

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
 Data File : BF113955.D
 Acq On : 24 Apr 2019 12:31
 Operator : JU/SJ
 Sample : K2515-07MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 25 01:21:32 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139867	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	516917	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	266870	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	516844	20.00	ng	0.00
76) Chrysene-d12	14.06	240	323282	20.00	ng	-0.01
87) Perylene-d12	15.54	264	354927	20.00	ng	-0.03

System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	960654	117.47	ng	0.01
7) Phenol-d6	6.53	99	1252795	122.11	ng	0.01
23) Nitrobenzene-d5	7.46	82	765931	91.49	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	402057	123.67	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1500257	87.92	ng	0.00
79) Terphenyl-d14	13.00	244	1599310	101.42	ng	0.00

Target Compounds					Qvalue	
2) 1,4-Dioxane	2.74	88	136791	35.485	ng	95
3) Pyridine	3.50	79	358249	34.047	ng	98
4) n-Nitrosodimethylamine	3.44	42	139328	38.682	ng	99
6) Aniline	6.56	93	246604	17.504	ng	95
8) 2-Chlorophenol	6.69	128	382324	40.950	ng	97
9) Benzaldehyde	6.44	77	104976	13.558	ng	99
10) Phenol	6.55	94	478255	38.983	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	374328	40.546	ng	95
12) 1,3-Dichlorobenzene	6.84	146	431149	40.774	ng	100
13) 1,4-Dichlorobenzene	6.92	146	439895	41.361	ng	99
14) 1,2-Dichlorobenzene	7.07	146	411369	42.086	ng	100
15) Benzyl Alcohol	7.03	79	289942	41.960	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	429323	39.837	ng	90
17) 2-Methylphenol	7.15	107	355060	43.385	ng	98
18) Hexachloroethane	7.41	117	150909	40.477	ng	95
19) n-Nitroso-di-n-propylamine	7.31	70	268241	40.372	ng	99
20) 3+4-Methylphenols	7.30	107	404776	43.777	ng	# 80
22) Acetophenone	7.30	105	530128	46.086	ng	# 95
24) Nitrobenzene	7.47	77	418337	45.222	ng	99
25) Isophorone	7.72	82	741403	43.280	ng	100
26) 2-Nitrophenol	7.79	139	208592	49.427	ng	97
27) 2,4-Dimethylphenol	7.83	122	312004	45.377	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	470727	43.123	ng	99
29) 2,4-Dichlorophenol	8.03	162	354175	45.045	ng	99
30) 1,2,4-Trichlorobenzene	8.12	180	392309	44.748	ng	98
31) Naphthalene	8.20	128	1113101	45.328	ng	99
32) Benzoic acid	7.92	122	48722	10.493	ng	95
33) 4-Chloroaniline	8.24	127	98626	9.492	ng	96
34) Hexachlorobutadiene	8.32	225	235907	43.165	ng	99
35) Caprolactam	8.61	113	71346	28.525	ng	89
36) 4-Chloro-3-methylphenol	8.73	107	349484	44.864	ng	99
37) 2-Methylnaphthalene	8.89	142	755769	45.640	ng	99
38) 1-Methylnaphthalene	8.99	142	714689	44.717	ng	98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	382170	44.086	ng	99

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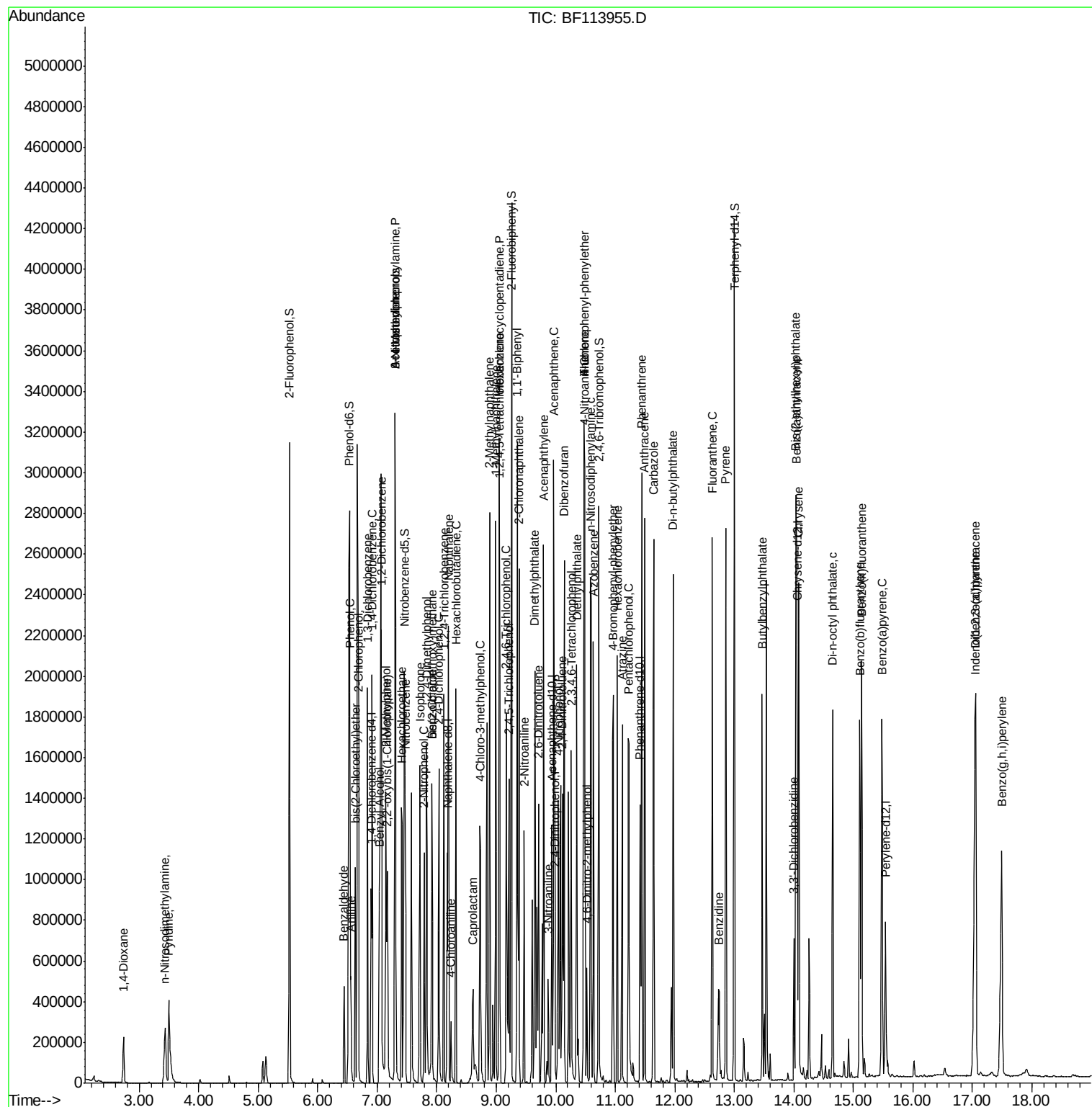
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	421328	87.158	ng	98
43) 2,4,6-Trichlorophenol	9.17	196	255495	46.414	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	287904	46.630	ng	99
46) 1,1'-Biphenyl	9.36	154	934432	45.835	ng	98
47) 2-Chloronaphthalene	9.38	162	758404	45.745	ng	98
48) 2-Nitroaniline	9.47	65	209449	48.192	ng	93
49) Acenaphthylene	9.80	152	1157875	44.611	ng	99
50) Dimethylphthalate	9.66	163	985937	51.083	ng	98
51) 2,6-Dinitrotoluene	9.71	165	203046	49.037	ng	93
52) Acenaphthene	9.97	154	724171	47.212	ng	99
53) 3-Nitroaniline	9.87	138	79156	18.192	ng	96
54) 2,4-Dinitrophenol	9.99	184	111976	64.324	ng	# 2
55) Dibenzofuran	10.14	168	1050863	45.737	ng	98
56) 4-Nitrophenol	10.05	139	304848	88.487	ng	99
57) 2,4-Dinitrotoluene	10.12	165	267729	51.226	ng	97
58) Fluorene	10.48	166	784333	45.341	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	237432	43.759	ng	98
60) Diethylphthalate	10.35	149	833514	45.477	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	414847	45.283	ng	98
62) 4-Nitroaniline	10.49	138	186281	43.871	ng	96
63) Azobenzene	10.63	77	779374	43.875	ng	96
65) 4,6-Dinitro-2-methylphenol	10.53	198	90837	39.815	ng	93
66) n-Nitrosodiphenylamine	10.59	169	713497	46.008	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	271249	43.444	ng	95
68) Hexachlorobenzene	11.03	284	302112	44.032	ng	99
69) Atrazine	11.12	200	237078	46.994	ng	99
70) Pentachlorophenol	11.23	266	284135	73.142	ng	97
71) Phenanthrene	11.44	178	1184908	45.618	ng	100
72) Anthracene	11.50	178	1207043	46.018	ng	99
73) Carbazole	11.64	167	1053003	44.998	ng	100
74) Di-n-butylphthalate	11.97	149	1248753	45.365	ng	99
75) Fluoranthene	12.63	202	1180479	41.656	ng	97
77) Benzidine	12.74	184	174146	18.079	ng	98
78) Pyrene	12.86	202	1155345	51.104	ng	99
80) Butylbenzylphthalate	13.47	149	468410	52.660	ng	94
81) Benzo(a)anthracene	14.04	228	894766	46.976	ng	100
82) 3,3'-Dichlorobenzidine	14.00	252	169355	24.258	ng	# 97
83) Chrysene	14.09	228	906700	48.878	ng	98
84) Bis(2-ethylhexyl)phthalate	14.03	149	605096	53.467	ng	100
85) Di-n-octyl phthalate	14.65	149	920147	51.945	ng	98
86) Indeno(1,2,3-cd)pyrene	17.04	276	1200629	68.329	ng	98
88) Benzo(b)fluoranthene	15.11	252	924949	41.189	ng	100
89) Benzo(k)fluoranthene	15.14	252	896572	46.416	ng	99
90) Benzo(a)pyrene	15.48	252	908752	46.787	ng	99
91) Dibenzo(a,h)anthracene	17.06	278	984076	53.972	ng	99
92) Benzo(g,h,i)perylene	17.49	276	1035316	56.267	ng	98

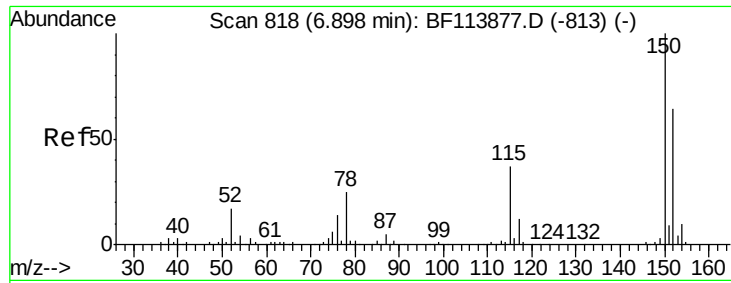
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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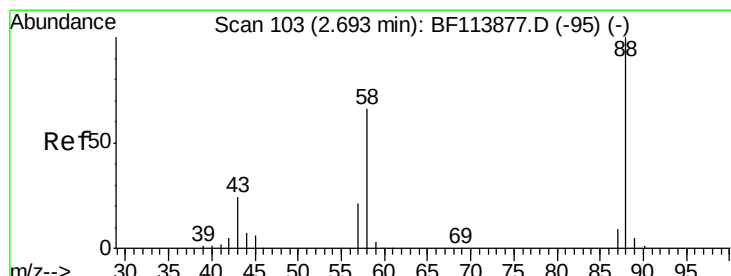
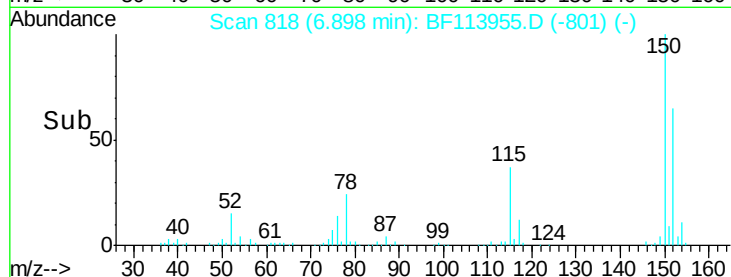
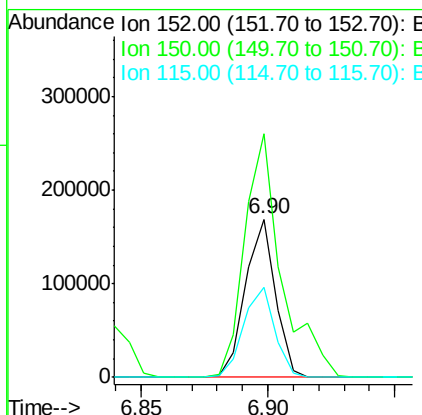
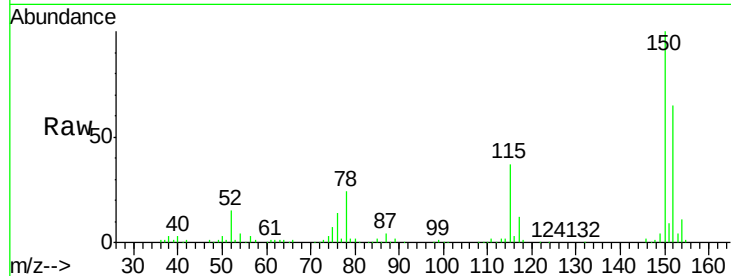




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

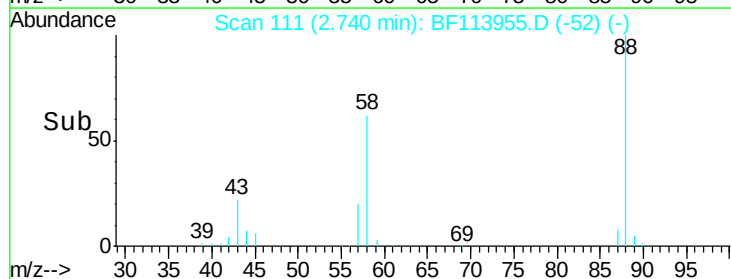
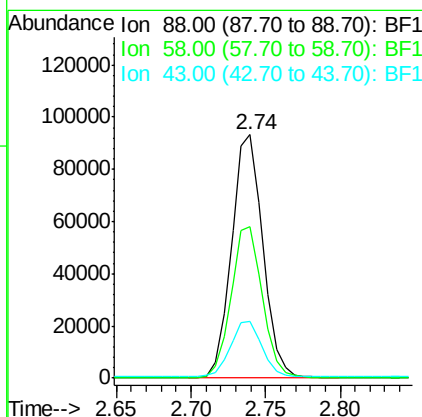
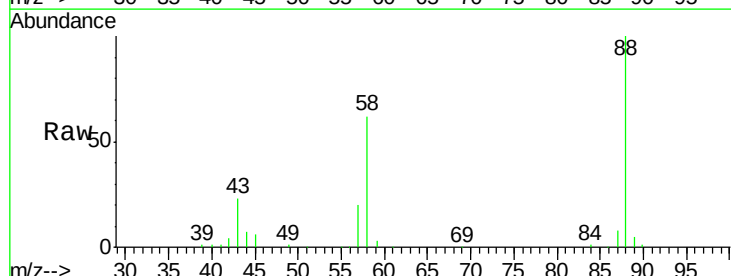
Instrument :
 BNA_F
 ClientSampleId :

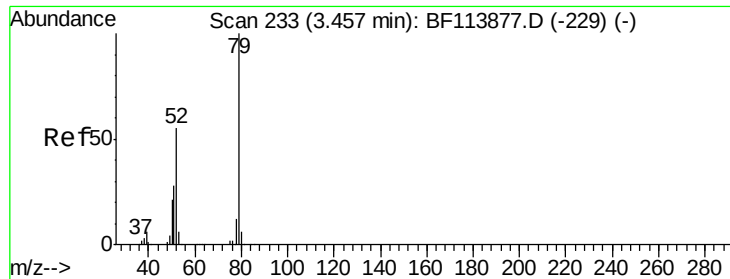
Tot Ion:152 Resp: 139867
 Ion Ratio Lower Upper
 152 100
 150 153.8 125.9 188.9
 115 56.7 45.9 68.9



#2
 1,4-Dioxane
 Concen: 35.485 ng
 RT: 2.74 min Scan# 111
 Delta R.T. 0.05 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion: 88 Resp: 136791
 Ion Ratio Lower Upper
 88 100
 58 62.1 53.3 79.9
 43 23.0 19.0 28.4





#3

Pvridine

Concen: 34.047 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.04 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

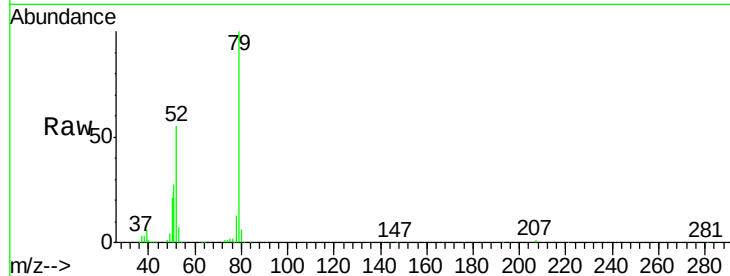
Tot Ion: 79 Resp: 358249

Ion Ratio Lower Upper

79 100

52 54.9 45.3 67.9

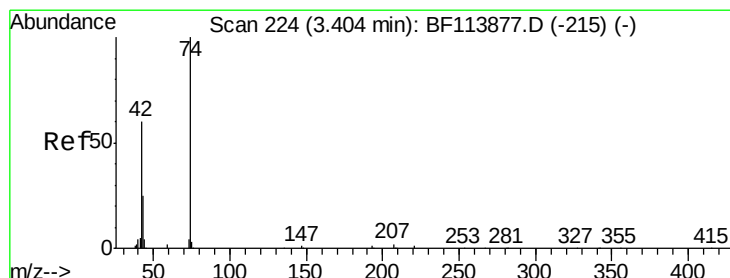
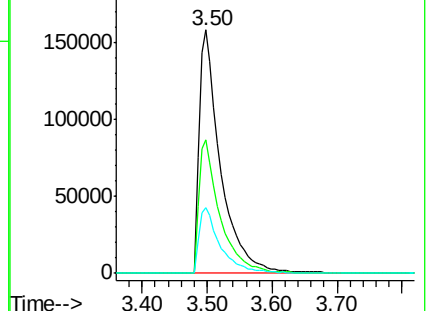
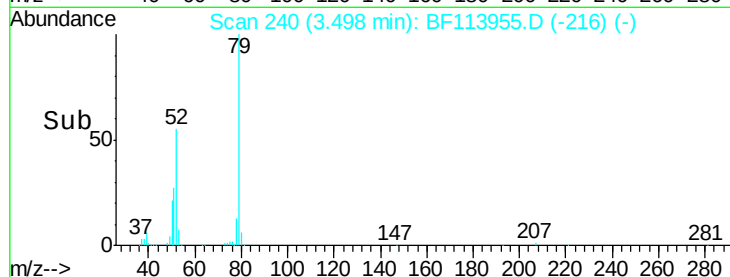
51 26.9 22.1 33.1



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: 38.682 ng

RT: 3.44 min Scan# 230

Delta R.T. 0.04 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

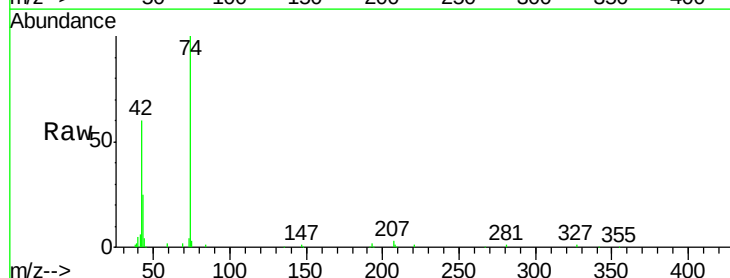
Tgt Ion: 42 Resp: 139328

Ion Ratio Lower Upper

42 100

74 167.2 132.6 198.8

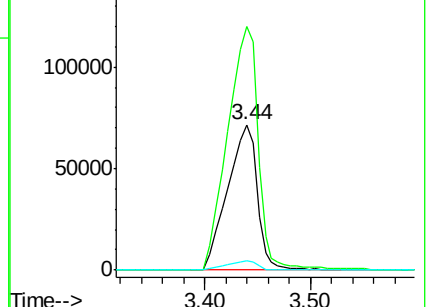
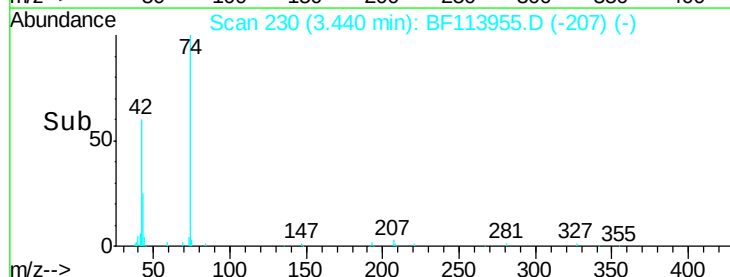
44 6.2 5.8 8.8

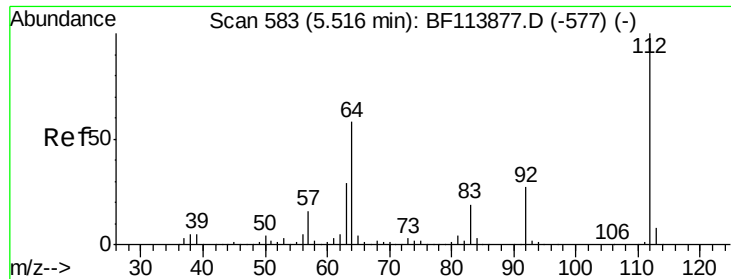


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 117.473 ng

RT: 5.53 min Scan# 585

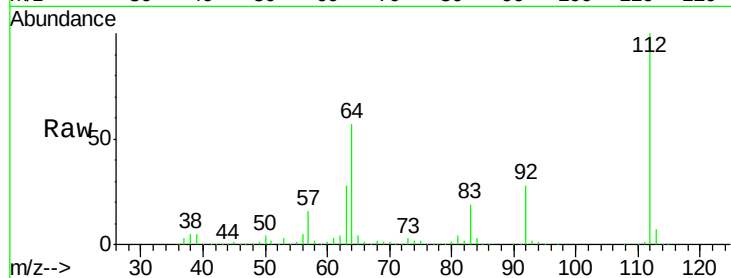
Delta R.T. 0.01 min

Lab File: BF113955.D

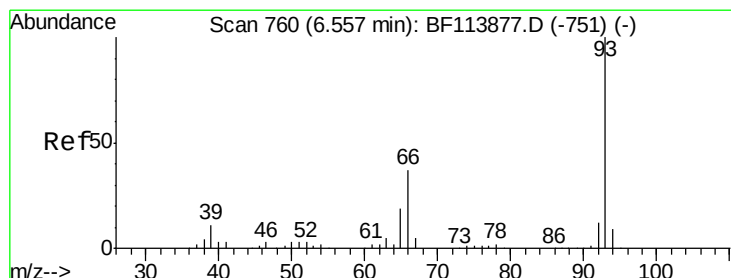
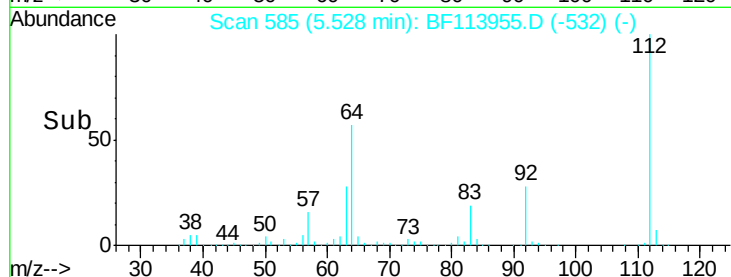
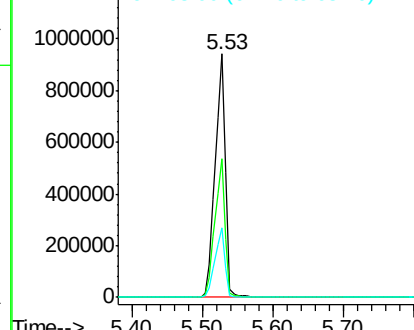
Acq: 24 Apr 2019 12:31

Instrument :
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Tot Ion:	112	Resp:	960654
Ion	Ratio	Lower	Upper
112	100		
64	57.0	46.6	69.8
63	28.3	23.1	34.7



Abundance Ion 112.00 (111.70 to 112.70): BF1
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 17.504 ng

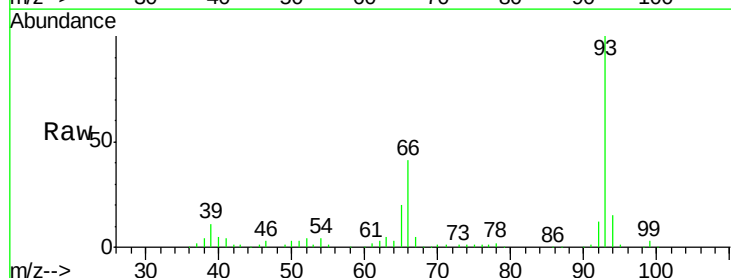
RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

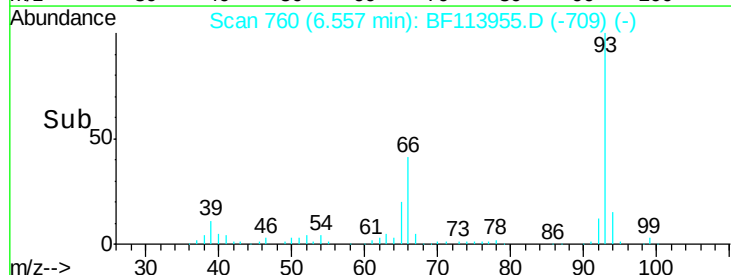
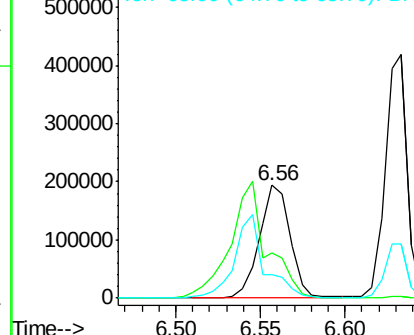
Lab File: BF113955.D

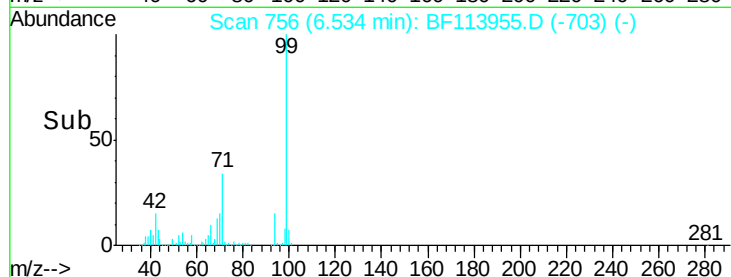
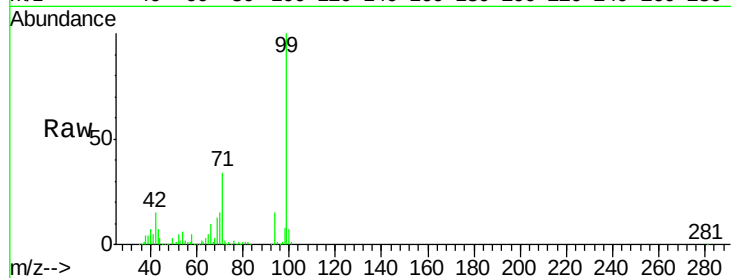
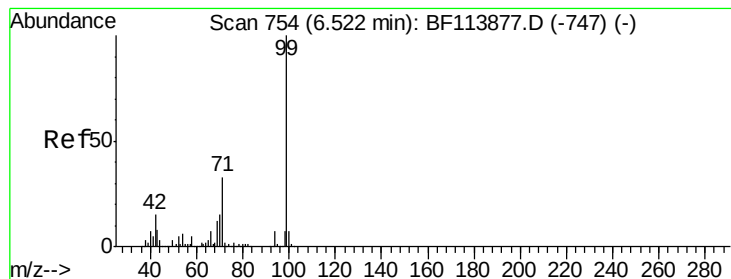
Acq: 24 Apr 2019 12:31

Tgt Ion:	93	Resp:	246604
Ion	Ratio	Lower	Upper
93	100		
66	40.5	29.8	44.6
65	20.3	14.9	22.3



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 66.00 (65.70 to 66.70): BF1
Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 122.107 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

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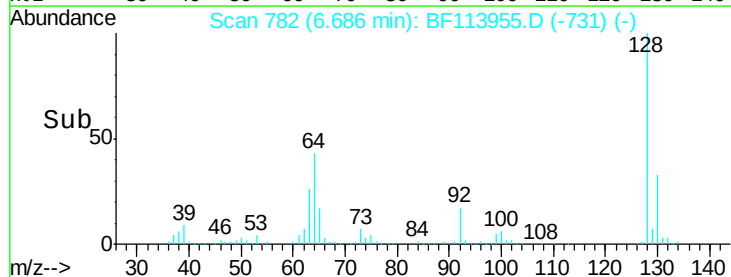
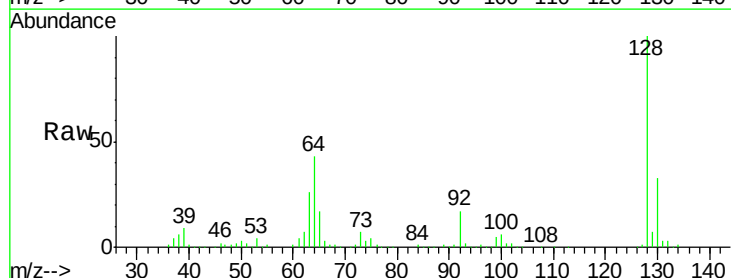
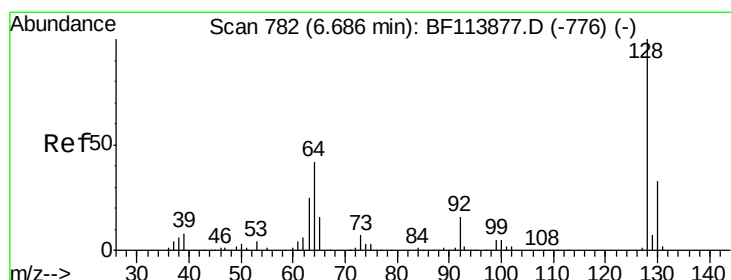
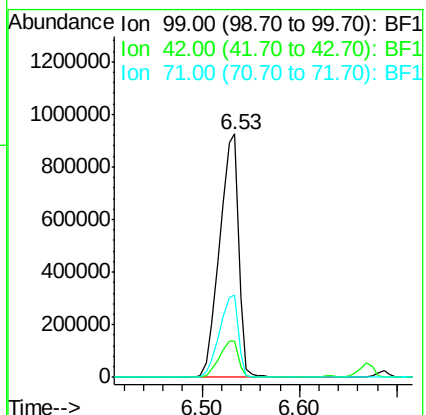
Tot Ion: 99 Resp: 1252795

Ion Ratio Lower Upper

99 100

42 14.7 12.5 18.7

71 33.8 26.9 40.3



#8

2-Chlorophenol

Concen: 40.950 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

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Acq: 24 Apr 2019 12:31

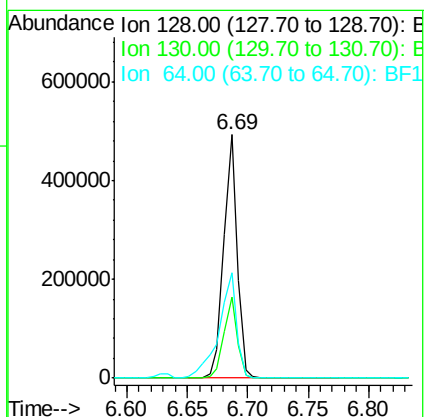
Tgt Ion: 128 Resp: 382324

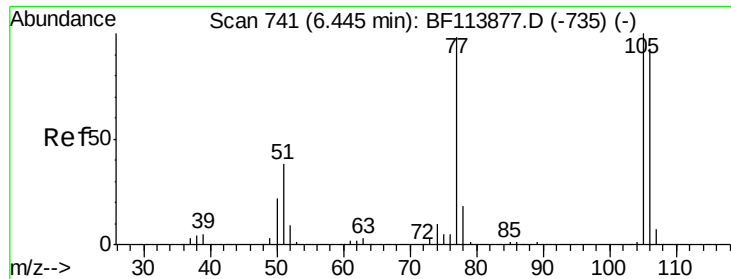
Ion Ratio Lower Upper

128 100

130 33.4 12.3 52.3

64 43.4 26.1 66.1

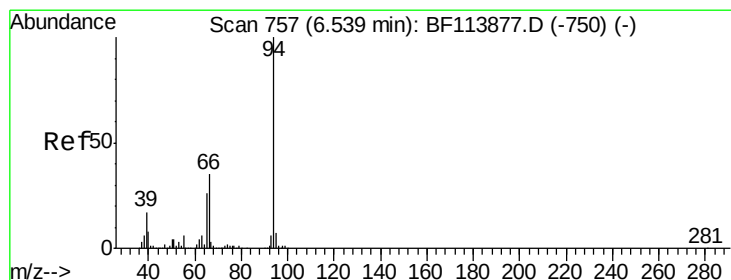
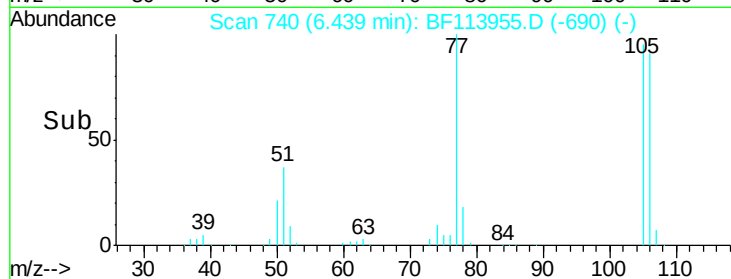
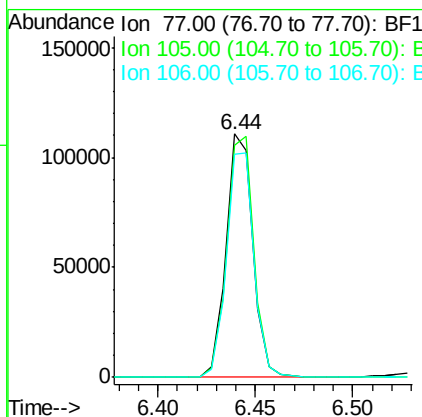
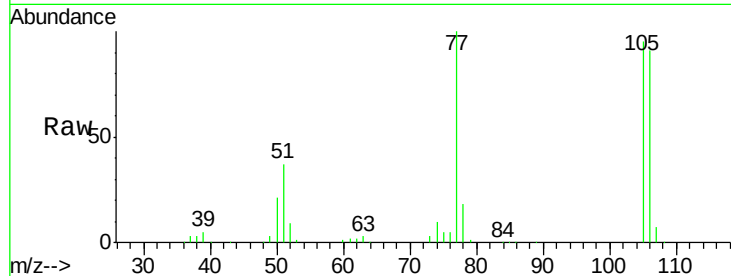




#9
Benzaldehyde
Concen: 13.558 ng
RT: 6.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BF113955.D
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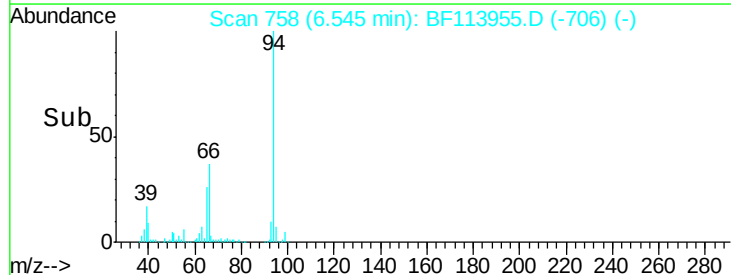
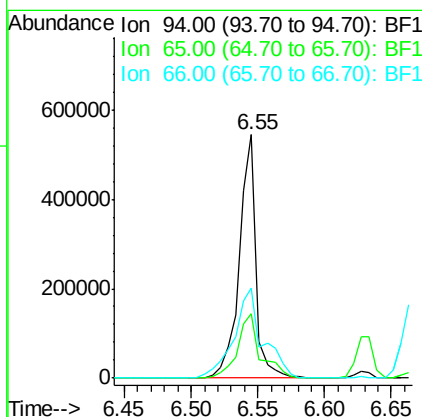
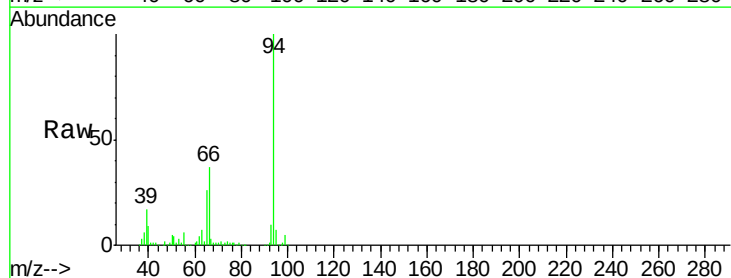
Instrument :
BNA_F
ClientSampled :

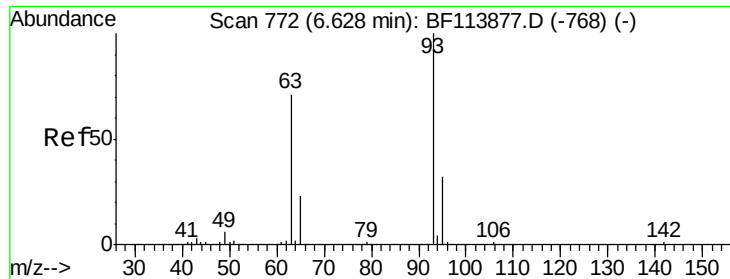
Tot Ion: 77 Resp: 104976
Ion Ratio Lower Upper
77 100
105 95.4 74.1 114.1
106 91.4 70.3 110.3



#10
Phenol
Concen: 38.983 ng
RT: 6.55 min Scan# 758
Delta R.T. 0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion: 94 Resp: 478255
Ion Ratio Lower Upper
94 100
65 26.5 8.1 48.1
66 36.9 16.6 56.6

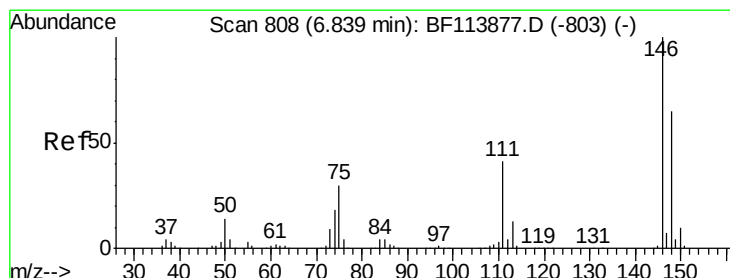
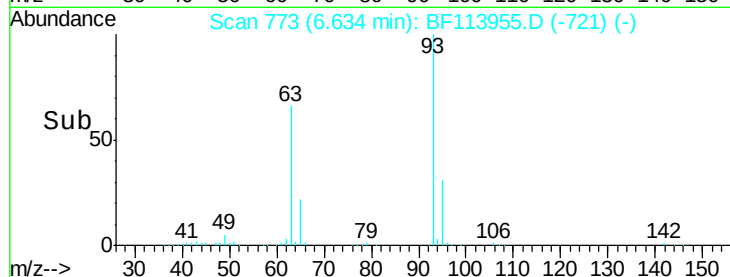
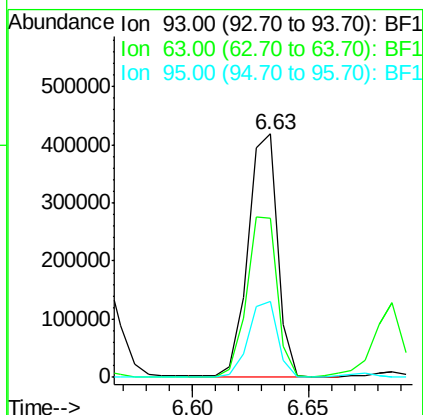
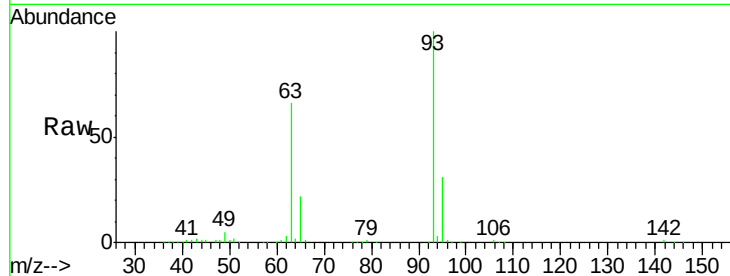




#11
 bis(2-Chloroethyl)ether
 Concen: 40.546 ng
 RT: 6.63 min Scan# 773
 Delta R.T. 0.01 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

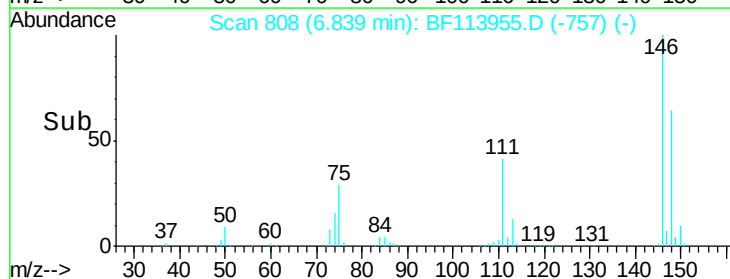
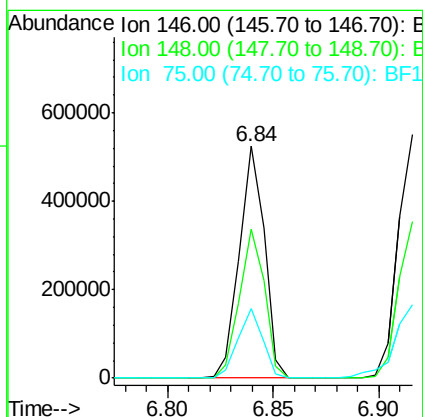
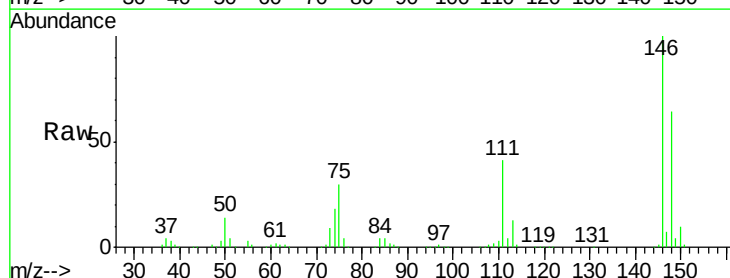
Instrument :
 BNA_F
 ClientSampleId :

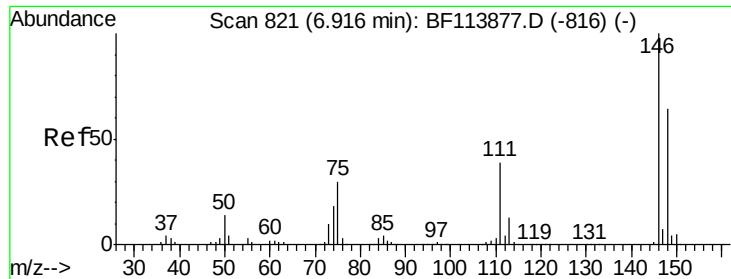
Tot Ion: 93 Resp: 374328
 Ion Ratio Lower Upper
 93 100
 63 65.6 50.7 90.7
 95 31.2 12.3 52.3



#12
 1,3-Dichlorobenzene
 Concen: 40.774 ng
 RT: 6.84 min Scan# 808
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion: 146 Resp: 431149
 Ion Ratio Lower Upper
 146 100
 148 64.0 51.0 76.6
 75 30.2 23.8 35.8

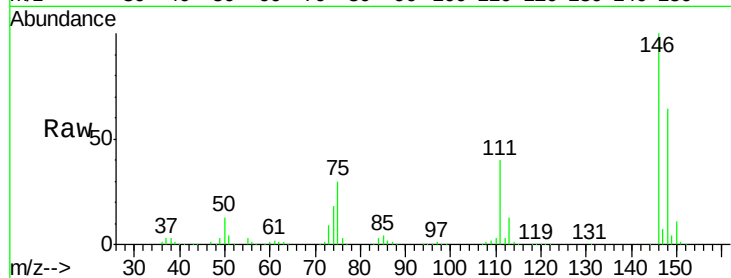




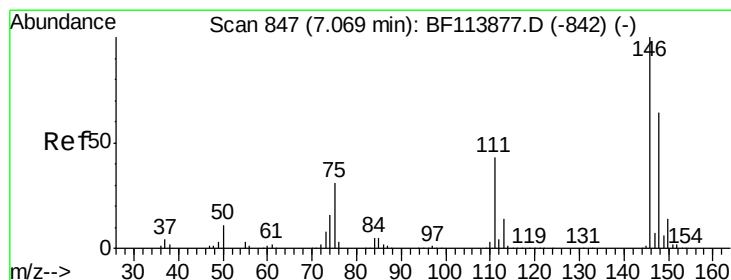
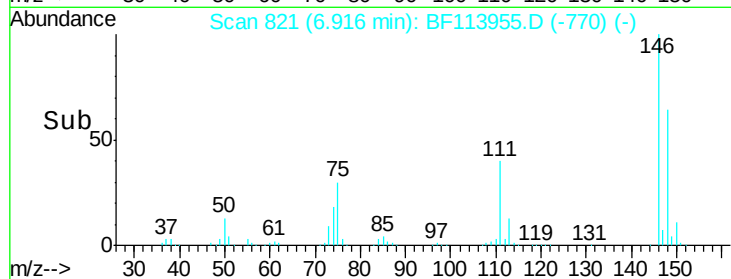
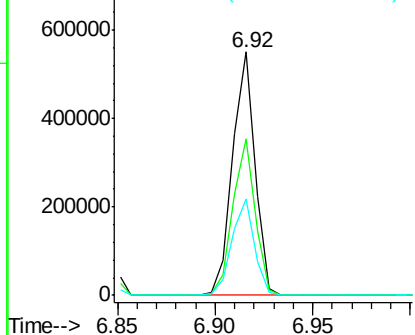
#13
 1,4-Dichlorobenzene
 Concen: 41.361 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.8	77.8
111	39.5	30.9	46.3

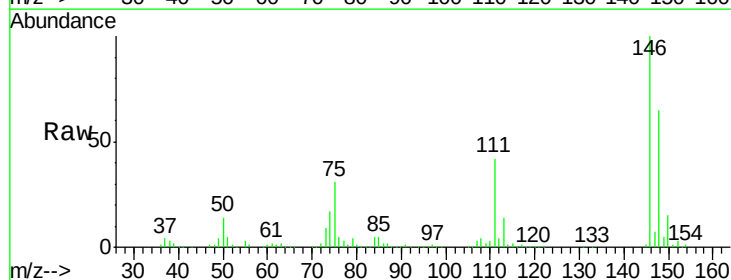


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

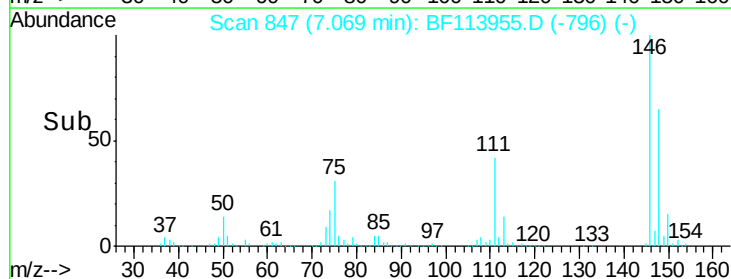
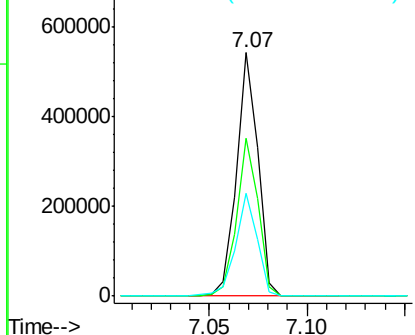


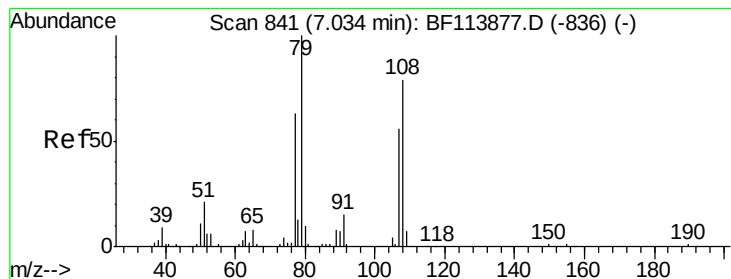
#14
 1,2-Dichlorobenzene
 Concen: 42.086 ng
 RT: 7.07 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	52.1	78.1
111	42.3	34.2	51.4



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





#15

Benzyl Alcohol

Concen: 41.960 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampled :

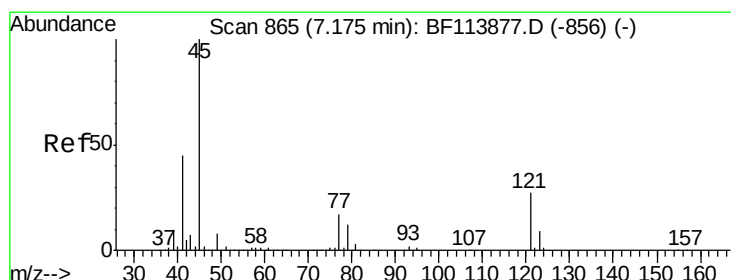
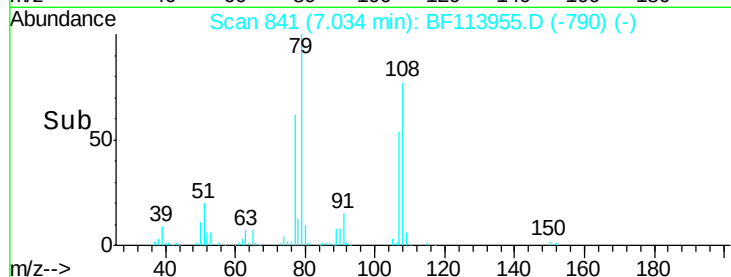
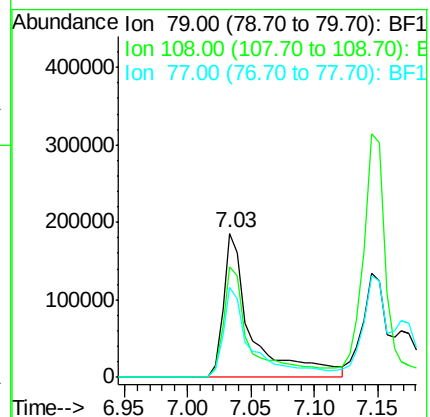
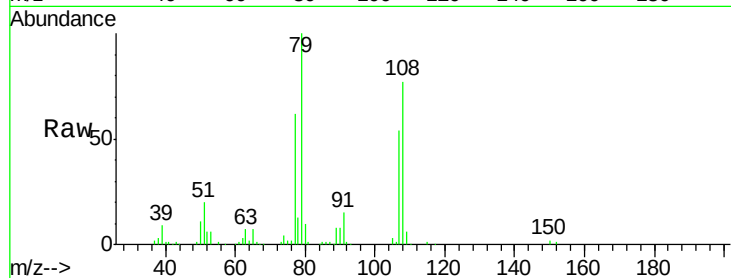
Tot Ion: 79 Resp: 289942

Ion Ratio Lower Upper

79 100

108 77.2 61.4 92.0

77 62.1 51.6 77.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.837 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

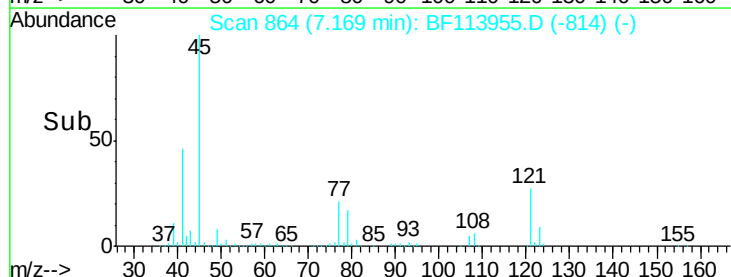
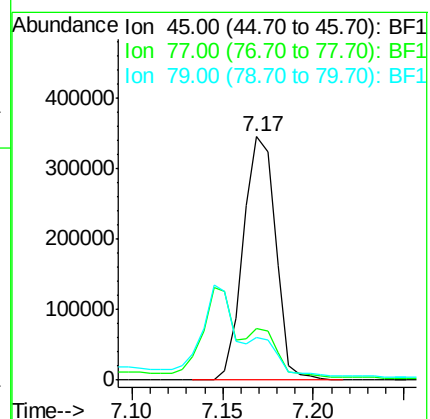
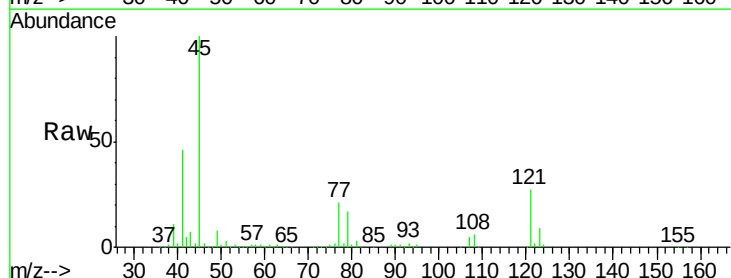
Tgt Ion: 45 Resp: 429323

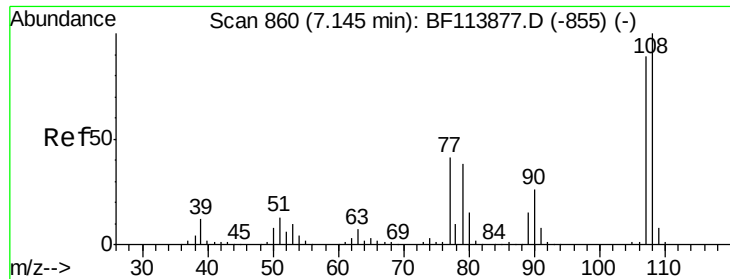
Ion Ratio Lower Upper

45 100

77 21.2 0.0 37.0

79 17.3 0.0 32.7

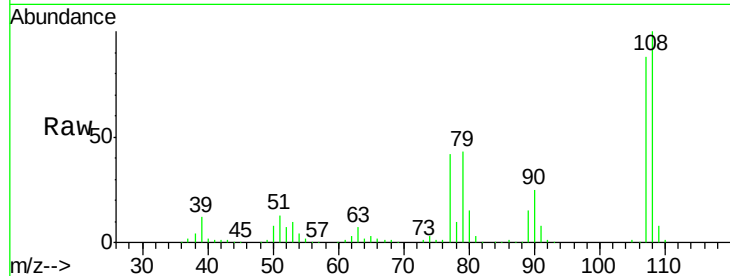




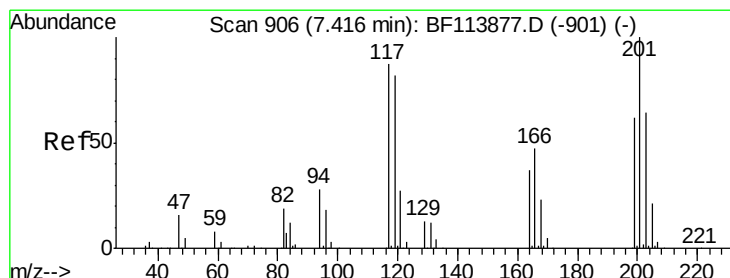
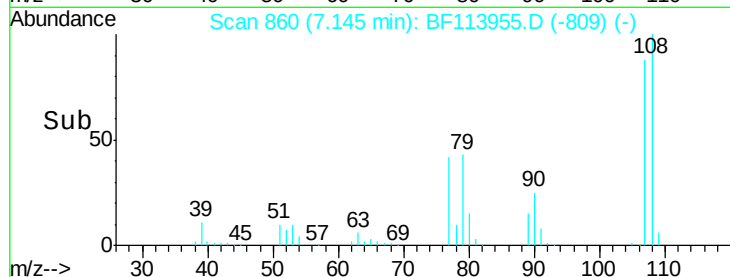
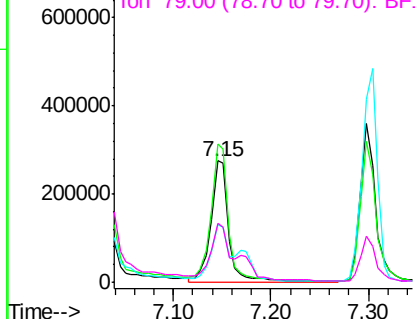
#17
2-Methylphenol
Concen: 43.385 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	355060
Ion	Ratio	Lower	Upper
107	100		
108	114.3	91.5	137.3
77	47.5	36.2	54.4
79	48.8	35.4	53.0

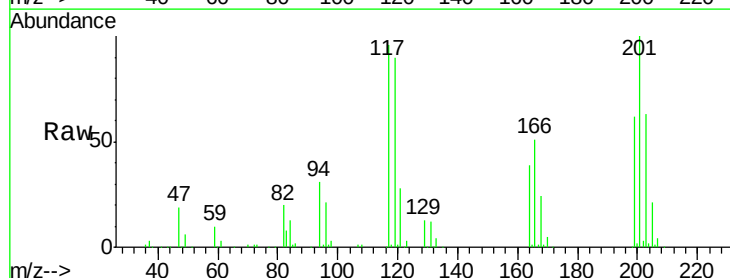


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

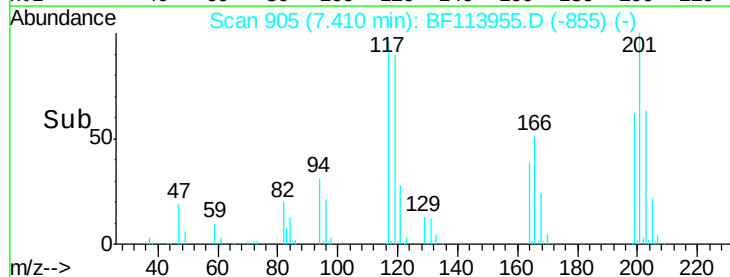
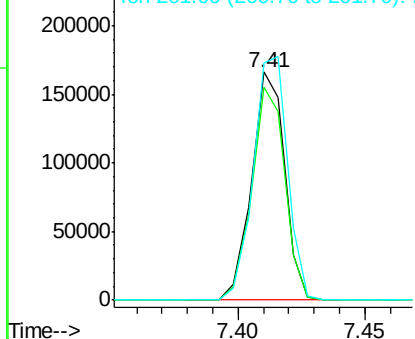


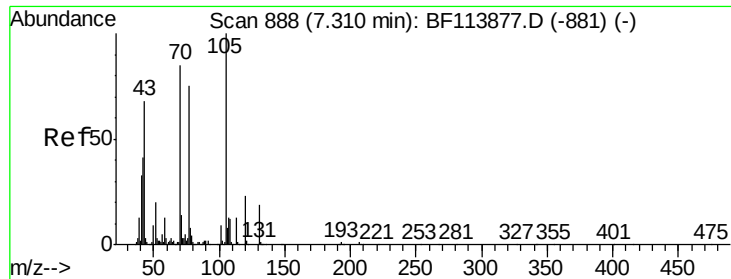
#18
Hexachloroethane
Concen: 40.477 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion:	117	Resp:	150909
Ion	Ratio	Lower	Upper
117	100		
119	93.6	74.4	111.6
201	103.8	90.2	135.2



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

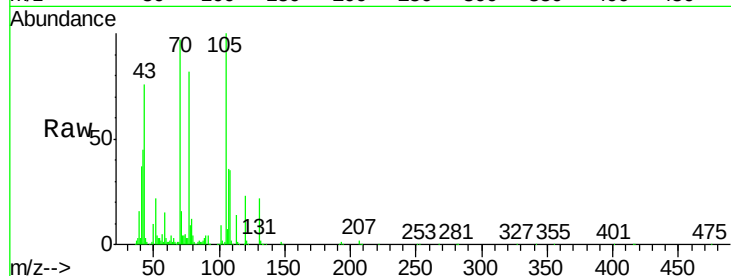




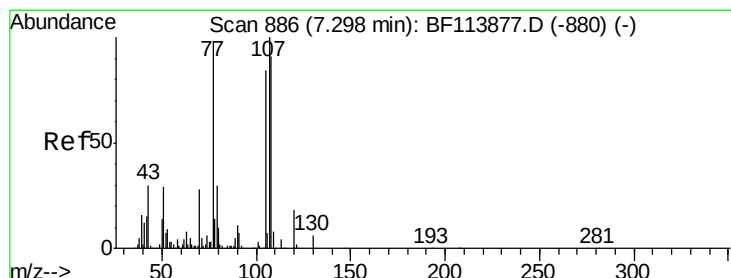
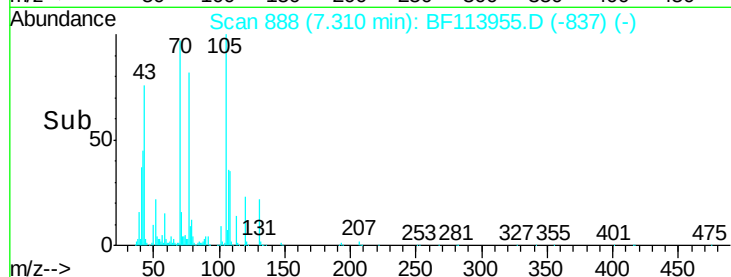
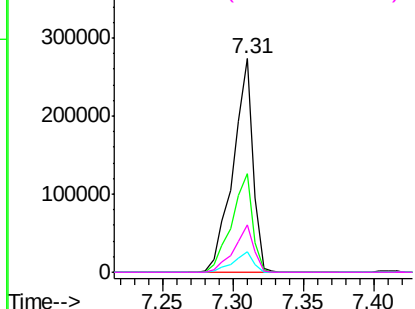
#19
n-Nitroso-di-n-propylamine
Concen: 40.372 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	268241
Ion	Ratio	Lower	Upper
70	100		
42	46.2	37.3	55.9
101	9.7	7.8	11.8
130	22.4	18.2	27.2

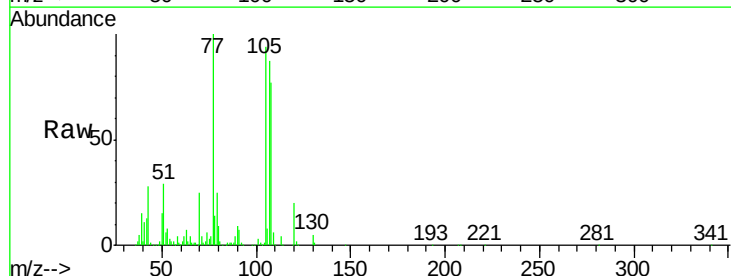


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

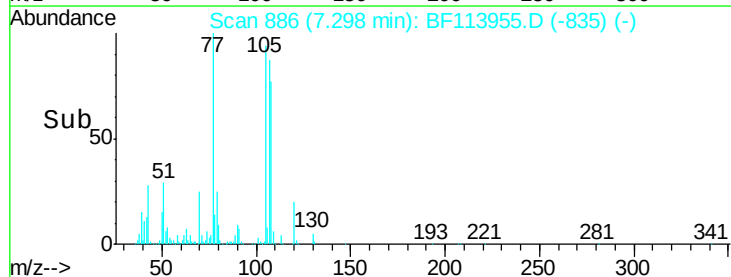
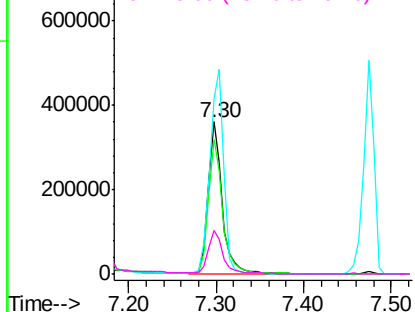


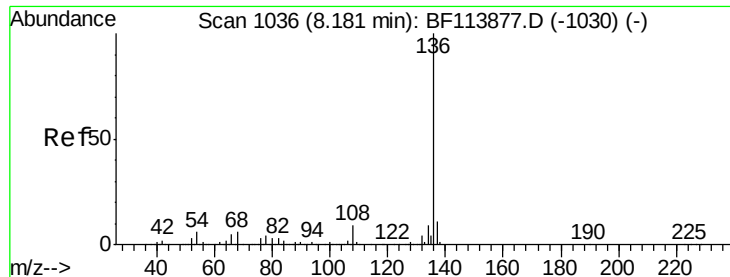
#20
3+4-Methylphenols
Concen: 43.777 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion:	107	Resp:	404776
Ion	Ratio	Lower	Upper
107	100		
108	88.6	70.1	110.1
77	115.3	52.9	92.9#
79	28.9	10.2	50.2



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: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 516917

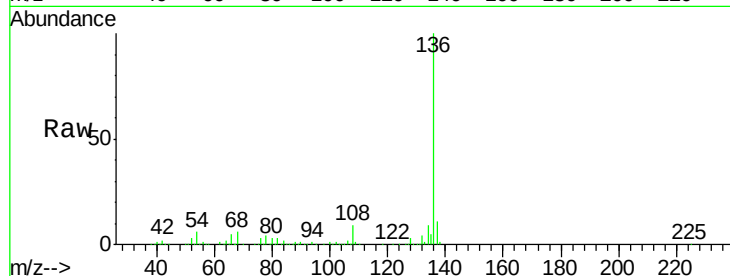
Ion Ratio Lower Upper

136 100

137 11.0 8.6 12.8

54 5.8 5.0 7.6

68 5.6 4.9 7.3

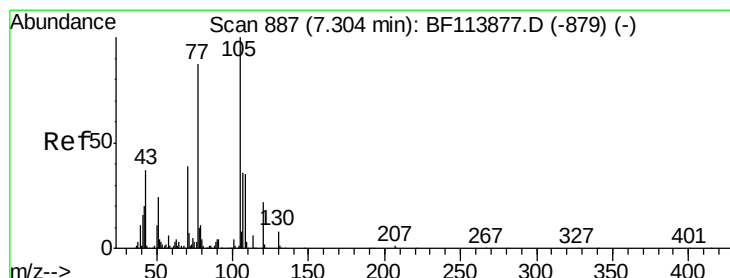
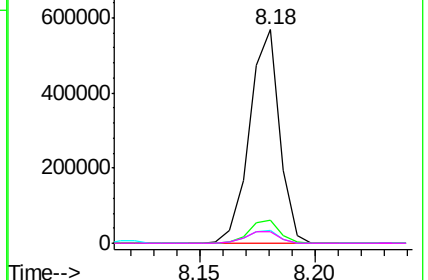
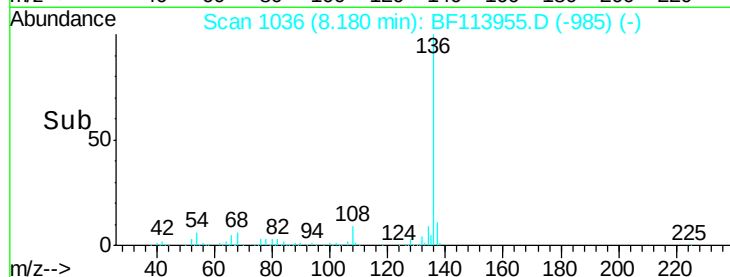


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 46.086 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Tgt Ion:105 Resp: 530128

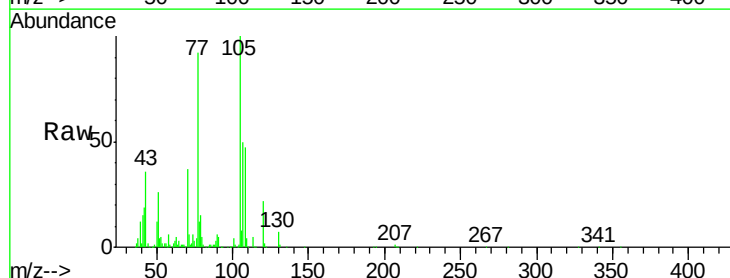
Ion Ratio Lower Upper

105 100

71 6.3 6.1 9.1

51 26.3 16.8 25.2#

120 21.8 17.6 26.4

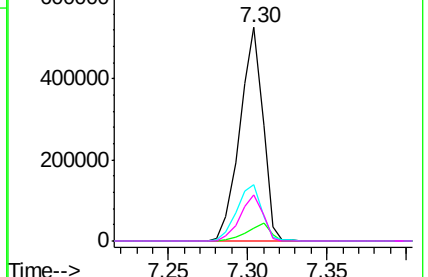
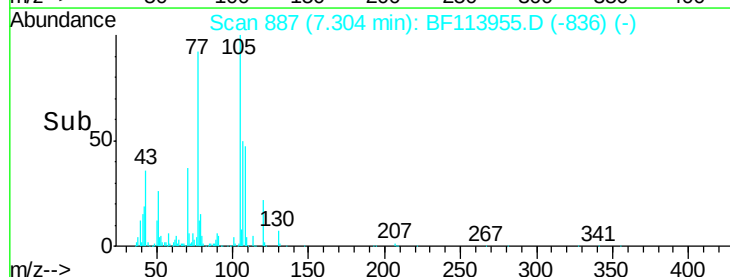


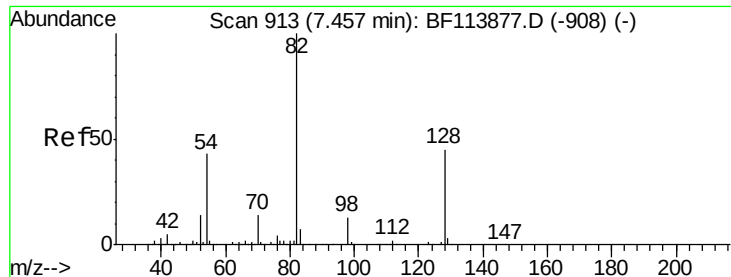
Abundance Ion 105.00 (104.70 to 105.70): E

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: 91.488 ng

RT: 7.46 min Scan# 913

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

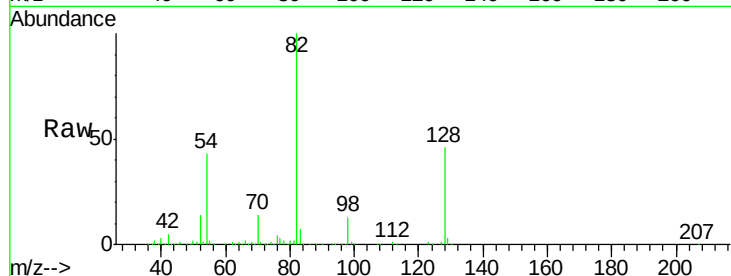
Tot Ion: 82 Resp: 765931

Ion Ratio Lower Upper

82 100

128 46.5 36.8 55.2

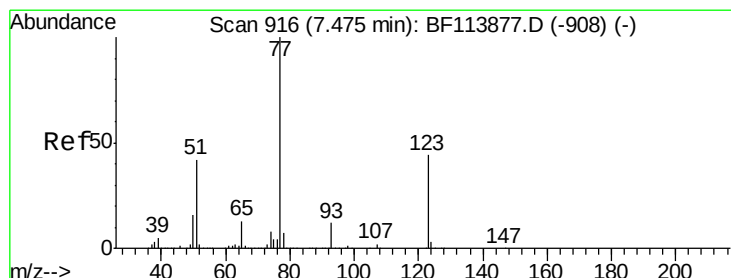
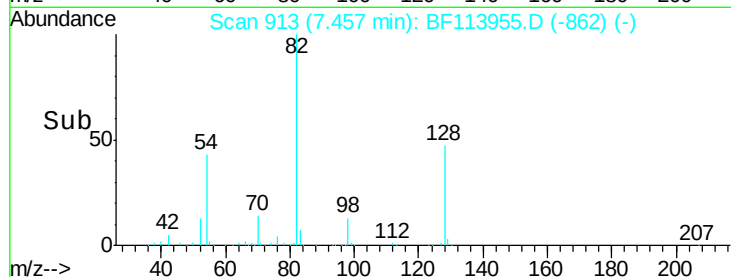
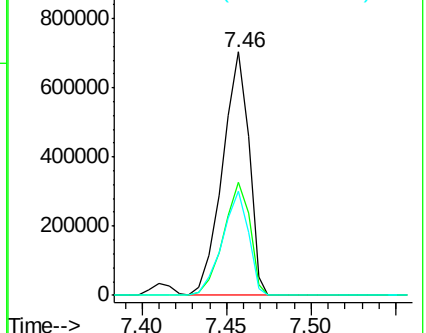
54 43.0 33.8 50.6



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: 45.222 ng

RT: 7.47 min Scan# 916

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

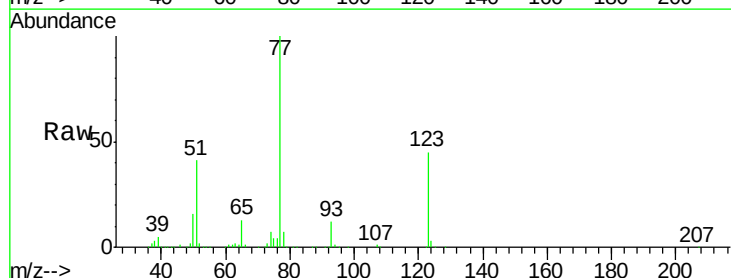
Tgt Ion: 77 Resp: 418337

Ion Ratio Lower Upper

77 100

123 45.0 36.3 54.5

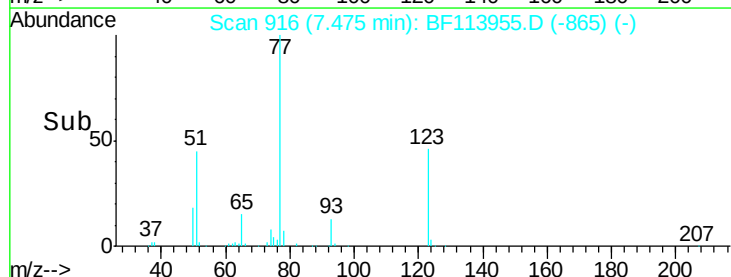
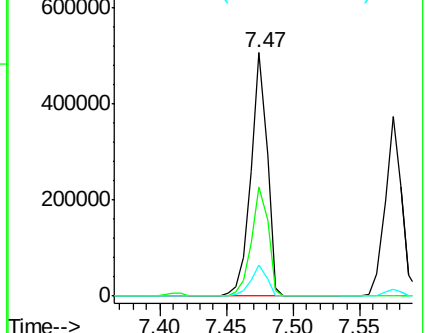
65 12.9 10.3 15.5

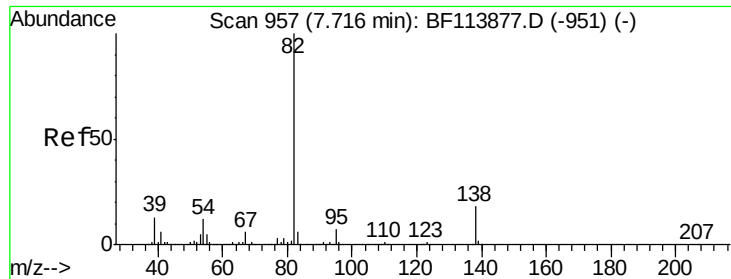


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 43.280 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

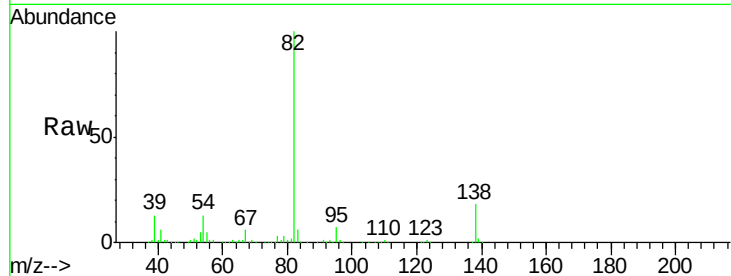
Tot Ion: 82 Resp: 741403

Ion Ratio Lower Upper

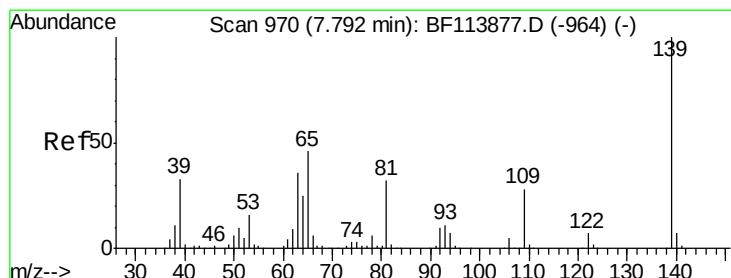
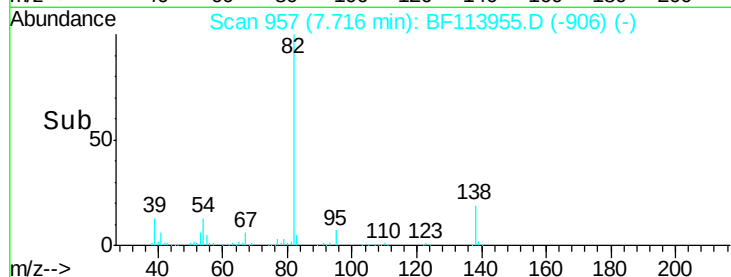
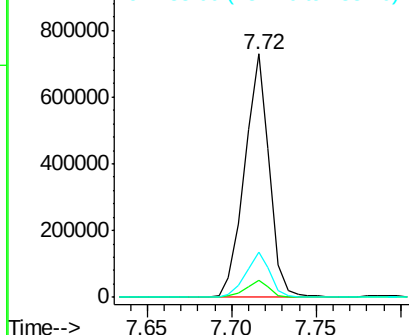
82 100

95 6.8 5.4 8.2

138 18.4 14.6 22.0



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



#26

2-Nitrophenol

Concen: 49.427 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

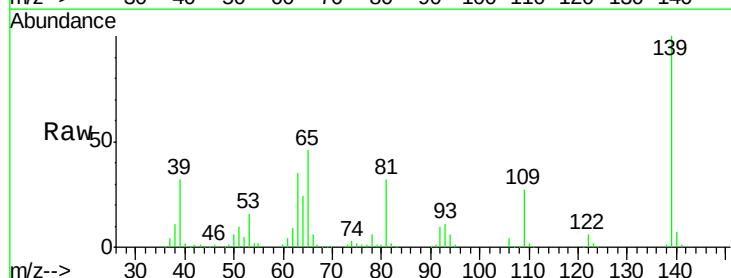
Tgt Ion: 139 Resp: 208592

Ion Ratio Lower Upper

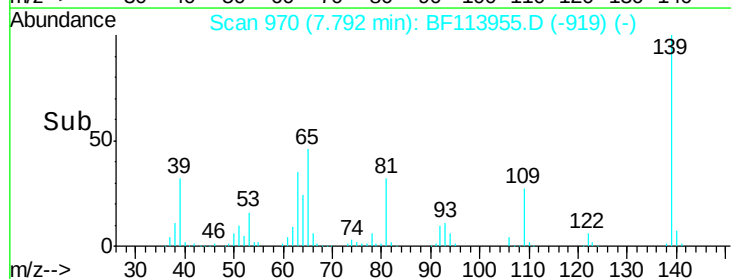
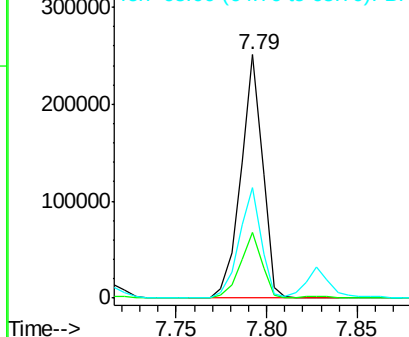
139 100

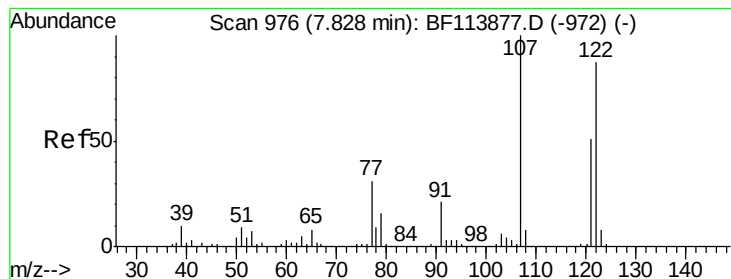
109 27.1 20.6 31.0

65 45.6 34.6 52.0



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





#27

2,4-Dimethylphenol

Concen: 45.377 ng

RT: 7.83 min Scan# 976

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampled :

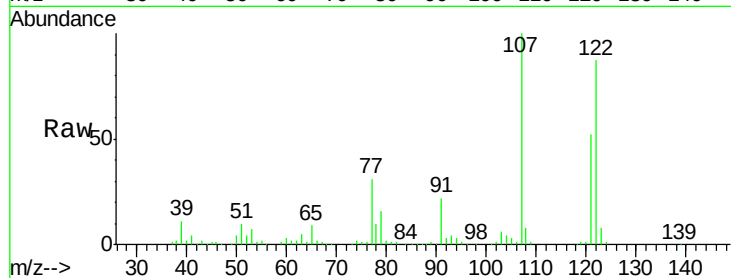
Tot Ion:122 Resp: 312004

Ion Ratio Lower Upper

122 100

107 114.6 91.2 136.8

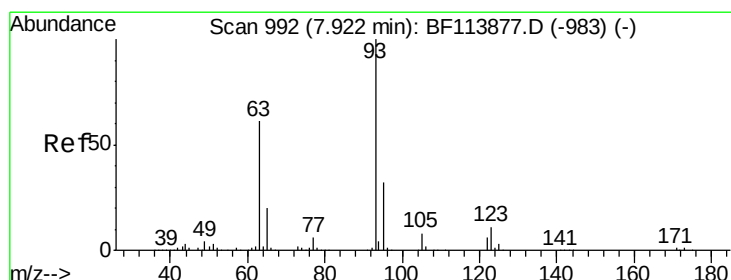
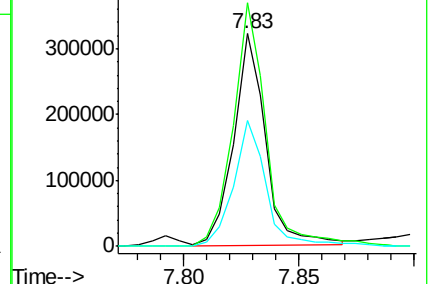
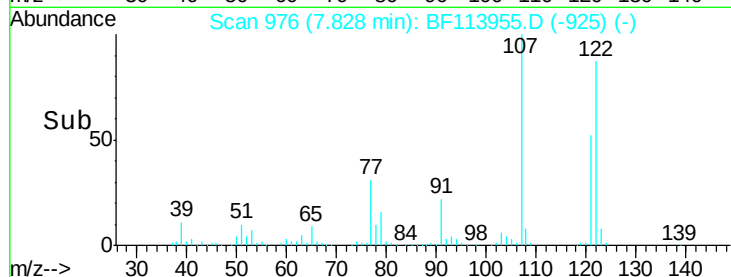
121 59.5 46.4 69.6



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 43.123 ng

RT: 7.92 min Scan# 992

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

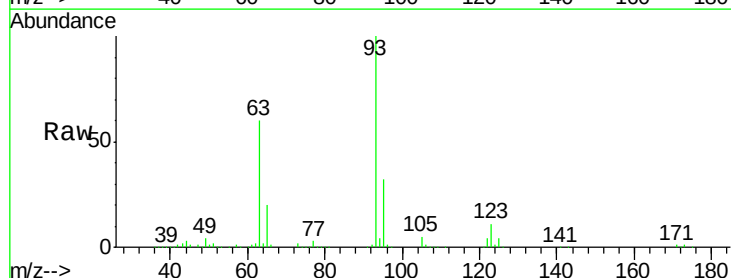
Tgt Ion: 93 Resp: 470727

Ion Ratio Lower Upper

93 100

95 31.8 25.8 38.6

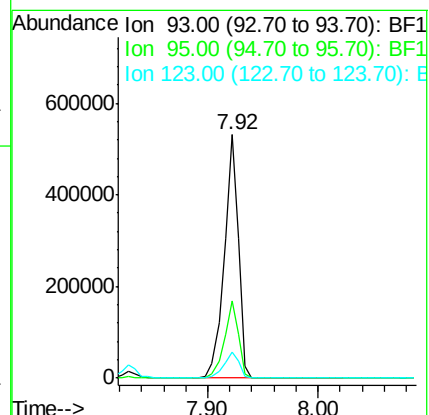
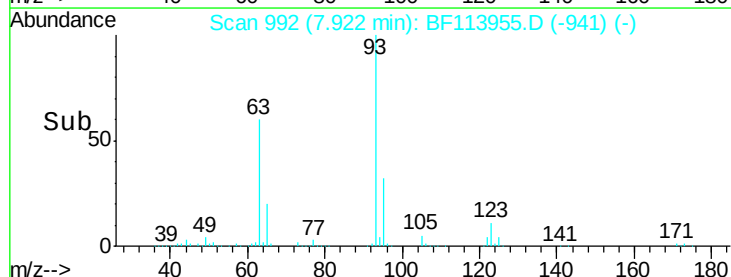
123 10.9 9.0 13.6

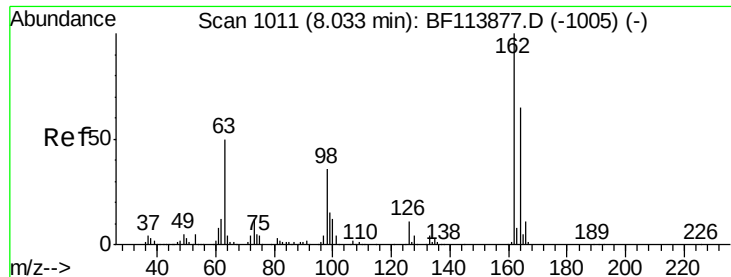


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

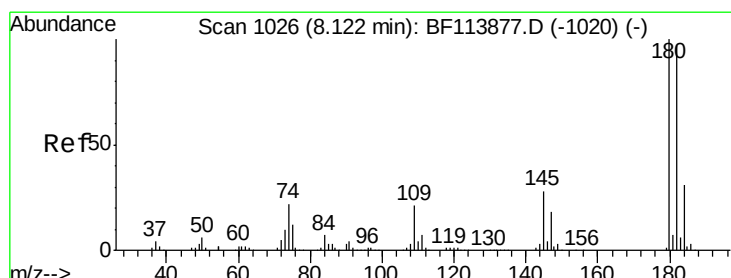
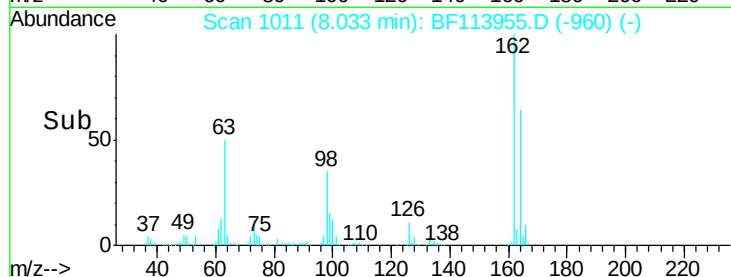
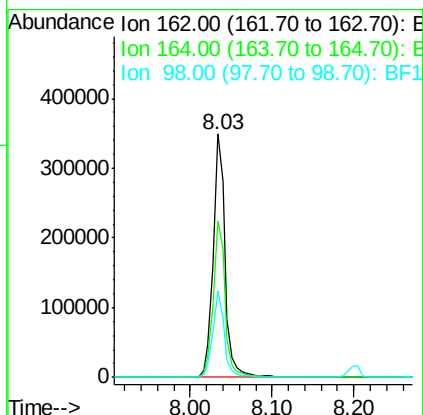
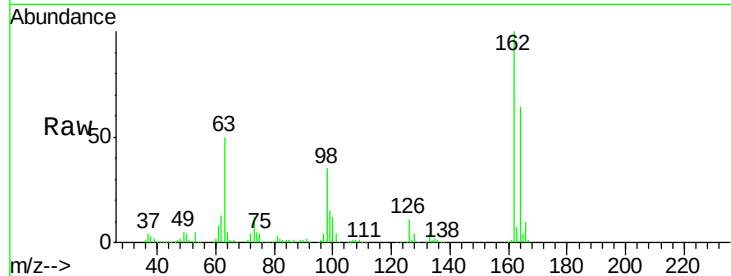




#29
 2,4-Dichlorophenol
 Concen: 45.045 ng
 RT: 8.03 min Scan# 1011
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

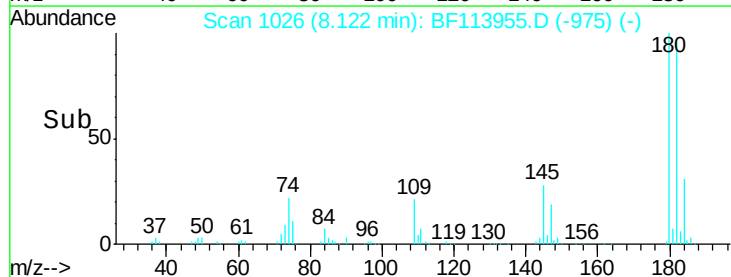
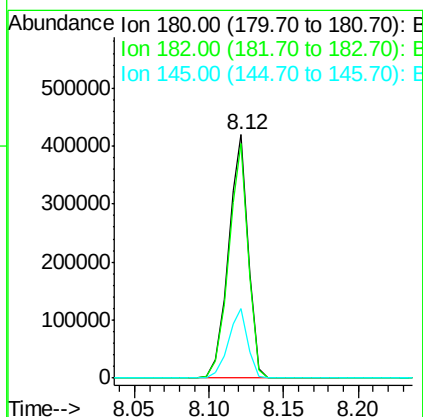
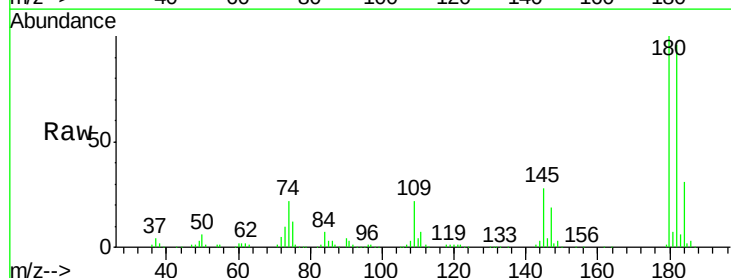
Instrument :
 BNA_F
 ClientSampleId :

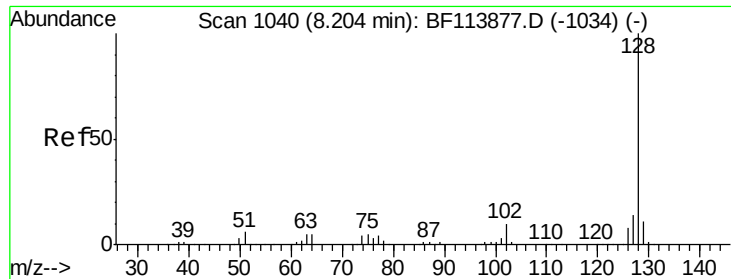
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.3	43.7	83.7
98	35.3	15.5	55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 44.748 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
180	100		
182	96.3	75.4	113.0
145	28.5	23.0	34.4





#31

Naphthalene

Concen: 45.328 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

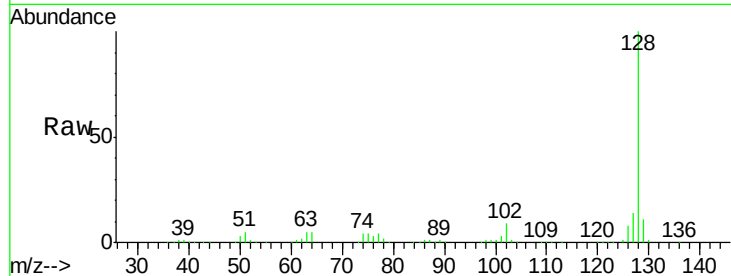
Tot Ion:128 Resp: 1113101

Ion Ratio Lower Upper

128 100

129 11.2 9.4 14.0

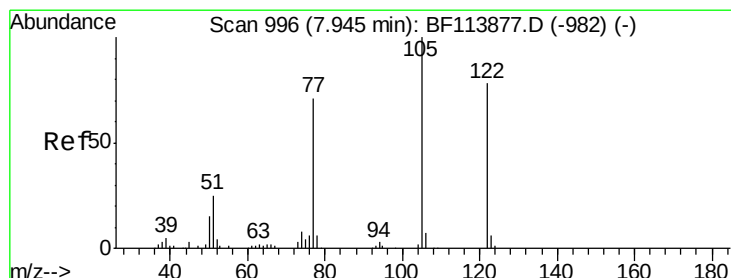
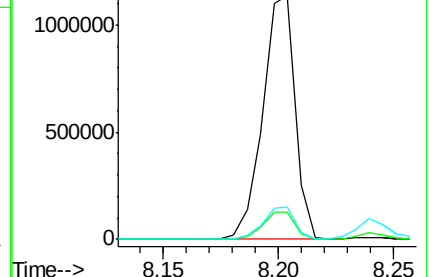
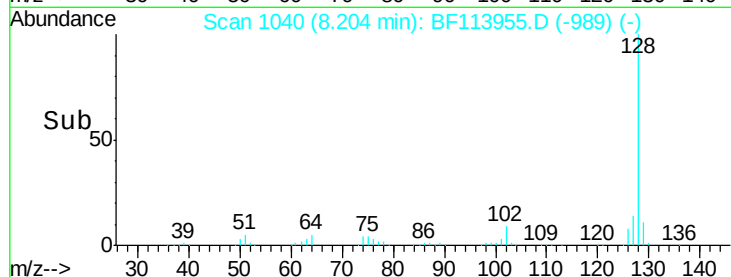
127 13.6 10.8 16.2



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: 10.493 ng

RT: 7.92 min Scan# 991

Delta R.T. -0.03 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

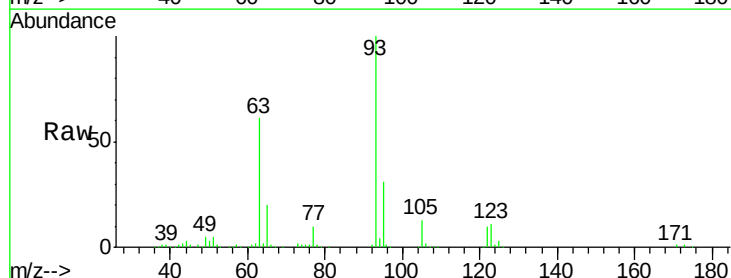
Tgt Ion:122 Resp: 48722

Ion Ratio Lower Upper

122 100

105 126.0 104.3 144.3

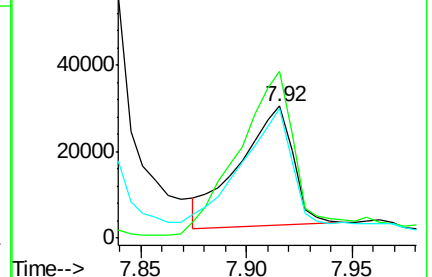
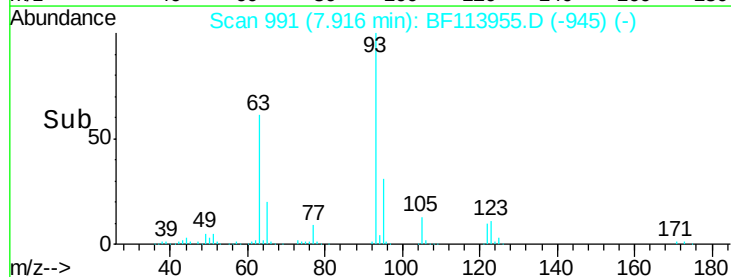
77 98.7 70.4 110.4

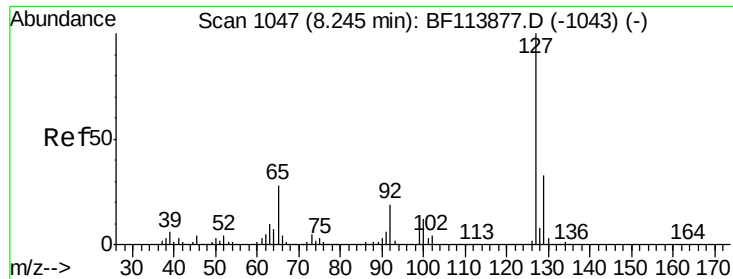


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

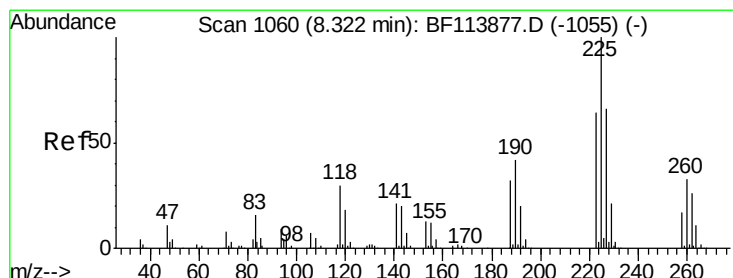
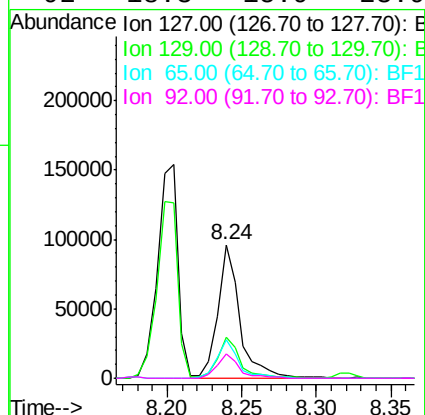
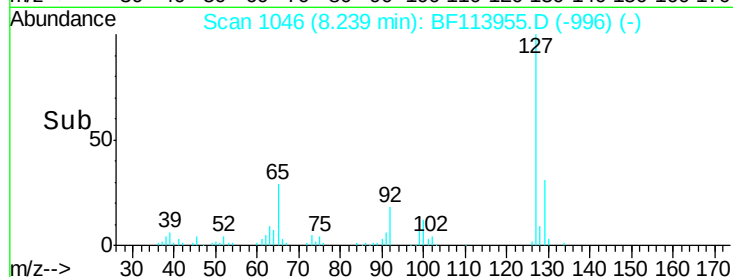
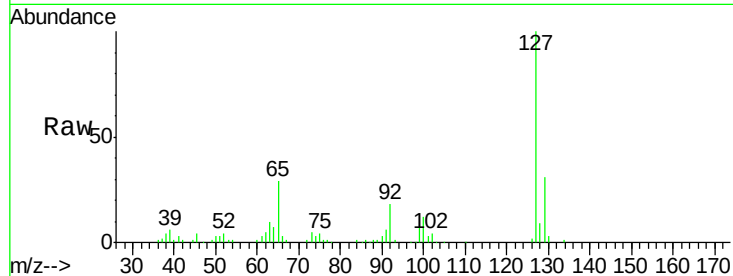




#33
4-Chloroaniline
Concen: 9.492 ng
RT: 8.24 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

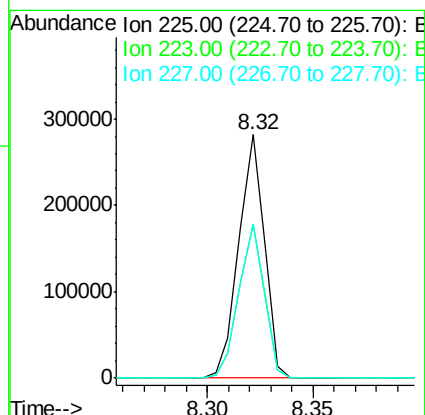
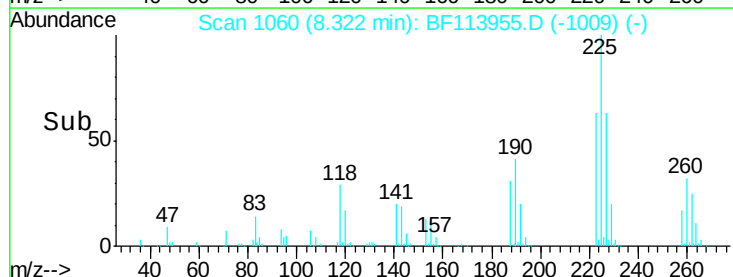
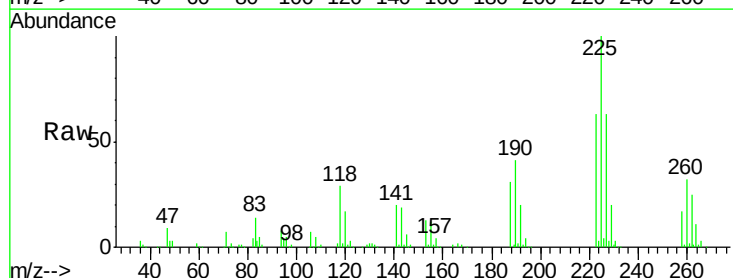
Instrument :
BNA_F
ClientSampleId :

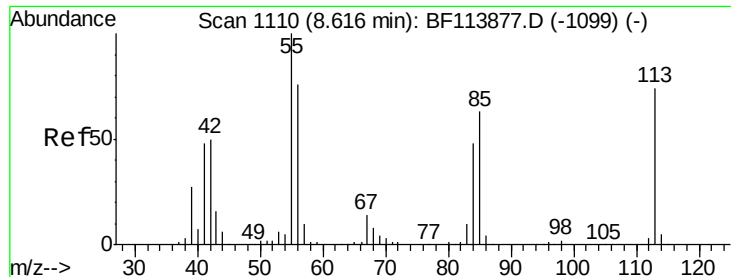
Tot Ion:	127	Resp:	98626
Ion	Ratio	Lower	Upper
127	100		
129	30.8	26.4	39.6
65	28.7	24.9	37.3
92	18.3	15.9	23.9



#34
Hexachlorobutadiene
Concen: 43.165 ng
RT: 8.32 min Scan# 1060
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion:	225	Resp:	235907
Ion	Ratio	Lower	Upper
225	100		
223	63.1	51.1	76.7
227	63.4	49.9	74.9

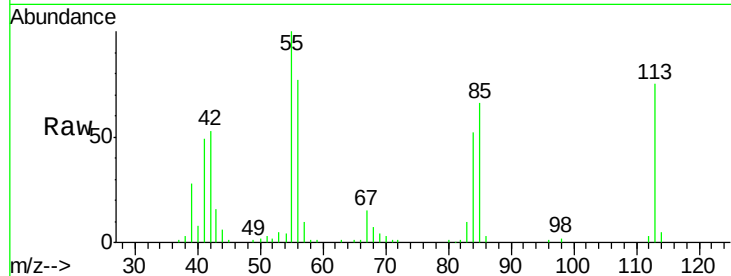




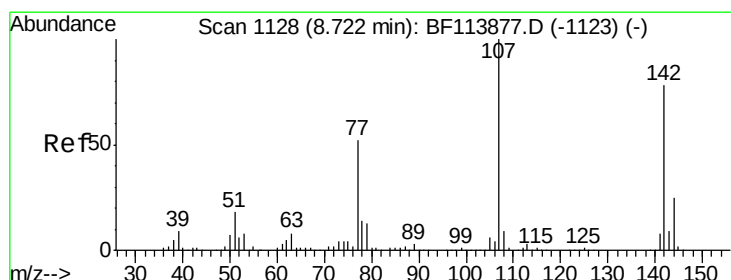
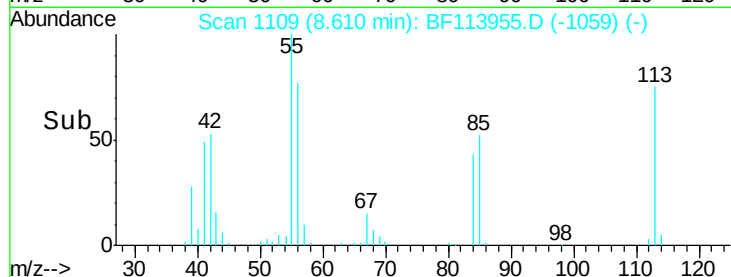
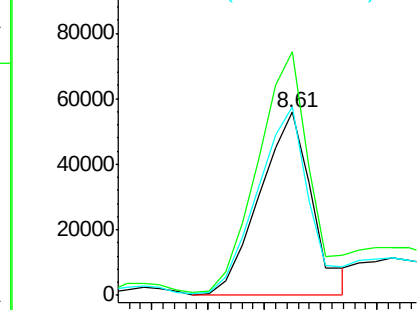
#35
 Caprolactam
 Concen: 28.525 ng
 RT: 8.61 min Scan# 1109
 Delta R.T. -0.01 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:113 Resp: 71346
 Ion Ratio Lower Upper
 113 100
 55 133.1 128.6 168.6
 56 102.9 91.9 131.9

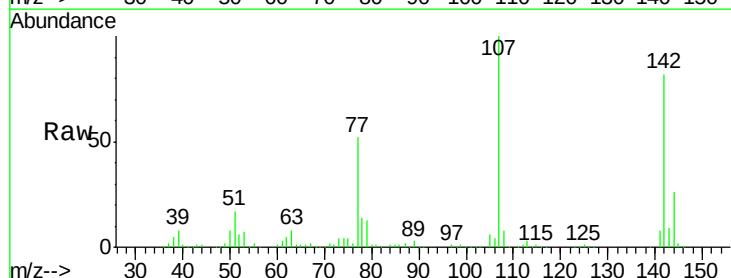


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

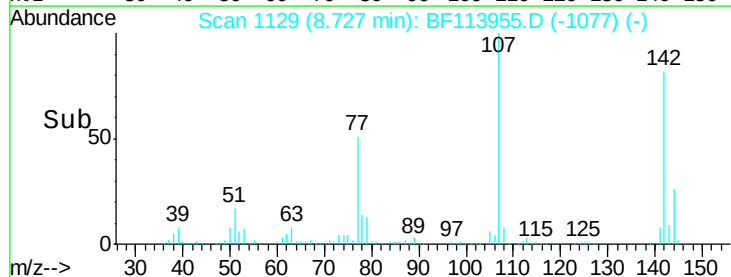
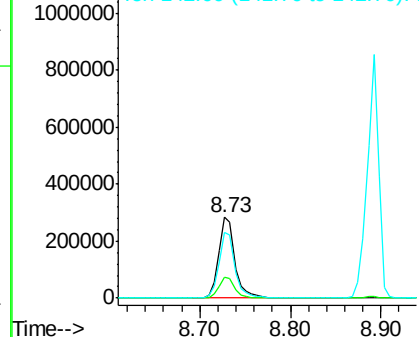


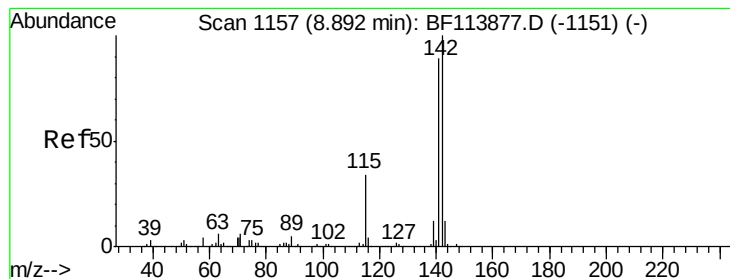
#36
 4-Chloro-3-methylphenol
 Concen: 44.864 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion:107 Resp: 349484
 Ion Ratio Lower Upper
 107 100
 144 26.2 20.5 30.7
 142 81.5 64.2 96.4



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





#37

2-Methylnaphthalene

Concen: 45.640 ng

RT: 8.89 min Scan# 1157

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

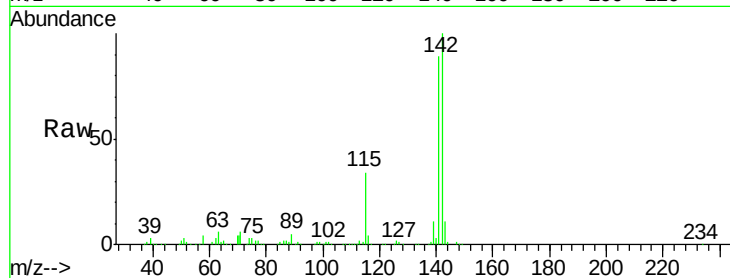
Tot Ion:142 Resp: 755769

Ion Ratio Lower Upper

142 100

141 89.2 70.4 105.6

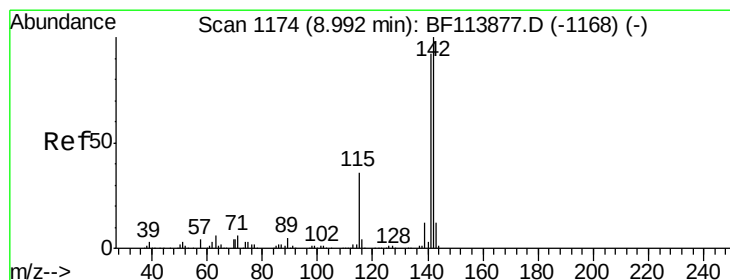
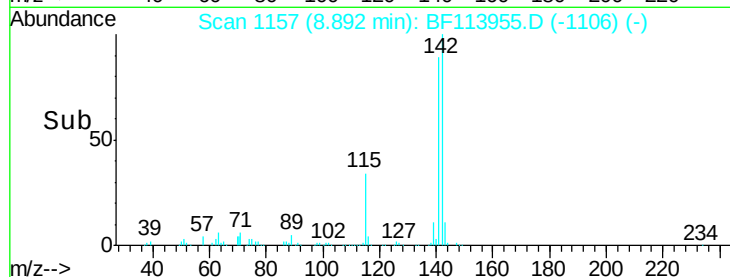
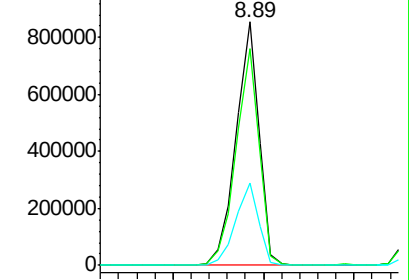
115 34.1 26.3 39.5



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: 44.717 ng

RT: 8.99 min Scan# 1174

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

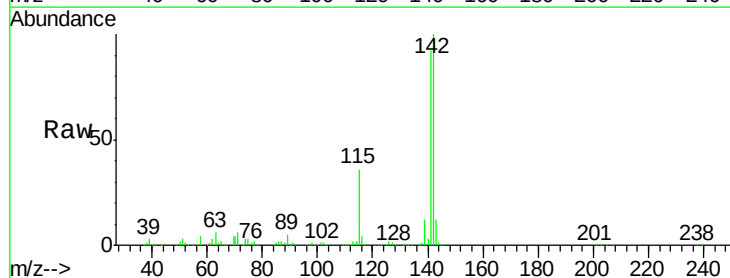
Tgt Ion:142 Resp: 714689

Ion Ratio Lower Upper

142 100

141 92.2 72.3 108.5

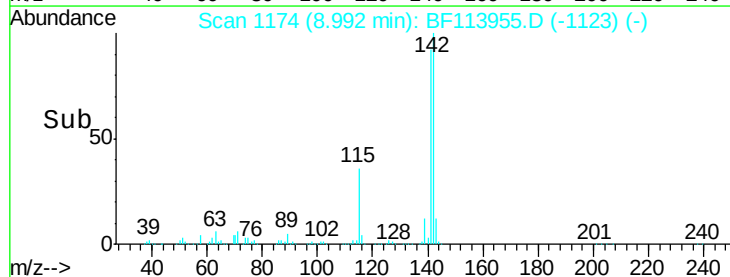
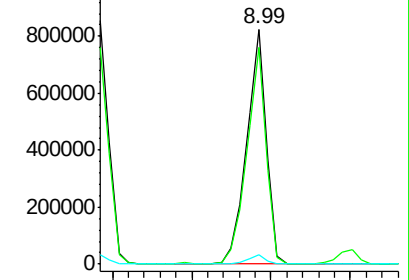
116 3.7 3.0 4.4

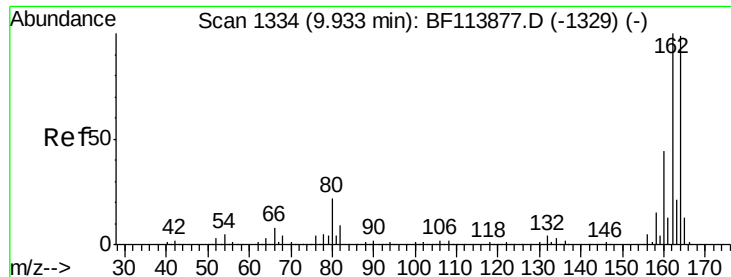


Abundance Ion 142.00 (141.70 to 142.70): E

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. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

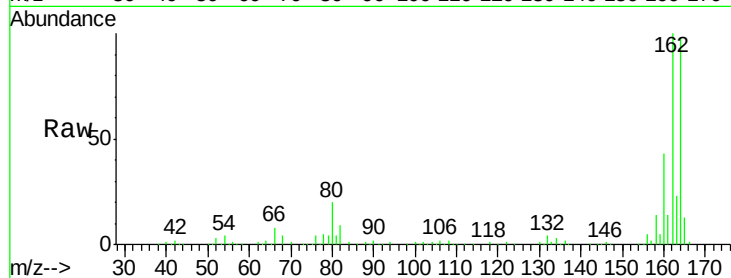
Tot Ion:164 Resp: 266870

Ion Ratio Lower Upper

164 100

162 102.3 81.1 121.7

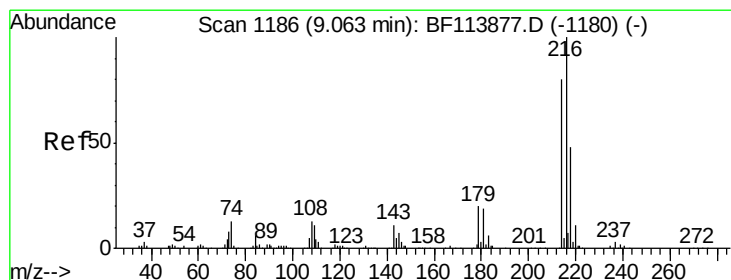
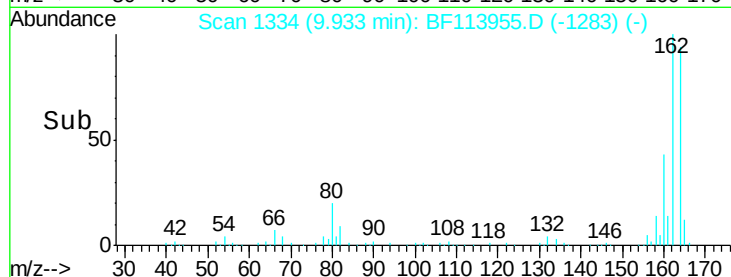
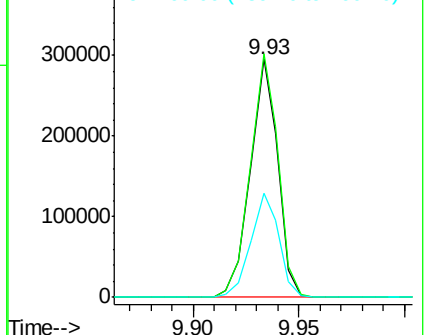
160 43.9 35.8 53.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.086 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Tgt Ion:216 Resp: 382170

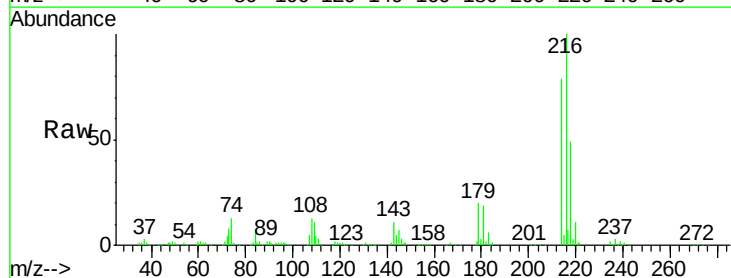
Ion Ratio Lower Upper

216 100

214 79.7 63.5 95.3

179 20.9 16.1 24.1

108 17.9 13.4 20.0

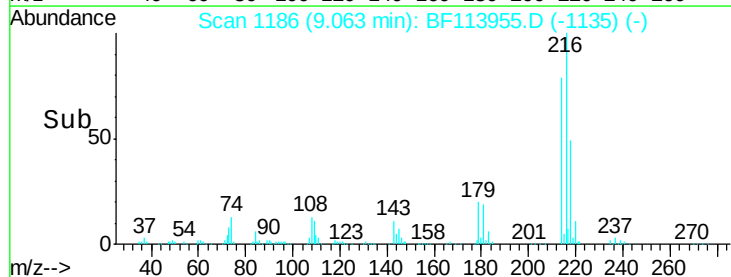
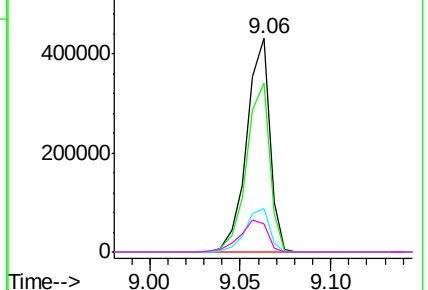


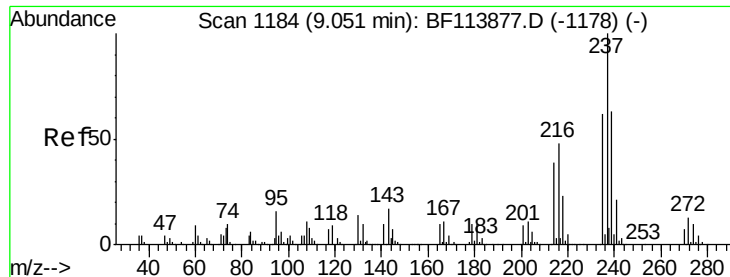
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

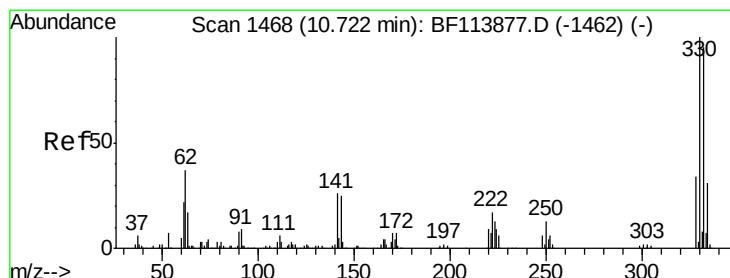
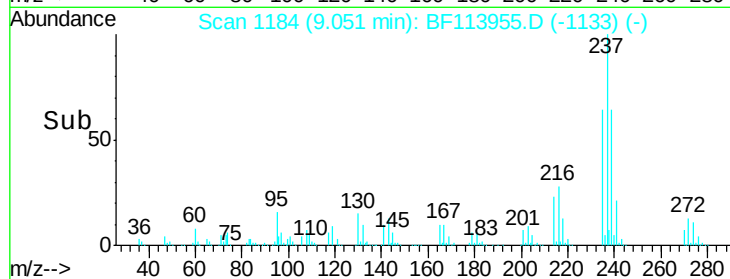
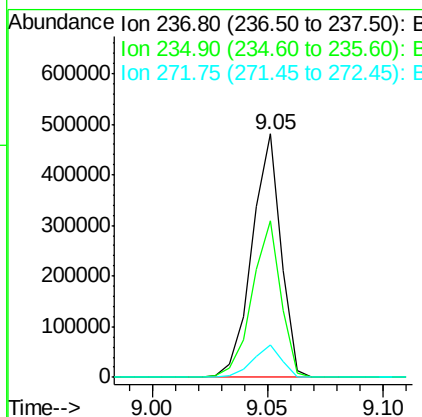
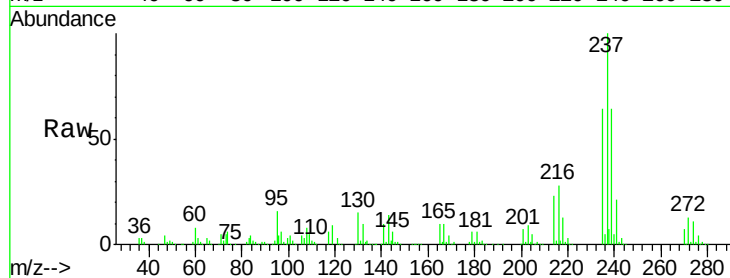




#41
Hexachlorocyclopentadiene
Concen: 87.158 ng
RT: 9.05 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

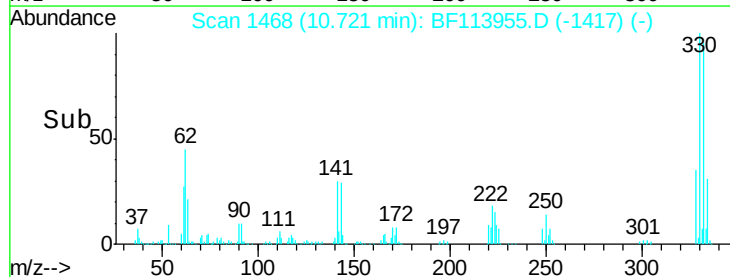
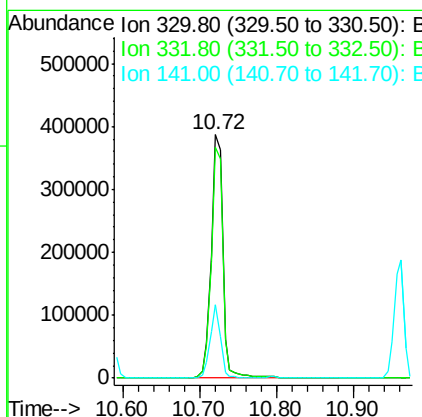
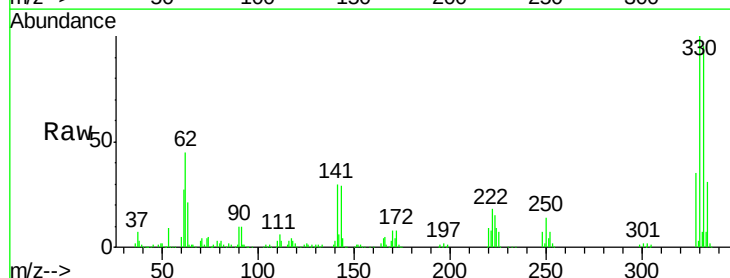
Instrument :
BNA_F
ClientSampleId :

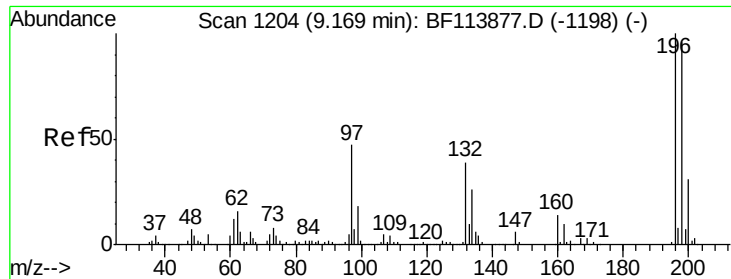
Tot Ion:237 Resp: 421328
Ion Ratio Lower Upper
237 100
235 64.2 42.6 82.6
272 13.4 0.0 33.8



#42
2,4,6-Tribromophenol
Concen: 123.671 ng
RT: 10.72 min Scan# 1468
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion:330 Resp: 402057
Ion Ratio Lower Upper
330 100
332 95.8 77.5 116.3
141 27.1 22.2 33.2

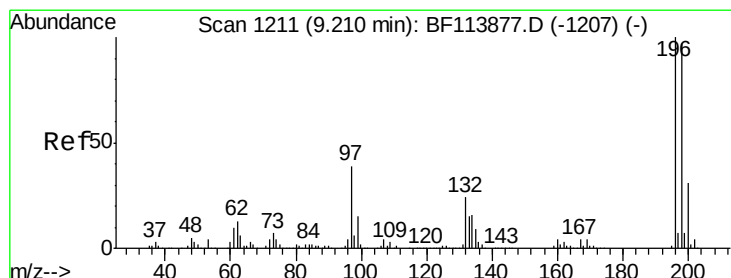
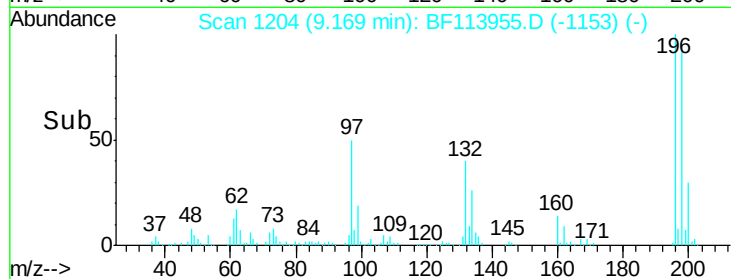
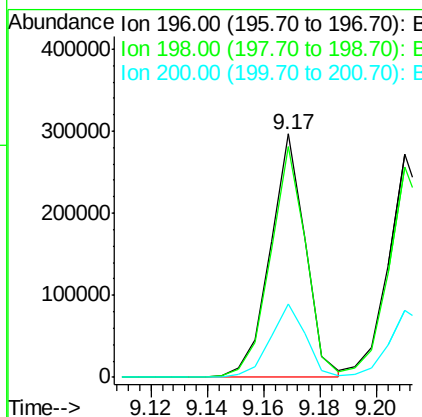
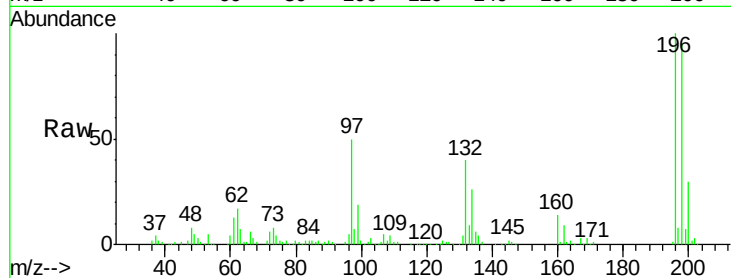




#43
 2,4,6-Trichlorophenol
 Concen: 46.414 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

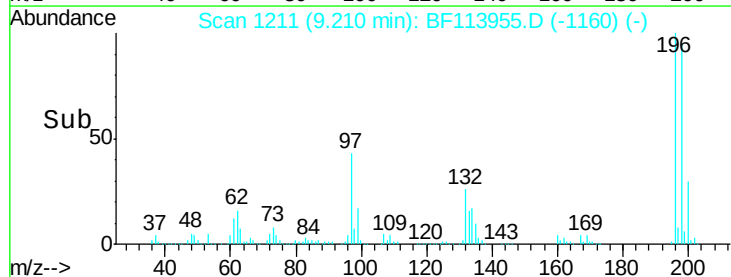
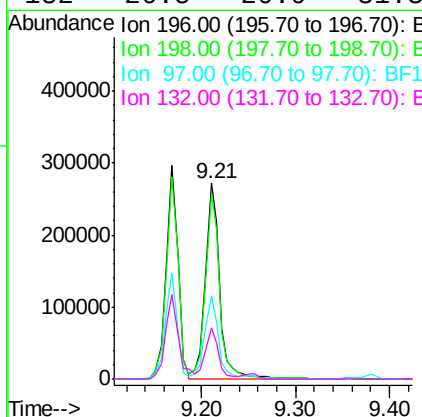
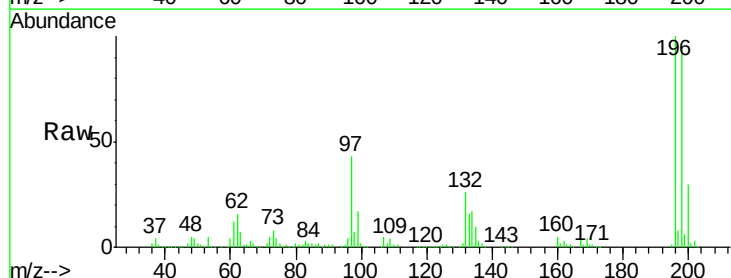
Instrument :
 BNA_F
 ClientSampled :

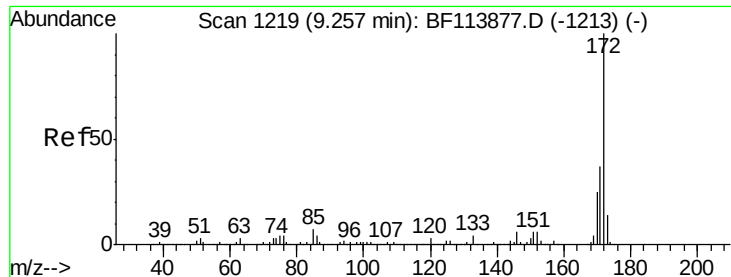
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.0	75.6	113.4
200	30.4	24.7	37.1



#44
 2,4,5-Trichlorophenol
 Concen: 46.630 ng
 RT: 9.21 min Scan# 1211
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.7	76.2	114.4
97	42.9	35.8	53.8
132	26.5	20.9	31.3





#45

2-Fluorobiphenyl

Concen: 87.924 ng

RT: 9.26 min Scan# 1219

Delta R.T. 0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

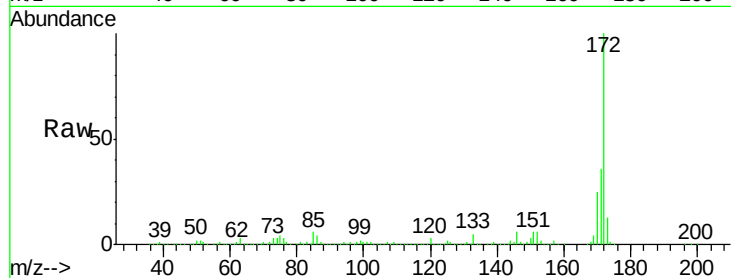
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1500257

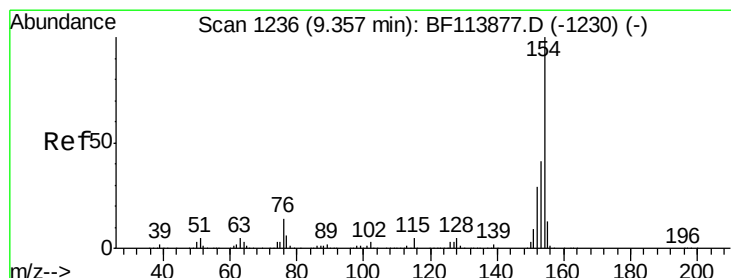
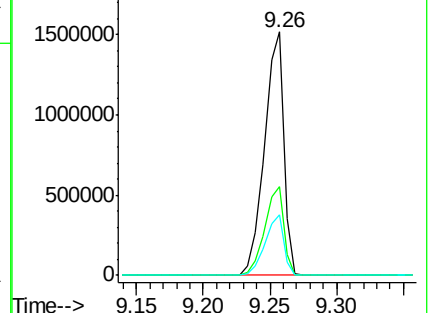
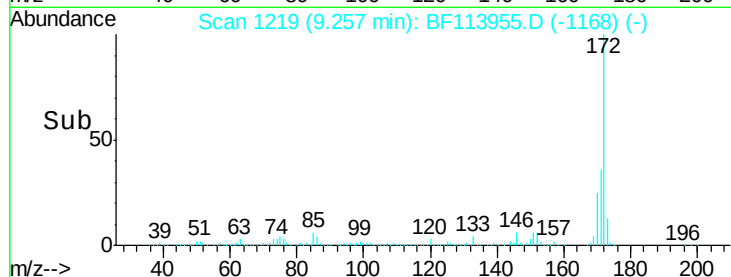
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.4	44.0
170	24.7	19.9	29.9



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: 45.835 ng

RT: 9.36 min Scan# 1236

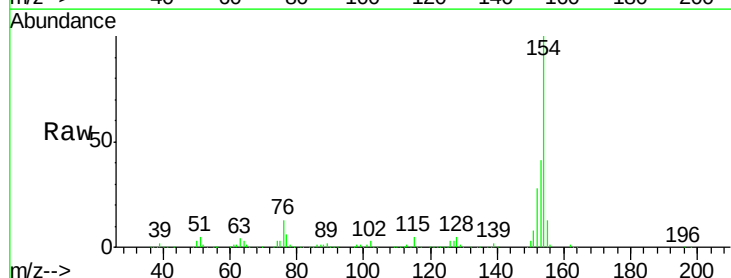
Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Tgt Ion:154 Resp: 934432

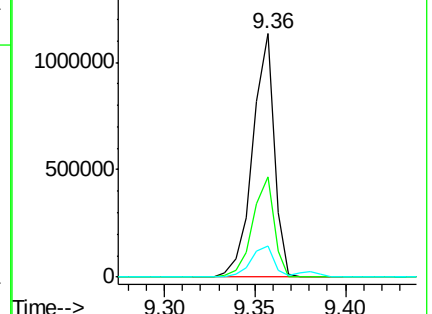
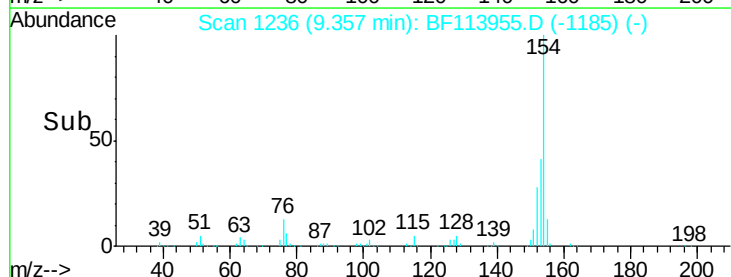
Ion	Ratio	Lower	Upper
154	100		
153	41.1	20.8	60.8
76	12.6	0.0	35.2

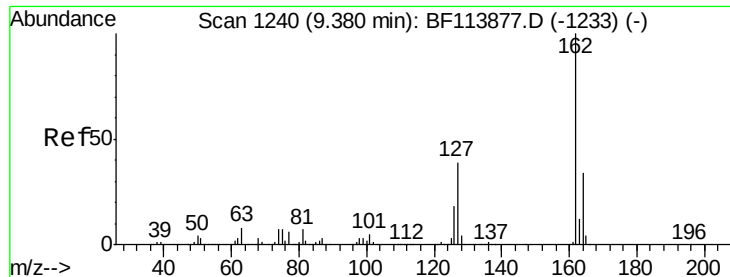


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

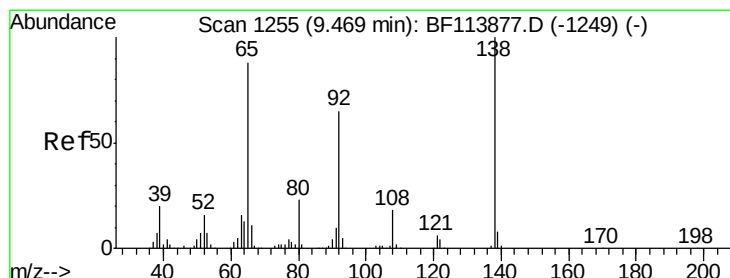
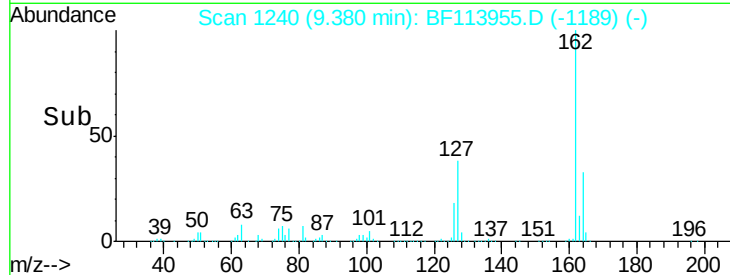
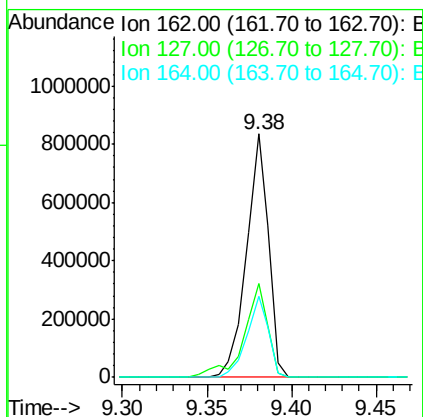
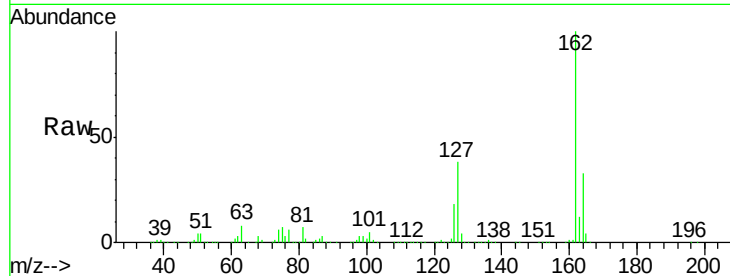




#47
 2-Chloronaphthalene
 Concen: 45.745 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

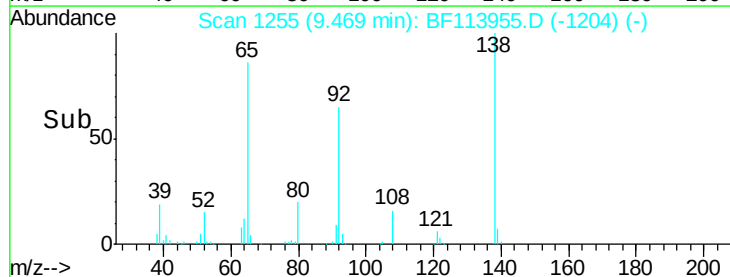
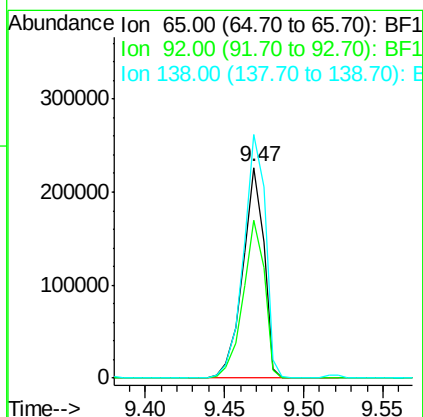
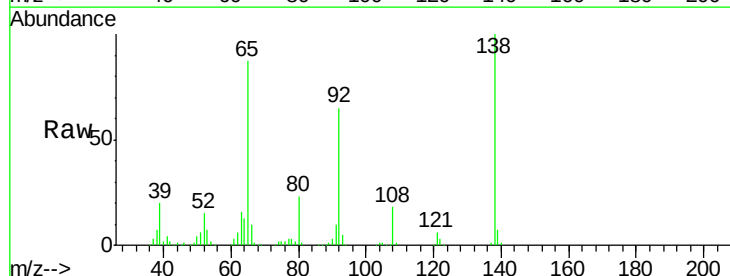
Instrument :
 BNA_F
 ClientSampleId :

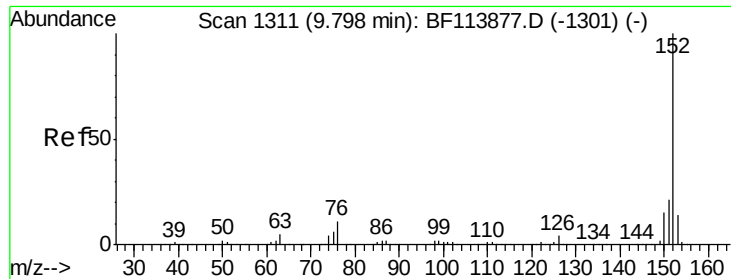
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	29.3	43.9
164	33.3	27.1	40.7



#48
 2-Nitroaniline
 Concen: 48.192 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.3	57.4	86.0
138	115.6	85.4	128.0





#49

Acenaphthylene

Concen: 44.611 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

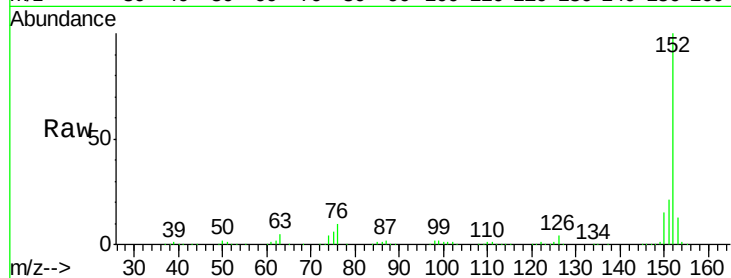
Tot Ion:152 Resp: 1157875

Ion Ratio Lower Upper

152 100

151 20.7 17.0 25.4

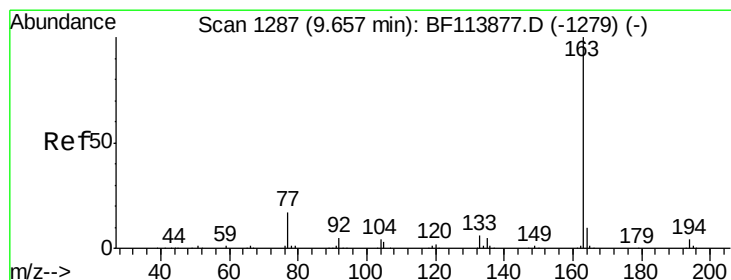
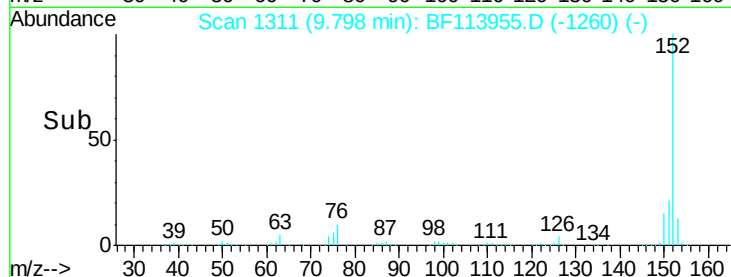
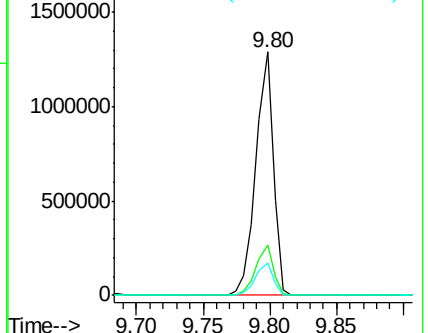
153 13.5 11.0 16.6



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: 51.083 ng

RT: 9.66 min Scan# 1287

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

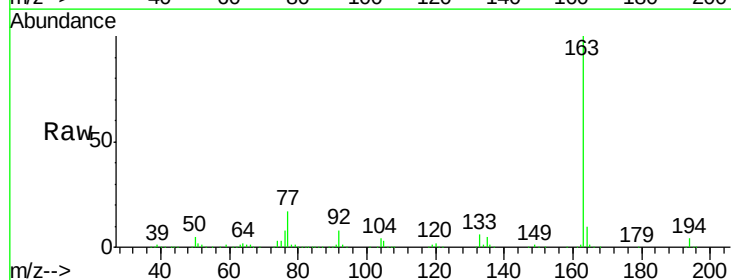
Tgt Ion:163 Resp: 985937

Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

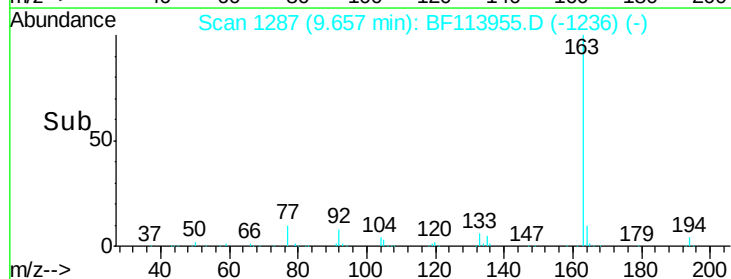
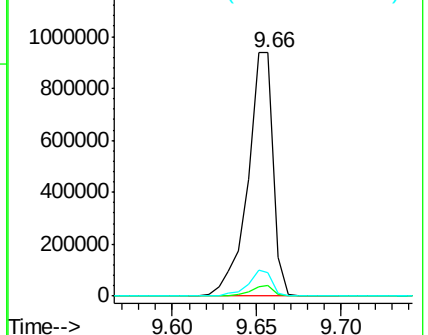
164 9.8 8.5 12.7

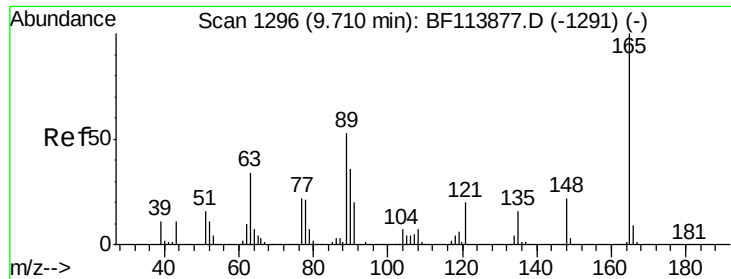


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 49.037 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampled :

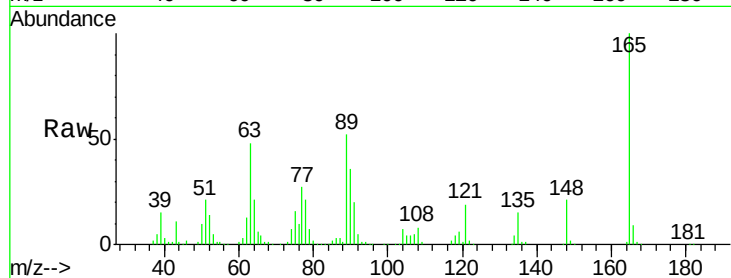
Tot Ion:165 Resp: 203046

Ion Ratio Lower Upper

165 100

63 47.9 33.8 50.8

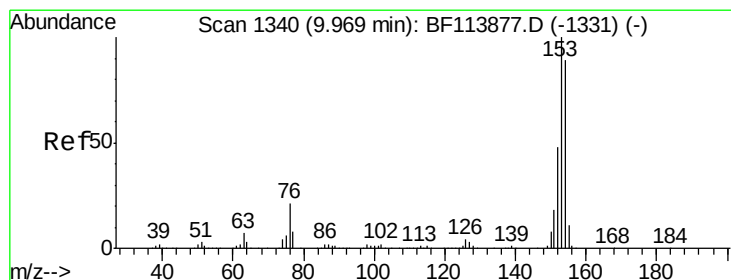
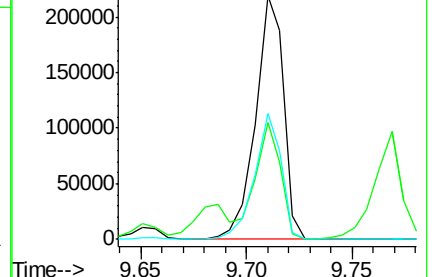
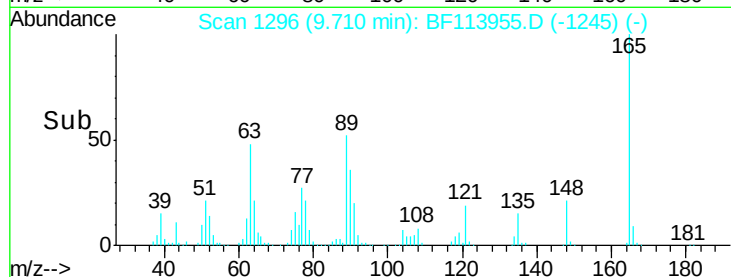
89 51.5 38.2 57.2



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 47.212 ng

RT: 9.97 min Scan# 1340

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

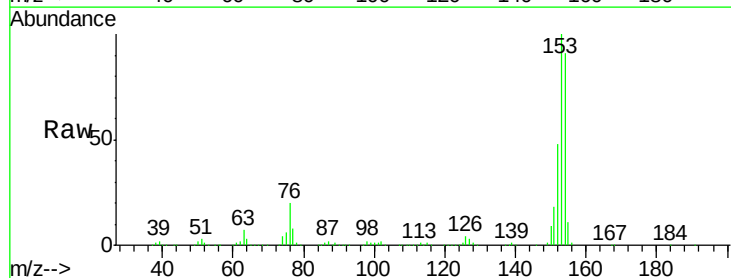
Tgt Ion:154 Resp: 724171

Ion Ratio Lower Upper

154 100

153 110.5 87.2 130.8

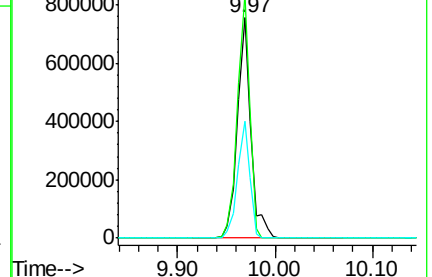
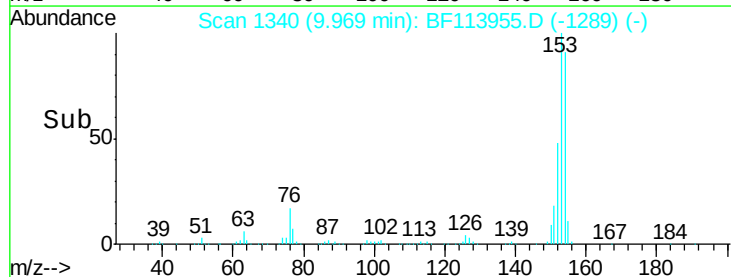
152 52.9 42.3 63.5

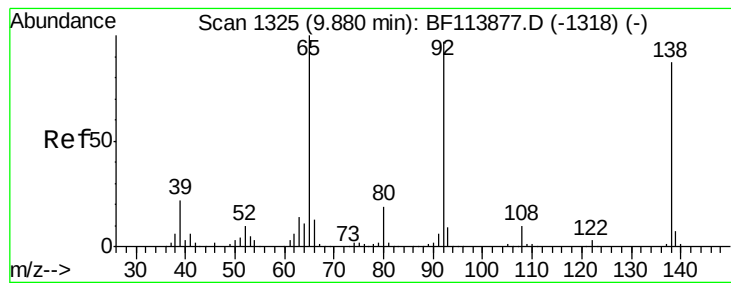


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 18.192 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

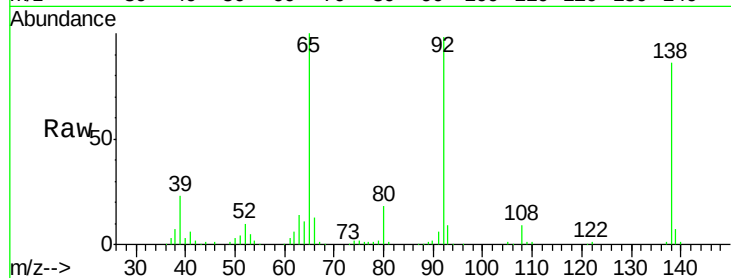
Tot Ion:138 Resp: 79156

Ion Ratio Lower Upper

138 100

108 10.3 9.4 14.2

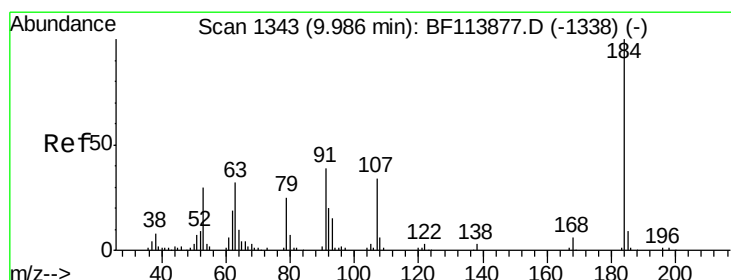
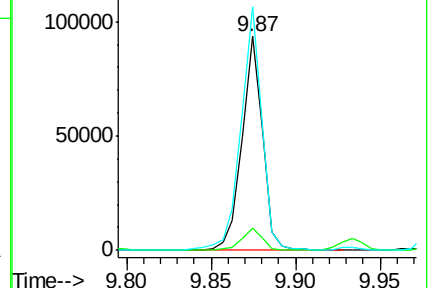
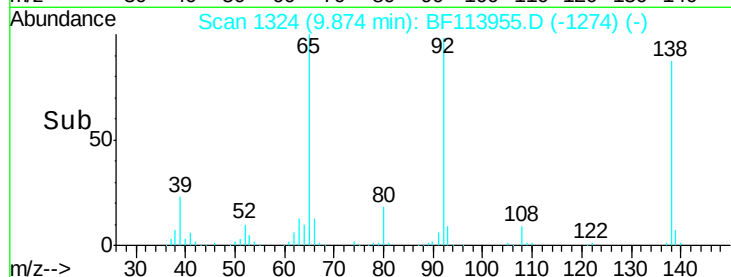
92 113.8 94.1 141.1



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: 64.324 ng

RT: 9.99 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

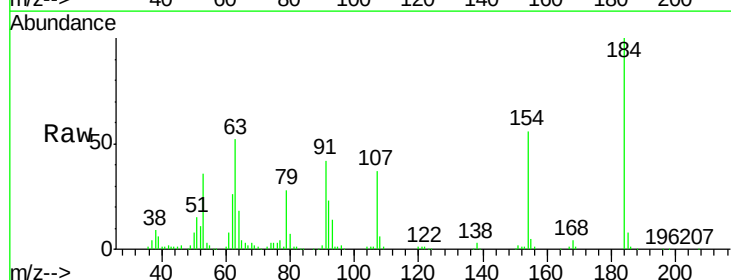
Tgt Ion:184 Resp: 111976

Ion Ratio Lower Upper

184 100

63 52.0 54.6 81.8#

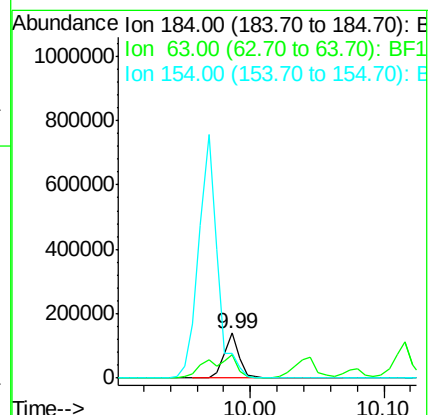
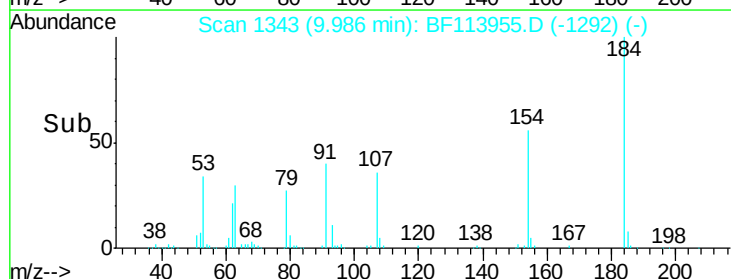
154 55.8 218.6 328.0#

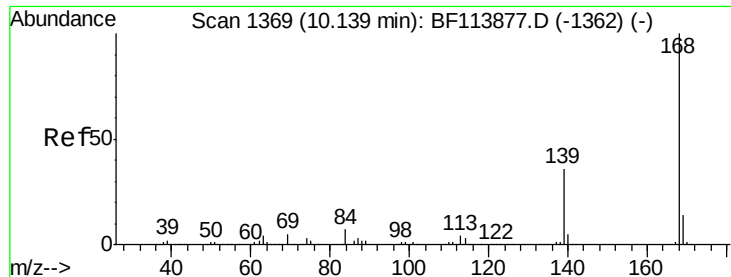


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

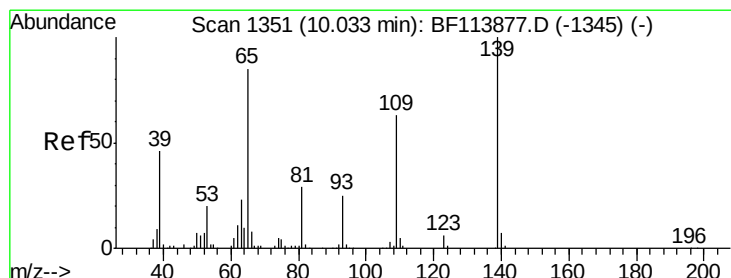
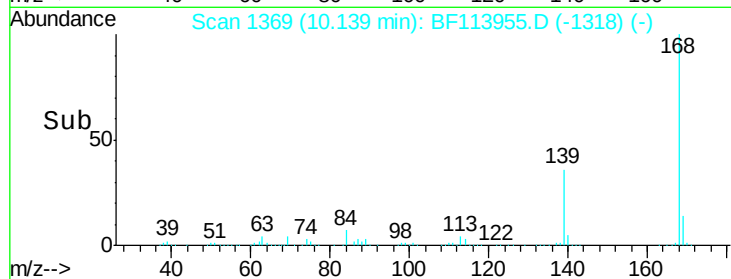
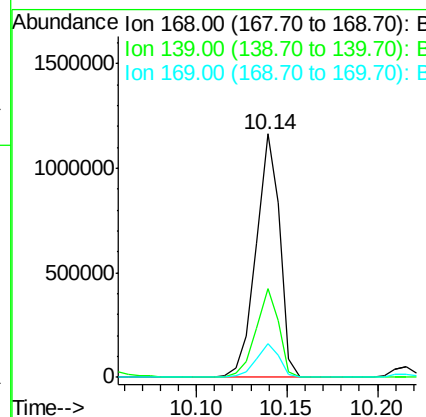
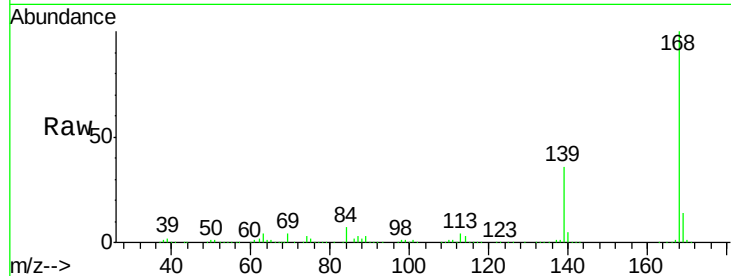




#55
Dibenzofuran
Concen: 45.737 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

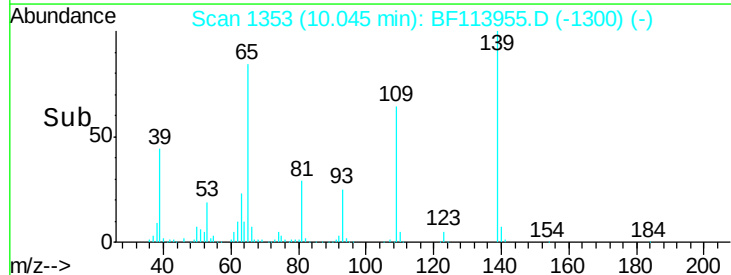
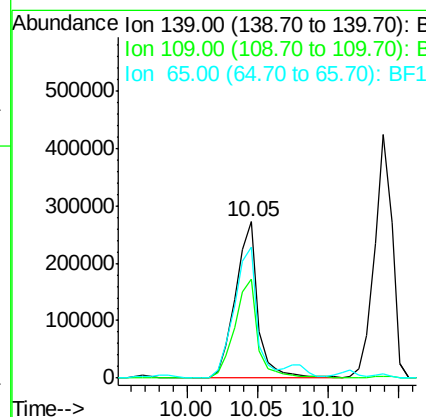
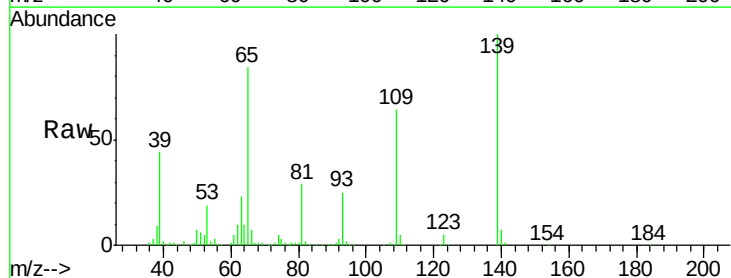
Instrument :
BNA_F
ClientSampleId :

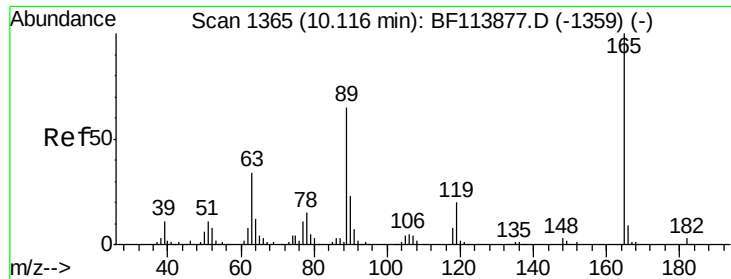
Tot Ion:168 Resp: 1050863
Ion Ratio Lower Upper
168 100
139 36.4 27.8 41.6
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 88.487 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion:139 Resp: 304848
Ion Ratio Lower Upper
139 100
109 63.6 42.9 82.9
65 84.1 64.4 104.4

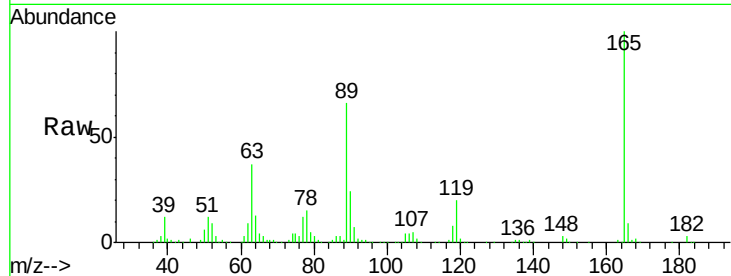




#57
2,4-Dinitrotoluene
Concen: 51.226 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
165	100		
63	36.9	27.4	41.0
89	66.2	51.8	77.6
182	2.7	2.2	3.2

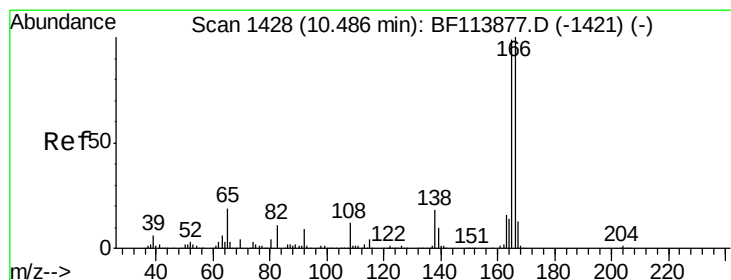
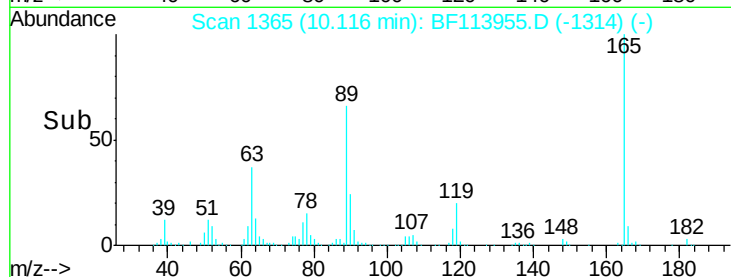
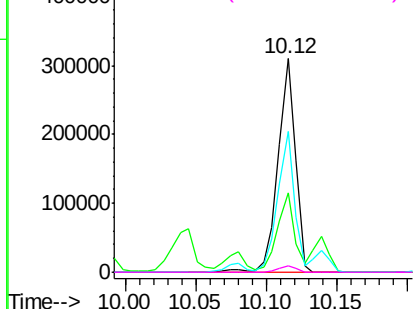


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

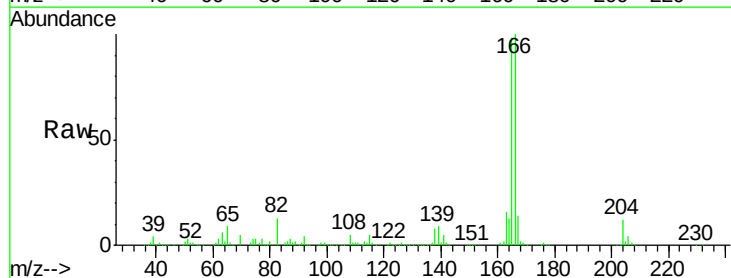
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 45.341 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

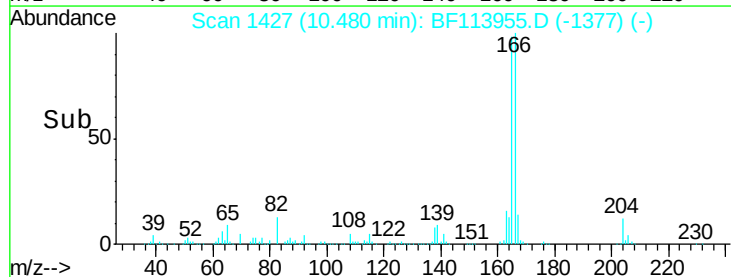
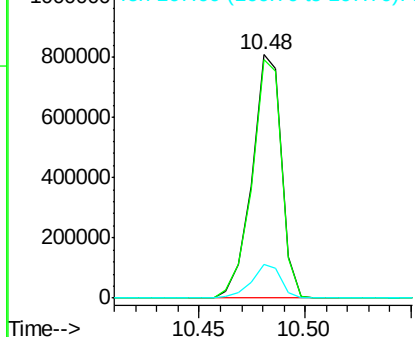
Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	78.4	117.6
167	13.8	10.9	16.3

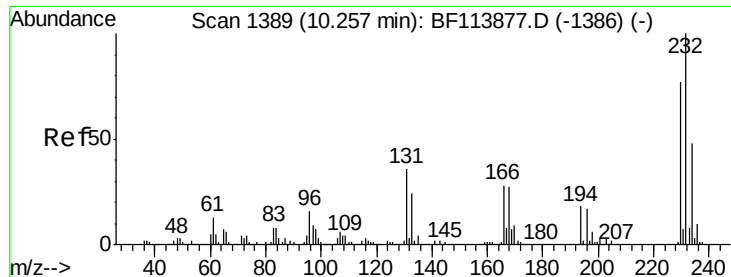


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

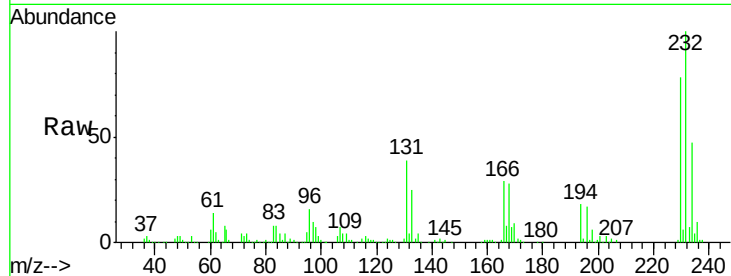




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.759 ng
RT: 10.26 min Scan# 1389
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
232	100		
131	38.9	30.2	45.2
130	1.9	1.5	2.3
166	26.6	22.2	33.4



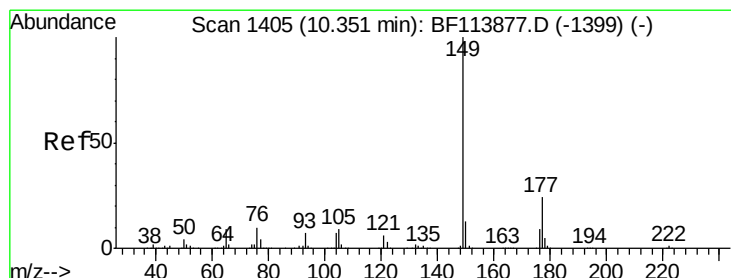
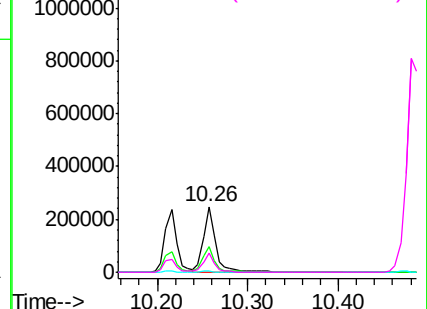
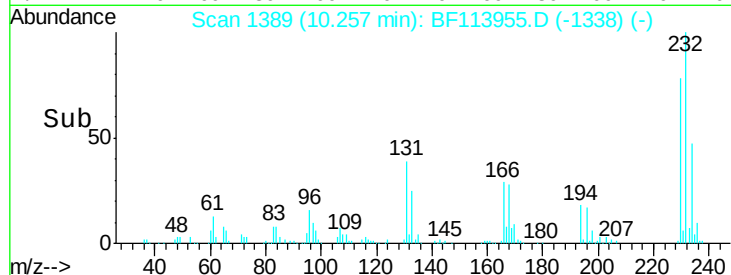
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

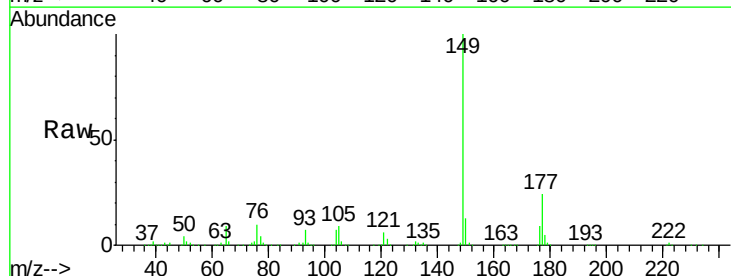
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
Diethylphthalate
Concen: 45.477 ng
RT: 10.35 min Scan# 1405
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.2	28.8
150	12.8	10.3	15.5

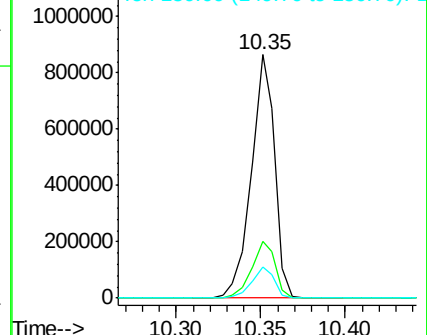
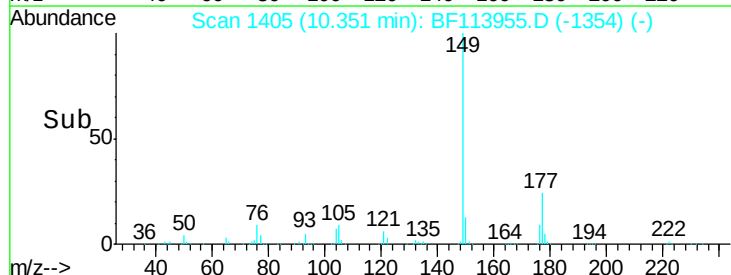


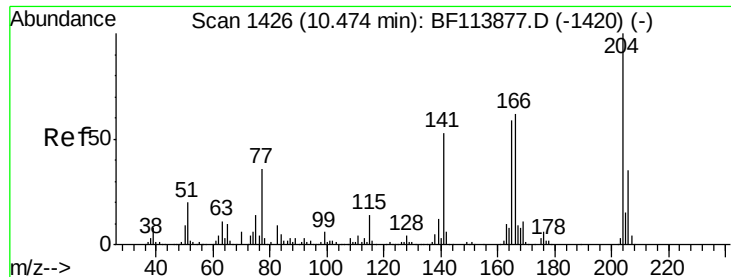
Abundance

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

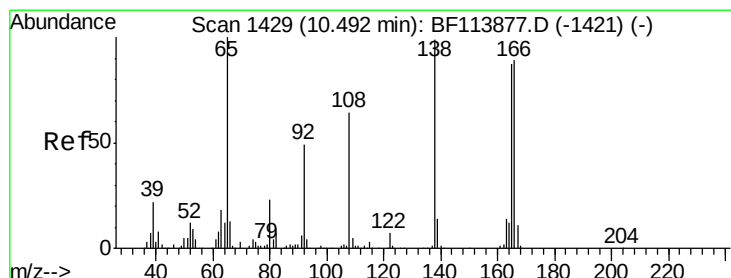
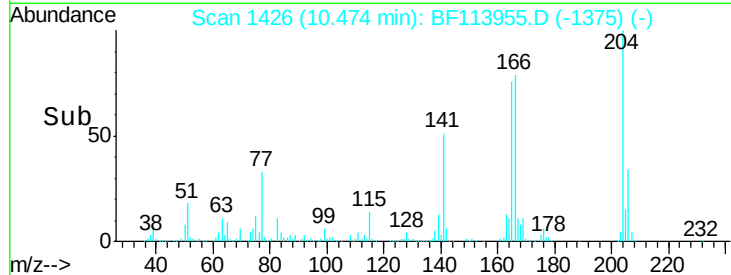
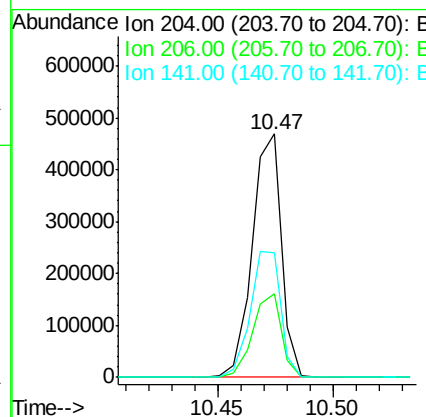
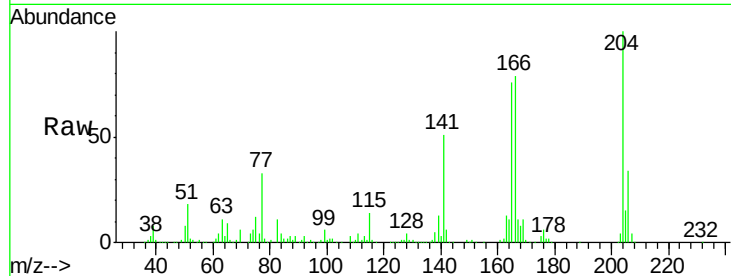




#61
 4-Chlorophenyl-phenylether
 Concen: 45.283 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

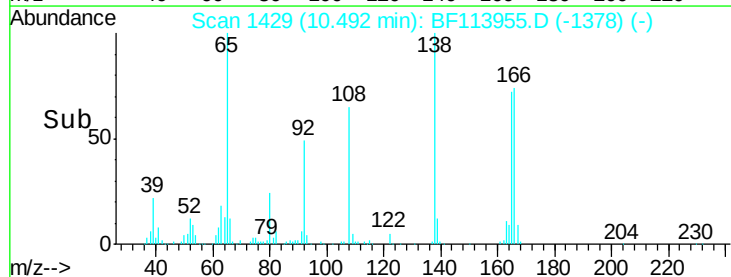
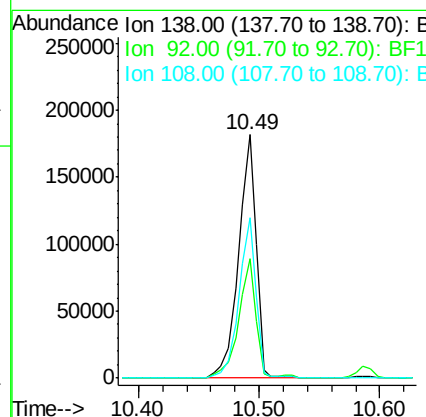
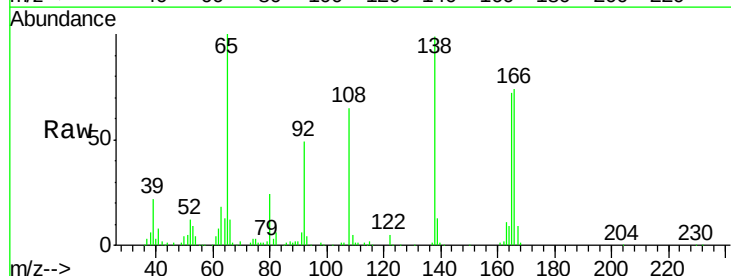
Instrument :
 BNA_F
 ClientSampled :

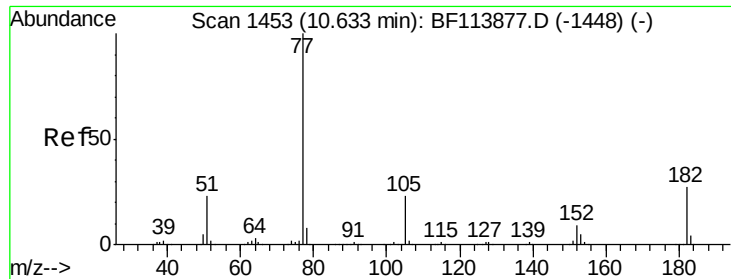
Tot Ion:	204	Resp:	414847
Ion	Ratio	Lower	Upper
204	100		
206	34.3	27.4	41.2
141	51.3	42.6	63.8



#62
 4-Nitroaniline
 Concen: 43.871 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion:	138	Resp:	186281
Ion	Ratio	Lower	Upper
138	100		
92	49.1	31.3	71.3
108	65.7	48.9	88.9





#63

Azobenzene

Concen: 43.875 ng

RT: 10.63 min Scan# 1453

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 779374

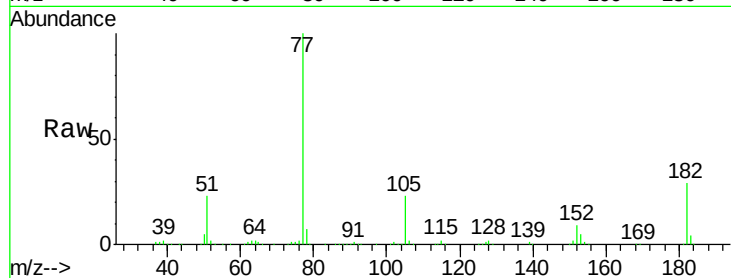
Ion Ratio Lower Upper

77 100

182 28.5 4.4 44.4

105 22.7 2.2 42.2

51 23.2 3.9 43.9

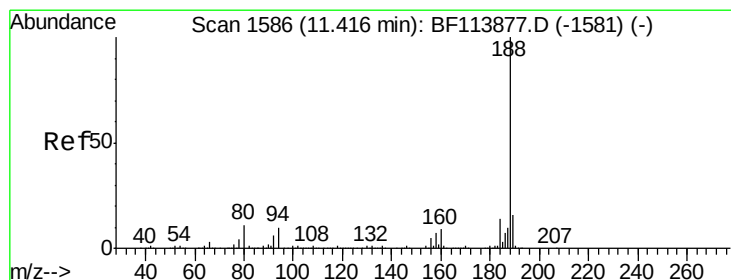
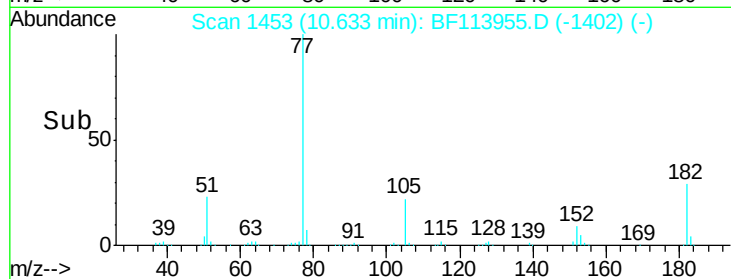
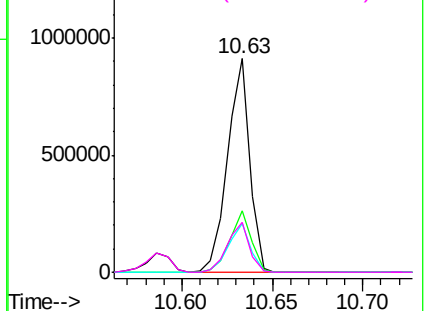


Abundance Ion 77.00 (76.70 to 77.70): BF1

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. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

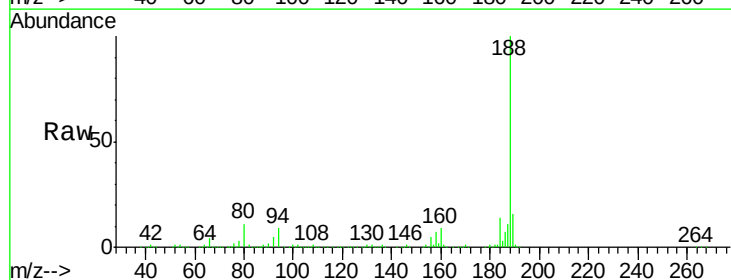
Tgt Ion: 188 Resp: 516844

Ion Ratio Lower Upper

188 100

94 9.3 8.2 12.4

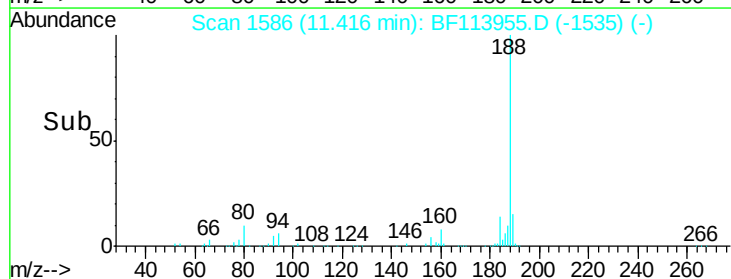
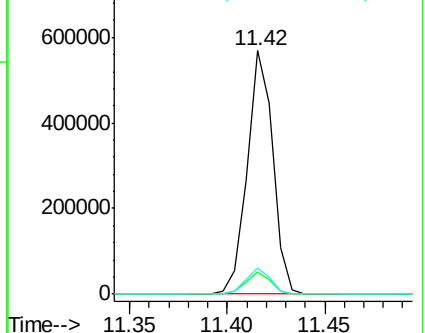
80 10.6 9.0 13.6

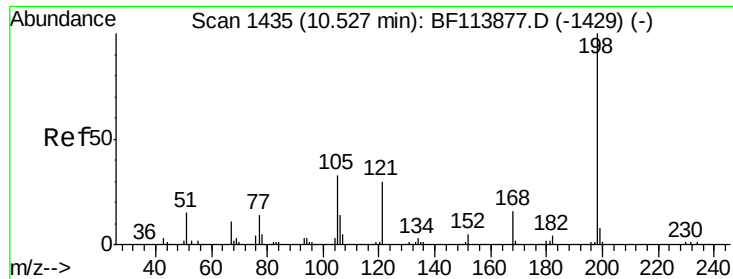


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

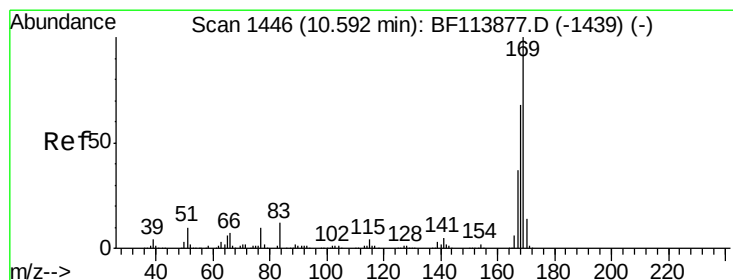
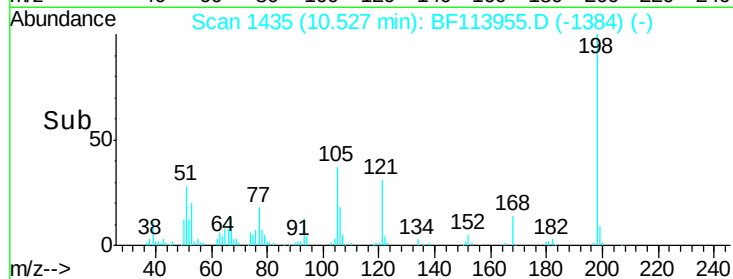
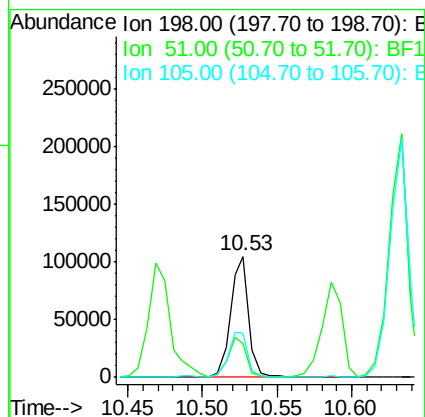
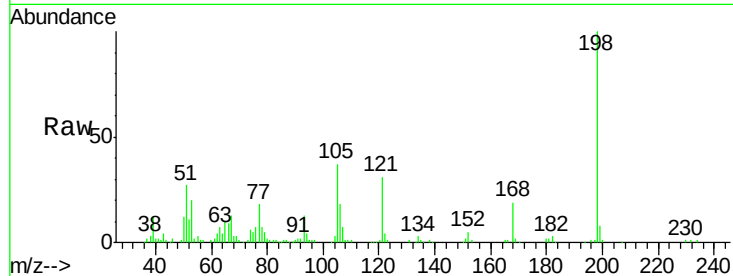




#65
4,6-Dinitro-2-methylphenol
Concen: 39.815 ng
RT: 10.53 min Scan# 1435
Delta R.T. 0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

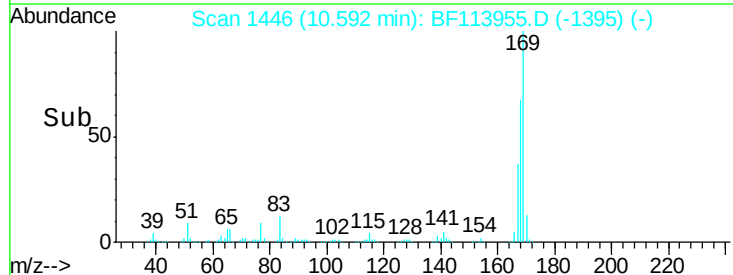
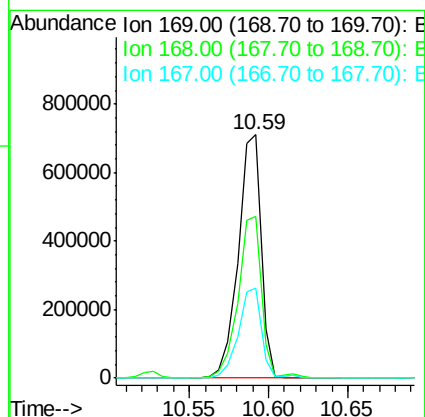
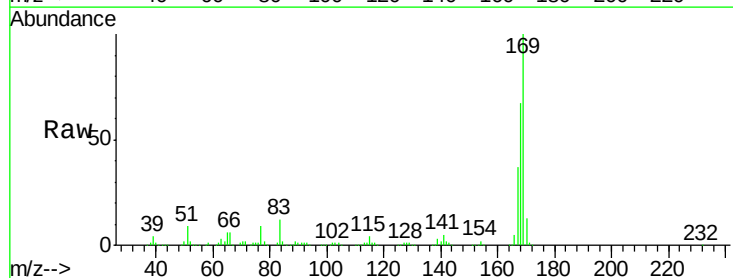
Instrument :
BNA_F
ClientSampleId :

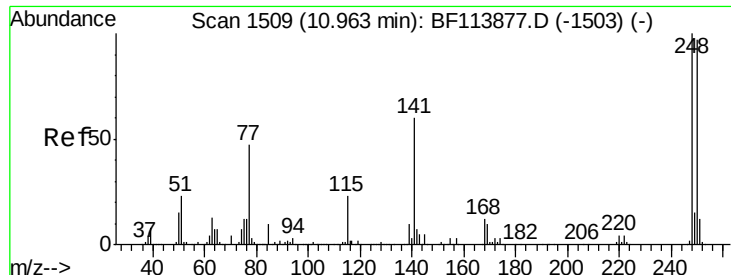
Tot Ion:198 Resp: 90837
Ion Ratio Lower Upper
198 100
51 27.4 11.1 51.1
105 36.6 20.7 60.7



#66
n-Nitrosodiphenylamine
Concen: 46.008 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion:169 Resp: 713497
Ion Ratio Lower Upper
169 100
168 66.6 54.3 81.5
167 36.8 29.4 44.0

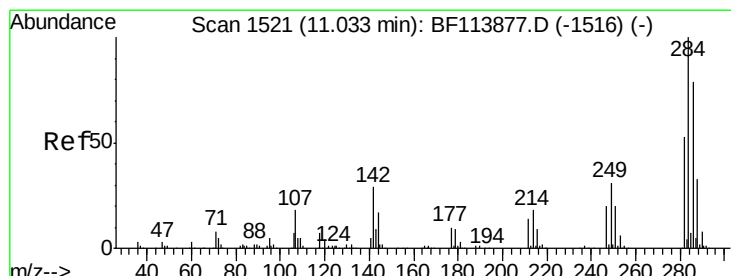
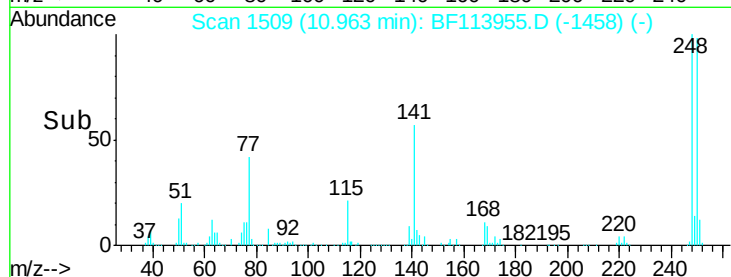
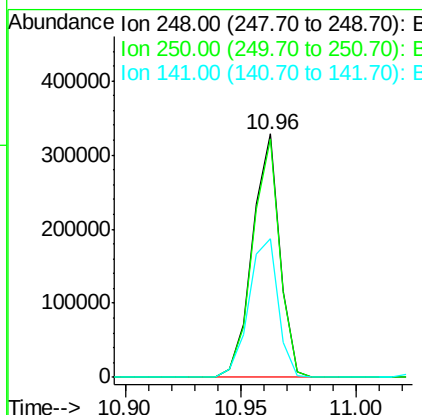
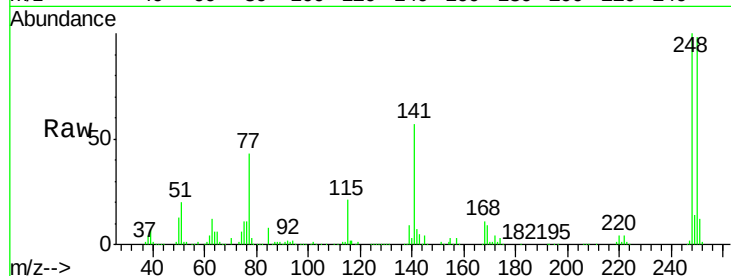




#67
 4-Bromophenyl-phenylether
 Concen: 43.444 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

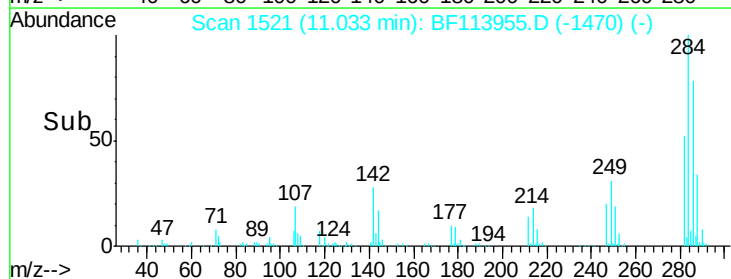
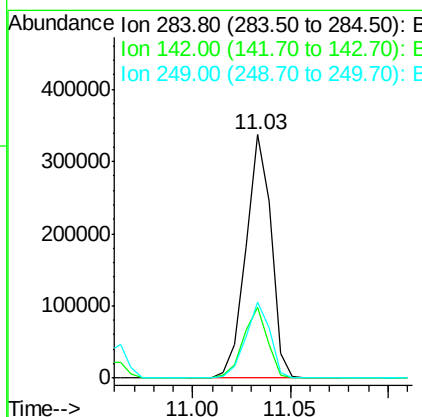
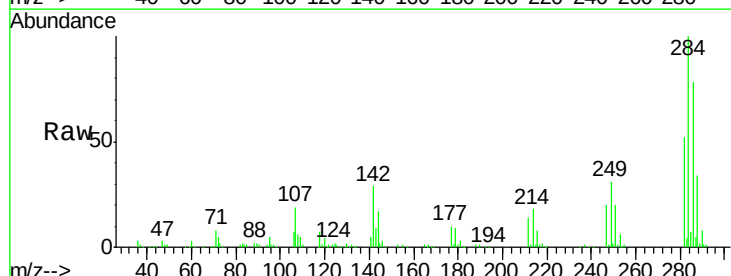
Instrument :
 BNA_F
 ClientSampleId :

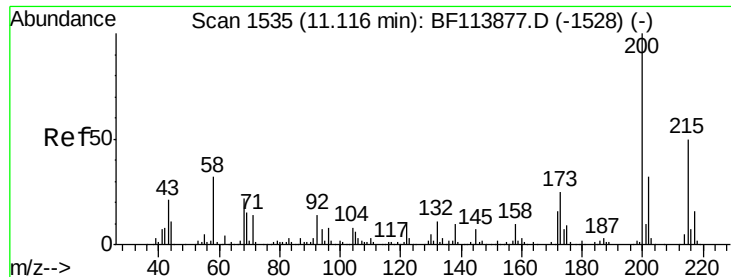
Tot Ion:248 Resp: 271249
 Ion Ratio Lower Upper
 248 100
 250 97.7 75.8 113.6
 141 57.2 50.2 75.4



#68
 Hexachlorobenzene
 Concen: 44.032 ng
 RT: 11.03 min Scan# 1521
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion:284 Resp: 302112
 Ion Ratio Lower Upper
 284 100
 142 29.0 23.0 34.4
 249 31.4 24.4 36.6

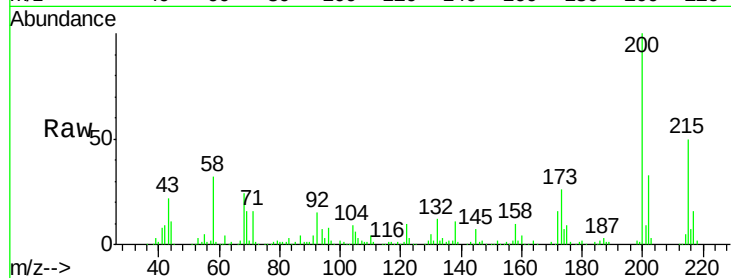




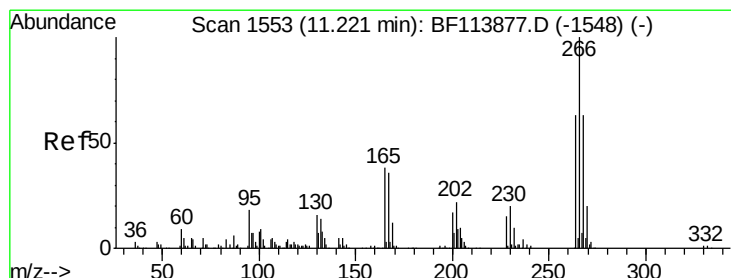
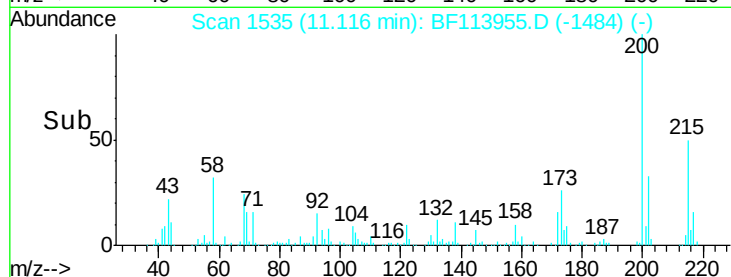
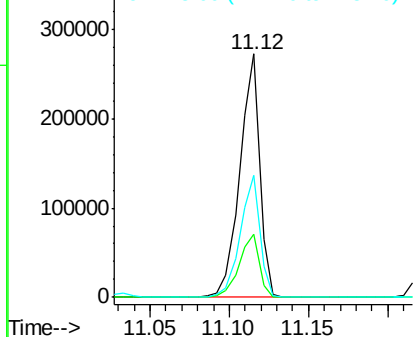
#69
Atrazine
Concen: 46.994 ng
RT: 11.12 min Scan# 1535
Delta R.T. 0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 237078
Ion Ratio Lower Upper
200 100
173 26.0 5.9 45.9
215 50.3 29.3 69.3

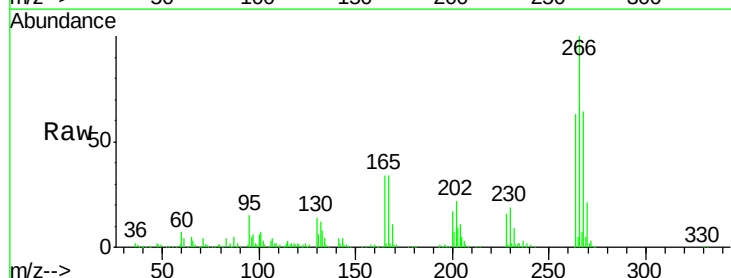


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

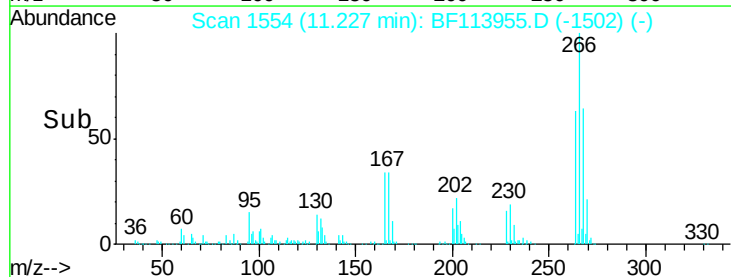
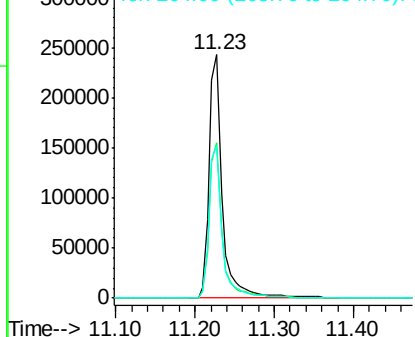


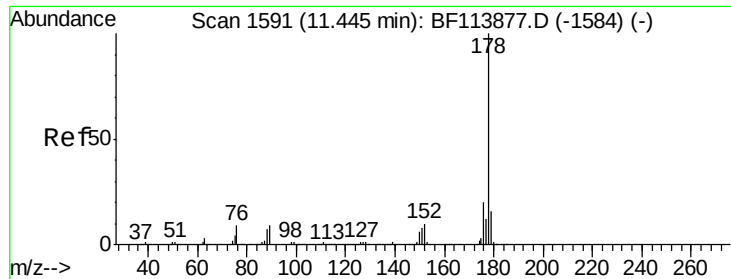
#70
Pentachlorophenol
Concen: 73.142 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion:266 Resp: 284135
Ion Ratio Lower Upper
266 100
268 63.6 53.5 80.3
264 62.8 51.0 76.6



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.618 ng

RT: 11.44 min Scan# 1591

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

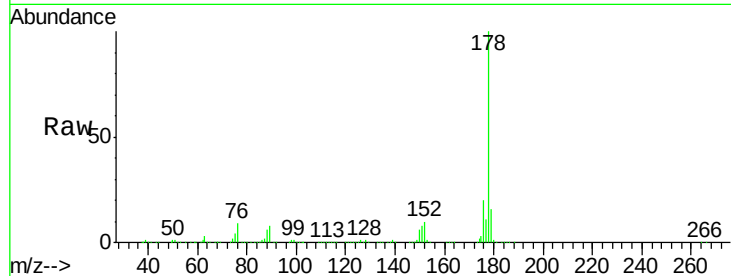
Tot Ion:178 Resp: 1184908

Ion Ratio Lower Upper

178 100

176 20.0 16.1 24.1

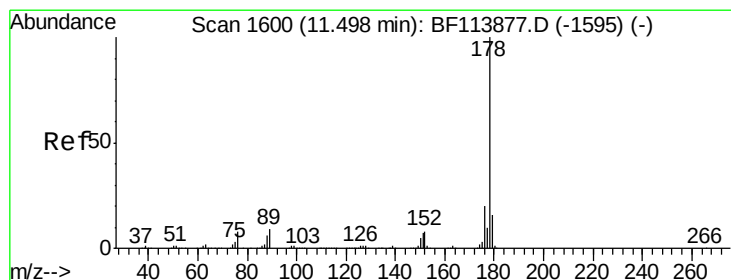
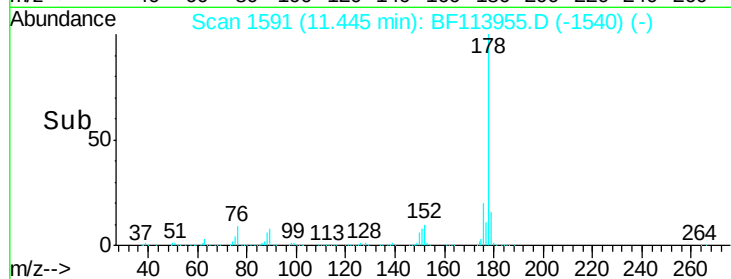
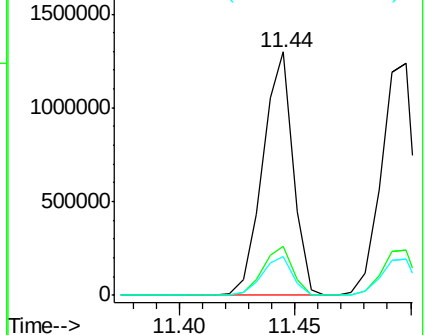
179 15.7 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.018 ng

RT: 11.50 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

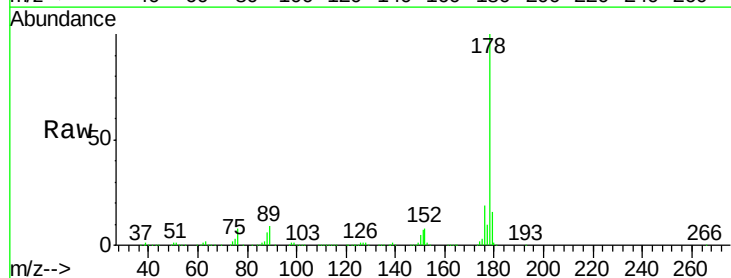
Tgt Ion:178 Resp: 1207043

Ion Ratio Lower Upper

178 100

176 19.3 15.7 23.5

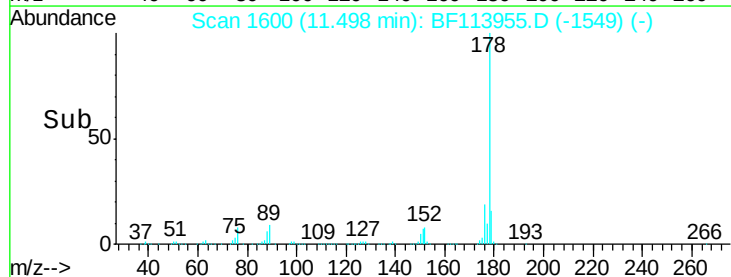
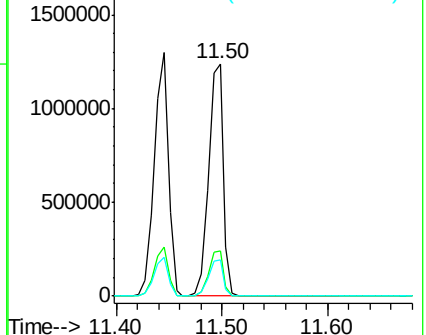
179 15.8 13.0 19.4

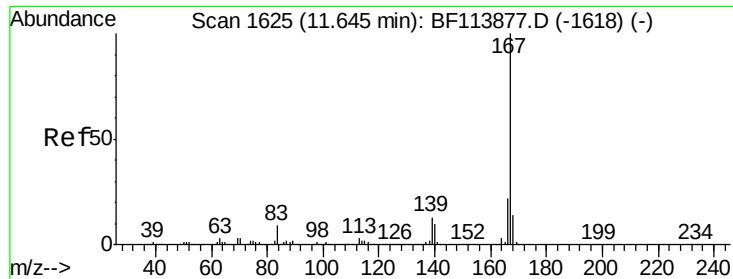


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

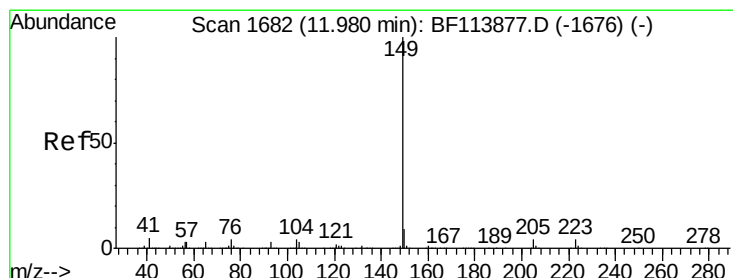
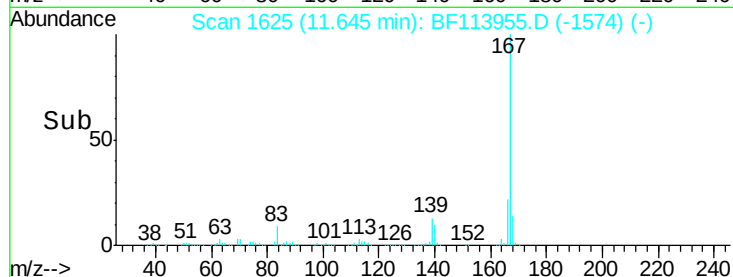
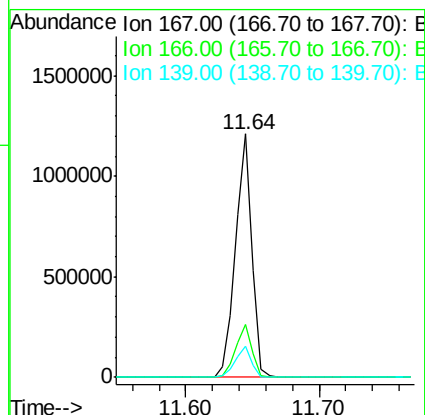
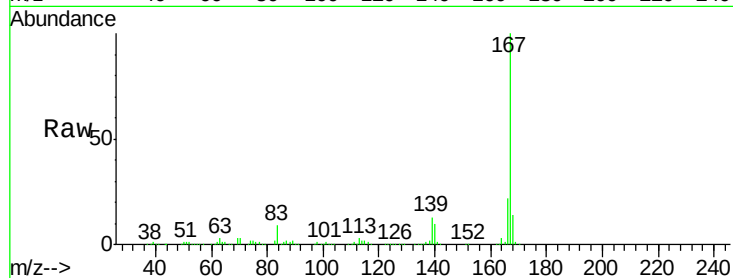




#73
 Carbazole
 Concen: 44.998 ng
 RT: 11.64 min Scan# 1625
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

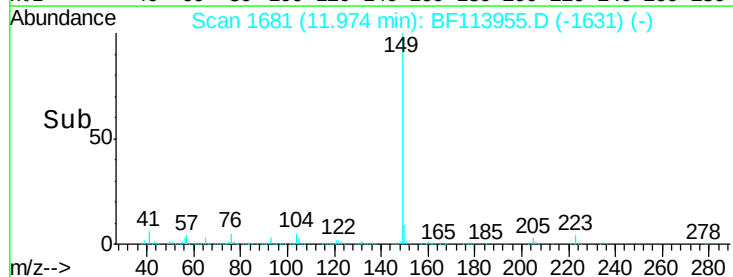
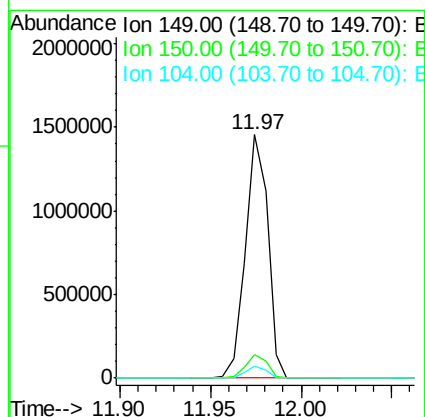
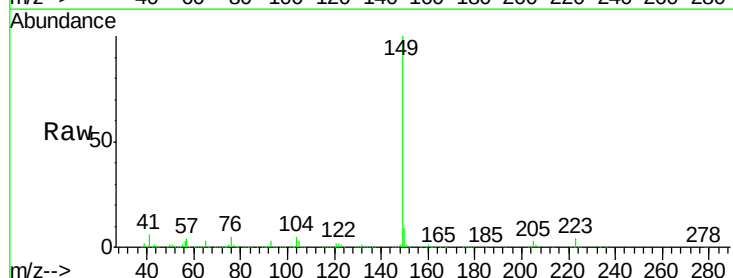
Instrument :
 BNA_F
 ClientSampleId :

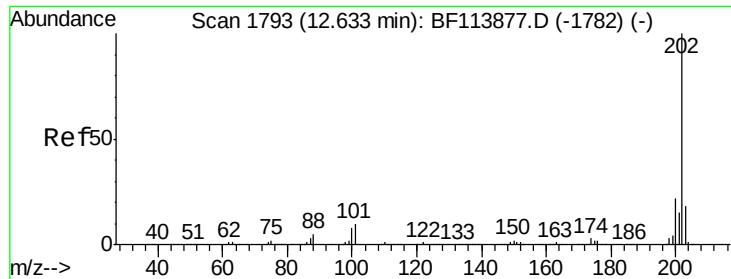
Tot Ion:167 Resp: 1053003
 Ion Ratio Lower Upper
 167 100
 166 22.0 17.7 26.5
 139 12.7 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 45.365 ng
 RT: 11.97 min Scan# 1681
 Delta R.T. -0.01 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion:149 Resp: 1248753
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.8 11.8
 104 4.7 3.8 5.8

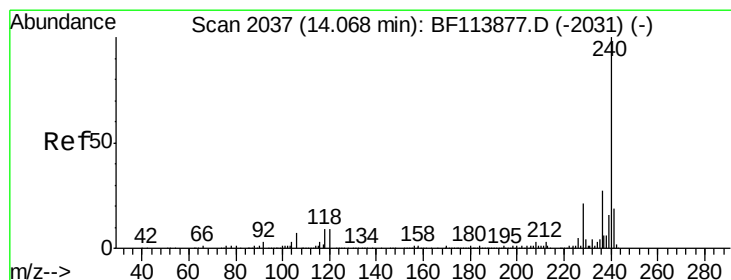
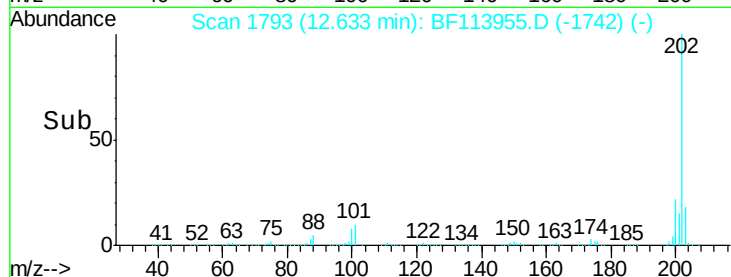
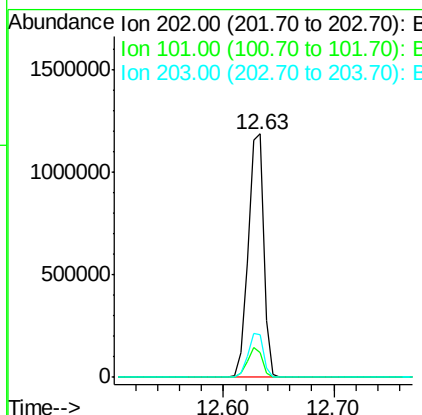
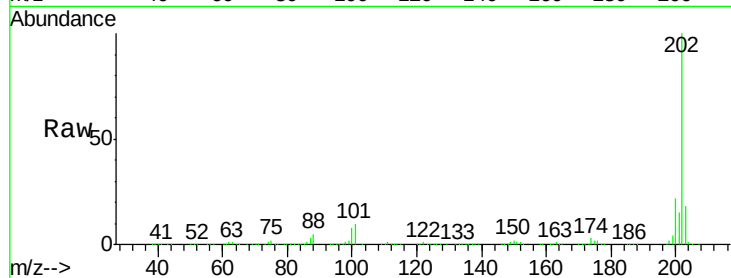




#75
Fluoranthene
Concen: 41.656 ng
RT: 12.63 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

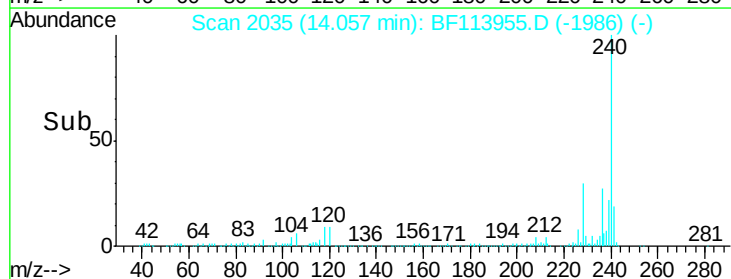
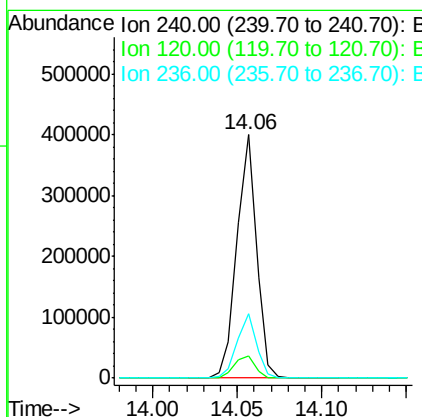
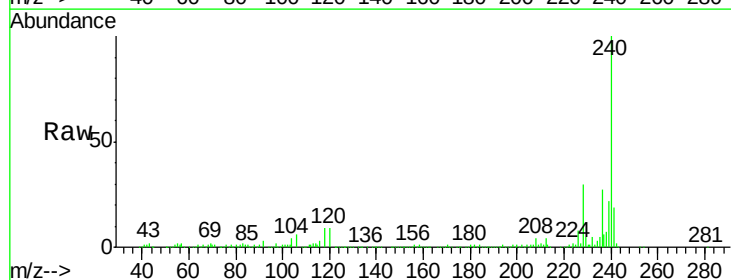
Instrument :
BNA_F
ClientSampleId :

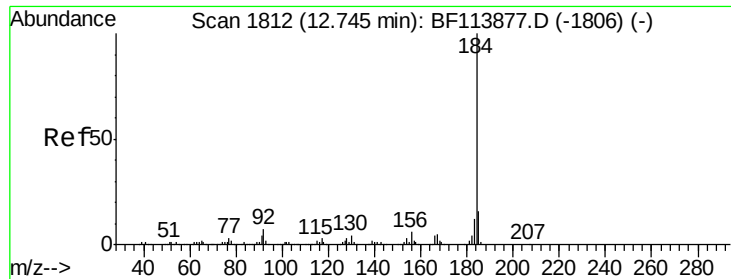
Tot Ion:202 Resp: 1180479
Ion Ratio Lower Upper
202 100
101 10.3 0.0 32.9
203 17.6 0.0 38.2



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion:240 Resp: 323282
Ion Ratio Lower Upper
240 100
120 9.0 9.3 13.9#
236 26.6 21.2 31.8





#77

Benzidine

Concen: 18.079 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

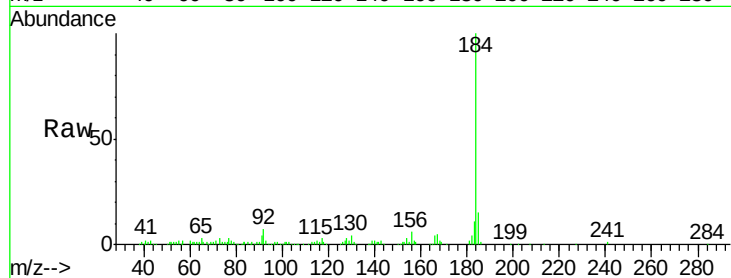
Tot Ion:184 Resp: 174146

Ion Ratio Lower Upper

184 100

185 15.0 13.0 19.6

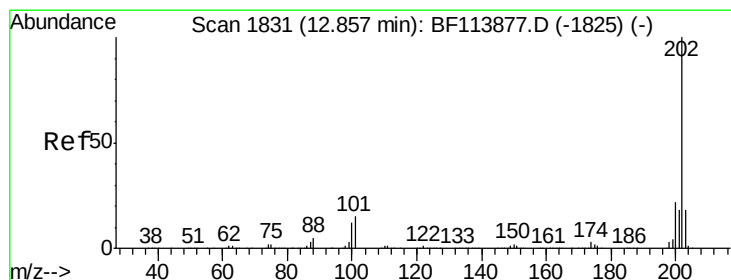
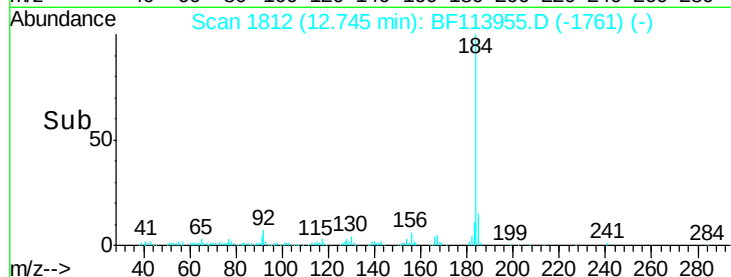
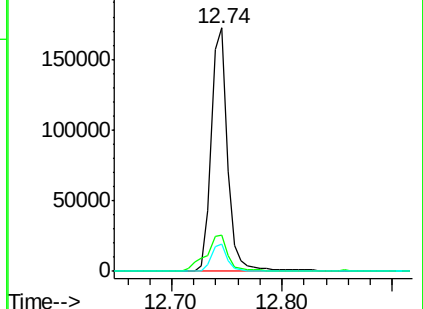
183 11.4 9.4 14.0



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: 51.104 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.00 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

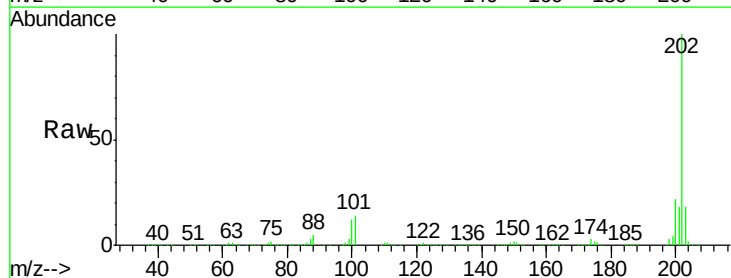
Tgt Ion:202 Resp: 1155345

Ion Ratio Lower Upper

202 100

200 22.0 17.7 26.5

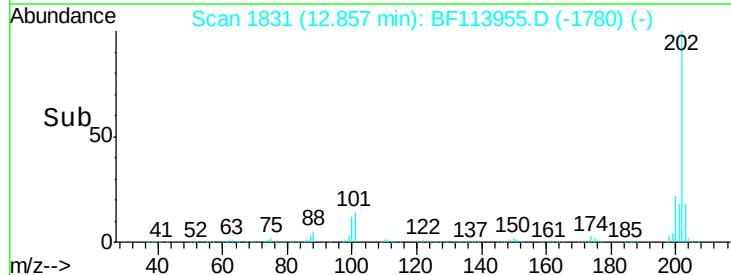
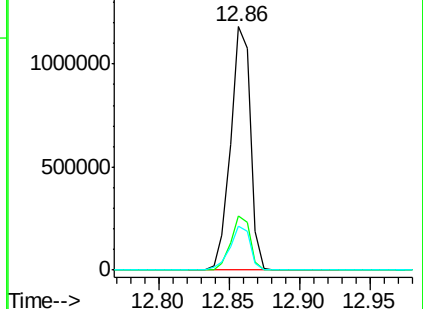
203 18.0 15.0 22.6

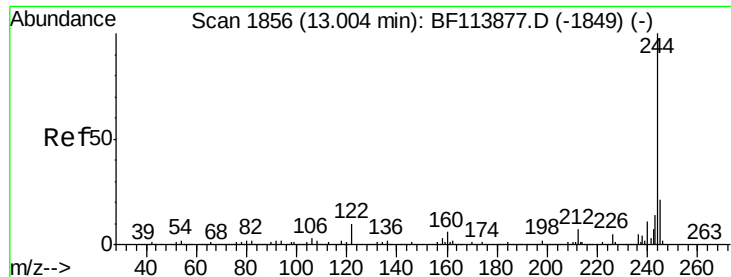


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

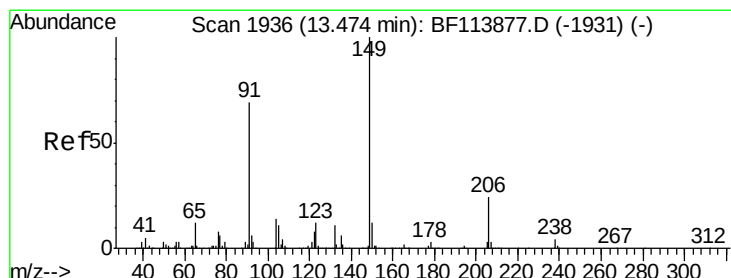
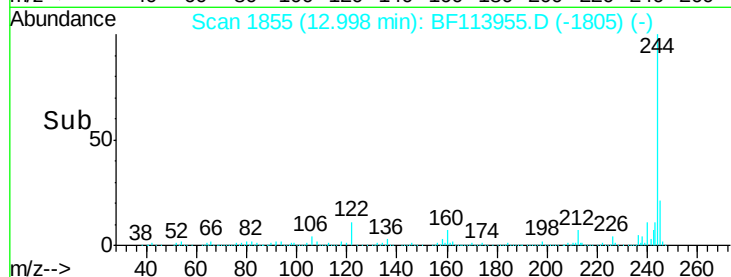
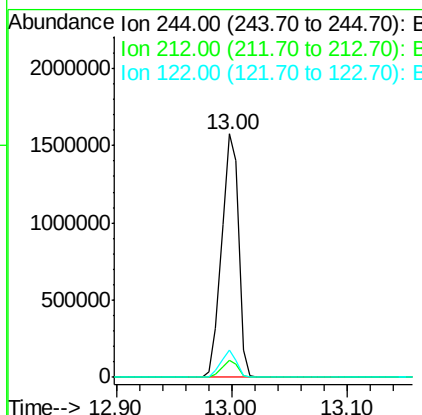
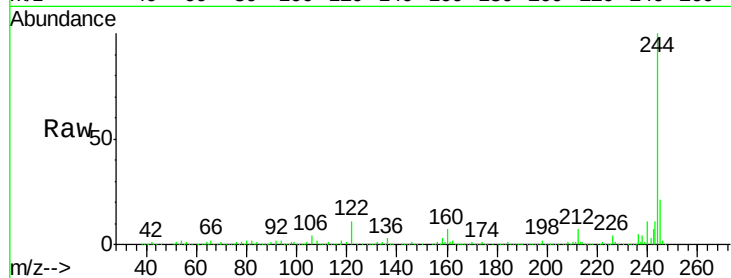




#79
 Terphenyl-d14
 Concen: 101.422 ng
 RT: 13.00 min Scan# 1856
 Delta R.T. -0.01 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

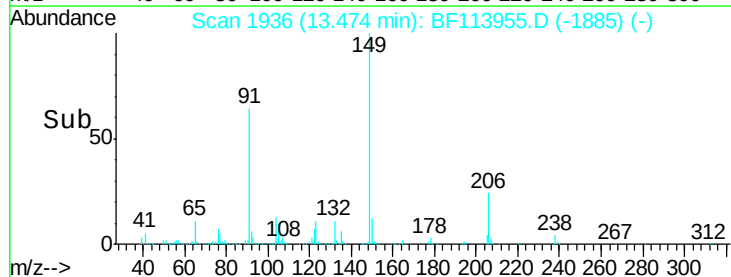
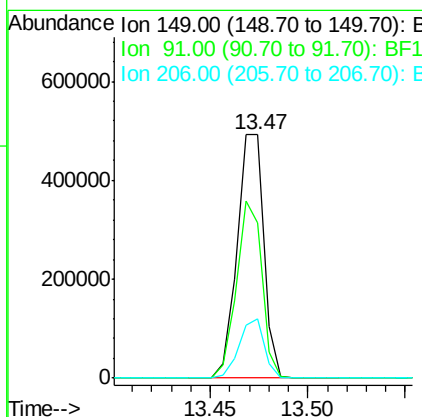
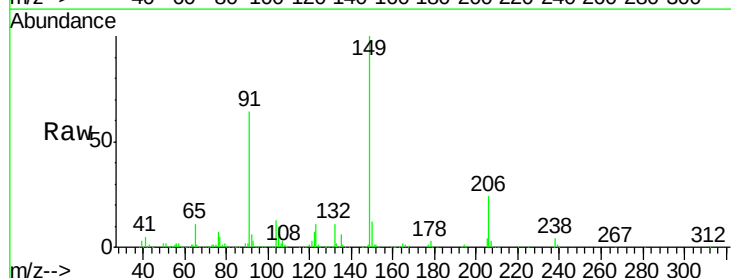
Instrument :
 BNA_F
 ClientSampleId :

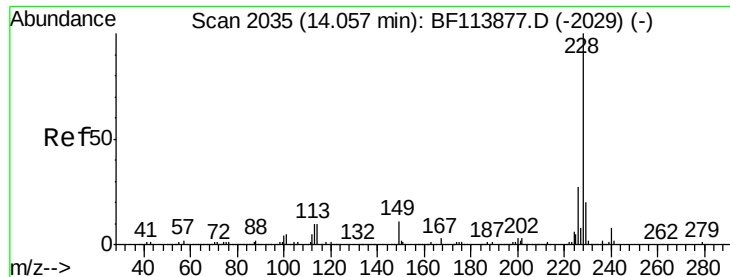
Tot Ion:244 Resp: 1599310
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.4 8.2
 122 11.1 7.6 11.4



#80
 Butylbenzylphthalate
 Concen: 52.660 ng
 RT: 13.47 min Scan# 1936
 Delta R.T. -0.00 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion:149 Resp: 468410
 Ion Ratio Lower Upper
 149 100
 91 63.8 56.3 84.5
 206 24.4 19.0 28.6

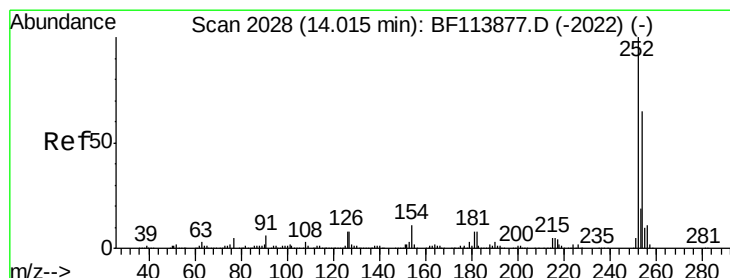
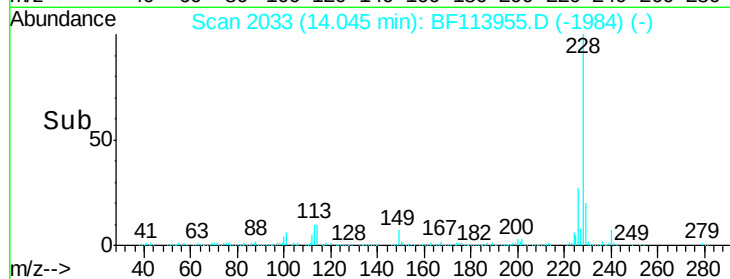
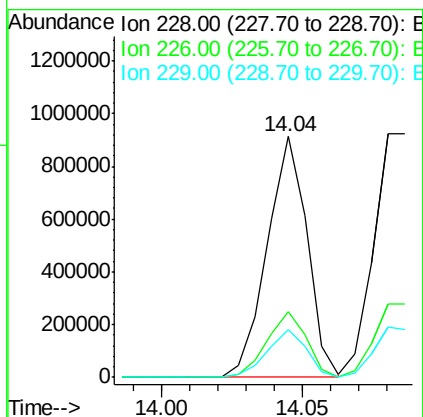
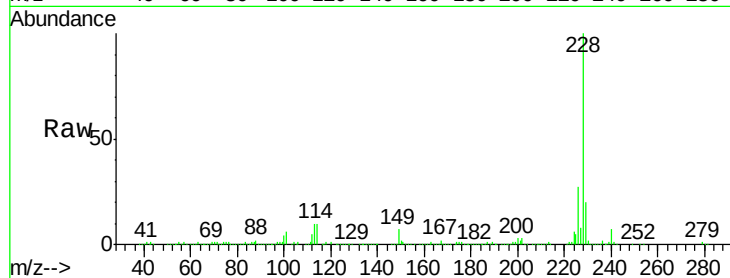




#81
Benzo(a)anthracene
Concen: 46.976 ng
RT: 14.04 min Scan# 2033
Delta R.T. -0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

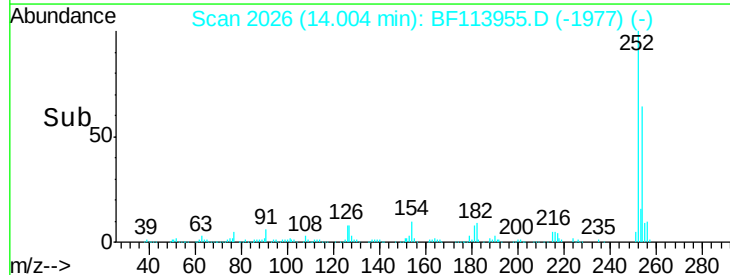
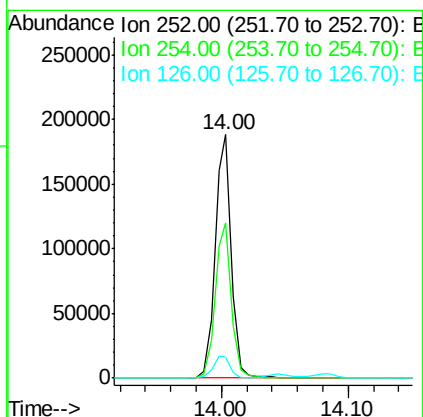
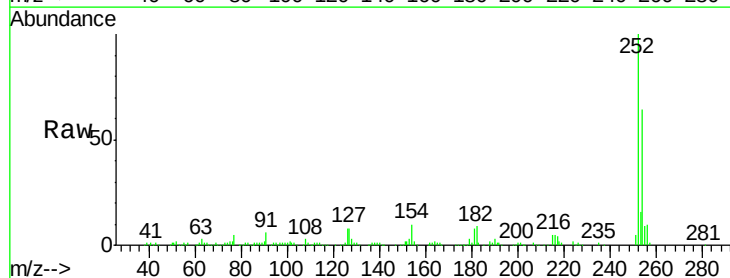
Instrument :
BNA_F
ClientSampleId :

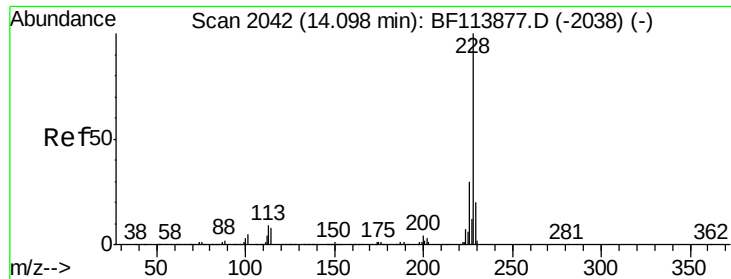
Tot Ion:228 Resp: 894766
Ion Ratio Lower Upper
228 100
226 27.4 22.2 33.2
229 20.0 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 24.258 ng
RT: 14.00 min Scan# 2026
Delta R.T. -0.01 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion:252 Resp: 169355
Ion Ratio Lower Upper
252 100
254 63.9 52.1 78.1
126 8.5 9.3 13.9#

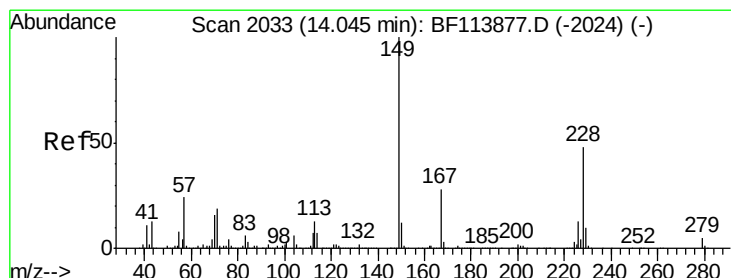
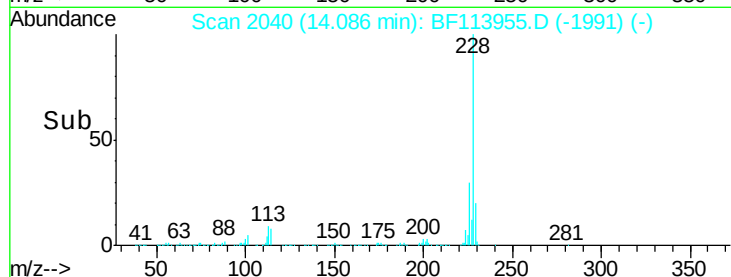
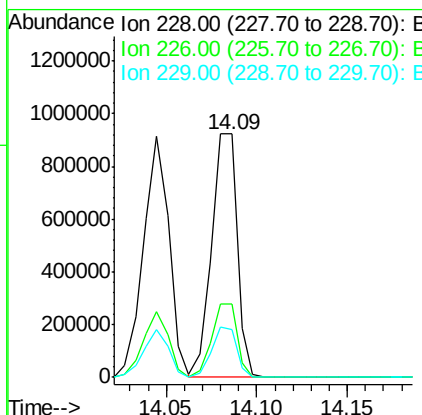
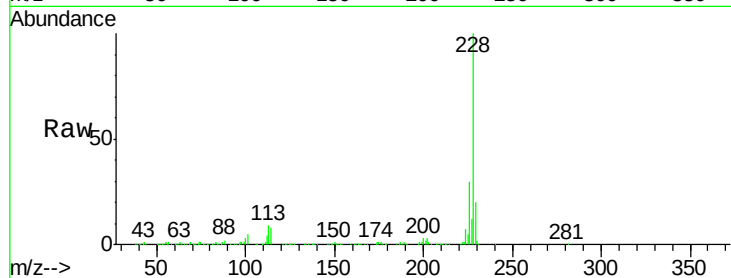




#83
 Chrvsene
 Concen: 48.878 ng
 RT: 14.09 min Scan# 2040
 Delta R.T. -0.01 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

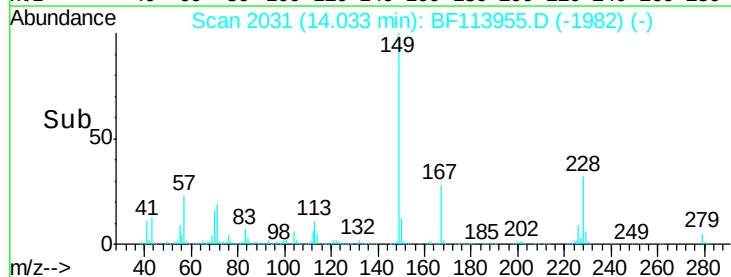
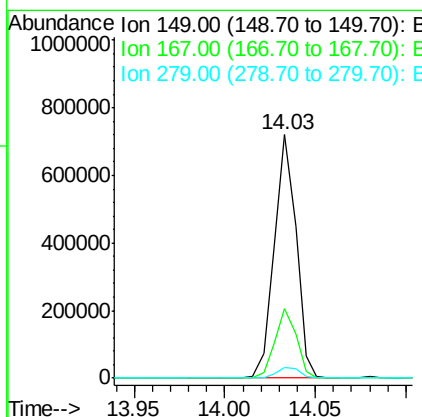
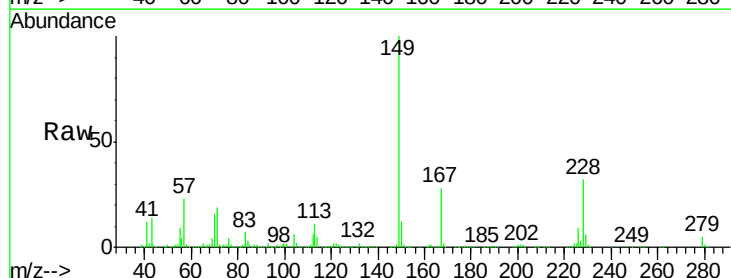
Instrument :
 BNA_F
 ClientSampleId :

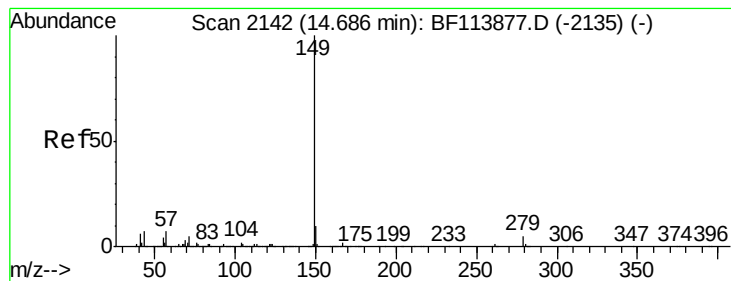
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.2	37.8
229	19.8	16.7	25.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 53.467 ng
 RT: 14.03 min Scan# 2031
 Delta R.T. -0.01 min
 Lab File: BF113955.D
 Acq: 24 Apr 2019 12:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	28.5	22.9	34.3
279	4.6	4.2	6.2





#85

Di-n-octyl phthalate

Concen: 51.945 ng

RT: 14.65 min Scan# 2136

Delta R.T. -0.04 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

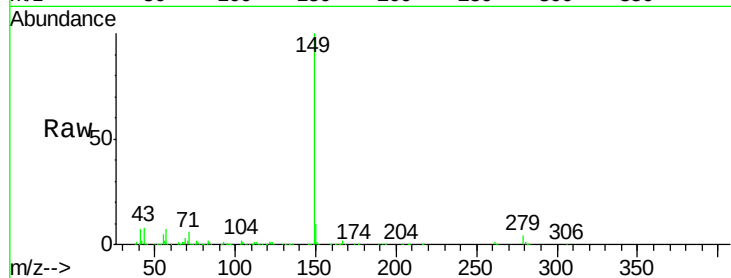
Tot Ion:149 Resp: 920147

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

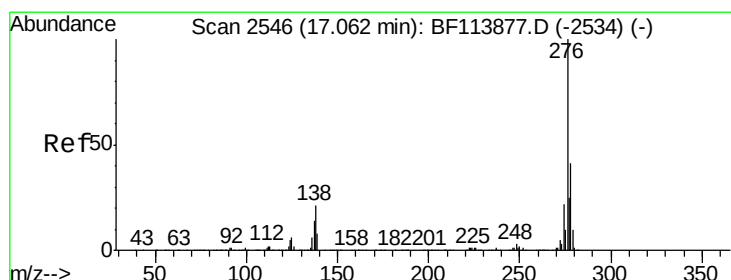
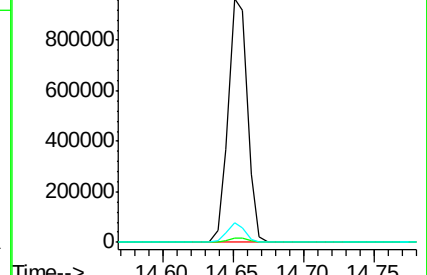
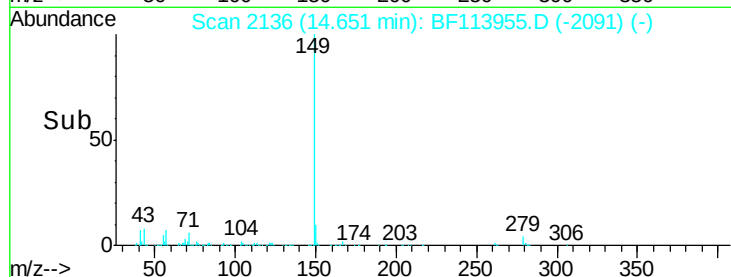
43 7.5 6.6 10.0



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: 68.329 ng

RT: 17.04 min Scan# 2542

Delta R.T. -0.02 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

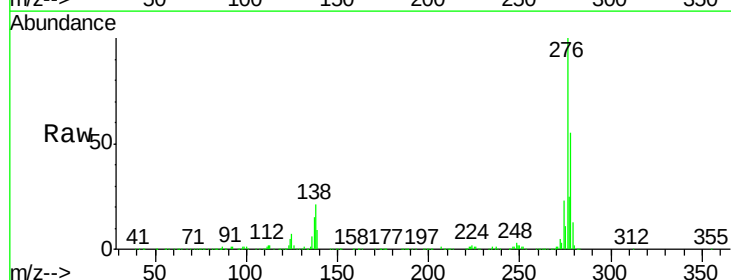
Tgt Ion:276 Resp: 1200629

Ion Ratio Lower Upper

276 100

138 22.7 19.6 29.4

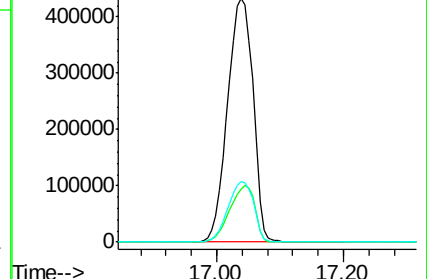
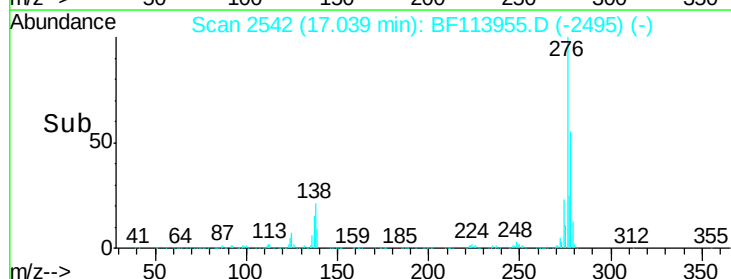
277 25.0 20.2 30.4

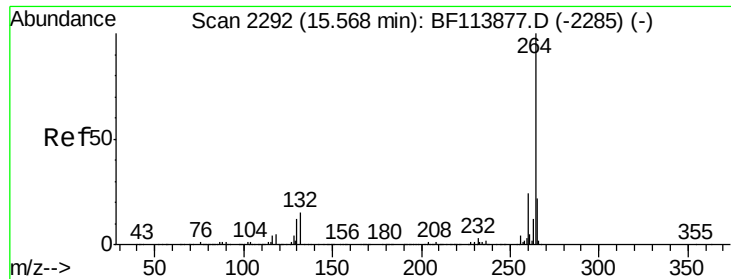


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.54 min Scan# 2287

Delta R.T. -0.03 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

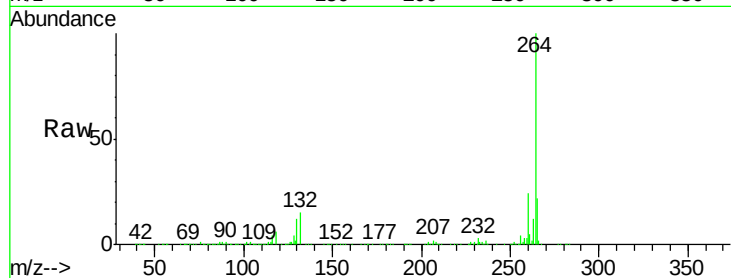
Tot Ion:264 Resp: 354927

Ion Ratio Lower Upper

264 100

260 24.0 18.9 28.3

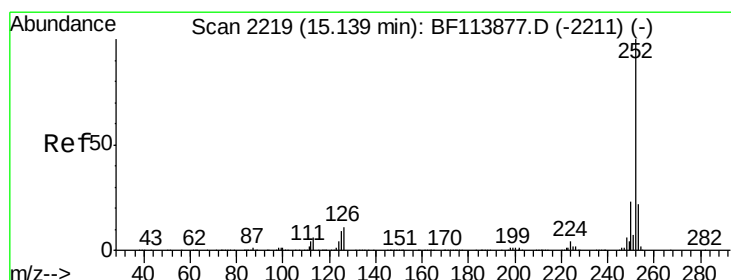
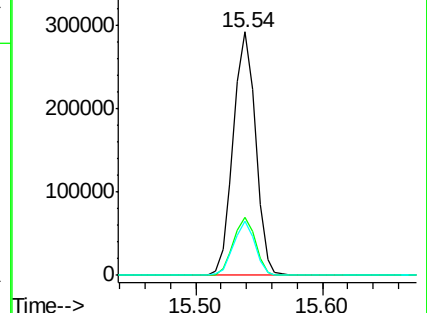
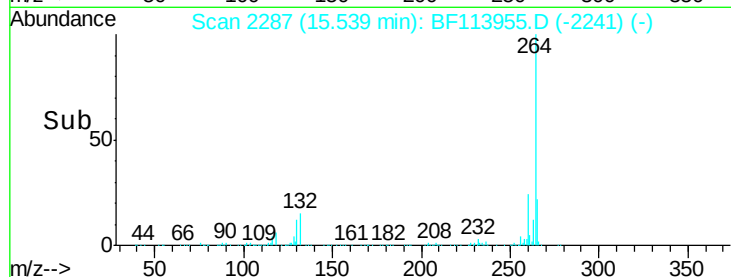
265 22.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 41.189 ng

RT: 15.11 min Scan# 2214

Delta R.T. -0.03 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

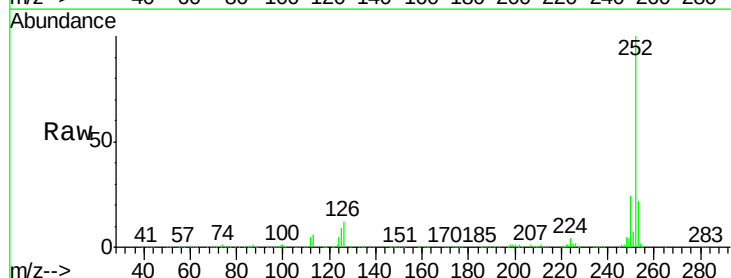
Tgt Ion:252 Resp: 924949

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

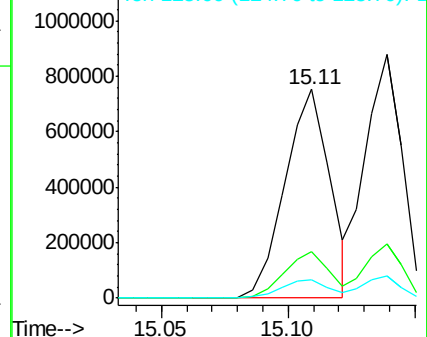
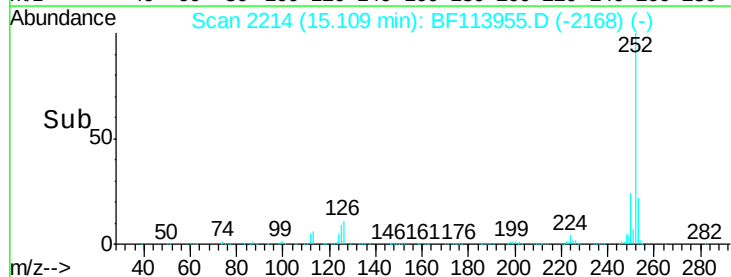
125 9.1 7.0 10.6

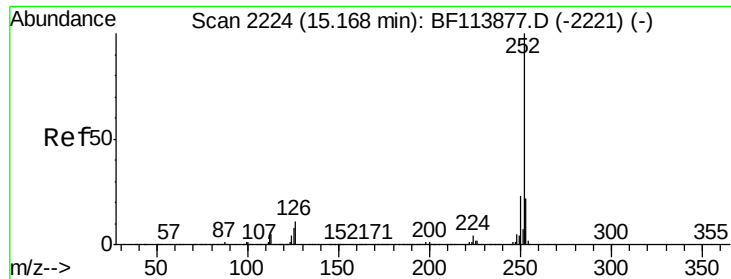


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

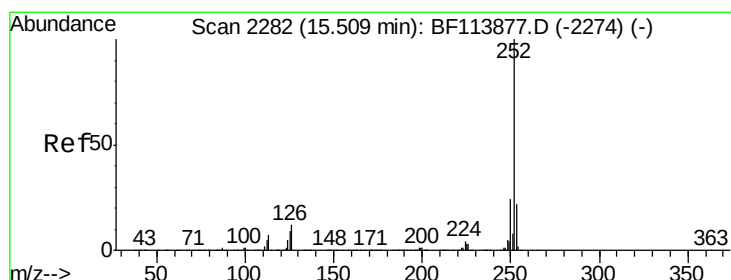
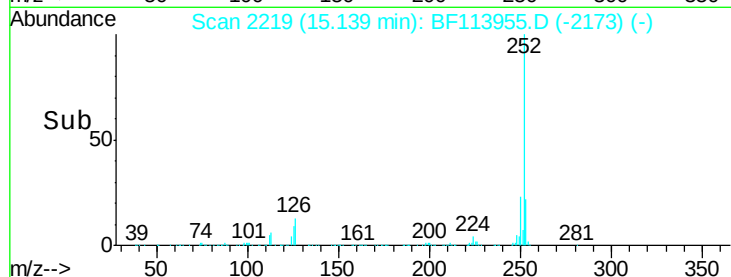
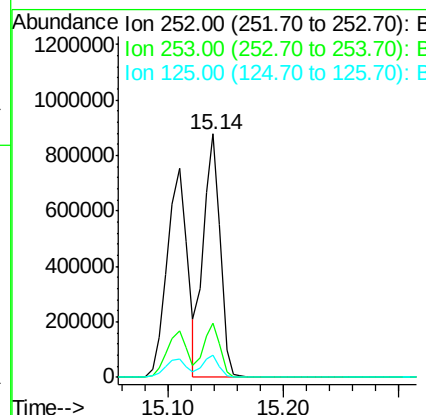
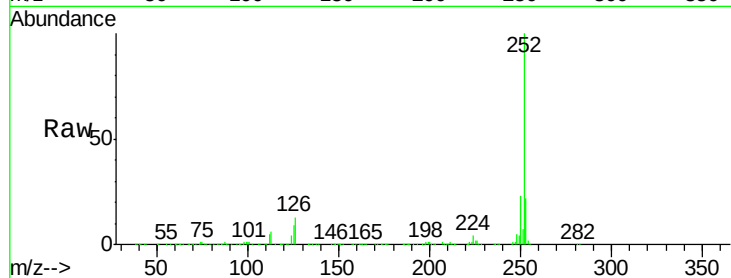




#89
Benzo(k)fluoranthene
Concen: 46.416 ng
RT: 15.14 min Scan# 2219
Delta R.T. -0.03 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

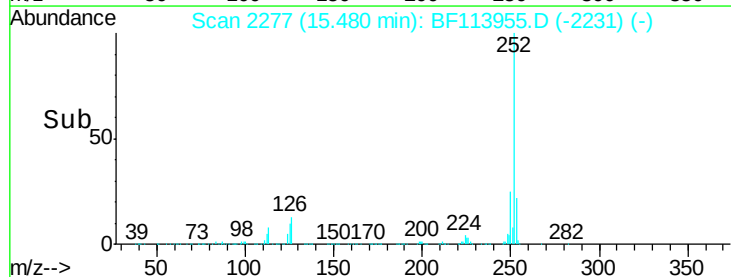
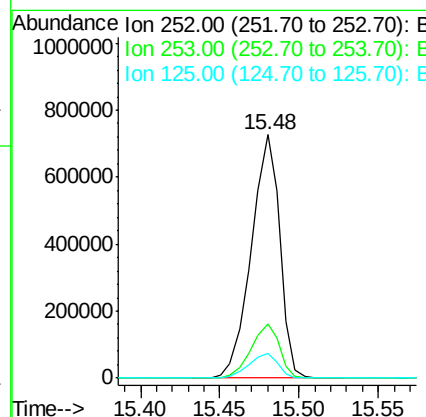
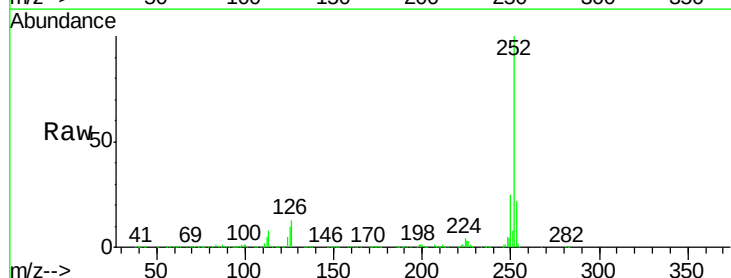
Instrument :
BNA_F
ClientSampled :

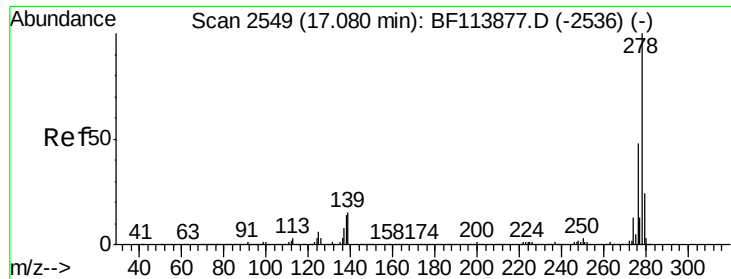
Tot Ion:252 Resp: 896572
Ion Ratio Lower Upper
252 100
253 22.2 18.2 27.2
125 9.1 7.4 11.2



#90
Benzo(a)pyrene
Concen: 46.787 ng
RT: 15.48 min Scan# 2277
Delta R.T. -0.03 min
Lab File: BF113955.D
Acq: 24 Apr 2019 12:31

Tgt Ion:252 Resp: 908752
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 10.2 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 53.972 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.02 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

Instrument :

BNA_F

ClientSampleId :

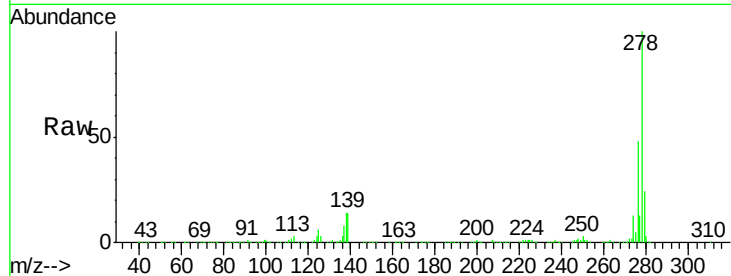
Tot Ion:278 Resp: 984076

Ion Ratio Lower Upper

278 100

139 13.9 11.6 17.4

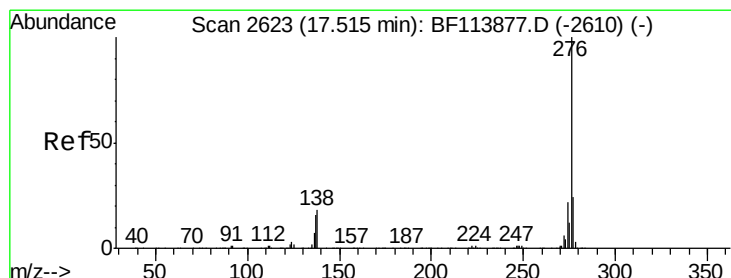
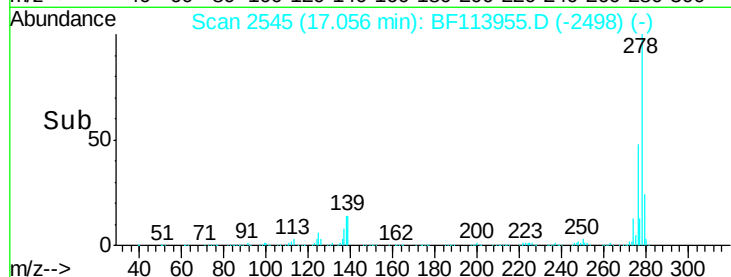
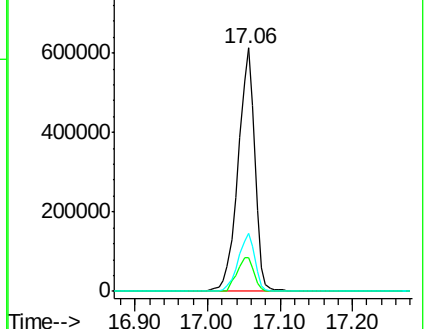
279 23.8 19.0 28.6



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: 56.267 ng

RT: 17.49 min Scan# 2619

Delta R.T. -0.02 min

Lab File: BF113955.D

Acq: 24 Apr 2019 12:31

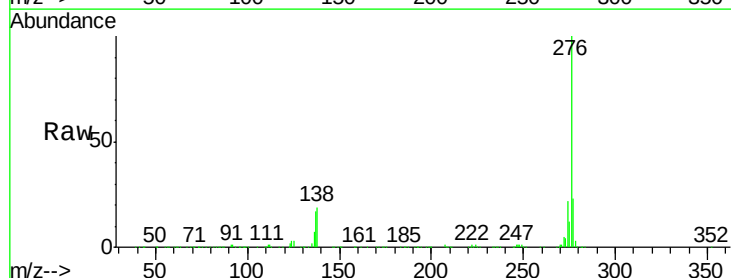
Tgt Ion:276 Resp: 1035316

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.4

138 19.3 16.6 25.0



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

