

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
 Data File : BF114075.D
 Acq On : 1 May 2019 18:13
 Operator : JU/SJ
 Sample : K2191-01MSRE
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 02 01:02:36 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	83623	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	302667	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	157760	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	292239	20.00	ng	0.00
76) Chrysene-d12	14.07	240	231245	20.00	ng	0.00
87) Perylene-d12	15.56	264	190969	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.52	112	551306	112.76	ng	0.00
7) Phenol-d6	6.53	99	722980	117.86	ng	0.01
23) Nitrobenzene-d5	7.46	82	405269	82.67	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	216835	112.83	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	849797	84.25	ng	0.00
79) Terphenyl-d14	13.00	244	900054	79.80	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.67	88	80069	34.741	ng	98
3) Pyridine	3.45	79	207328	32.957	ng	97
4) n-Nitrosodimethylamine	3.38	42	84001	39.007	ng	# 96
6) Aniline	6.56	93	135125	16.042	ng	96
8) 2-Chlorophenol	6.69	128	233234	41.783	ng	97
9) Benzaldehyde	6.44	77	46560	8.802	ng	96
10) Phenol	6.55	94	270195	36.836	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	218453	39.577	ng	97
12) 1,3-Dichlorobenzene	6.84	146	241899	38.263	ng	98
13) 1,4-Dichlorobenzene	6.92	146	237768	37.392	ng	99
14) 1,2-Dichlorobenzene	7.07	146	223069	38.171	ng	98
15) Benzyl Alcohol	7.03	79	180482	43.686	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	223103	34.625	ng	93
17) 2-Methylphenol	7.15	107	173272	35.412	ng	98
18) Hexachloroethane	7.41	117	52294	23.460	ng	97
19) n-Nitroso-di-n-propylamine	7.30	70	145685	36.674	ng	98
20) 3+4-Methylphenols	7.30	107	215904	39.055	ng	# 68
22) Acetophenone	7.30	105	296031	43.952	ng	# 93
24) Nitrobenzene	7.47	77	221621	40.916	ng	99
25) Isophorone	7.72	82	404933	40.371	ng	100
26) 2-Nitrophenol	7.79	139	94119	38.089	ng	96
27) 2,4-Dimethylphenol	7.83	122	186483	46.320	ng	97
28) bis(2-Chloroethoxy)methane	7.92	93	261720	40.948	ng	99
29) 2,4-Dichlorophenol	8.04	162	195801	42.530	ng	97
30) 1,2,4-Trichlorobenzene	8.12	180	205862	40.103	ng	98
31) Naphthalene	8.20	128	610558	42.464	ng	99
32) Benzoic acid	7.94	122	73726	27.117	ng	98
33) 4-Chloroaniline	8.25	127	83948	13.798	ng	97
34) Hexachlorobutadiene	8.32	225	121120	37.850	ng	98
35) Caprolactam	8.61	113	62593	42.740	ng	89
36) 4-Chloro-3-methylphenol	8.73	107	206824	45.345	ng	100
37) 2-Methylnaphthalene	8.89	142	455385	46.967	ng	99
38) 1-Methylnaphthalene	8.99	142	425150	45.431	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	227090	44.314	ng	98

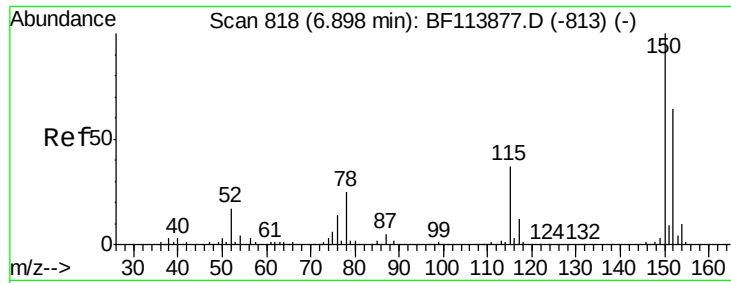
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF050119\
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 QLast Update : Tue Apr 23 03:32:35 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	8859	3.100	ng	95
43) 2,4,6-Trichlorophenol	9.17	196	153027	47.026	ng	99
44) 2,4,5-Trichlorophenol	9.22	196	160698	44.028	ng	97
46) 1,1'-Biphenyl	9.36	154	511002	42.401	ng	98
47) 2-Chloronaphthalene	9.38	162	404135	41.236	ng	97
48) 2-Nitroaniline	9.47	65	122940	47.851	ng	89
49) Acenaphthylene	9.80	152	605990	39.496	ng	97
50) Dimethylphthalate	9.65	163	581726	50.986	ng	100
51) 2,6-Dinitrotoluene	9.72	165	96671	39.494	ng	95
52) Acenaphthene	9.97	154	349807	38.578	ng	98
53) 3-Nitroaniline	9.88	138	79472	30.897	ng	98
54) 2,4-Dinitrophenol	9.99	184	5740	13.175	ng	# 7
55) Dibenzofuran	10.14	168	557009	41.009	ng	98
56) 4-Nitrophenol	10.05	139	163308	80.188	ng	95
57) 2,4-Dinitrotoluene	10.12	165	118052	38.209	ng	97
58) Fluorene	10.49	166	416051	40.686	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	128261	39.988	ng	99
60) Diethylphthalate	10.35	149	470307	43.408	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	225688	41.674	ng	98
62) 4-Nitroaniline	10.49	138	109592	43.661	ng	99
63) Azobenzene	10.63	77	393550	37.478	ng	98
65) 4,6-Dinitro-2-methylphenol	10.53	198	6069	11.149	ng	77
66) n-Nitrosodiphenylamine	10.59	169	387162	44.153	ng	98
67) 4-Bromophenyl-phenylether	10.96	248	142521	40.370	ng	98
68) Hexachlorobenzene	11.04	284	150189	38.713	ng	99
69) Atrazine	11.12	200	120496	42.242	ng	100
70) Pentachlorophenol	11.23	266	155001	70.566	ng	97
71) Phenanthrene	11.45	178	608437	41.428	ng	98
72) Anthracene	11.50	178	672652	45.354	ng	98
73) Carbazole	11.65	167	639877	48.360	ng	99
74) Di-n-butylphthalate	11.98	149	799427	51.362	ng	98
75) Fluoranthene	12.65	202	663478	41.407	ng	98
77) Benzidine	12.75	184	111866	16.236	ng	98
78) Pyrene	12.87	202	663785	41.047	ng	98
80) Butylbenzylphthalate	13.47	149	291297	45.783	ng	96
81) Benzo(a)anthracene	14.06	228	576299	42.299	ng	98
82) 3,3'-Dichlorobenzidine	14.01	252	153891	30.816	ng	98
83) Chrysene	14.09	228	557827	42.040	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	442859	54.707	ng	99
85) Di-n-octyl phthalate	14.66	149	798959	63.055	ng	99
86) Indeno(1,2,3-cd)pyrene	17.07	276	433330	34.477	ng	98
88) Benzo(b)fluoranthene	15.12	252	550312	45.546	ng	99
89) Benzo(k)fluoranthene	15.15	252	446040	42.917	ng	99
90) Benzo(a)pyrene	15.50	252	420507	40.237	ng	99
91) Dibenzo(a,h)anthracene	17.08	278	377253	38.455	ng	99
92) Benzo(g,h,i)perylene	17.52	276	348829	35.234	ng	99

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

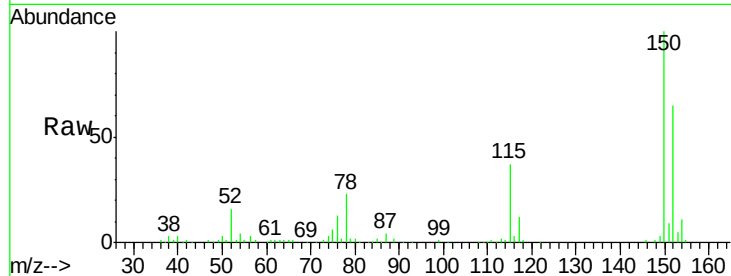


#1

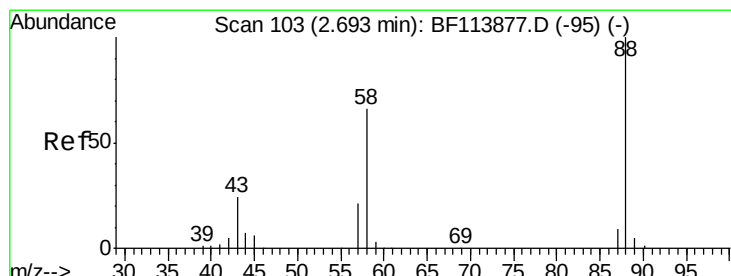
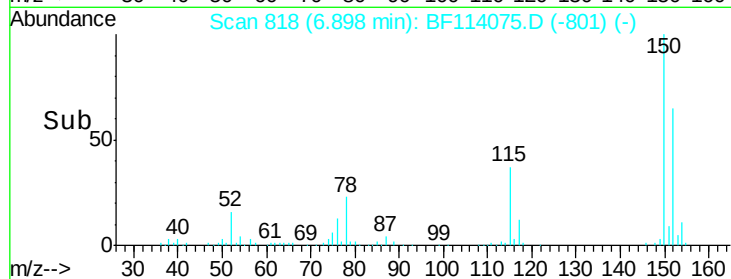
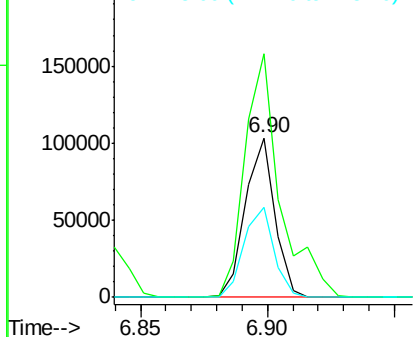
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. 0.00 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 83623
Ion Ratio Lower Upper
152 100
150 152.7 125.9 188.9
115 56.3 45.9 68.9



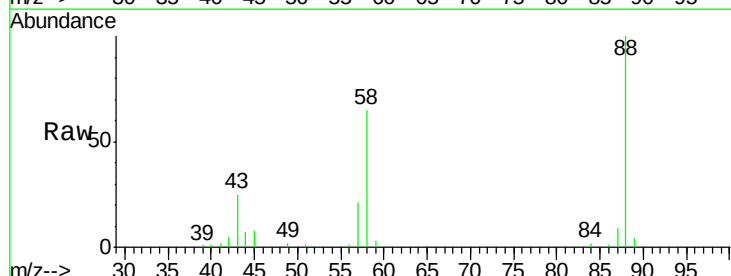
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



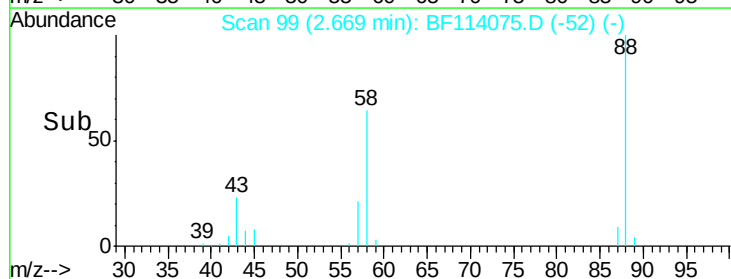
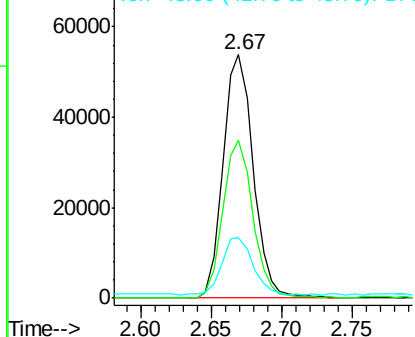
#2

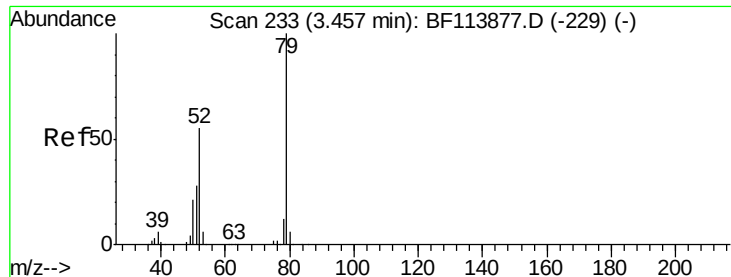
1,4-Dioxane
Concen: 34.741 ng
RT: 2.67 min Scan# 99
Delta R.T. -0.02 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Tgt Ion: 88 Resp: 80069
Ion Ratio Lower Upper
88 100
58 64.7 53.3 79.9
43 24.1 19.0 28.4



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





#3

Pvridine

Concen: 32.957 ng

RT: 3.45 min Scan# 231

Delta R.T. -0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

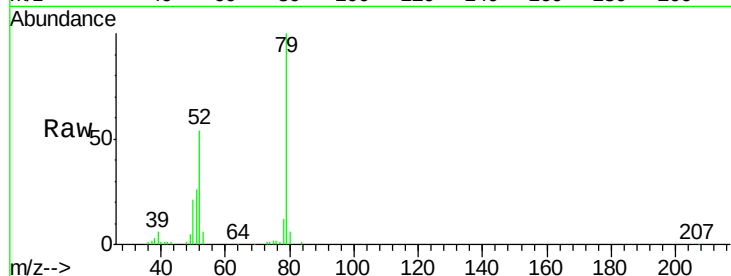
Tot Ion: 79 Resp: 207328

Ion Ratio Lower Upper

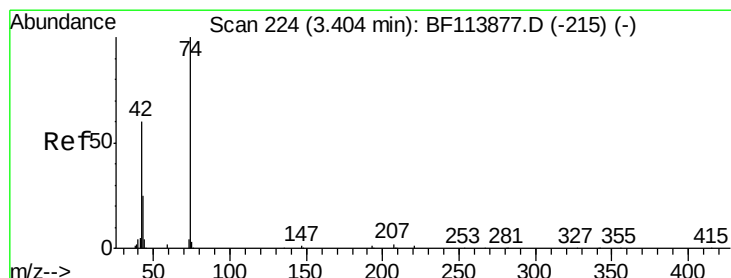
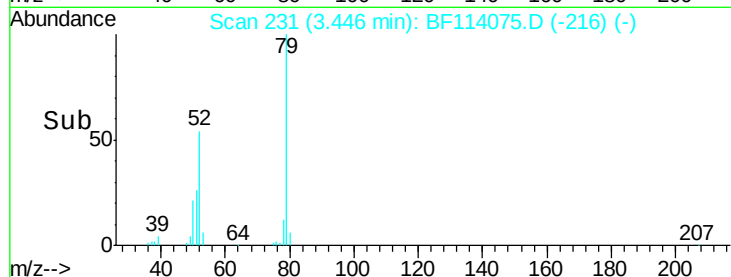
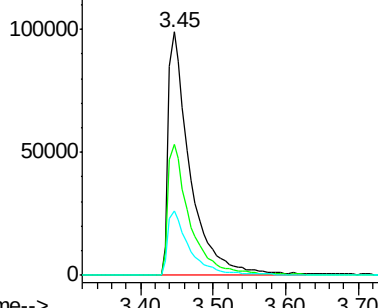
79 100

52 54.0 45.3 67.9

51 26.3 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: 39.007 ng

RT: 3.38 min Scan# 219

Delta R.T. -0.03 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

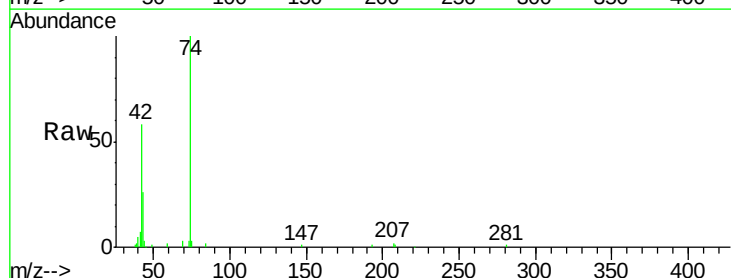
Tgt Ion: 42 Resp: 84001

Ion Ratio Lower Upper

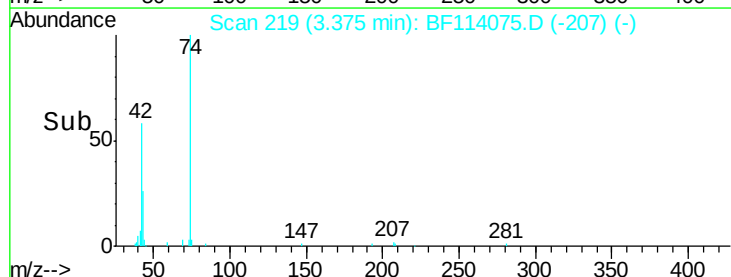
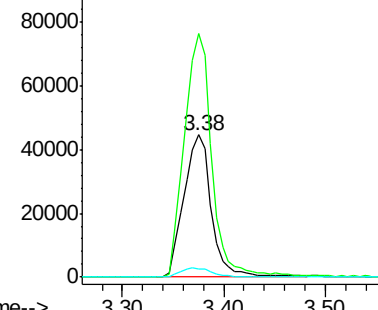
42 100

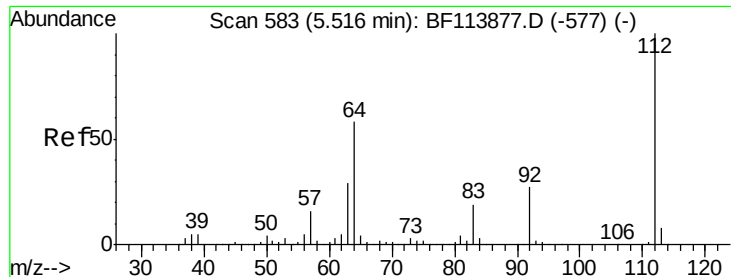
74 171.1 132.6 198.8

44 5.6 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: 112.760 ng

RT: 5.52 min Scan# 584

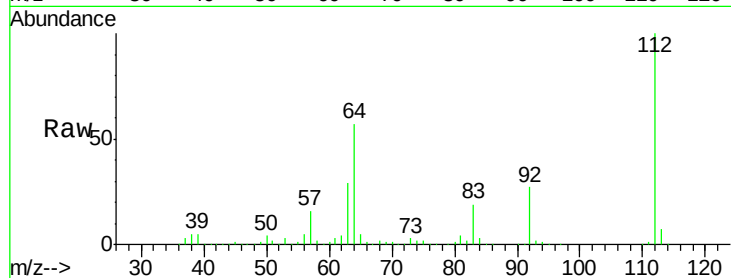
Delta R.T. 0.01 min

Lab File: BF114075.D

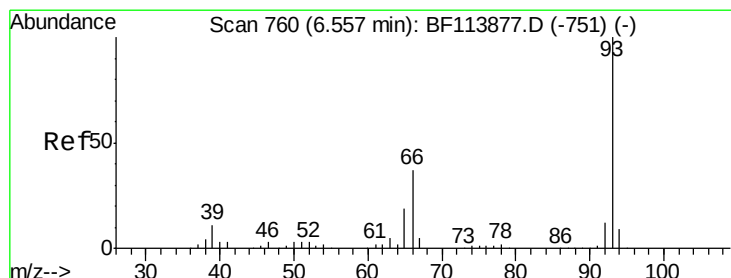
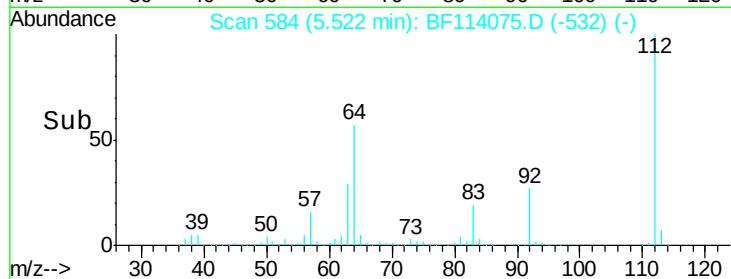
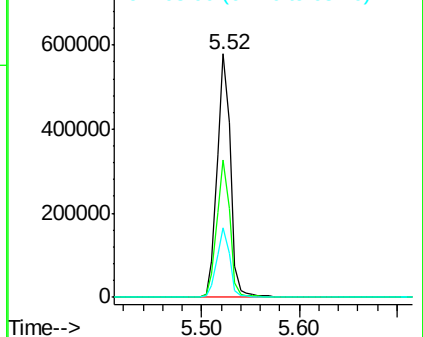
Acq: 1 May 2019 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	112	Resp:	551306
Ion	Ratio	Lower	Upper
112	100		
64	56.7	46.6	69.8
63	28.7	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: 16.042 ng

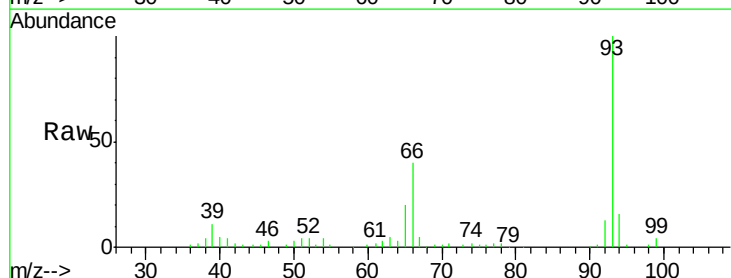
RT: 6.56 min Scan# 760

Delta R.T. 0.00 min

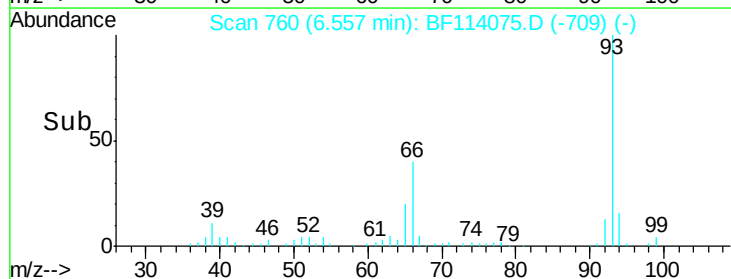
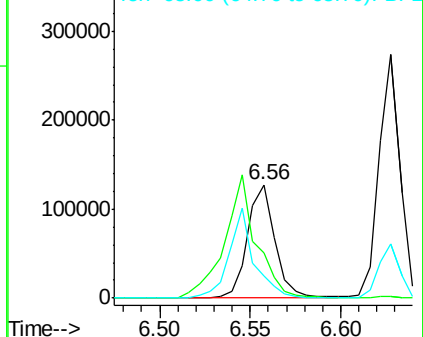
Lab File: BF114075.D

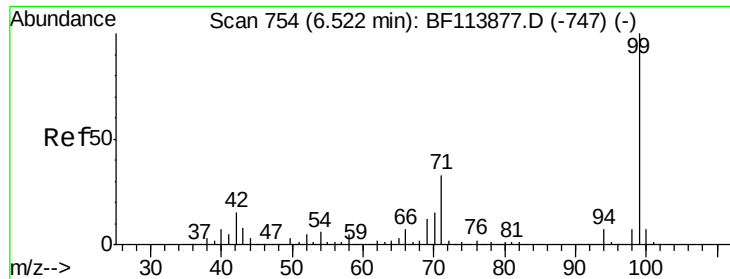
Acq: 1 May 2019 18:13

Tgt Ion:	93	Resp:	135125
Ion	Ratio	Lower	Upper
93	100		
66	39.9	29.8	44.6
65	20.0	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: 117.862 ng

RT: 6.53 min Scan# 756

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

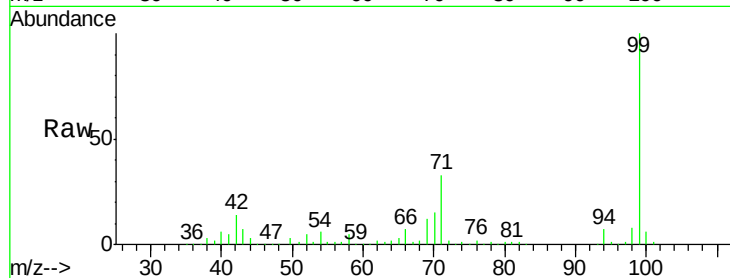
Tot Ion: 99 Resp: 722980

Ion Ratio Lower Upper

99 100

42 14.3 12.5 18.7

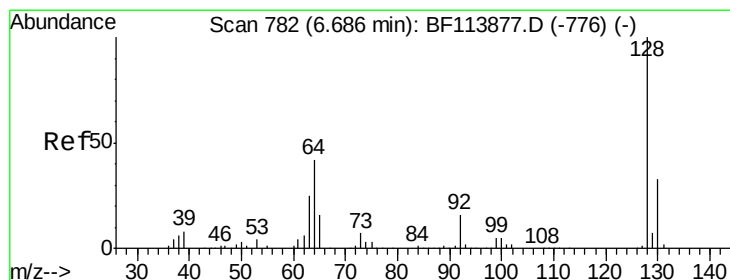
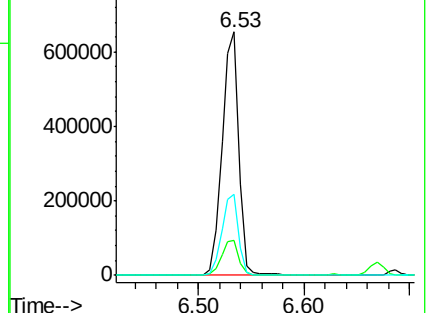
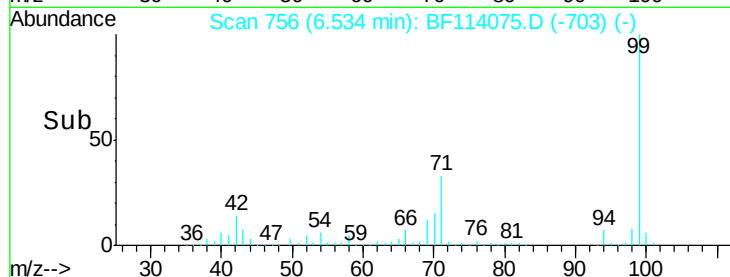
71 33.1 26.9 40.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.783 ng

RT: 6.69 min Scan# 782

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

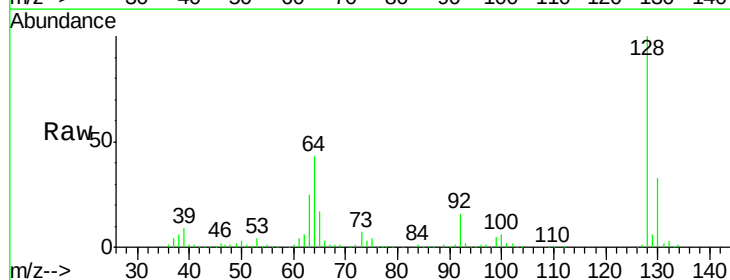
Tgt Ion: 128 Resp: 233234

Ion Ratio Lower Upper

128 100

130 33.3 12.3 52.3

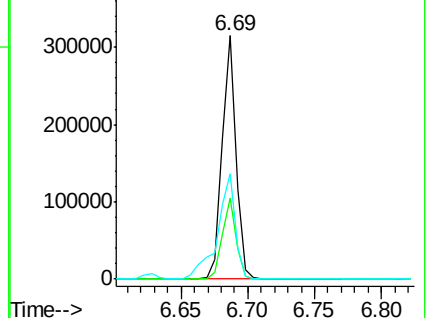
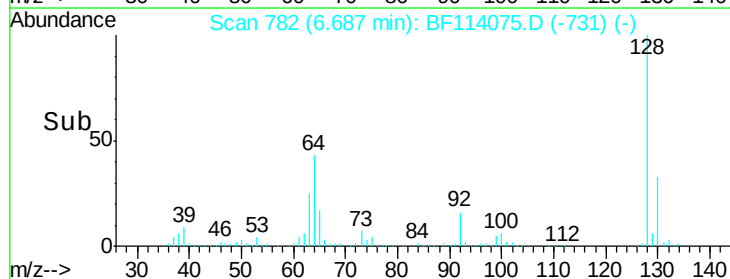
64 43.1 26.1 66.1

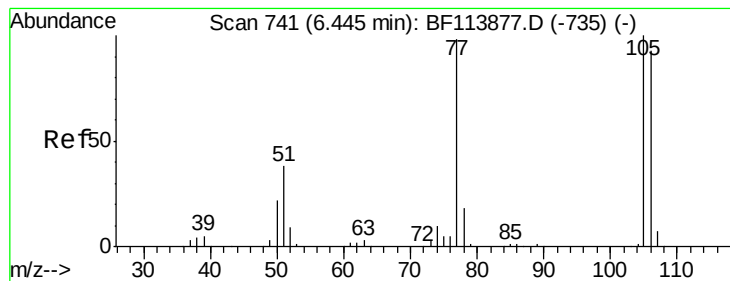


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 8.802 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

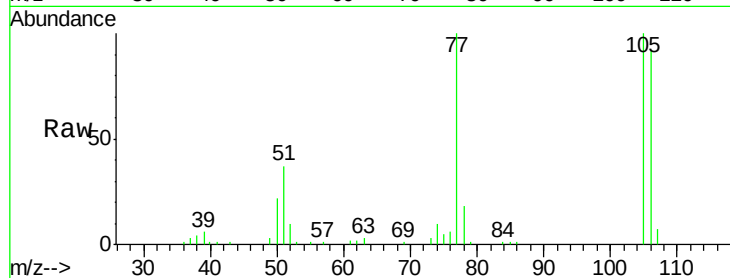
Tot Ion: 77 Resp: 46560

Ion Ratio Lower Upper

77 100

105 100.0 74.1 114.1

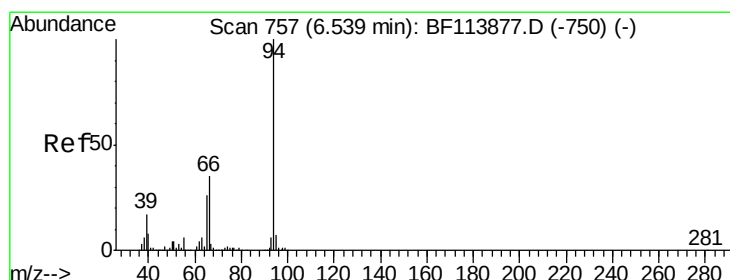
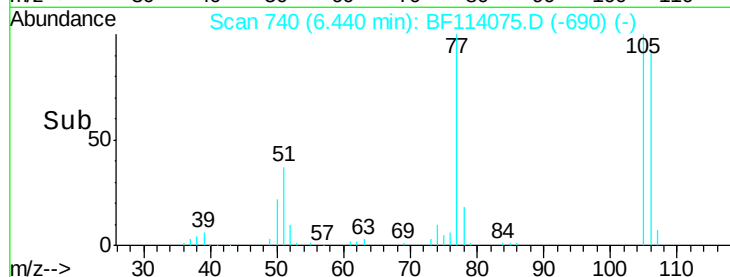
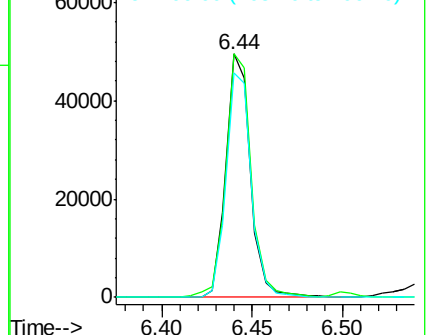
106 92.0 70.3 110.3



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 36.836 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

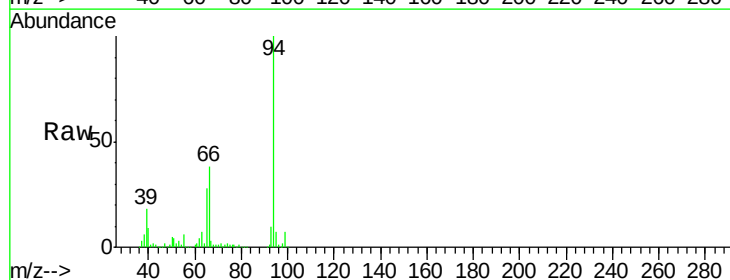
Tgt Ion: 94 Resp: 270195

Ion Ratio Lower Upper

94 100

65 27.6 8.1 48.1

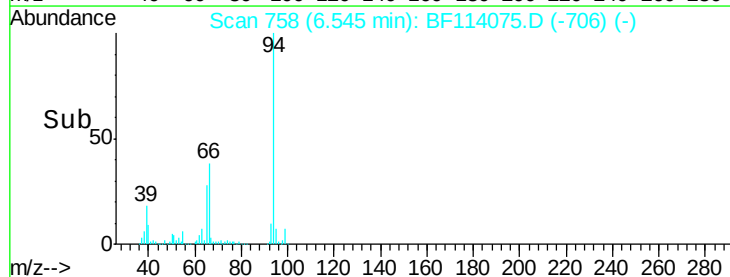
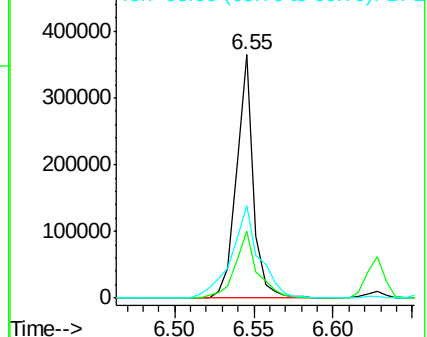
66 37.9 16.6 56.6

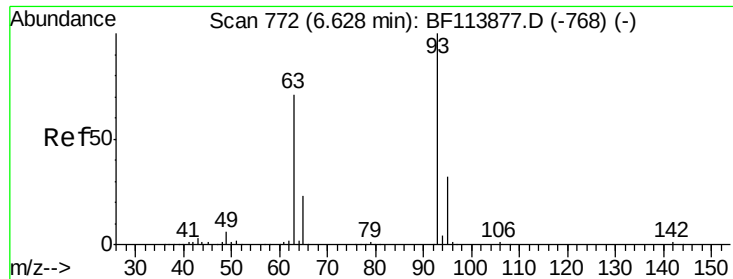


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 39.577 ng

RT: 6.63 min Scan# 772

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

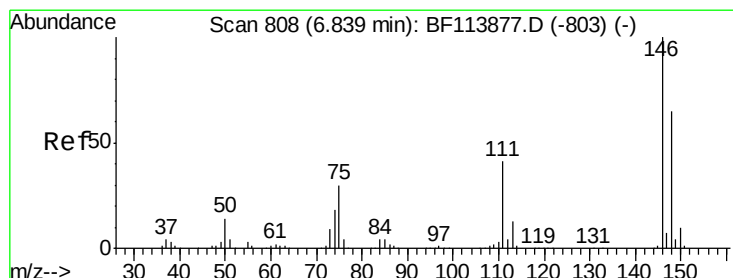
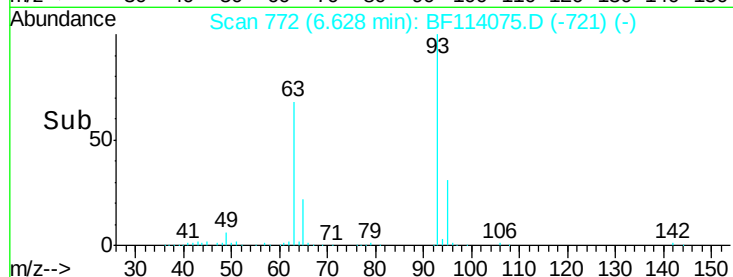
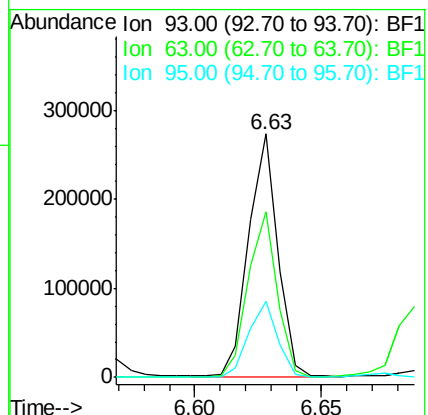
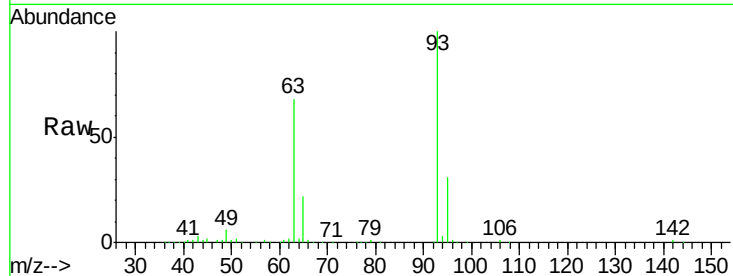
Tot Ion: 93 Resp: 218453

Ion Ratio Lower Upper

93 100

63 68.0 50.7 90.7

95 31.5 12.3 52.3



#12

1,3-Dichlorobenzene

Concen: 38.263 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

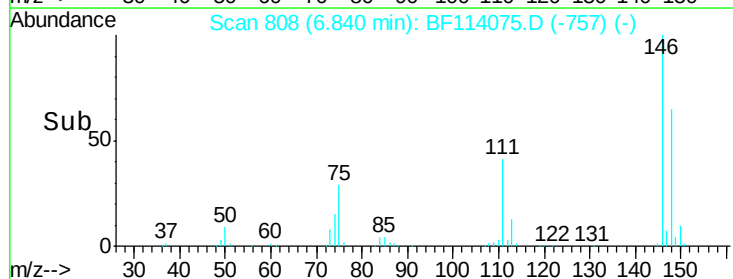
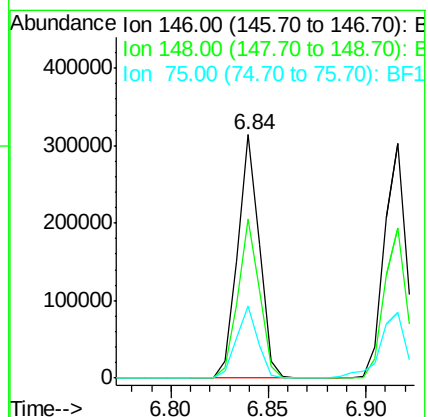
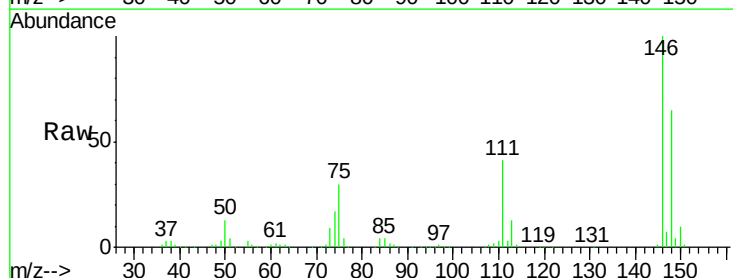
Tgt Ion: 146 Resp: 241899

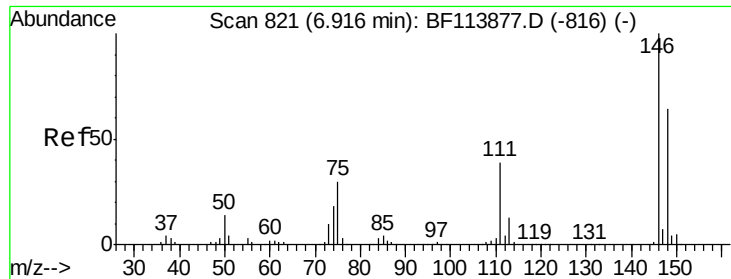
Ion Ratio Lower Upper

146 100

148 65.4 51.0 76.6

75 29.5 23.8 35.8

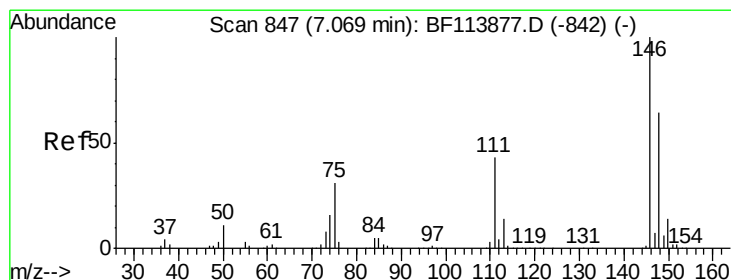
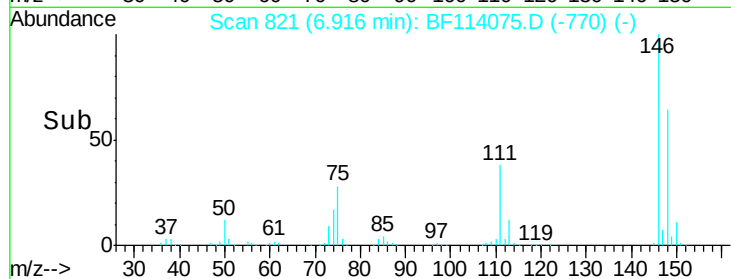
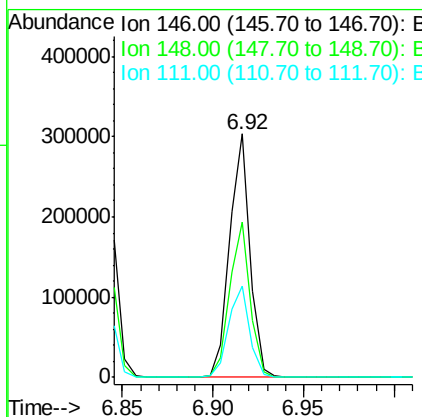
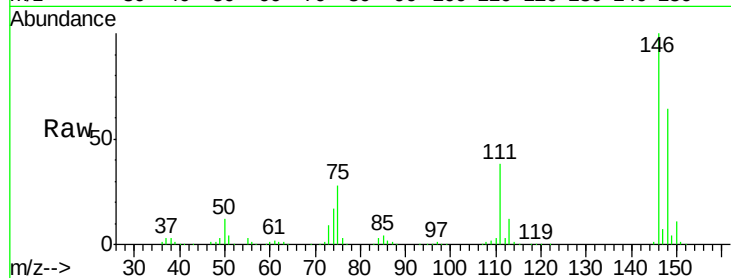




#13
 1,4-Dichlorobenzene
 Concen: 37.392 ng
 RT: 6.92 min Scan# 821
 Delta R.T. 0.00 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

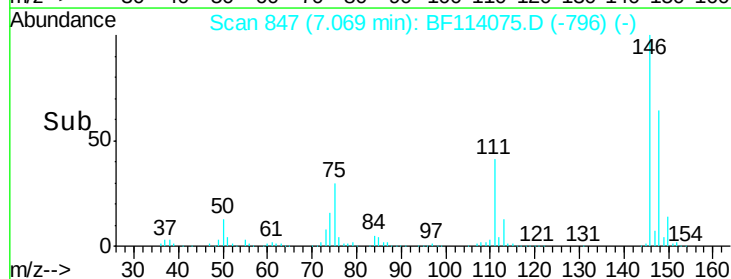
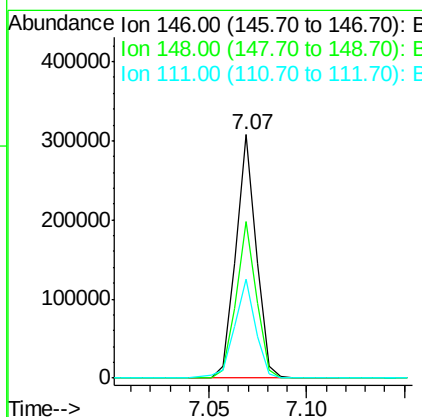
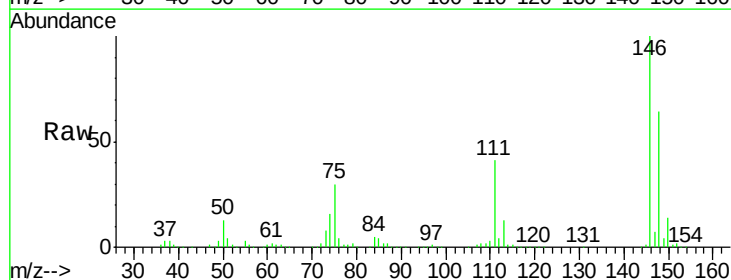
Instrument :
 BNA_F
 ClientSampleId :

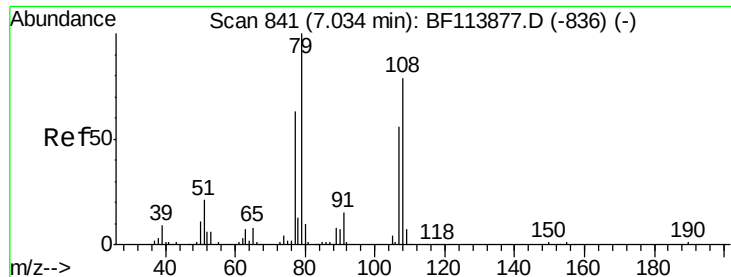
Tot Ion:146 Resp: 237768
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.8 77.8
 111 37.6 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 38.171 ng
 RT: 7.07 min Scan# 847
 Delta R.T. 0.00 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

Tgt Ion:146 Resp: 223069
 Ion Ratio Lower Upper
 146 100
 148 64.1 52.1 78.1
 111 40.9 34.2 51.4





#15

Benzyl Alcohol

Concen: 43.686 ng

RT: 7.03 min Scan# 841

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampled :

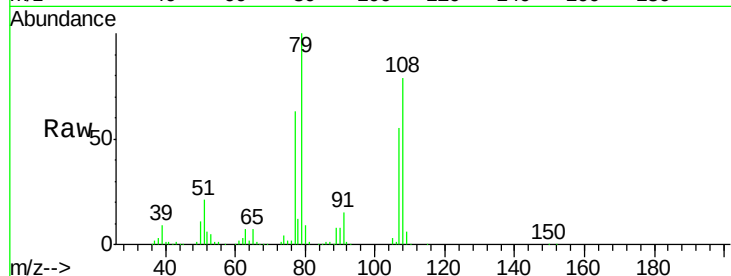
Tot Ion: 79 Resp: 180482

Ion Ratio Lower Upper

79 100

108 78.6 61.4 92.0

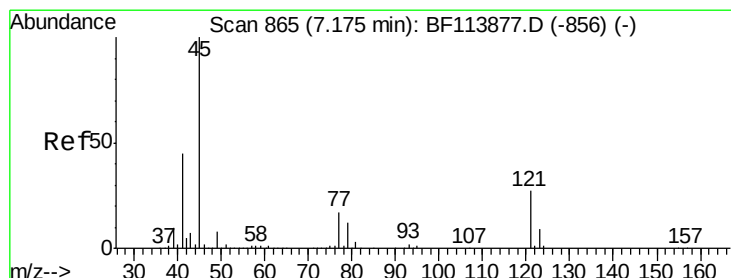
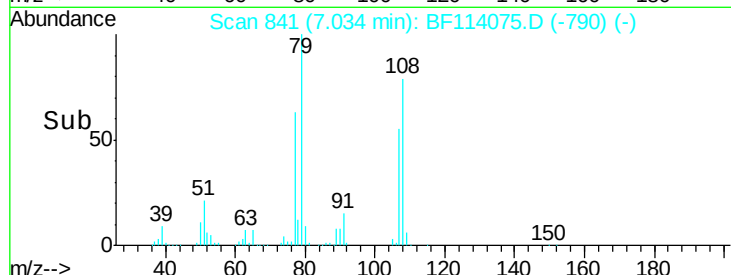
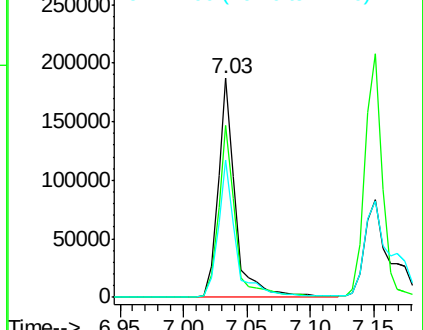
77 62.9 51.6 77.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 34.625 ng

RT: 7.17 min Scan# 864

Delta R.T. -0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

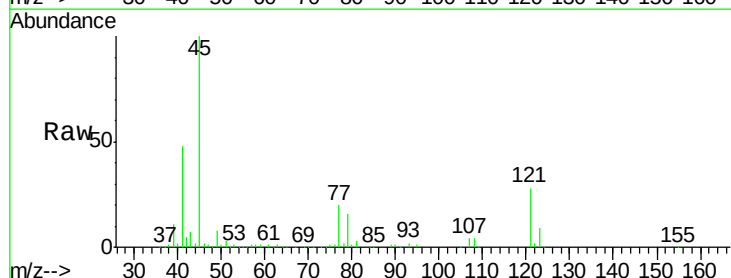
Tgt Ion: 45 Resp: 223103

Ion Ratio Lower Upper

45 100

77 20.1 0.0 37.0

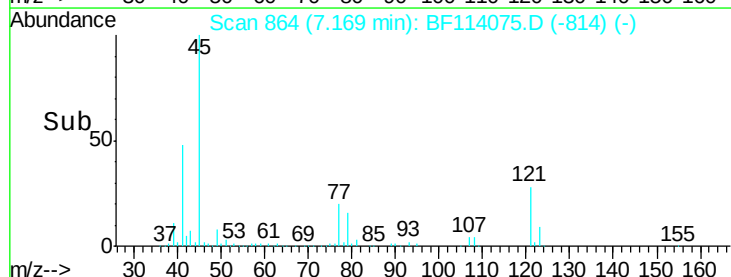
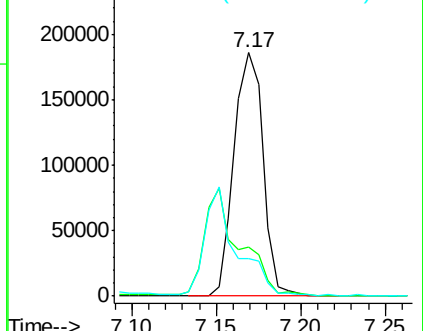
79 15.7 0.0 32.7

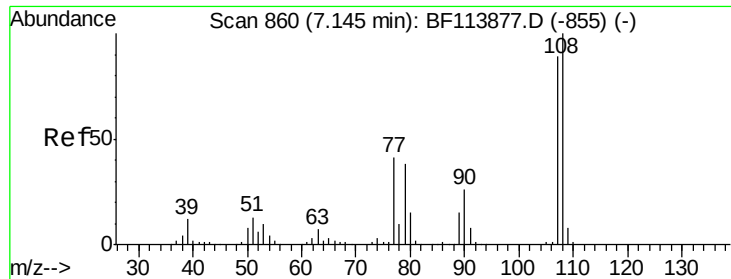


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

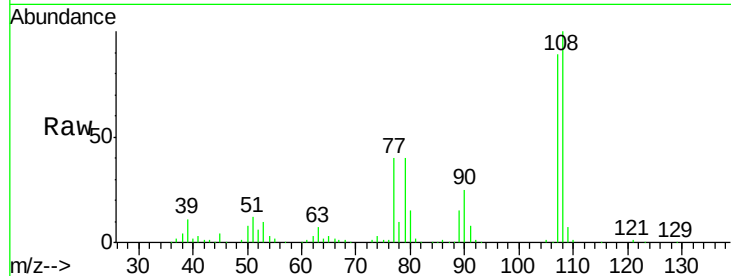




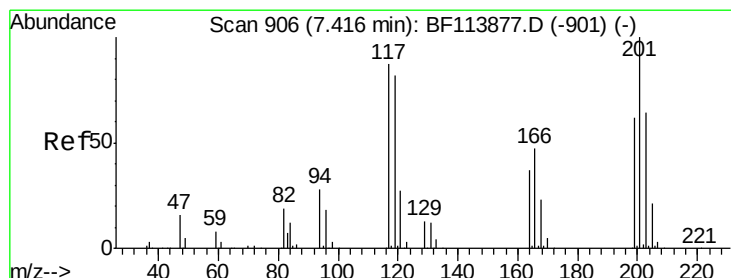
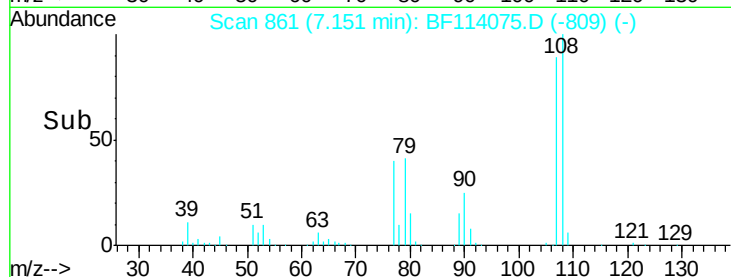
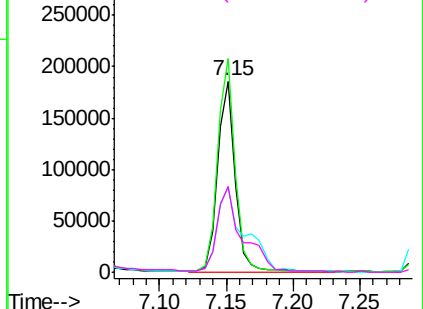
#17
2-Methylphenol
Concen: 35.412 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 173272
Ion Ratio Lower Upper
107 100
108 112.0 91.5 137.3
77 44.4 36.2 54.4
79 45.2 35.4 53.0

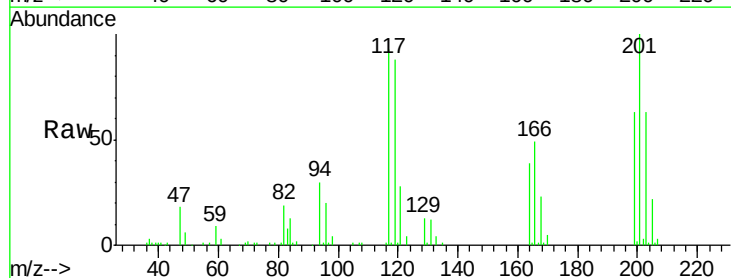


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

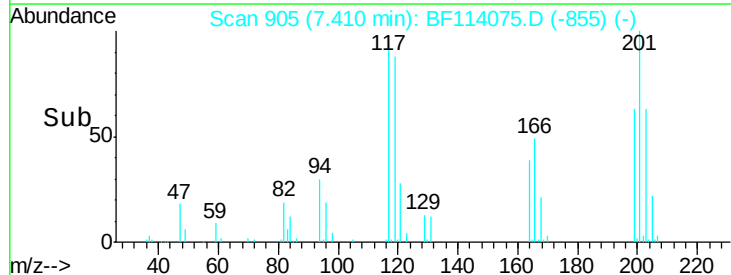
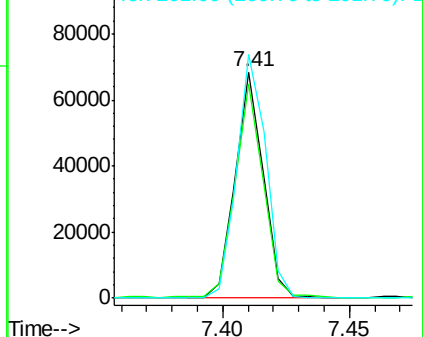


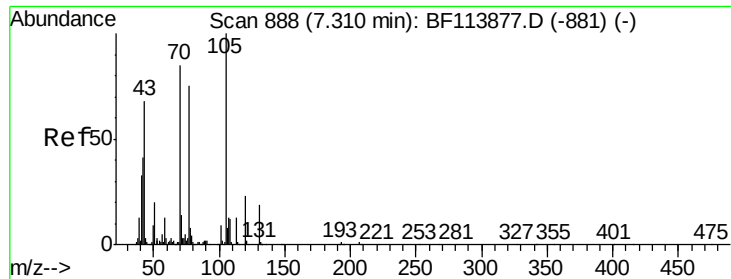
#18
Hexachloroethane
Concen: 23.460 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Tgt Ion:117 Resp: 52294
Ion Ratio Lower Upper
117 100
119 94.9 74.4 111.6
201 107.8 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

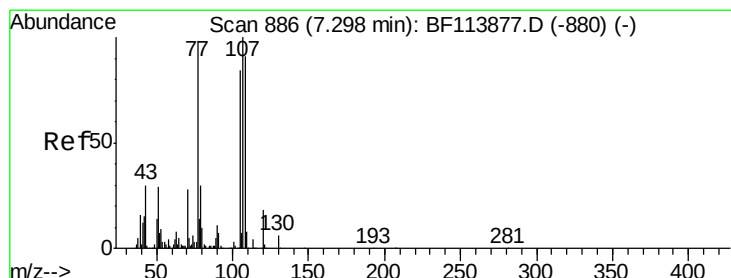
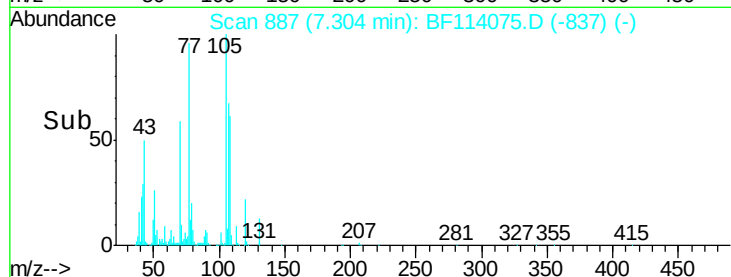
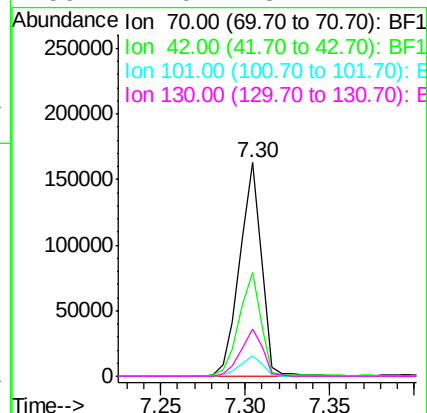
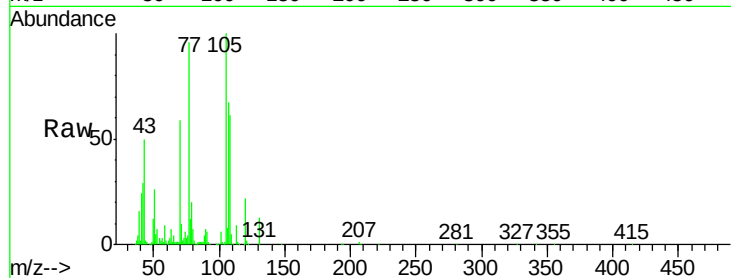




#19
n-Nitroso-di-n-propylamine
Concen: 36.674 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

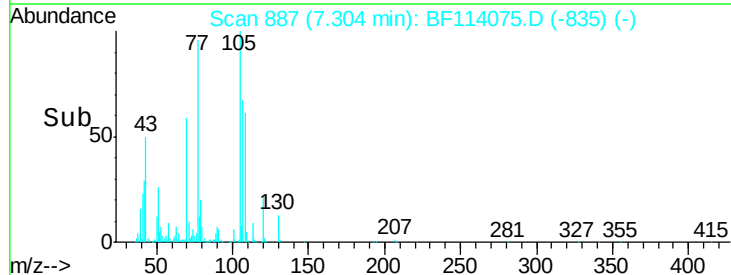
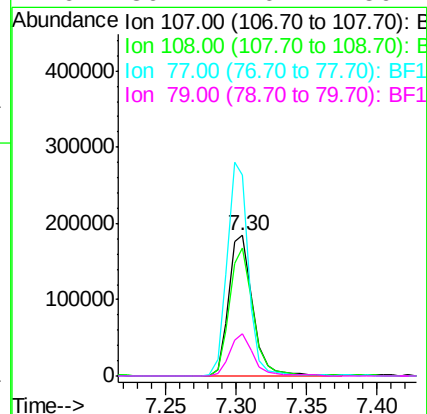
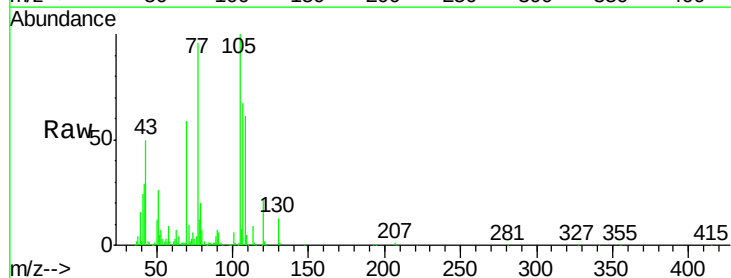
Instrument :
BNA_F
ClientSampled :

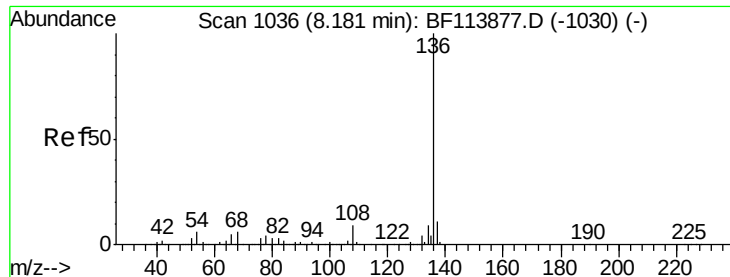
Tot Ion: 70 Resp: 145685
Ion Ratio Lower Upper
70 100
42 48.6 37.3 55.9
101 9.6 7.8 11.8
130 22.0 18.2 27.2



#20
3+4-Methylphenols
Concen: 39.055 ng
RT: 7.30 min Scan# 887
Delta R.T. 0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Tgt Ion:107 Resp: 215904
Ion Ratio Lower Upper
107 100
108 90.9 70.1 110.1
77 142.8 52.9 92.9#
79 30.4 10.2 50.2

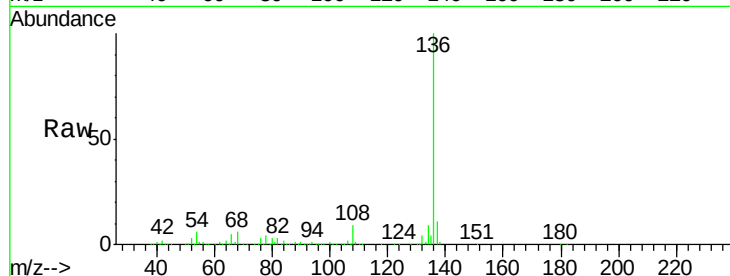




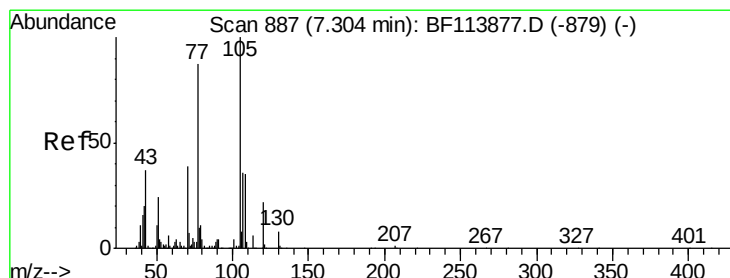
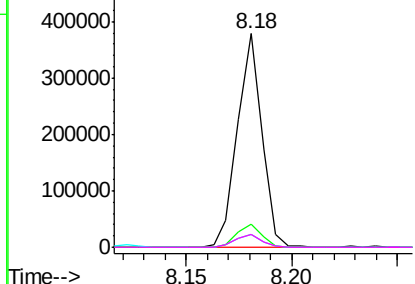
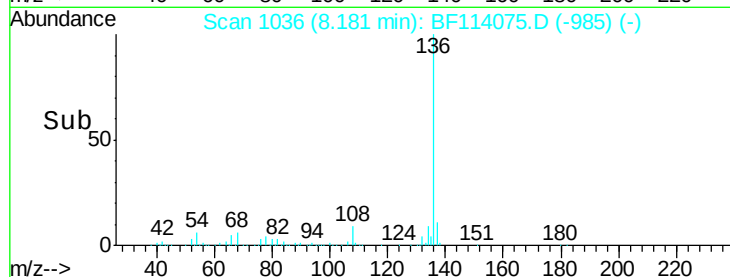
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.18 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:136	Resp:	302667
Ion Ratio	Lower	Upper
136 100		
137 10.6	8.6	12.8
54 6.2	5.0	7.6
68 6.0	4.9	7.3

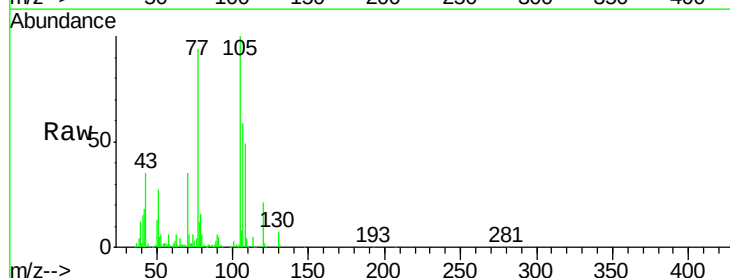


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

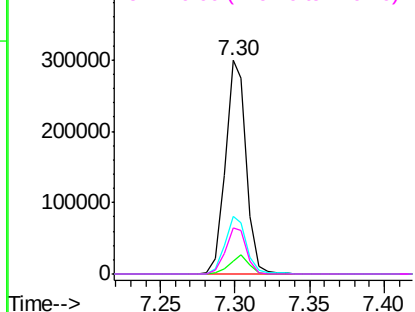
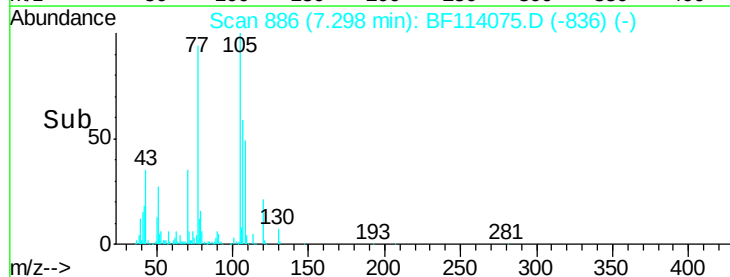


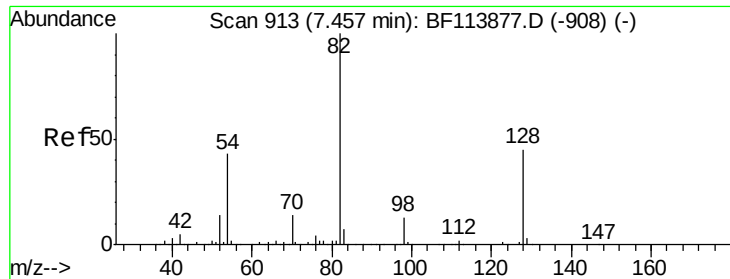
#22
Acetophenone
Concen: 43.952 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Tgt	Ion:105	Resp:	296031
Ion	Ratio	Lower	Upper
105	100		
71	6.0	6.1	9.1#
51	27.2	16.8	25.2#
120	21.3	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

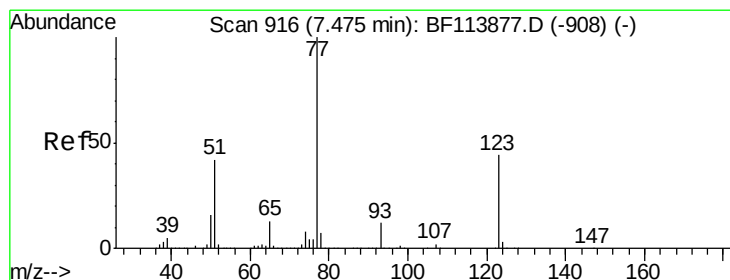
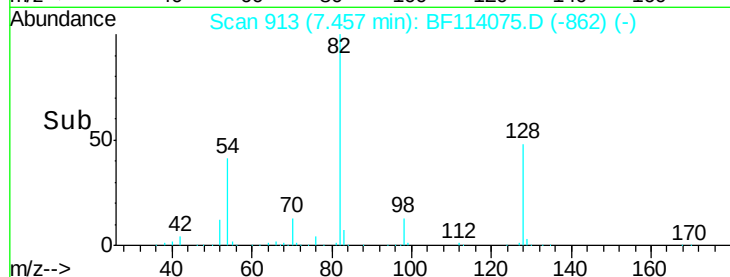
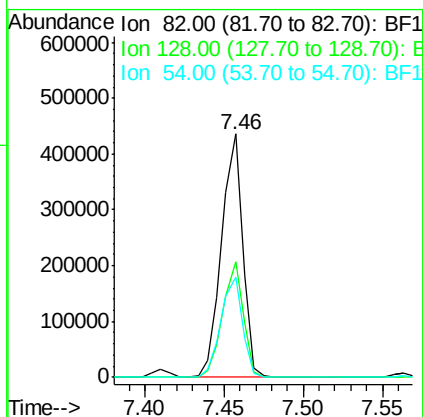
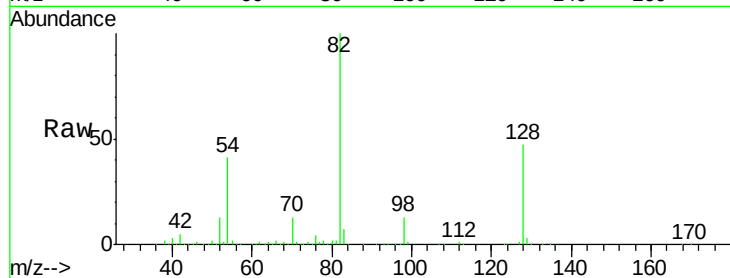




#23
 Nitrobenzene-d5
 Concen: 82.675 ng
 RT: 7.46 min Scan# 913
 Delta R.T. 0.00 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

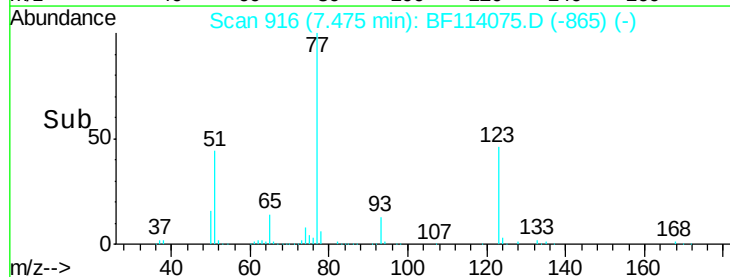
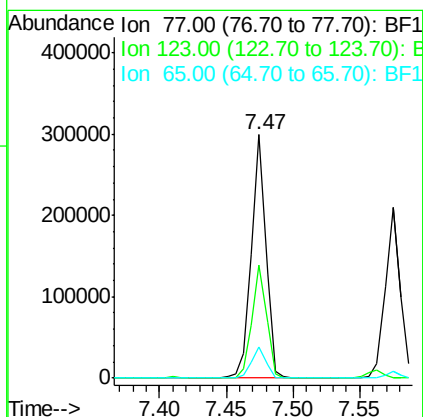
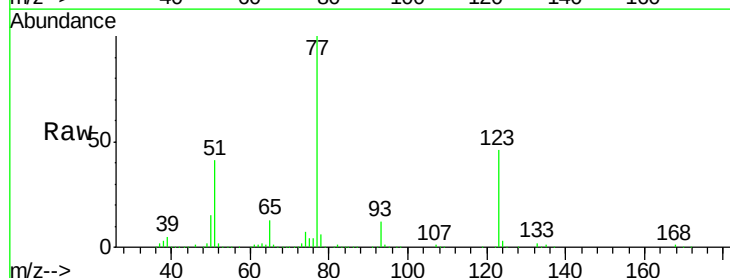
Instrument :
 BNA_F
 ClientSampleId :

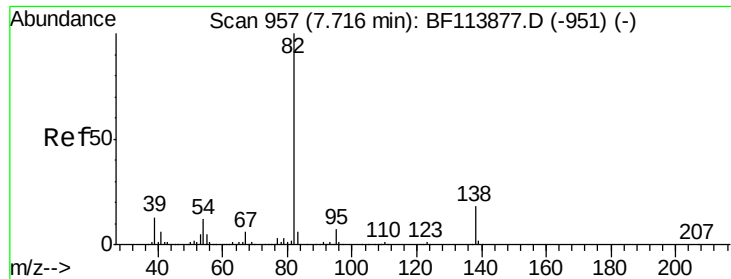
Tot Ion	82	Resp	405269
Ion Ratio	Lower	Upper	
82	100		
128	47.5	36.8	55.2
54	41.4	33.8	50.6



#24
 Nitrobenzene
 Concen: 40.916 ng
 RT: 7.47 min Scan# 916
 Delta R.T. 0.00 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

Tgt Ion	77	Resp	221621
Ion Ratio	Lower	Upper	
77	100		
123	46.3	36.3	54.5
65	12.8	10.3	15.5





#25

Isophorone

Concen: 40.371 ng

RT: 7.72 min Scan# 957

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

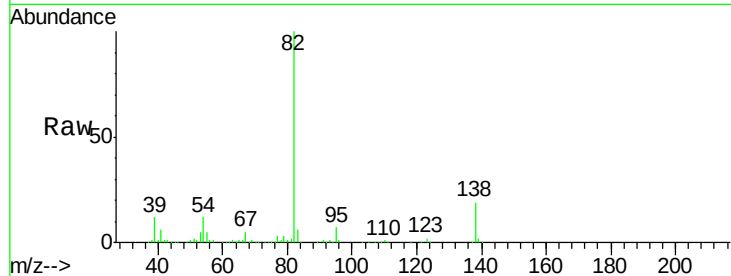
Tot Ion: 82 Resp: 404933

Ion Ratio Lower Upper

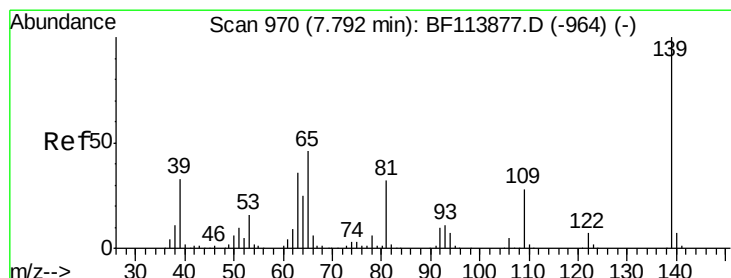
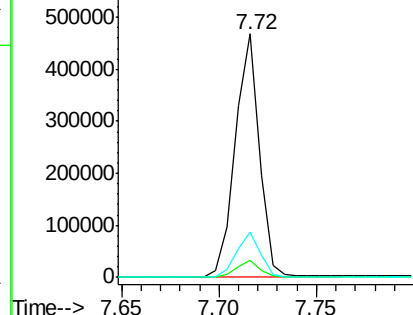
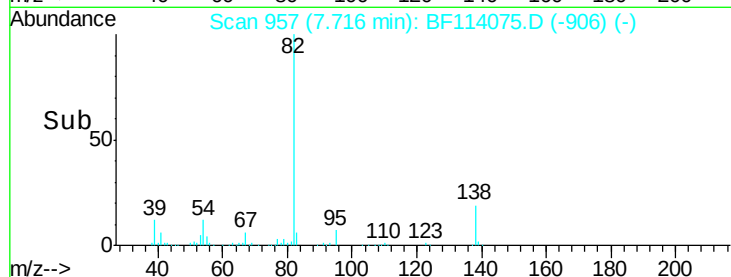
82 100

95 6.9 5.4 8.2

138 18.5 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: 38.089 ng

RT: 7.79 min Scan# 970

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

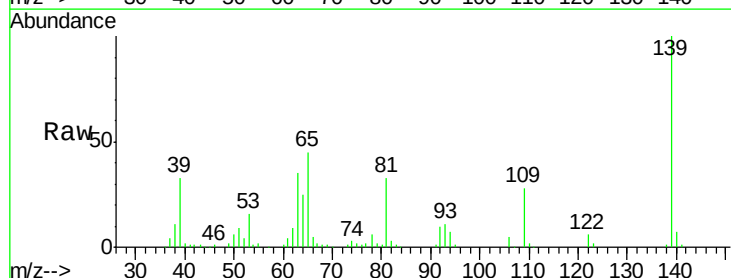
Tgt Ion: 139 Resp: 94119

Ion Ratio Lower Upper

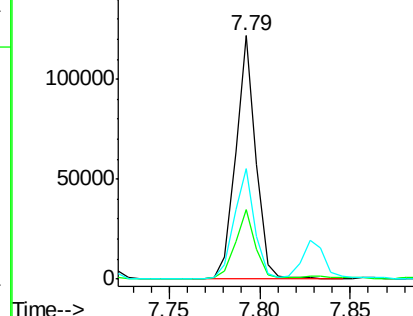
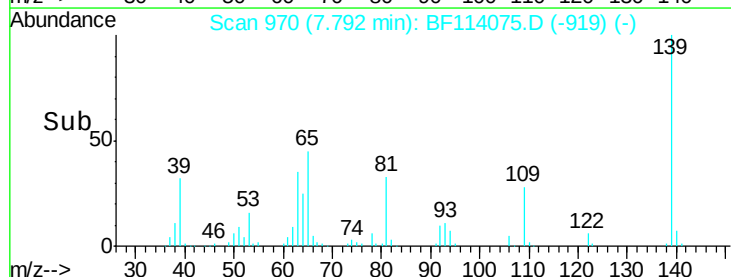
139 100

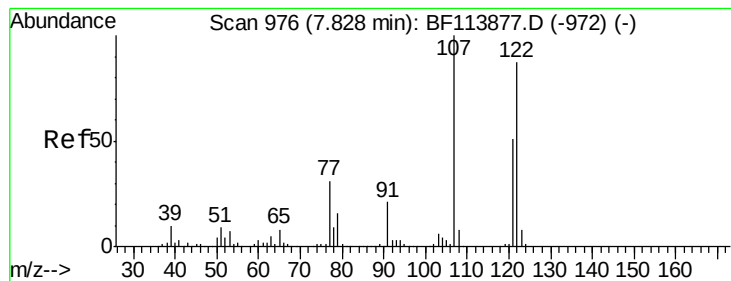
109 28.4 20.6 31.0

65 45.4 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: 46.320 ng

RT: 7.83 min Scan# 976

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampled :

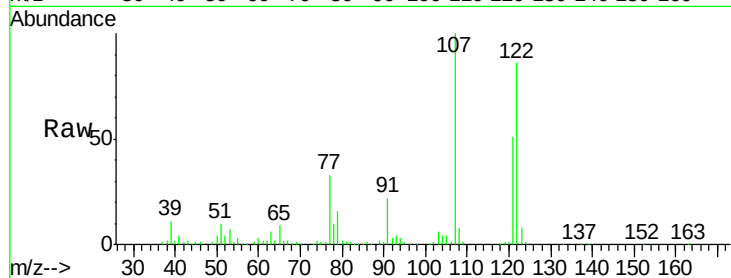
Tot Ion:122 Resp: 186483

Ion Ratio Lower Upper

122 100

107 116.9 91.2 136.8

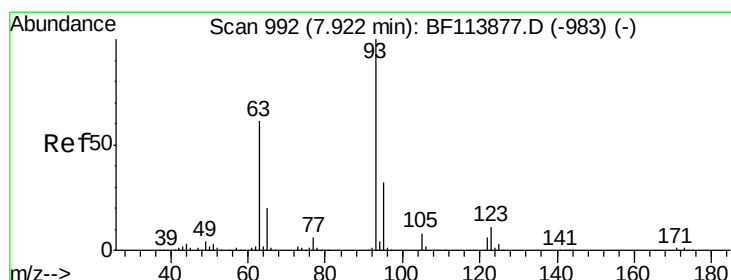
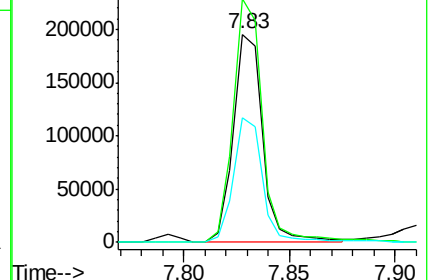
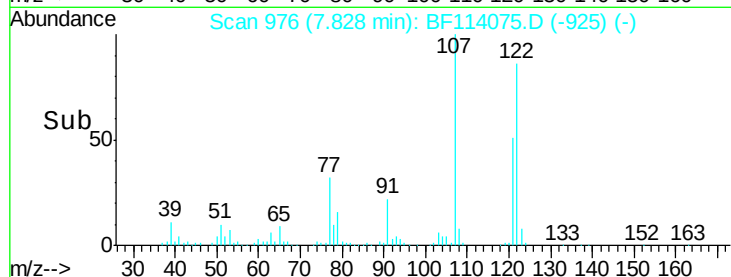
121 59.8 46.4 69.6



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: 40.948 ng

RT: 7.92 min Scan# 992

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

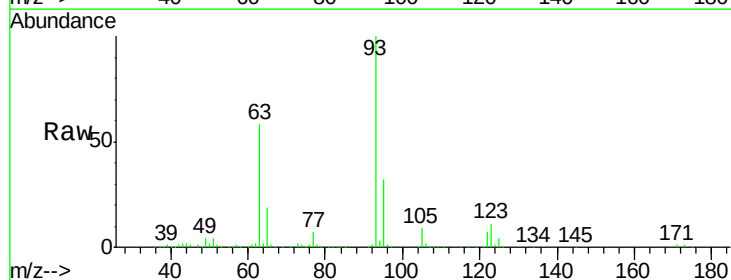
Tgt Ion: 93 Resp: 261720

Ion Ratio Lower Upper

93 100

95 31.6 25.8 38.6

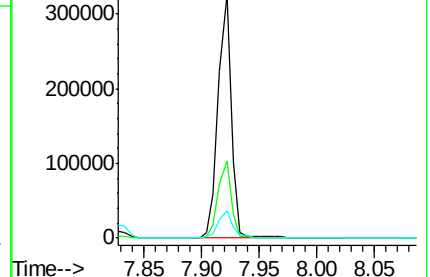
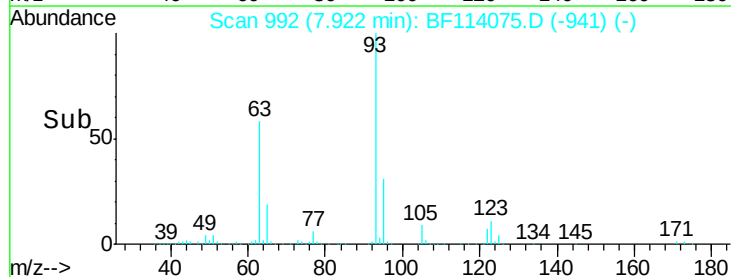
123 11.4 9.0 13.6

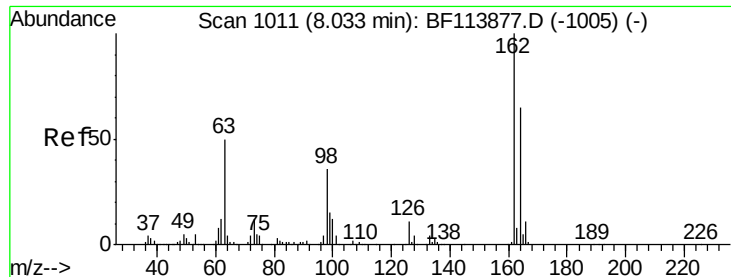


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

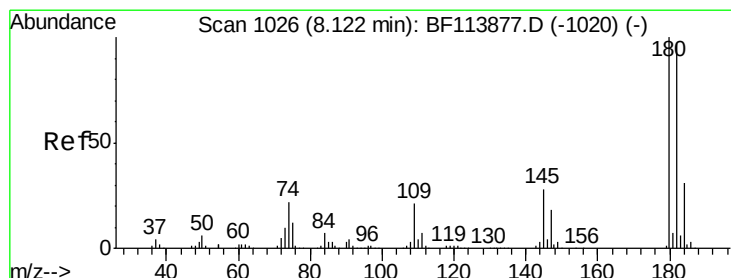
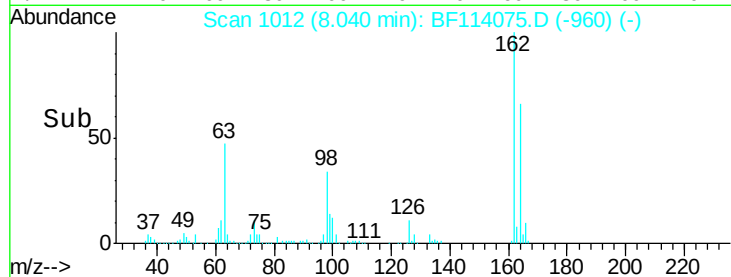
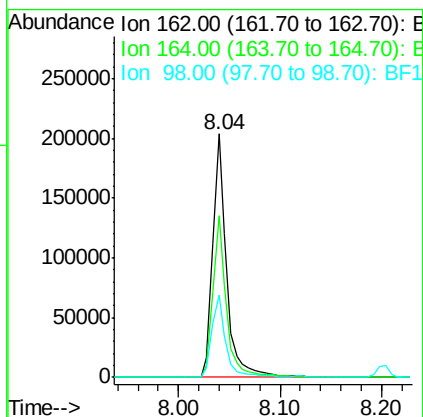
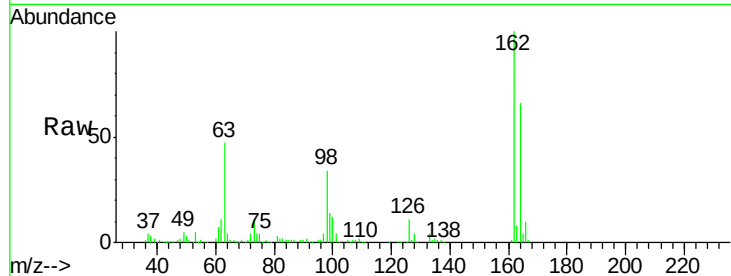




#29
 2,4-Dichlorophenol
 Concen: 42.530 ng
 RT: 8.04 min Scan# 1012
 Delta R.T. 0.01 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

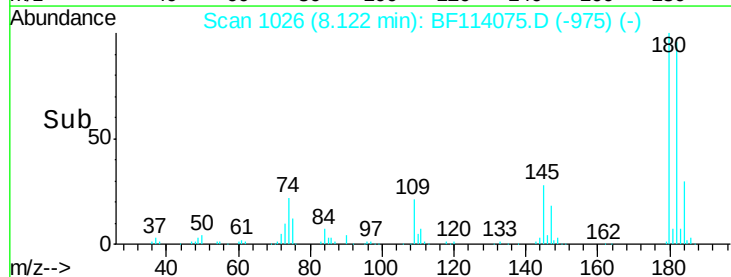
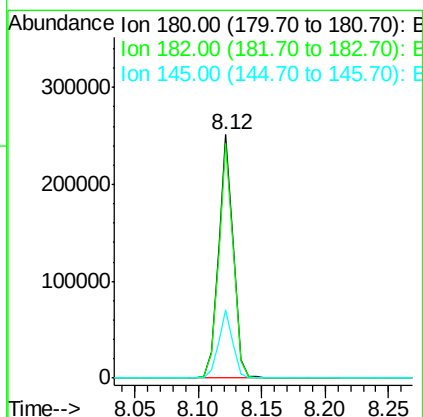
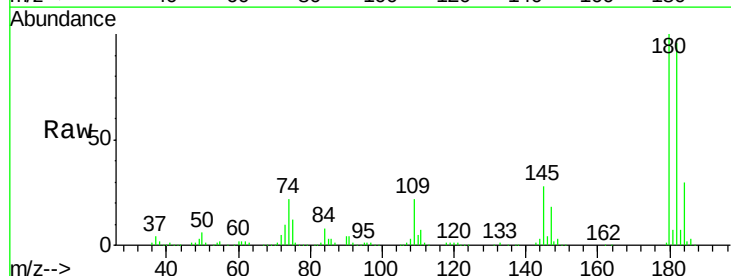
Instrument :
 BNA_F
 ClientSampleId :

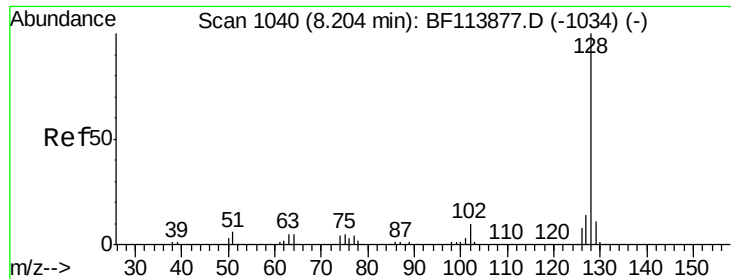
Tot Ion:162 Resp: 195801
 Ion Ratio Lower Upper
 162 100
 164 66.2 43.7 83.7
 98 34.1 15.5 55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 40.103 ng
 RT: 8.12 min Scan# 1026
 Delta R.T. 0.00 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

Tgt Ion:180 Resp: 205862
 Ion Ratio Lower Upper
 180 100
 182 96.2 75.4 113.0
 145 28.2 23.0 34.4

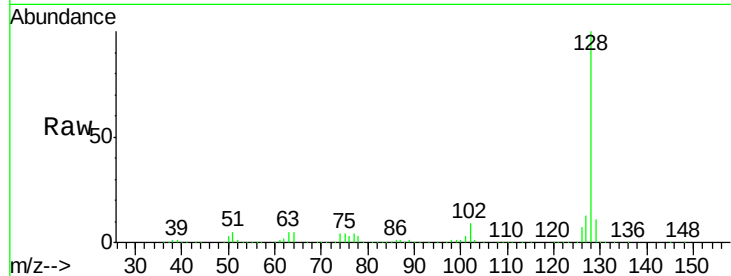




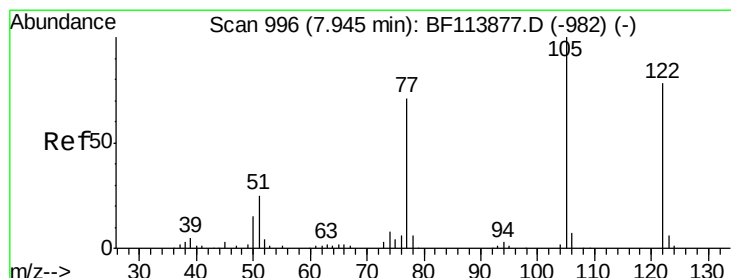
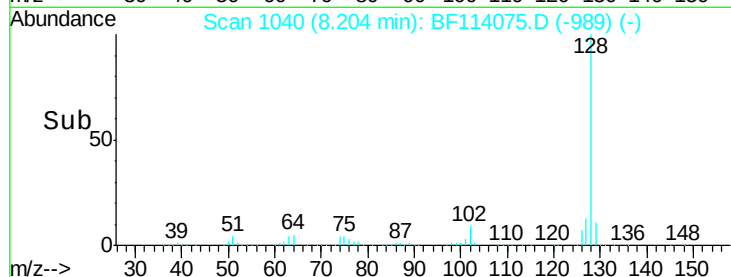
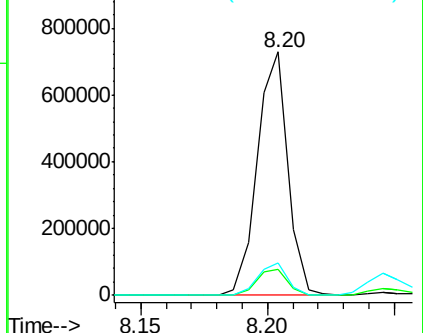
#31
Naphthalene
Concen: 42.464 ng
RT: 8.20 min Scan# 1040
Delta R.T. 0.00 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:128 Resp: 610558
Ion Ratio Lower Upper
128 100
129 10.9 9.4 14.0
127 13.4 10.8 16.2

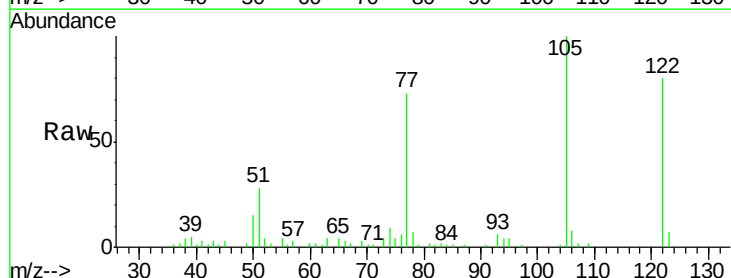


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

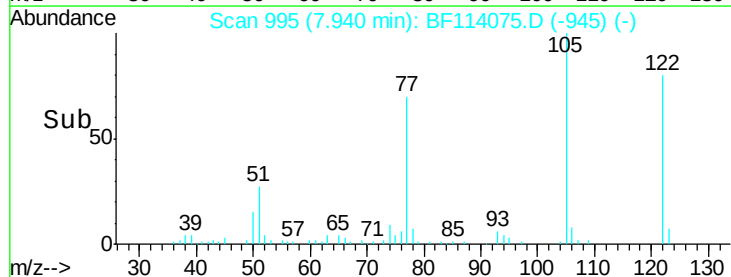
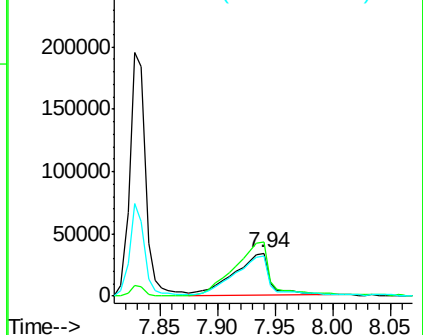


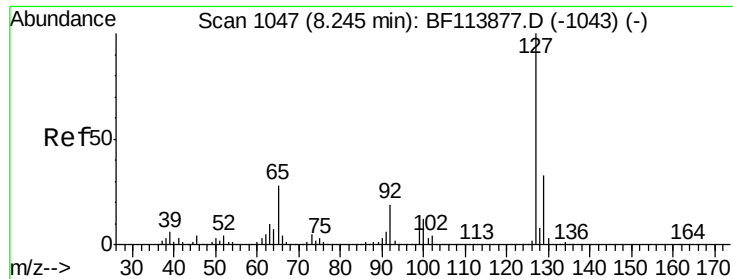
#32
Benzoic acid
Concen: 27.117 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Tgt Ion:122 Resp: 73726
Ion Ratio Lower Upper
122 100
105 125.6 104.3 144.3
77 92.3 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

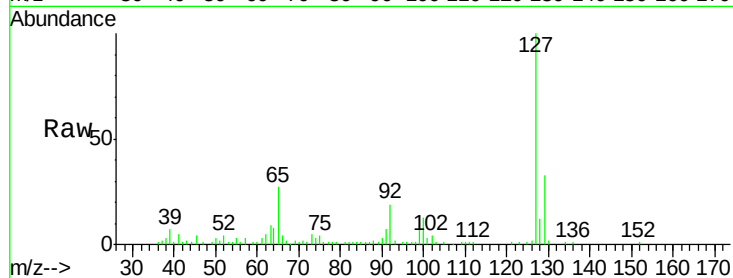




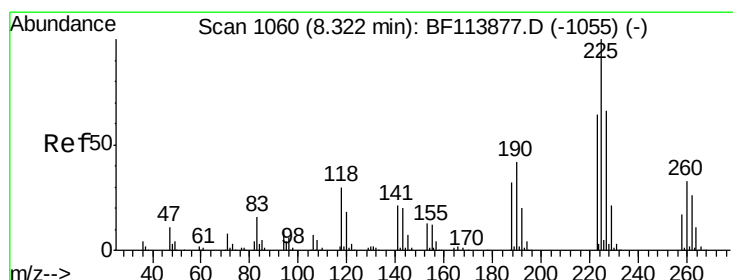
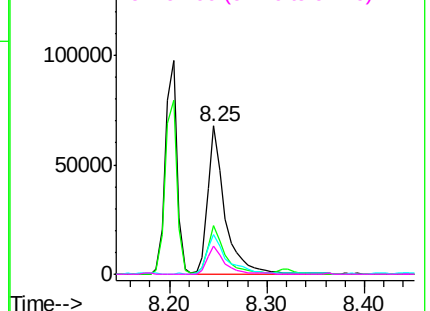
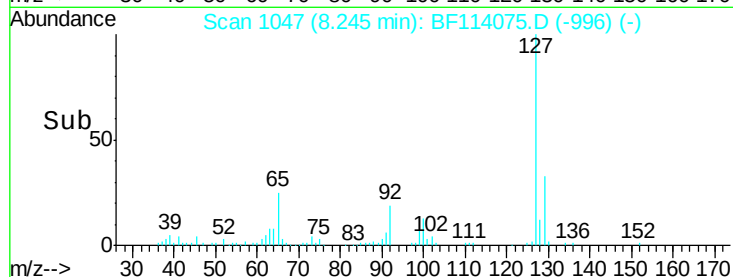
#33
4-Chloroaniline
Concen: 13.798 ng
RT: 8.25 min Scan# 1047
Delta R.T. 0.00 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	83948
Ion	Ratio	Lower	Upper
127	100		
129	33.0	26.4	39.6
65	26.6	24.9	37.3
92	19.4	15.9	23.9

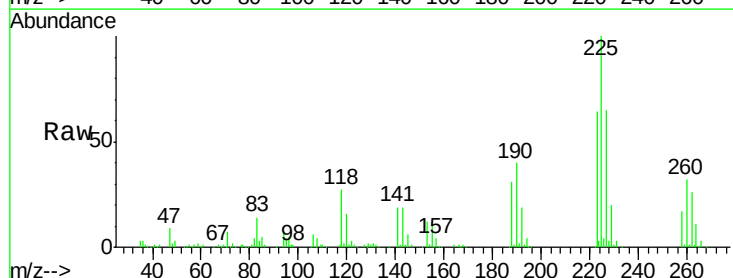


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

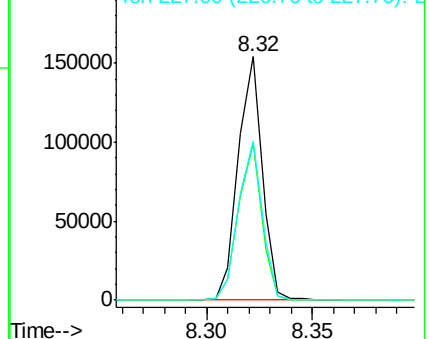
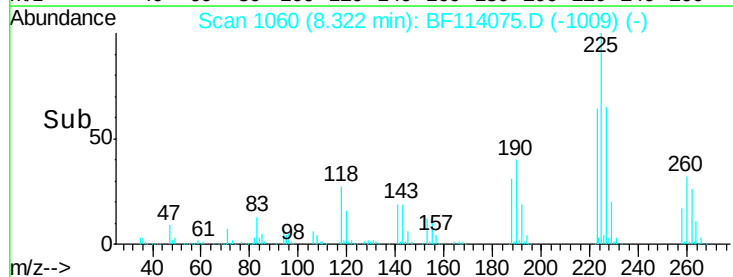


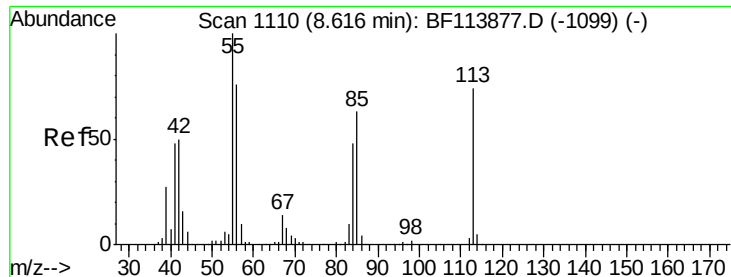
#34
Hexachlorobutadiene
Concen: 37.850 ng
RT: 8.32 min Scan# 1060
Delta R.T. 0.00 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Tgt Ion:	225	Resp:	121120
Ion	Ratio	Lower	Upper
225	100		
223	64.3	51.1	76.7
227	65.4	49.9	74.9



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

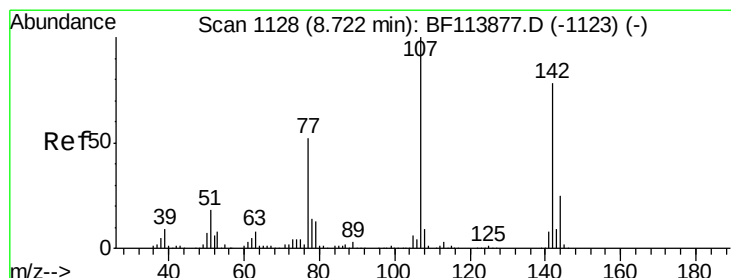
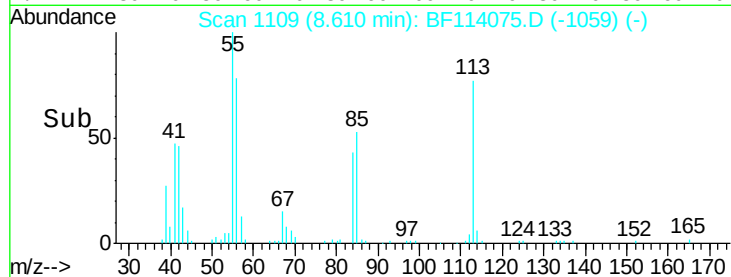
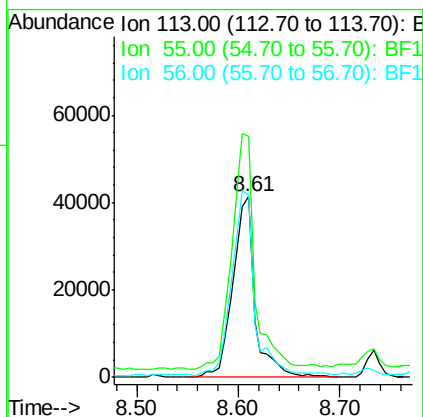
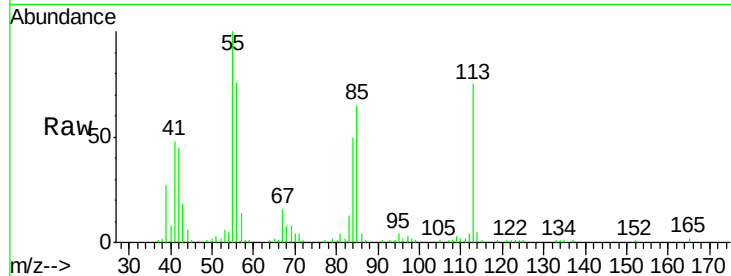




#35
Caprolactam
Concen: 42.740 ng
RT: 8.61 min Scan# 1109
Delta R.T. -0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

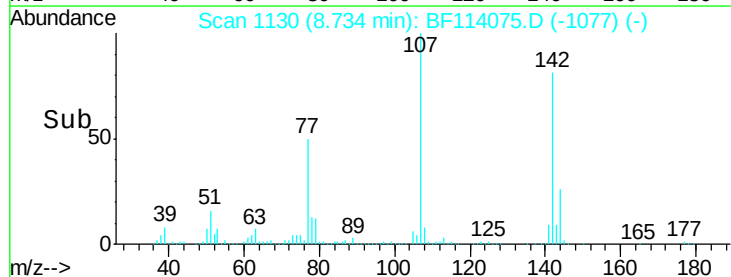
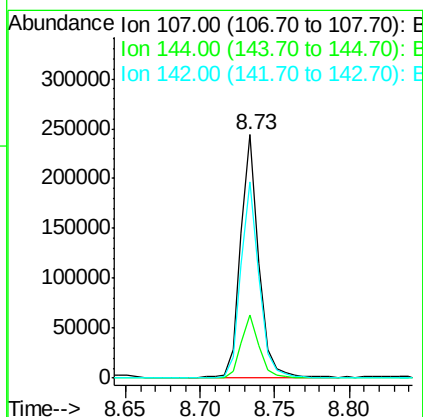
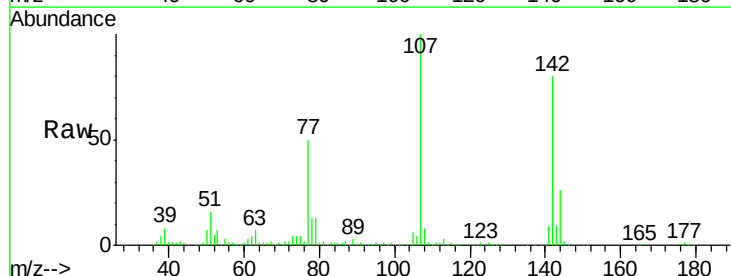
Instrument :
BNA_F
ClientSampleId :

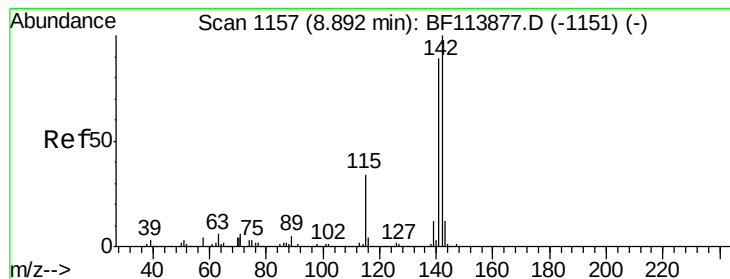
Tot Ion:113 Resp: 62593
Ion Ratio Lower Upper
113 100
55 133.7 128.6 168.6
56 101.3 91.9 131.9



#36
4-Chloro-3-methylphenol
Concen: 45.345 ng
RT: 8.73 min Scan# 1130
Delta R.T. 0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Tgt Ion:107 Resp: 206824
Ion Ratio Lower Upper
107 100
144 25.9 20.5 30.7
142 80.4 64.2 96.4





#37

2-Methylnaphthalene

Concen: 46.967 ng

RT: 8.89 min Scan# 1157

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

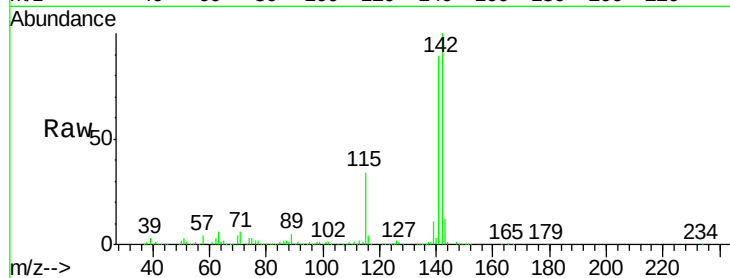
Tot Ion:142 Resp: 455385

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6

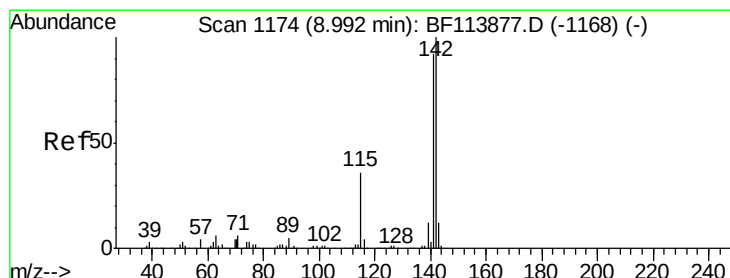
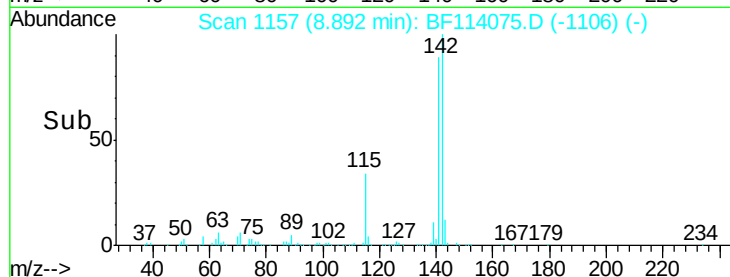
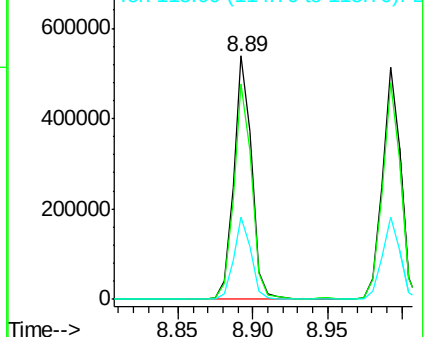
115 33.9 26.3 39.5



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: 45.431 ng

RT: 8.99 min Scan# 1174

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

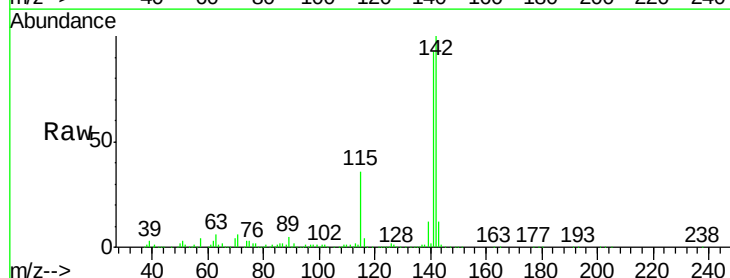
Tgt Ion:142 Resp: 425150

Ion Ratio Lower Upper

142 100

141 93.3 72.3 108.5

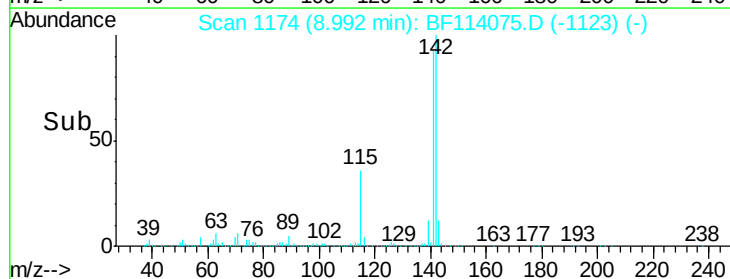
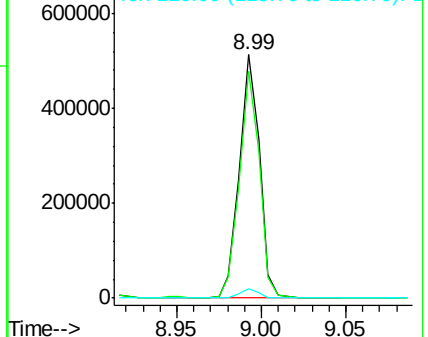
116 3.6 3.0 4.4

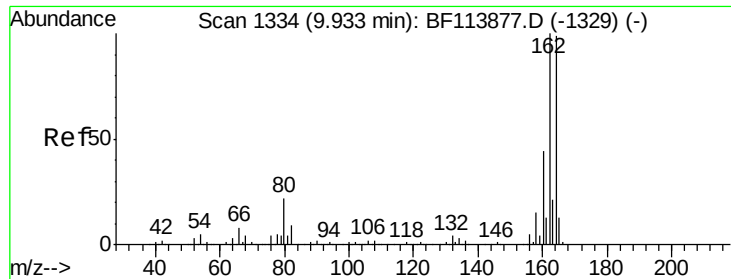


Abundance Ion 142.00 (141.70 to 142.70): E

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: 9.94 min Scan# 1335

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampled :

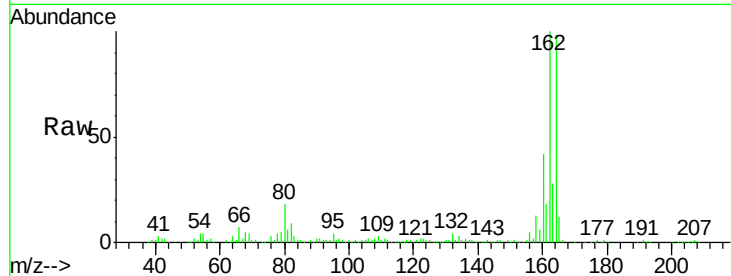
Tot Ion:164 Resp: 157760

Ion Ratio Lower Upper

164 100

162 102.5 81.1 121.7

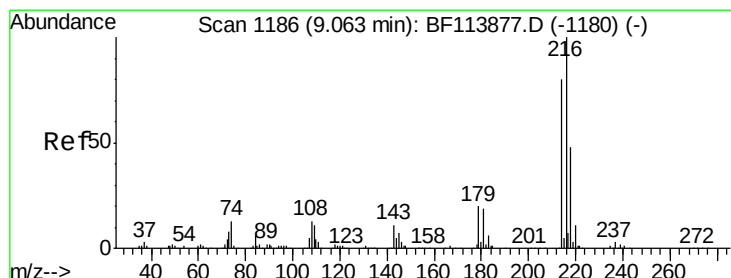
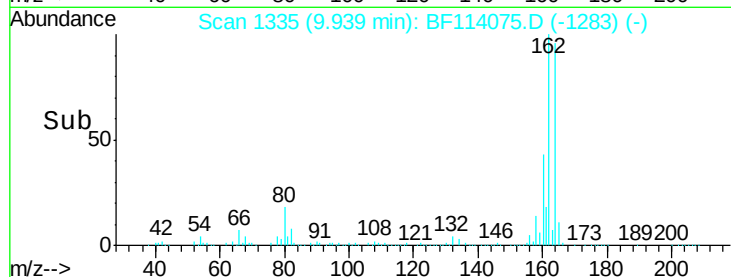
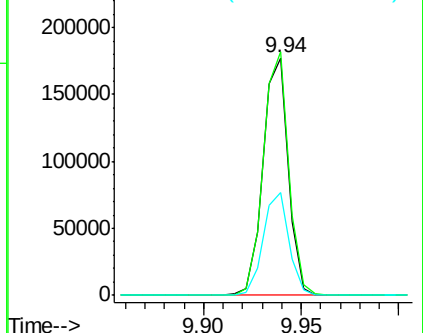
160 43.5 35.8 53.6



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: 44.314 ng

RT: 9.06 min Scan# 1186

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Tgt Ion:216 Resp: 227090

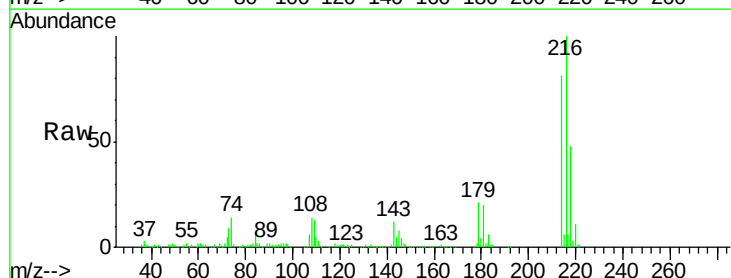
Ion Ratio Lower Upper

216 100

214 80.3 63.5 95.3

179 21.2 16.1 24.1

108 15.0 13.4 20.0

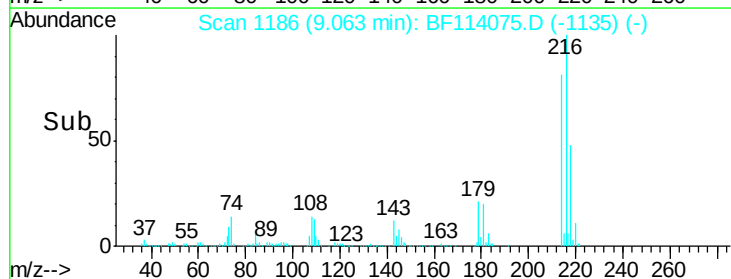
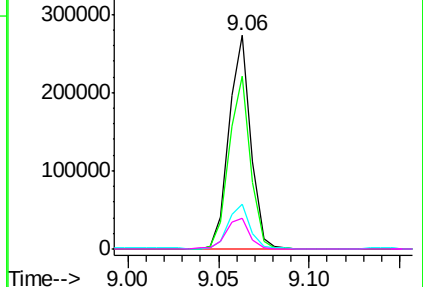


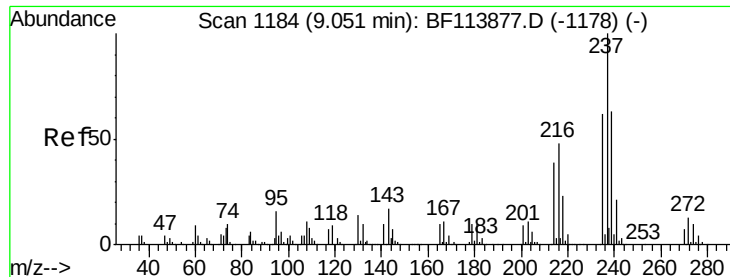
Abundance Ion 216.00 (215.70 to 216.70): E

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

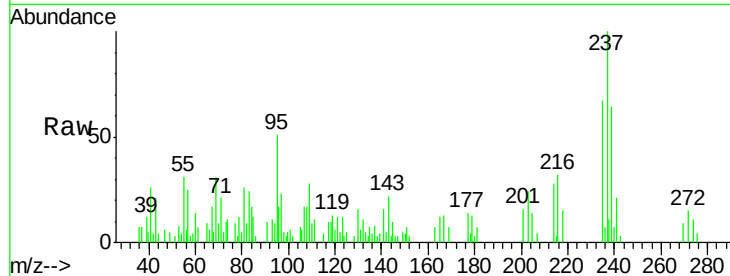




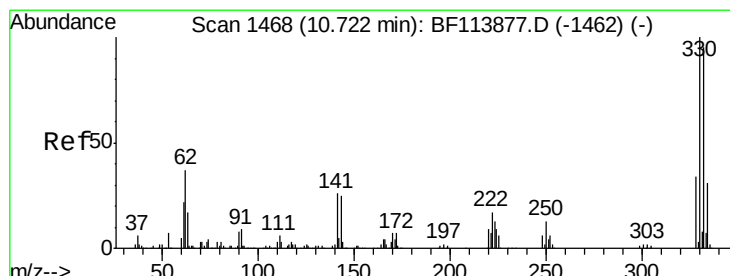
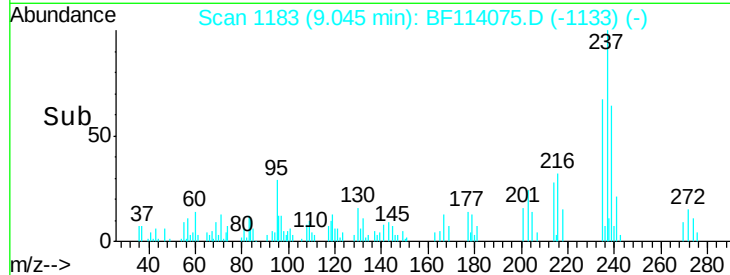
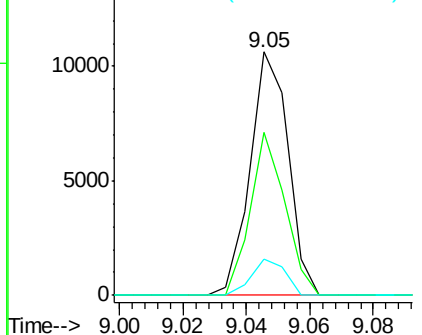
#41
Hexachlorocyclopentadiene
Concen: 3.100 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
237	100		
235	66.9	42.6	82.6
272	14.7	0.0	33.8

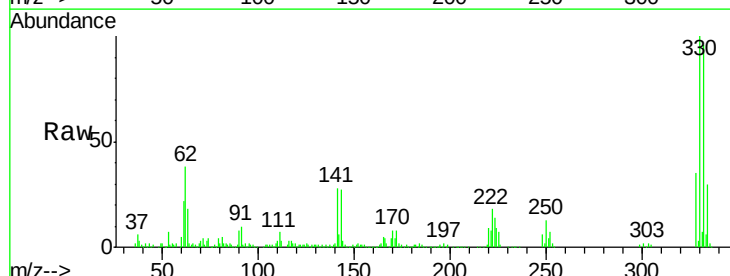


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

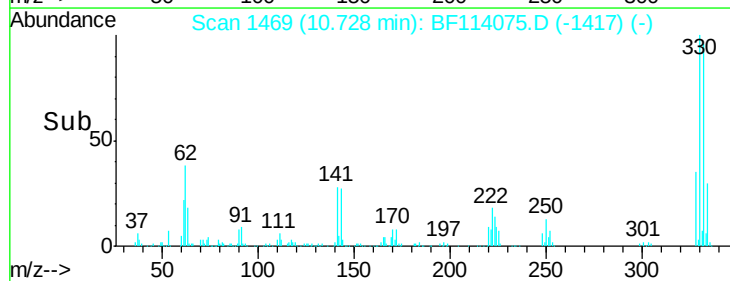
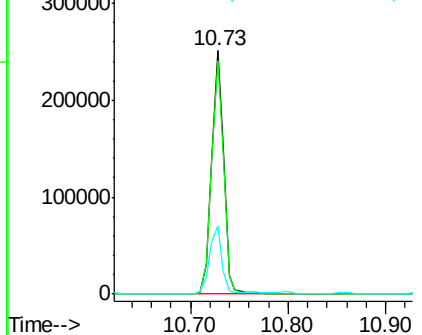


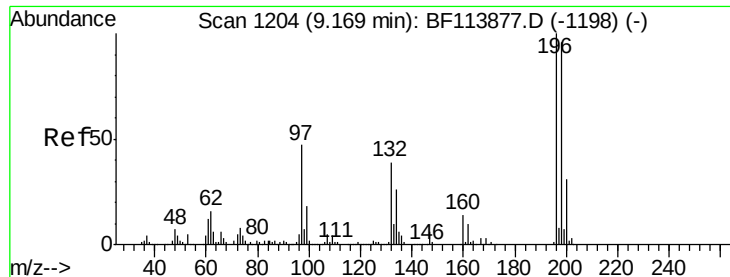
#42
2,4,6-Tribromophenol
Concen: 112.827 ng
RT: 10.73 min Scan# 1469
Delta R.T. 0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	77.5	116.3
141	27.7	22.2	33.2



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

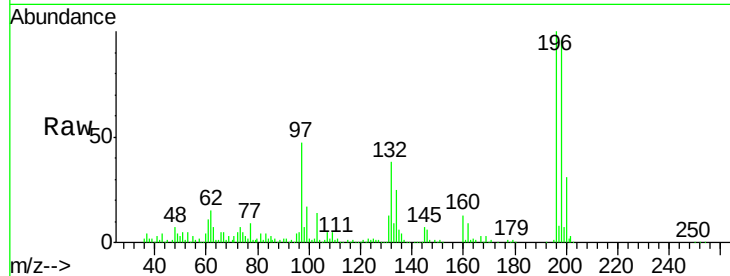




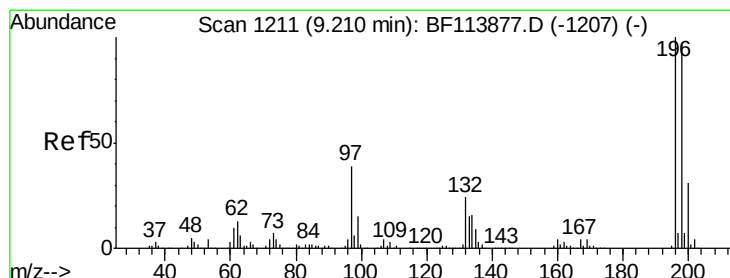
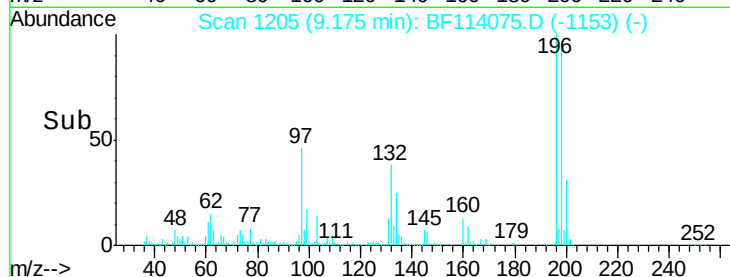
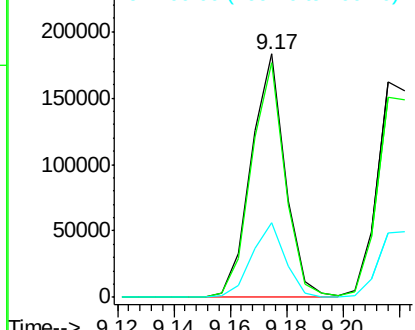
#43
 2,4,6-Trichlorophenol
 Concen: 47.026 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. 0.01 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 153027
 Ion Ratio Lower Upper
 196 100
 198 96.3 75.6 113.4
 200 30.9 24.7 37.1

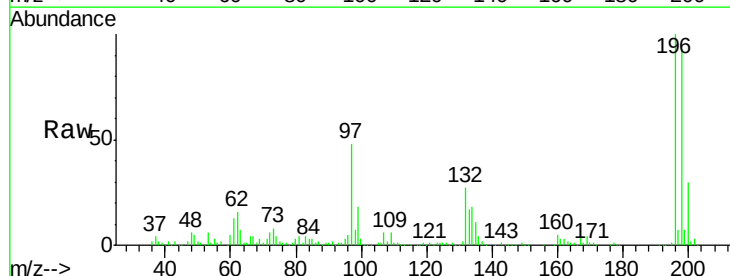


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

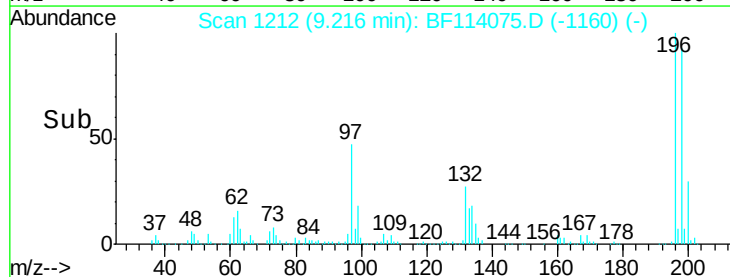
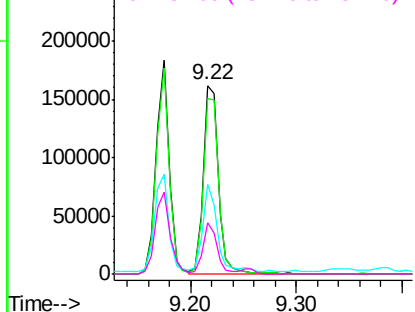


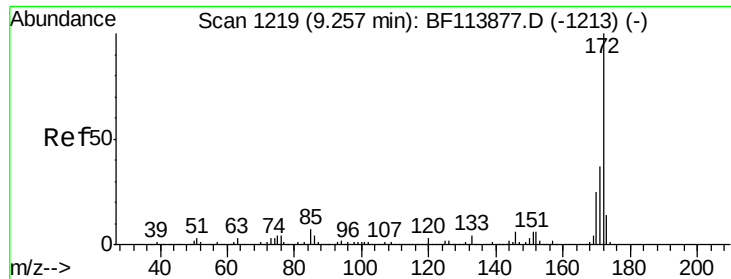
#44
 2,4,5-Trichlorophenol
 Concen: 44.028 ng
 RT: 9.22 min Scan# 1212
 Delta R.T. 0.01 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

Tgt Ion:196 Resp: 160698
 Ion Ratio Lower Upper
 196 100
 198 93.2 76.2 114.4
 97 47.6 35.8 53.8
 132 27.0 20.9 31.3



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

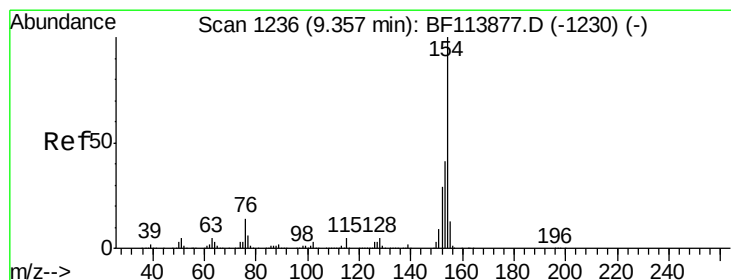
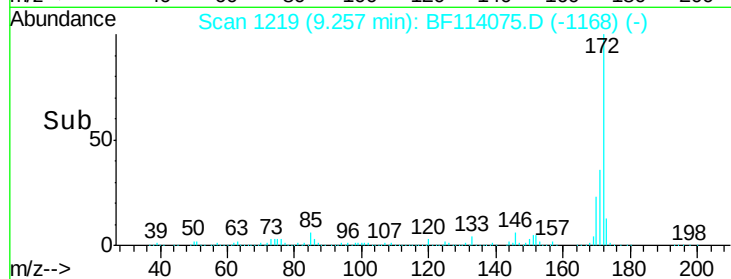
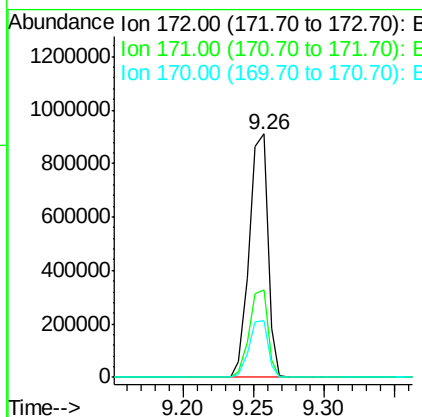
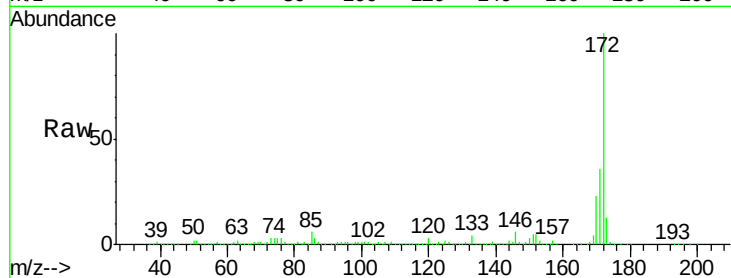




#45
2-Fluorobiphenyl
Concen: 84.248 ng
RT: 9.26 min Scan# 1219
Delta R.T. 0.00 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

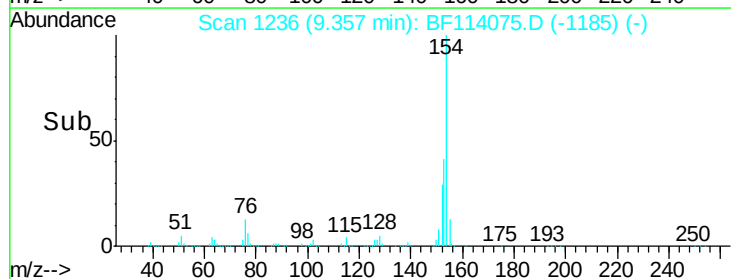
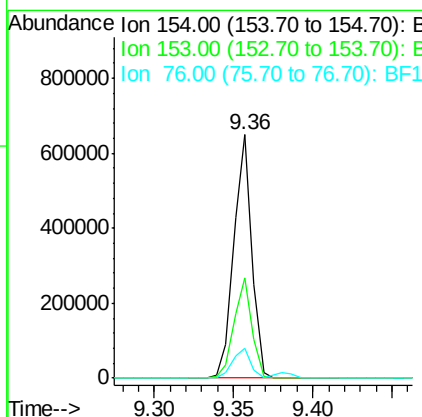
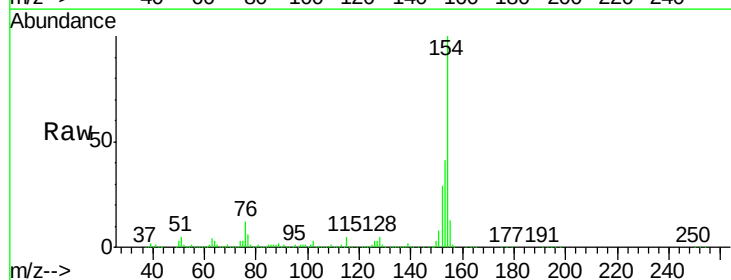
Instrument :
BNA_F
ClientSampleId :

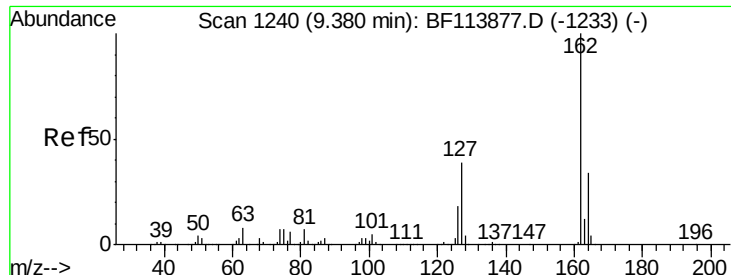
Tot Ion	Ratio	Lower	Upper
172	100		
171	35.8	29.4	44.0
170	23.2	19.9	29.9



#46
1,1'-Biphenyl
Concen: 42.401 ng
RT: 9.36 min Scan# 1236
Delta R.T. 0.00 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.9	20.8	60.8
76	12.5	0.0	35.2

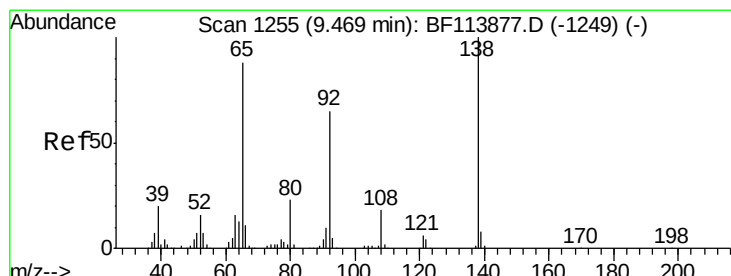
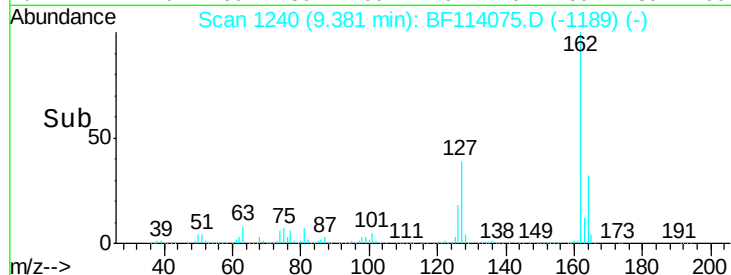
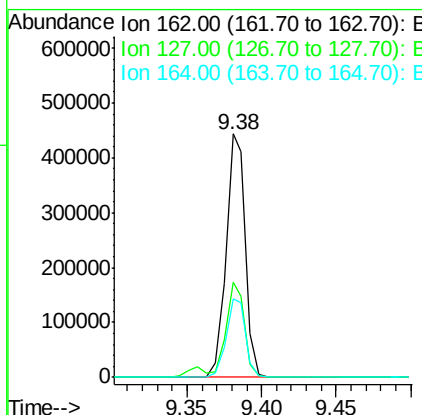
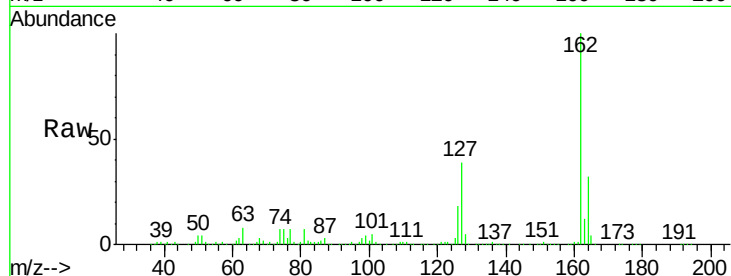




#47
 2-Chloronaphthalene
 Concen: 41.236 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. 0.00 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

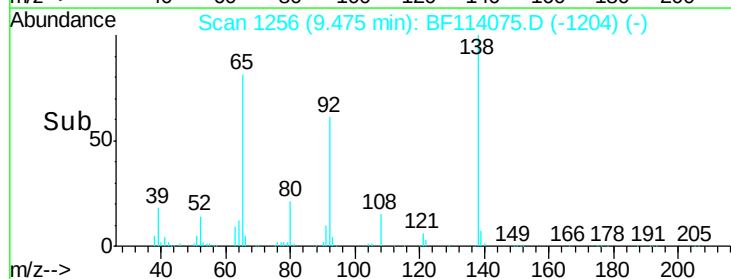
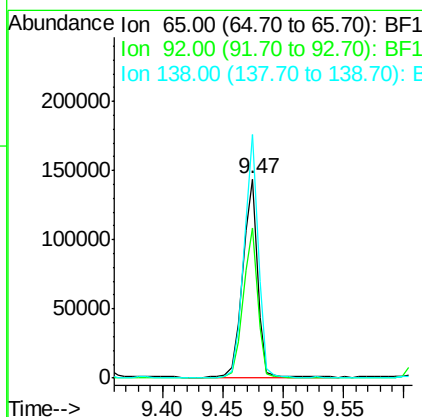
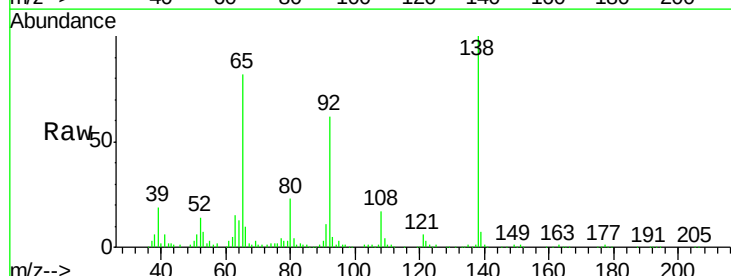
Instrument :
 BNA_F
 ClientSampleId :

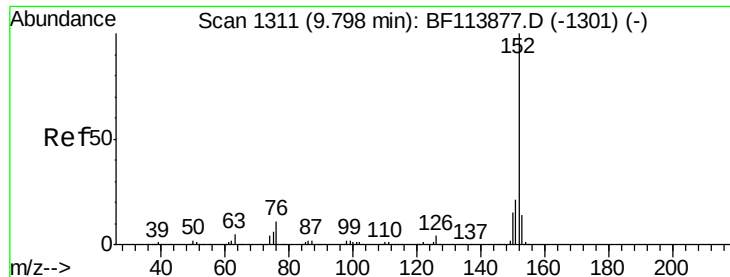
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.0	29.3	43.9
164	32.4	27.1	40.7



#48
 2-Nitroaniline
 Concen: 47.851 ng
 RT: 9.47 min Scan# 1256
 Delta R.T. 0.01 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	75.3	57.4	86.0
138	122.4	85.4	128.0





#49

Acenaphthylene

Concen: 39.496 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

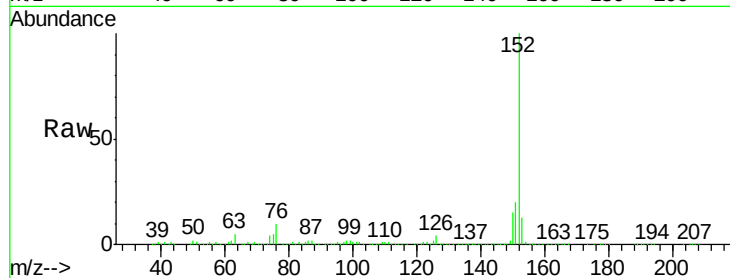
Tot Ion:152 Resp: 605990

Ion Ratio Lower Upper

152 100

151 20.0 17.0 25.4

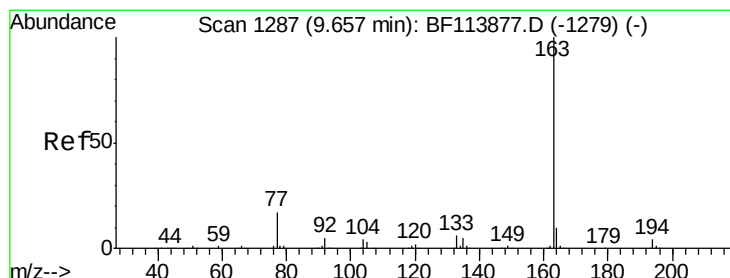
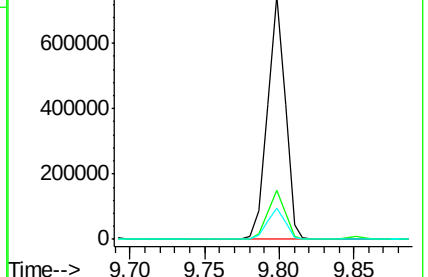
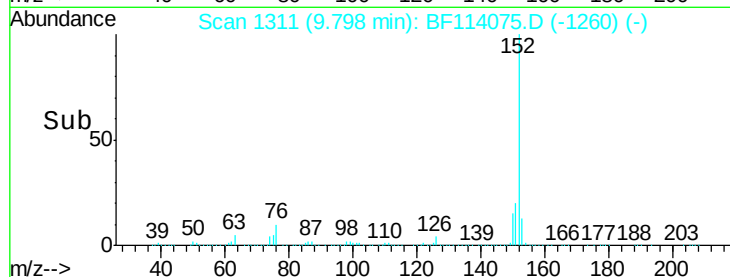
153 12.8 11.0 16.6



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: 50.986 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

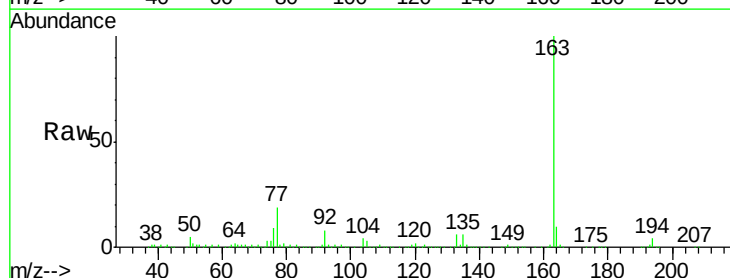
Tgt Ion:163 Resp: 581726

Ion Ratio Lower Upper

163 100

194 4.3 3.4 5.2

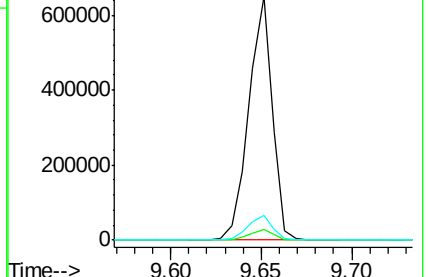
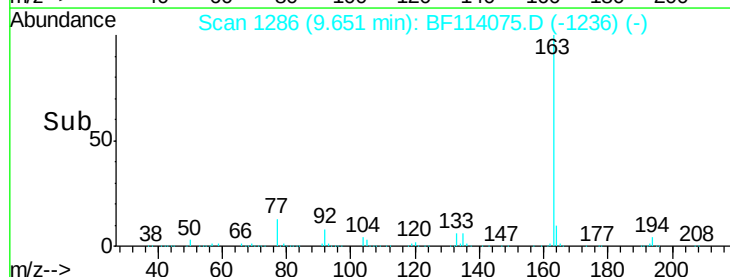
164 10.4 8.5 12.7

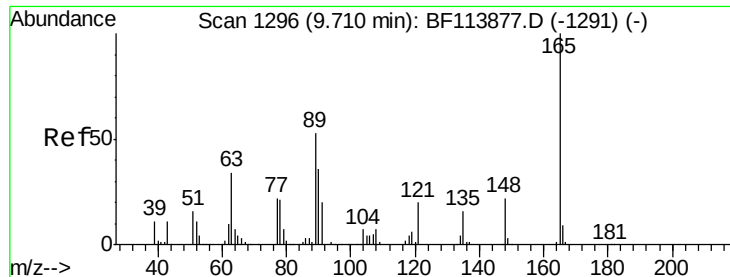


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

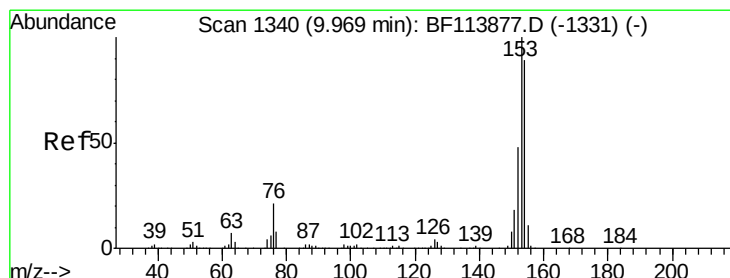
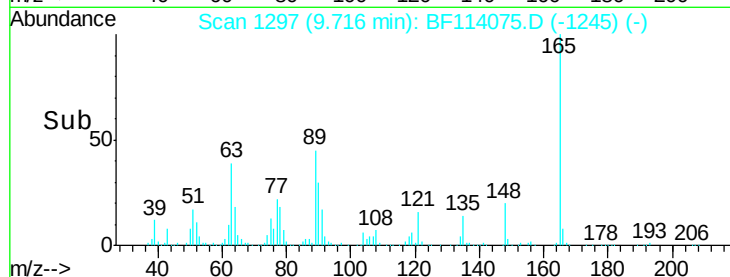
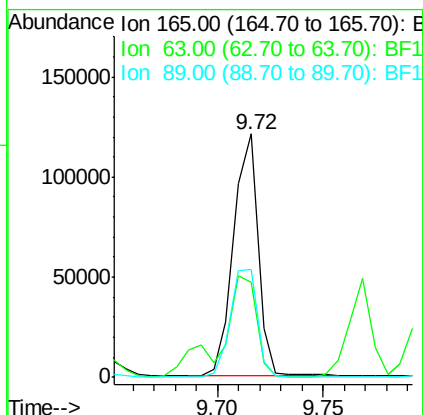
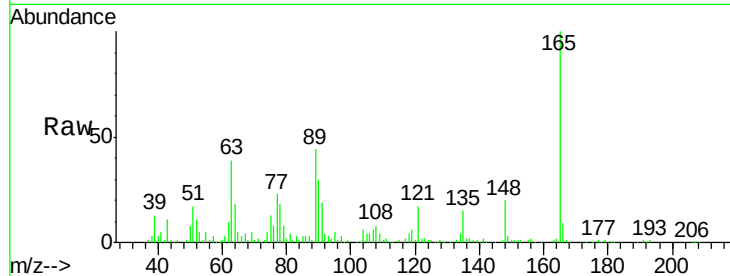




#51
 2,6-Dinitrotoluene
 Concen: 39.494 ng
 RT: 9.72 min Scan# 1297
 Delta R.T. 0.01 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

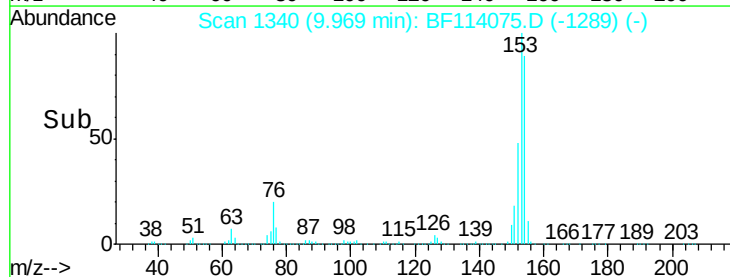
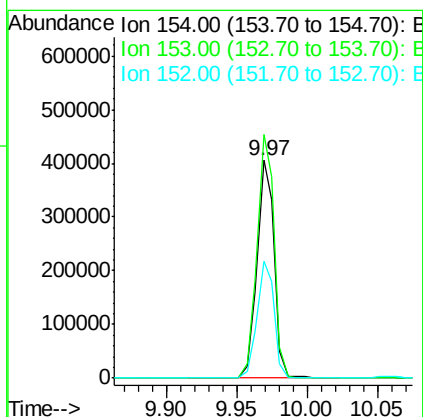
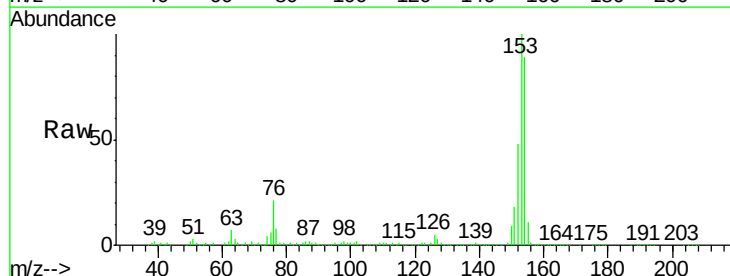
Instrument :
 BNA_F
 ClientSampleId :

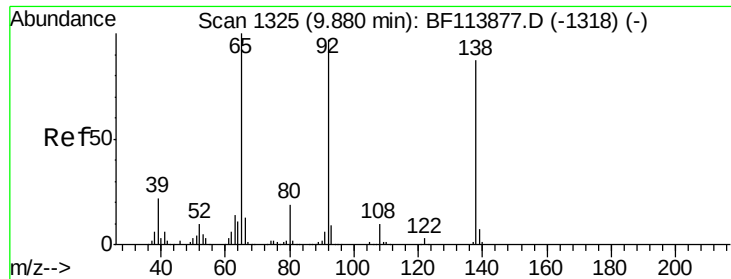
Tot Ion	Ratio	Lower	Upper
165	100		
63	38.9	33.8	50.8
89	44.1	38.2	57.2



#52
 Acenaphthene
 Concen: 38.578 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. 0.00 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	111.9	87.2	130.8
152	53.6	42.3	63.5

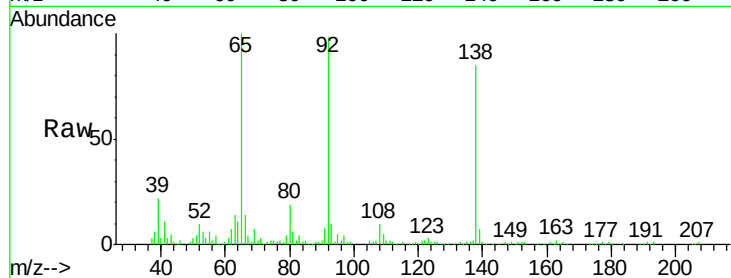




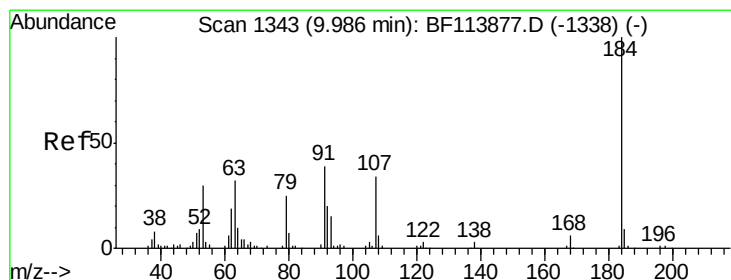
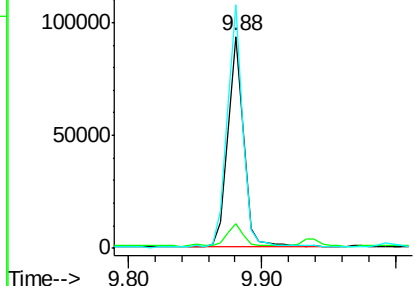
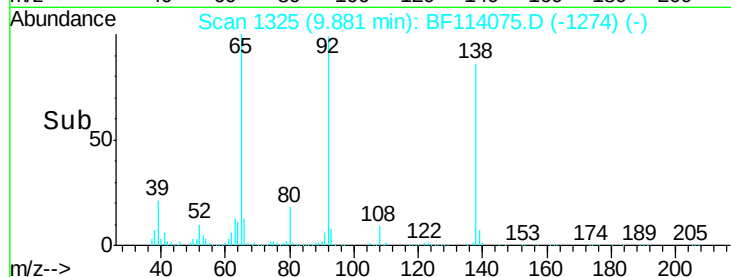
#53
3-Nitroaniline
Concen: 30.897 ng
RT: 9.88 min Scan# 1325
Delta R.T. 0.00 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 79472
Ion Ratio Lower Upper
138 100
108 11.7 9.4 14.2
92 115.1 94.1 141.1

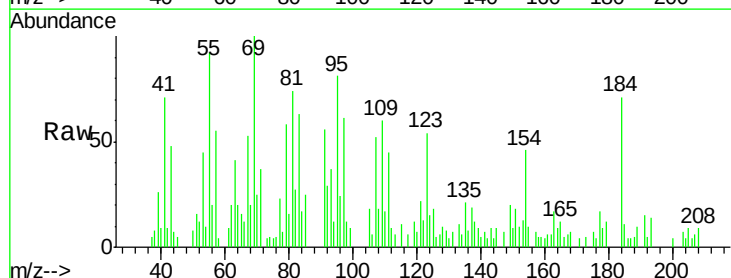


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

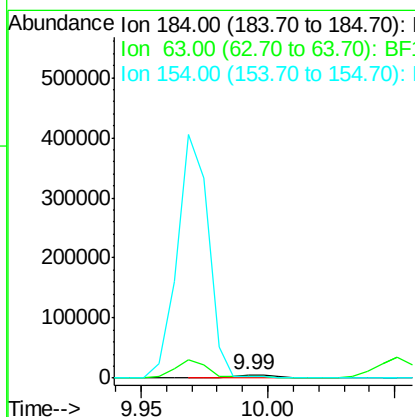
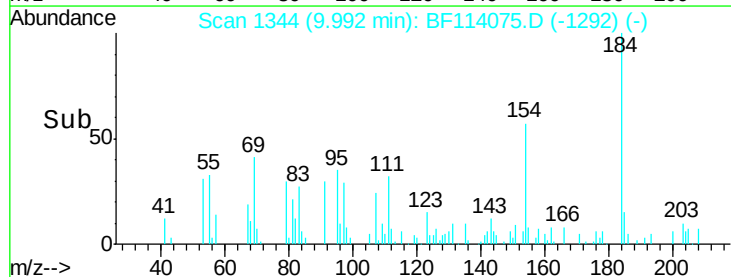


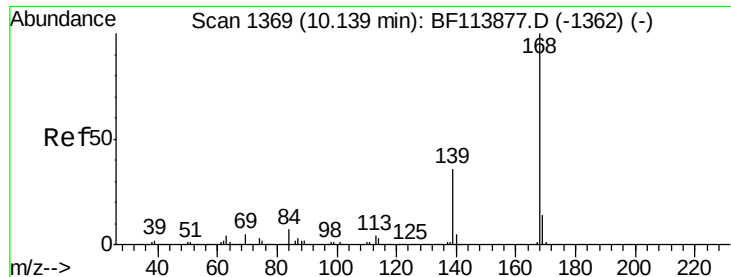
#54
2,4-Dinitrophenol
Concen: 13.175 ng
RT: 9.99 min Scan# 1344
Delta R.T. 0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Tgt Ion:184 Resp: 5740
Ion Ratio Lower Upper
184 100
63 57.4 54.6 81.8
154 64.3 218.6 328.0#



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

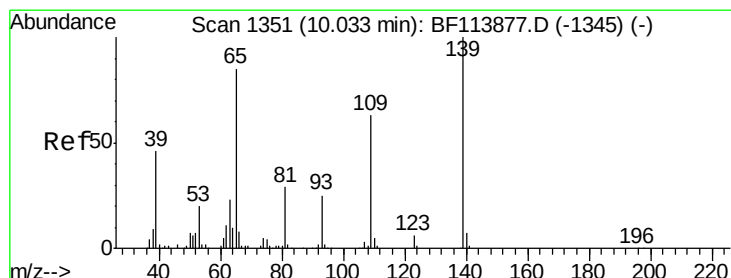
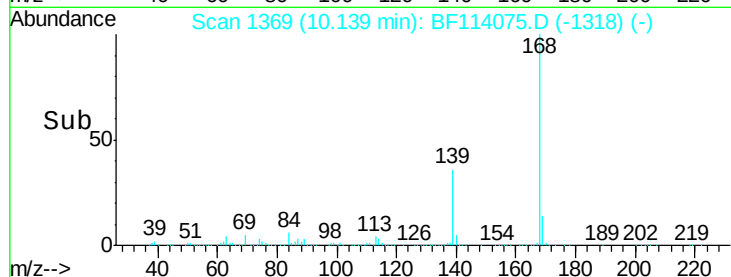
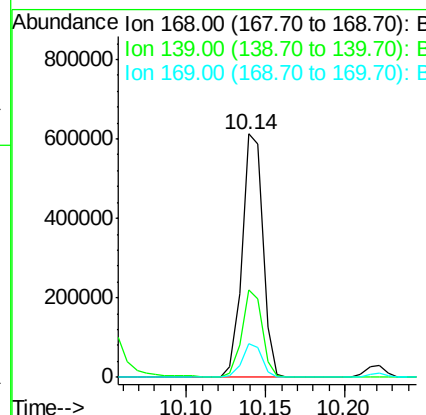
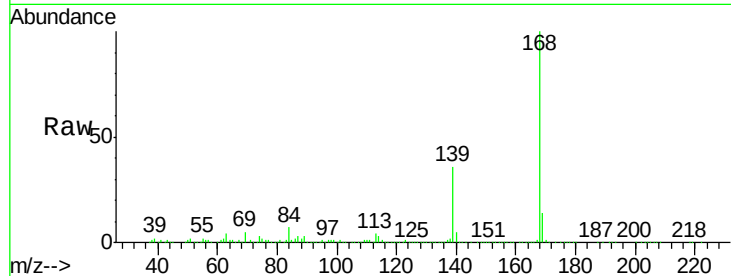




#55
Dibenzofuran
Concen: 41.009 ng
RT: 10.14 min Scan# 1369
Delta R.T. 0.00 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

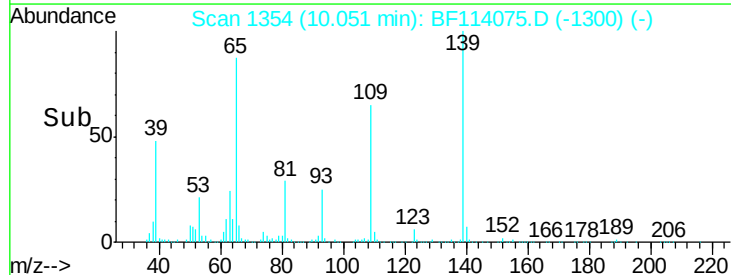
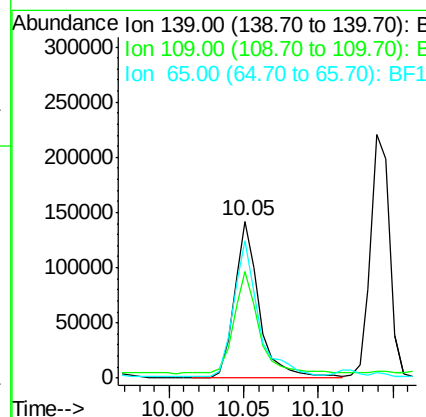
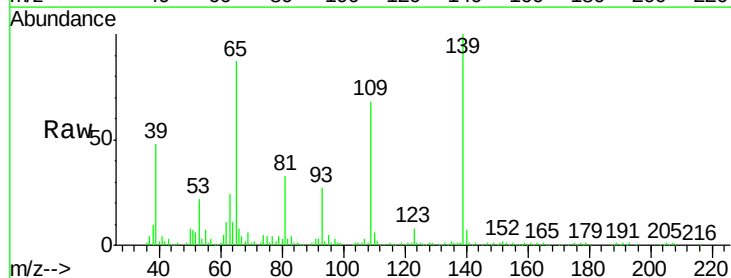
Instrument :
BNA_F
ClientSampled :

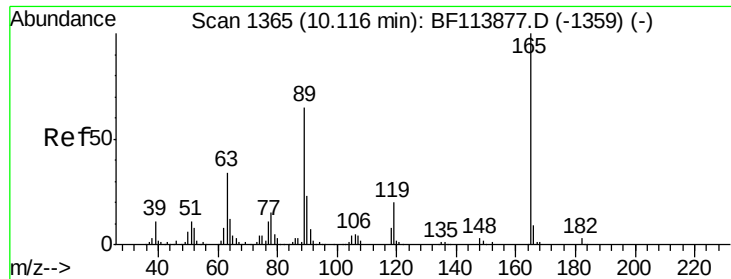
Tot Ion:168 Resp: 557009
Ion Ratio Lower Upper
168 100
139 36.0 27.8 41.6
169 13.9 11.0 16.6



#56
4-Nitrophenol
Concen: 80.188 ng
RT: 10.05 min Scan# 1354
Delta R.T. 0.02 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Tgt Ion:139 Resp: 163308
Ion Ratio Lower Upper
139 100
109 68.0 42.9 82.9
65 87.2 64.4 104.4





#57

2,4-Dinitrotoluene

Concen: 38.209 ng

RT: 10.12 min Scan# 1366

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 118052

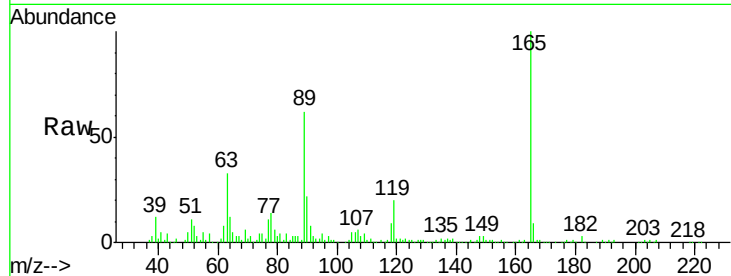
Ion Ratio Lower Upper

165 100

63 33.1 27.4 41.0

89 61.5 51.8 77.6

182 2.8 2.2 3.2

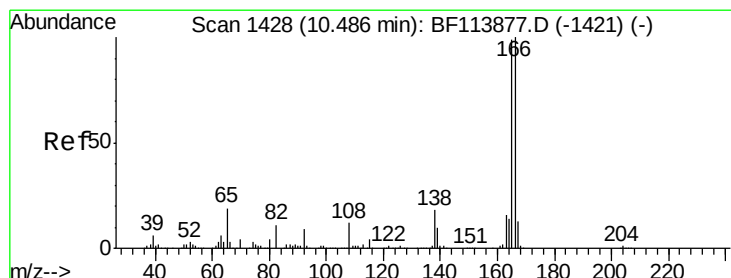
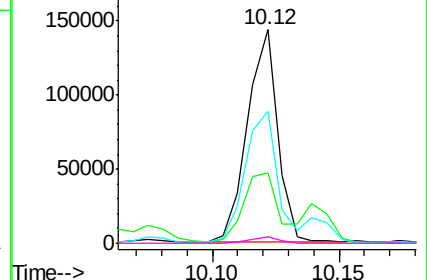
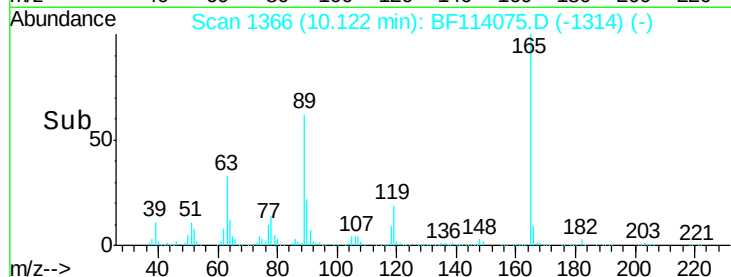


Abundance Ion 165.00 (164.70 to 165.70): E

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: 40.686 ng

RT: 10.49 min Scan# 1428

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

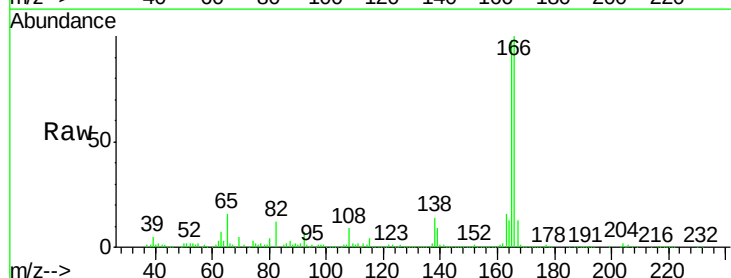
Tgt Ion:166 Resp: 416051

Ion Ratio Lower Upper

166 100

165 97.8 78.4 117.6

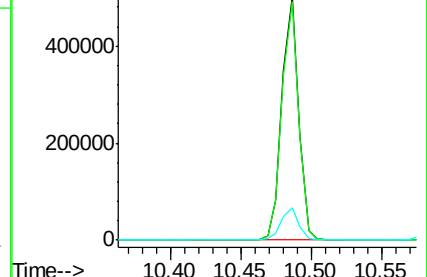
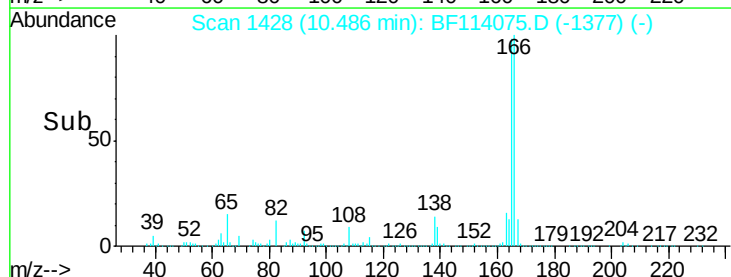
167 13.4 10.9 16.3

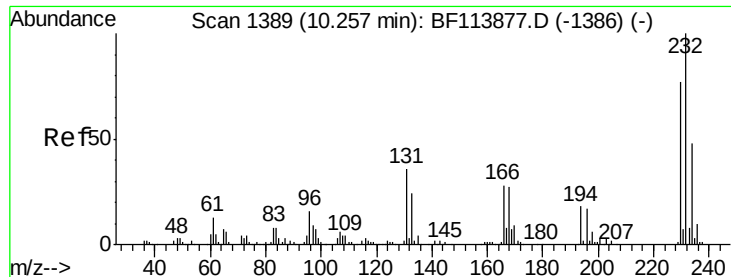


Abundance Ion 166.00 (165.70 to 166.70): E

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: 39.988 ng

RT: 10.26 min Scan# 1390

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:232 Resp: 128261

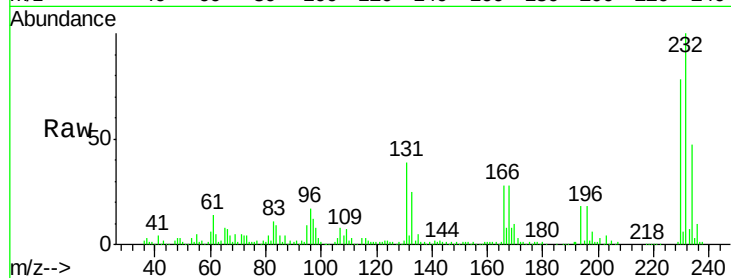
Ion Ratio Lower Upper

232 100

131 37.5 30.2 45.2

130 1.8 1.5 2.3

166 26.8 22.2 33.4

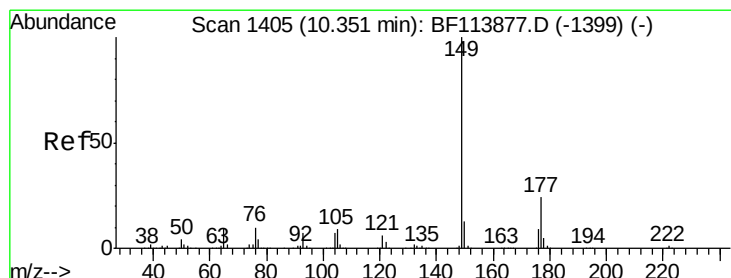
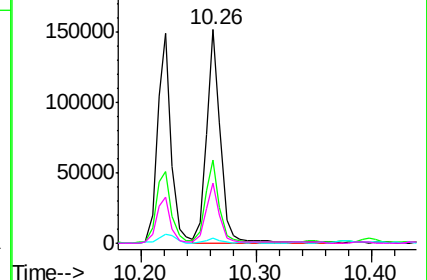
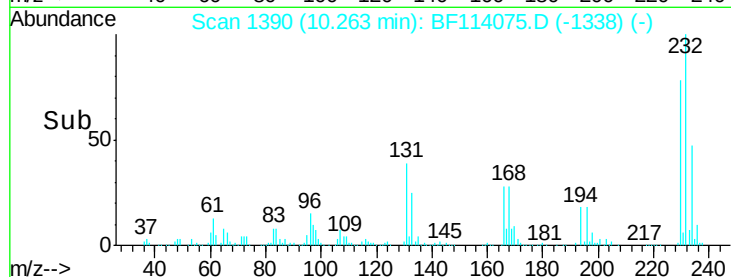


Abundance Ion 232.00 (231.70 to 232.70): E

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: 43.408 ng

RT: 10.35 min Scan# 1405

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

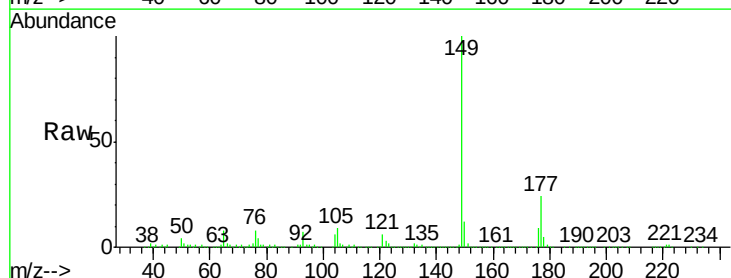
Tgt Ion:149 Resp: 470307

Ion Ratio Lower Upper

149 100

177 23.9 19.2 28.8

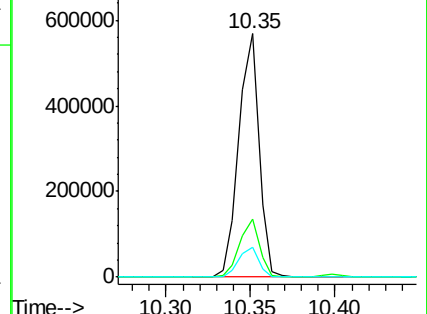
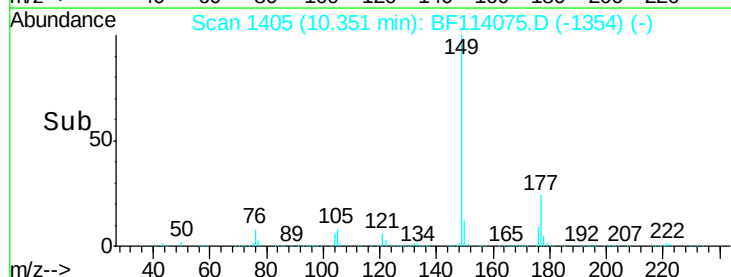
150 12.0 10.3 15.5

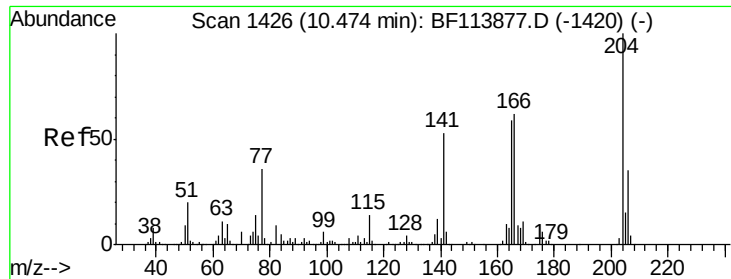


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

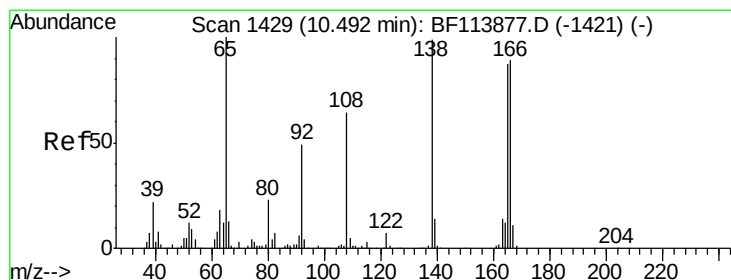
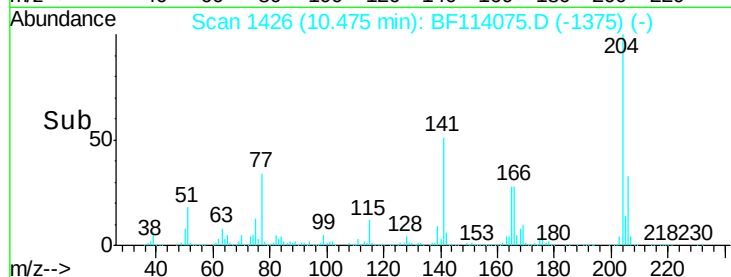
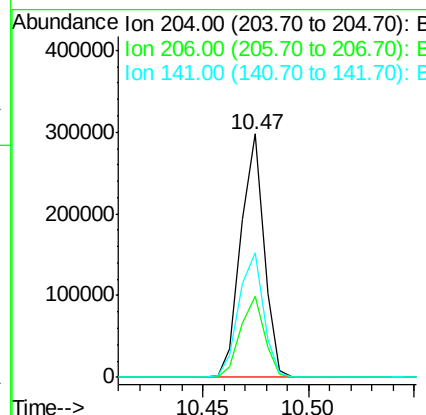
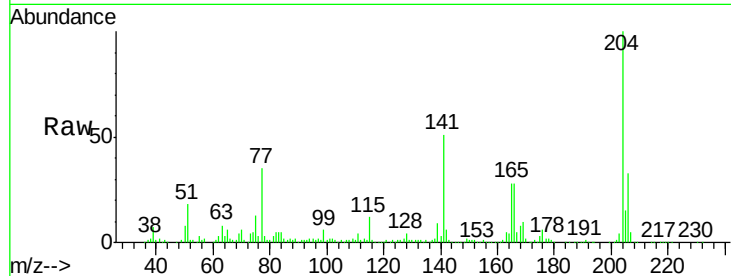




#61
 4-Chlorophenyl-phenylether
 Concen: 41.674 ng
 RT: 10.47 min Scan# 1426
 Delta R.T. 0.00 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

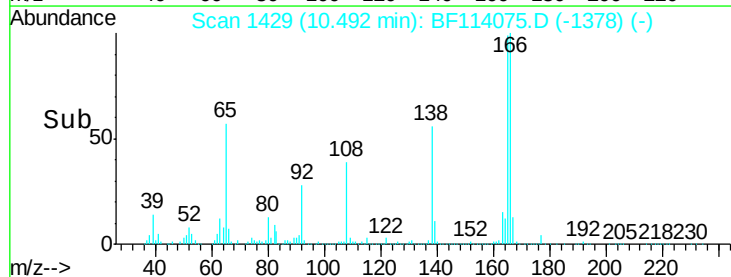
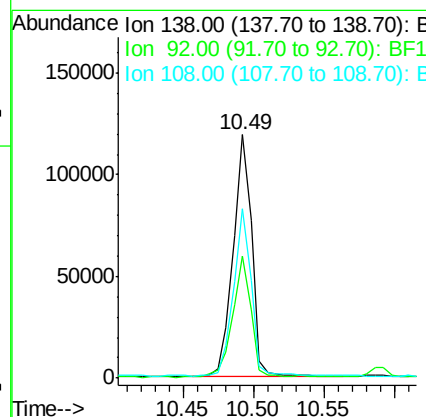
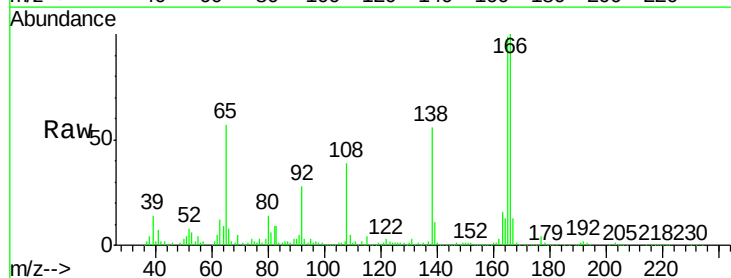
Instrument :
 BNA_F
 ClientSampleId :

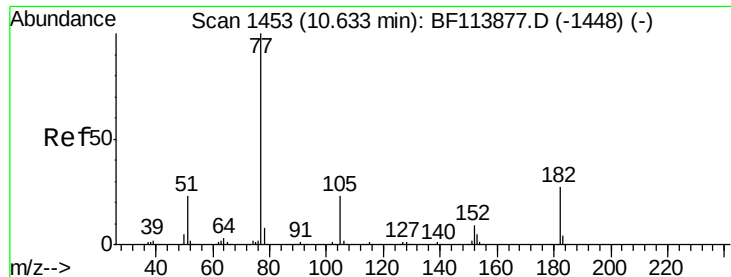
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.4	41.2
141	51.2	42.6	63.8



#62
 4-Nitroaniline
 Concen: 43.661 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. 0.00 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.2	31.3	71.3
108	69.8	48.9	88.9





#63

Azobenzene

Concen: 37.478 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 393550

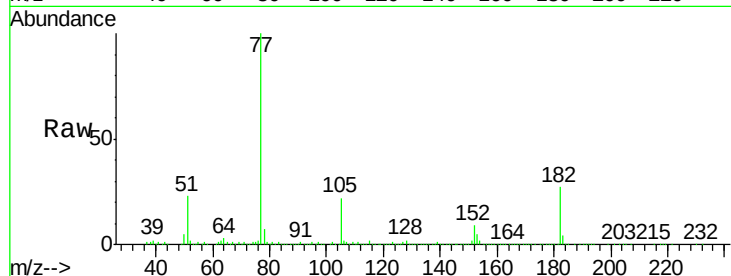
Ion Ratio Lower Upper

77 100

182 26.8 4.4 44.4

105 22.2 2.2 42.2

51 23.4 3.9 43.9

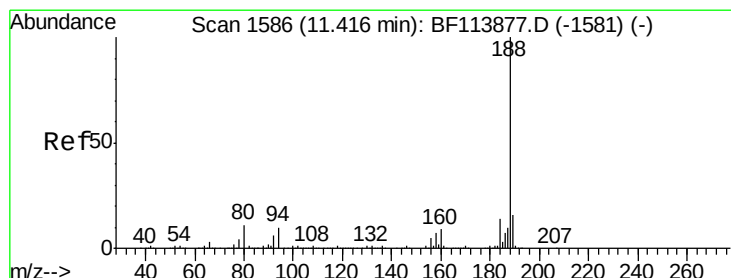
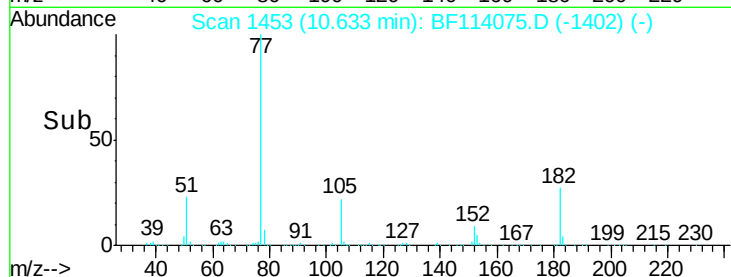
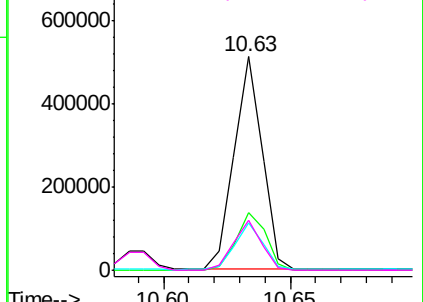


Abundance Ion 77.00 (76.70 to 77.70): BF1

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# 1587

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

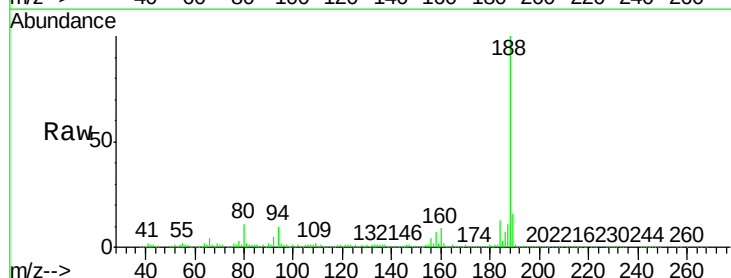
Tgt Ion: 188 Resp: 292239

Ion Ratio Lower Upper

188 100

94 9.6 8.2 12.4

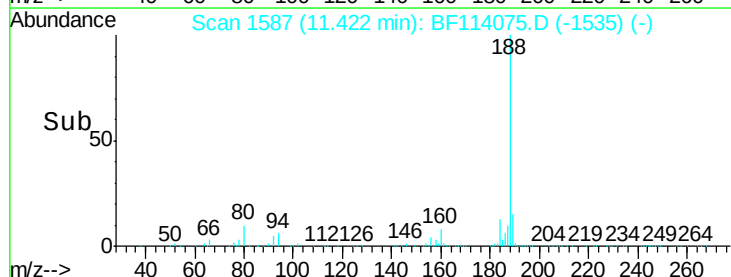
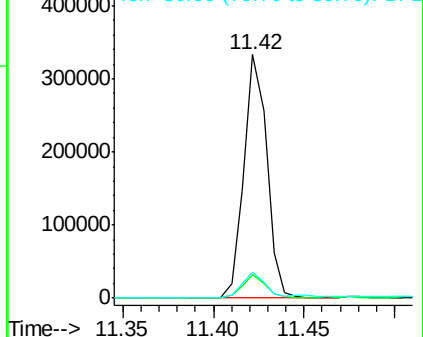
80 10.6 9.0 13.6

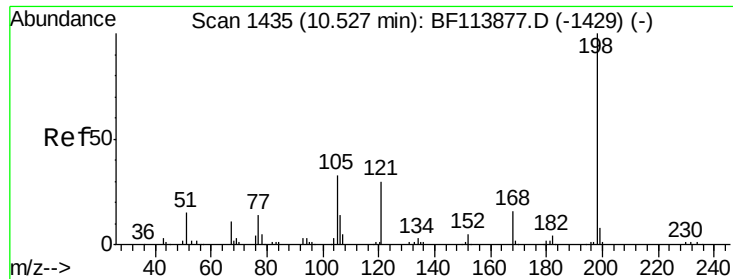


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

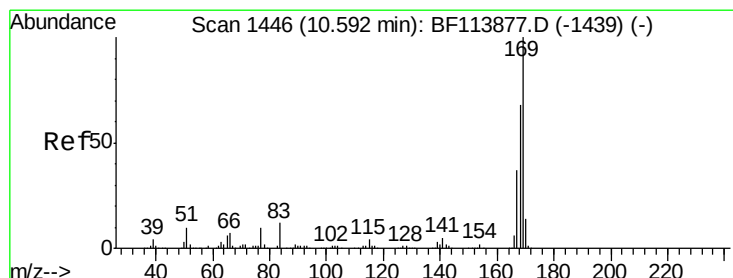
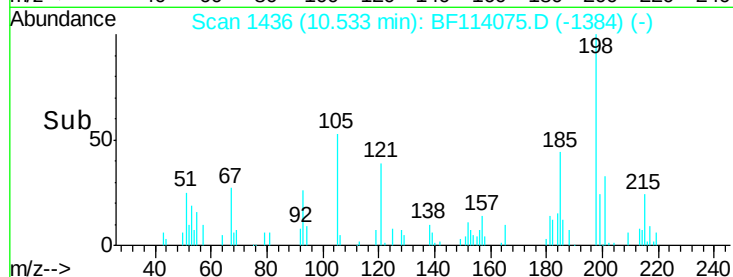
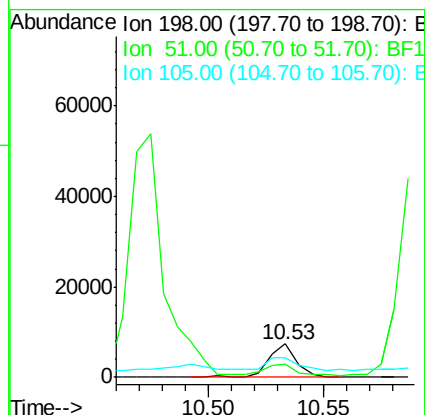
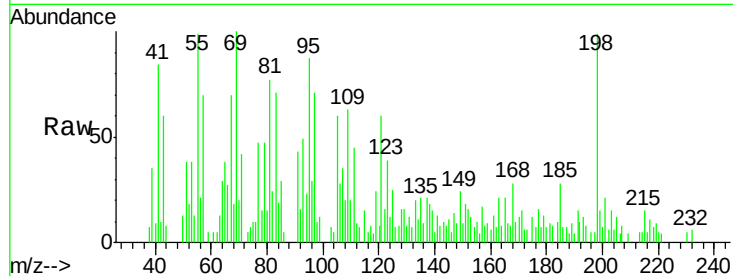




#65
 4,6-Dinitro-2-methylphenol
 Concen: 11.149 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. 0.01 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

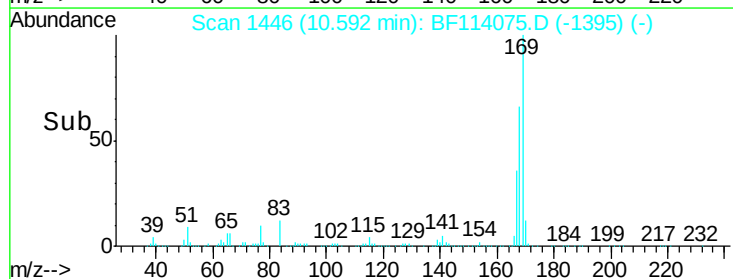
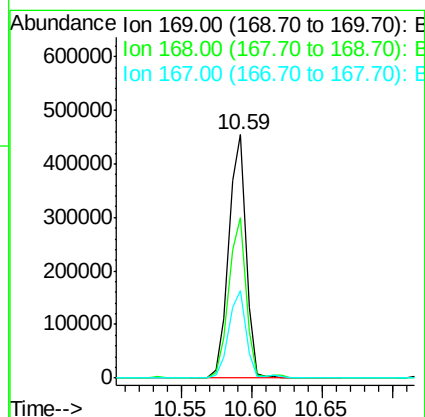
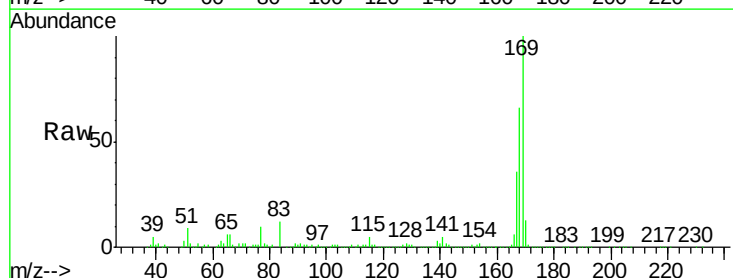
Instrument :
 BNA_F
 ClientSampleId :

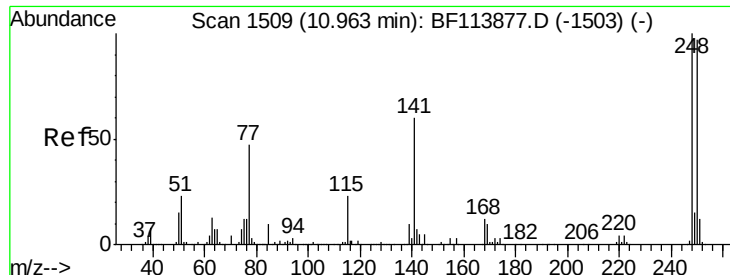
Tot Ion:198 Resp: 6069
 Ion Ratio Lower Upper
 198 100
 51 37.8 11.1 51.1
 105 60.2 20.7 60.7



#66
 n-Nitrosodiphenylamine
 Concen: 44.153 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.00 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

Tgt Ion:169 Resp: 387162
 Ion Ratio Lower Upper
 169 100
 168 66.1 54.3 81.5
 167 35.9 29.4 44.0

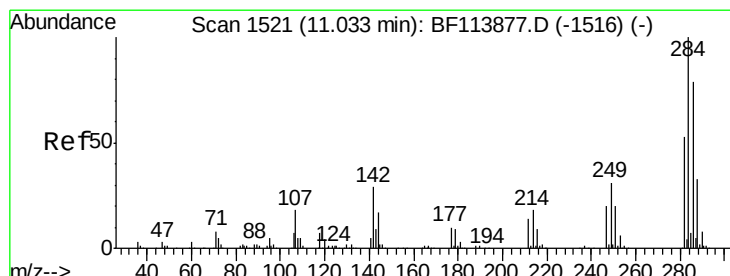
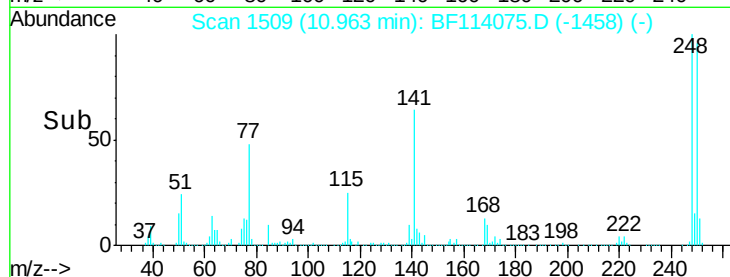
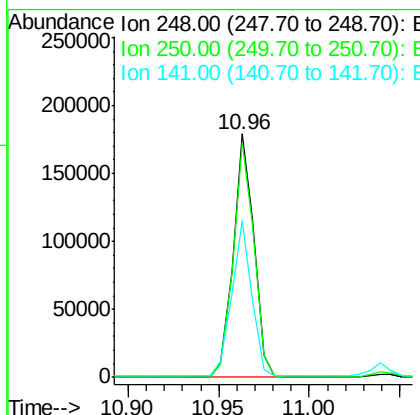
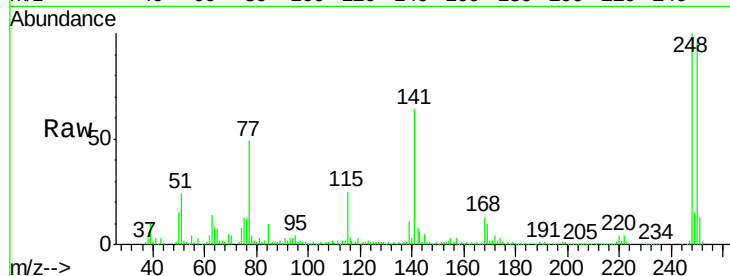




#67
4-Bromophenyl-phenylether
Concen: 40.370 ng
RT: 10.96 min Scan# 1509
Delta R.T. 0.00 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

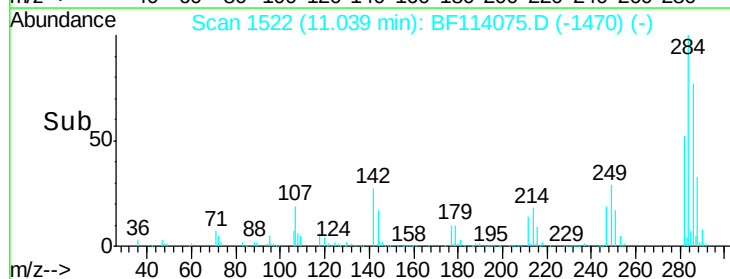
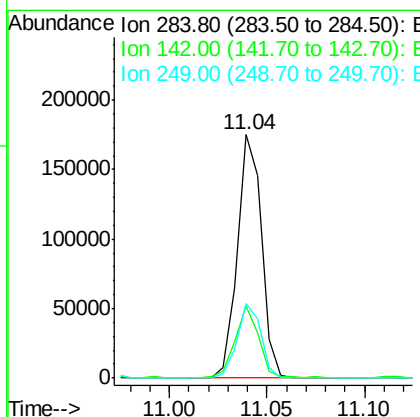
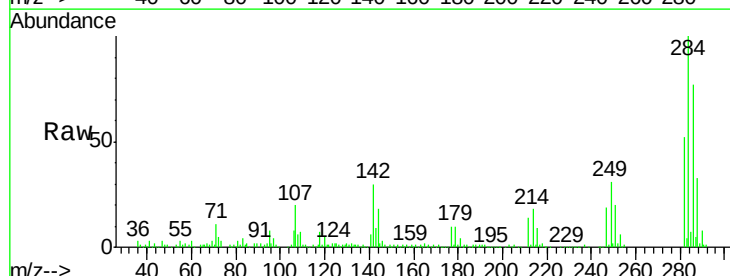
Instrument :
BNA_F
ClientSampled :

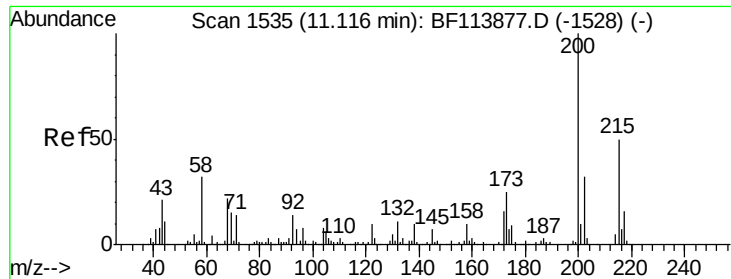
Tot Ion:248 Resp: 142521
Ion Ratio Lower Upper
248 100
250 96.3 75.8 113.6
141 64.2 50.2 75.4



#68
Hexachlorobenzene
Concen: 38.713 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Tgt Ion:284 Resp: 150189
Ion Ratio Lower Upper
284 100
142 29.7 23.0 34.4
249 30.7 24.4 36.6





#69

Atrazine

Concen: 42.242 ng

RT: 11.12 min Scan# 1535

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

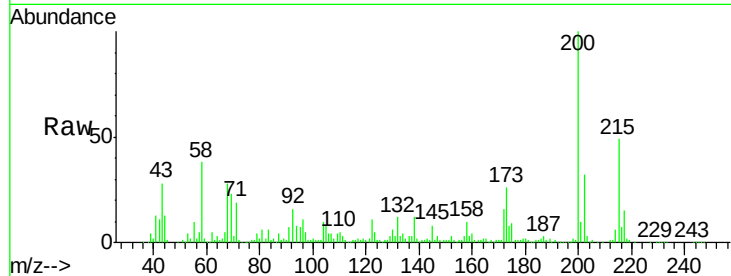
Tot Ion:200 Resp: 120496

Ion Ratio Lower Upper

200 100

173 25.8 5.9 45.9

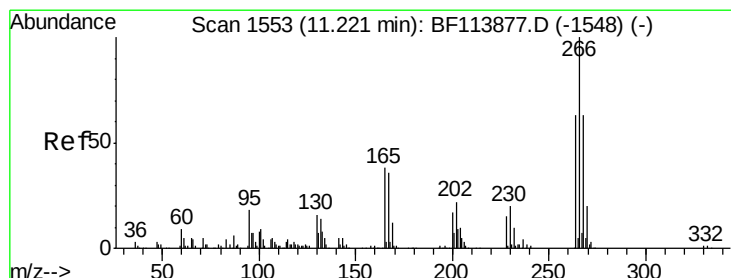
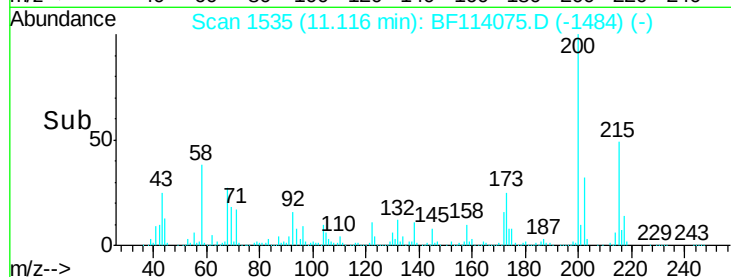
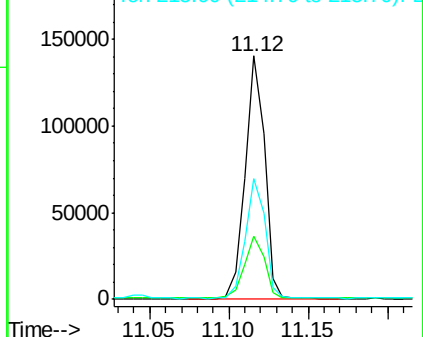
215 49.4 29.3 69.3



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: 70.566 ng

RT: 11.23 min Scan# 1555

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

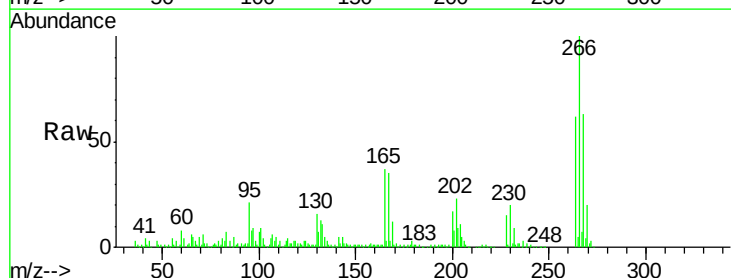
Tgt Ion:266 Resp: 155001

Ion Ratio Lower Upper

266 100

268 63.3 53.5 80.3

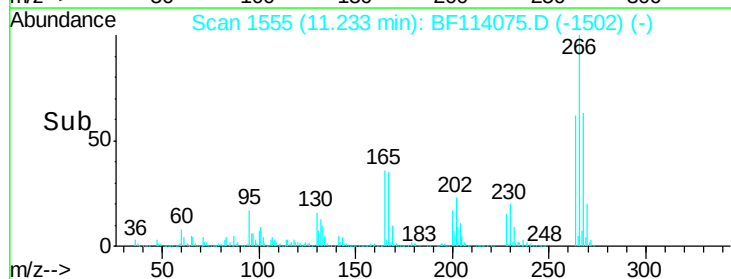
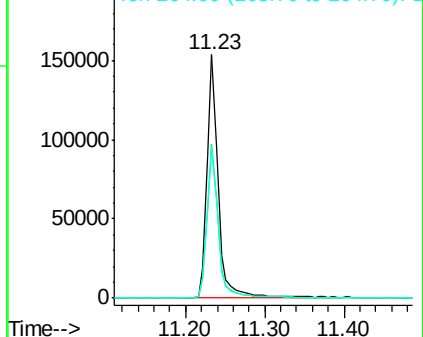
264 62.5 51.0 76.6

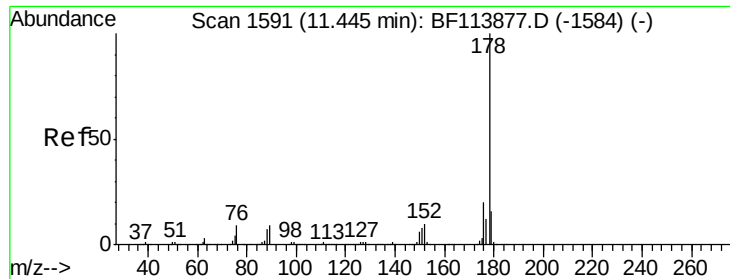


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 41.428 ng

RT: 11.45 min Scan# 1592

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

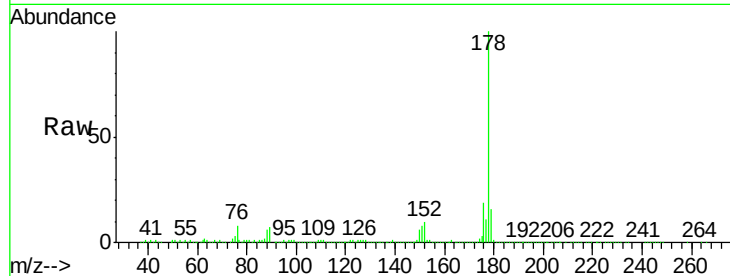
Tot Ion:178 Resp: 608437

Ion Ratio Lower Upper

178 100

176 19.2 16.1 24.1

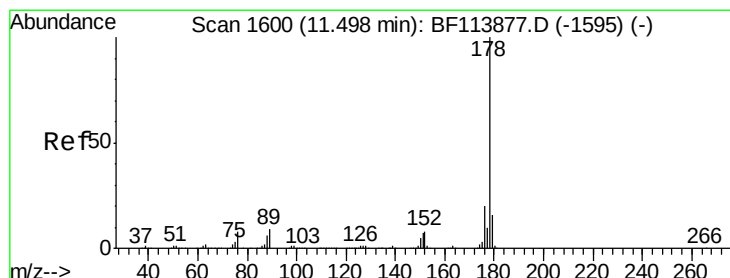
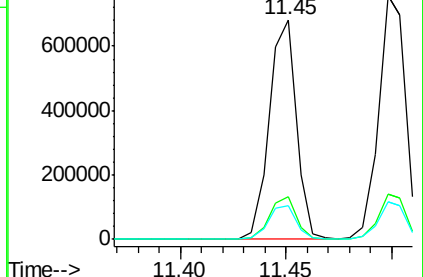
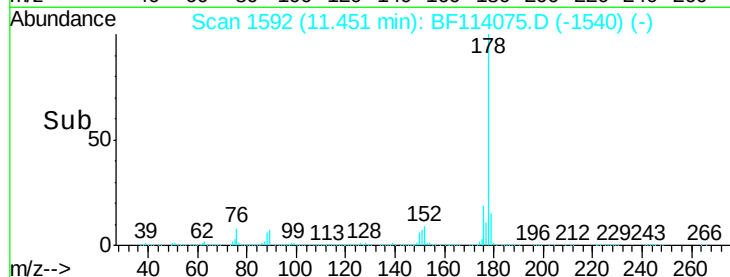
179 15.5 12.8 19.2



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: 45.354 ng

RT: 11.50 min Scan# 1600

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

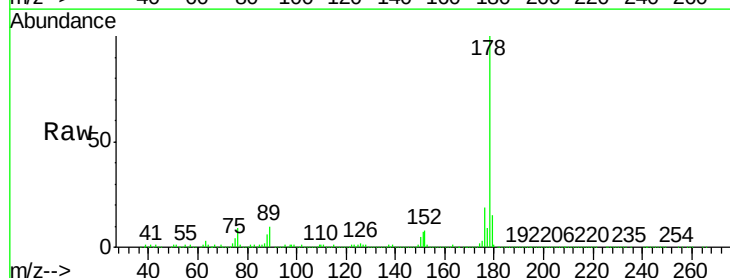
Tgt Ion:178 Resp: 672652

Ion Ratio Lower Upper

178 100

176 18.7 15.7 23.5

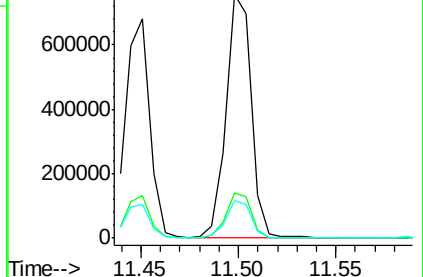
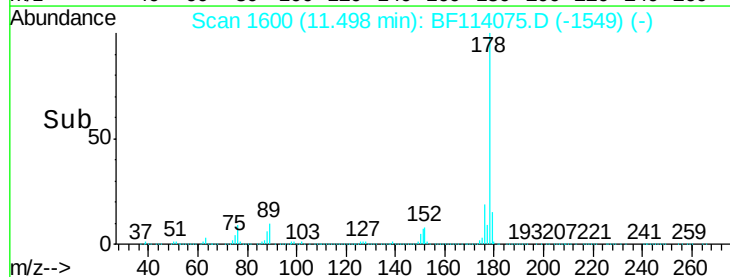
179 15.4 13.0 19.4

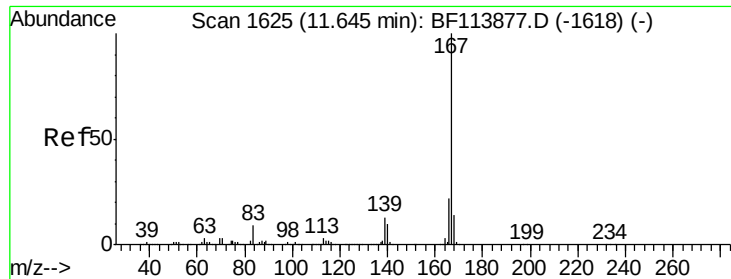


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

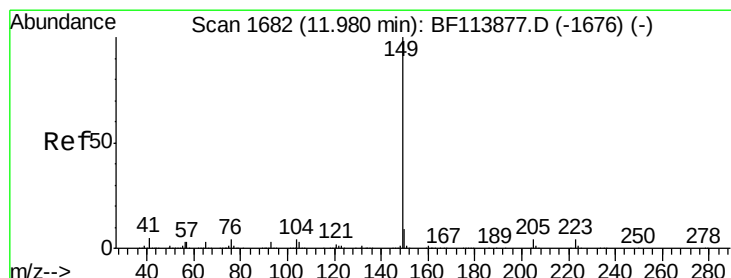
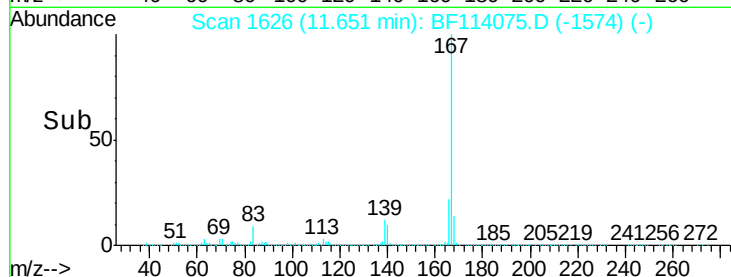
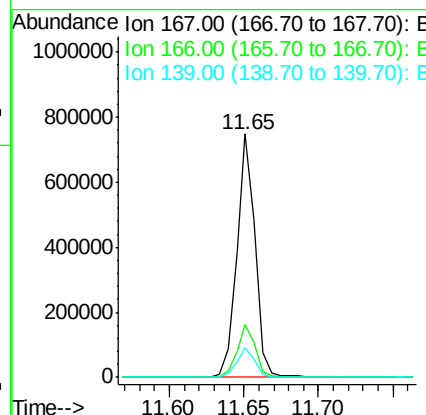
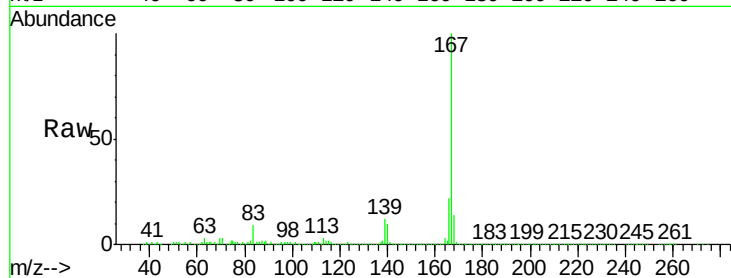




#73
 Carbazole
 Concen: 48.360 ng
 RT: 11.65 min Scan# 1626
 Delta R.T. 0.01 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

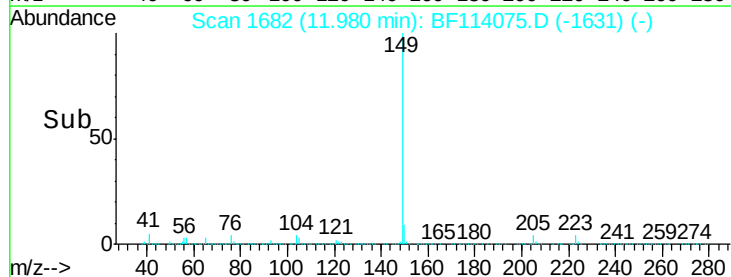
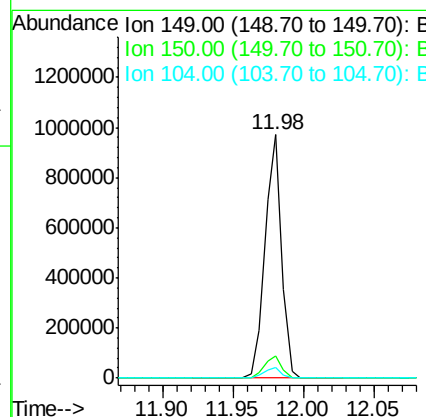
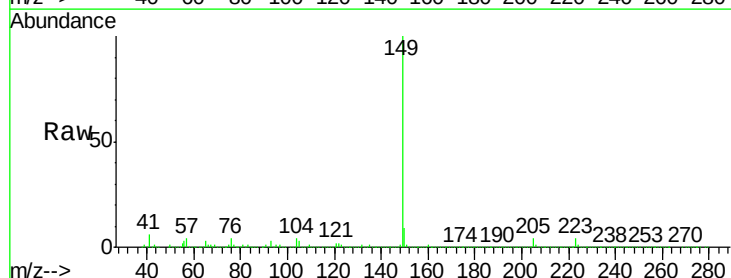
Instrument :
 BNA_F
 ClientSampleId :

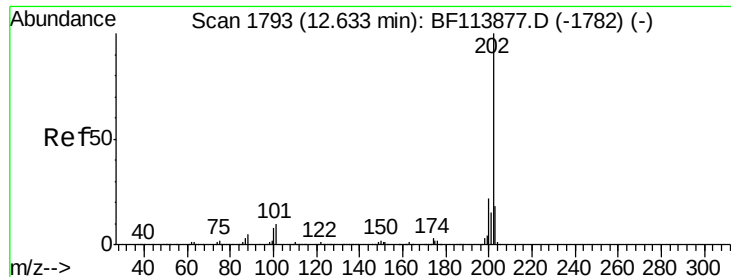
Tot Ion:167 Resp: 639877
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.7 26.5
 139 12.5 10.0 15.0



#74
 Di-n-butylphthalate
 Concen: 51.362 ng
 RT: 11.98 min Scan# 1682
 Delta R.T. 0.00 min
 Lab File: BF114075.D
 Acq: 1 May 2019 18:13

Tgt Ion:149 Resp: 799427
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.8 11.8
 104 4.3 3.8 5.8





#75

Fluoranthene

Concen: 41.407 ng

RT: 12.65 min Scan# 1795

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

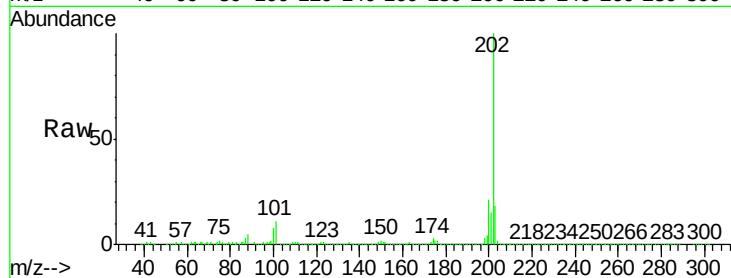
Tot Ion:202 Resp: 663478

Ion Ratio Lower Upper

202 100

101 11.1 0.0 32.9

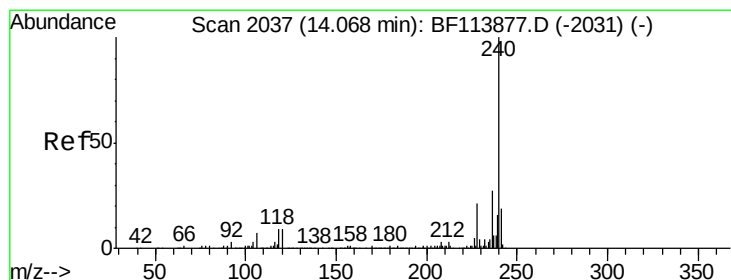
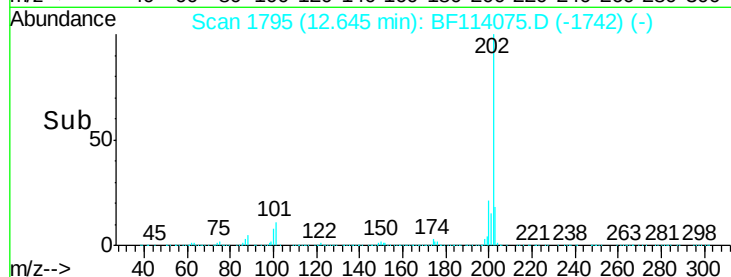
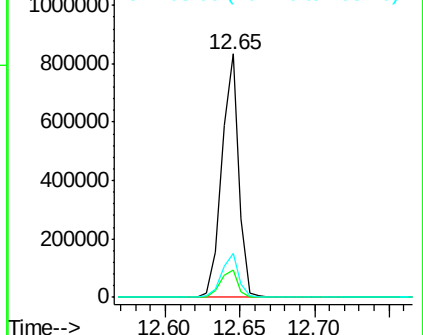
203 17.8 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2037

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

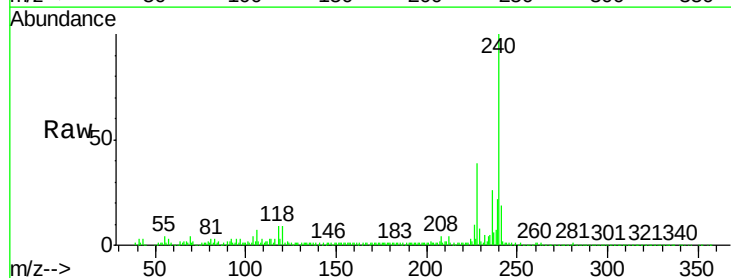
Tgt Ion:240 Resp: 231245

Ion Ratio Lower Upper

240 100

120 9.4 9.3 13.9

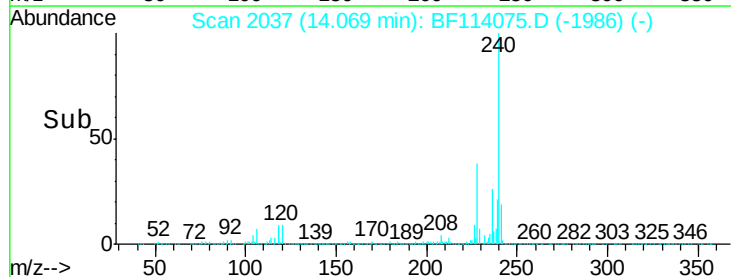
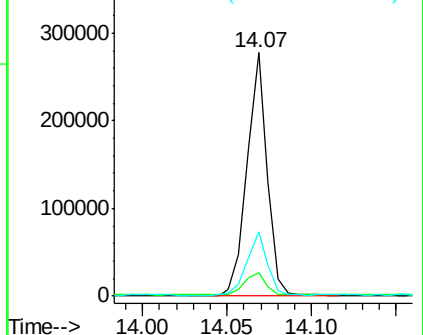
236 26.2 21.2 31.8

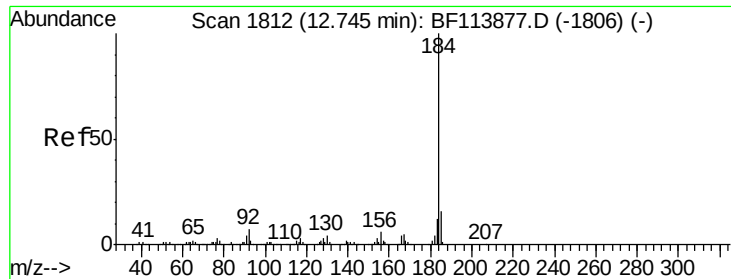


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 16.236 ng

RT: 12.75 min Scan# 1813

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

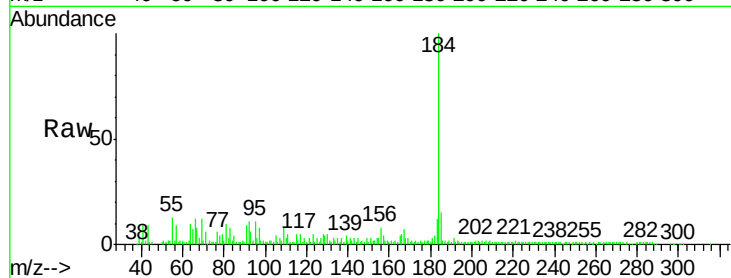
Tot Ion:184 Resp: 111866

Ion Ratio Lower Upper

184 100

185 15.3 13.0 19.6

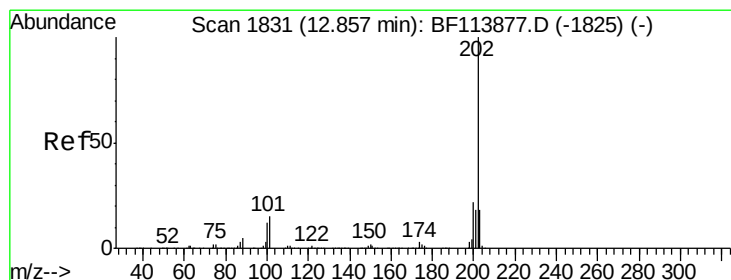
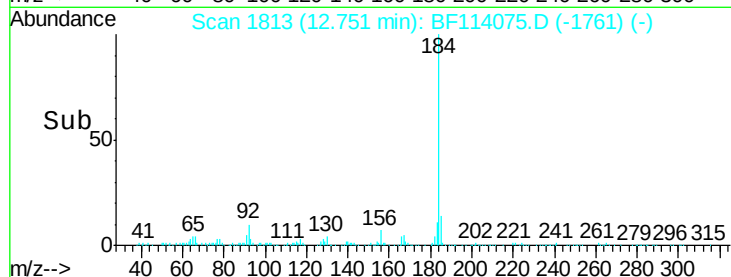
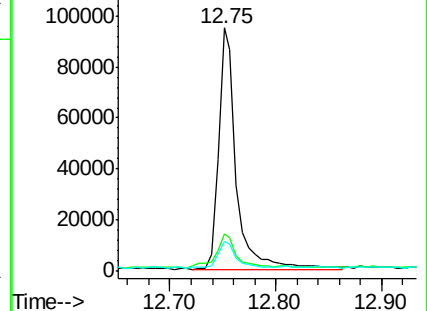
183 12.3 9.4 14.0



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: 41.047 ng

RT: 12.87 min Scan# 1833

Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

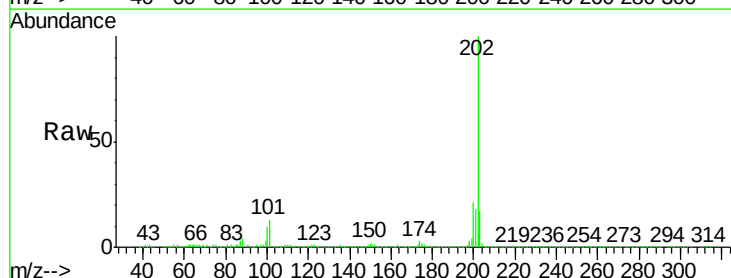
Tgt Ion:202 Resp: 663785

Ion Ratio Lower Upper

202 100

200 21.4 17.7 26.5

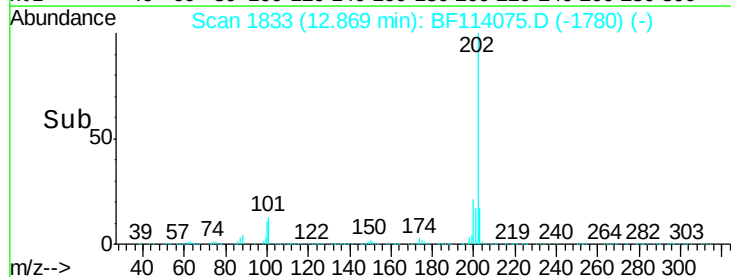
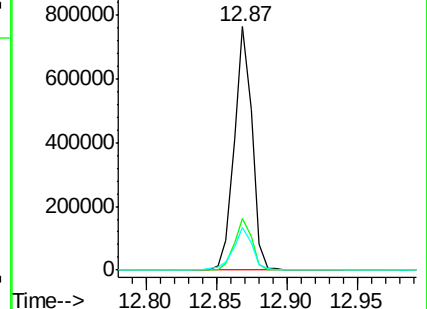
203 17.5 15.0 22.6

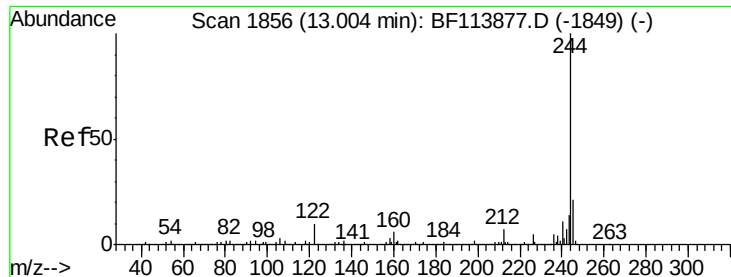


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.795 ng

RT: 13.00 min Scan# 1856

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampled :

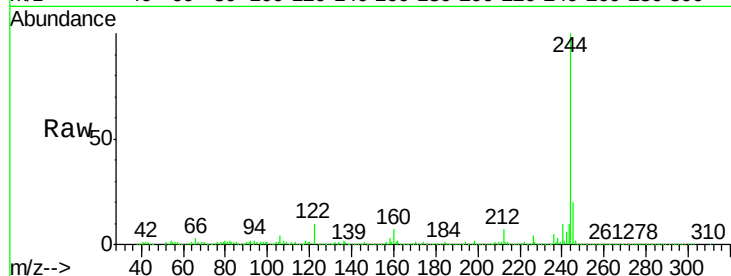
Tot Ion:244 Resp: 900054

Ion Ratio Lower Upper

244 100

212 7.1 5.4 8.2

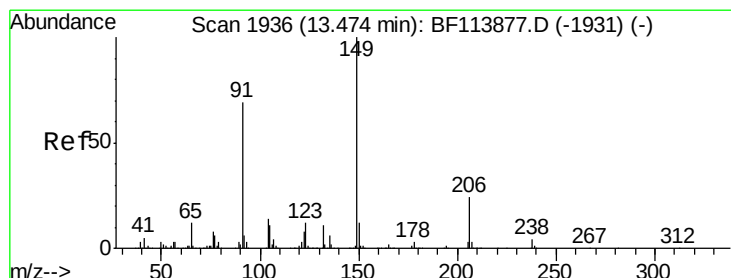
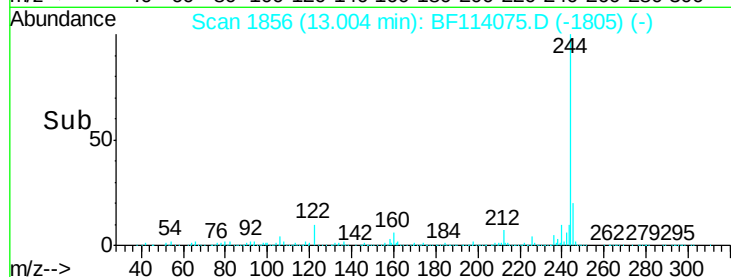
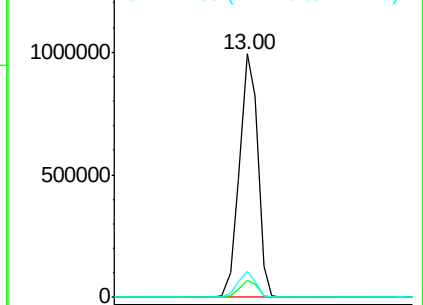
122 10.5 7.6 11.4



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 45.783 ng

RT: 13.47 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

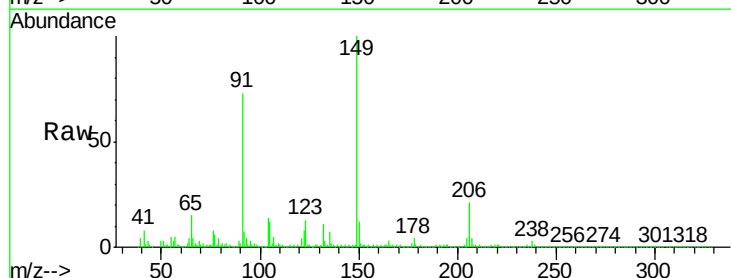
Tgt Ion:149 Resp: 291297

Ion Ratio Lower Upper

149 100

91 72.8 56.3 84.5

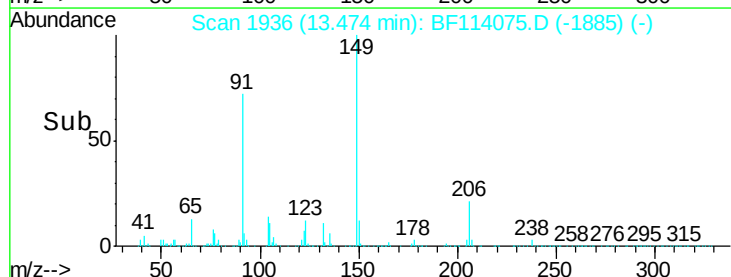
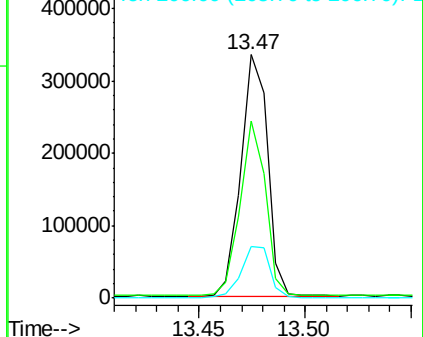
206 21.2 19.0 28.6

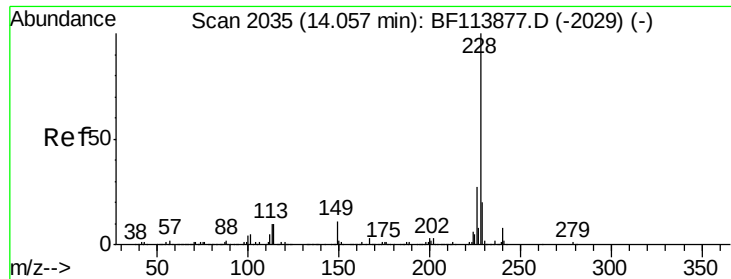


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

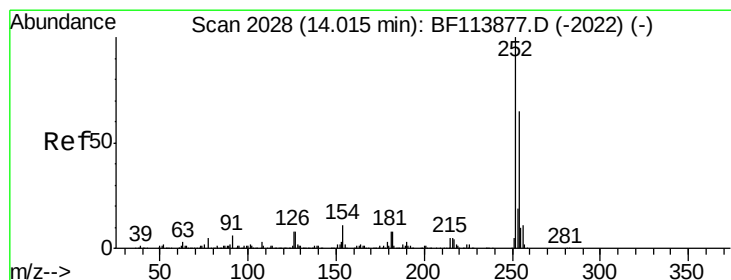
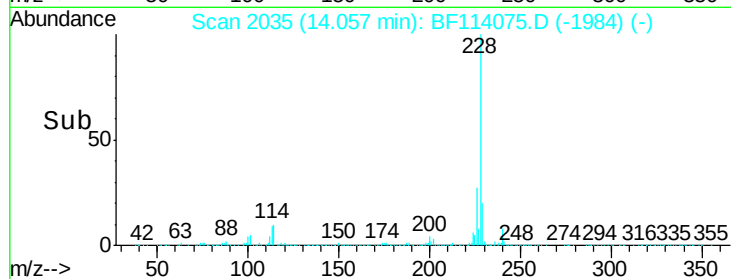
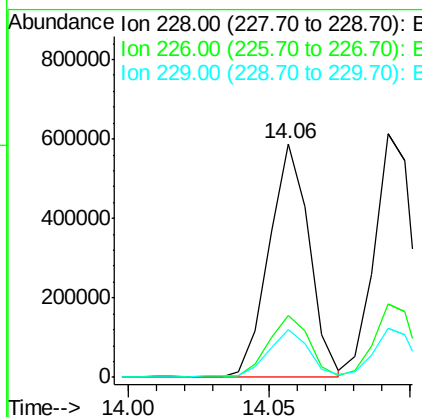
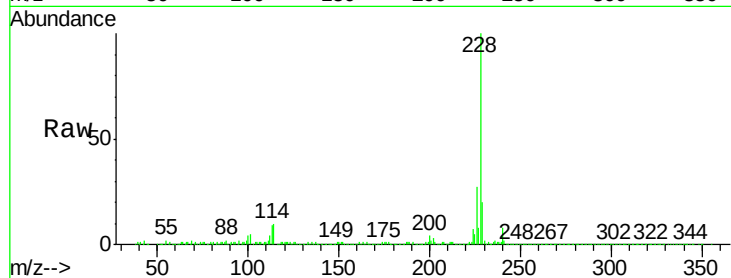




#81
Benzo(a)anthracene
Concen: 42.299 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.00 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

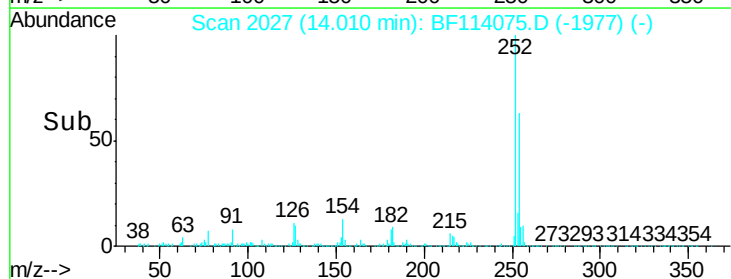
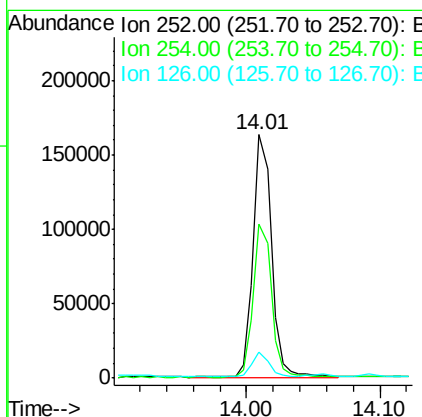
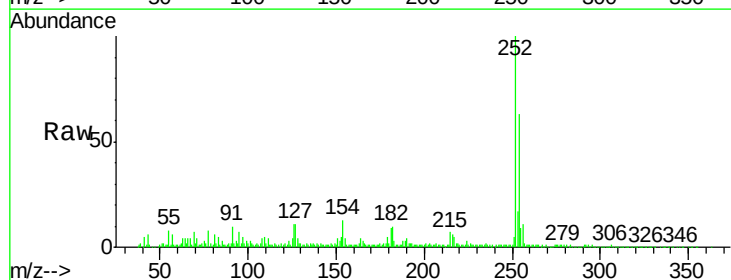
Instrument :
BNA_F
ClientSampleId :

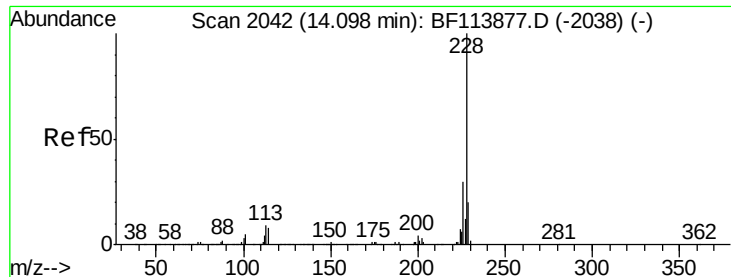
Tot Ion:228 Resp: 576299
Ion Ratio Lower Upper
228 100
226 26.7 22.2 33.2
229 20.4 16.0 24.0



#82
3,3'-Dichlorobenzidine
Concen: 30.816 ng
RT: 14.01 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Tgt Ion:252 Resp: 153891
Ion Ratio Lower Upper
252 100
254 63.3 52.1 78.1
126 10.9 9.3 13.9

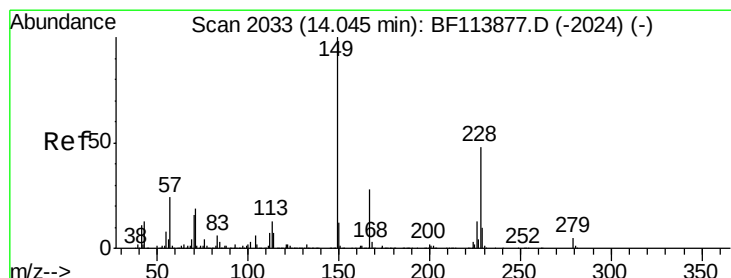
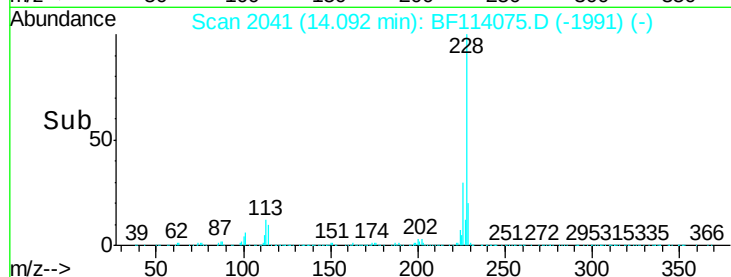
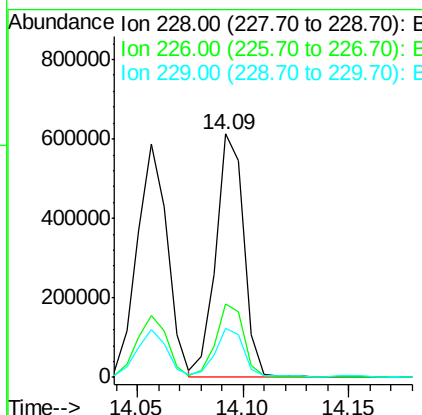
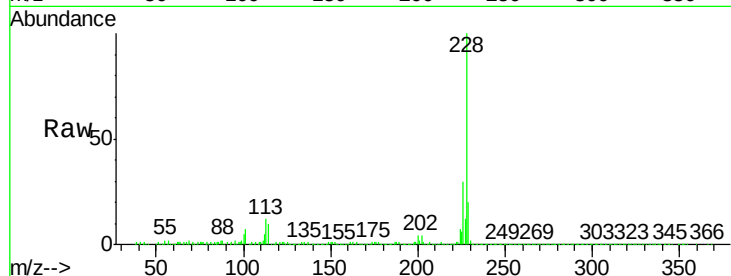




#83
Chrysene
Concen: 42.040 ng
RT: 14.09 min Scan# 2041
Delta R.T. -0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

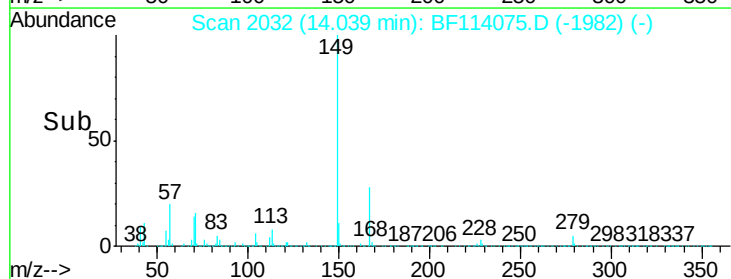
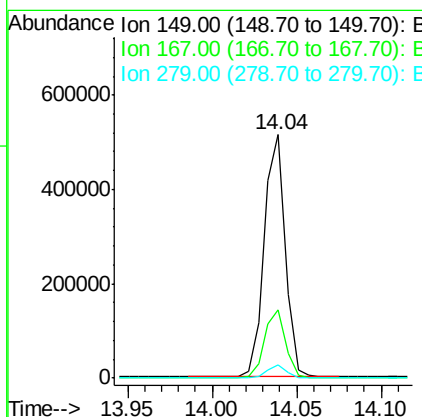
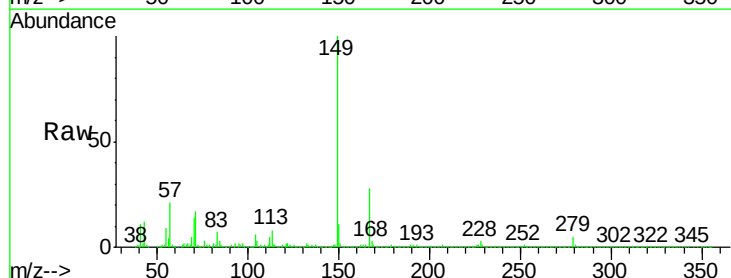
Instrument :
BNA_F
ClientSampleId :

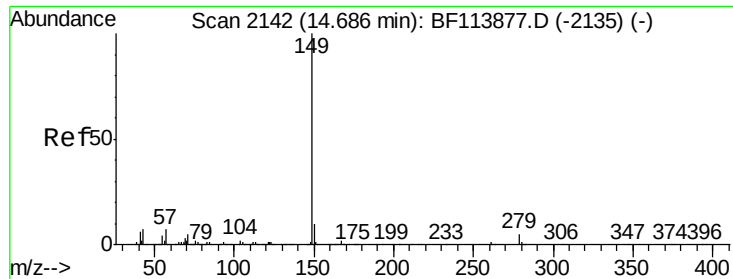
Tot Ion:228 Resp: 557827
Ion Ratio Lower Upper
228 100
226 30.0 25.2 37.8
229 20.3 16.7 25.1



#84
Bis(2-ethylhexyl)phthalate
Concen: 54.707 ng
RT: 14.04 min Scan# 2032
Delta R.T. -0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Tgt Ion:149 Resp: 442859
Ion Ratio Lower Upper
149 100
167 28.0 22.9 34.3
279 5.2 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 63.055 ng

RT: 14.66 min Scan# 2137

Delta R.T. -0.03 min

Lab File: BF114075.D

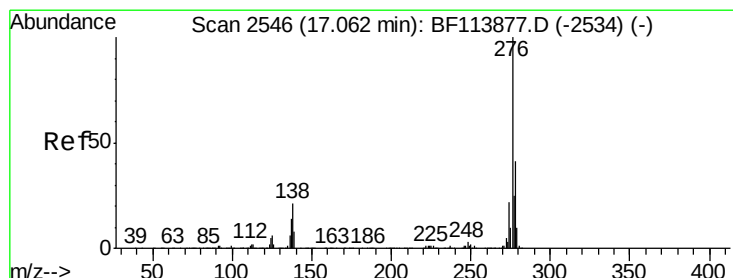
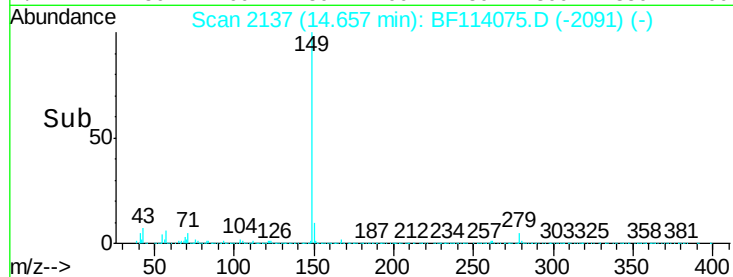
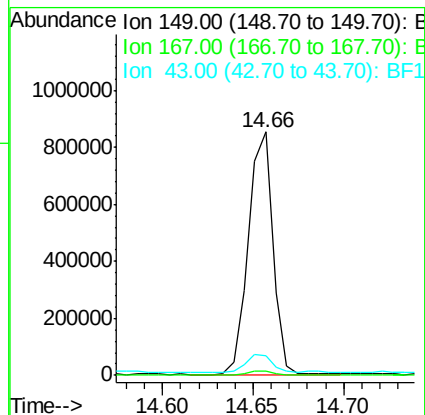
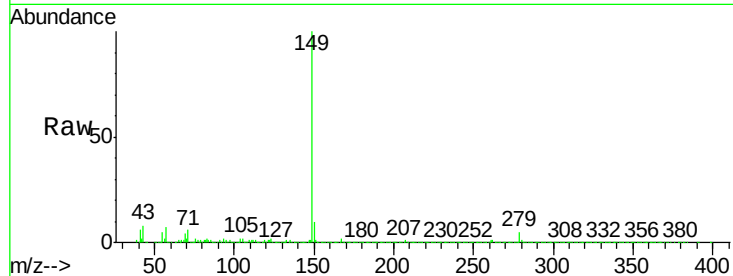
Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

Tot Ion:149	Resp:	798959
Ion Ratio	Lower	Upper
149	100	
167	1.6	1.3 1.9
43	7.8	6.6 10.0



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.477 ng

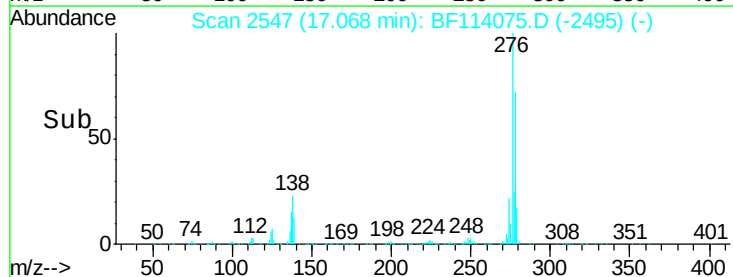
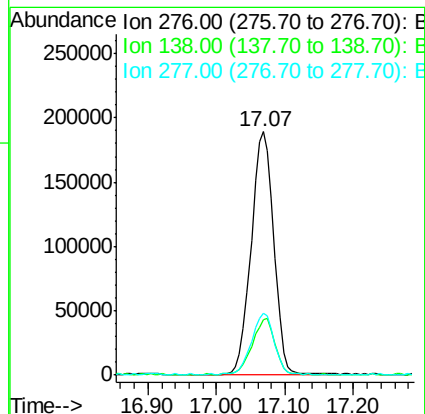
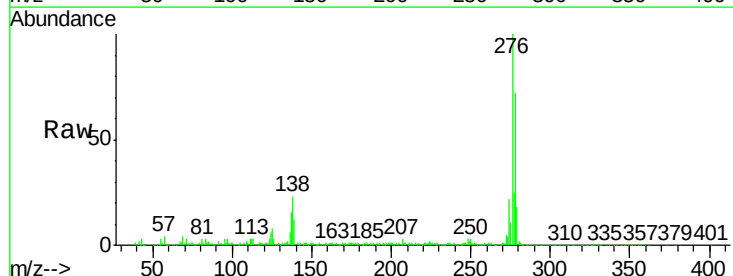
RT: 17.07 min Scan# 2547

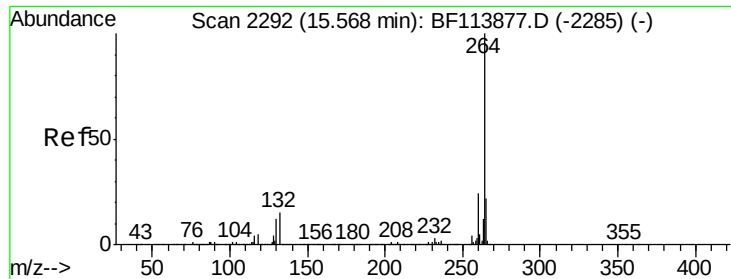
Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Tgt Ion:276	Resp:	433330
Ion Ratio	Lower	Upper
276	100	
138	22.9	19.6 29.4
277	24.7	20.2 30.4





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2290

Delta R.T. -0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Instrument :

BNA_F

ClientSampleId :

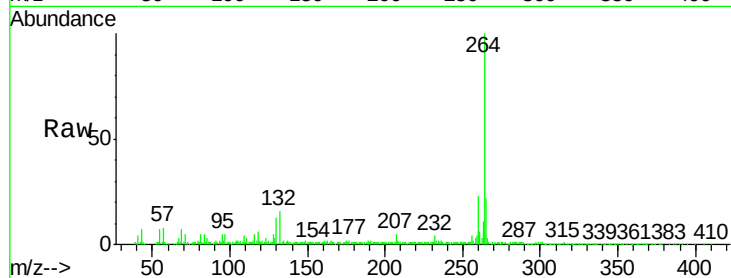
Tot Ion:264 Resp: 190969

Ion Ratio Lower Upper

264 100

260 23.5 18.9 28.3

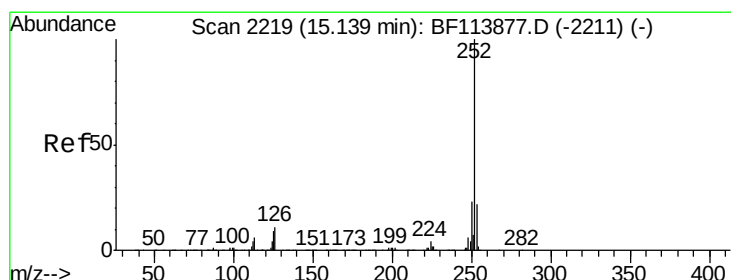
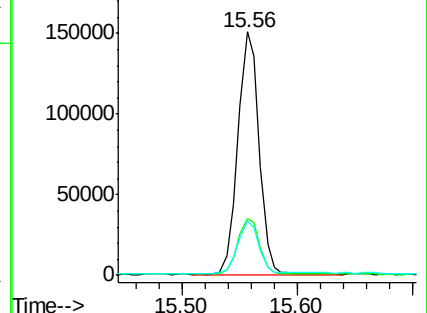
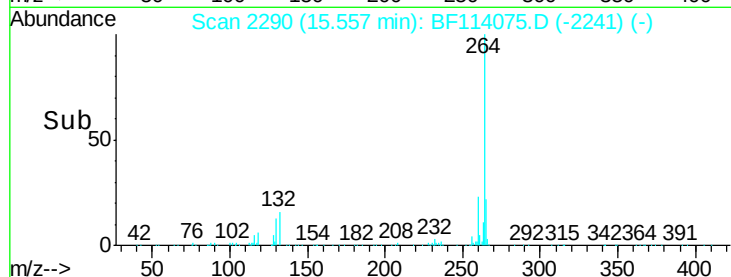
265 22.4 17.3 25.9



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: 45.546 ng

RT: 15.12 min Scan# 2216

Delta R.T. -0.02 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

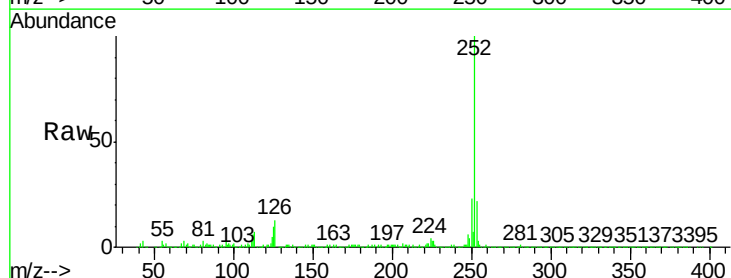
Tgt Ion:252 Resp: 550312

Ion Ratio Lower Upper

252 100

253 22.3 17.8 26.6

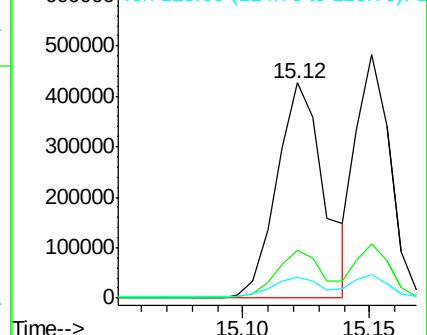
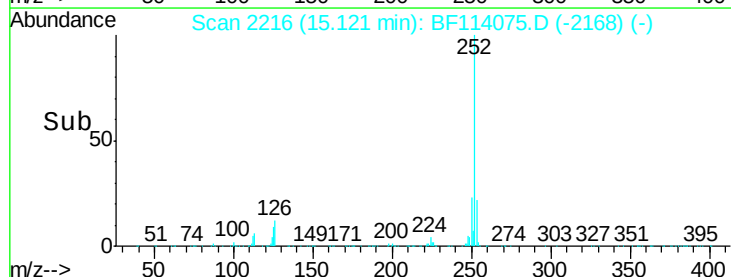
125 10.0 7.0 10.6

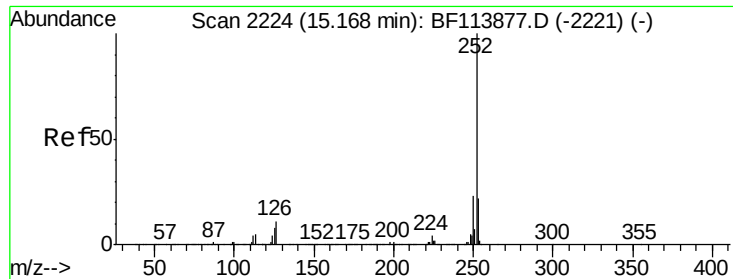


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

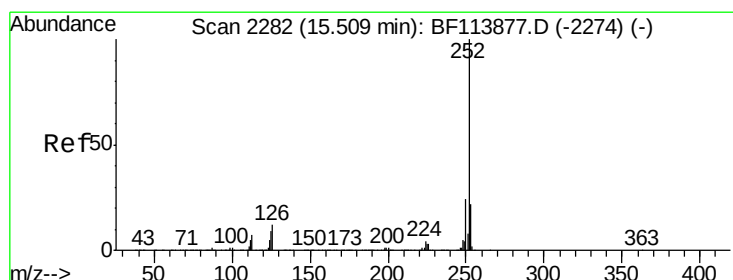
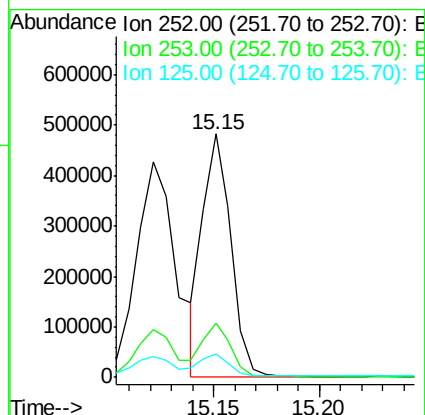
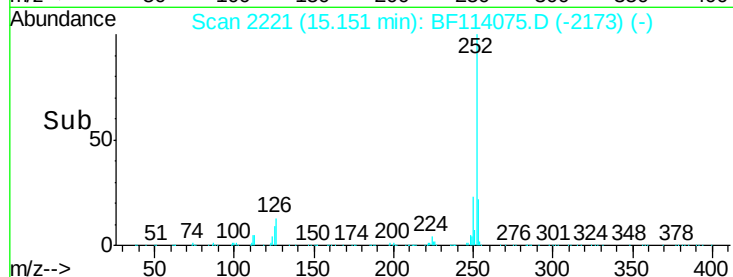
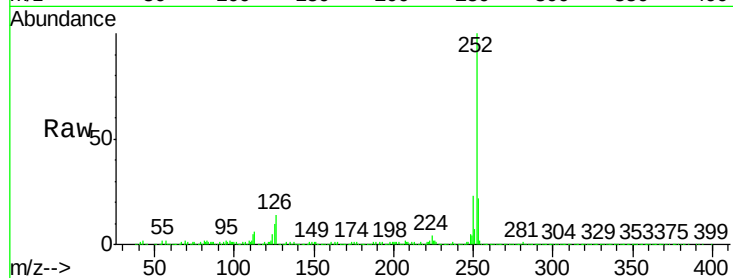




#89
Benzo(k)fluoranthene
Concen: 42.917 ng
RT: 15.15 min Scan# 2221
Delta R.T. -0.02 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

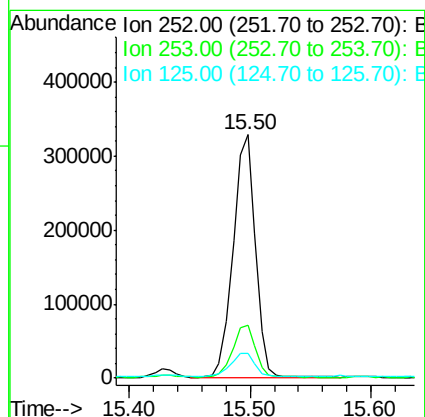
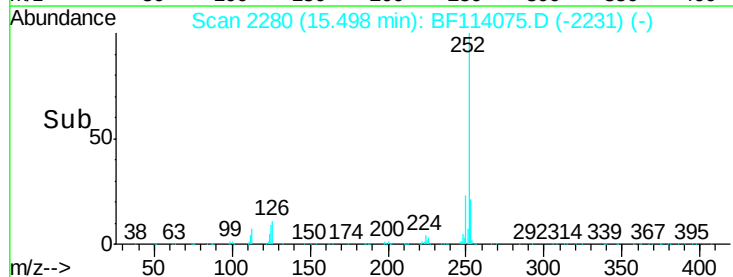
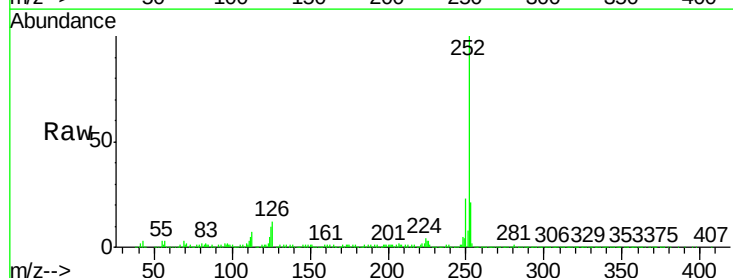
Instrument :
BNA_F
ClientSampleId :

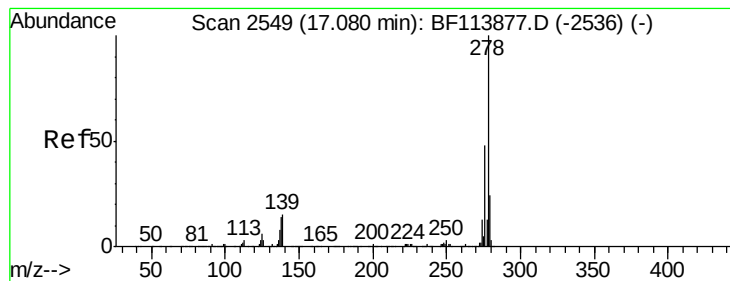
Tot Ion:252 Resp: 446040
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.2
125 9.5 7.4 11.2



#90
Benzo(a)pyrene
Concen: 40.237 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.01 min
Lab File: BF114075.D
Acq: 1 May 2019 18:13

Tgt Ion:252 Resp: 420507
Ion Ratio Lower Upper
252 100
253 21.5 17.5 26.3
125 10.0 8.5 12.7





#91

Dibenzo(a,h)anthracene

Concen: 38.455 ng

RT: 17.08 min Scan# 2549

Delta R.T. 0.00 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

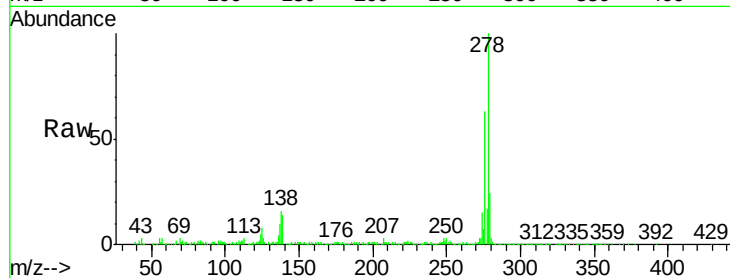
Instrument :

BNA_F

ClientSampleId :

Tot Ion:278 Resp: 377253

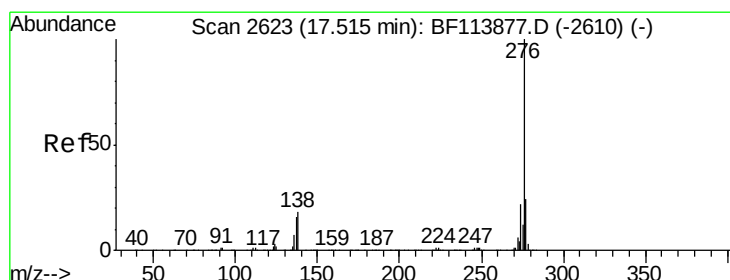
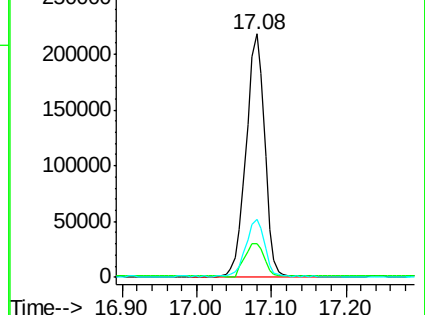
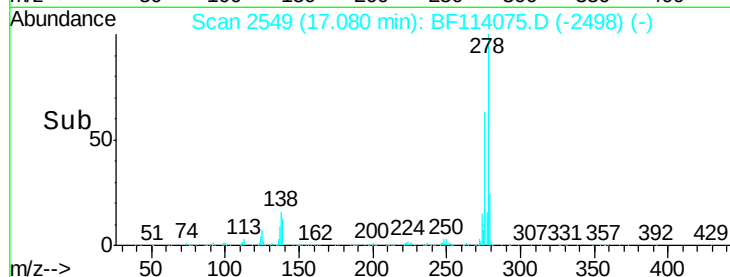
Ion	Ratio	Lower	Upper
278	100		
139	14.0	11.6	17.4
279	23.9	19.0	28.6



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: 35.234 ng

RT: 17.52 min Scan# 2624

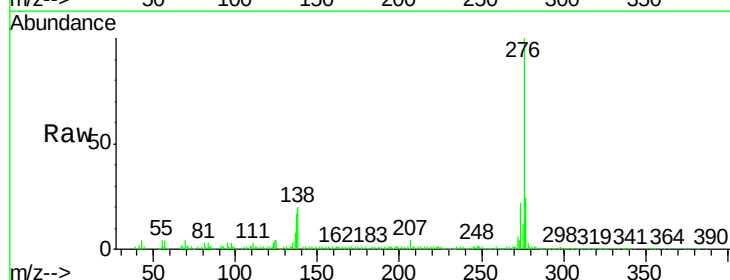
Delta R.T. 0.01 min

Lab File: BF114075.D

Acq: 1 May 2019 18:13

Tgt Ion:276 Resp: 348829

Ion	Ratio	Lower	Upper
276	100		
277	23.8	19.0	28.4
138	19.6	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

