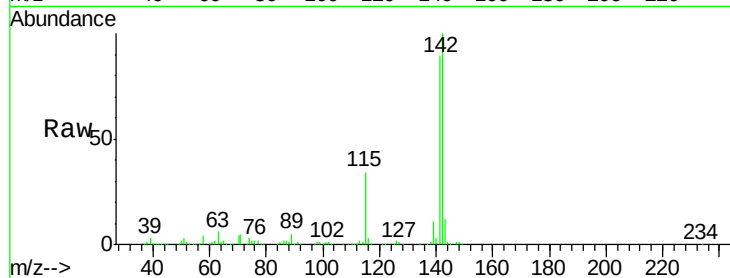
Tot Ion:142 Resp: 722119

Ion Ratio Lower Upper

142 100

141 89.3 72.1 108.1

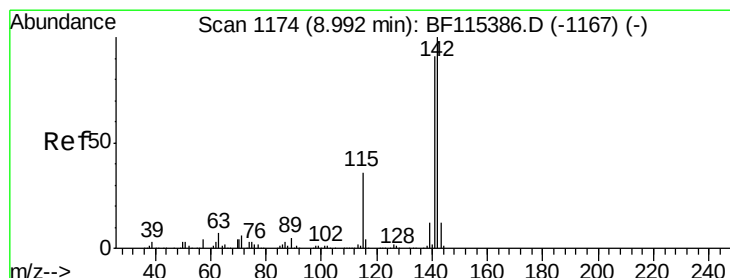
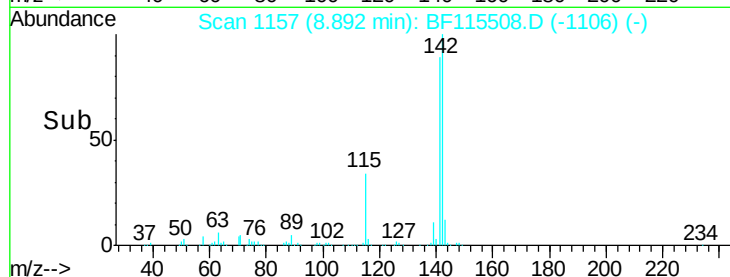
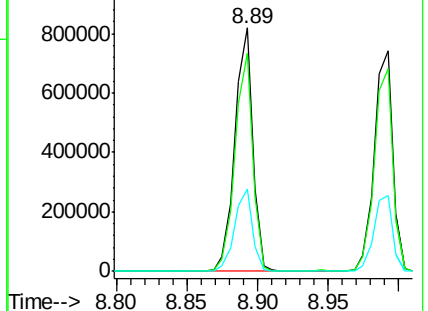
115 33.7 27.6 41.4



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: 38.792 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

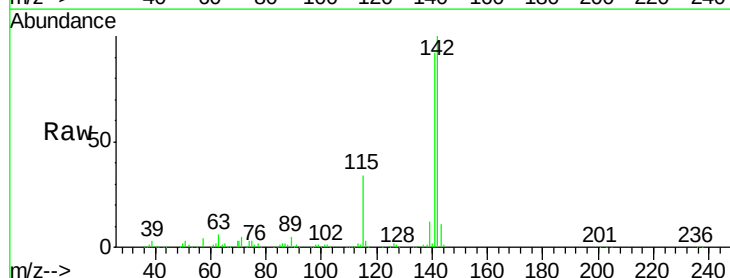
Tgt Ion:142 Resp: 676568

Ion Ratio Lower Upper

142 100

141 91.8 74.3 111.5

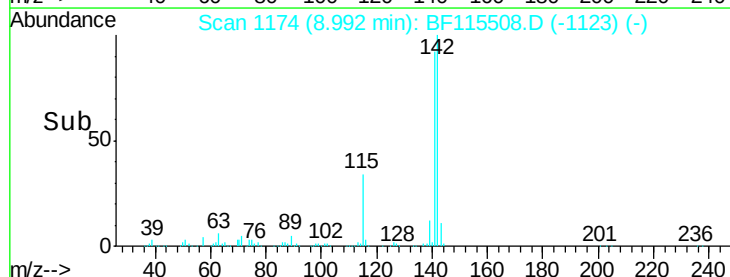
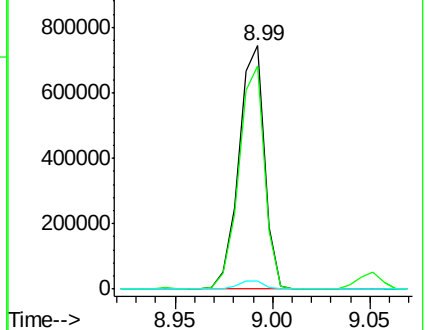
116 3.3 3.1 4.7

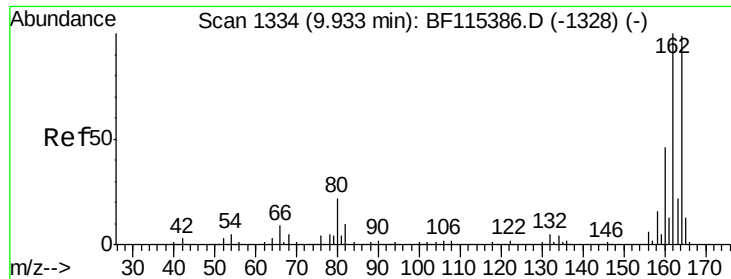


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

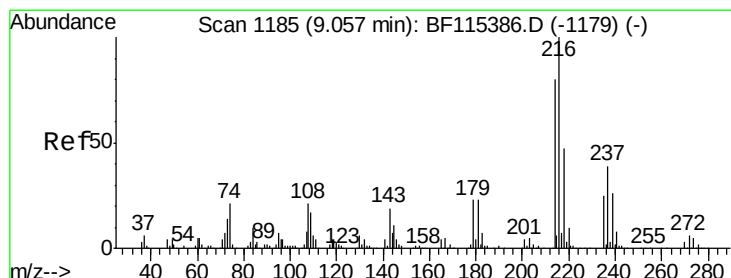
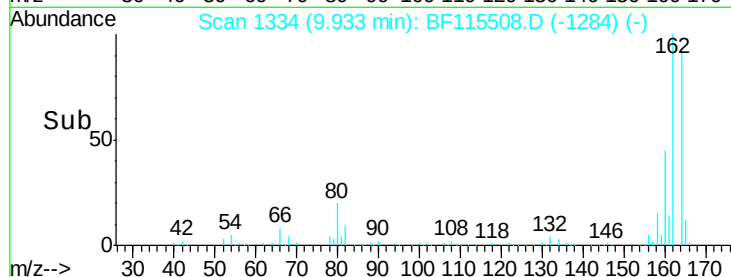
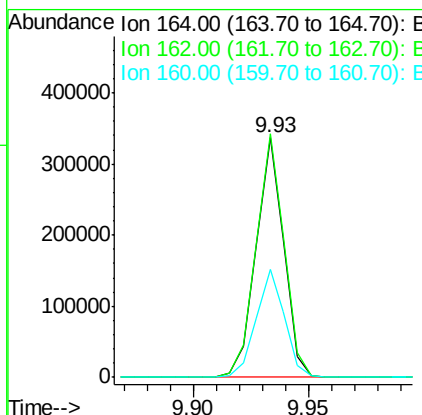
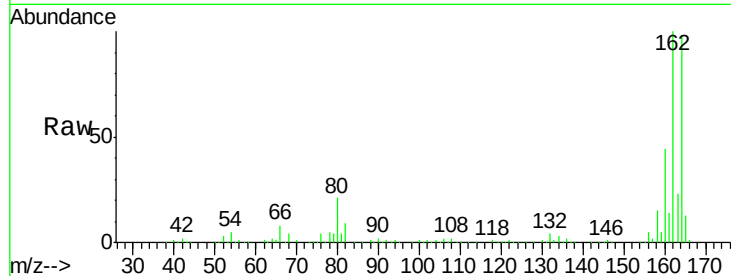




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

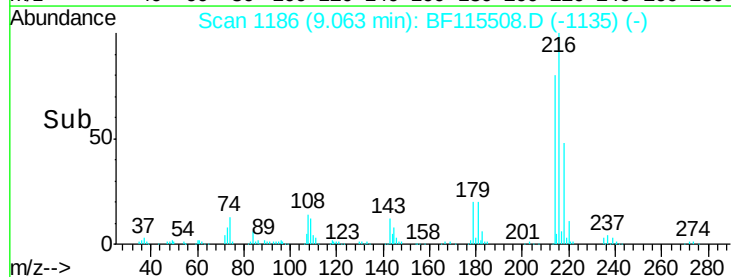
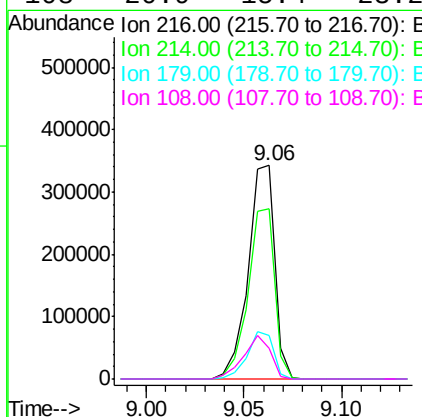
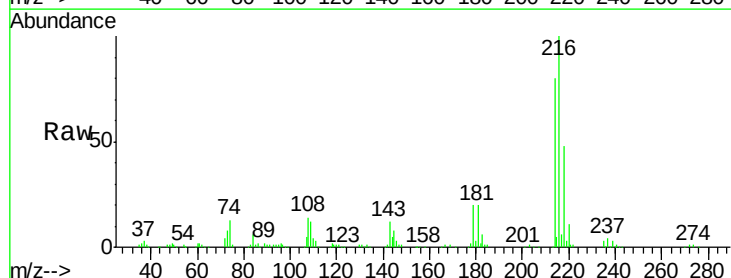
Instrument :
BNA_F
ClientSampleId :

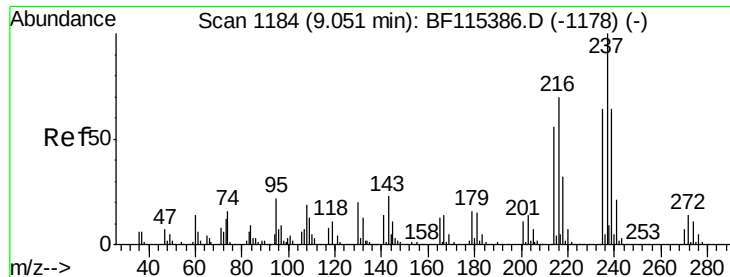
Tot Ion:164 Resp: 281698
Ion Ratio Lower Upper
164 100
162 101.8 82.3 123.5
160 45.2 37.2 55.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.917 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:216 Resp: 323489
Ion Ratio Lower Upper
216 100
214 79.9 63.0 94.6
179 21.8 17.4 26.0
108 20.9 15.4 23.2

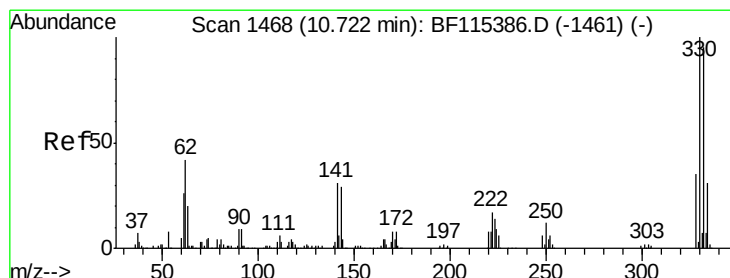
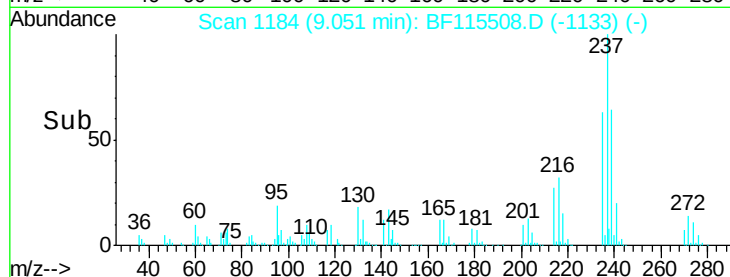
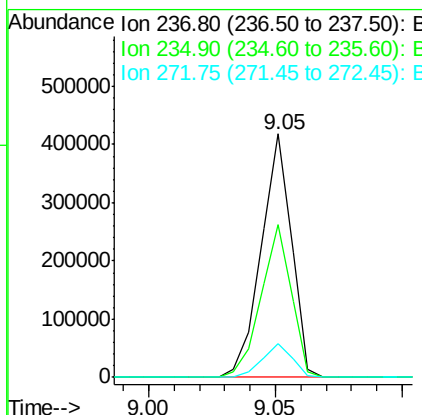
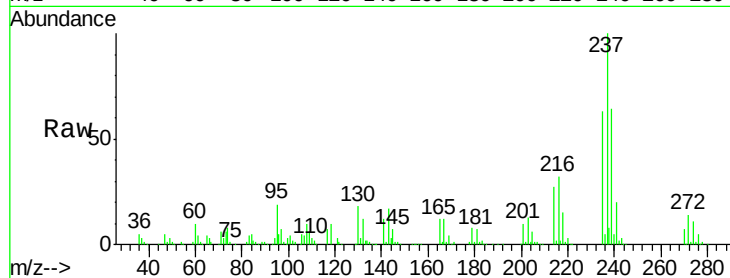




#41
Hexachlorocyclopentadiene
Concen: 74.845 ng
RT: 9.05 min Scan# 1184
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

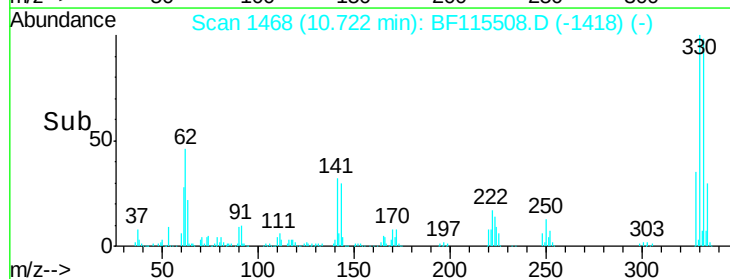
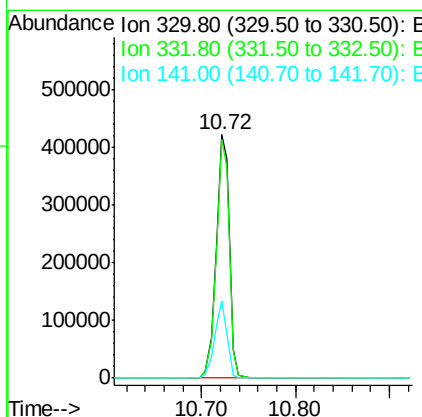
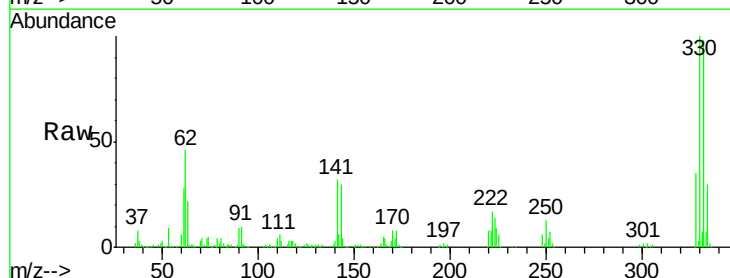
Instrument :
BNA_F
ClientSampleId :

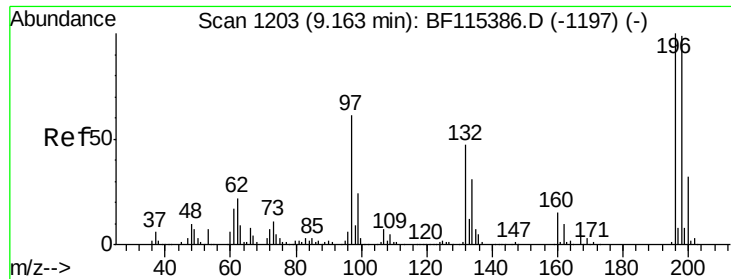
Tot Ion:237 Resp: 351553
Ion Ratio Lower Upper
237 100
235 62.7 43.4 83.4
272 13.8 0.0 33.6



#42
2,4,6-Tribromophenol
Concen: 133.972 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:330 Resp: 417276
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.0
141 30.0 24.7 37.1

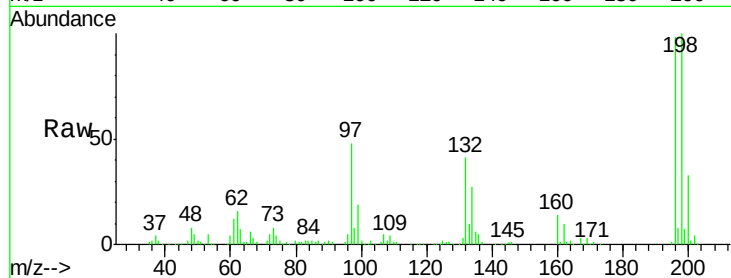




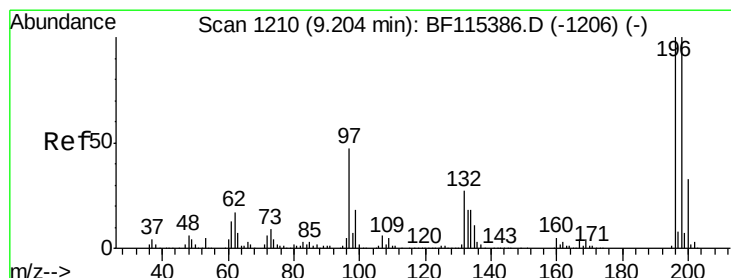
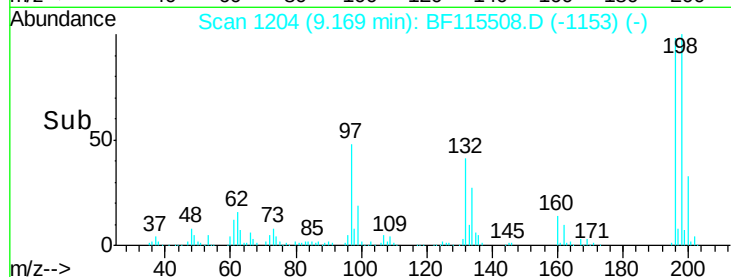
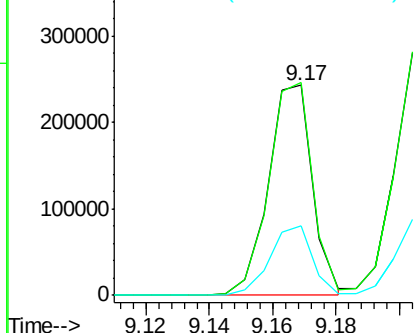
#43
 2,4,6-Trichlorophenol
 Concen: 39.882 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. 0.00 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:196 Resp: 235302
 Ion Ratio Lower Upper
 196 100
 198 101.8 78.2 117.4
 200 33.4 25.0 37.6



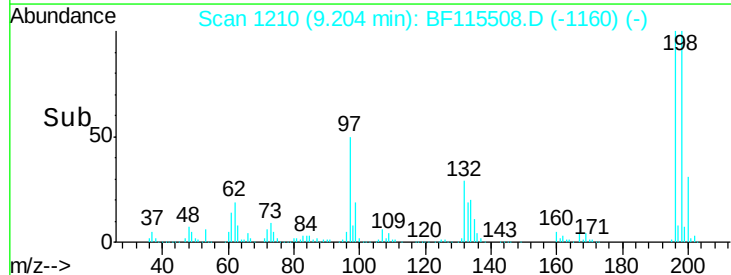
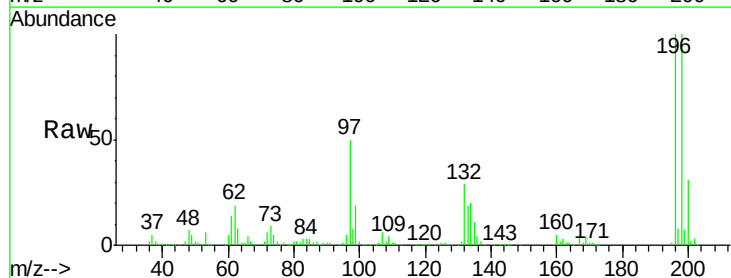
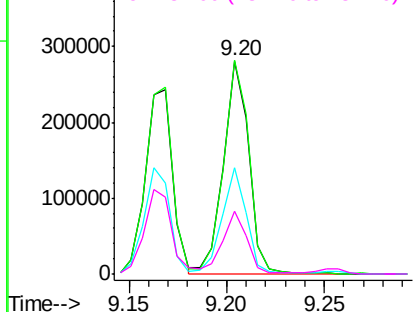
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

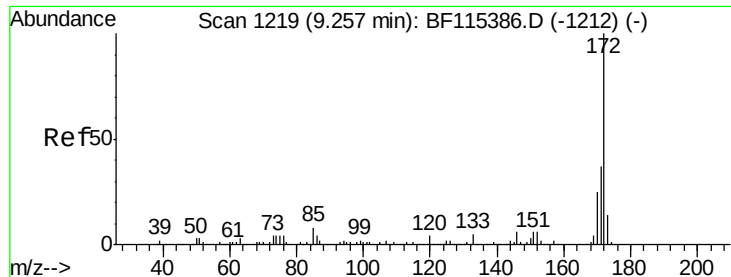


#44
 2,4,5-Trichlorophenol
 Concen: 41.160 ng
 RT: 9.20 min Scan# 1210
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

Tgt Ion:196 Resp: 251813
 Ion Ratio Lower Upper
 196 100
 198 100.5 80.6 120.8
 97 49.8 34.0 51.0
 132 29.6 21.4 32.2

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

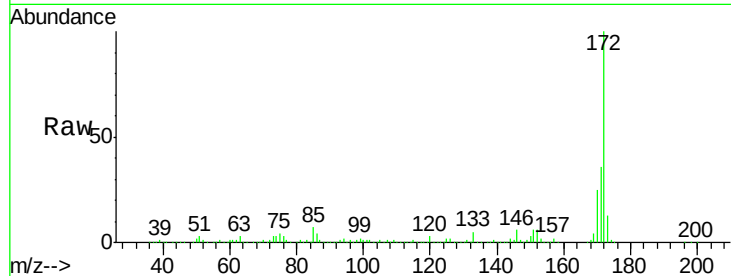




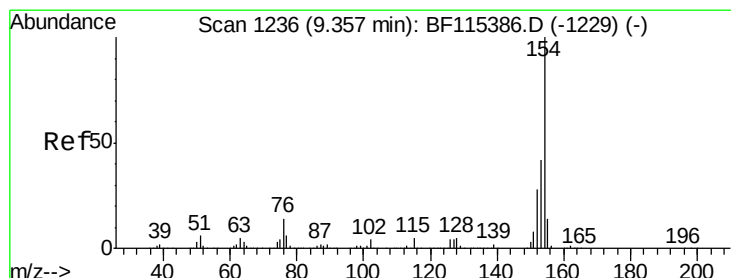
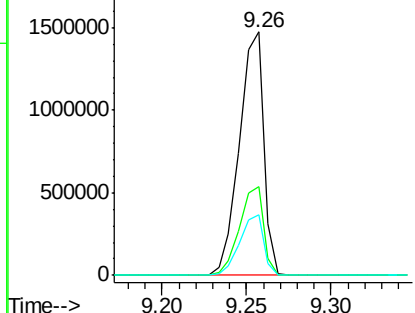
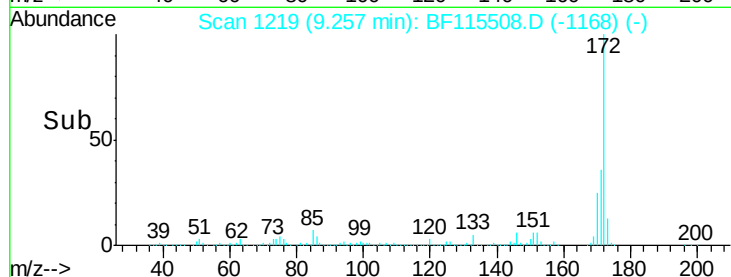
#45
2-Fluorobiphenyl
Concen: 92.500 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1484941
Ion Ratio Lower Upper
172 100
171 36.3 29.8 44.8
170 24.8 20.0 30.0

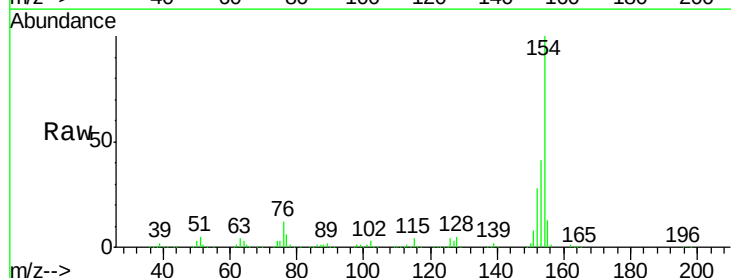


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

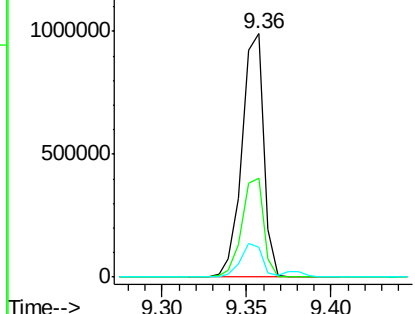
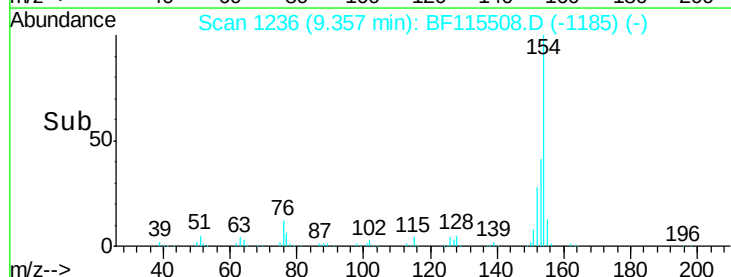


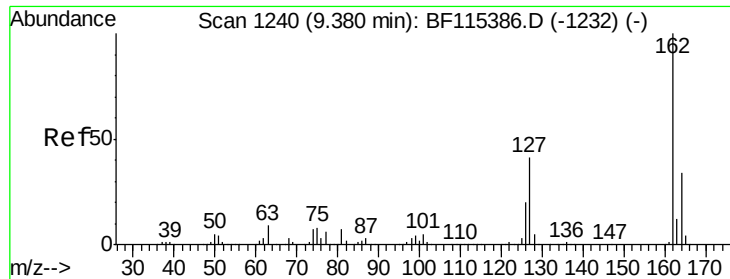
#46
1,1'-Biphenyl
Concen: 40.196 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:154 Resp: 890177
Ion Ratio Lower Upper
154 100
153 40.8 21.5 61.5
76 12.3 0.0 34.6



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

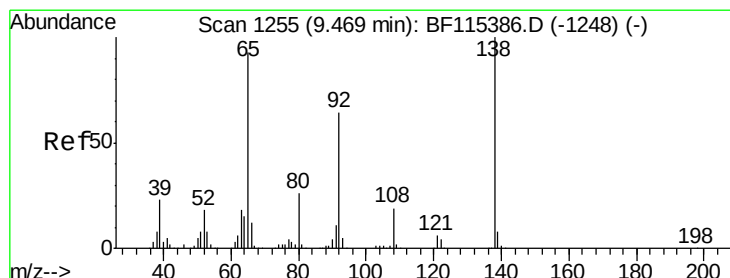
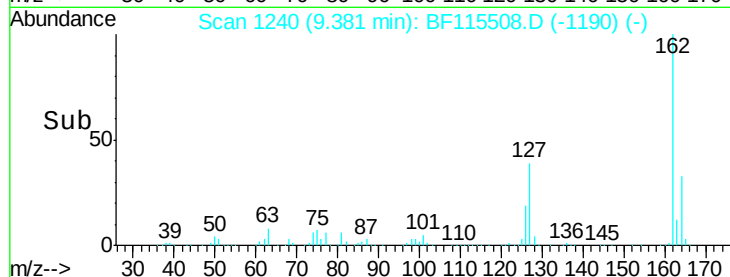
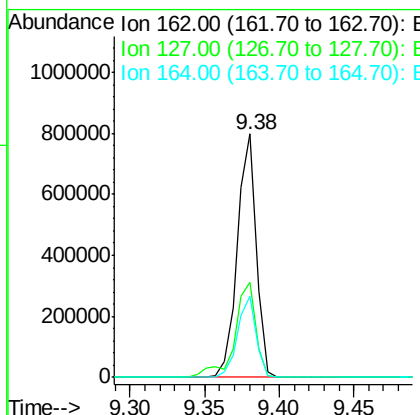
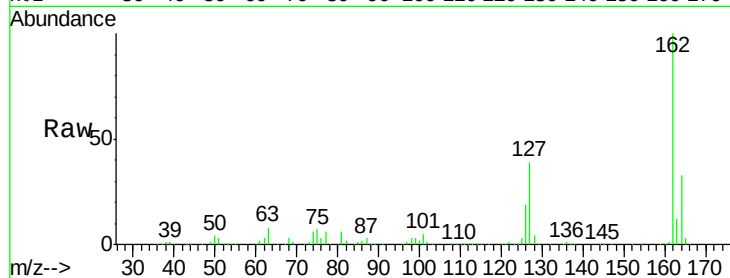




#47
 2-Chloronaphthalene
 Concen: 38.771 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

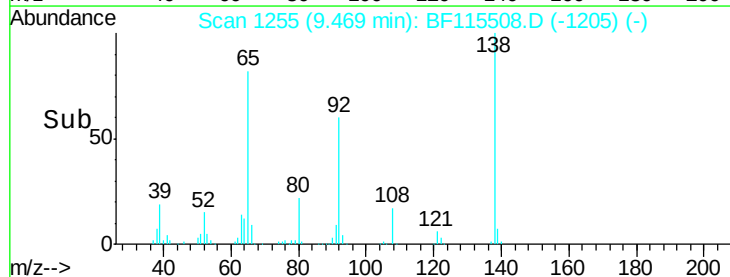
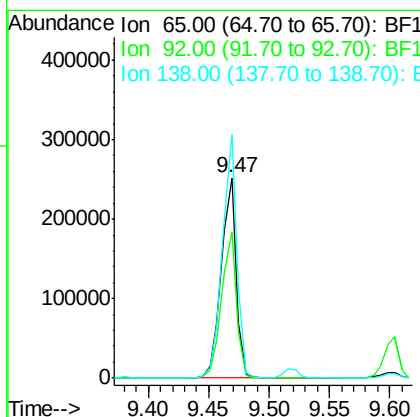
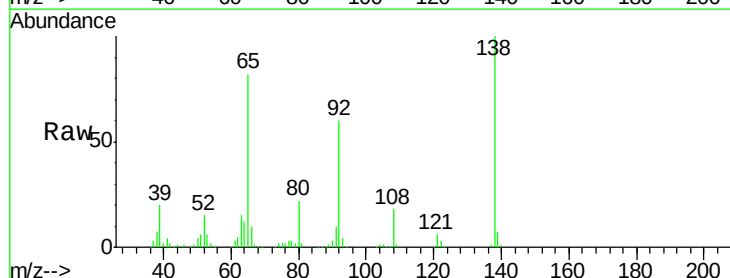
Instrument :
 BNA_F
 ClientSampleId :

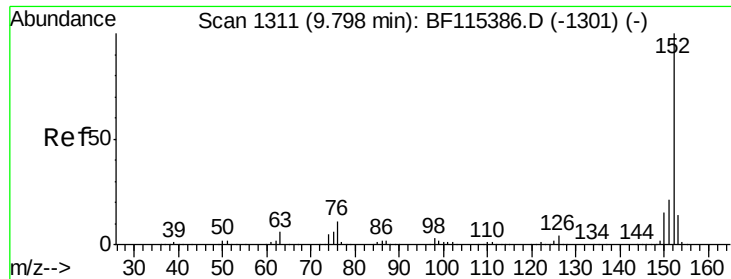
Tot Ion:162 Resp: 709630
 Ion Ratio Lower Upper
 162 100
 127 39.0 31.4 47.0
 164 33.1 27.2 40.8



#48
 2-Nitroaniline
 Concen: 39.734 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

Tgt Ion: 65 Resp: 213668
 Ion Ratio Lower Upper
 65 100
 92 73.0 59.0 88.4
 138 121.6 98.3 147.5





#49

Acenaphthylene

Concen: 39.241 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

Instrument :

BNA_F

ClientSampleId :

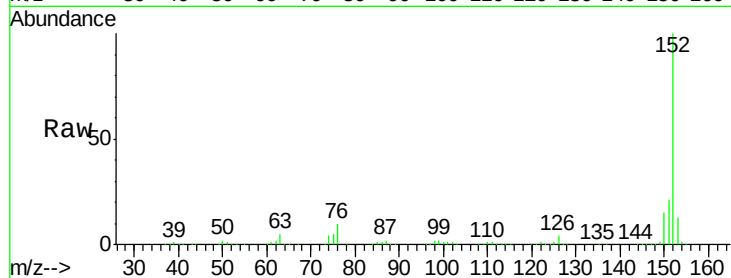
Tot Ion:152 Resp: 1087423

Ion Ratio Lower Upper

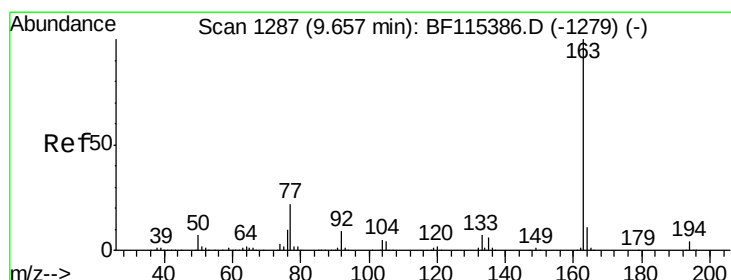
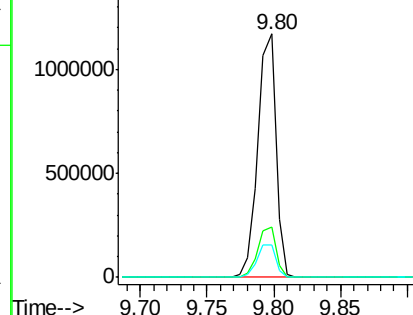
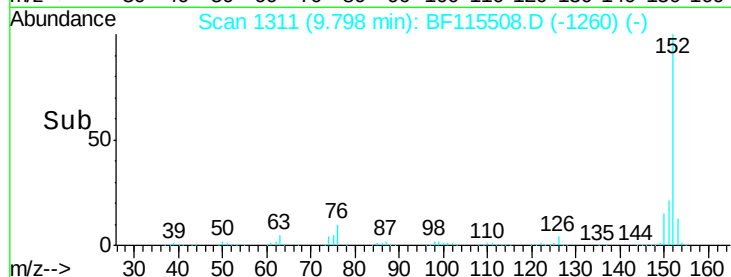
152 100

151 20.8 17.1 25.7

153 13.5 11.8 17.6



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: 51.174 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

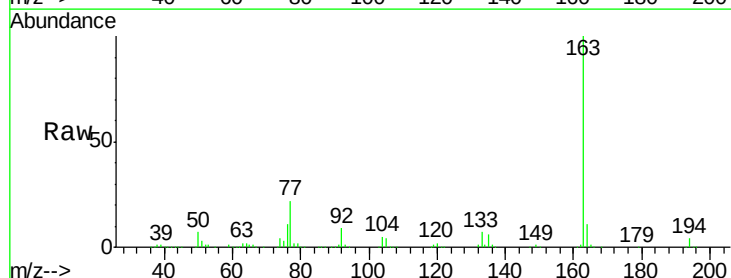
Tgt Ion:163 Resp: 1081987

Ion Ratio Lower Upper

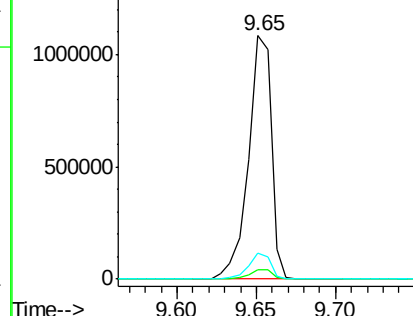
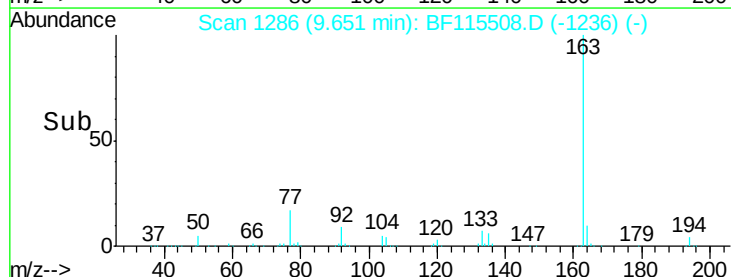
163 100

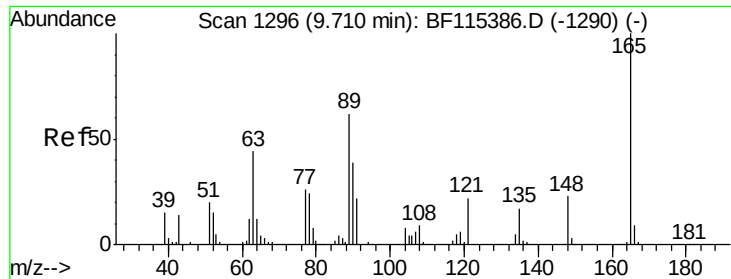
194 3.9 3.1 4.7

164 10.7 8.6 13.0



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

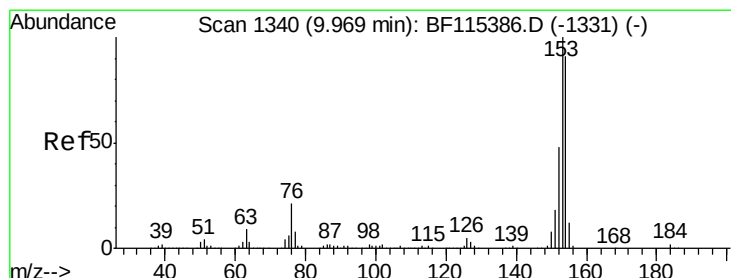
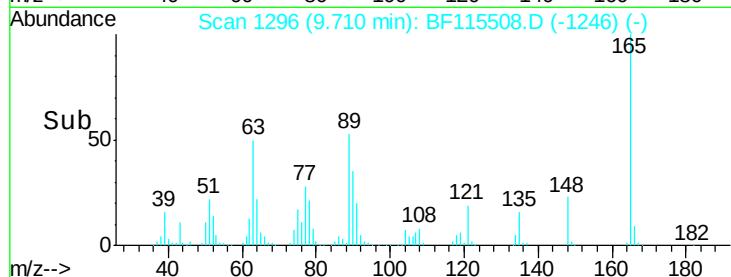
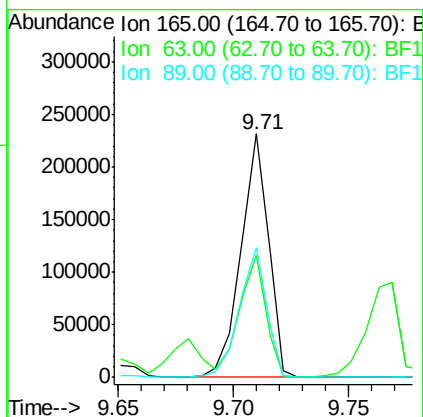
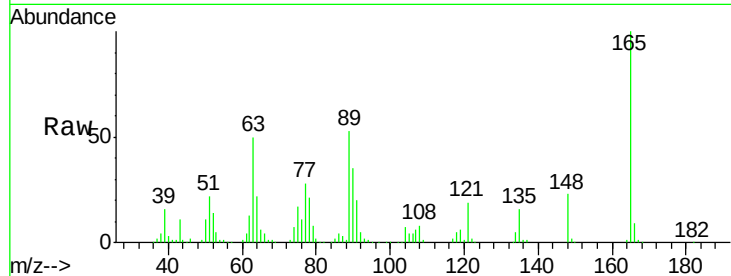




#51
2,6-Dinitrotoluene
Concen: 42.257 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

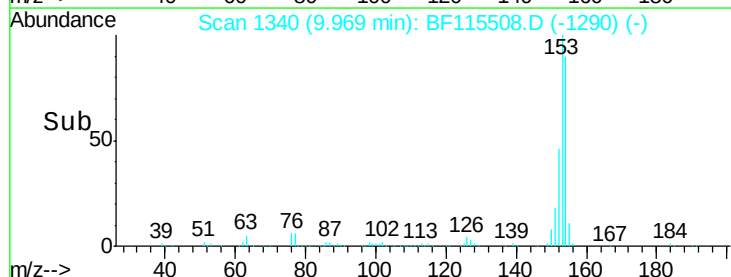
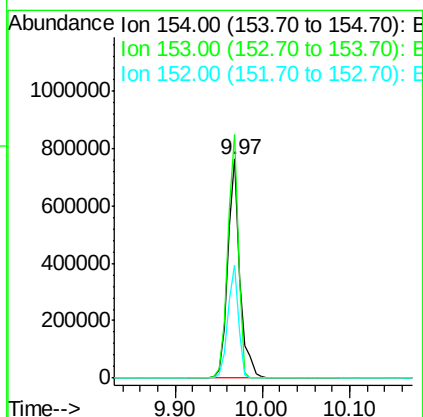
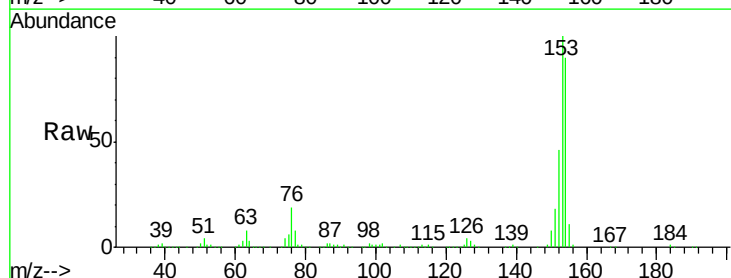
Instrument :
BNA_F
ClientSampleId :

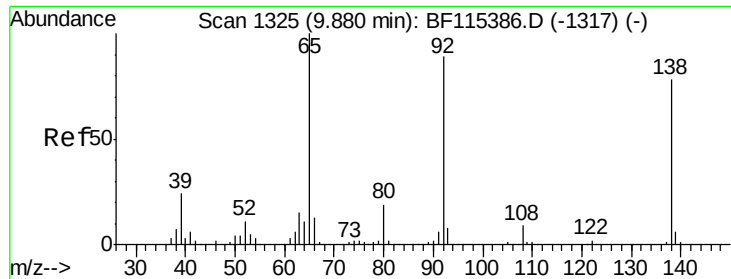
Tot Ion:165 Resp: 193772
Ion Ratio Lower Upper
165 100
63 50.0 39.7 59.5
89 53.2 42.8 64.2



#52
Acenaphthene
Concen: 41.995 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:154 Resp: 732405
Ion Ratio Lower Upper
154 100
153 111.1 89.8 134.8
152 51.4 41.4 62.0

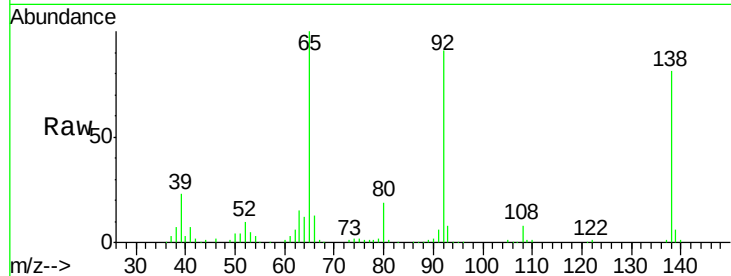




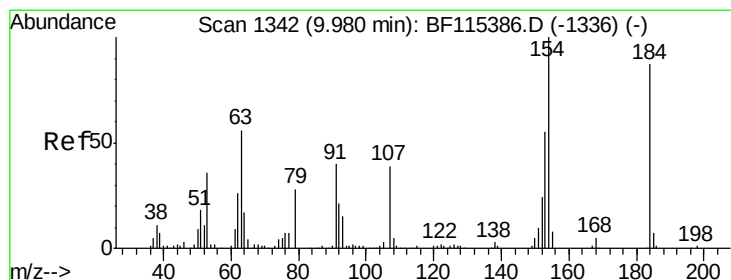
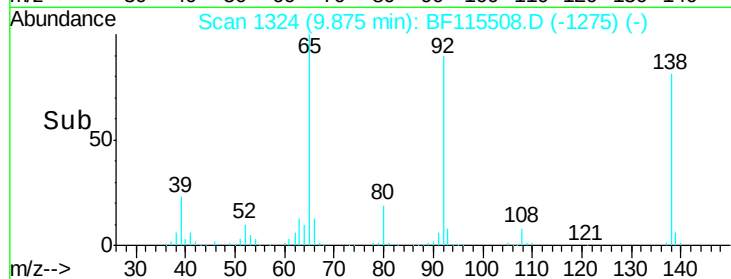
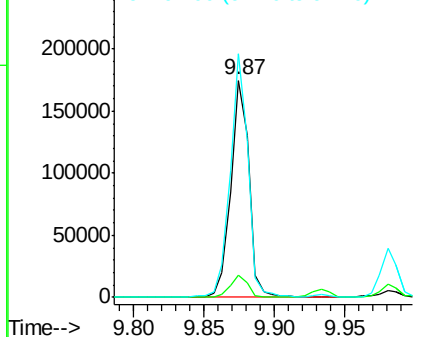
#53
3-Nitroaniline
Concen: 29.455 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 156872
Ion Ratio Lower Upper
138 100
108 10.3 8.5 12.7
92 112.0 86.1 129.1

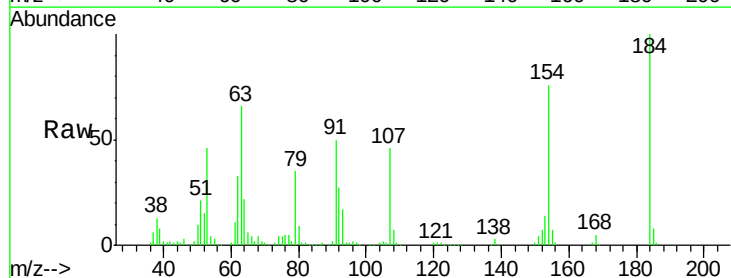


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

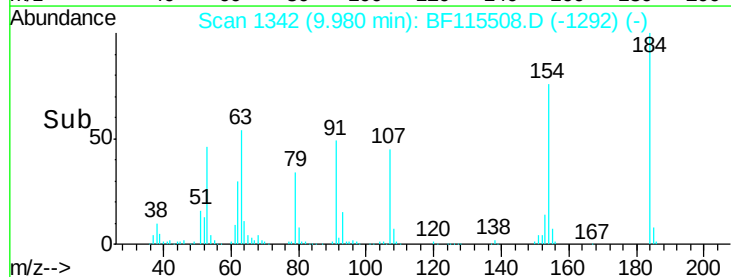
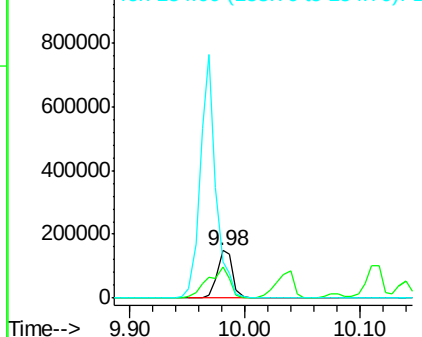


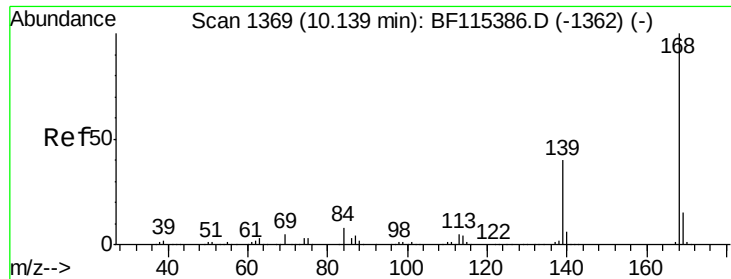
#54
2,4-Dinitrophenol
Concen: 71.614 ng
RT: 9.98 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:184 Resp: 139392
Ion Ratio Lower Upper
184 100
63 65.5 45.8 68.6
154 76.4 52.8 79.2



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

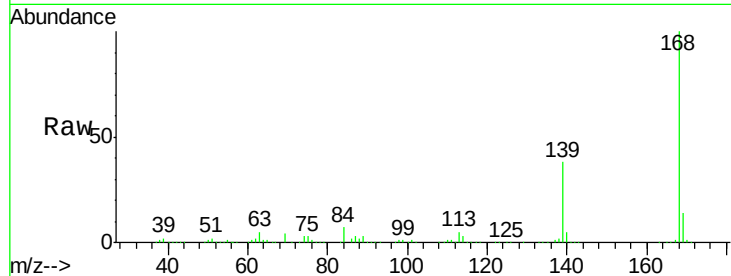




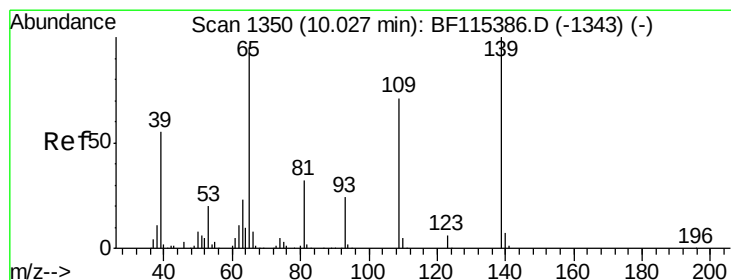
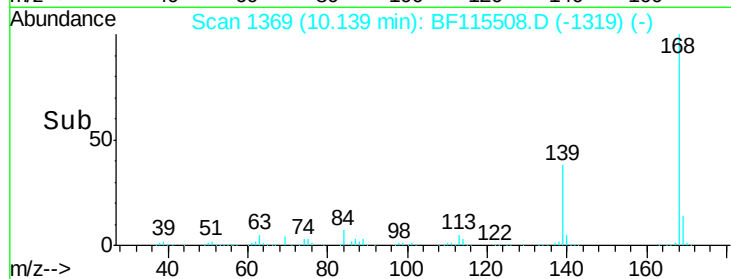
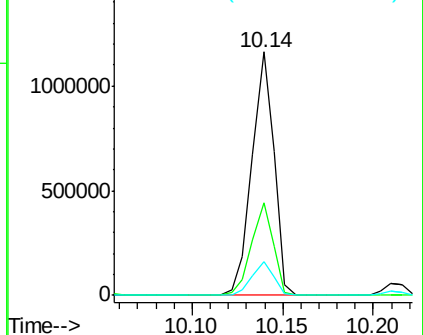
#55
Dibenzenofuran
Concen: 40.262 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 989143
Ion Ratio Lower Upper
168 100
139 37.8 30.6 46.0
169 14.0 11.0 16.6

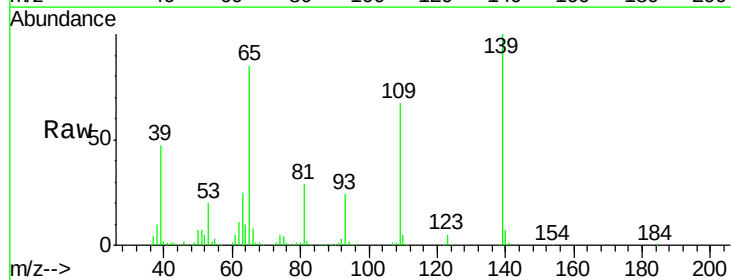


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

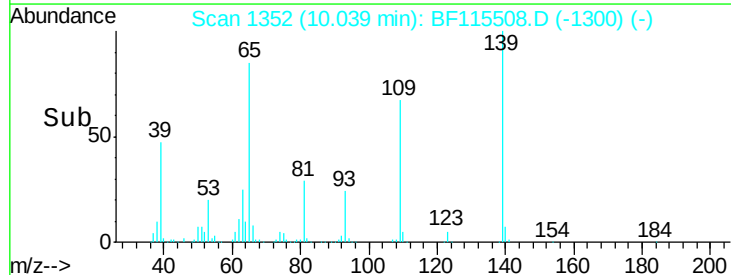
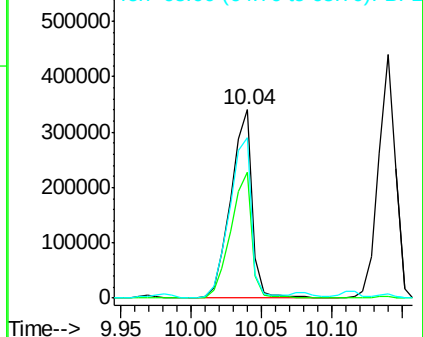


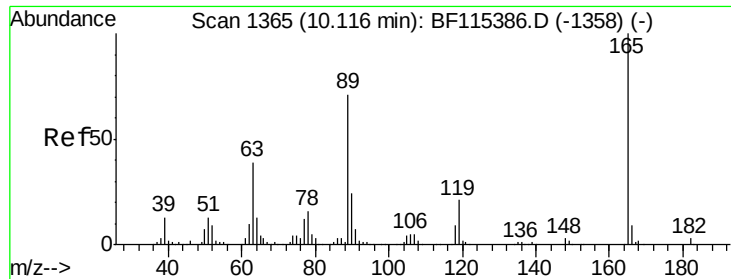
#56
4-Nitrophenol
Concen: 87.227 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:139 Resp: 359420
Ion Ratio Lower Upper
139 100
109 66.7 46.4 86.4
65 85.5 73.4 113.4



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

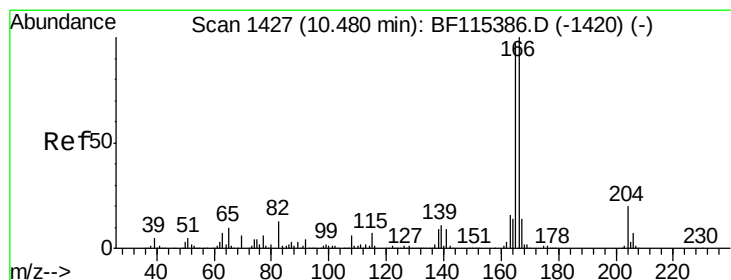
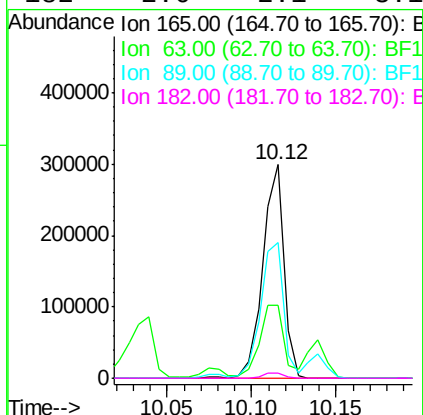
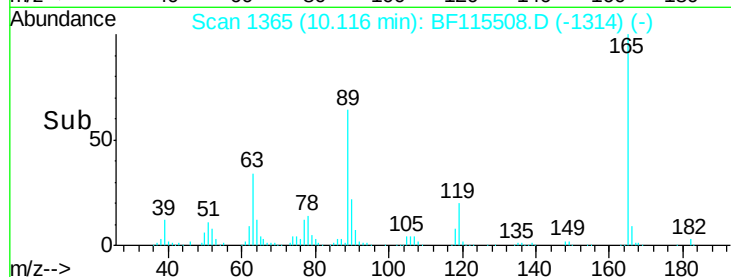
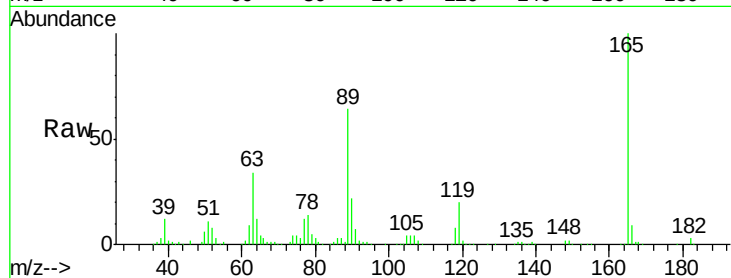




#57
2,4-Dinitrotoluene
Concen: 44.692 ng
RT: 10.12 min Scan# 1365
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

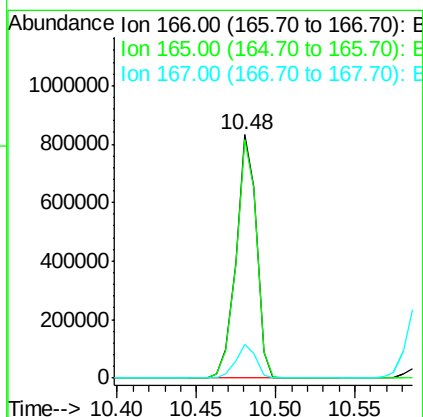
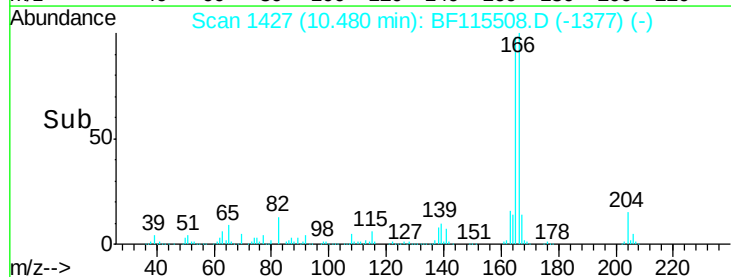
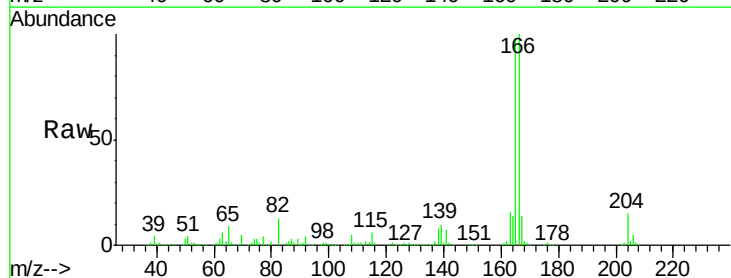
Instrument :
BNA_F
ClientSampleId :

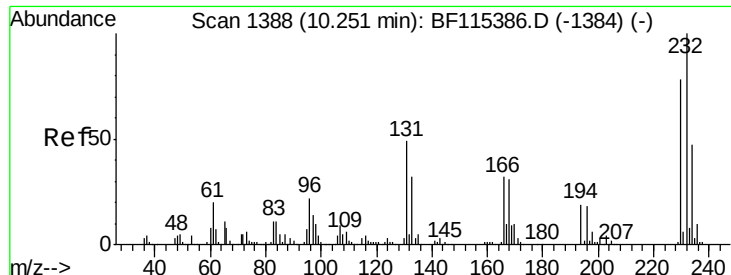
Tot Ion	Ratio	Lower	Upper
165	100		
63	34.2	33.0	49.4
89	63.7	58.5	87.7
182	2.6	2.1	3.1



#58
Fluorene
Concen: 38.046 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	98.0	78.7	118.1
167	13.7	10.8	16.2

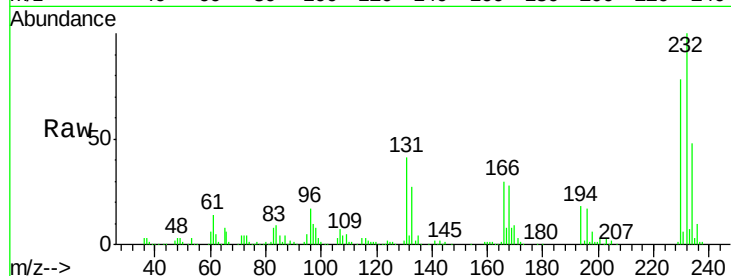




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 41.292 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. 0.00 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	44.2	35.4	53.0
130	2.1	1.7	2.5
166	30.5	24.8	37.2

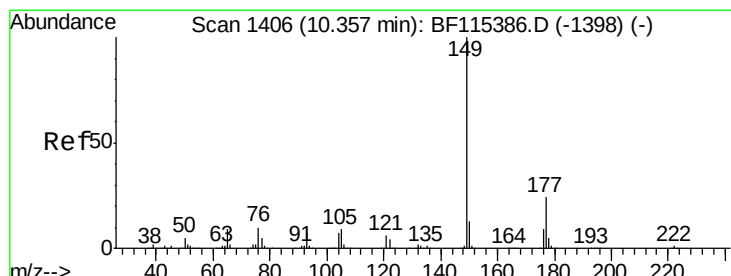
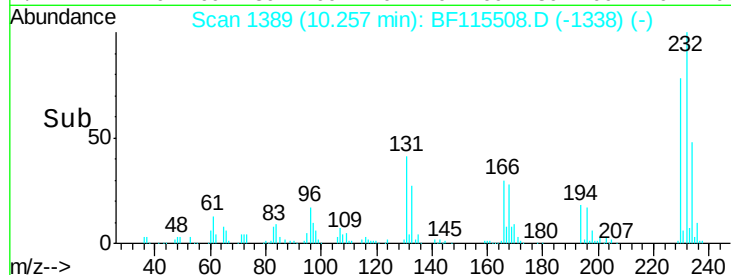
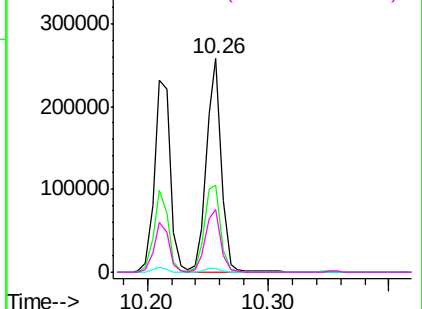


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

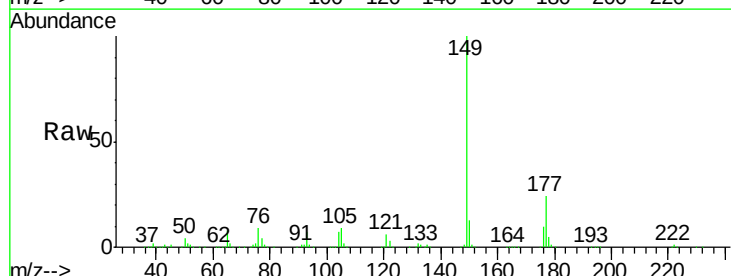
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.587 ng
 RT: 10.36 min Scan# 1406
 Delta R.T. 0.00 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

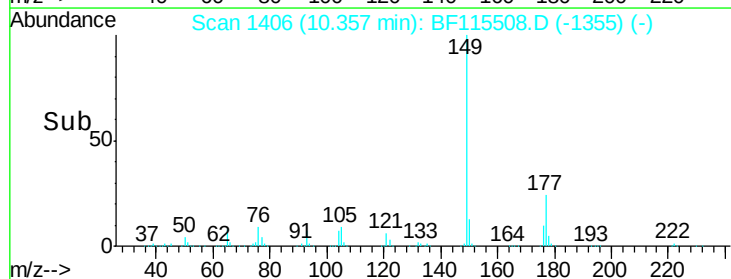
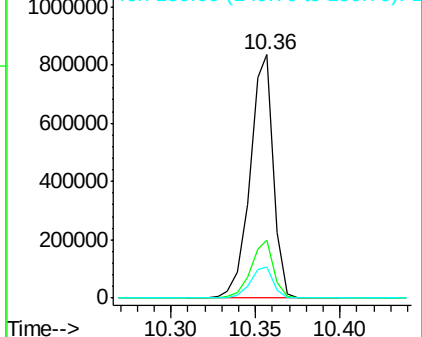
Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.8	19.0	28.4
150	12.7	10.4	15.6

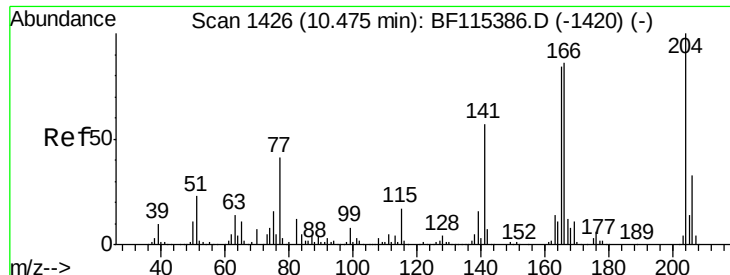


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

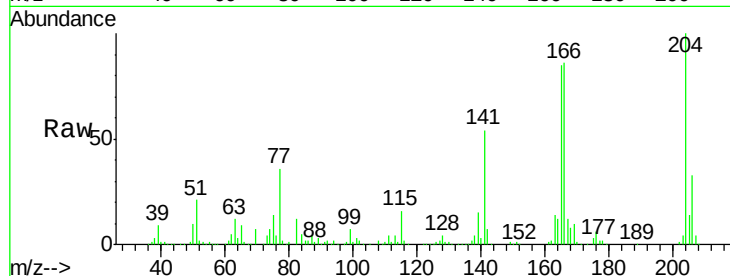




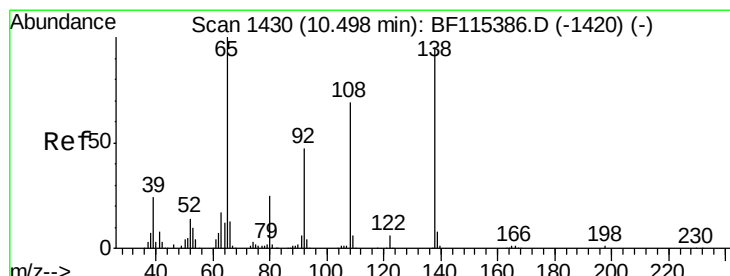
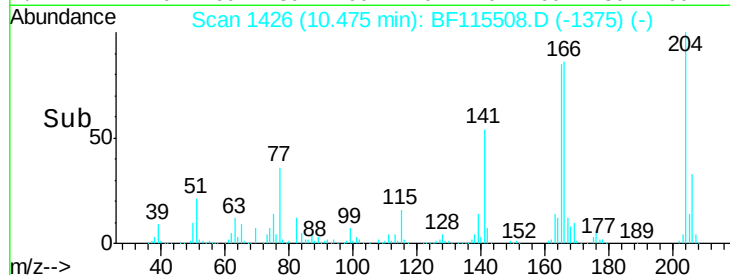
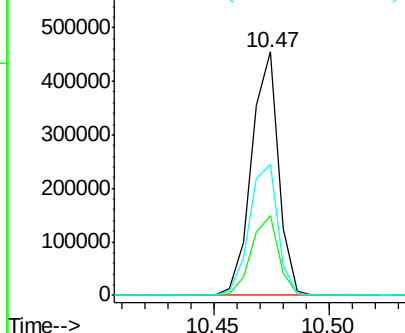
#61
 4-Chlorophenyl-phenylether
 Concen: 39.433 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:204 Resp: 372734
 Ion Ratio Lower Upper
 204 100
 206 32.6 26.8 40.2
 141 53.7 47.9 71.9

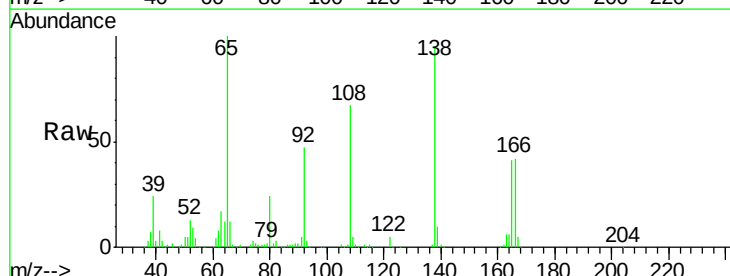


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

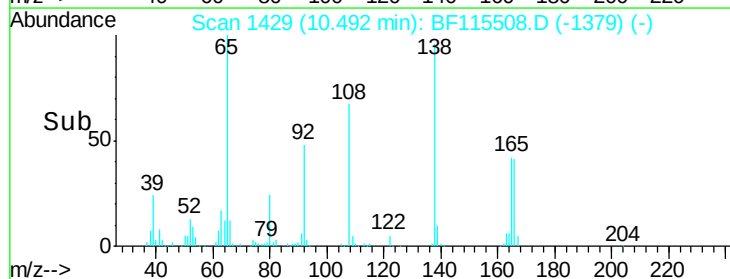
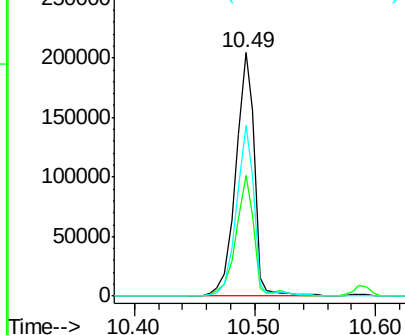


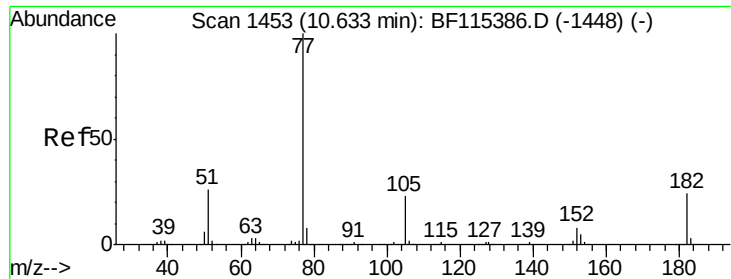
#62
 4-Nitroaniline
 Concen: 42.066 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

Tgt Ion:138 Resp: 219908
 Ion Ratio Lower Upper
 138 100
 92 49.6 29.9 69.9
 108 70.1 49.0 89.0



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





#63

Azobenzene

Concen: 36.865 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.01 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 790853

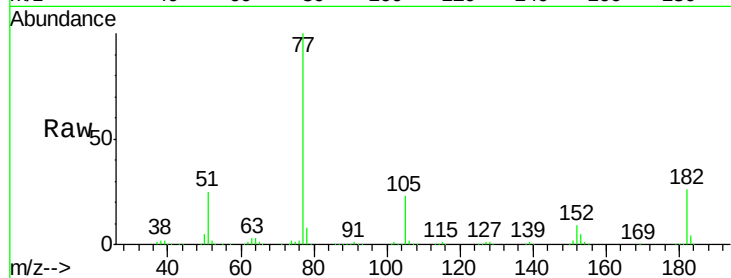
Ion Ratio Lower Upper

77 100

182 26.2 7.7 47.7

105 23.1 3.6 43.6

51 25.4 4.8 44.8

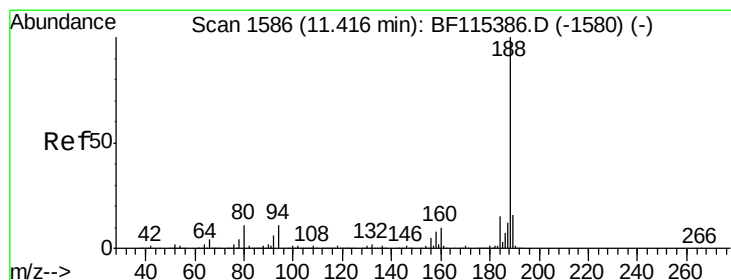
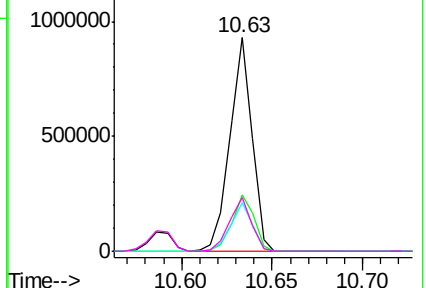
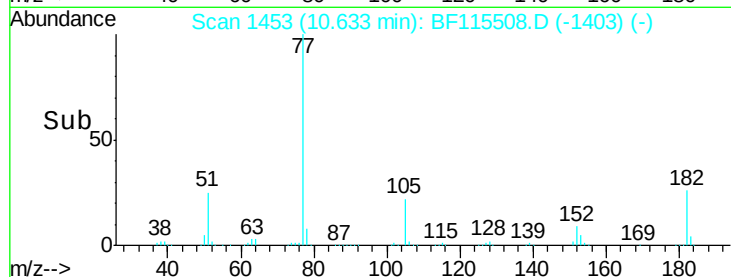


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.42 min Scan# 1586

Delta R.T. -0.01 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

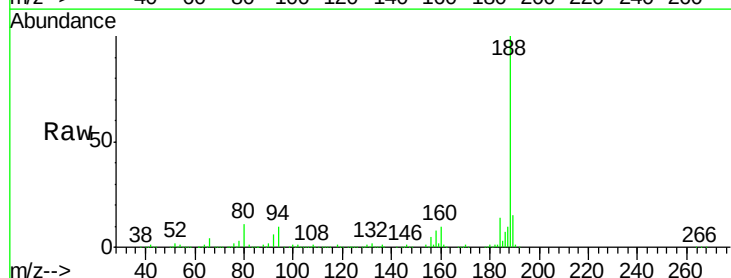
Tgt Ion: 188 Resp: 581652

Ion Ratio Lower Upper

188 100

94 10.2 7.8 11.8

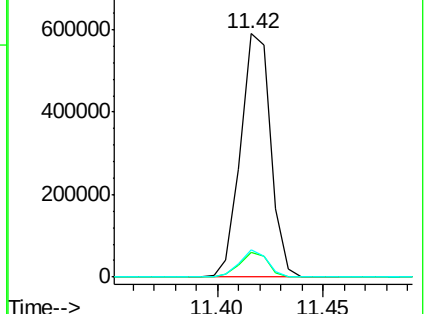
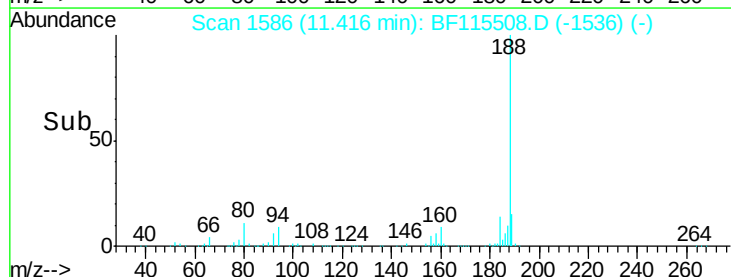
80 11.3 8.4 12.6

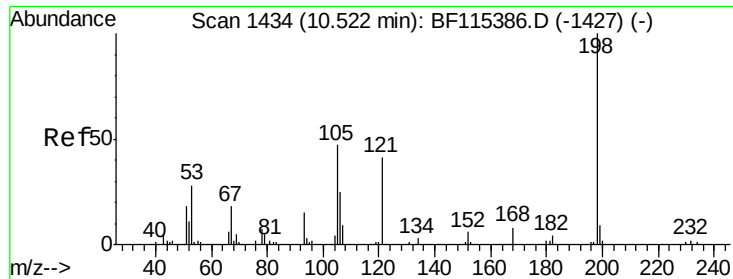


Abundance Ion 188.00 (187.70 to 188.70): BF1

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: 46.216 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

Instrument :

BNA_F

ClientSampleId :

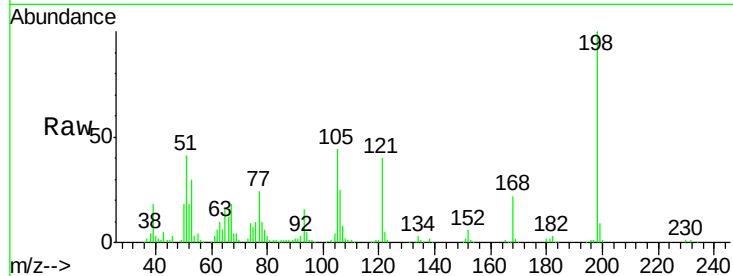
Tot Ion:198 Resp: 127743

Ion Ratio Lower Upper

198 100

51 41.5 20.7 60.7

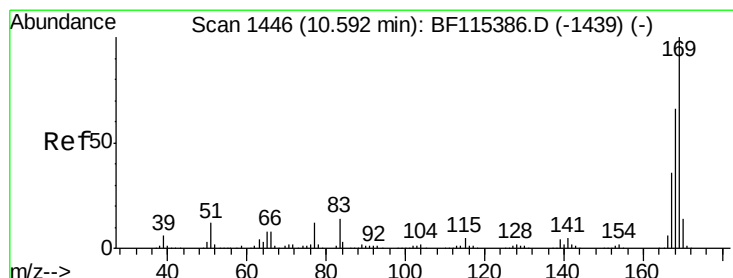
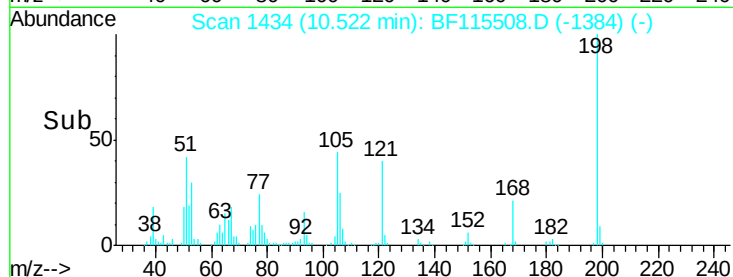
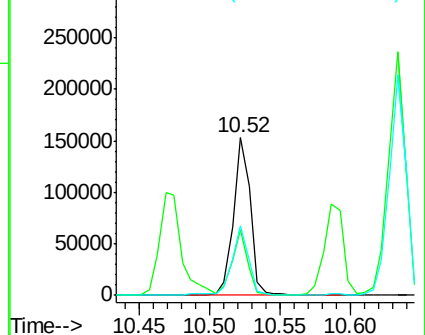
105 44.3 25.3 65.3



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: 37.661 ng

RT: 10.59 min Scan# 1446

Delta R.T. 0.00 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

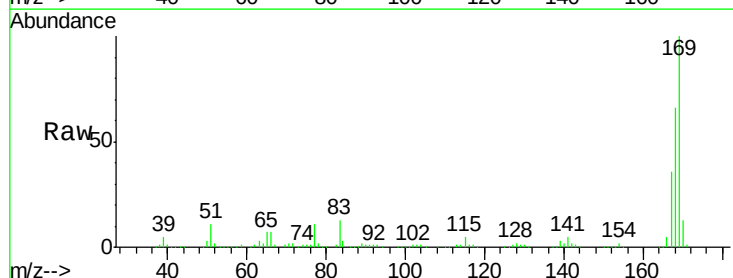
Tgt Ion:169 Resp: 690212

Ion Ratio Lower Upper

169 100

168 66.3 53.2 79.8

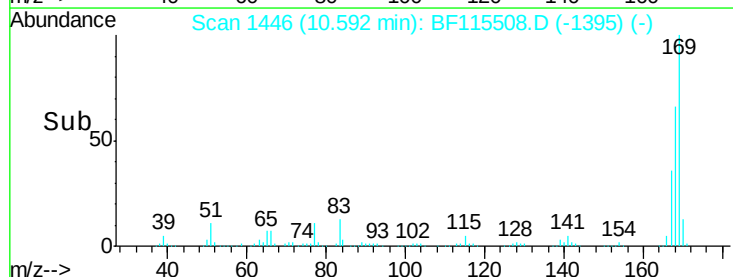
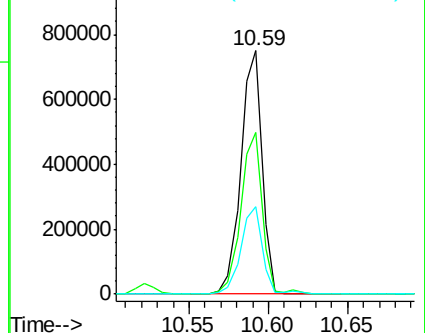
167 36.0 29.4 44.2

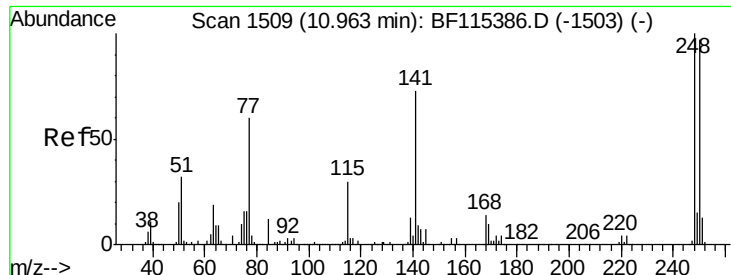


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

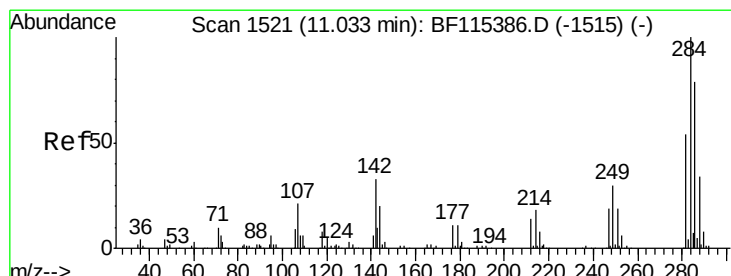
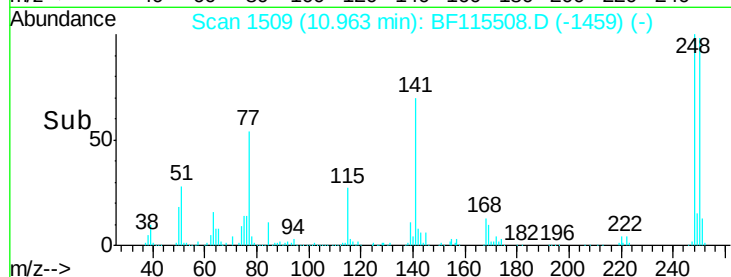
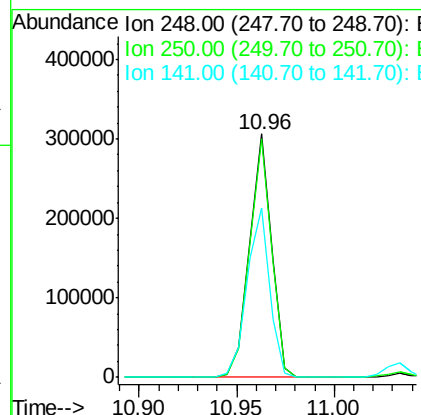
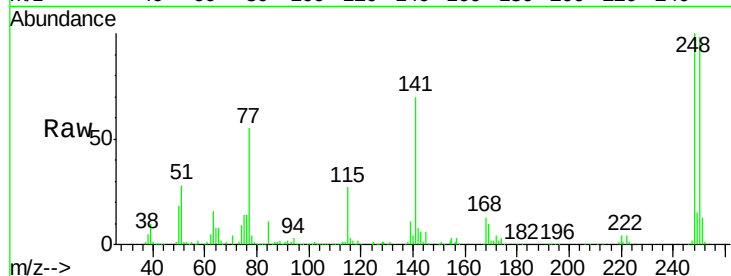




#67
 4-Bromophenyl-phenylether
 Concen: 36.923 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

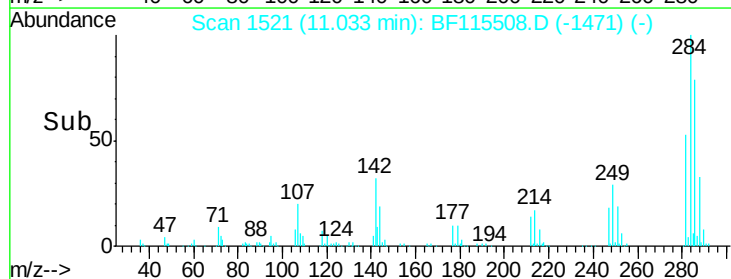
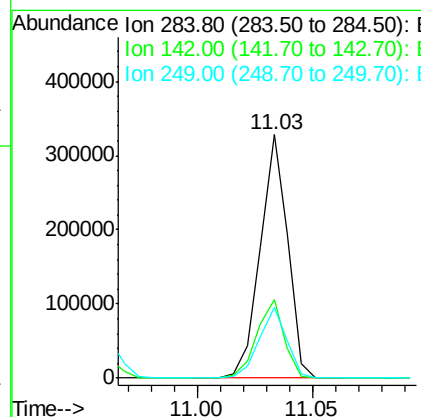
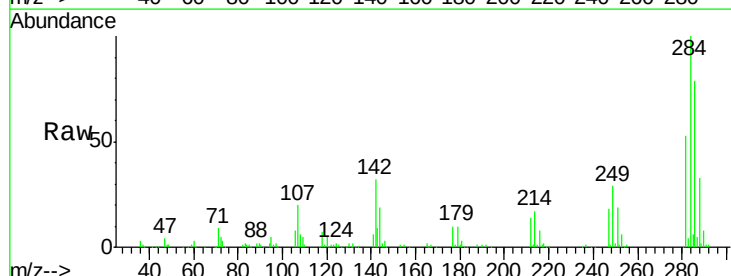
Instrument :
 BNA_F
 ClientSampleId :

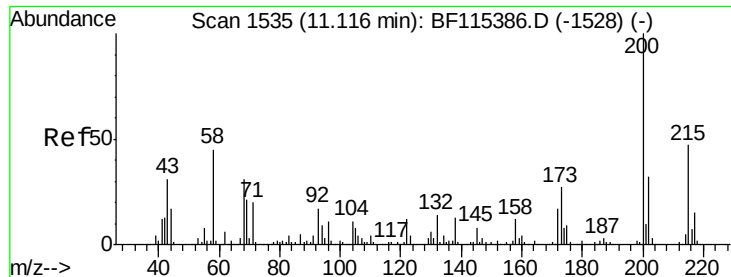
Tot Ion:	248	Resp:	240983
Ion	Ratio	Lower	Upper
248	100		
250	97.8	78.3	117.5
141	69.7	52.2	78.2



#68
 Hexachlorobenzene
 Concen: 37.238 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

Tgt Ion:	284	Resp:	272718
Ion	Ratio	Lower	Upper
284	100		
142	32.3	23.9	35.9
249	29.2	23.6	35.4

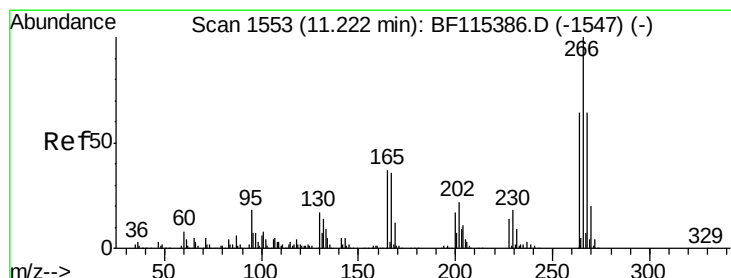
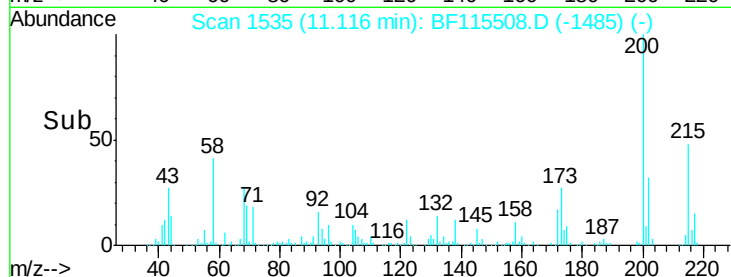
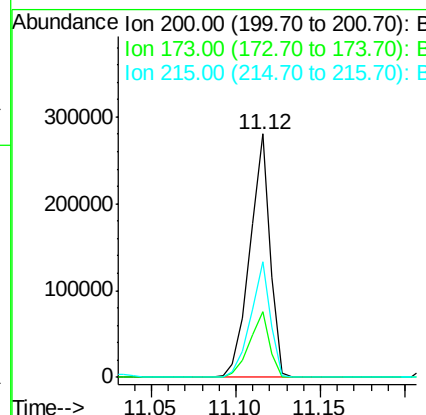
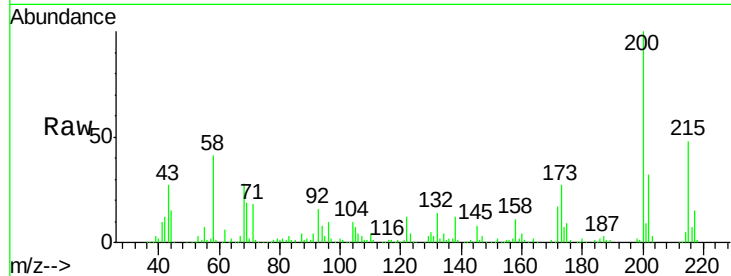




#69
 Atrazine
 Concen: 41.486 ng
 RT: 11.12 min Scan# 1535
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

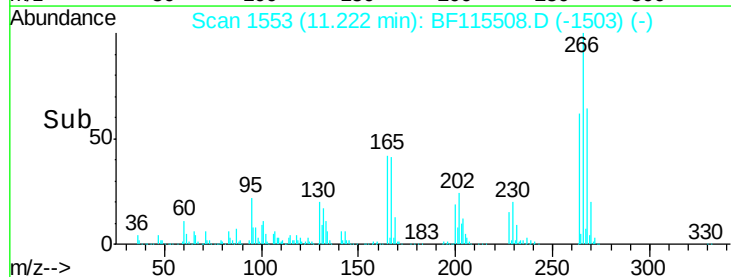
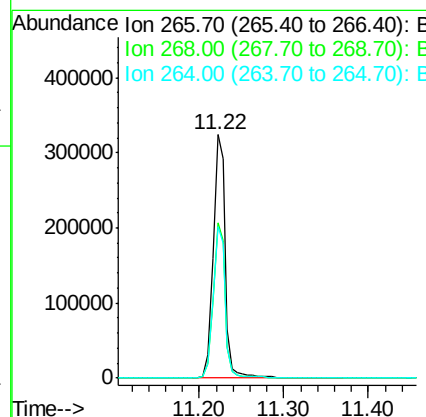
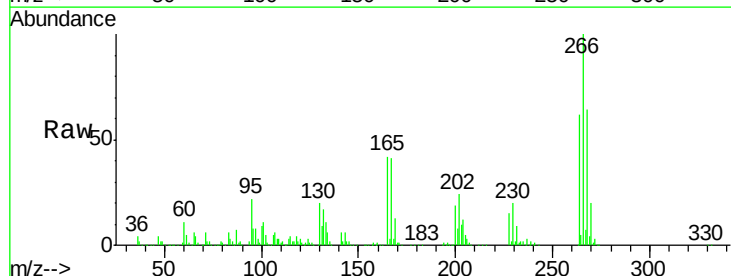
Instrument :
 BNA_F
 ClientSampleId :

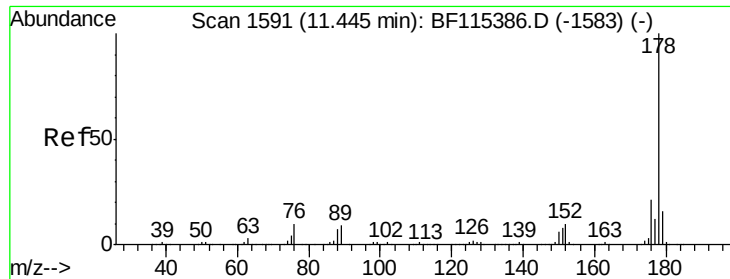
Tot Ion	Ratio	Lower	Upper
200	100		
173	27.2	7.0	47.0
215	47.6	27.8	67.8



#70
 Pentachlorophenol
 Concen: 73.321 ng
 RT: 11.22 min Scan# 1553
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

Tgt Ion	Ratio	Lower	Upper
266	100		
268	63.6	51.2	76.8
264	62.3	50.6	75.8

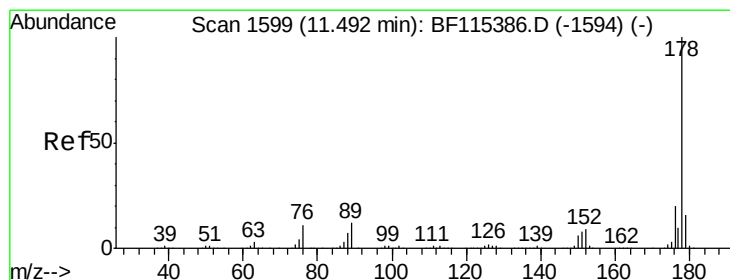
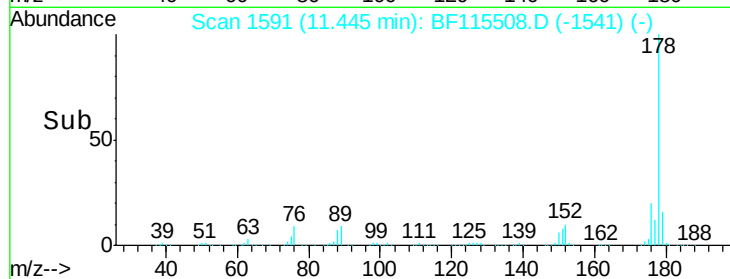
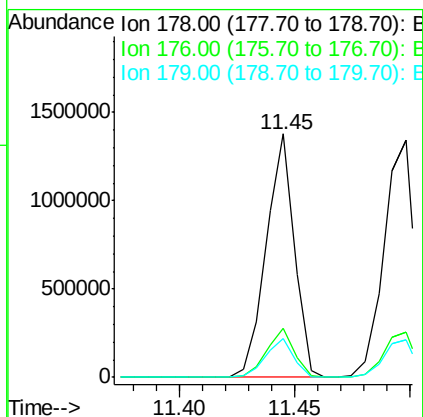
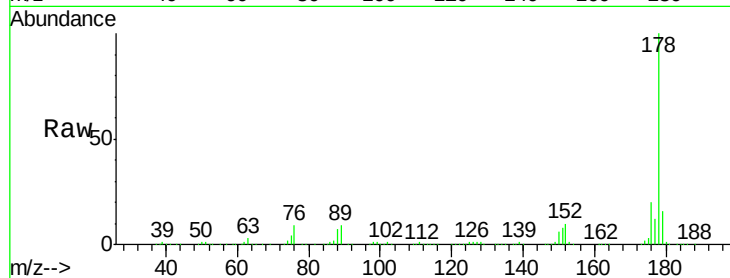




#71
Phenanthrene
Concen: 38.232 ng
RT: 11.45 min Scan# 1591
Delta R.T. -0.01 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

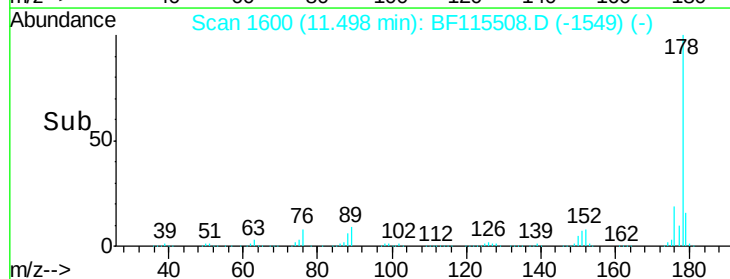
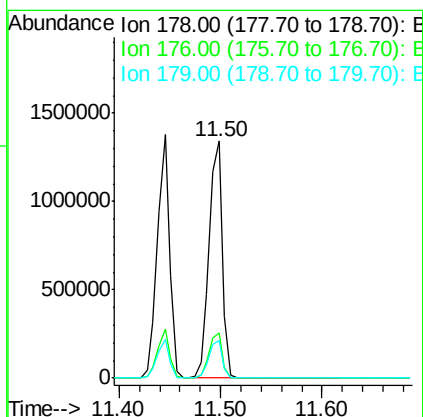
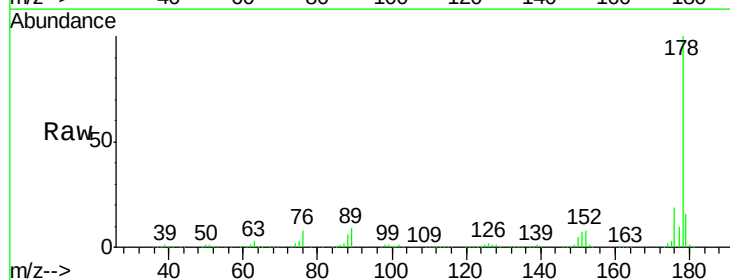
Instrument :
BNA_F
ClientSampleId :

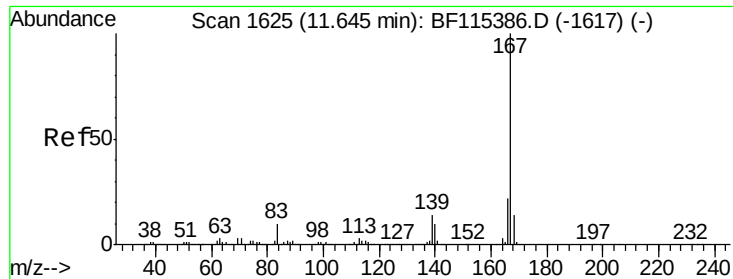
Tot Ion:178 Resp: 1169527
Ion Ratio Lower Upper
178 100
176 20.2 16.6 24.8
179 16.0 12.7 19.1



#72
Anthracene
Concen: 39.957 ng
RT: 11.50 min Scan# 1600
Delta R.T. 0.00 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:178 Resp: 1225684
Ion Ratio Lower Upper
178 100
176 19.3 15.8 23.6
179 15.6 13.0 19.6

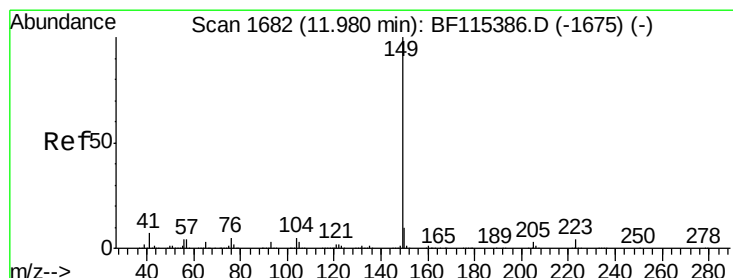
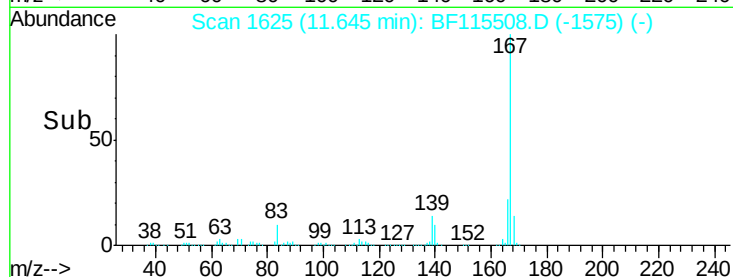
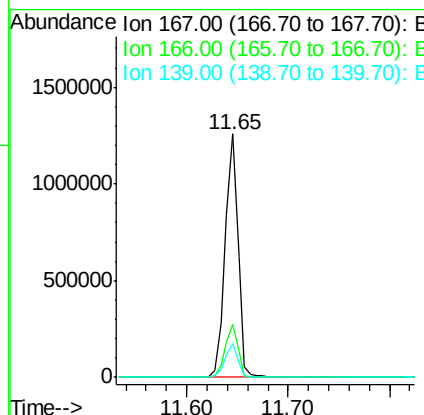
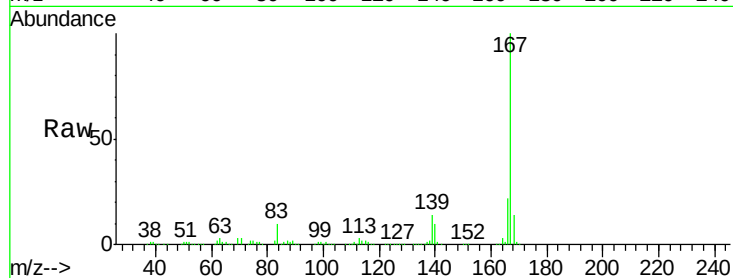




#73
 Carbazole
 Concen: 39.766 ng
 RT: 11.65 min Scan# 1625
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

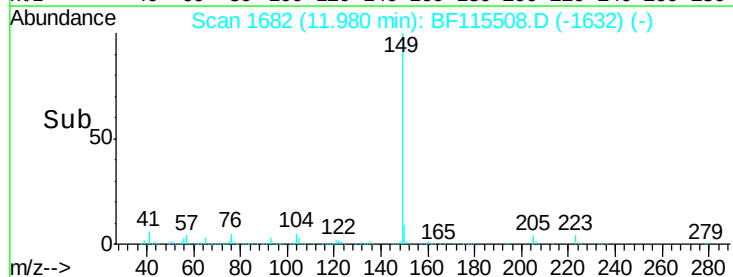
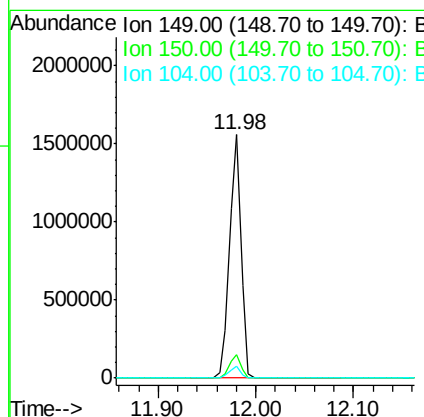
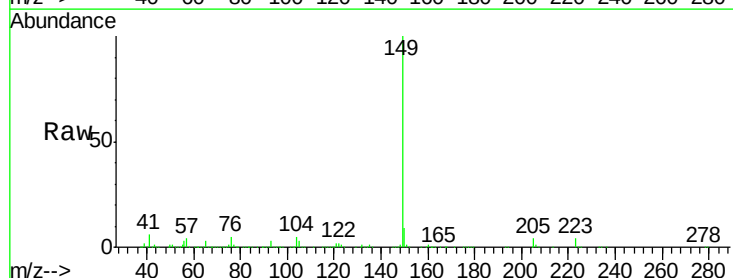
Instrument :
 BNA_F
 ClientSampleId :

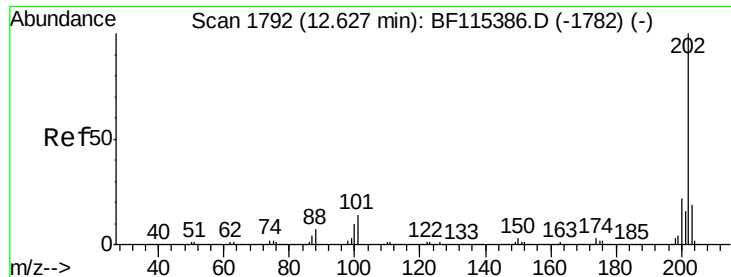
Tot Ion:167 Resp: 1115967
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.8 26.8
 139 13.8 10.9 16.3



#74
 Di-n-butylphthalate
 Concen: 37.676 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

Tgt Ion:149 Resp: 1277799
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.6 11.4
 104 5.0 3.9 5.9

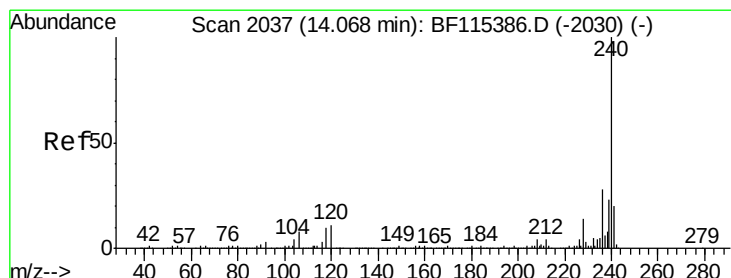
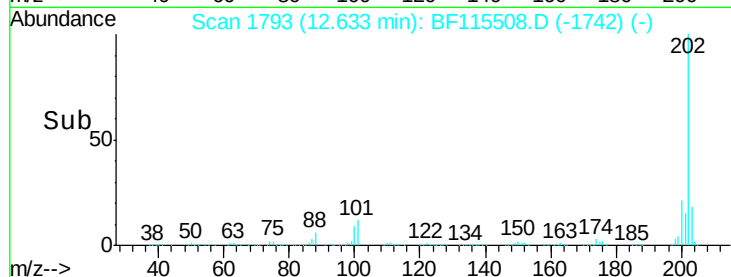
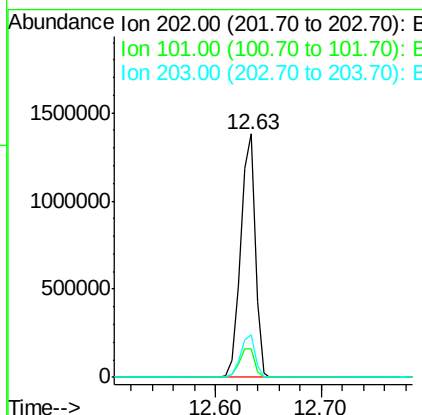
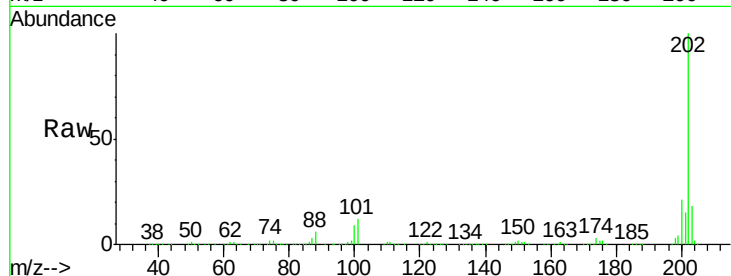




#75
 Fluoranthene
 Concen: 40.158 ng
 RT: 12.63 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

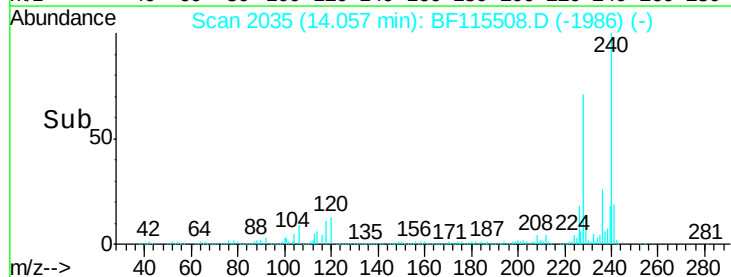
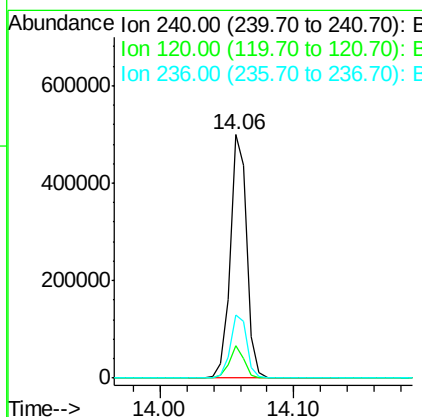
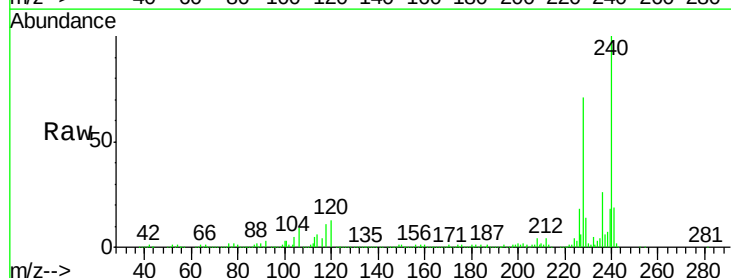
Instrument :
 BNA_F
 ClientSampleId :

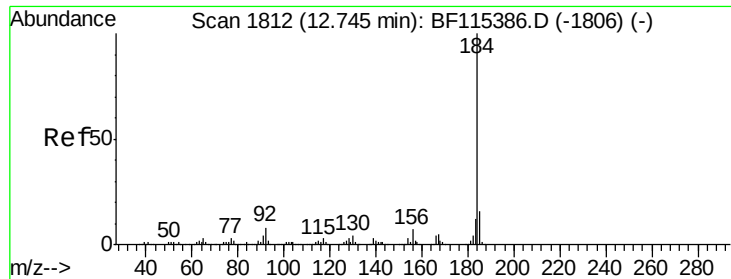
Tot Ion:202 Resp: 1293470
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 33.9
 203 17.8 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.06 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

Tgt Ion:240 Resp: 434917
 Ion Ratio Lower Upper
 240 100
 120 13.1 10.2 15.4
 236 26.2 21.1 31.7





#77

Benzidine

Concen: 10.251 ng

RT: 12.75 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

Instrument :

BNA_F

ClientSampled :

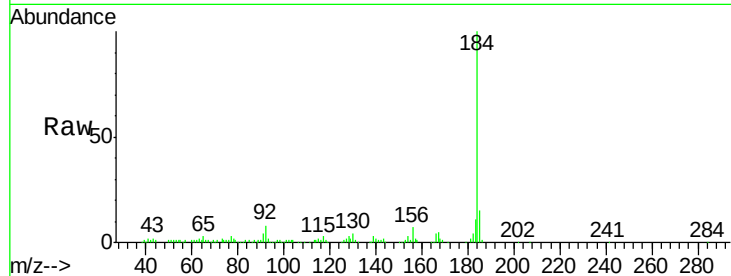
Tot Ion:184 Resp: 173860

Ion Ratio Lower Upper

184 100

185 14.7 13.0 19.6

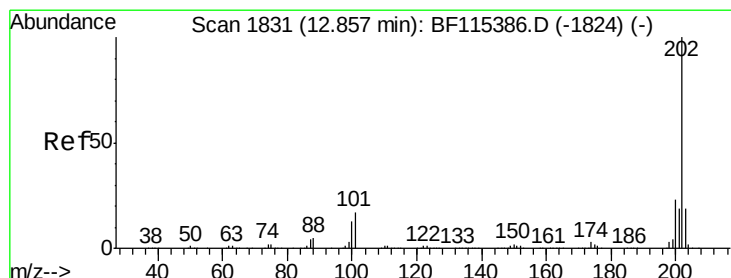
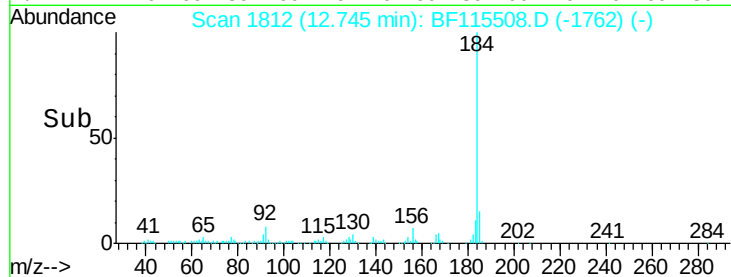
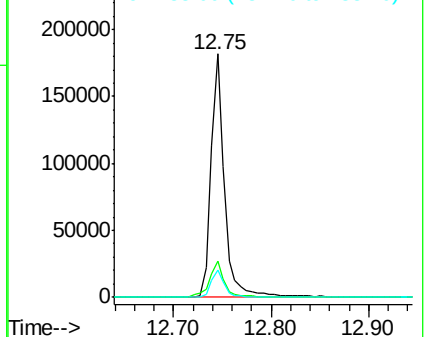
183 11.2 9.7 14.5



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: 39.316 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.00 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

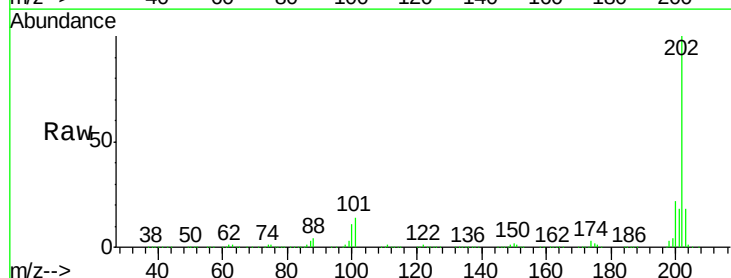
Tgt Ion:202 Resp: 1329700

Ion Ratio Lower Upper

202 100

200 21.9 17.6 26.4

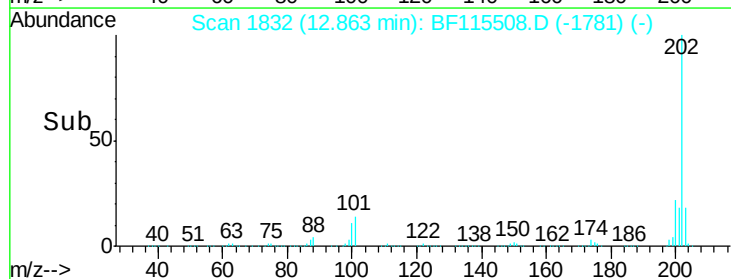
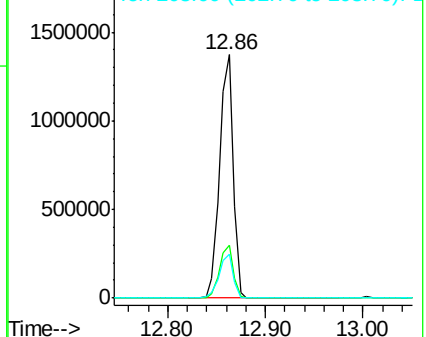
203 18.0 14.7 22.1

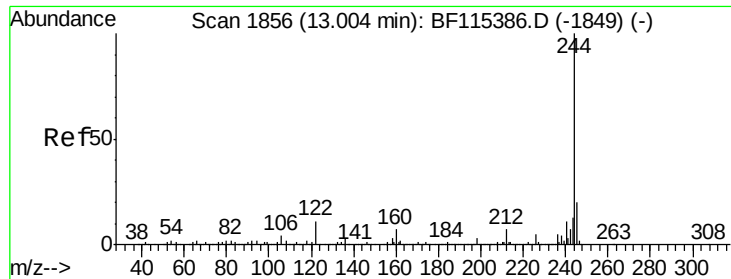


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

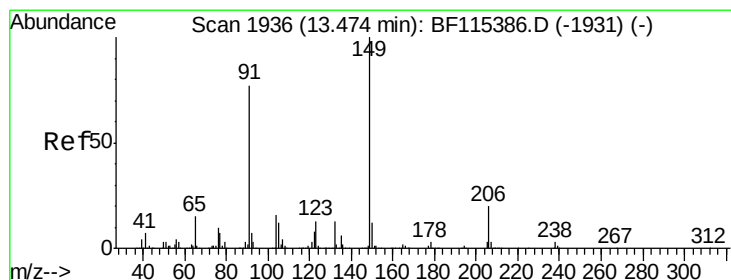
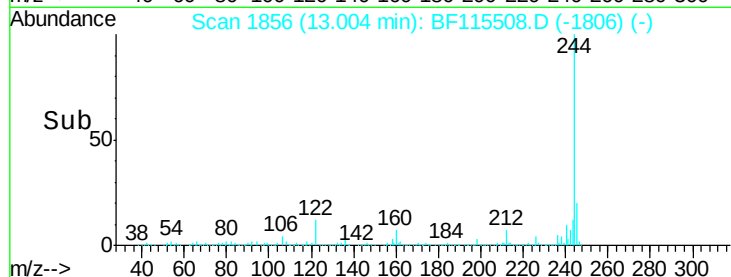
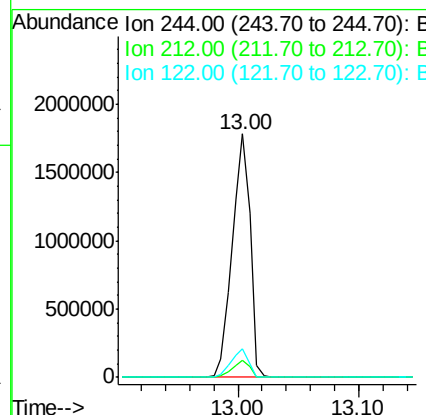
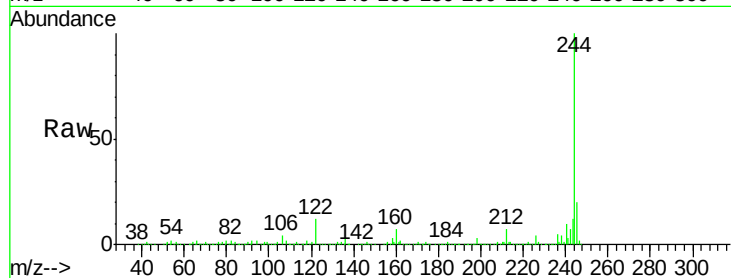




#79
 Terphenyl-d14
 Concen: 85.921 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

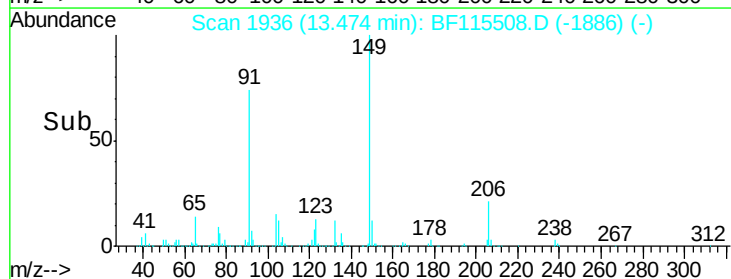
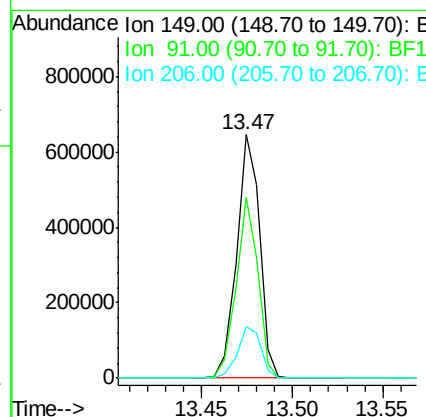
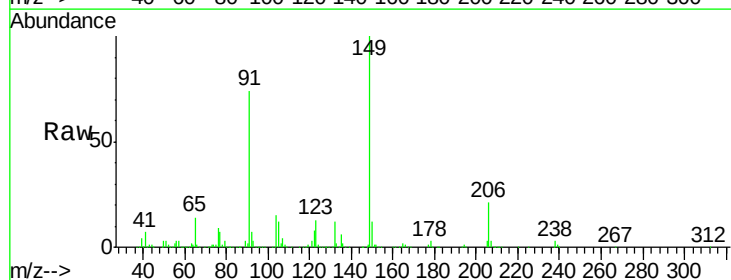
Instrument :
 BNA_F
 ClientSampled :

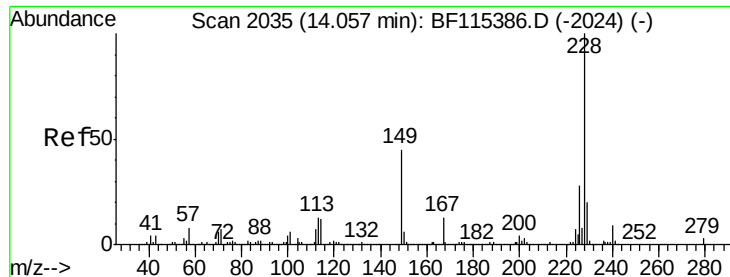
Tot Ion:244 Resp: 1825085
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 11.5 9.1 13.7



#80
 Butylbenzylphthalate
 Concen: 38.373 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

Tgt Ion:149 Resp: 567046
 Ion Ratio Lower Upper
 149 100
 91 74.1 57.8 86.6
 206 21.0 16.9 25.3





#81

Benzo(a)anthracene

Concen: 38.891 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

Instrument :

BNA_F

ClientSampleId :

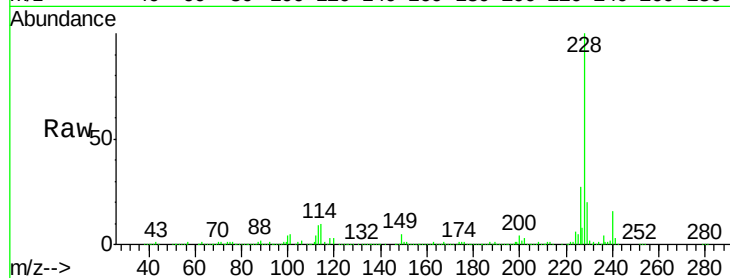
Tot Ion:228 Resp: 1083752

Ion Ratio Lower Upper

228 100

226 27.4 22.6 34.0

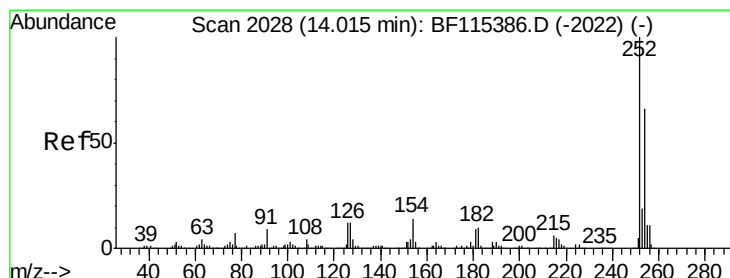
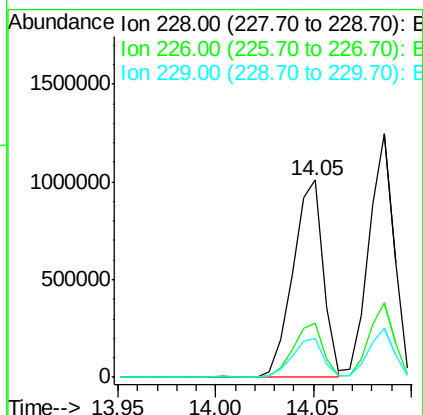
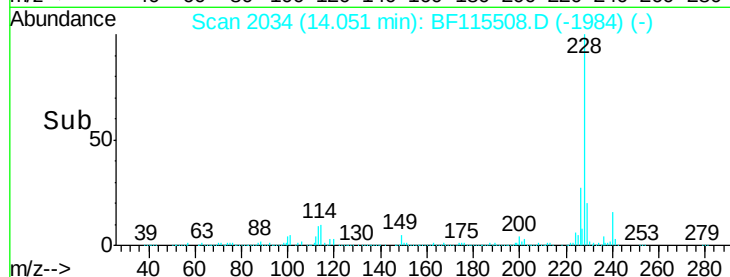
229 19.8 16.4 24.6



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: 30.718 ng

RT: 14.00 min Scan# 2026

Delta R.T. -0.01 min

Lab File: BF115508.D

Acq: 11 Jul 2019 21:35

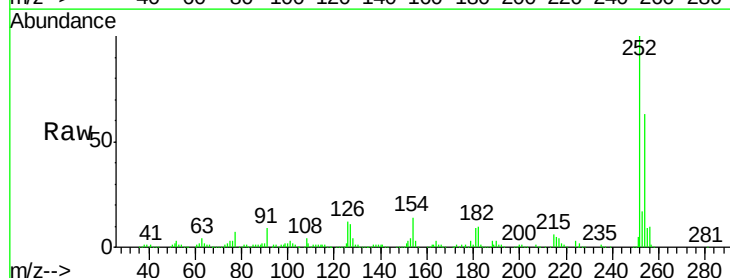
Tgt Ion:252 Resp: 310603

Ion Ratio Lower Upper

252 100

254 63.0 52.9 79.3

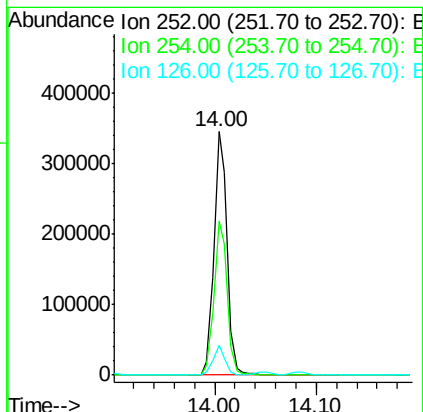
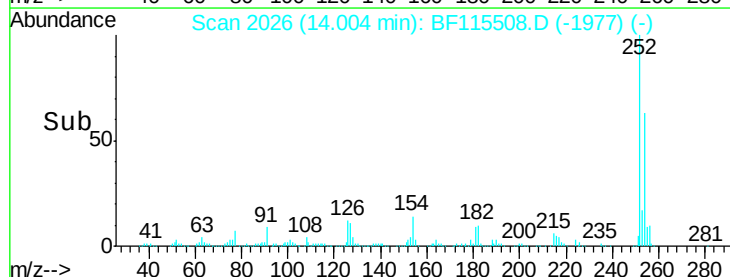
126 12.4 10.0 15.0

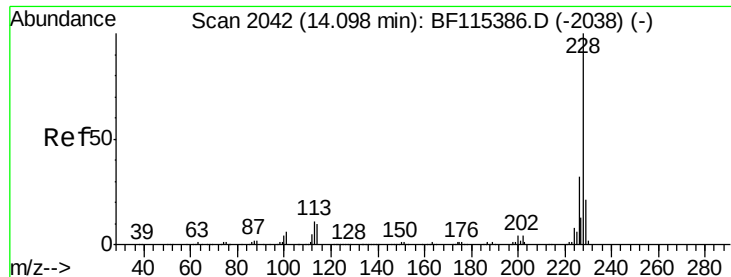


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

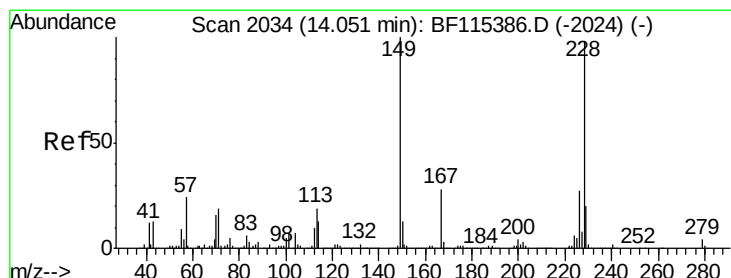
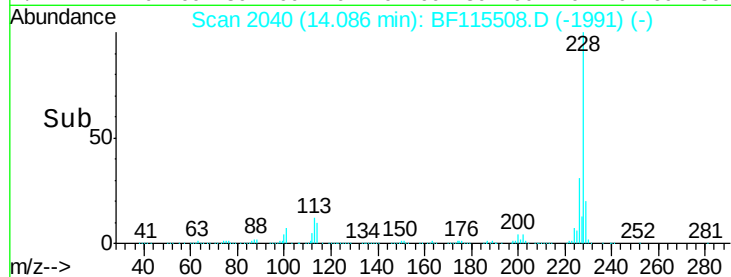
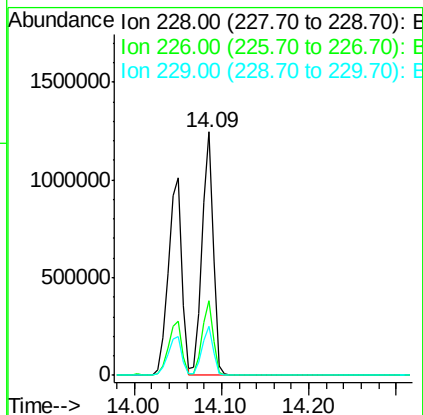




#83
 Chrvsene
 Concen: 38.828 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

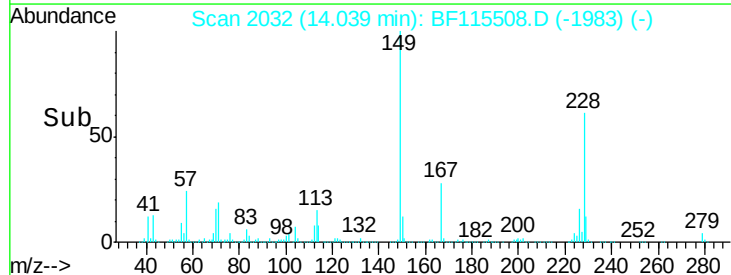
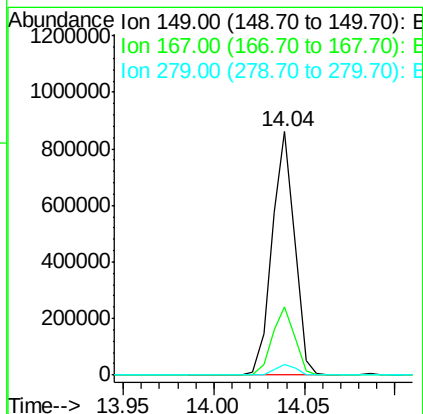
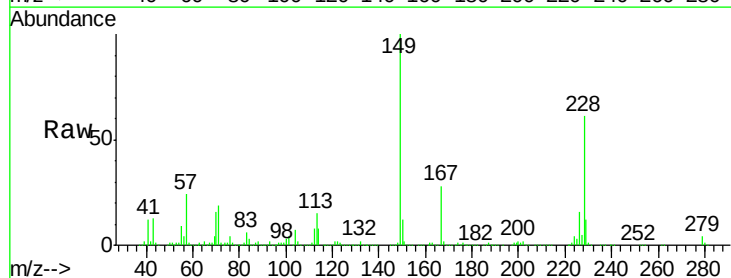
Instrument :
 BNA_F
 ClientSampleId :

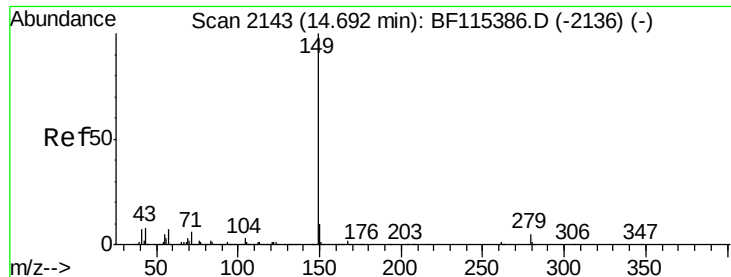
Tot Ion:228 Resp: 1111729
 Ion Ratio Lower Upper
 228 100
 226 30.9 25.1 37.7
 229 20.0 16.1 24.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.305 ng
 RT: 14.04 min Scan# 2032
 Delta R.T. -0.01 min
 Lab File: BF115508.D
 Acq: 11 Jul 2019 21:35

Tgt Ion:149 Resp: 737587
 Ion Ratio Lower Upper
 149 100
 167 28.0 22.6 34.0
 279 4.5 3.8 5.6

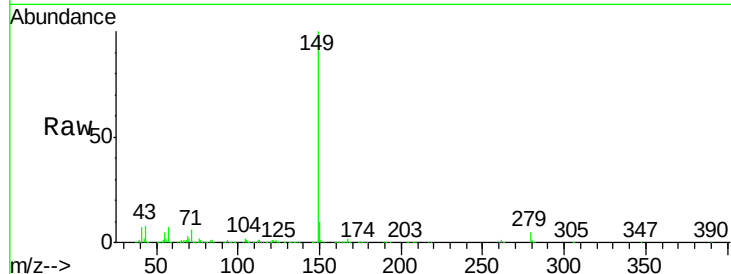




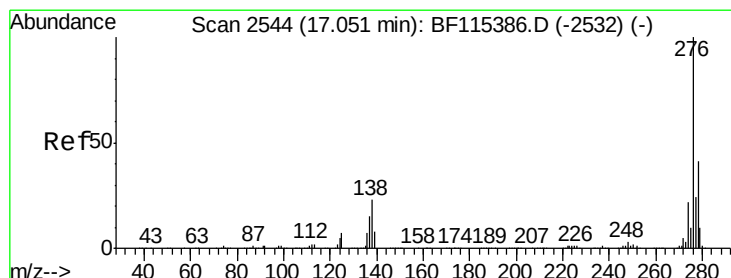
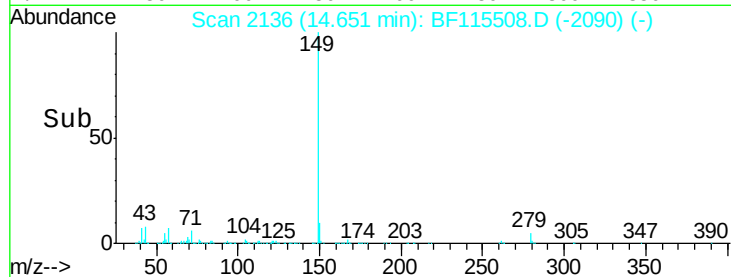
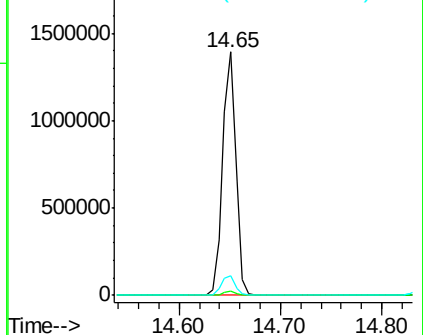
#85
Di-n-octyl phthalate
Concen: 38.721 ng
RT: 14.65 min Scan# 2136
Delta R.T. -0.03 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:149 Resp: 1261478
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 8.5 7.0 10.6

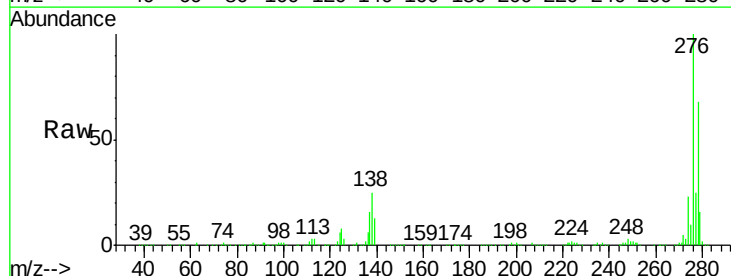


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

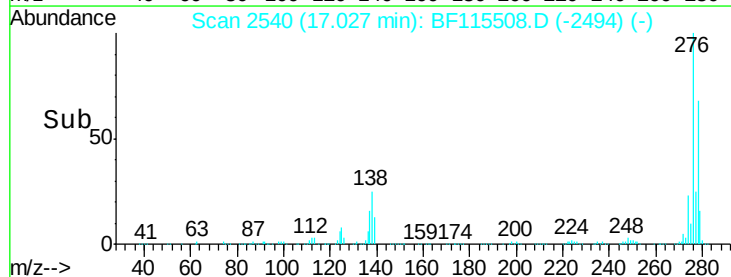
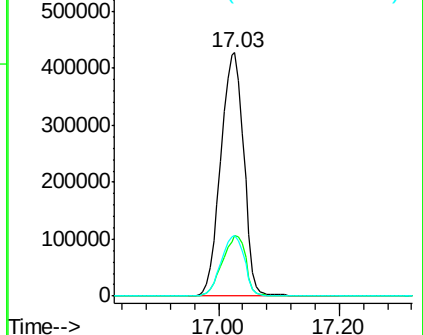


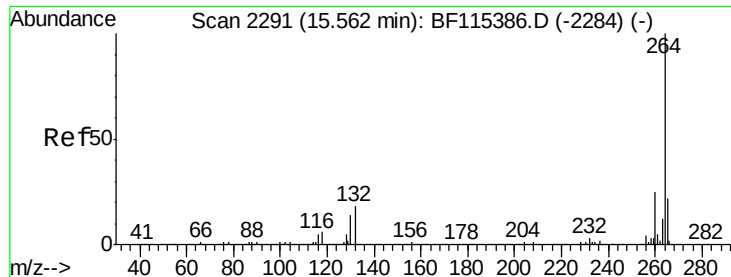
#86
Indeno(1,2,3-cd)pyrene
Concen: 48.920 ng
RT: 17.03 min Scan# 2540
Delta R.T. -0.03 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:276 Resp: 1135166
Ion Ratio Lower Upper
276 100
138 25.5 20.6 31.0
277 25.3 20.2 30.2



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E

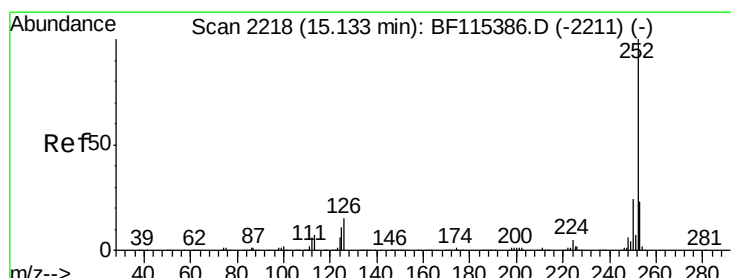
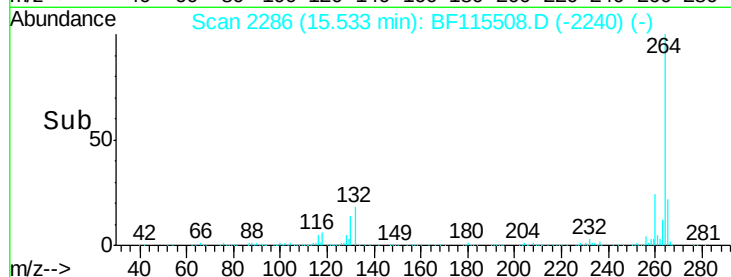
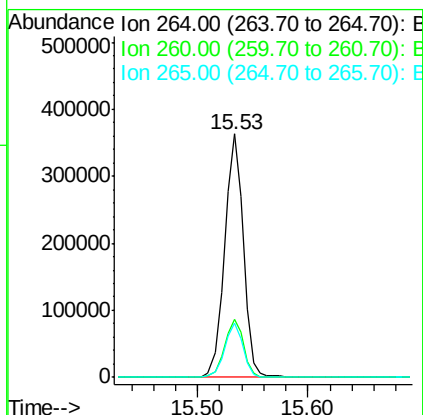
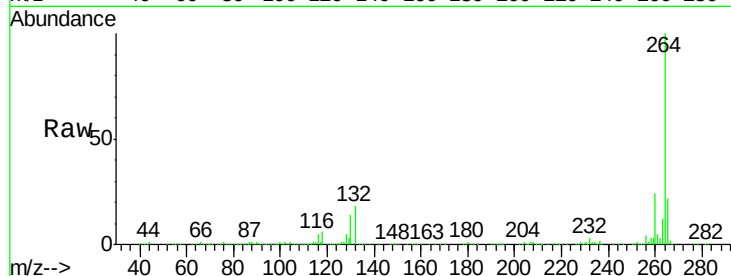




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.53 min Scan# 2286
Delta R.T. -0.03 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

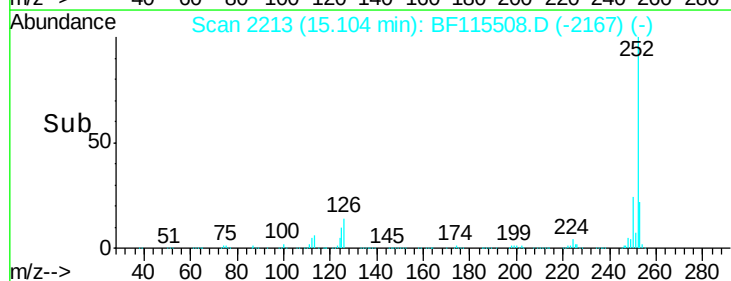
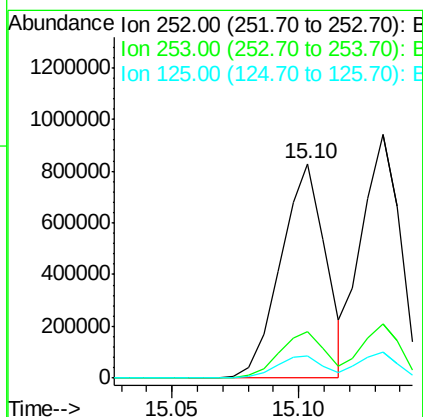
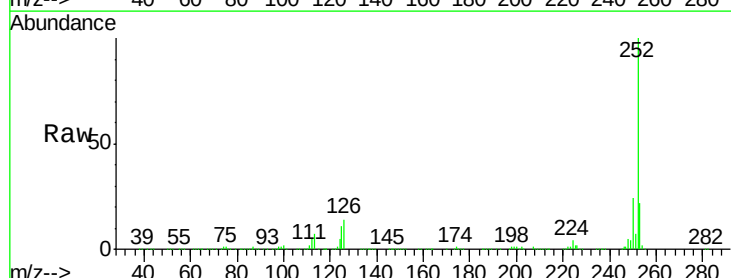
Instrument :
BNA_F
ClientSampleId :

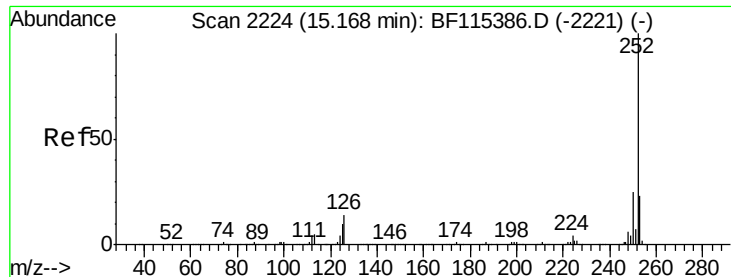
Tot Ion:264 Resp: 431672
Ion Ratio Lower Upper
264 100
260 24.0 20.1 30.1
265 22.1 17.8 26.6



#88
Benzo(b)fluoranthene
Concen: 36.376 ng
RT: 15.10 min Scan# 2213
Delta R.T. -0.03 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:252 Resp: 1022362
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.6 8.5 12.7

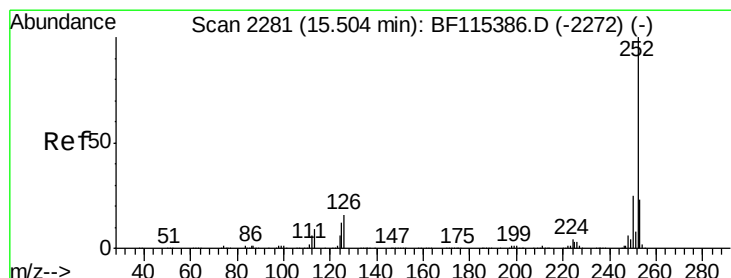
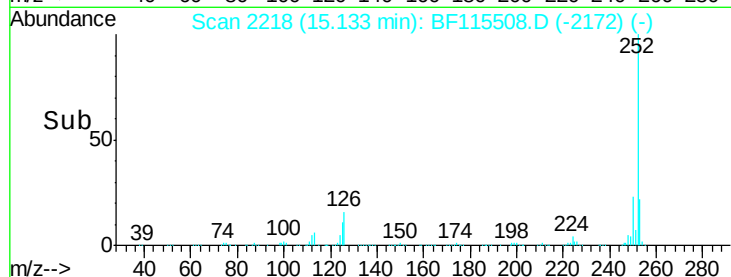
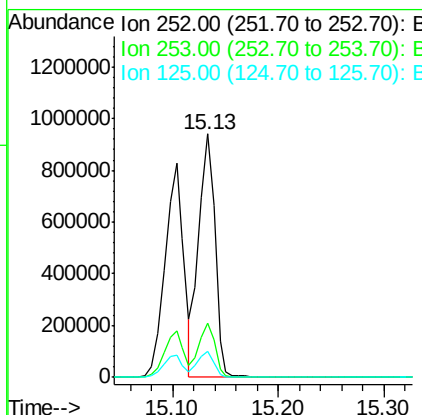
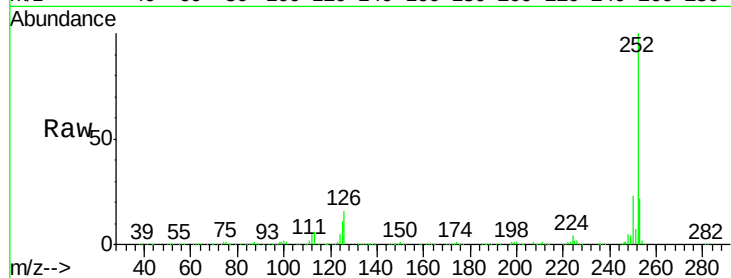




#89
Benzo(k)fluoranthene
Concen: 40.111 ng
RT: 15.13 min Scan# 2218
Delta R.T. -0.03 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

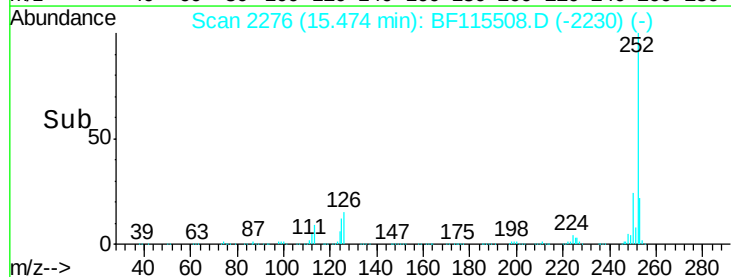
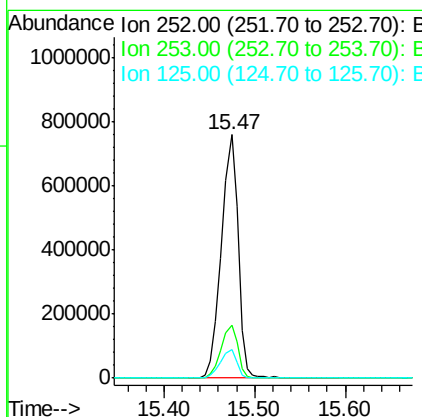
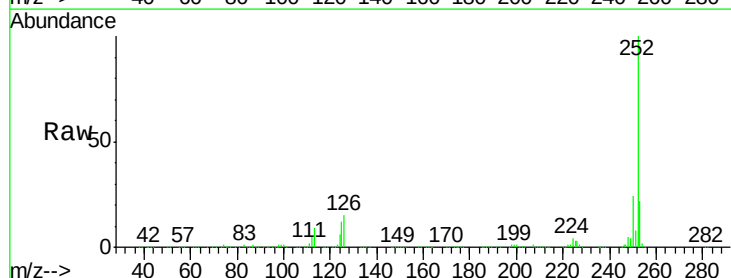
Instrument :
BNA_F
ClientSampleId :

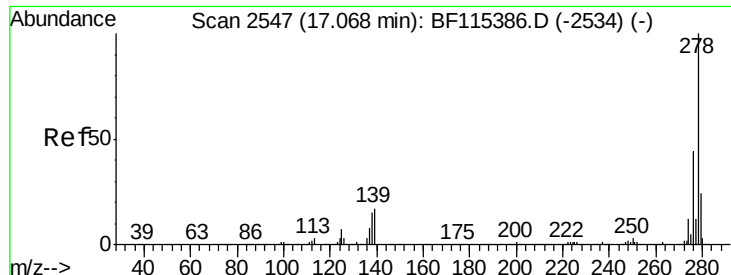
Tot Ion:252 Resp: 1002589
Ion Ratio Lower Upper
252 100
253 22.0 18.0 27.0
125 10.6 8.6 13.0



#90
Benzo(a)pyrene
Concen: 39.963 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.03 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:252 Resp: 968748
Ion Ratio Lower Upper
252 100
253 21.8 17.7 26.5
125 11.6 9.7 14.5

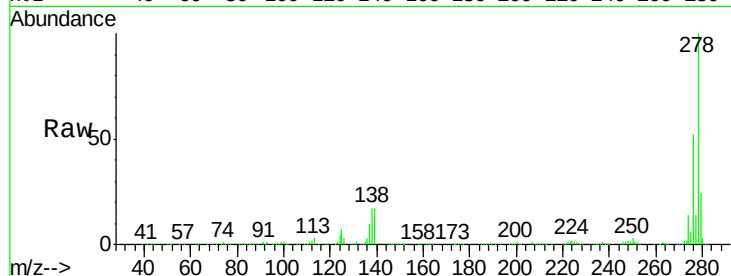




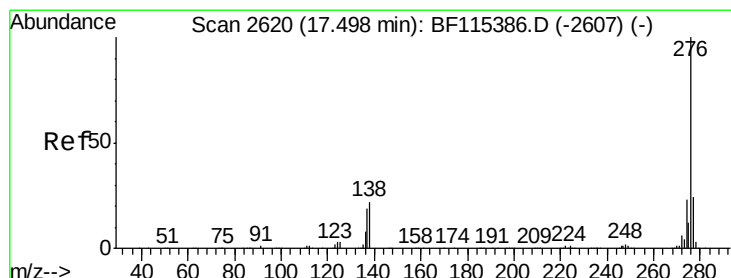
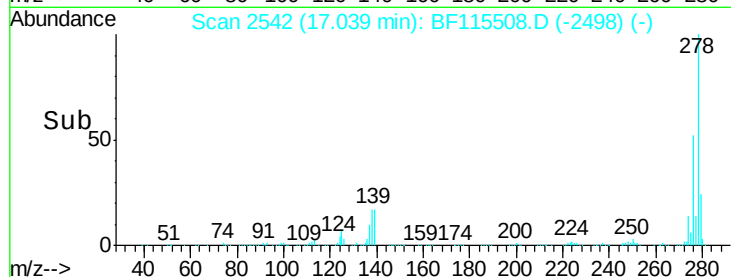
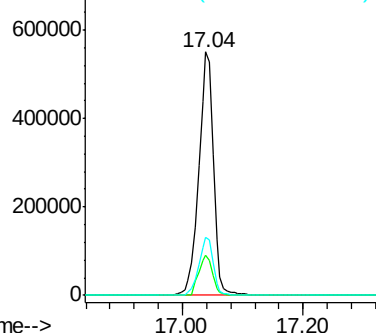
#91
Dibenzo(a,h)anthracene
Concen: 45.189 ng
RT: 17.04 min Scan# 2542
Delta R.T. -0.04 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 936084
Ion Ratio Lower Upper
278 100
139 16.7 13.0 19.6
279 24.1 19.4 29.2

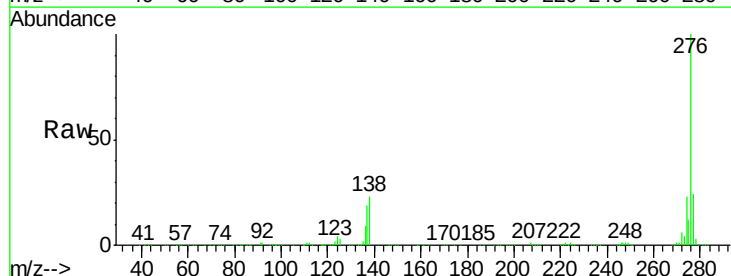


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.889 ng
RT: 17.47 min Scan# 2616
Delta R.T. -0.04 min
Lab File: BF115508.D
Acq: 11 Jul 2019 21:35

Tgt Ion:276 Resp: 958561
Ion Ratio Lower Upper
276 100
277 23.9 18.8 28.2
138 22.8 17.8 26.8



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

