

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042319\
 Data File : BF113928.D
 Acq On : 23 Apr 2019 18:46
 Operator : JU/SJ
 Sample : K2522-07MSD
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 24 02:05:09 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	130233	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	445126	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	193755	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	349785	20.00	ng	0.00
76) Chrysene-d12	14.07	240	350982	20.00	ng	0.00
87) Perylene-d12	15.56	264	319609	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	795826	104.52	ng	0.01
7) Phenol-d6	6.53	99	1004768	105.18	ng	0.00
23) Nitrobenzene-d5	7.46	82	585836	81.26	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	250472	106.12	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1042802	84.18	ng	0.00
79) Terphenyl-d14	13.00	244	1142892	66.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.73	88	118050	32.889	ng	96
3) Pyridine	3.50	79	313313	31.980	ng	98
4) n-Nitrosodimethylamine	3.43	42	115614	34.473	ng	98
6) Aniline	6.56	93	306949	23.399	ng	97
8) 2-Chlorophenol	6.69	128	297463	34.217	ng	99
9) Benzaldehyde	6.45	77	79762	10.146	ng	95
10) Phenol	6.55	94	387093	33.886	ng	98
11) bis(2-Chloroethyl)ether	6.63	93	299158	34.801	ng	97
12) 1,3-Dichlorobenzene	6.85	146	345572	35.099	ng	97
13) 1,4-Dichlorobenzene	6.92	146	350365	35.380	ng	97
14) 1,2-Dichlorobenzene	7.07	146	327543	35.989	ng	97
15) Benzyl Alcohol	7.03	79	235972	36.676	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	343128	34.194	ng	92
17) 2-Methylphenol	7.15	107	263276	34.549	ng	98
18) Hexachloroethane	7.42	117	106032	30.544	ng	99
19) n-Nitroso-di-n-propylamine	7.31	70	204602	33.072	ng	99
20) 3+4-Methylphenols	7.30	107	299705	34.811	ng	# 82
22) Acetophenone	7.30	105	412339	41.627	ng	# 95
24) Nitrobenzene	7.47	77	319189	40.069	ng	99
25) Isophorone	7.72	82	550328	37.307	ng	100
26) 2-Nitrophenol	7.79	139	144887	39.869	ng	96
27) 2,4-Dimethylphenol	7.83	122	251186	42.424	ng	99
28) bis(2-Chloroethoxy)methane	7.92	93	357743	38.059	ng	100
29) 2,4-Dichlorophenol	8.04	162	251625	37.164	ng	96
30) 1,2,4-Trichlorobenzene	8.12	180	285819	37.860	ng	99
31) Naphthalene	8.20	128	821597	38.854	ng	99
32) Benzoic acid	7.90	122	29993	7.501	ng	98
33) 4-Chloroaniline	8.25	127	167249	18.692	ng	96
34) Hexachlorobutadiene	8.32	225	173722	36.913	ng	99
35) Caprolactam	8.60	113	65722	30.514	ng	90
36) 4-Chloro-3-methylphenol	8.73	107	230996	34.436	ng	99
37) 2-Methylnaphthalene	8.89	142	526616	36.931	ng	99
38) 1-Methylnaphthalene	8.99	142	491170	35.688	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	264908	42.090	ng	99

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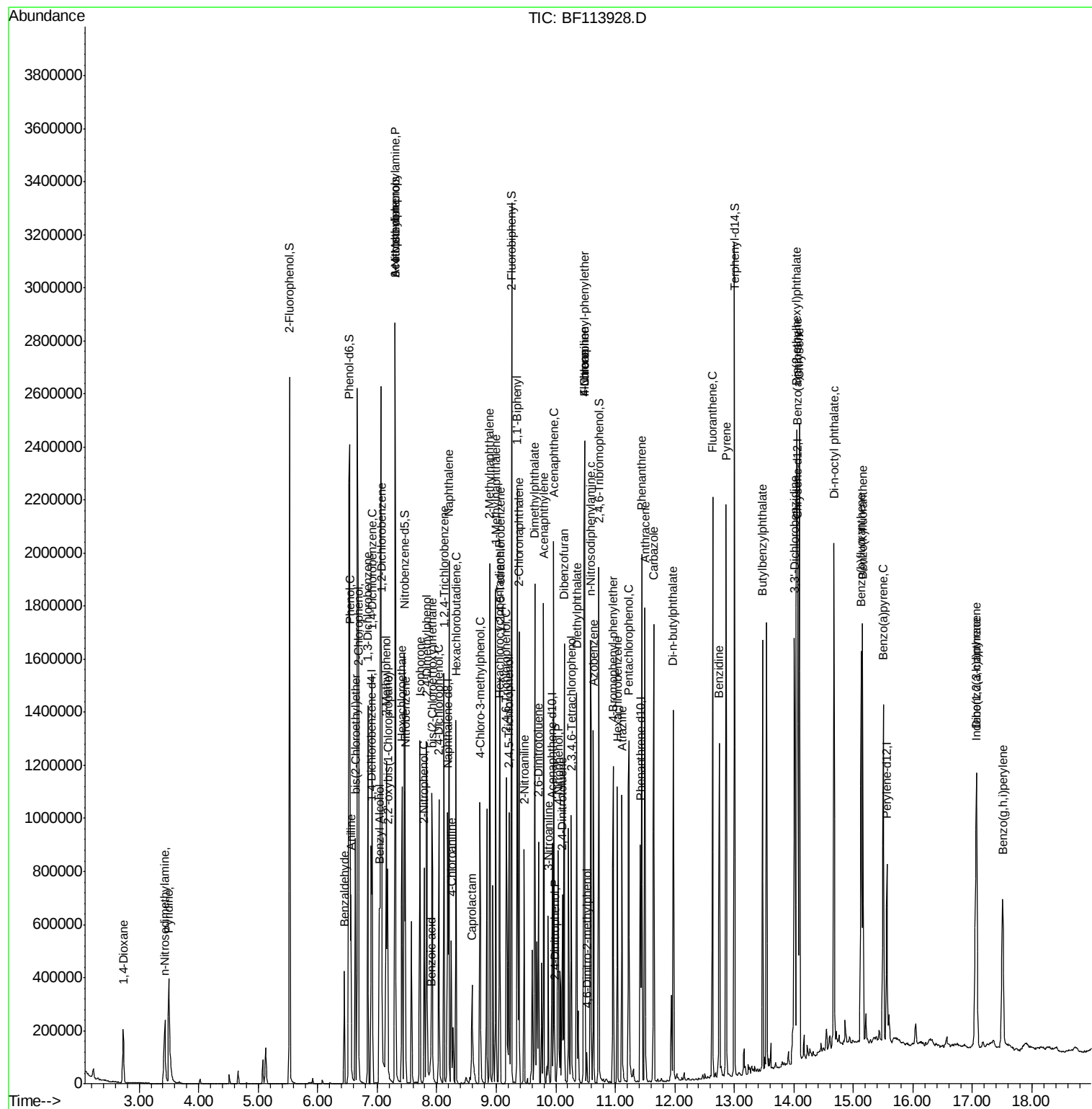
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	70687	20.141	ng	98
43) 2,4,6-Trichlorophenol	9.17	196	167930	42.019	ng	99
44) 2,4,5-Trichlorophenol	9.21	196	178645	39.852	ng	100
46) 1,1'-Biphenyl	9.36	154	631697	42.678	ng	98
47) 2-Chloronaphthalene	9.38	162	486569	40.423	ng	98
48) 2-Nitroaniline	9.47	65	134776	42.713	ng	93
49) Acenaphthylene	9.80	152	720895	38.256	ng	98
50) Dimethylphthalate	9.65	163	757124	54.031	ng	99
51) 2,6-Dinitrotoluene	9.71	165	120730	40.160	ng	96
52) Acenaphthene	9.97	154	416570	37.406	ng	98
53) 3-Nitroaniline	9.87	138	96801	30.643	ng	99
54) 2,4-Dinitrophenol	9.99	184	13985	17.953	ng	# 4
55) Dibenzofuran	10.14	168	640456	38.393	ng	99
56) 4-Nitrophenol	10.04	139	177024	70.775	ng	99
57) 2,4-Dinitrotoluene	10.12	165	144138	37.986	ng	93
58) Fluorene	10.48	166	467738	37.243	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	146944	37.302	ng	97
60) Diethylphthalate	10.35	149	523429	39.336	ng	99
61) 4-Chlorophenyl-phenylether	10.47	204	247570	37.222	ng	100
62) 4-Nitroaniline	10.49	138	101125	32.803	ng	96
63) Azobenzene	10.63	77	453897	35.195	ng	96
65) 4,6-Dinitro-2-methylphenol	10.52	198	15097	15.291	ng	95
66) n-Nitrosodiphenylamine	10.59	169	422859	40.290	ng	99
67) 4-Bromophenyl-phenylether	10.96	248	156267	36.981	ng	96
68) Hexachlorobenzene	11.04	284	167001	35.965	ng	# 93
69) Atrazine	11.11	200	135896	39.803	ng	99
70) Pentachlorophenol	11.23	266	192854	73.355	ng	97
71) Phenanthrene	11.44	178	705292	40.122	ng	99
72) Anthracene	11.50	178	707214	39.839	ng	98
73) Carbazole	11.64	167	639321	40.369	ng	99
74) Di-n-butylphthalate	11.97	149	736578	39.538	ng	99
75) Fluoranthene	12.63	202	832031	43.383	ng	97
77) Benzidine	12.74	184	542303	51.857	ng	98
78) Pyrene	12.86	202	844515	34.407	ng	99
80) Butylbenzylphthalate	13.47	149	345475	35.774	ng	96
81) Benzo(a)anthracene	14.06	228	834431	40.351	ng	99
82) 3,3'-Dichlorobenzidine	14.01	252	336475	44.393	ng	99
83) Chrysene	14.09	228	810019	40.220	ng	98
84) Bis(2-ethylhexyl)phthalate	14.04	149	494849	40.275	ng	100
85) Di-n-octyl phthalate	14.67	149	892528	46.409	ng	100
86) Indeno(1,2,3-cd)pyrene	17.06	276	607373	31.838	ng	98
88) Benzo(b)fluoranthene	15.13	252	807778	39.947	ng	99
89) Benzo(k)fluoranthene	15.16	252	699999	40.244	ng	99
90) Benzo(a)pyrene	15.50	252	675844	38.640	ng	99
91) Dibenzo(a,h)anthracene	17.07	278	513094	31.250	ng	99
92) Benzo(g,h,i)perylene	17.51	276	475381	28.691	ng	98

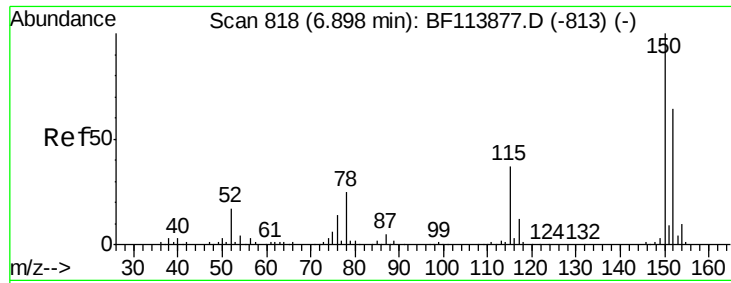
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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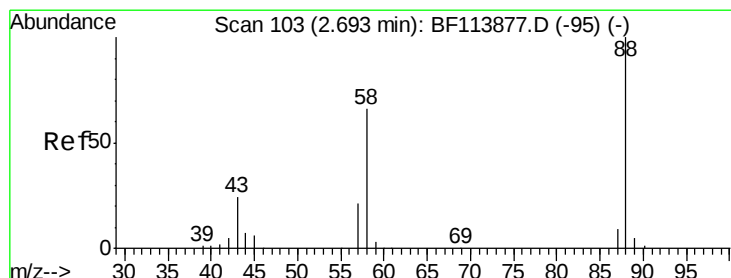
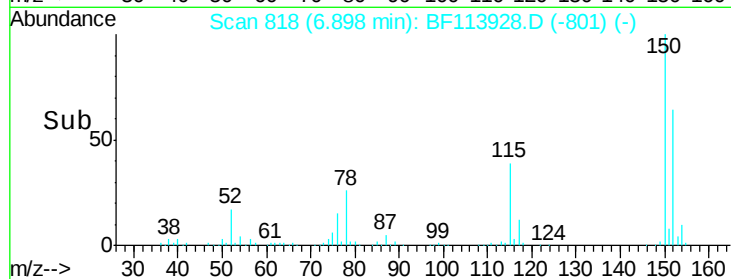
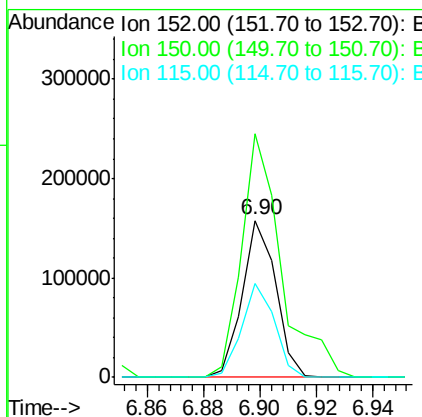
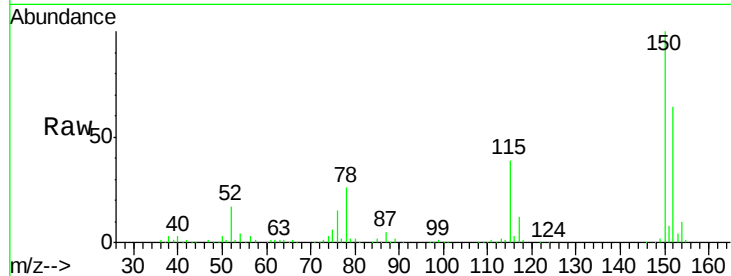


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :

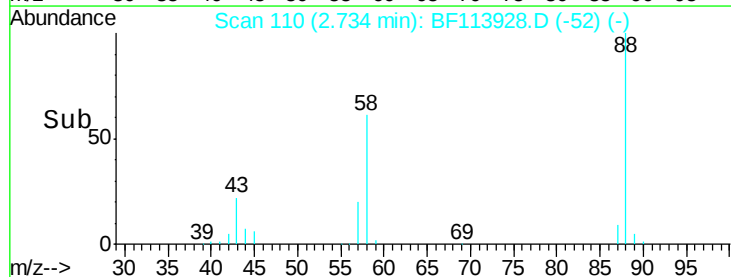
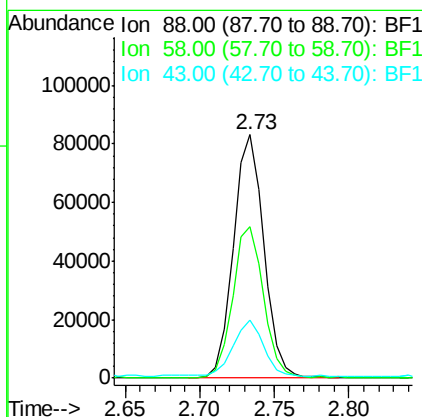
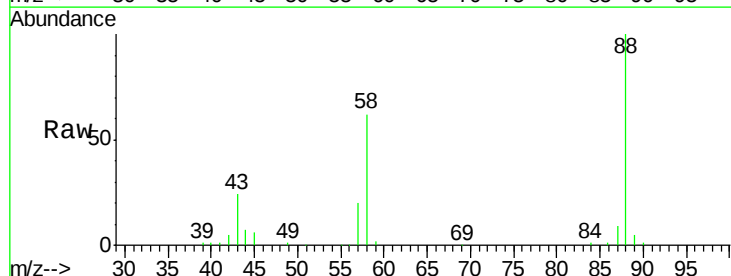
Tot Ion:152 Resp: 130233
Ion Ratio Lower Upper
152 100
150 155.0 125.9 188.9
115 60.1 45.9 68.9

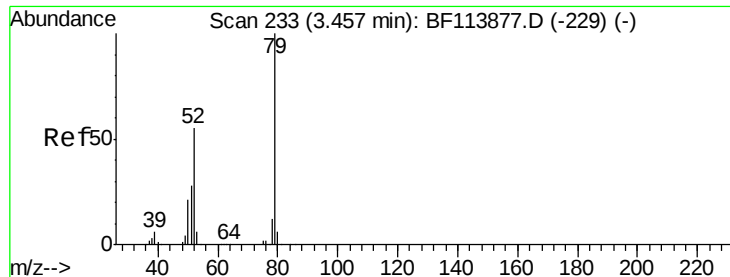


#2

1,4-Dioxane
Concen: 32.889 ng
RT: 2.73 min Scan# 110
Delta R.T. 0.04 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion: 88 Resp: 118050
Ion Ratio Lower Upper
88 100
58 63.1 53.3 79.9
43 22.8 19.0 28.4





#3

Pvridine

Concen: 31.980 ng

RT: 3.50 min Scan# 240

Delta R.T. 0.04 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

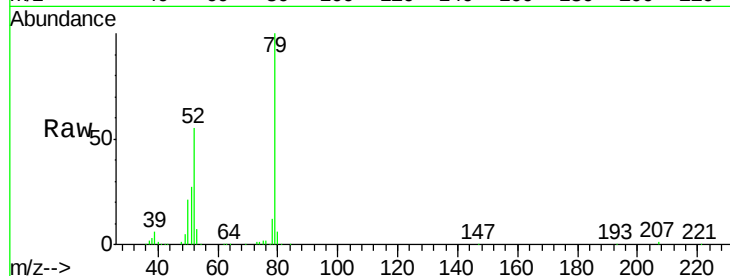
Tot Ion: 79 Resp: 313313

Ion Ratio Lower Upper

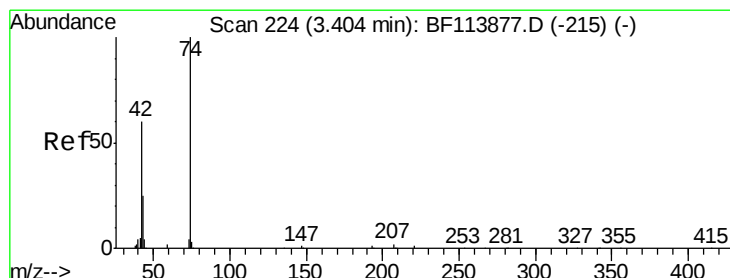
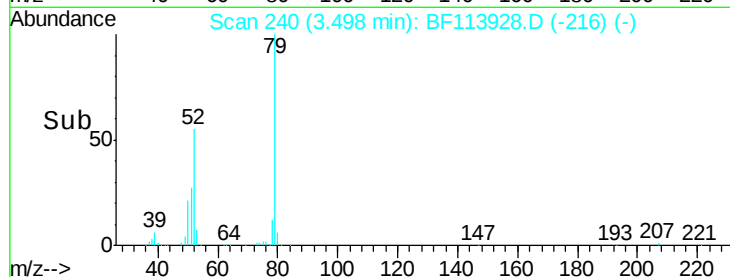
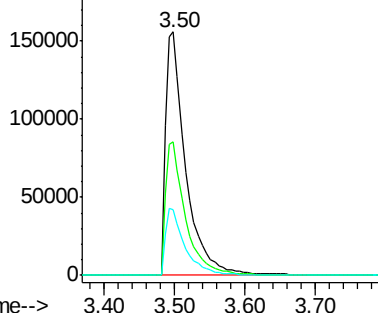
79 100

52 54.6 45.3 67.9

51 26.8 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: 34.473 ng

RT: 3.43 min Scan# 229

Delta R.T. 0.03 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

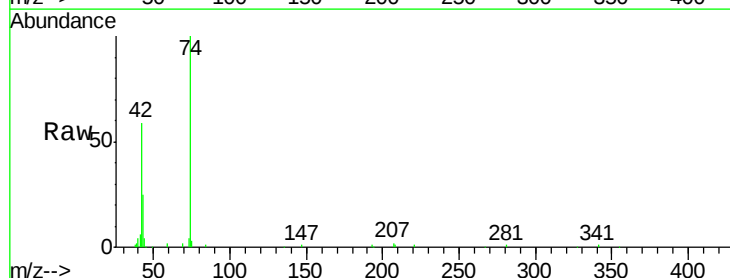
Tgt Ion: 42 Resp: 115614

Ion Ratio Lower Upper

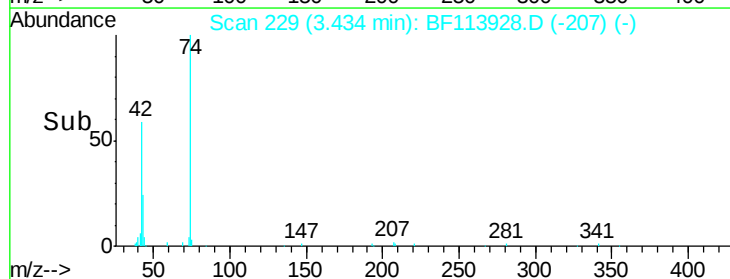
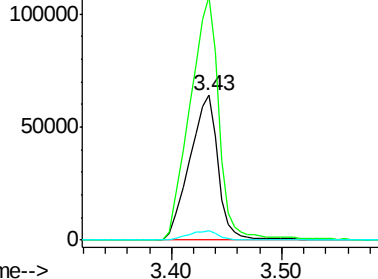
42 100

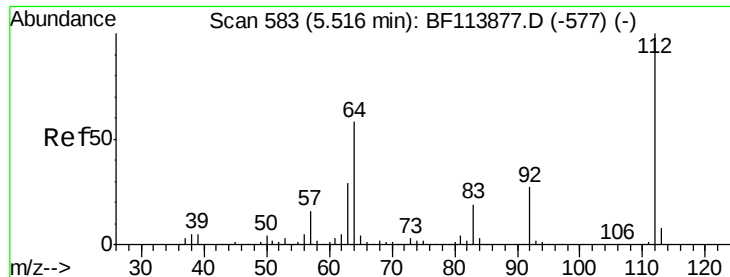
74 168.6 132.6 198.8

44 6.1 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: 104.516 ng

RT: 5.53 min Scan# 585

Delta R.T. 0.01 min

Lab File: BF113928.D

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Instrument :

BNA_F

ClientSampleId :

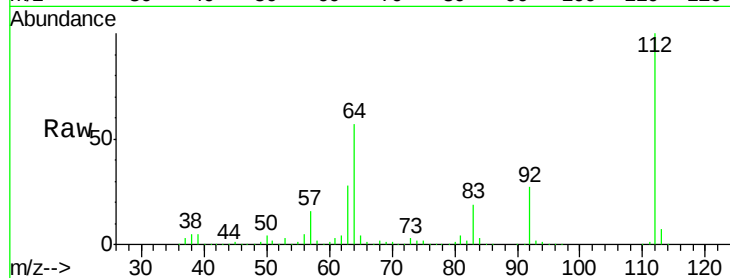
Tot Ion:112 Resp: 795826

Ion Ratio Lower Upper

112 100

64 57.3 46.6 69.8

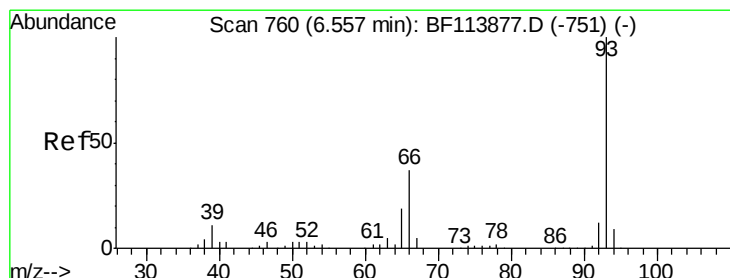
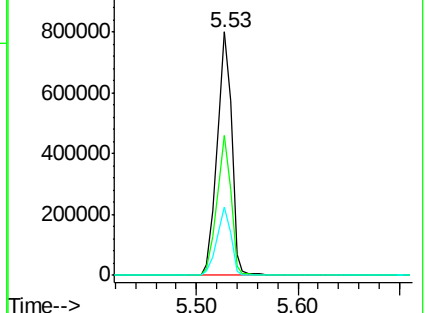
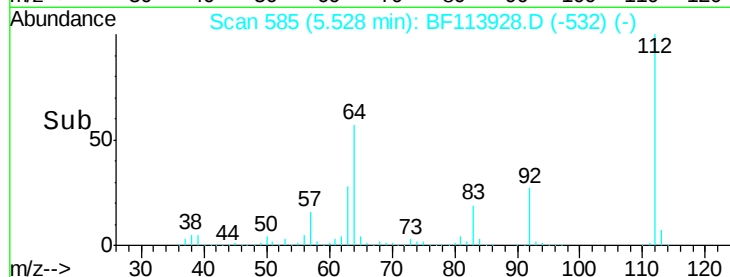
63 28.1 23.1 34.7



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 23.399 ng

RT: 6.56 min Scan# 760

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

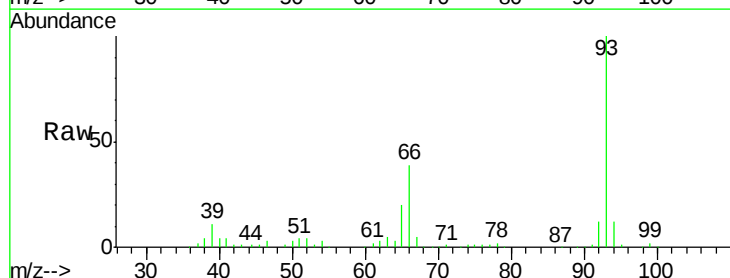
Tgt Ion: 93 Resp: 306949

Ion Ratio Lower Upper

93 100

66 38.9 29.8 44.6

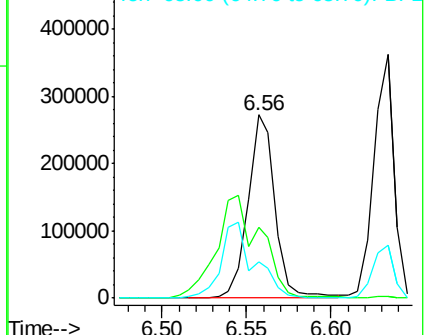
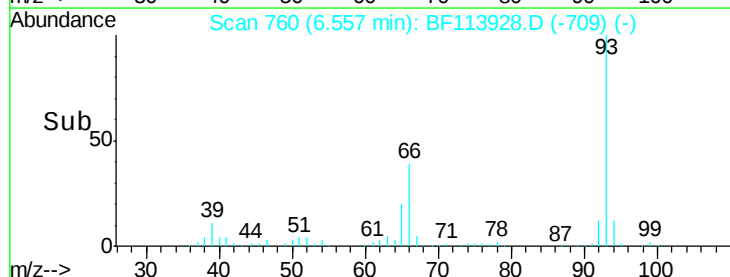
65 19.9 14.9 22.3

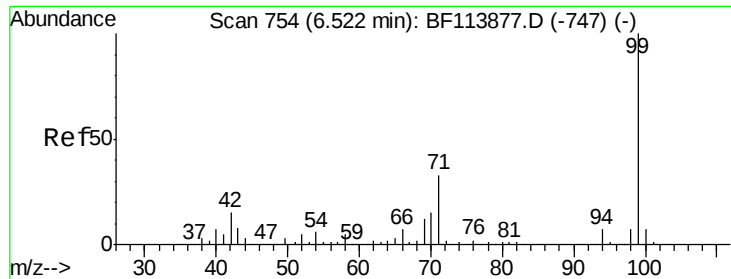


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 105.177 ng

RT: 6.53 min Scan# 755

Delta R.T. 0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampled :

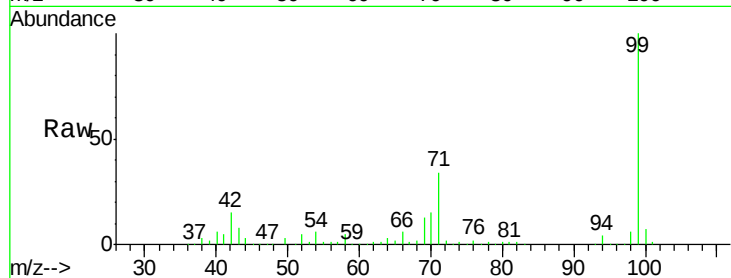
Tot Ion: 99 Resp: 1004768

Ion Ratio Lower Upper

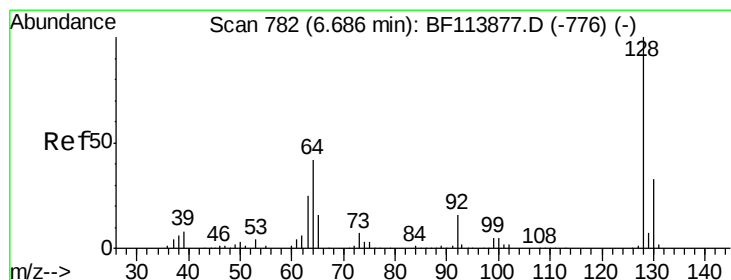
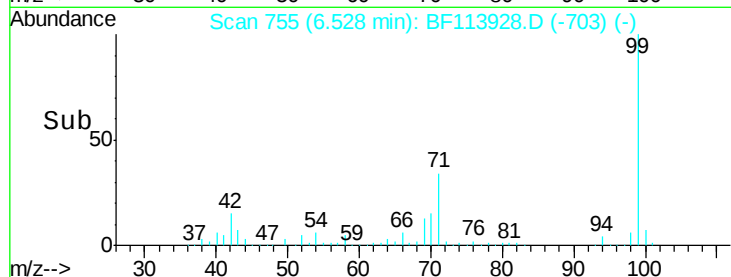
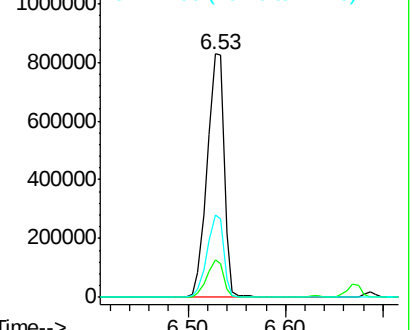
99 100

42 15.3 12.5 18.7

71 34.0 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: 34.217 ng

RT: 6.69 min Scan# 782

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

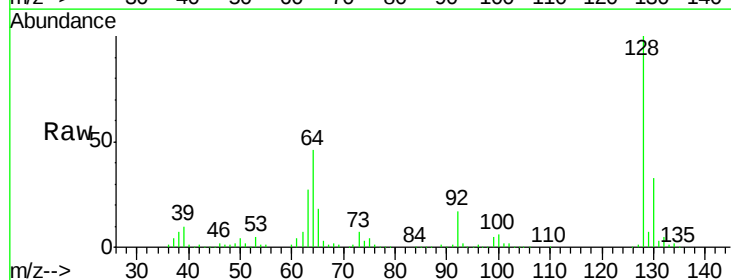
Tgt Ion: 128 Resp: 297463

Ion Ratio Lower Upper

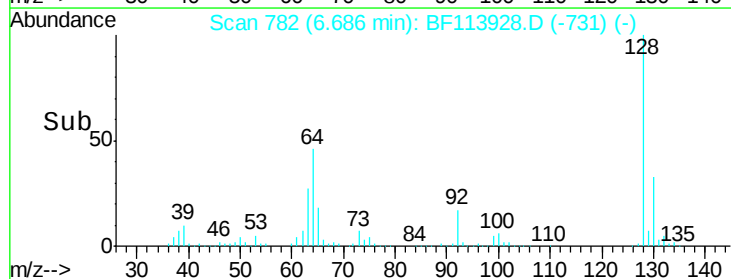
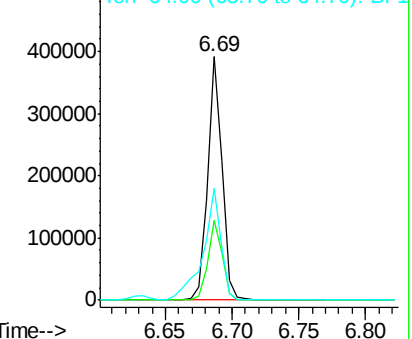
128 100

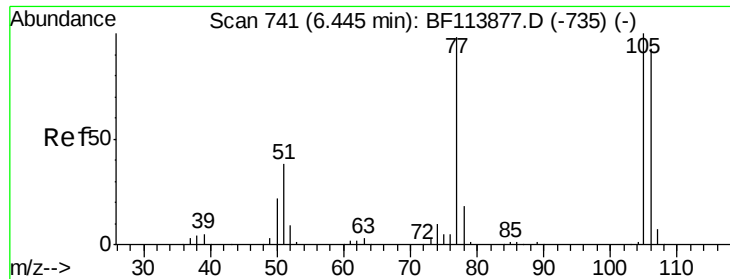
130 33.0 12.3 52.3

64 45.8 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

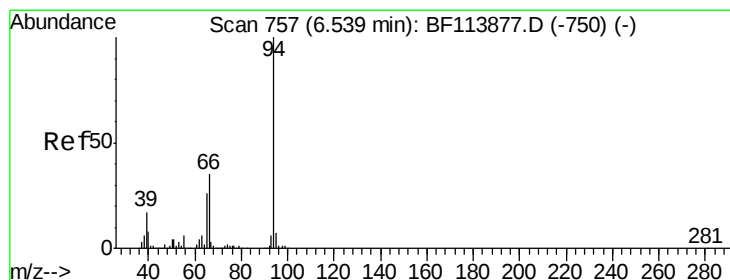
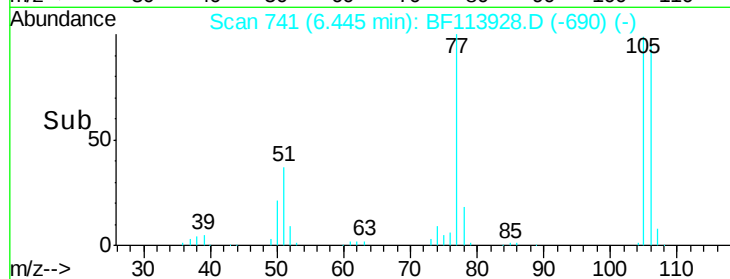
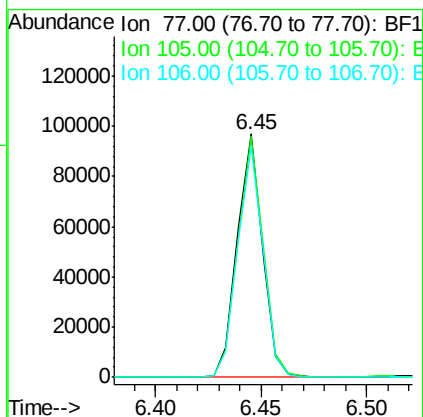
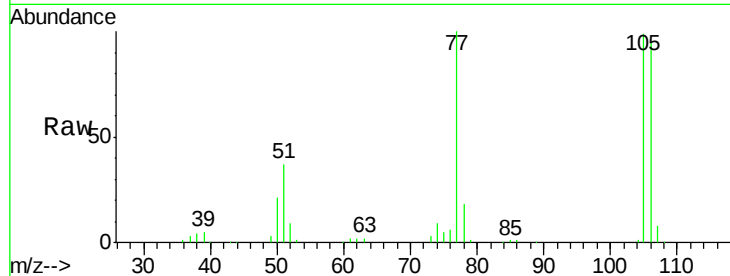




#9
Benzaldehyde
Concen: 10.146 ng
RT: 6.45 min Scan# 741
Delta R.T. 0.00 min
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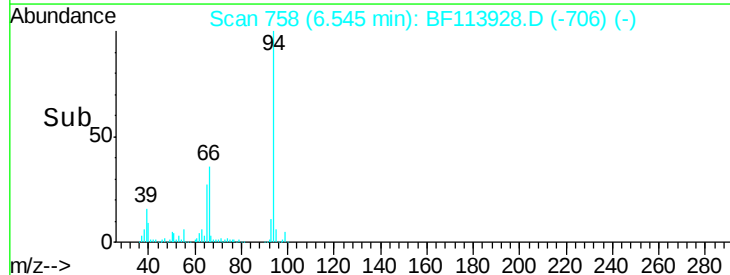
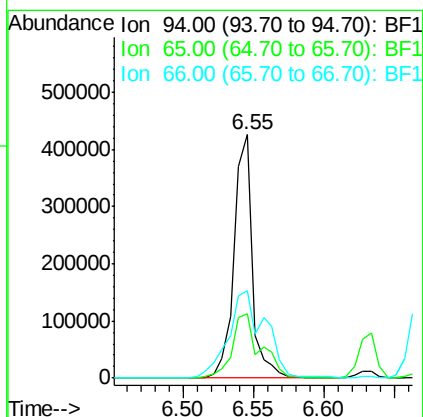
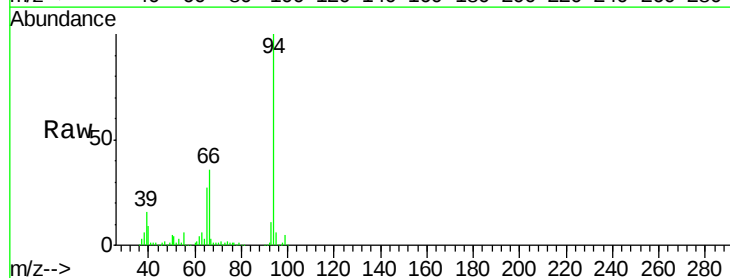
Instrument :
BNA_F
ClientSampleId :

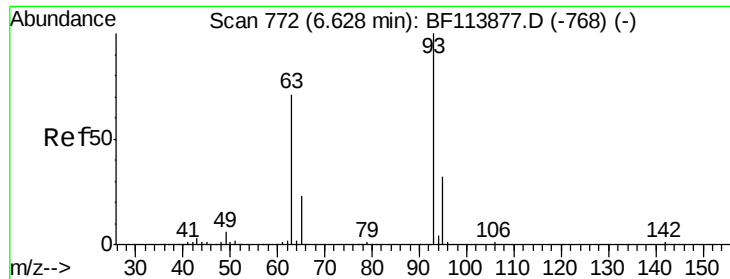
Tot Ion: 77 Resp: 79762
Ion Ratio Lower Upper
77 100
105 98.8 74.1 114.1
106 95.0 70.3 110.3



#10
Phenol
Concen: 33.886 ng
RT: 6.55 min Scan# 757
Delta R.T. 0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion: 94 Resp: 387093
Ion Ratio Lower Upper
94 100
65 26.5 8.1 48.1
66 36.0 16.6 56.6

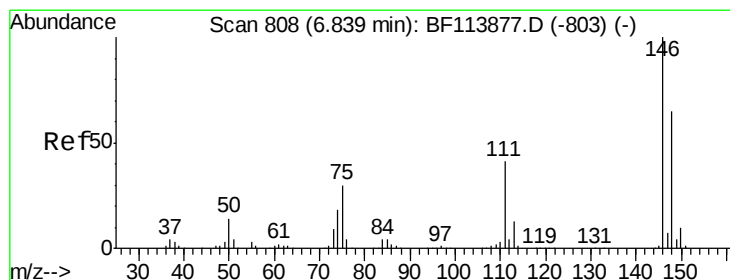
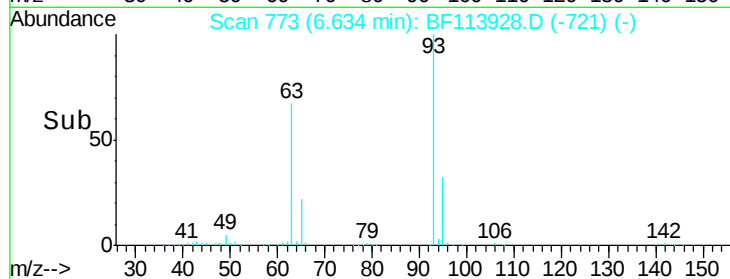
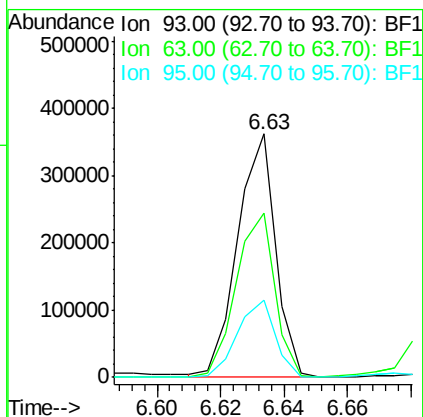
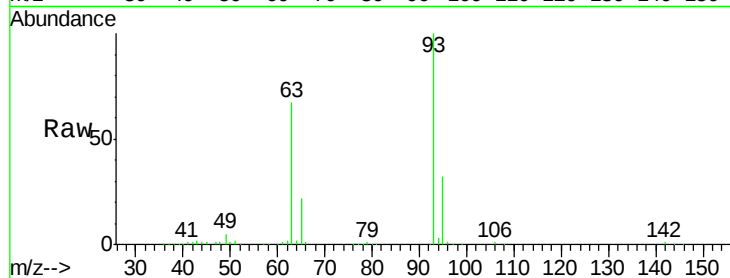




#11
bis(2-Chloroethyl)ether
Concen: 34.801 ng
RT: 6.63 min Scan# 773
Delta R.T. 0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

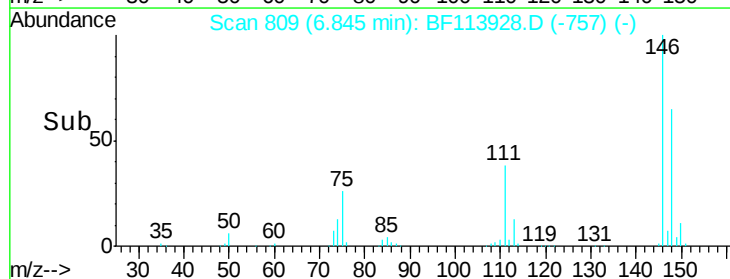
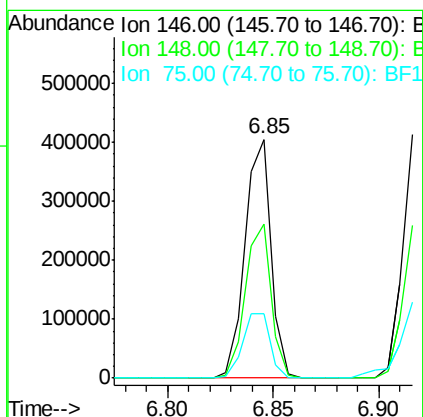
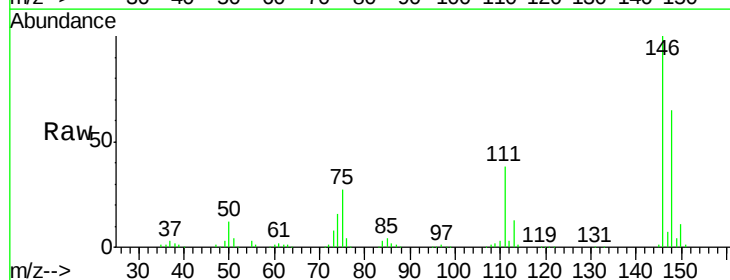
Instrument :
BNA_F
ClientSampleId :

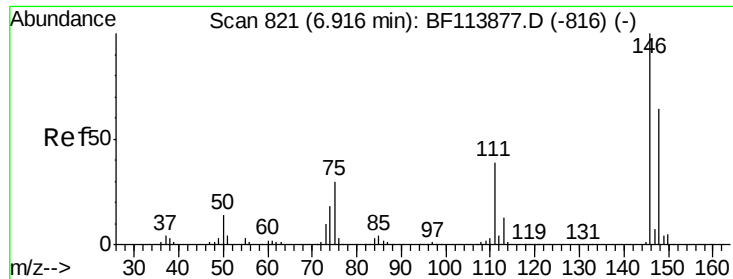
Tot Ion: 93 Resp: 299158
Ion Ratio Lower Upper
93 100
63 67.3 50.7 90.7
95 31.8 12.3 52.3



#12
1,3-Dichlorobenzene
Concen: 35.099 ng
RT: 6.85 min Scan# 809
Delta R.T. 0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion: 146 Resp: 345572
Ion Ratio Lower Upper
146 100
148 64.6 51.0 76.6
75 26.7 23.8 35.8

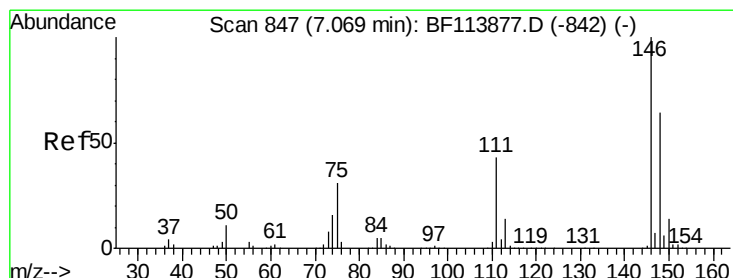
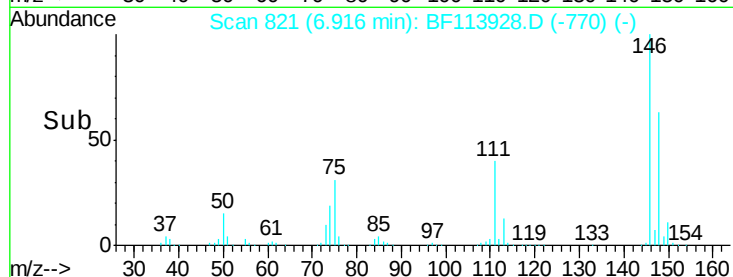
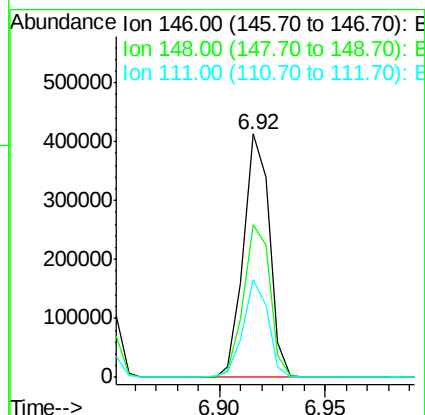
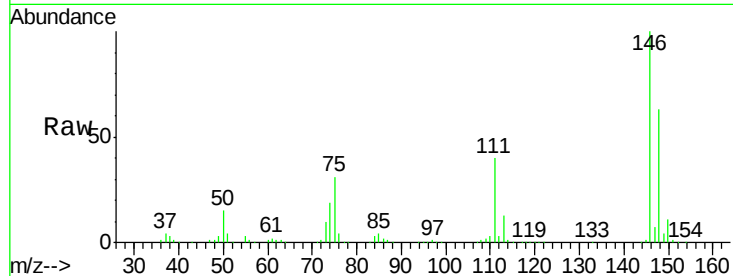




#13
 1,4-Dichlorobenzene
 Concen: 35.380 ng
 RT: 6.92 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

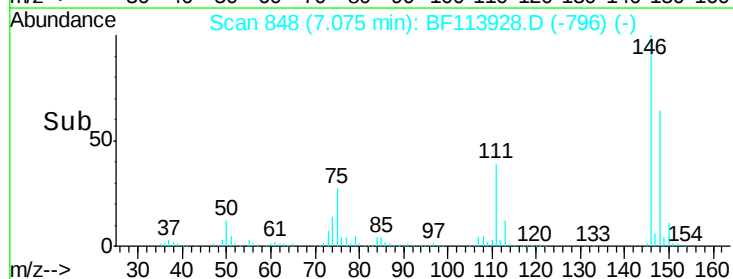
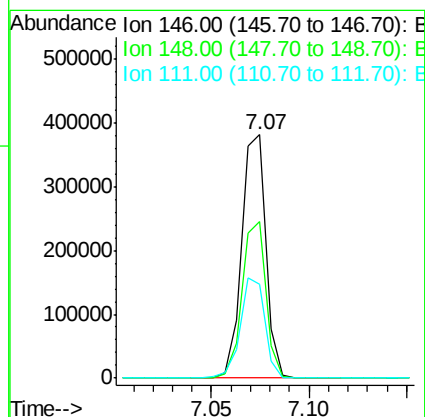
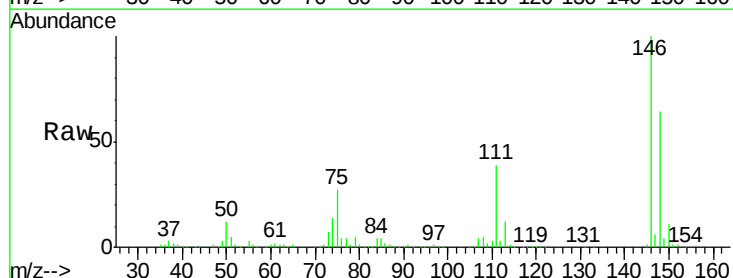
Instrument :
 BNA_F
 ClientSampleId :

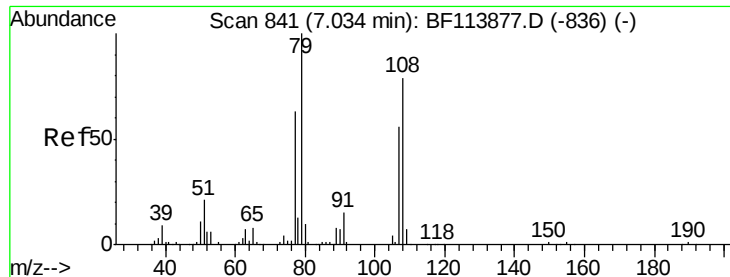
Tot Ion:146 Resp: 350365
 Ion Ratio Lower Upper
 146 100
 148 62.7 51.8 77.8
 111 40.3 30.9 46.3



#14
 1,2-Dichlorobenzene
 Concen: 35.989 ng
 RT: 7.07 min Scan# 848
 Delta R.T. 0.01 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion:146 Resp: 327543
 Ion Ratio Lower Upper
 146 100
 148 64.4 52.1 78.1
 111 38.7 34.2 51.4





#15

Benzyl Alcohol

Concen: 36.676 ng

RT: 7.03 min Scan# 841

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

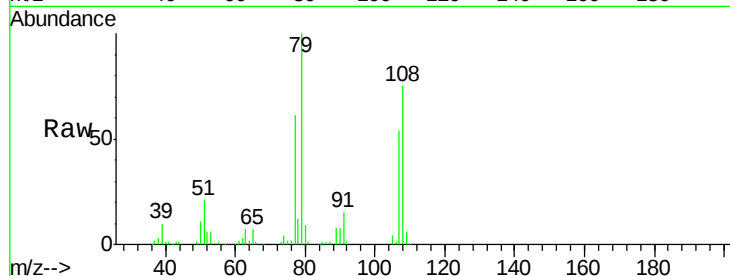
Tot Ion: 79 Resp: 235972

Ion Ratio Lower Upper

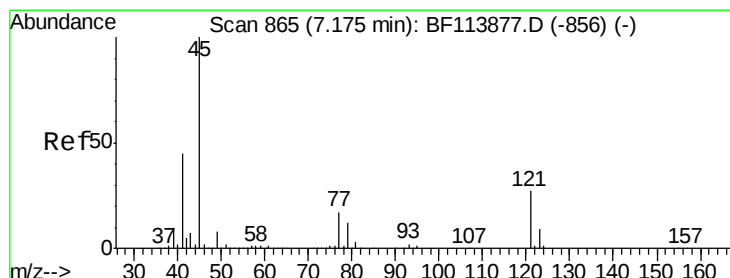
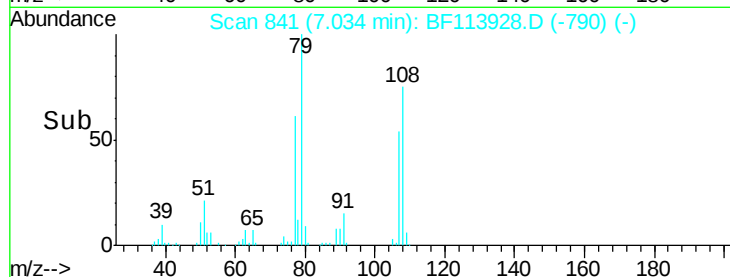
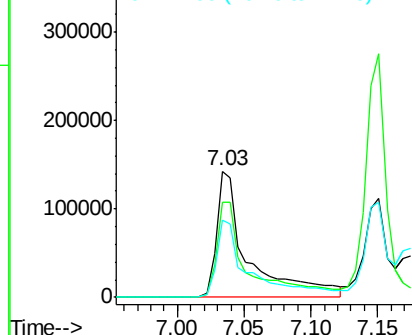
79 100

108 75.5 61.4 92.0

77 60.9 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: 34.194 ng

RT: 7.17 min Scan# 865

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

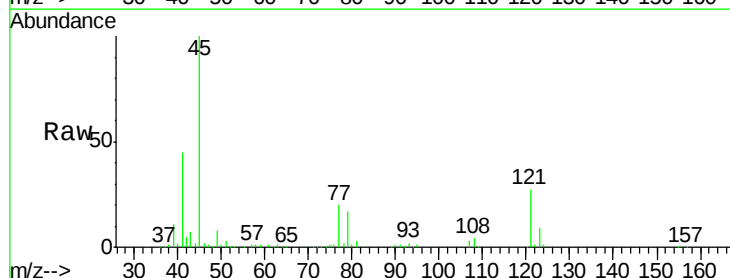
Tgt Ion: 45 Resp: 343128

Ion Ratio Lower Upper

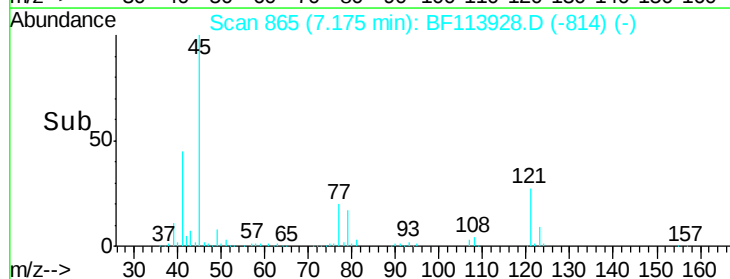
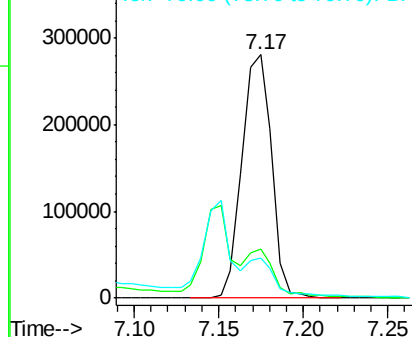
45 100

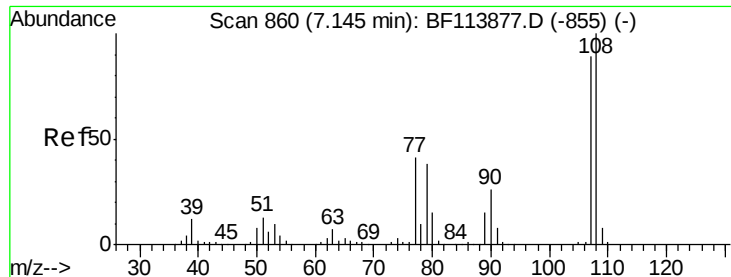
77 20.0 0.0 37.0

79 16.7 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

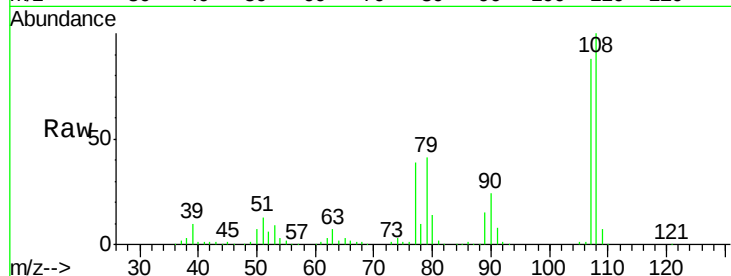




#17
2-Methylphenol
Concen: 34.549 ng
RT: 7.15 min Scan# 861
Delta R.T. 0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
107	100		
108	113.1	91.5	137.3
77	44.1	36.2	54.4
79	45.9	35.4	53.0



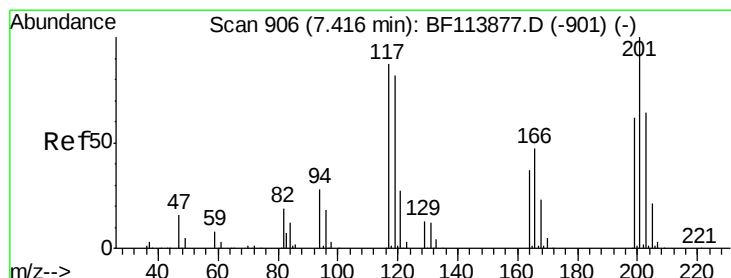
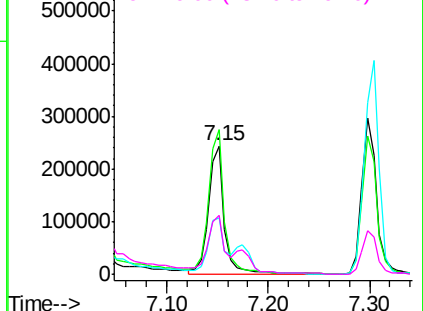
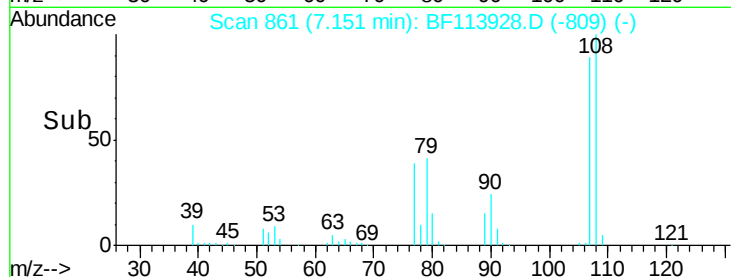
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

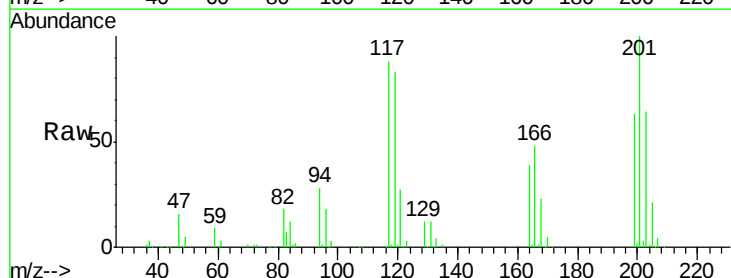
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 30.544 ng
RT: 7.42 min Scan# 906
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	74.4	111.6
201	113.5	90.2	135.2

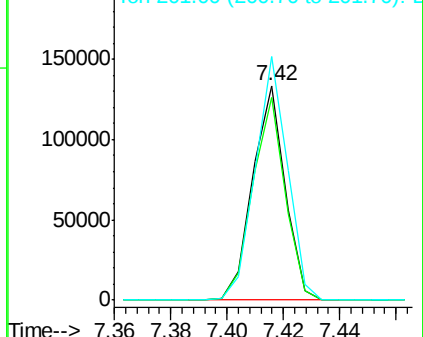
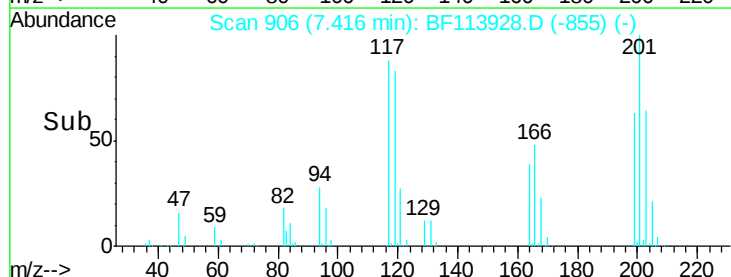


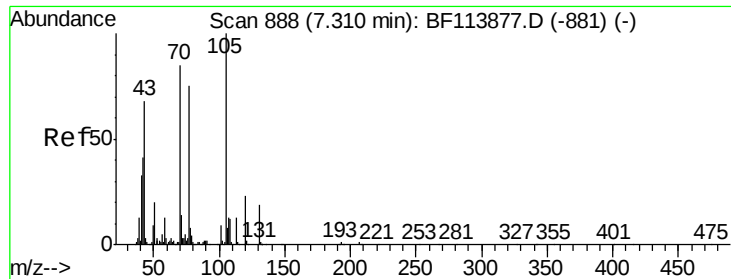
Abundance

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

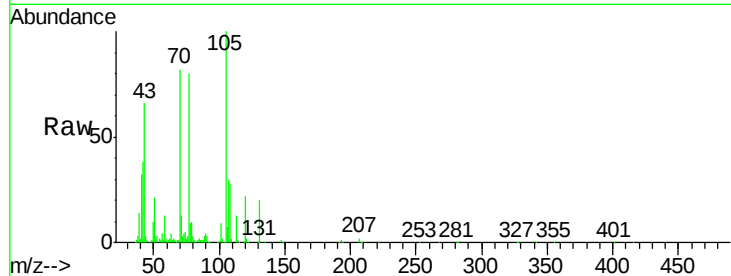




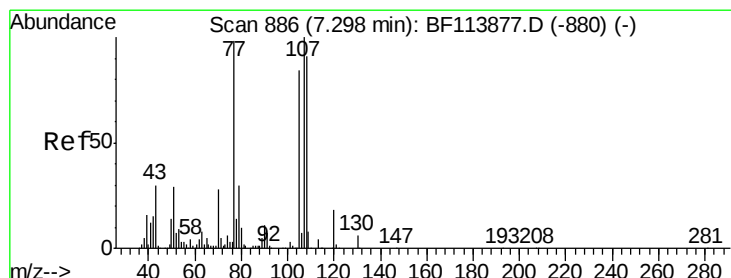
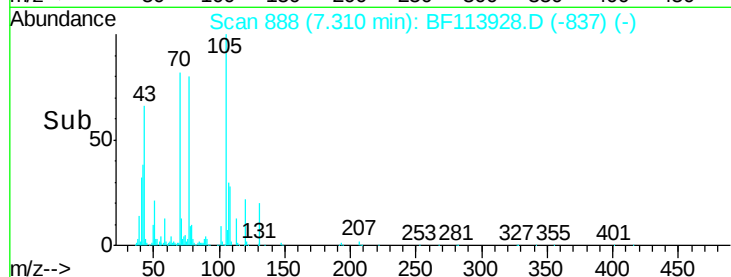
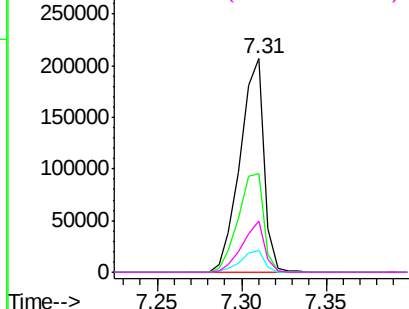
#19
n-Nitroso-di-n-propylamine
Concen: 33.072 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	204602
Ion	Ratio	Lower	Upper
70	100		
42	46.3	37.3	55.9
101	10.5	7.8	11.8
130	24.1	18.2	27.2

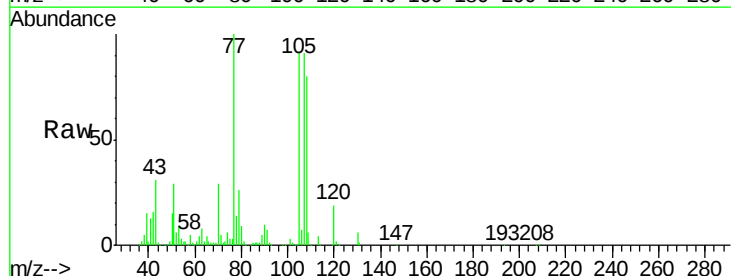


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

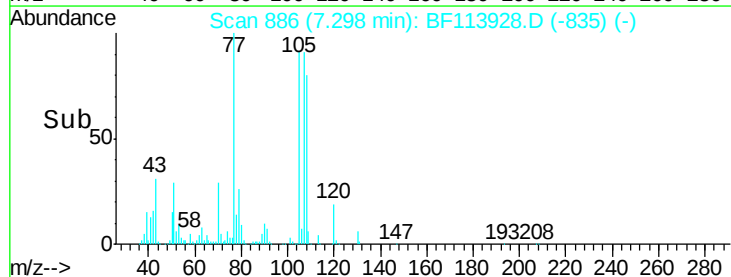
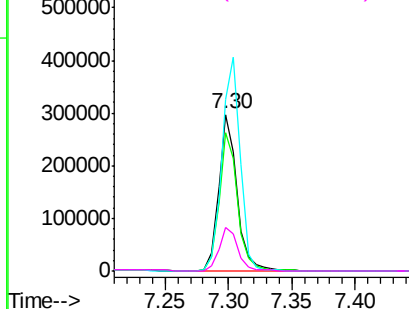


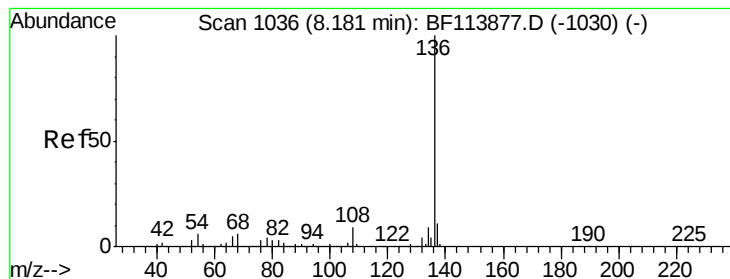
#20
3+4-Methylphenols
Concen: 34.811 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion:	107	Resp:	299705
Ion	Ratio	Lower	Upper
107	100		
108	88.4	70.1	110.1
77	110.1	52.9	92.9
79	28.1	10.2	50.2



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





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 445126

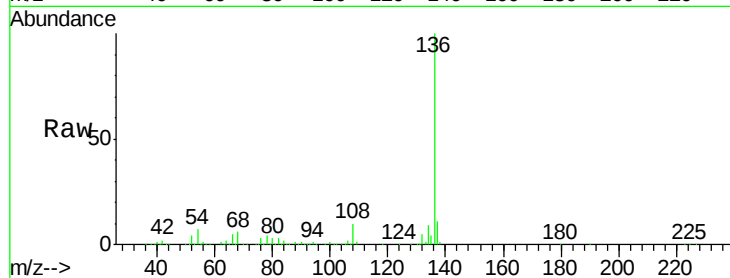
Ion Ratio Lower Upper

136 100

137 11.2 8.6 12.8

54 6.8 5.0 7.6

68 6.4 4.9 7.3

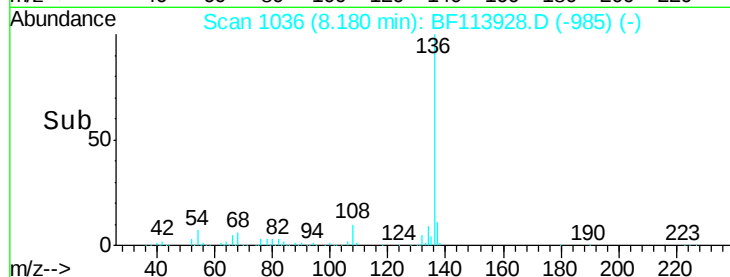


Abundance Ion 136.00 (135.70 to 136.70): E

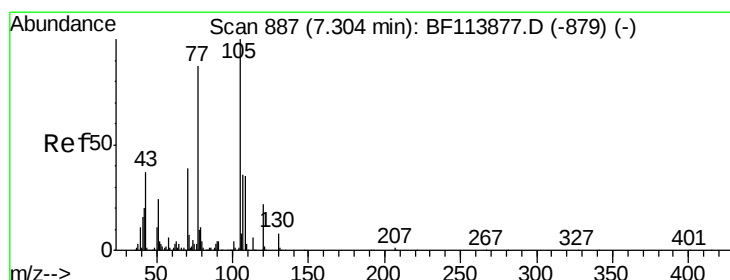
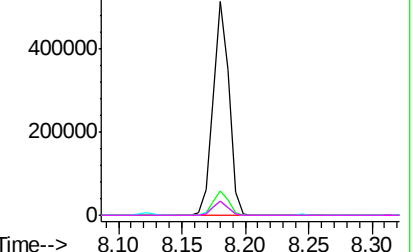
Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->



#22

Acetophenone

Concen: 41.627 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Tgt Ion:105 Resp: 412339

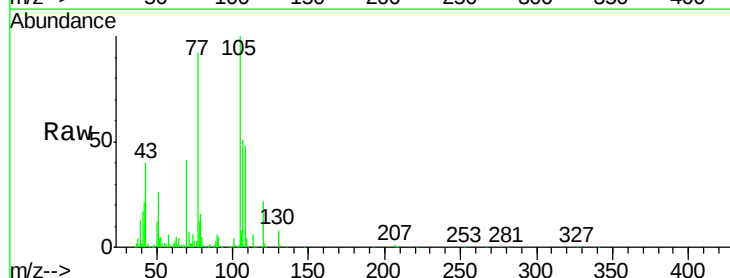
Ion Ratio Lower Upper

105 100

71 7.1 6.1 9.1

51 25.9 16.8 25.2#

120 21.8 17.6 26.4

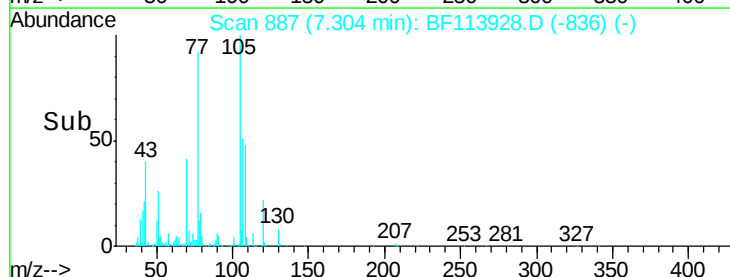


Abundance Ion 105.00 (104.70 to 105.70): E

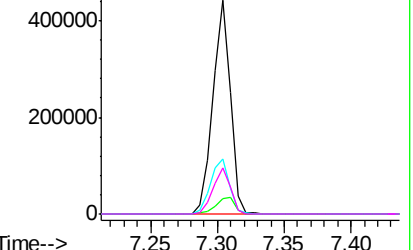
Ion 71.00 (70.70 to 71.70): BF1

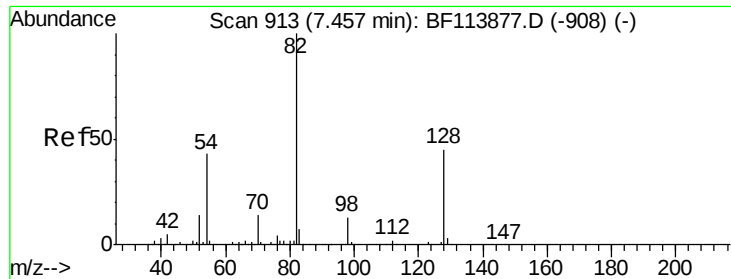
Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



Time-->

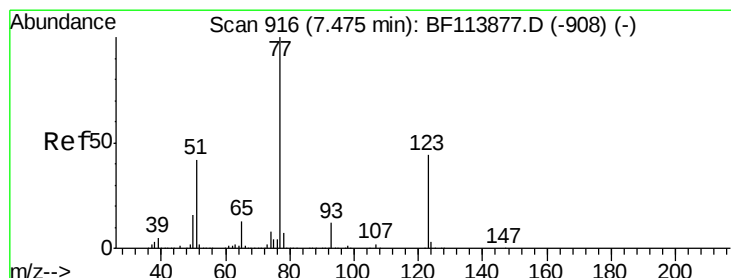
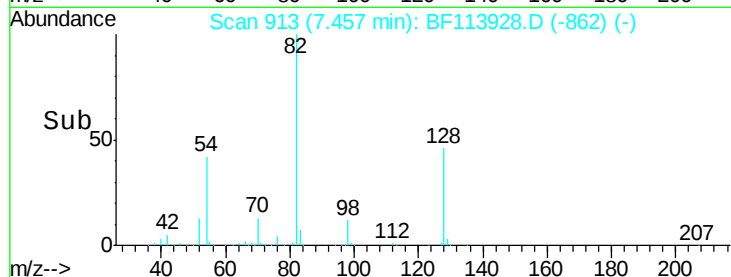
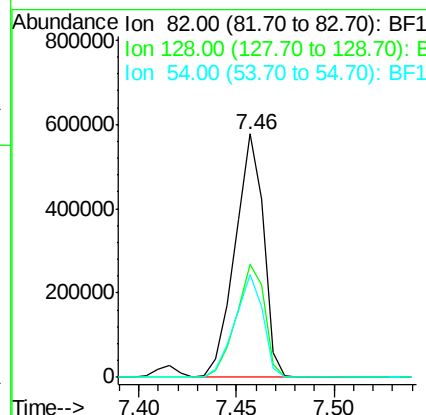
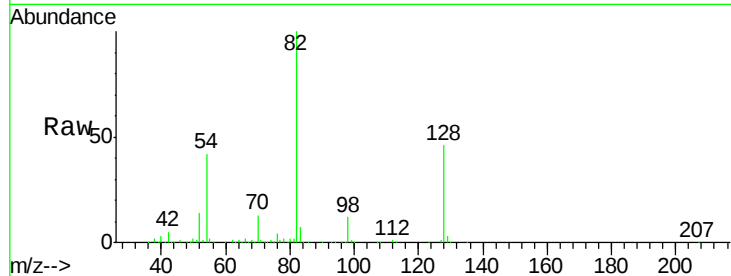




#23
 Nitrobenzene-d5
 Concen: 81.262 ng
 RT: 7.46 min Scan# 913
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

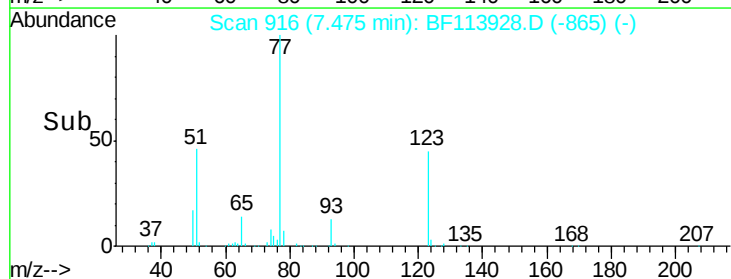
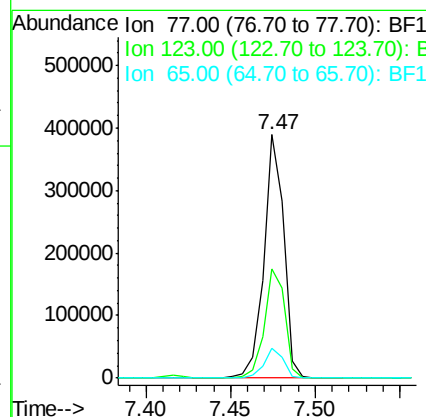
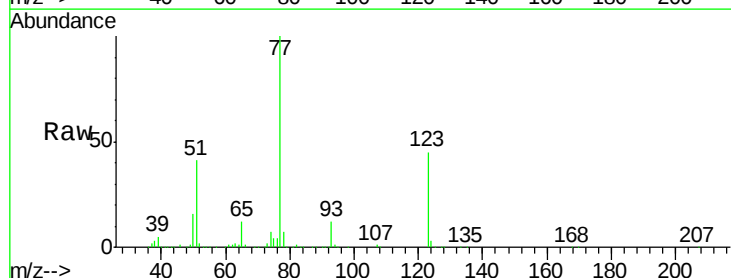
Instrument :
 BNA_F
 ClientSampleId :

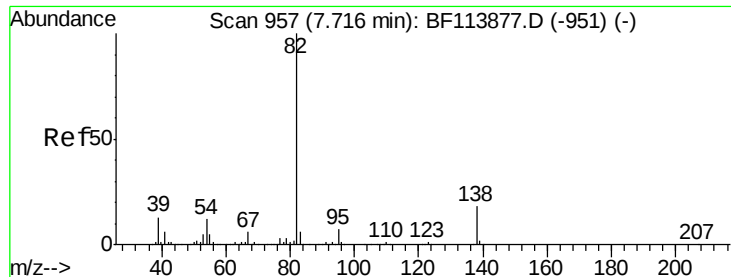
Tot Ion	82	Resp	585836
Ion Ratio	Lower	Upper	
82	100		
128	46.4	36.8	55.2
54	42.3	33.8	50.6



#24
 Nitrobenzene
 Concen: 40.069 ng
 RT: 7.47 min Scan# 916
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion	77	Resp	319189
Ion Ratio	Lower	Upper	
77	100		
123	44.9	36.3	54.5
65	12.5	10.3	15.5





#25

Isophorone

Concen: 37.307 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

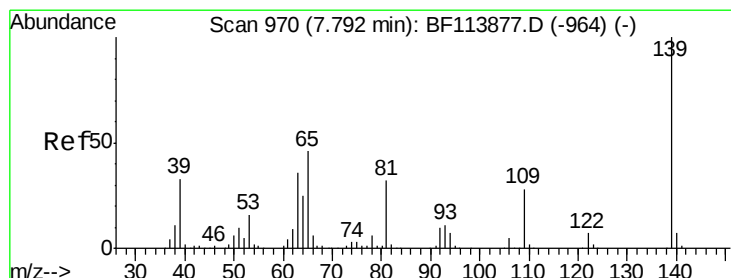
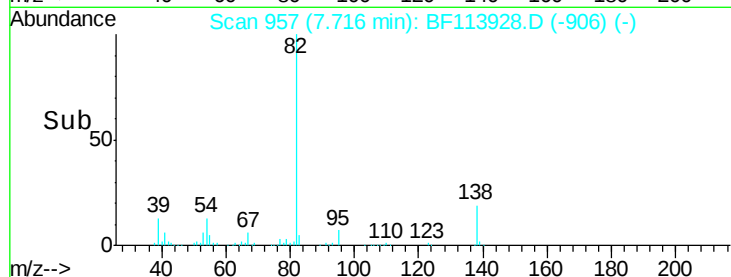
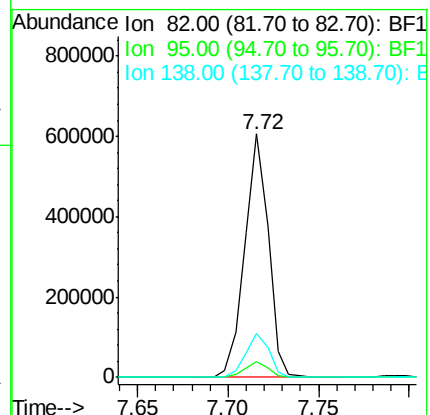
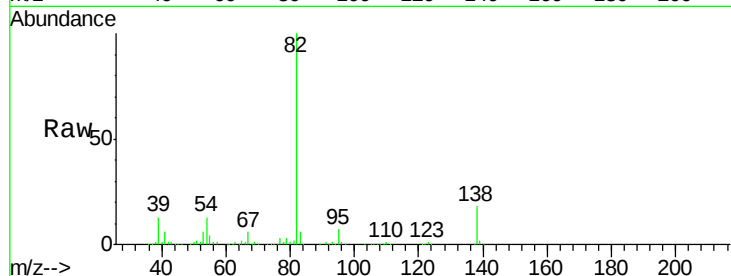
Tot Ion: 82 Resp: 550328

Ion Ratio Lower Upper

82 100

95 6.7 5.4 8.2

138 18.1 14.6 22.0



#26

2-Nitrophenol

Concen: 39.869 ng

RT: 7.79 min Scan# 970

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

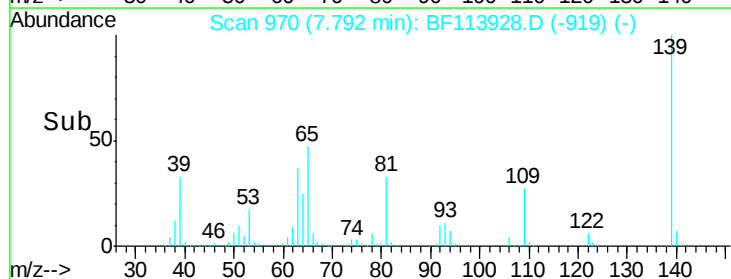
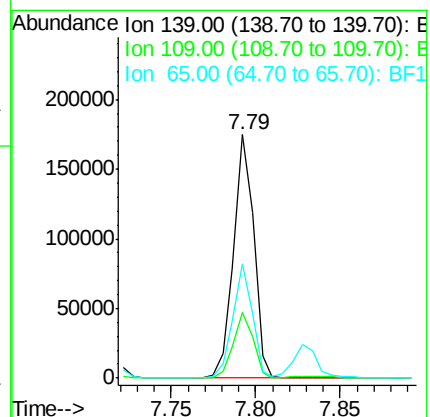
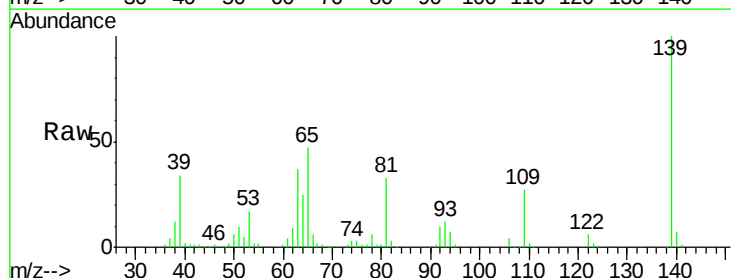
Tgt Ion: 139 Resp: 144887

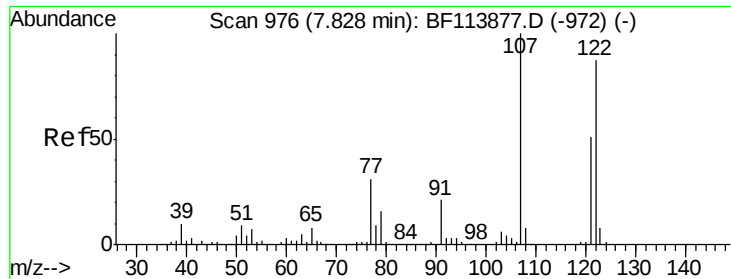
Ion Ratio Lower Upper

139 100

109 27.1 20.6 31.0

65 47.0 34.6 52.0

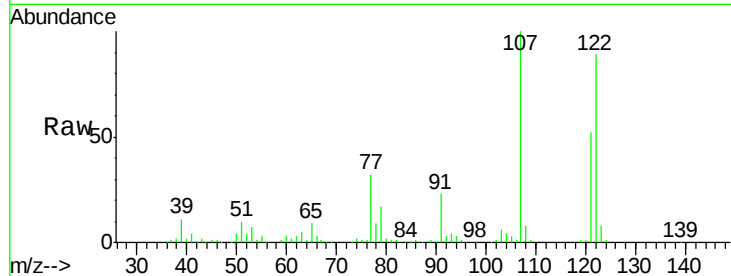




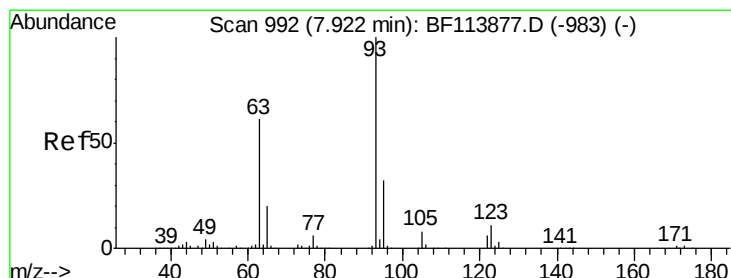
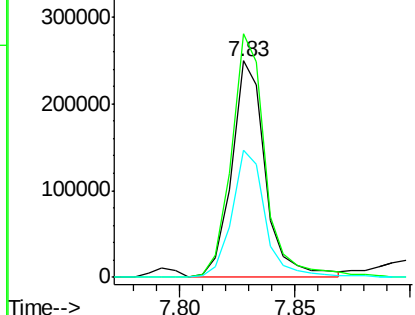
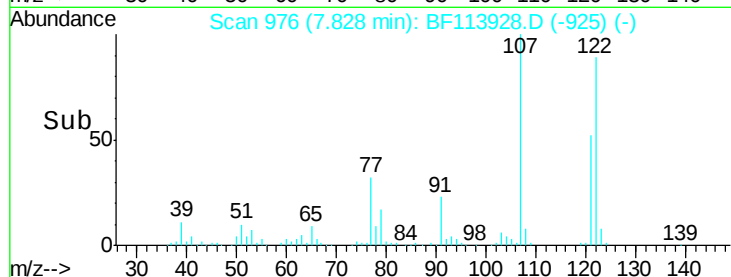
#27
2,4-Dimethylphenol
Concen: 42.424 ng
RT: 7.83 min Scan# 976
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:122 Resp: 251186
Ion Ratio Lower Upper
122 100
107 112.6 91.2 136.8
121 59.0 46.4 69.6

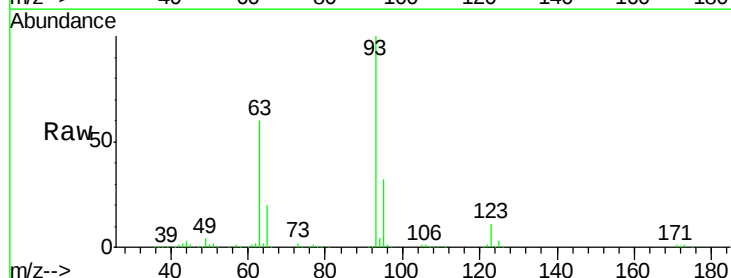


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

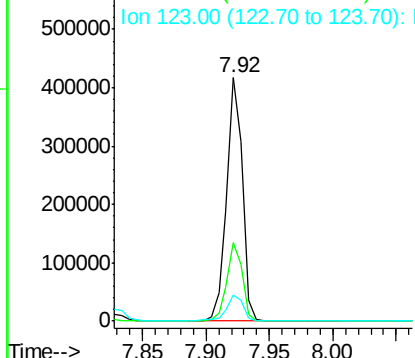
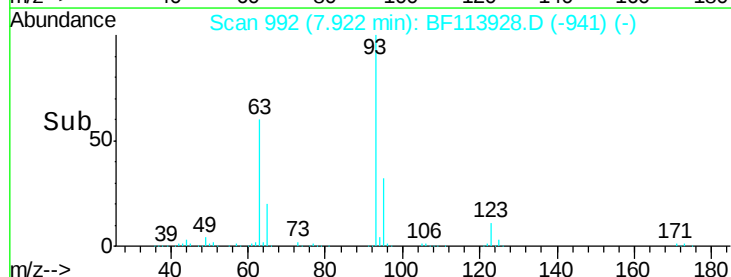


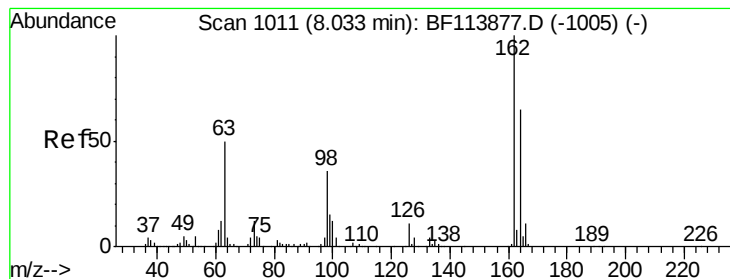
#28
bis(2-Chloroethoxy)methane
Concen: 38.059 ng
RT: 7.92 min Scan# 992
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion: 93 Resp: 357743
Ion Ratio Lower Upper
93 100
95 32.2 25.8 38.6
123 10.7 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: 37.164 ng

RT: 8.04 min Scan# 1012

Delta R.T. 0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

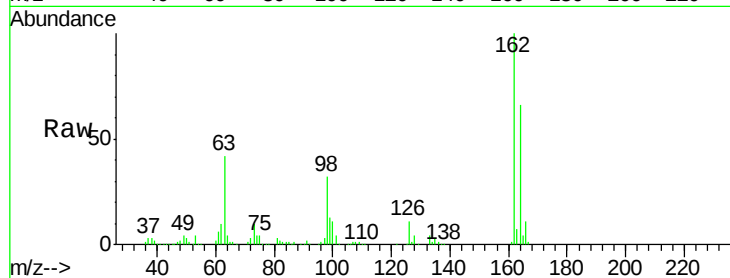
Tot Ion:162 Resp: 251625

Ion Ratio Lower Upper

162 100

164 65.8 43.7 83.7

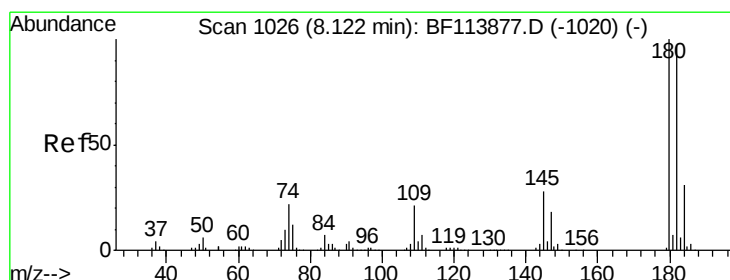
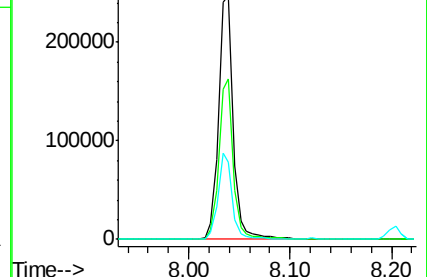
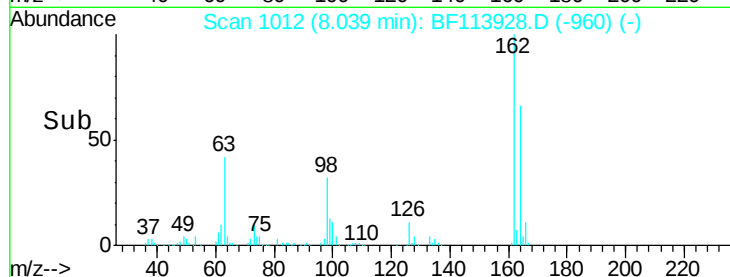
98 31.6 15.5 55.5



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30

1,2,4-Trichlorobenzene

Concen: 37.860 ng

RT: 8.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

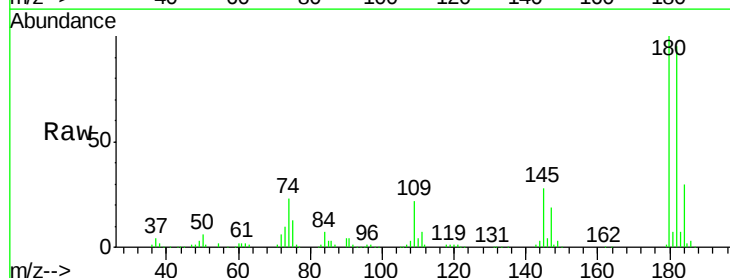
Tgt Ion:180 Resp: 285819

Ion Ratio Lower Upper

180 100

182 95.1 75.4 113.0

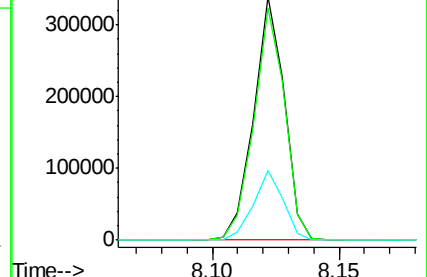
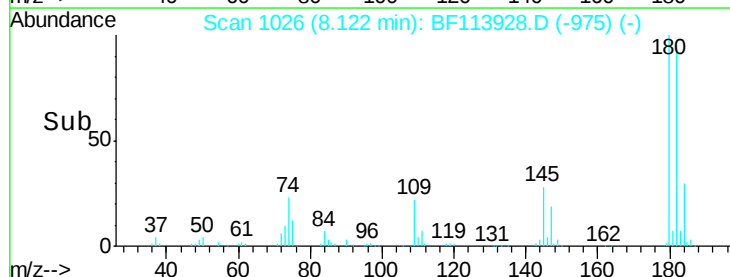
145 28.3 23.0 34.4

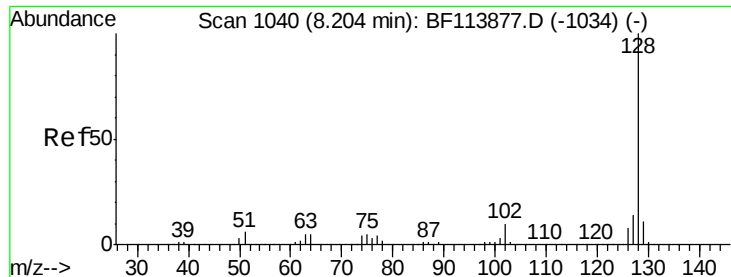


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 38.854 ng

RT: 8.20 min Scan# 1040

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampled :

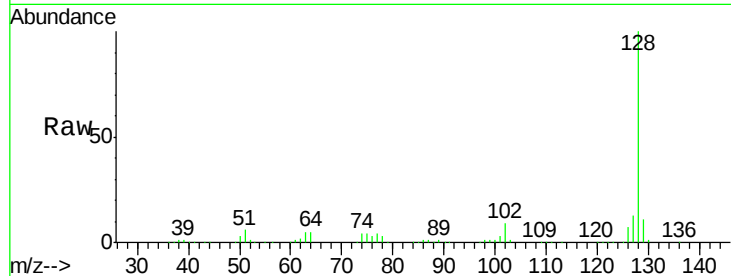
Tot Ion:128 Resp: 821597

Ion Ratio Lower Upper

128 100

129 11.1 9.4 14.0

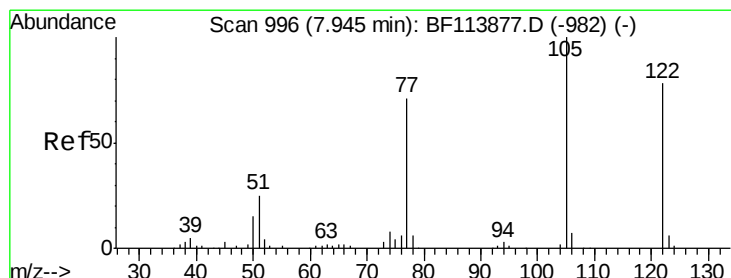
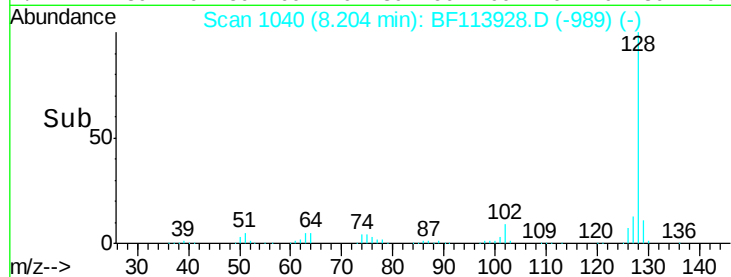
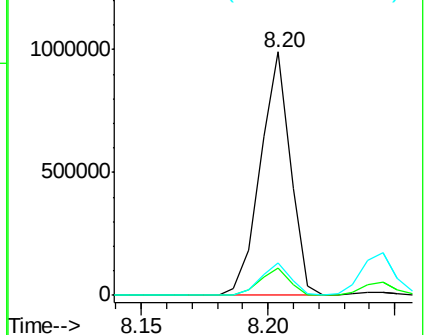
127 13.4 10.8 16.2



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: 7.501 ng

RT: 7.90 min Scan# 989

Delta R.T. -0.04 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

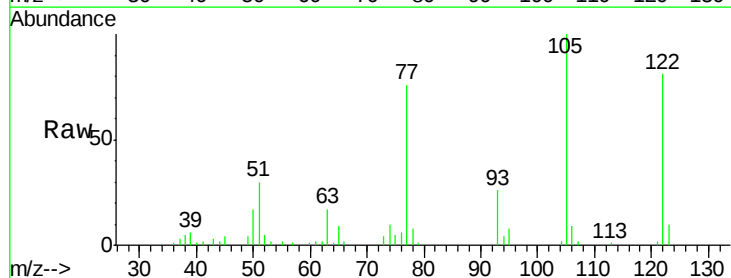
Tgt Ion:122 Resp: 29993

Ion Ratio Lower Upper

122 100

105 123.5 104.3 144.3

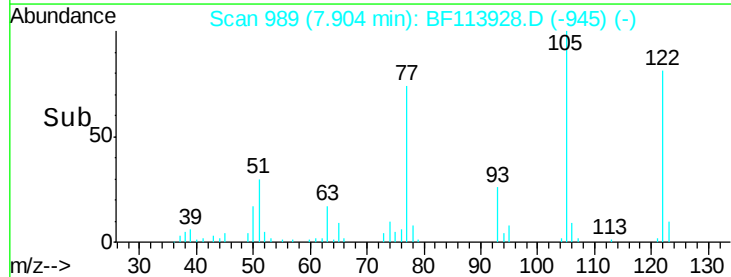
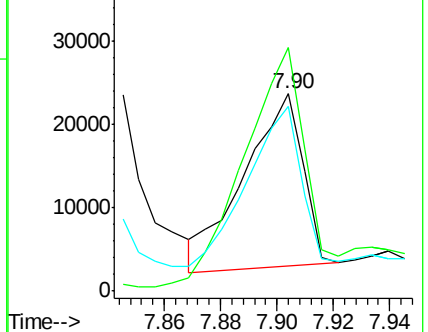
77 93.6 70.4 110.4

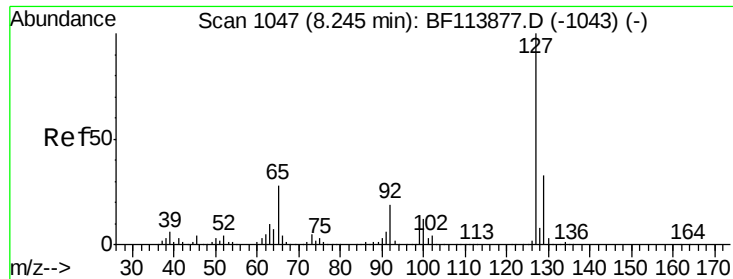


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

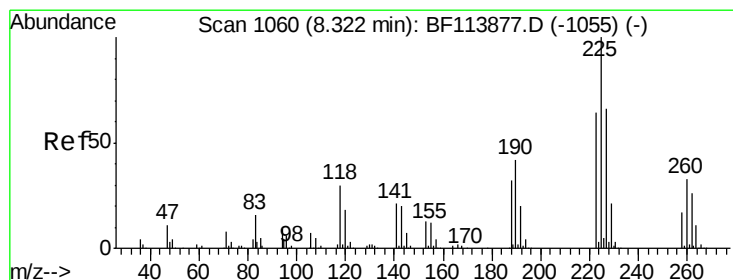
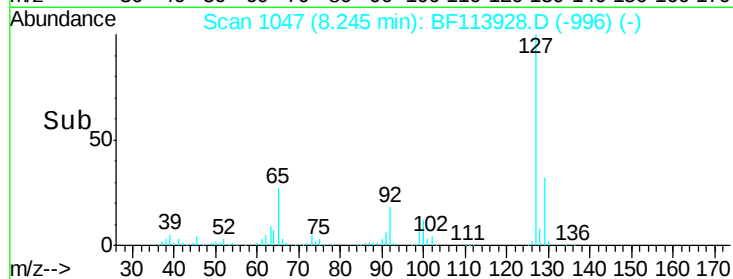
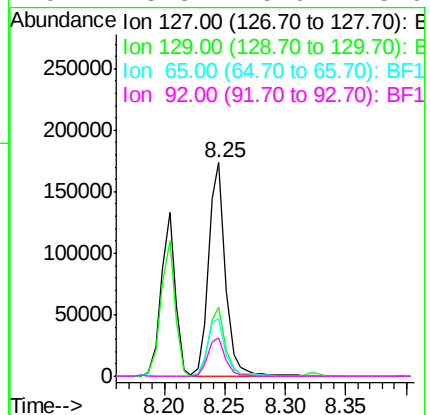
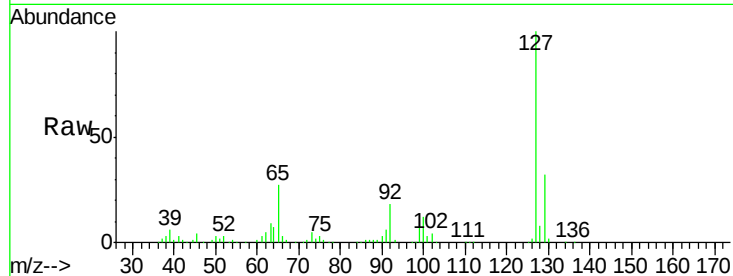




#33
 4-Chloroaniline
 Concen: 18.692 ng
 RT: 8.25 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

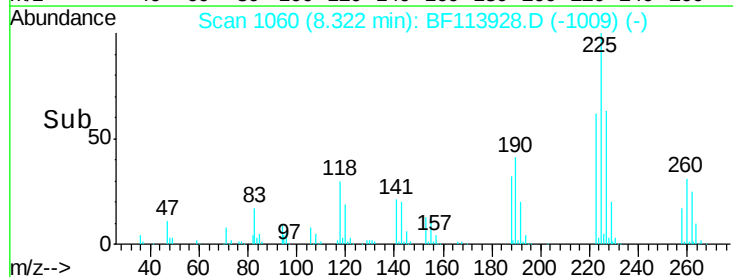
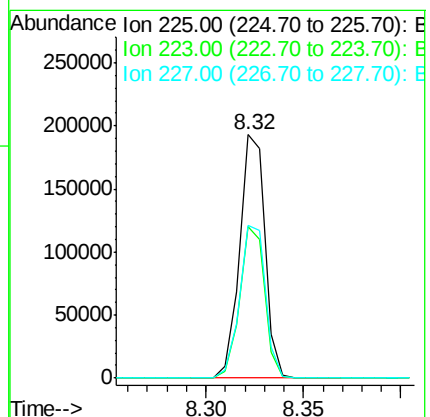
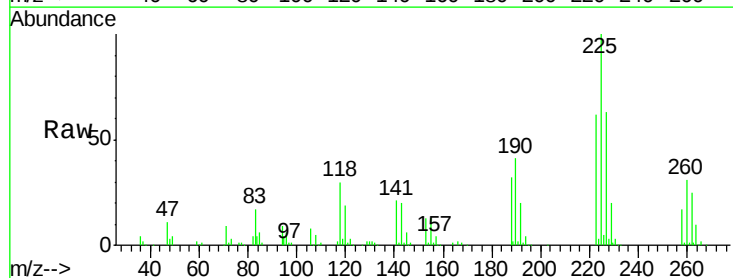
Instrument :
 BNA_F
 ClientSampled :

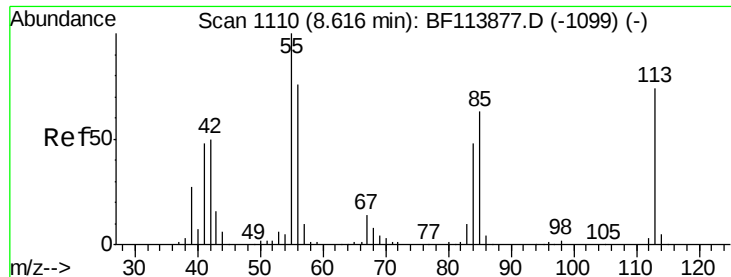
Tot Ion:127	Resp:	167249	
Ion Ratio	Lower	Upper	
127 100			
129 32.4	26.4	39.6	
65 27.0	24.9	37.3	
92 18.3	15.9	23.9	



#34
 Hexachlorobutadiene
 Concen: 36.913 ng
 RT: 8.32 min Scan# 1060
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt	Ion:225	Resp:	173722
Ion	Ratio	Lower	Upper
225	100		
223	62.3	51.1	76.7
227	62.9	49.9	74.9

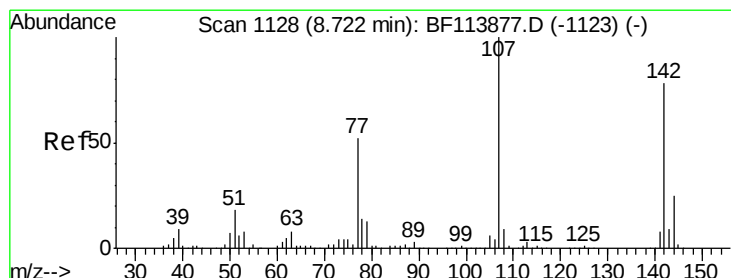
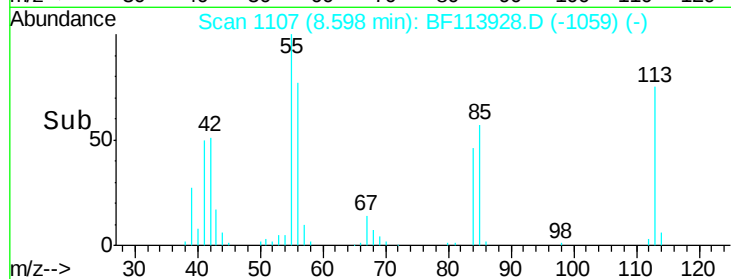
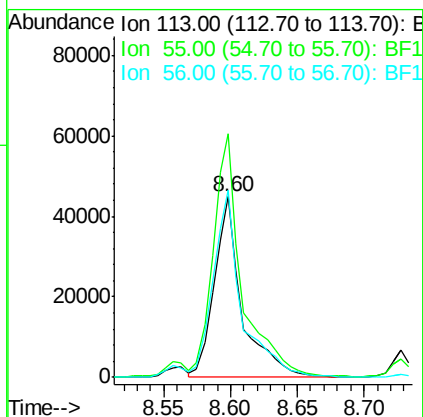
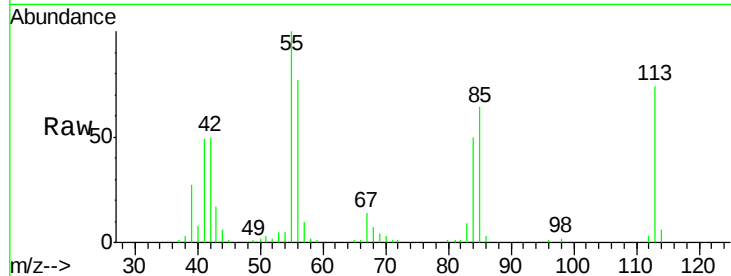




#35
 Caprolactam
 Concen: 30.514 ng
 RT: 8.60 min Scan# 1107
 Delta R.T. -0.02 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

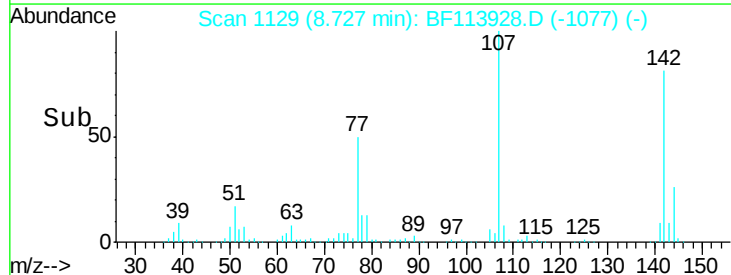
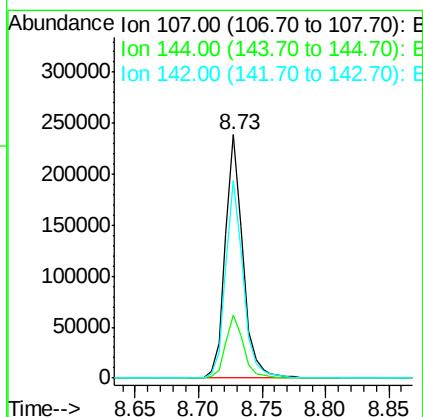
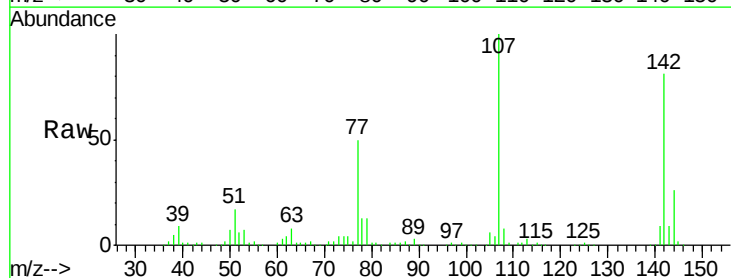
Instrument :
 BNA_F
 ClientSampled :

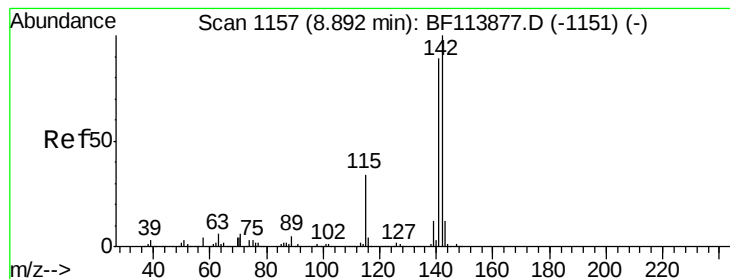
Tot Ion:113 Resp: 65722
 Ion Ratio Lower Upper
 113 100
 55 134.7 128.6 168.6
 56 103.5 91.9 131.9



#36
 4-Chloro-3-methylphenol
 Concen: 34.436 ng
 RT: 8.73 min Scan# 1129
 Delta R.T. 0.01 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion:107 Resp: 230996
 Ion Ratio Lower Upper
 107 100
 144 26.1 20.5 30.7
 142 81.4 64.2 96.4

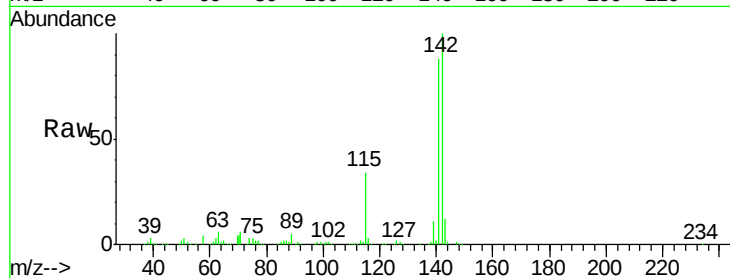




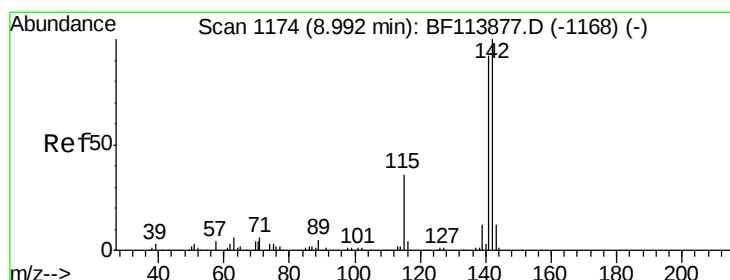
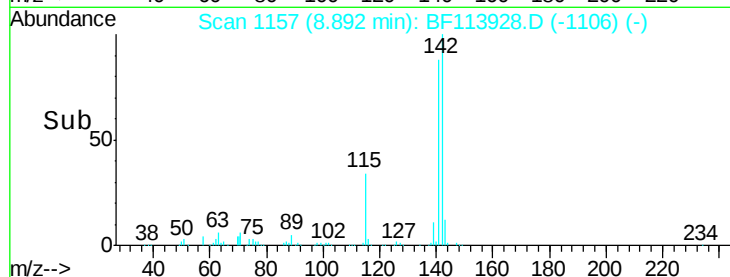
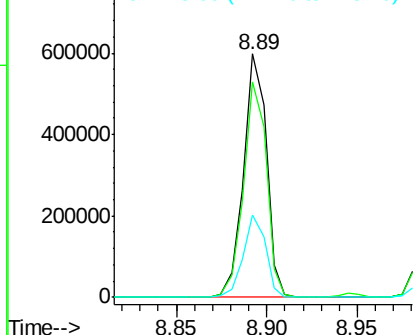
#37
 2-Methylnaphthalene
 Concen: 36.931 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:142 Resp: 526616
 Ion Ratio Lower Upper
 142 100
 141 88.4 70.4 105.6
 115 33.7 26.3 39.5

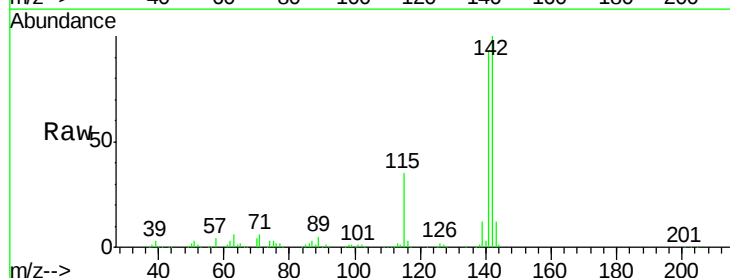


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

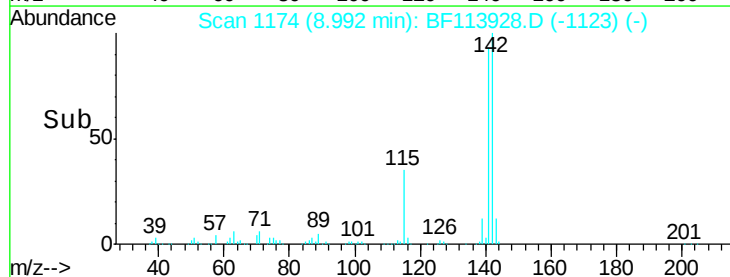
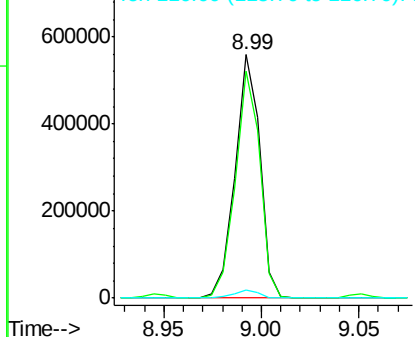


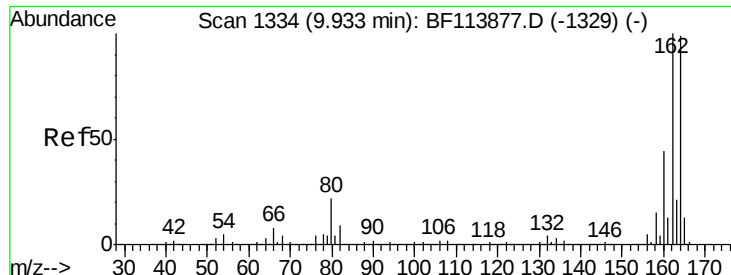
#38
 1-Methylnaphthalene
 Concen: 35.688 ng
 RT: 8.99 min Scan# 1174
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion:142 Resp: 491170
 Ion Ratio Lower Upper
 142 100
 141 93.4 72.3 108.5
 116 3.5 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: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

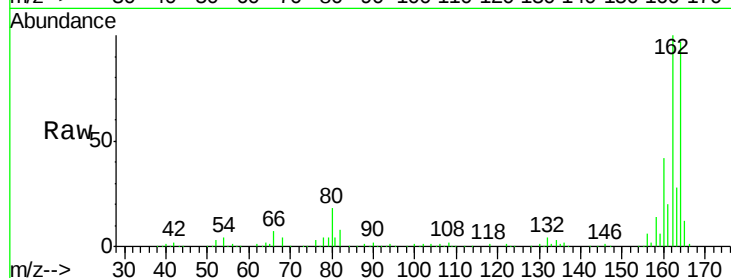
Tot Ion:164 Resp: 193755

Ion Ratio Lower Upper

164 100

162 103.2 81.1 121.7

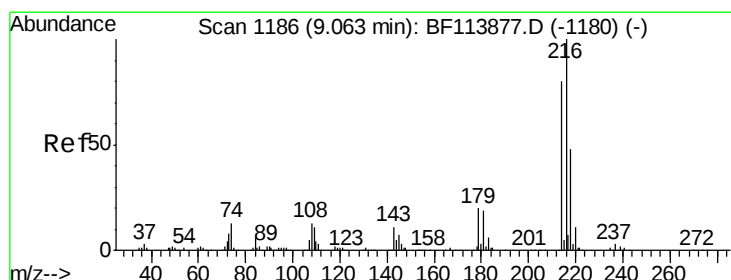
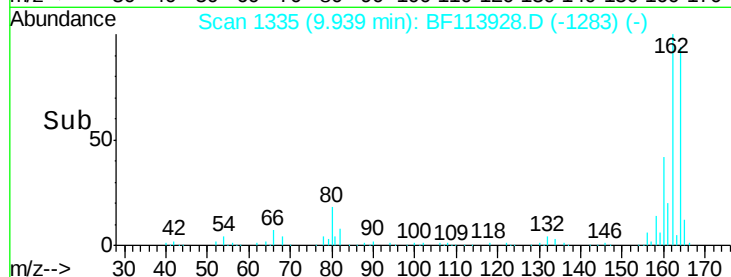
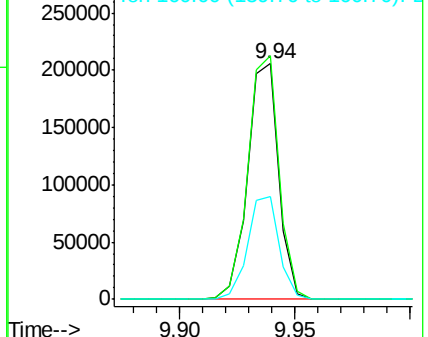
160 43.4 35.8 53.6



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: 42.090 ng

RT: 9.06 min Scan# 1186

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Tgt Ion:216 Resp: 264908

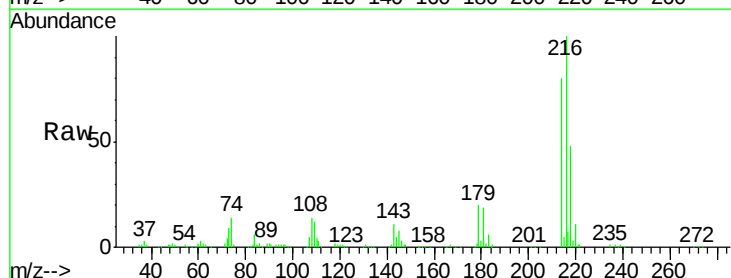
Ion Ratio Lower Upper

216 100

214 80.3 63.5 95.3

179 20.0 16.1 24.1

108 15.3 13.4 20.0

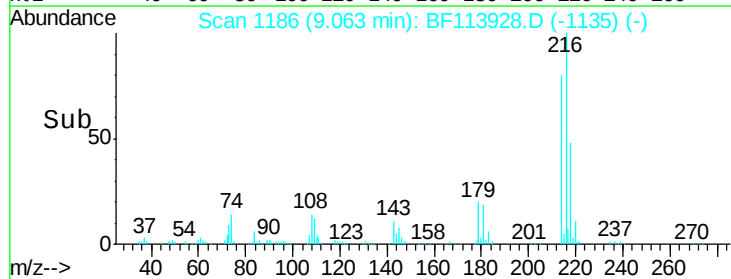
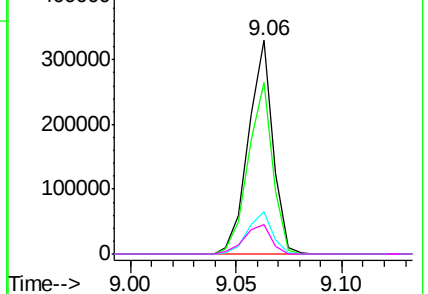


Abundance Ion 216.00 (215.70 to 216.70): E

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: 20.141 ng

RT: 9.05 min Scan# 1184

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

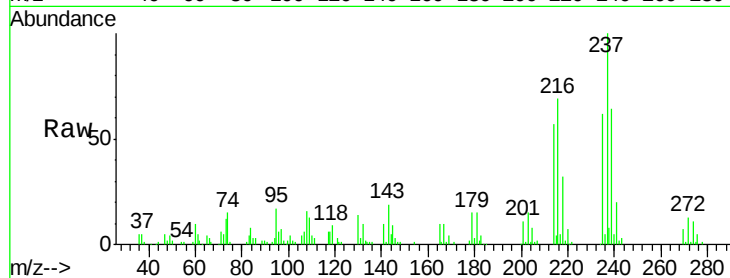
Tot Ion:237 Resp: 70687

Ion Ratio Lower Upper

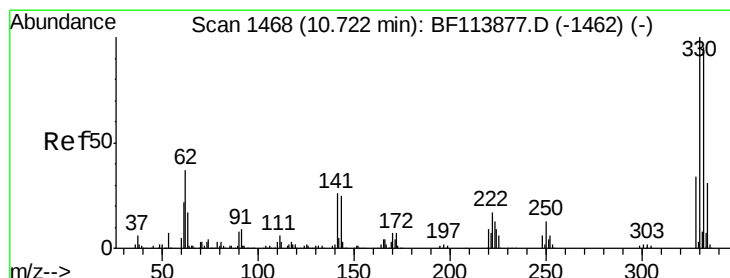
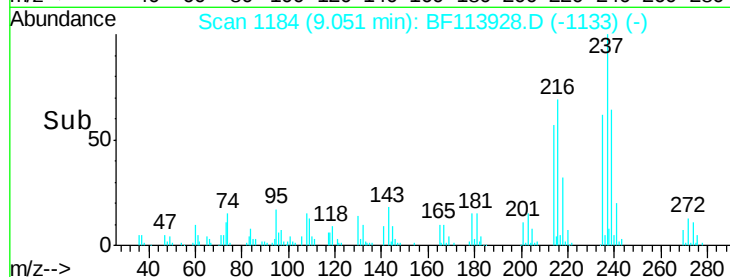
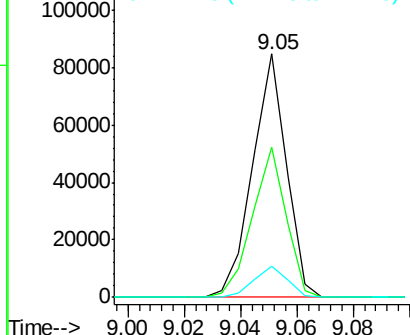
237 100

235 61.6 42.6 82.6

272 12.6 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: 106.117 ng

RT: 10.72 min Scan# 1468

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

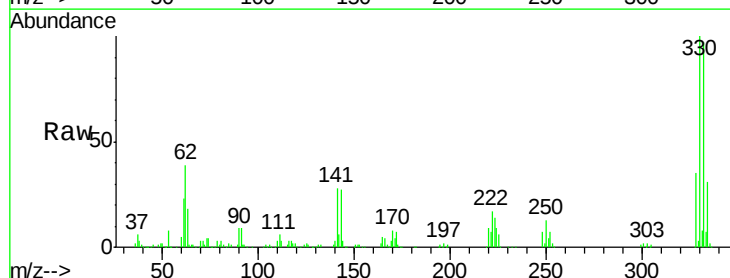
Tgt Ion:330 Resp: 250472

Ion Ratio Lower Upper

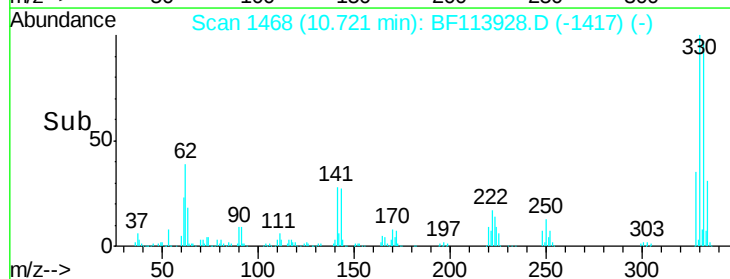
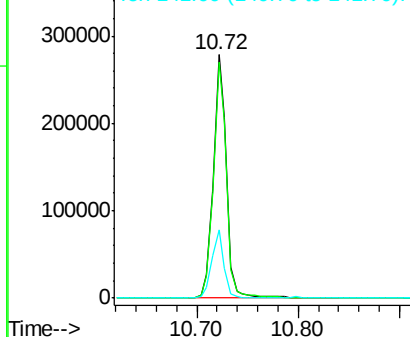
330 100

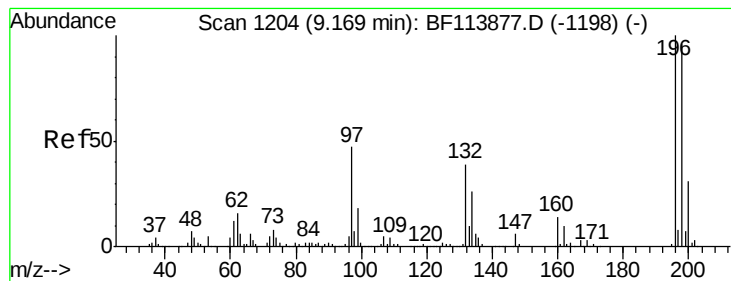
332 97.5 77.5 116.3

141 26.2 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: 42.019 ng

RT: 9.17 min Scan# 1204

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampled :

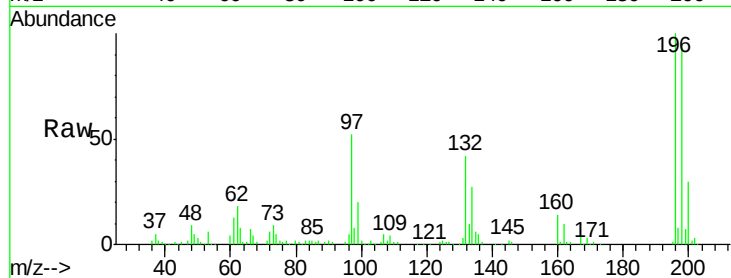
Tot Ion:196 Resp: 167930

Ion Ratio Lower Upper

196 100

198 94.9 75.6 113.4

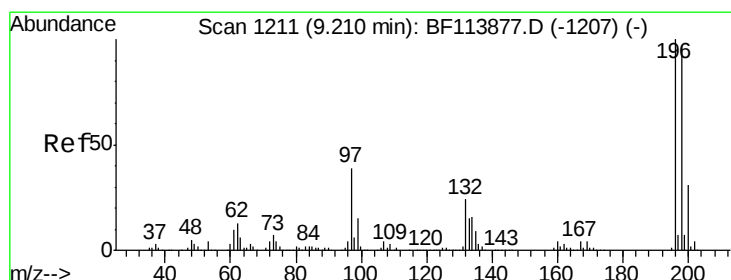
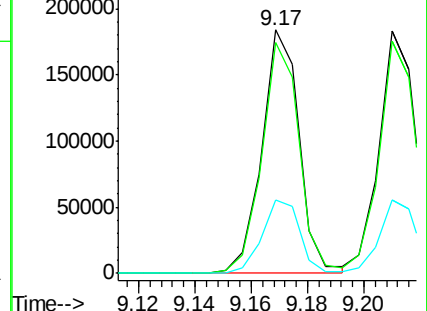
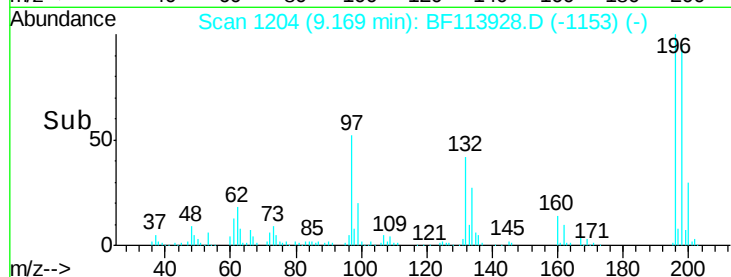
200 30.0 24.7 37.1



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: 39.852 ng

RT: 9.21 min Scan# 1211

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Tgt Ion:196 Resp: 178645

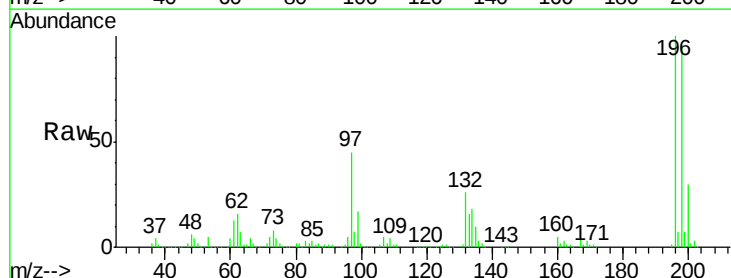
Ion Ratio Lower Upper

196 100

198 95.6 76.2 114.4

97 44.6 35.8 53.8

132 25.9 20.9 31.3

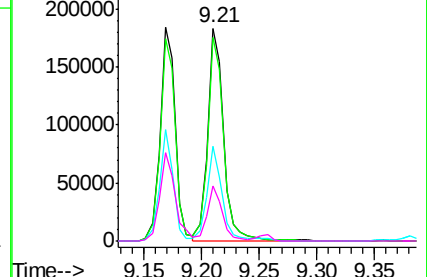
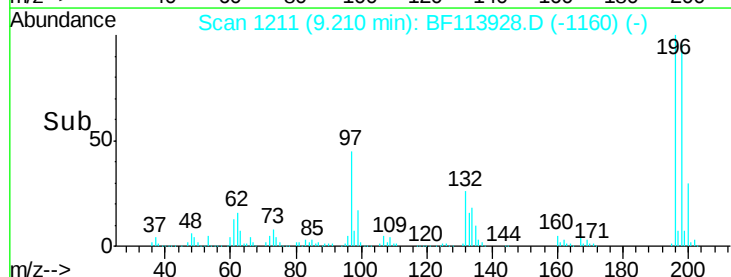


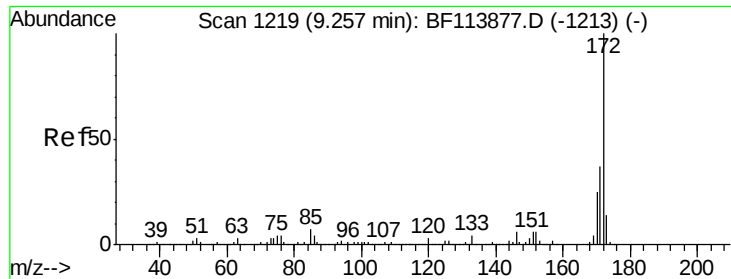
Abundance Ion 196.00 (195.70 to 196.70): E

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

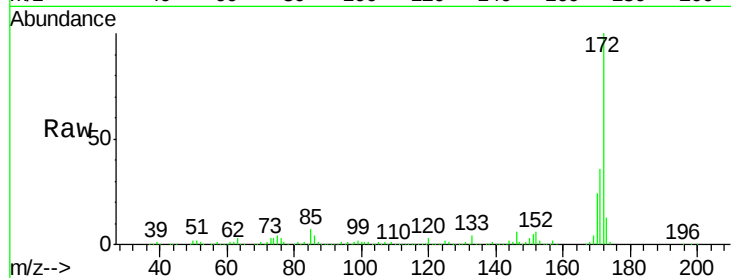




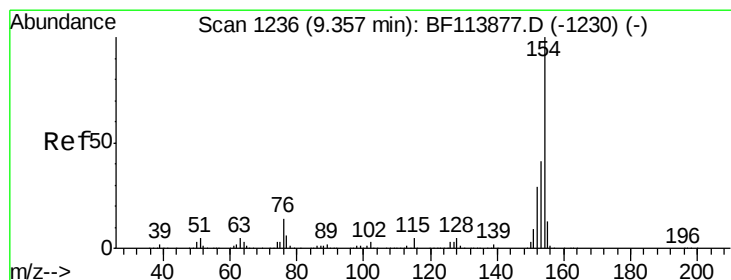
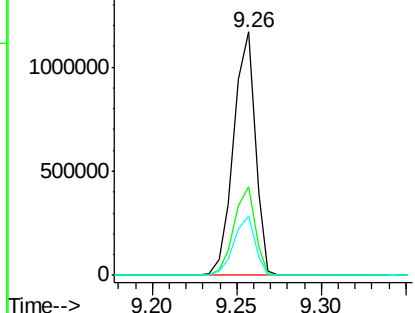
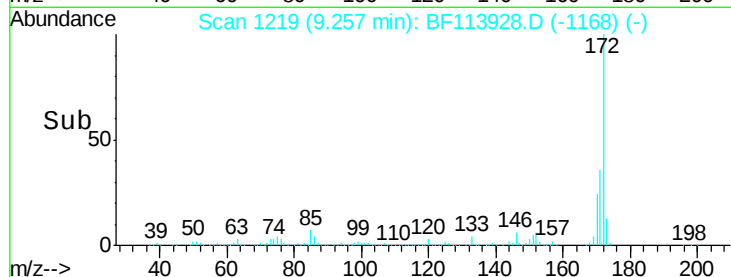
#45
 2-Fluorobiphenyl
 Concen: 84.177 ng
 RT: 9.26 min Scan# 1219
 Delta R.T. 0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1042802
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.3 19.9 29.9

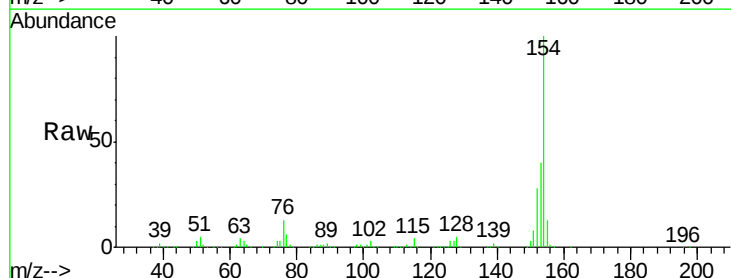


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

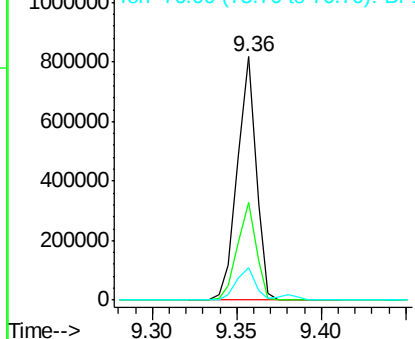
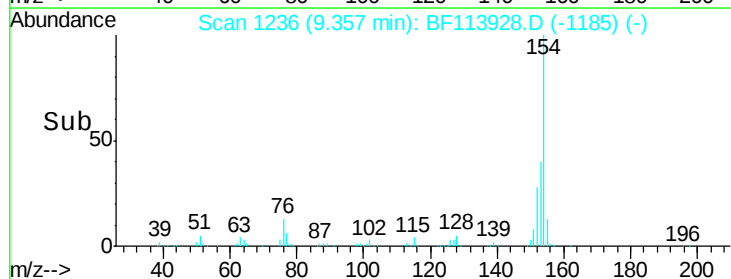


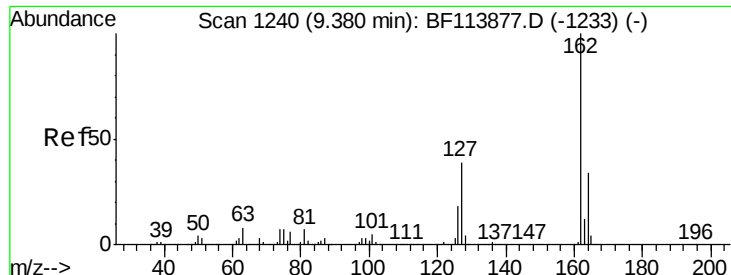
#46
 1,1'-Biphenyl
 Concen: 42.678 ng
 RT: 9.36 min Scan# 1236
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion:154 Resp: 631697
 Ion Ratio Lower Upper
 154 100
 153 40.1 20.8 60.8
 76 13.3 0.0 35.2



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF1

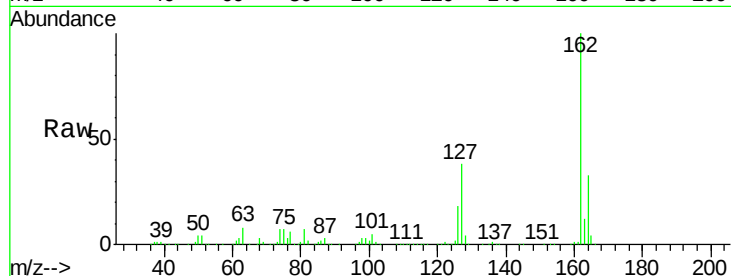




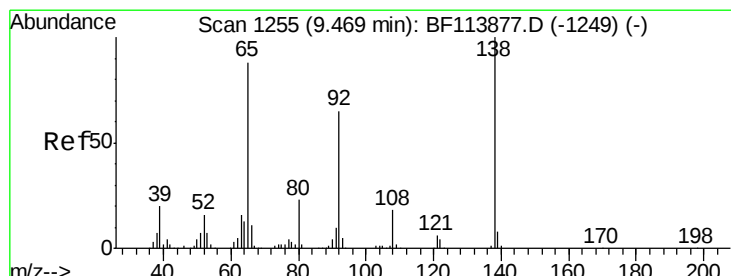
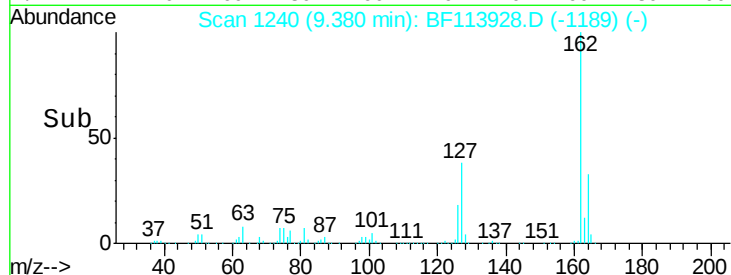
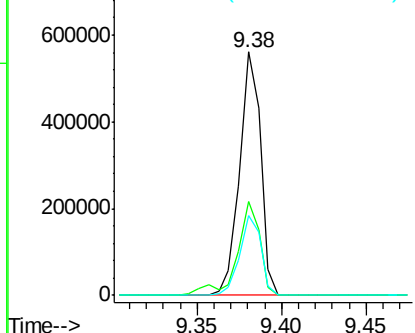
#47
 2-Chloronaphthalene
 Concen: 40.423 ng
 RT: 9.38 min Scan# 1240
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.4	29.3	43.9
164	32.8	27.1	40.7

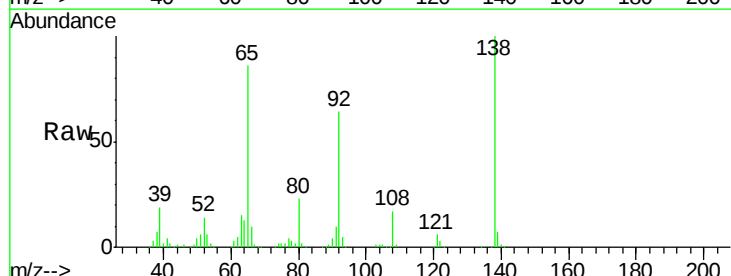


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

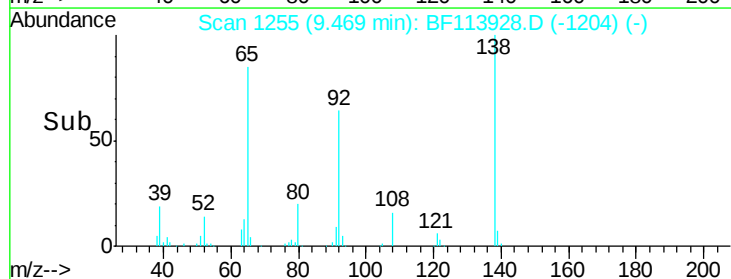
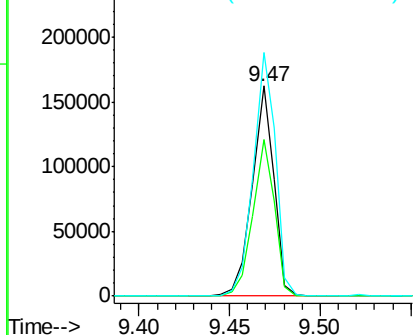


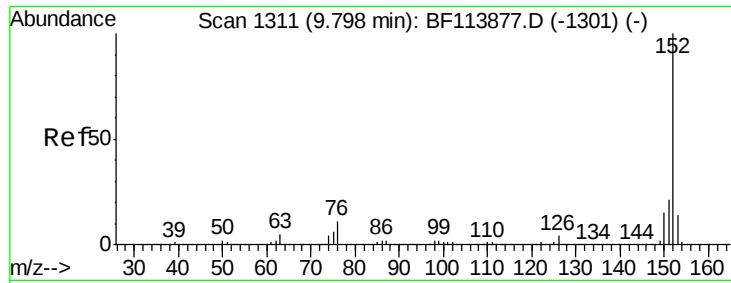
#48
 2-Nitroaniline
 Concen: 42.713 ng
 RT: 9.47 min Scan# 1255
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.7	57.4	86.0
138	116.1	85.4	128.0



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





#49

Acenaphthylene

Concen: 38.256 ng

RT: 9.80 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

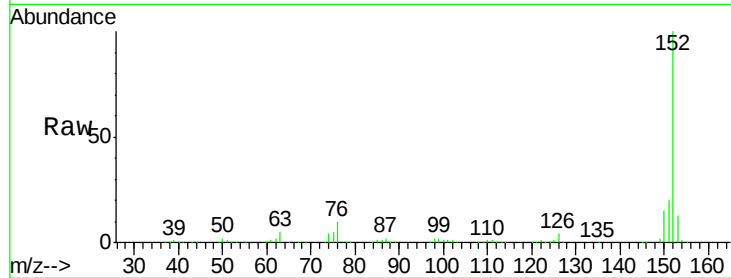
Tot Ion:152 Resp: 720895

Ion Ratio Lower Upper

152 100

151 20.3 17.0 25.4

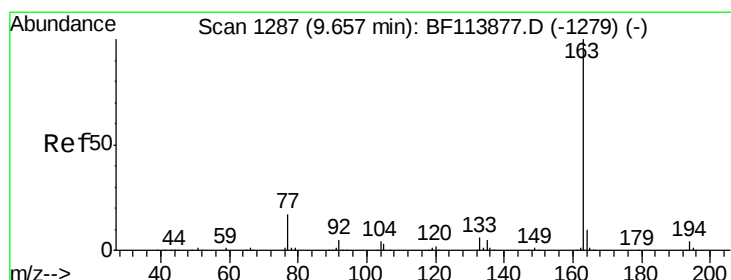
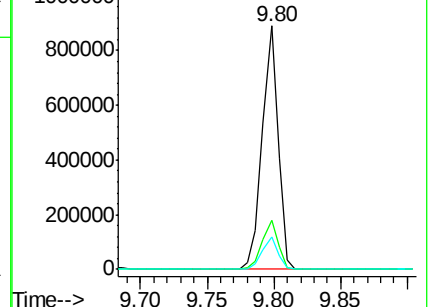
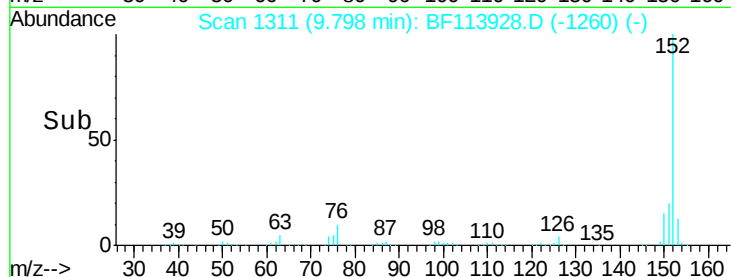
153 13.2 11.0 16.6



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: 54.031 ng

RT: 9.65 min Scan# 1286

Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

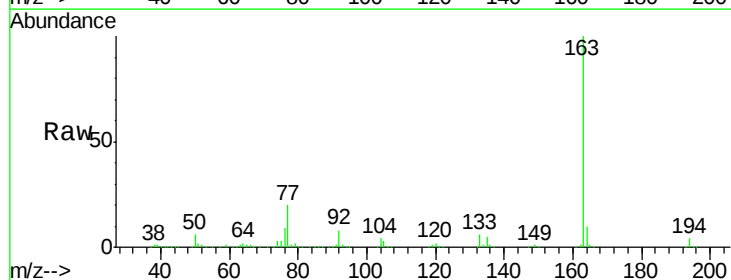
Tgt Ion:163 Resp: 757124

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.2

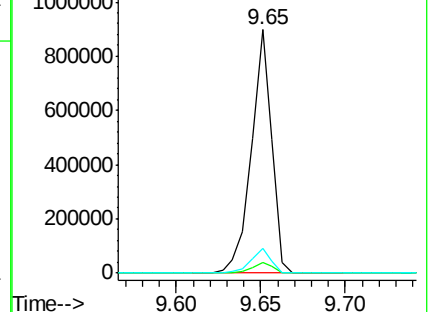
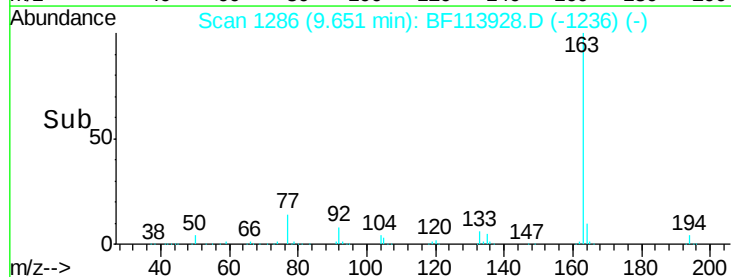
164 10.2 8.5 12.7

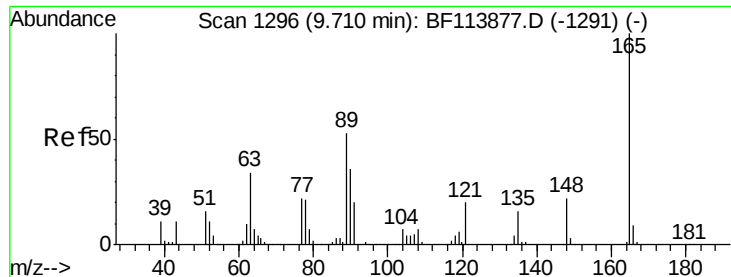


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

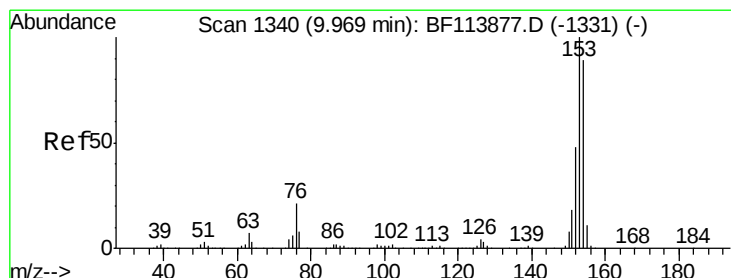
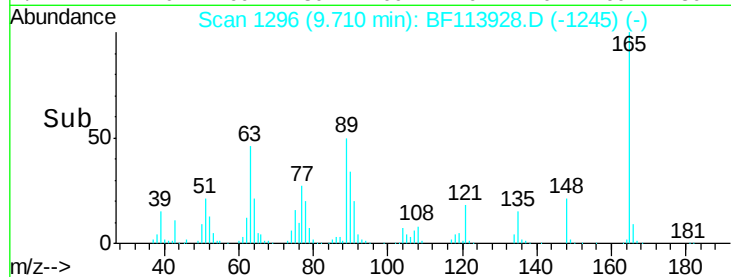
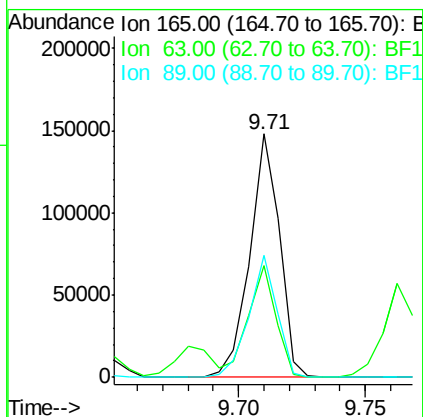
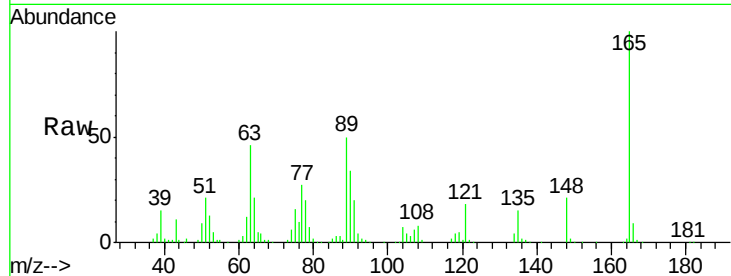




#51
 2,6-Dinitrotoluene
 Concen: 40.160 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

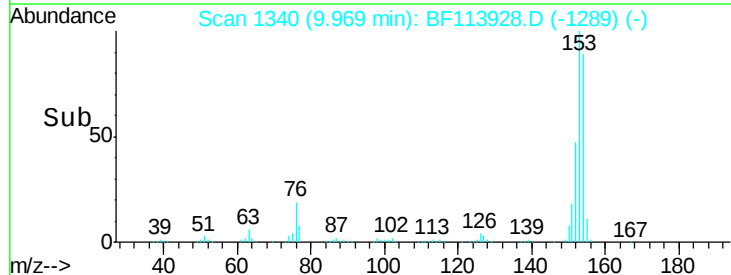
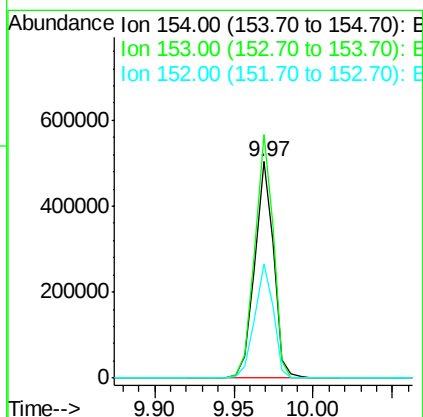
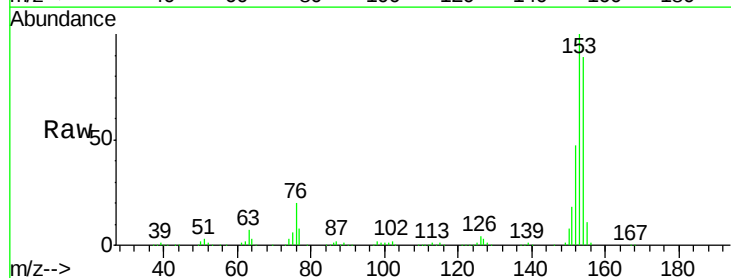
Instrument :
 BNA_F
 ClientSampled :

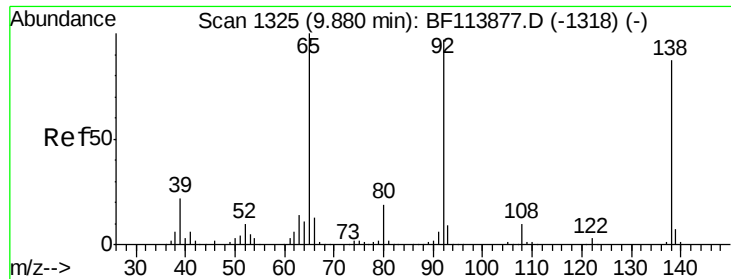
Tot Ion	Ratio	Lower	Upper
165	100		
63	45.9	33.8	50.8
89	49.9	38.2	57.2



#52
 Acenaphthene
 Concen: 37.406 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
154	100		
153	112.4	87.2	130.8
152	52.7	42.3	63.5

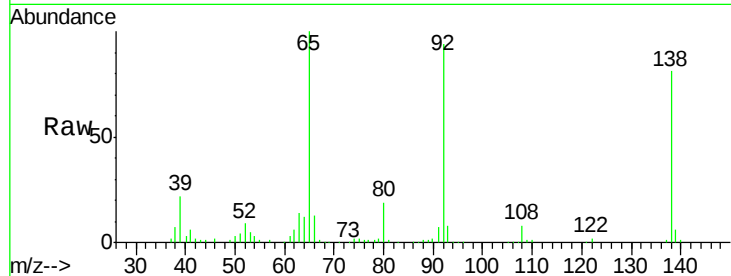




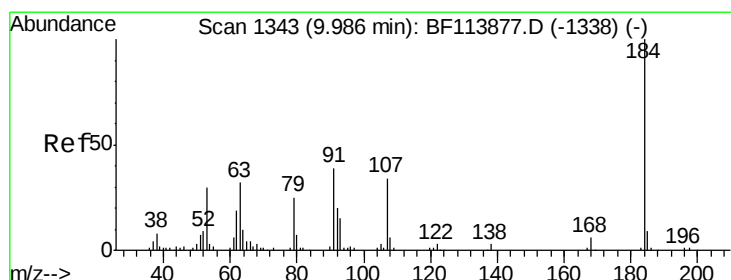
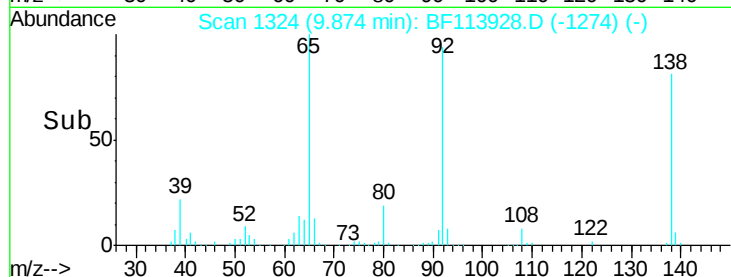
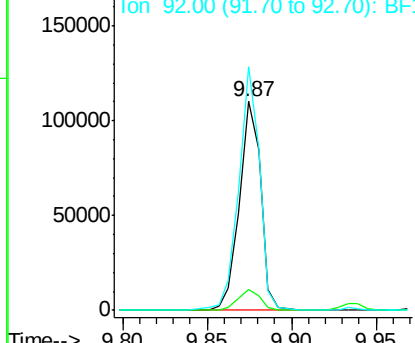
#53
3-Nitroaniline
Concen: 30.643 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 96801
Ion Ratio Lower Upper
138 100
108 10.3 9.4 14.2
92 116.7 94.1 141.1

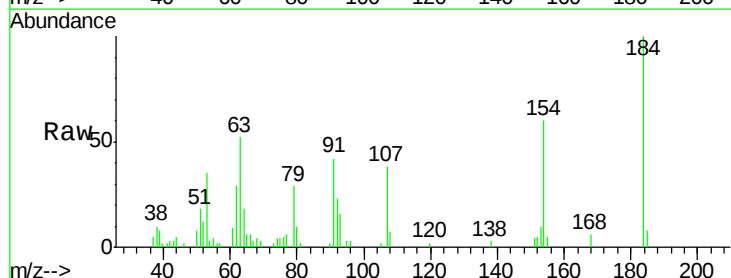


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

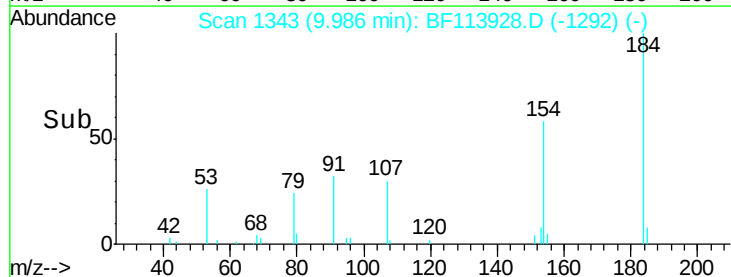
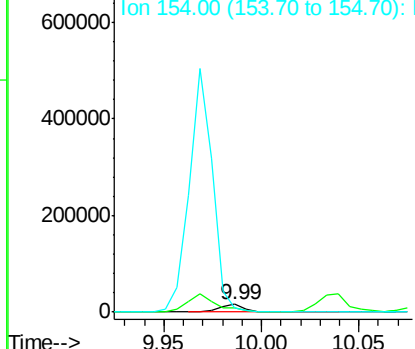


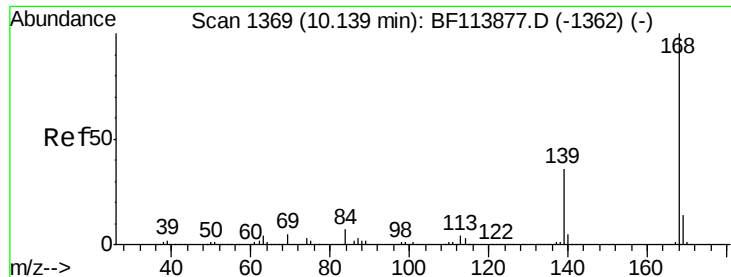
#54
2,4-Dinitrophenol
Concen: 17.953 ng
RT: 9.99 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion:184 Resp: 13985
Ion Ratio Lower Upper
184 100
63 51.9 54.6 81.8#
154 60.4 218.6 328.0#



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

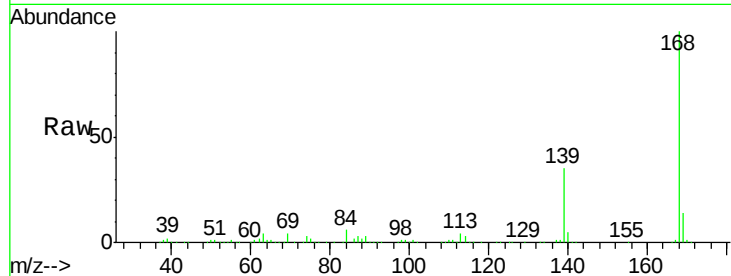




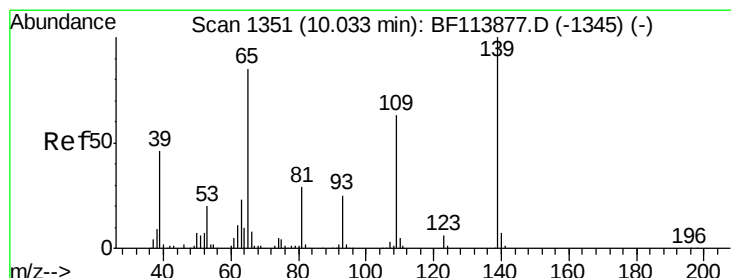
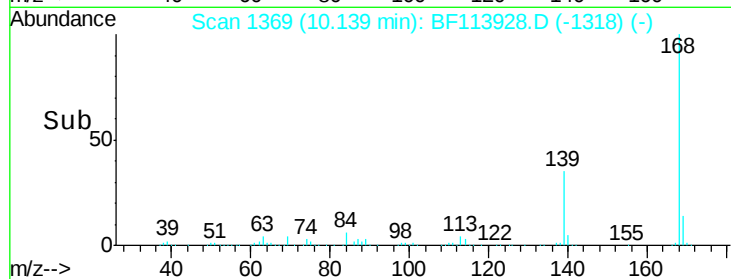
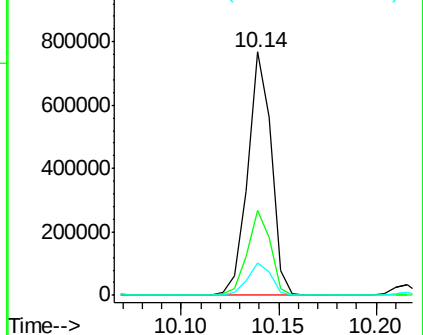
#55
Dibenzenofuran
Concen: 38.393 ng
RT: 10.14 min Scan# 1369
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:168 Resp: 640456
Ion Ratio Lower Upper
168 100
139 35.1 27.8 41.6
169 13.5 11.0 16.6

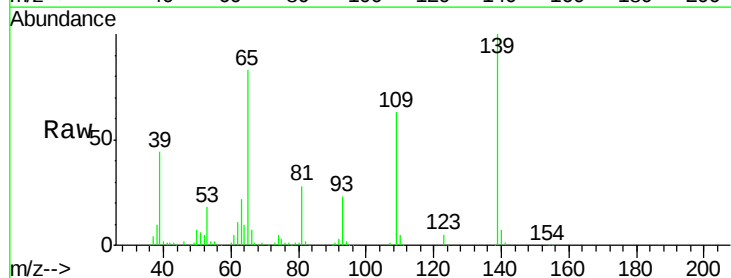


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

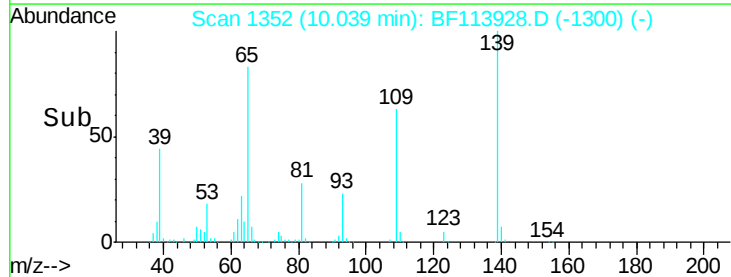
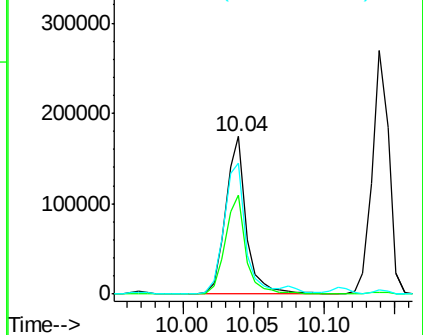


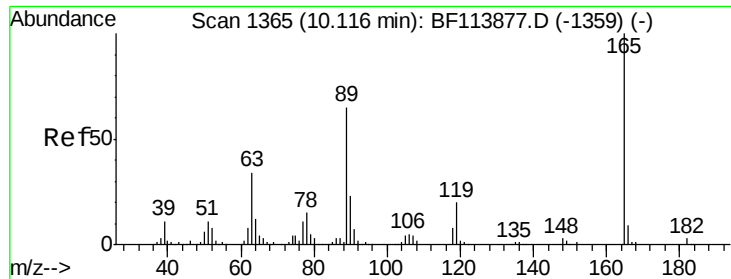
#56
4-Nitrophenol
Concen: 70.775 ng
RT: 10.04 min Scan# 1352
Delta R.T. 0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion:139 Resp: 177024
Ion Ratio Lower Upper
139 100
109 62.7 42.9 82.9
65 82.8 64.4 104.4



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

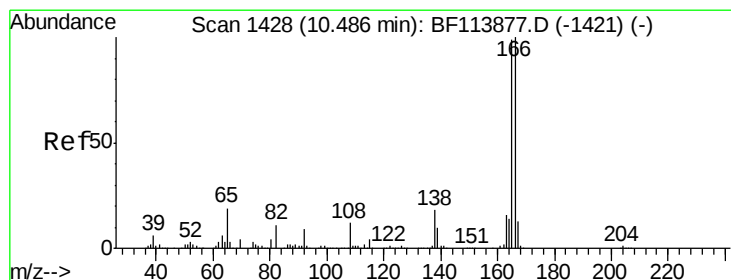
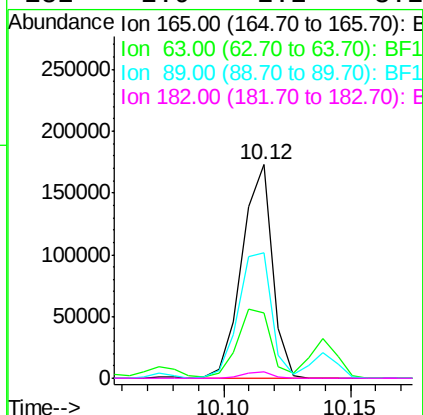
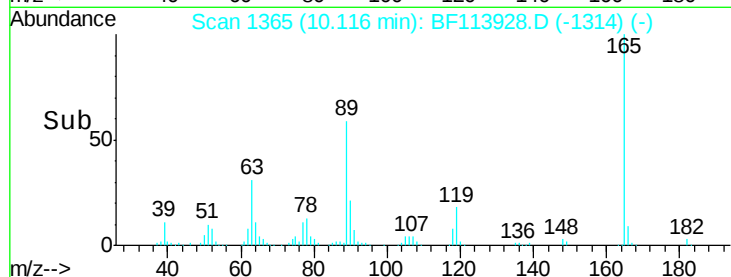
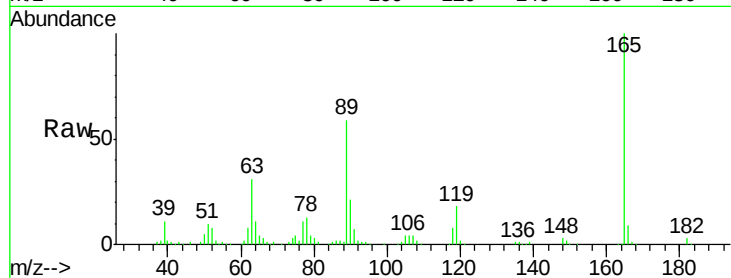




#57
2,4-Dinitrotoluene
Concen: 37.986 ng
RT: 10.12 min Scan# 1365
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

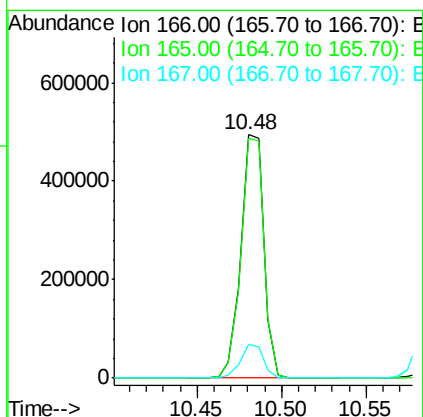
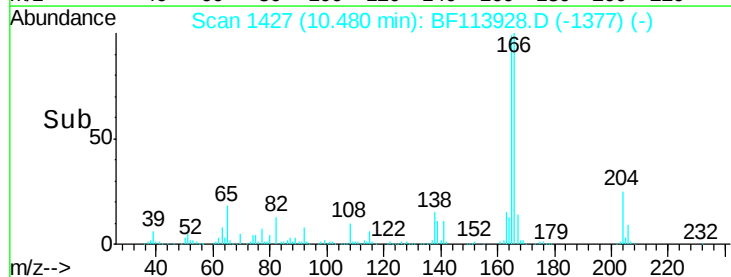
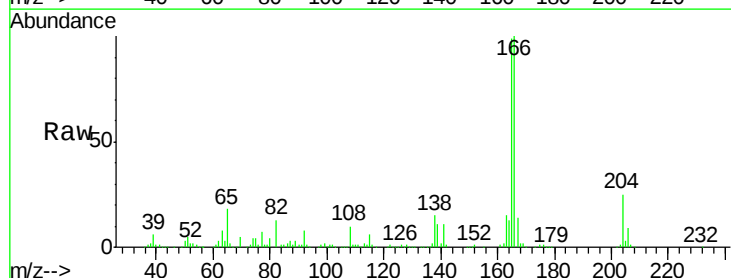
Instrument :
BNA_F
ClientSampleId :

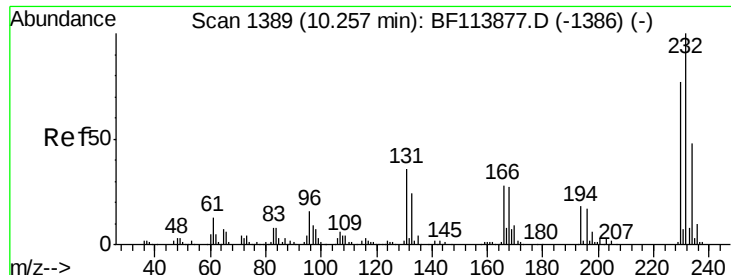
Tot Ion	Ion	Ratio	Lower	Upper
165	100			
63	30.8	27.4	41.0	
89	58.6	51.8	77.6	
182	2.9	2.2	3.2	



#58
Fluorene
Concen: 37.243 ng
RT: 10.48 min Scan# 1427
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion	Ion	Ratio	Lower	Upper
166	100			
165	98.7	78.4	117.6	
167	13.7	10.9	16.3	

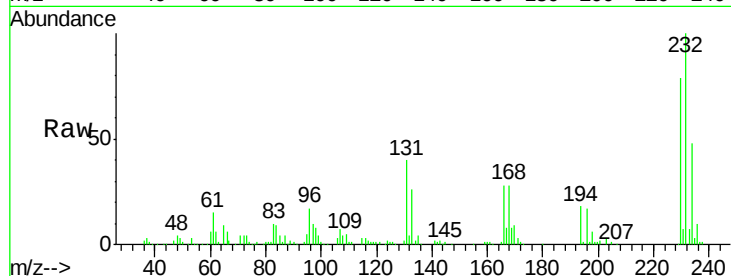




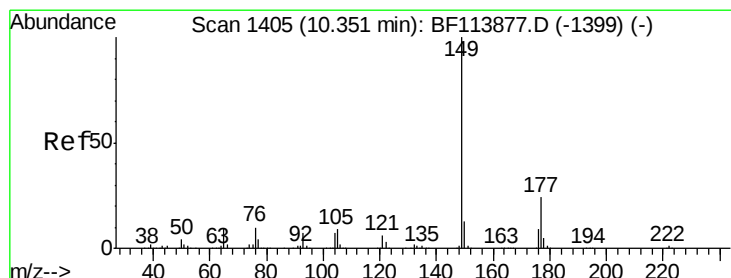
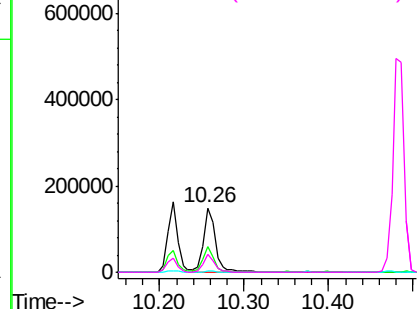
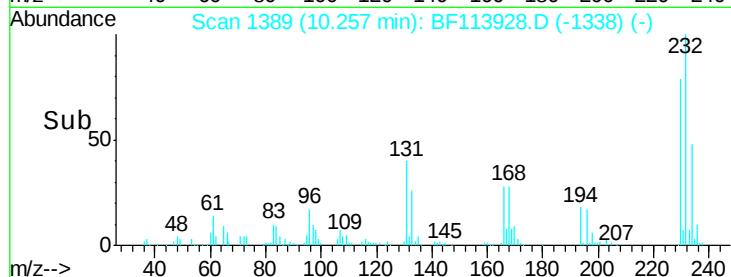
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.302 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
232	100		
131	36.0	30.2	45.2
130	1.6	1.5	2.3
166	25.8	22.2	33.4

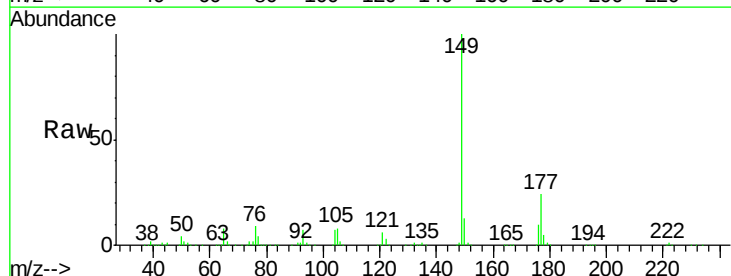


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

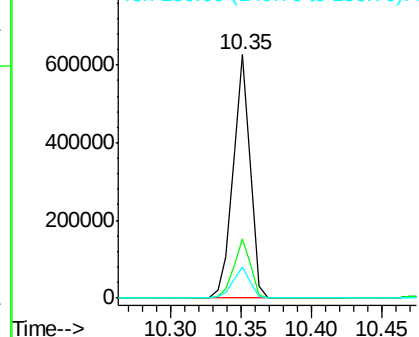
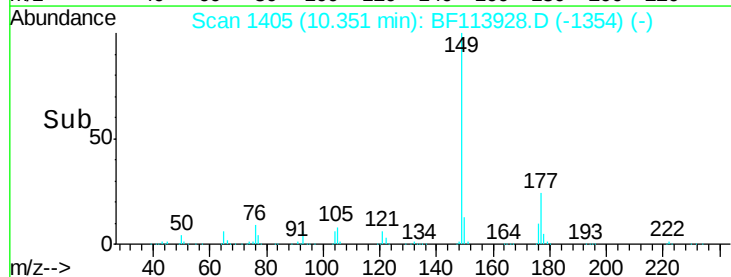


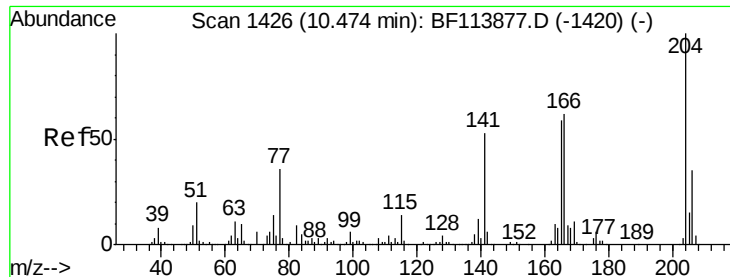
#60
 Diethylphthalate
 Concen: 39.336 ng
 RT: 10.35 min Scan# 1405
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.3	19.2	28.8
150	12.6	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

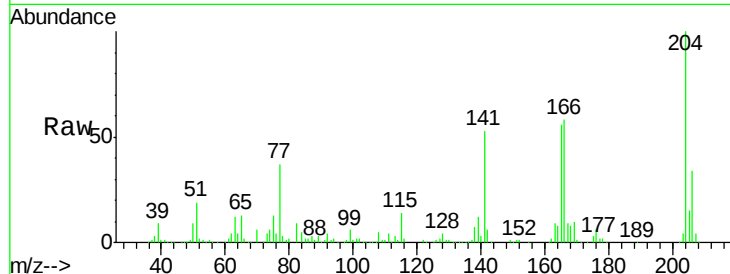




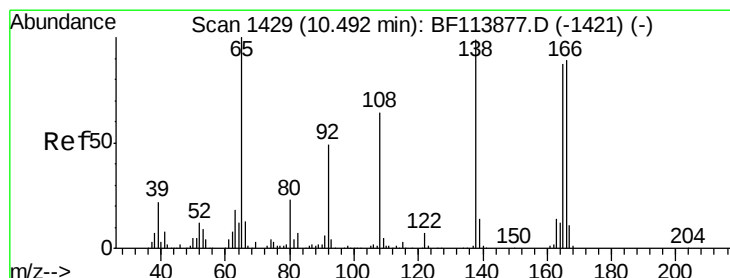
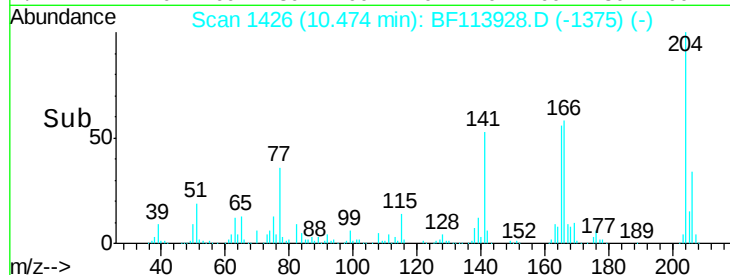
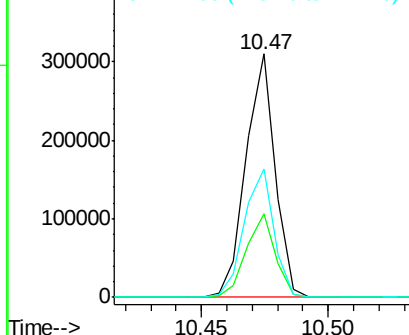
#61
4-Chlorophenyl-phenylether
Concen: 37.222 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:204 Resp: 247570
Ion Ratio Lower Upper
204 100
206 34.3 27.4 41.2
141 52.9 42.6 63.8

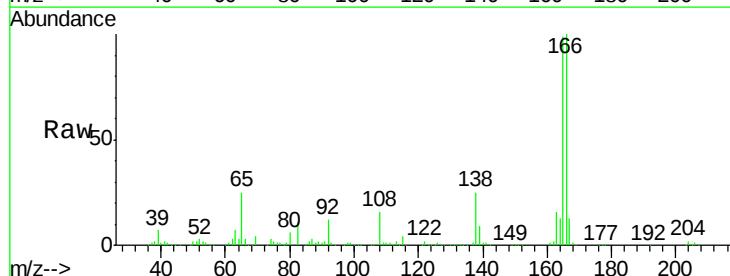


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

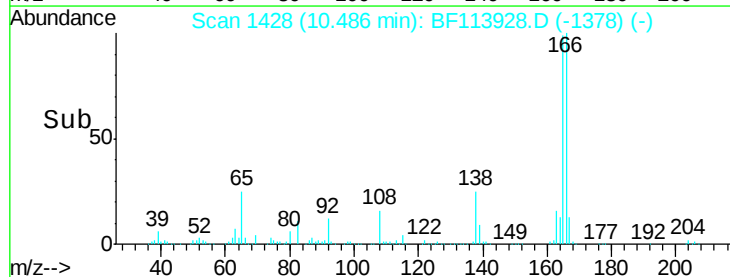
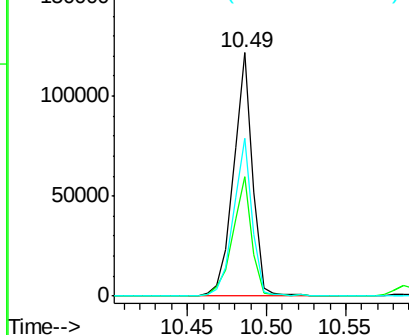


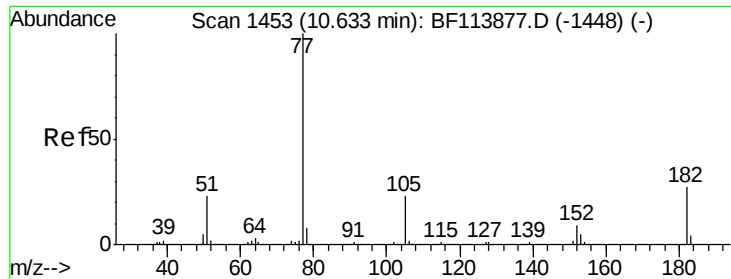
#62
4-Nitroaniline
Concen: 32.803 ng
RT: 10.49 min Scan# 1428
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion:138 Resp: 101125
Ion Ratio Lower Upper
138 100
92 49.0 31.3 71.3
108 64.8 48.9 88.9



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

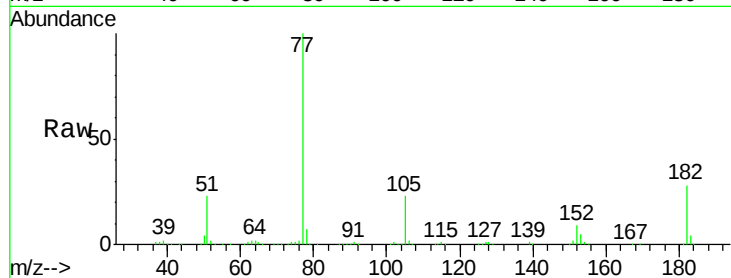




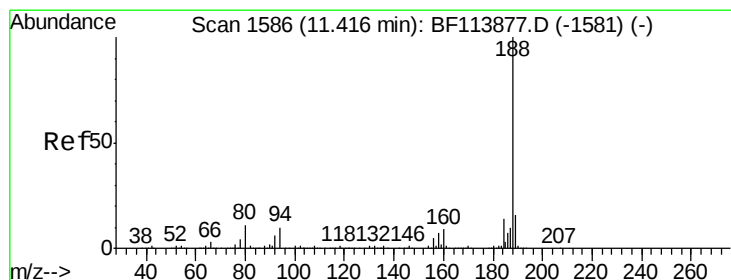
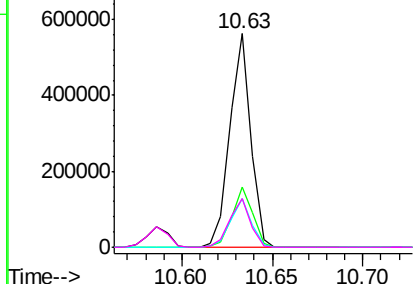
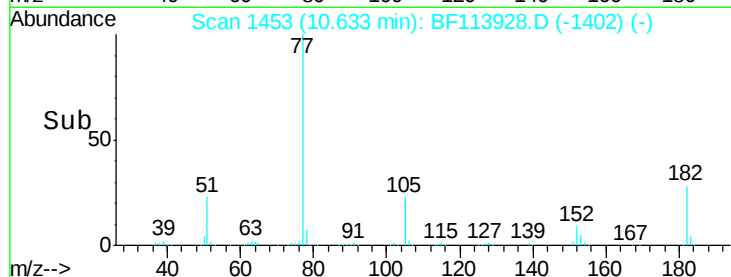
#63
Azobenzene
Concen: 35.195 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	453897
Ion	Ratio	Lower	Upper
77	100		
182	28.1	4.4	44.4
105	22.9	2.2	42.2
51	22.7	3.9	43.9

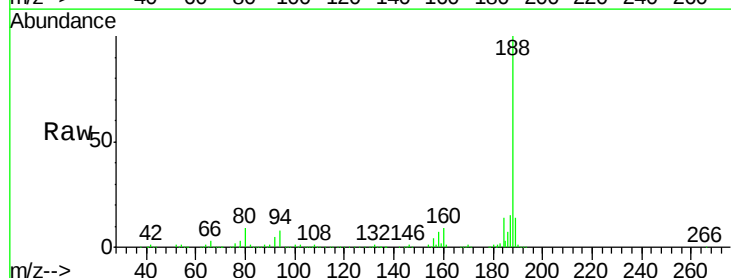


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

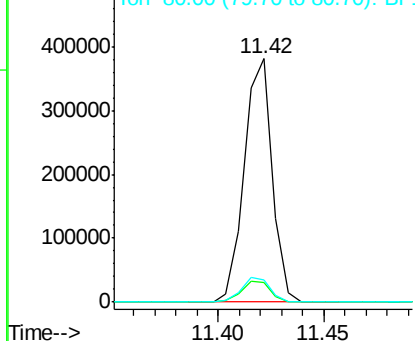
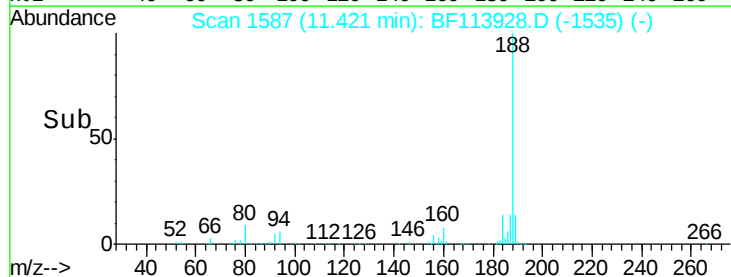


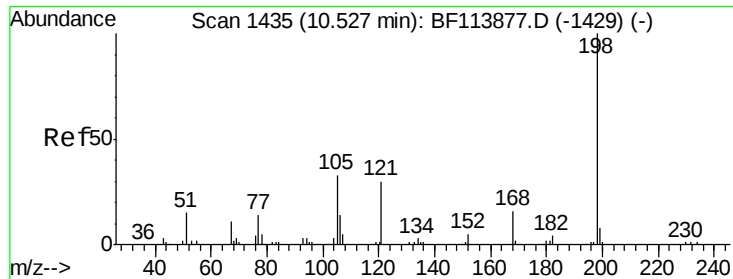
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1587
Delta R.T. 0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion:	188	Resp:	349785
Ion	Ratio	Lower	Upper
188	100		
94	8.0	8.2	12.4#
80	8.9	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: 15.291 ng

RT: 10.52 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

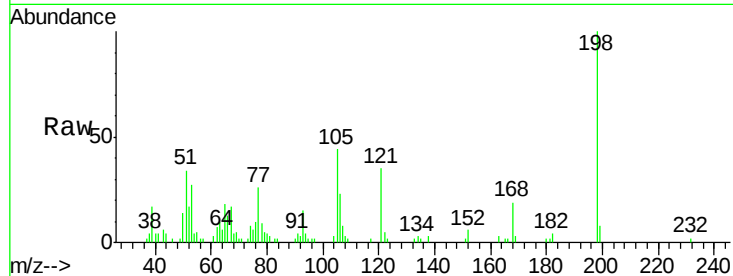
Tot Ion:198 Resp: 15097

Ion Ratio Lower Upper

198 100

51 33.6 11.1 51.1

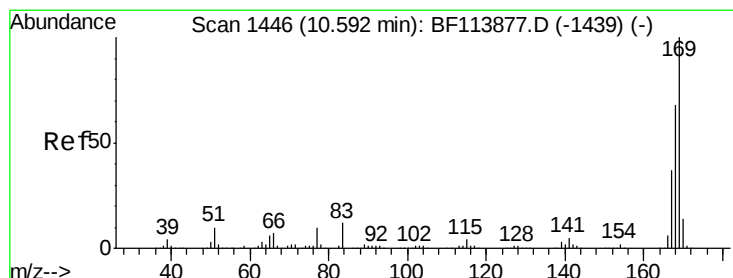
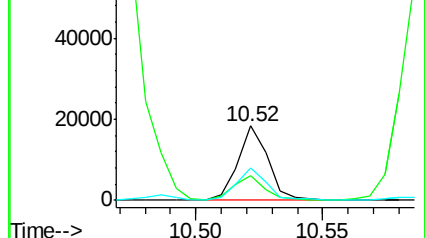
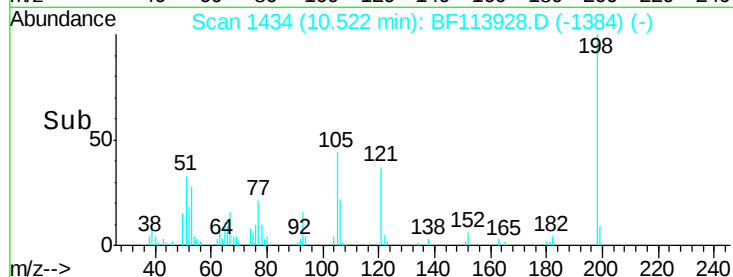
105 44.5 20.7 60.7



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.290 ng

RT: 10.59 min Scan# 1445

Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

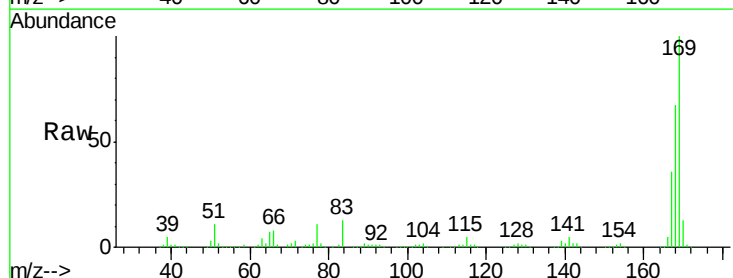
Tgt Ion:169 Resp: 422859

Ion Ratio Lower Upper

169 100

168 66.9 54.3 81.5

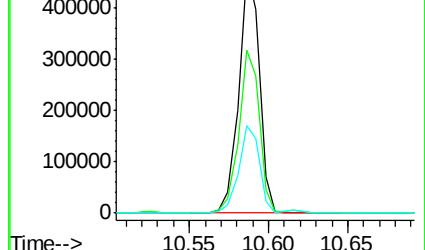
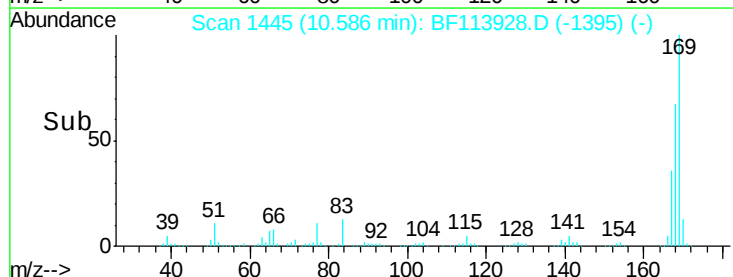
167 35.9 29.4 44.0

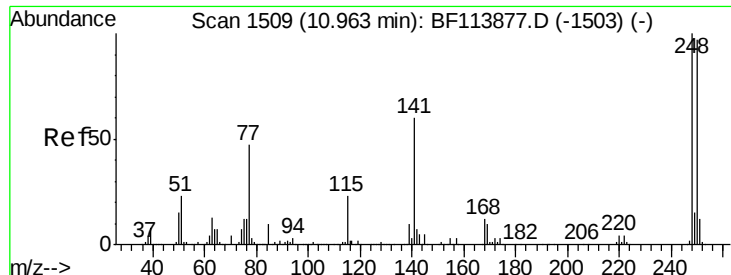


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

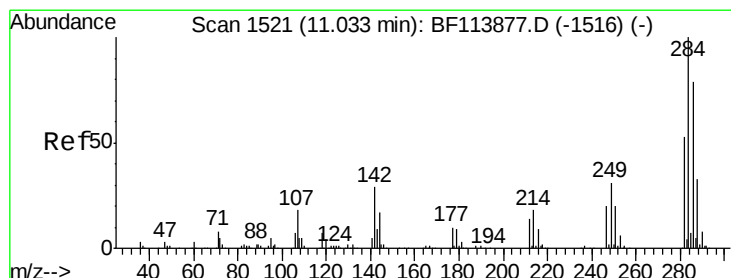
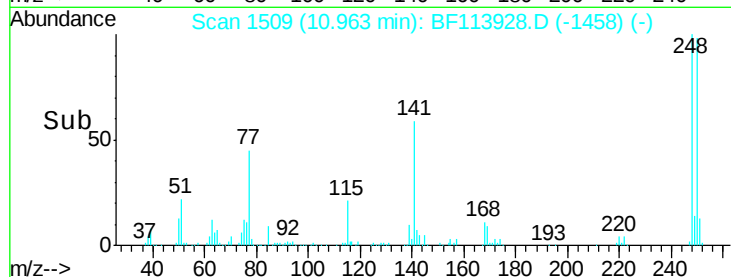
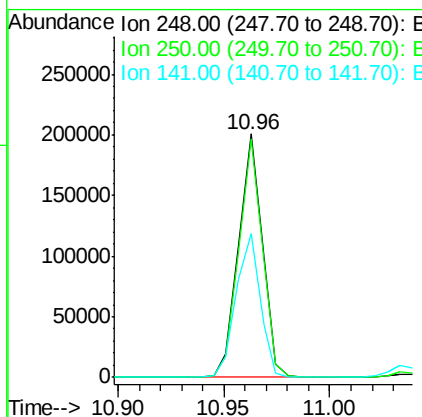
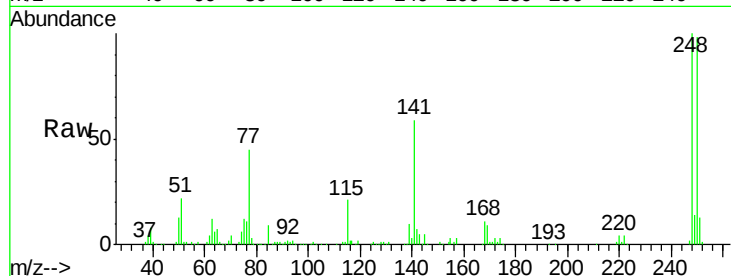




#67
 4-Bromophenyl-phenylether
 Concen: 36.981 ng
 RT: 10.96 min Scan# 1509
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

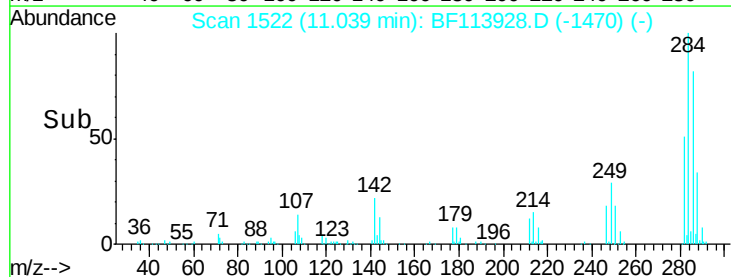
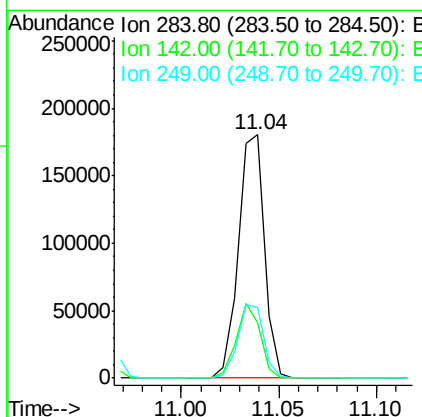
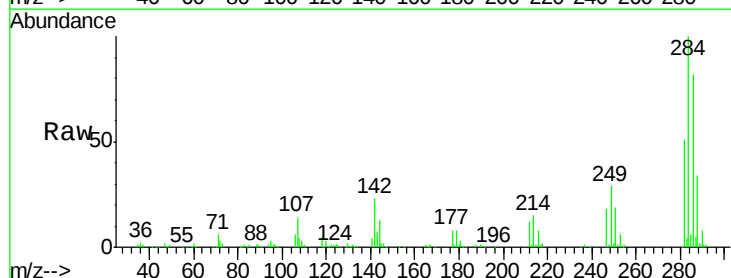
Instrument :
 BNA_F
 ClientSampleId :

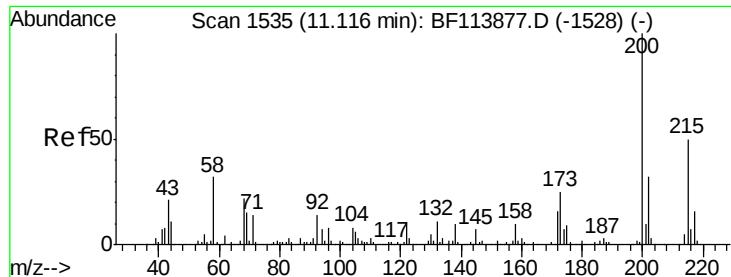
Tot Ion:248 Resp: 156267
 Ion Ratio Lower Upper
 248 100
 250 97.7 75.8 113.6
 141 58.9 50.2 75.4



#68
 Hexachlorobenzene
 Concen: 35.965 ng
 RT: 11.04 min Scan# 1522
 Delta R.T. 0.01 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion:284 Resp: 167001
 Ion Ratio Lower Upper
 284 100
 142 22.8 23.0 34.4#
 249 29.3 24.4 36.6

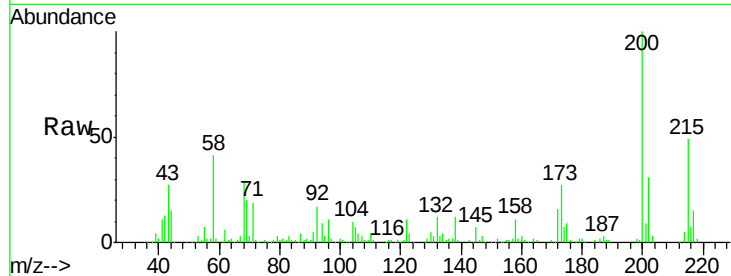




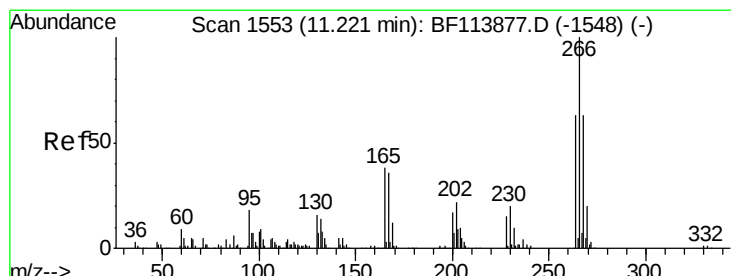
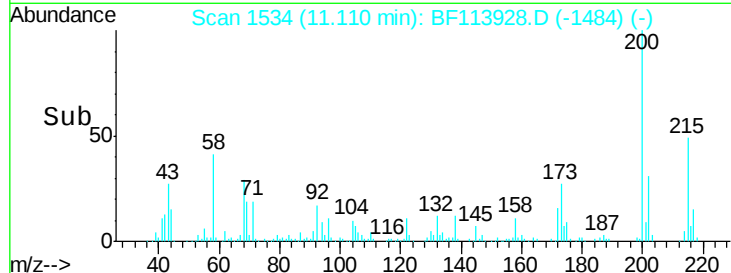
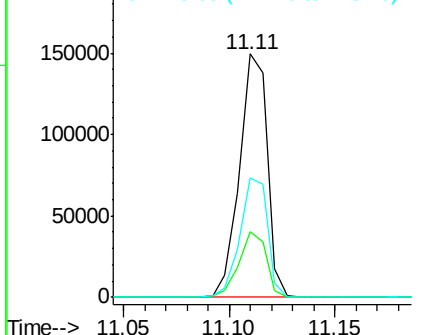
#69
Atrazine
Concen: 39.803 ng
RT: 11.11 min Scan# 1534
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:200 Resp: 135896
Ion Ratio Lower Upper
200 100
173 27.1 5.9 45.9
215 49.0 29.3 69.3

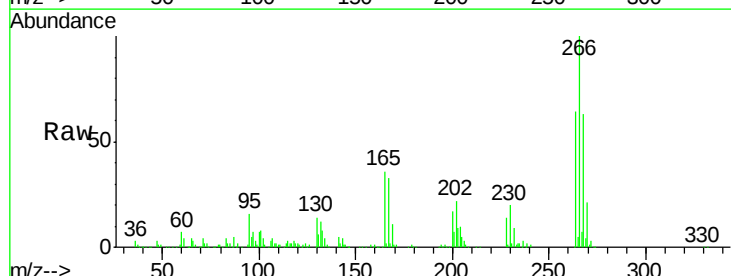


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

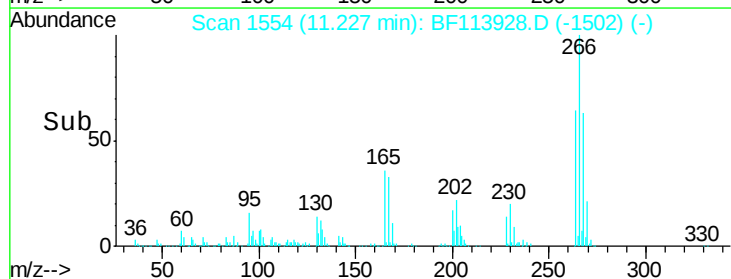
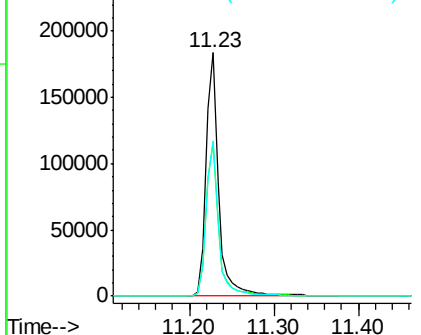


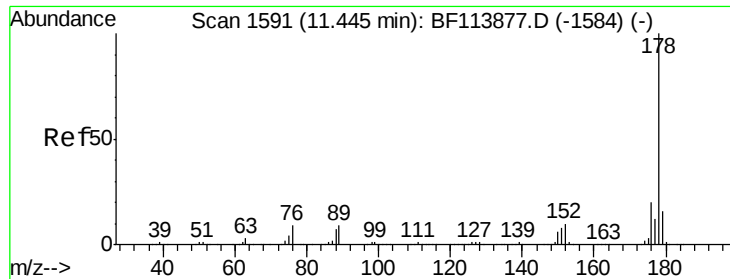
#70
Pentachlorophenol
Concen: 73.355 ng
RT: 11.23 min Scan# 1554
Delta R.T. 0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion:266 Resp: 192854
Ion Ratio Lower Upper
266 100
268 62.6 53.5 80.3
264 63.5 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

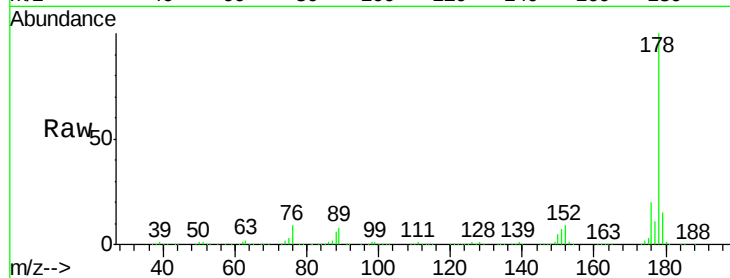




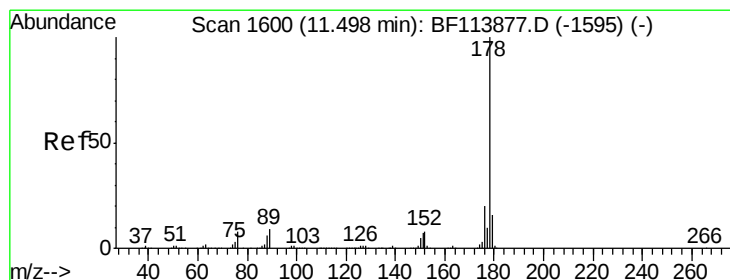
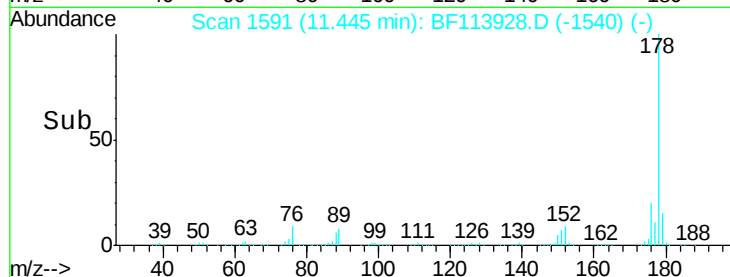
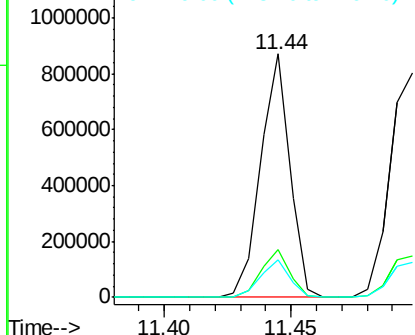
#71
Phenanthrene
Concen: 40.122 ng
RT: 11.44 min Scan# 1591
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:178 Resp: 705292
Ion Ratio Lower Upper
178 100
176 19.8 16.1 24.1
179 15.4 12.8 19.2

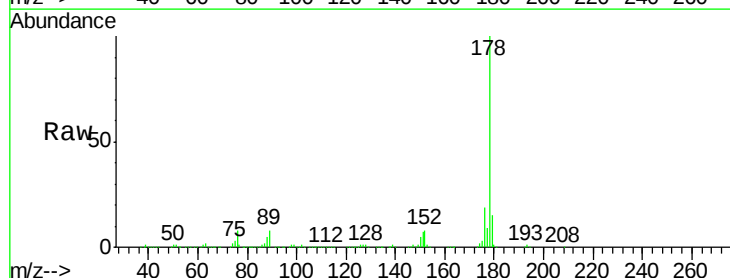


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

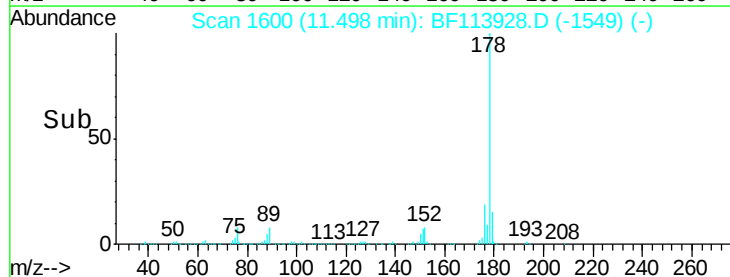
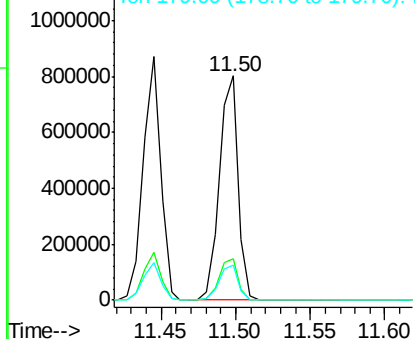


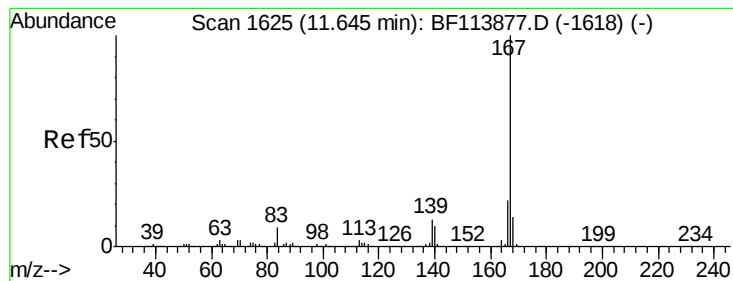
#72
Anthracene
Concen: 39.839 ng
RT: 11.50 min Scan# 1600
Delta R.T. -0.00 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion:178 Resp: 707214
Ion Ratio Lower Upper
178 100
176 18.7 15.7 23.5
179 15.5 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: 40.369 ng

RT: 11.64 min Scan# 1625

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

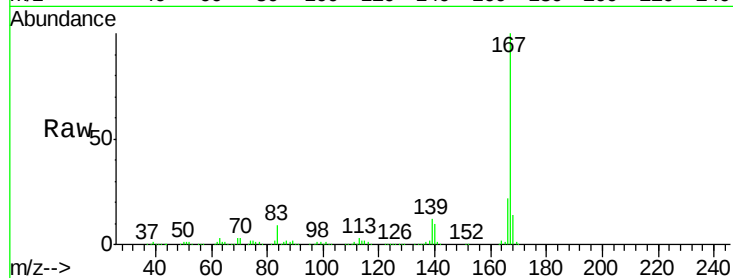
Tot Ion:167 Resp: 639321

Ion Ratio Lower Upper

167 100

166 21.5 17.7 26.5

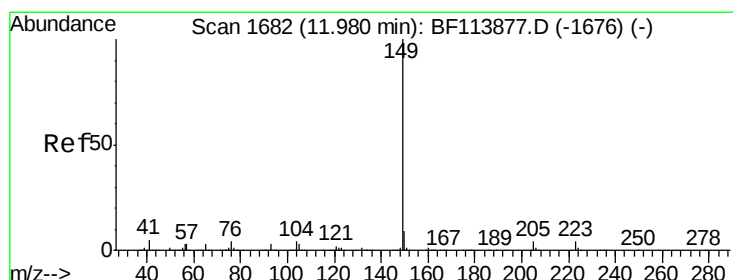
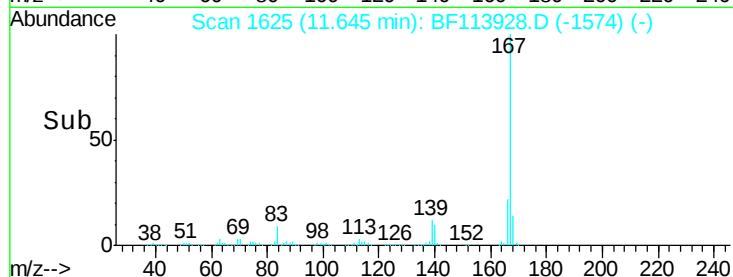
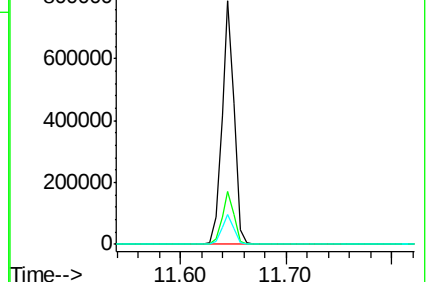
139 12.4 10.0 15.0



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 39.538 ng

RT: 11.97 min Scan# 1681

Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

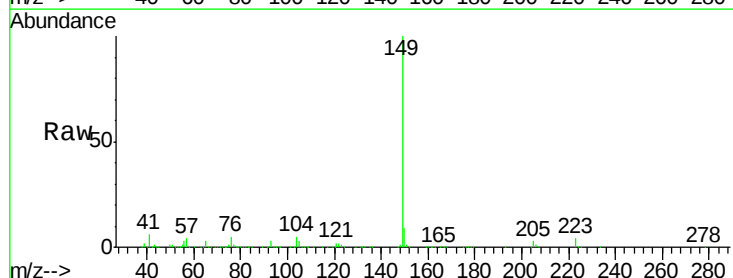
Tgt Ion:149 Resp: 736578

Ion Ratio Lower Upper

149 100

150 9.4 7.8 11.8

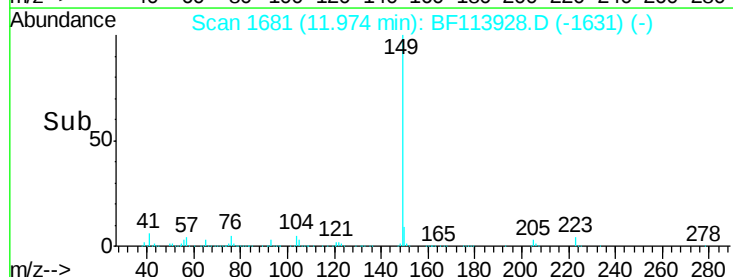
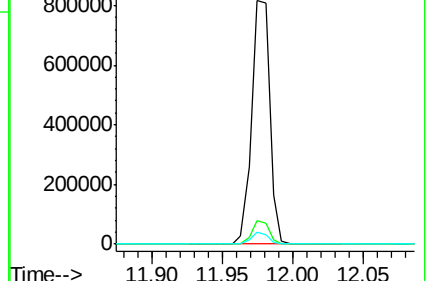
104 4.7 3.8 5.8

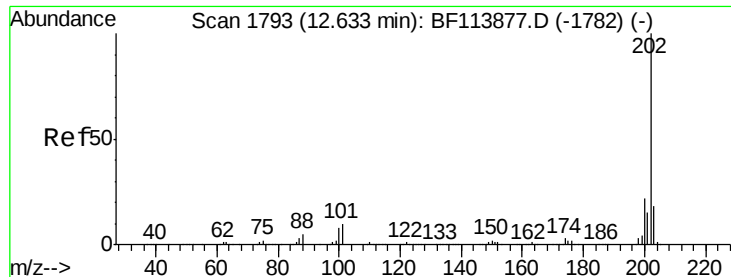


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.383 ng

RT: 12.63 min Scan# 1793

Delta R.T. 0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

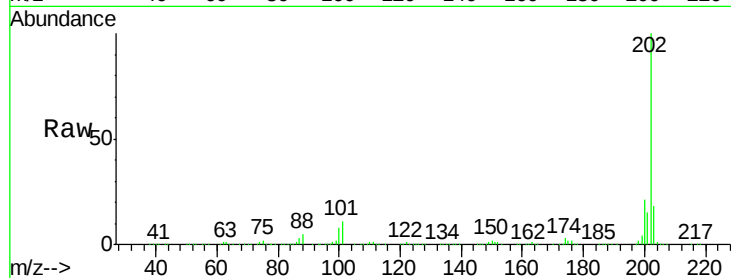
Tot Ion:202 Resp: 832031

Ion Ratio Lower Upper

202 100

101 10.6 0.0 32.9

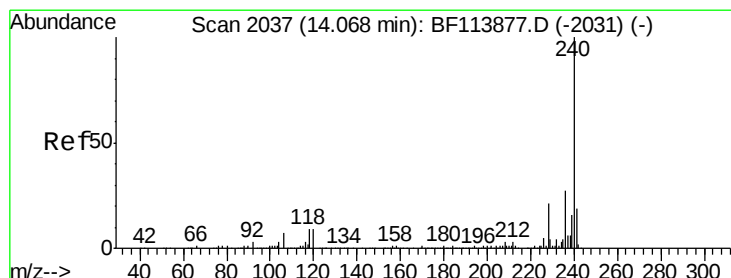
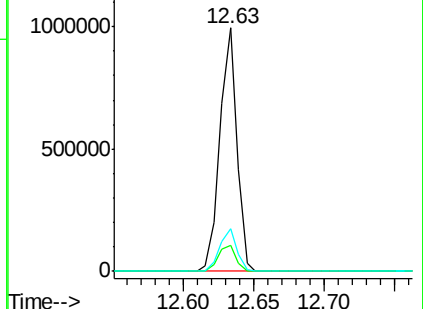
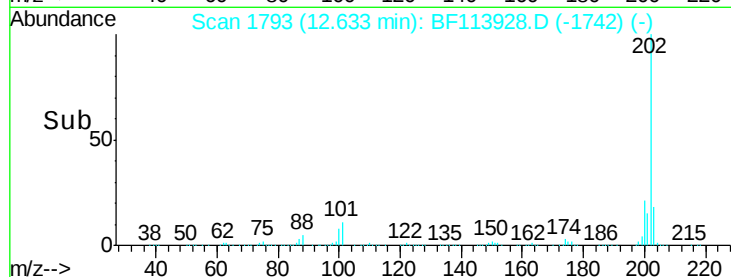
203 17.6 0.0 38.2



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: BF113928.D

Acq: 23 Apr 2019 18:46

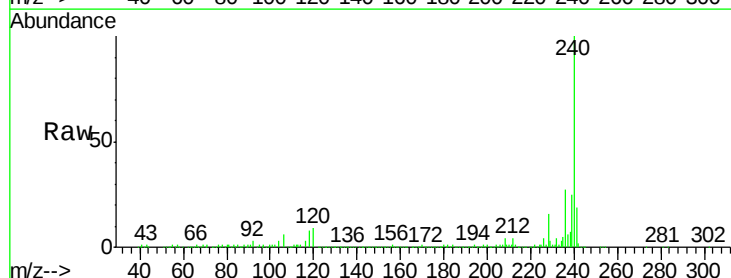
Tgt Ion:240 Resp: 350982

Ion Ratio Lower Upper

240 100

120 8.9 9.3 13.9#

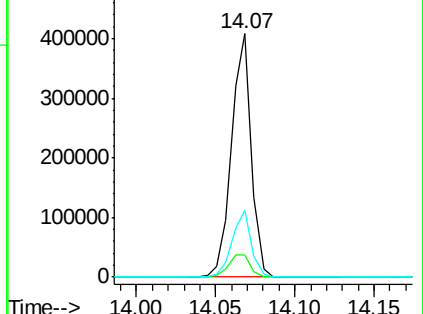
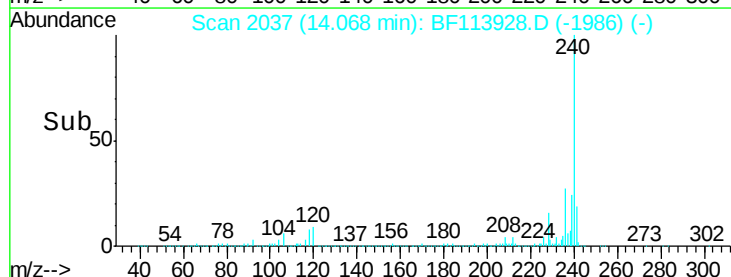
236 27.5 21.2 31.8

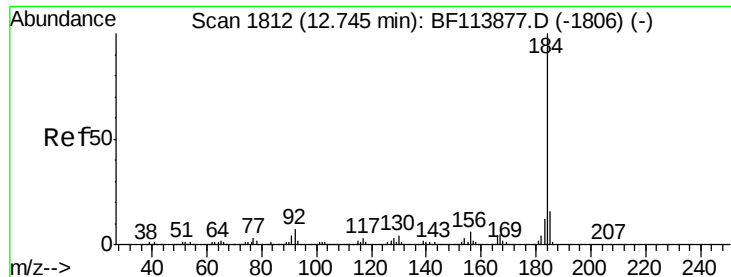


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.857 ng

RT: 12.74 min Scan# 1812

Delta R.T. 0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

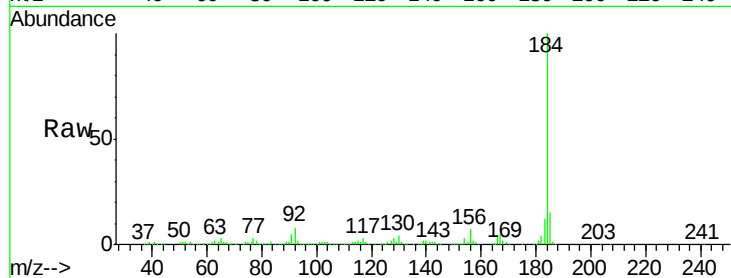
Tot Ion:184 Resp: 542303

Ion Ratio Lower Upper

184 100

185 14.8 13.0 19.6

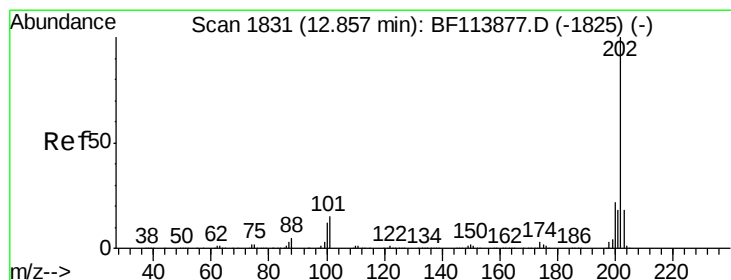
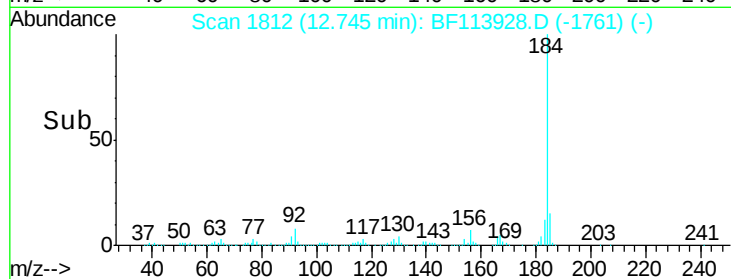
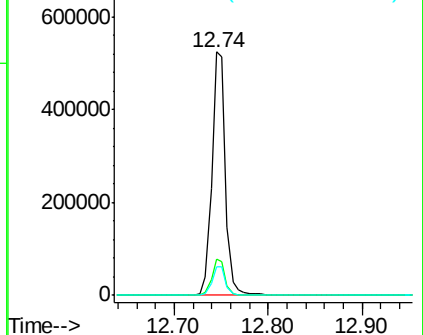
183 11.5 9.4 14.0



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: 34.407 ng

RT: 12.86 min Scan# 1832

Delta R.T. 0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

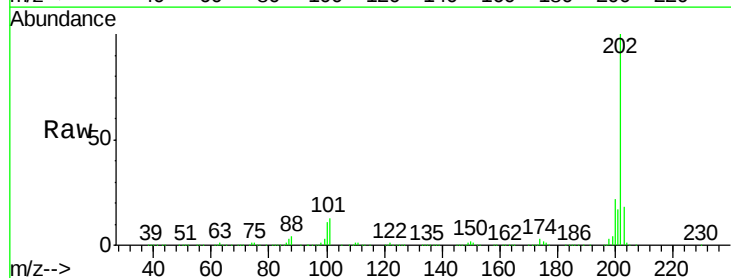
Tgt Ion:202 Resp: 844515

Ion Ratio Lower Upper

202 100

200 21.8 17.7 26.5

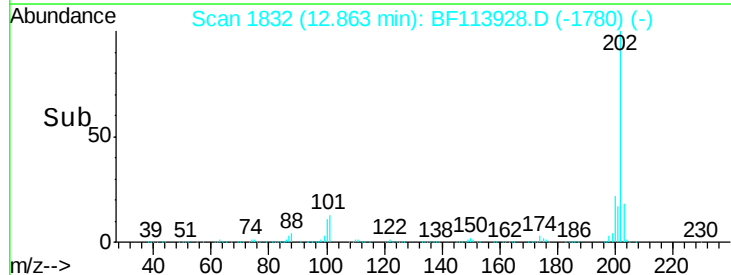
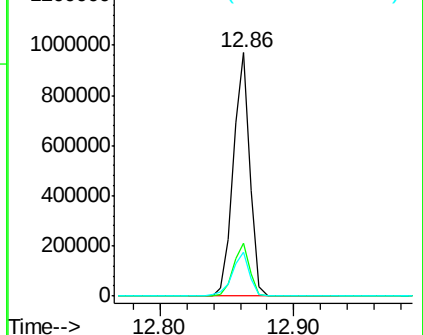
203 17.9 15.0 22.6

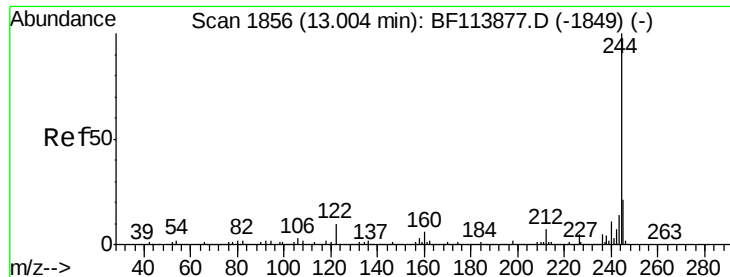


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 66.758 ng

RT: 13.00 min Scan# 1856

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

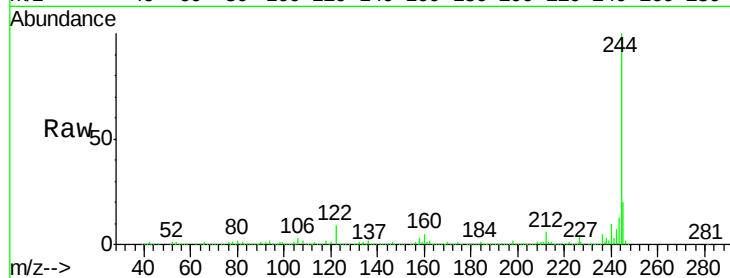
Tot Ion:244 Resp: 1142892

Ion Ratio Lower Upper

244 100

212 6.3 5.4 8.2

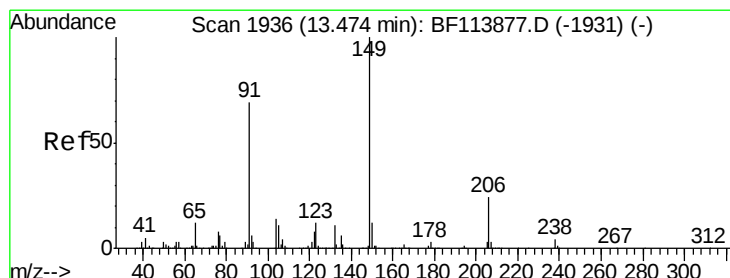
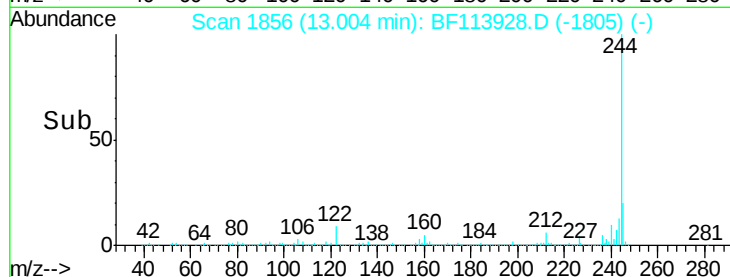
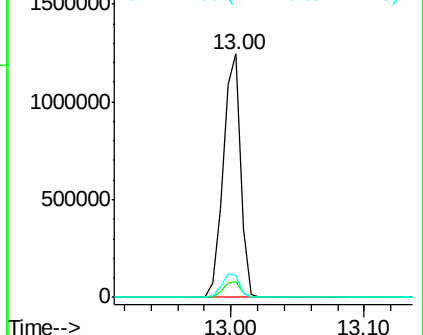
122 8.9 7.6 11.4



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: 35.774 ng

RT: 13.47 min Scan# 1936

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

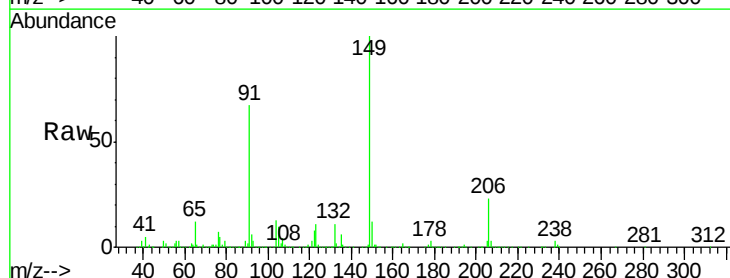
Tgt Ion:149 Resp: 345475

Ion Ratio Lower Upper

149 100

91 66.6 56.3 84.5

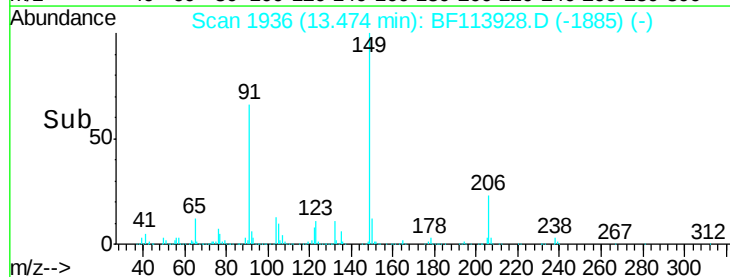
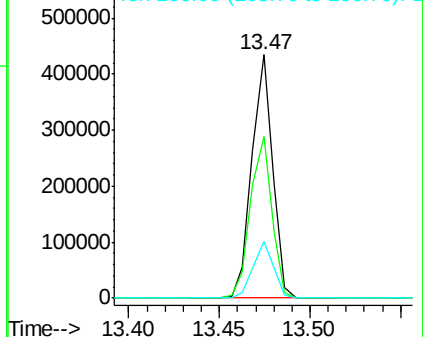
206 23.2 19.0 28.6

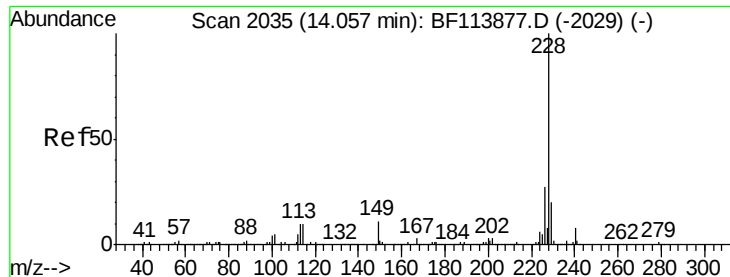


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.351 ng

RT: 14.06 min Scan# 2035

Delta R.T. -0.00 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

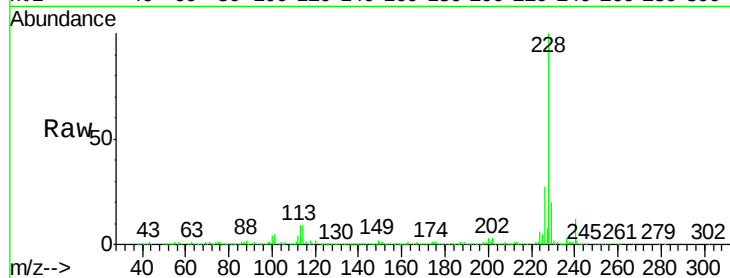
Tot Ion:228 Resp: 834431

Ion Ratio Lower Upper

228 100

226 26.8 22.2 33.2

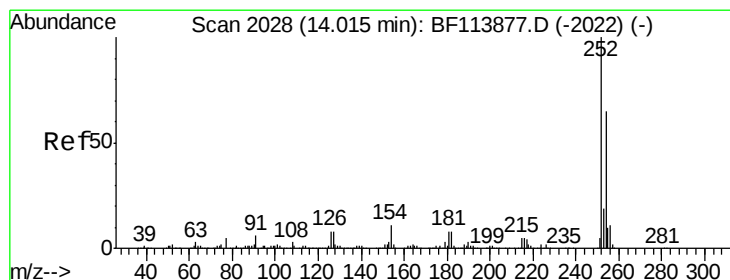
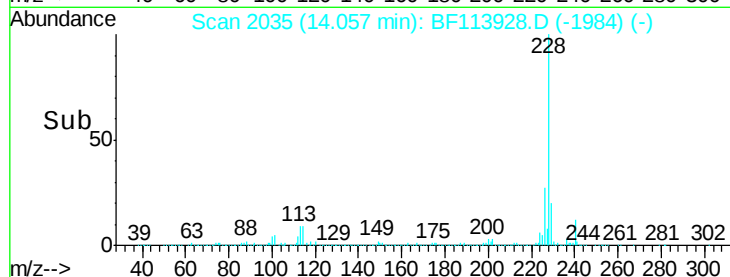
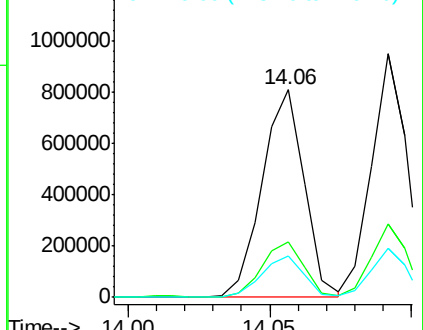
229 20.1 16.0 24.0



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 44.393 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

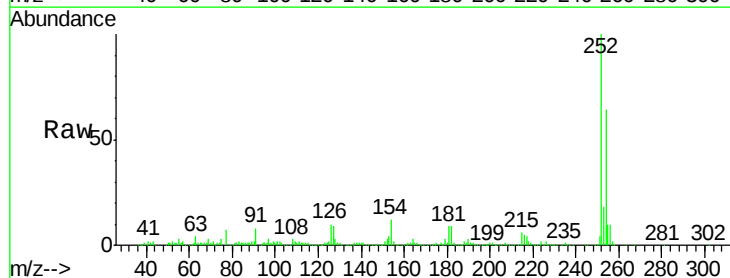
Tgt Ion:252 Resp: 336475

Ion Ratio Lower Upper

252 100

254 64.2 52.1 78.1

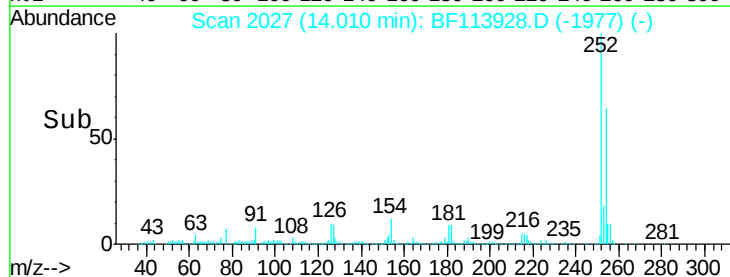
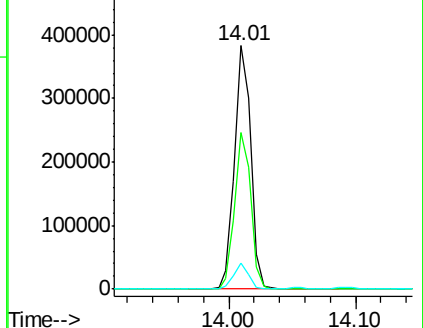
126 10.4 9.3 13.9

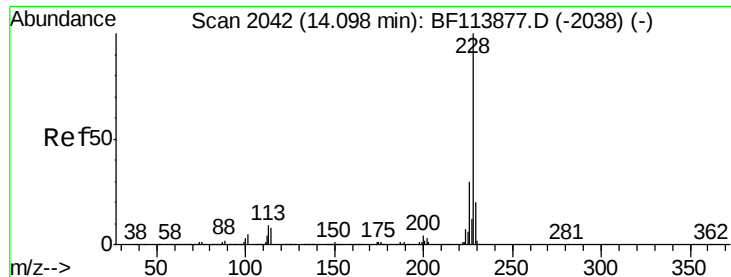


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

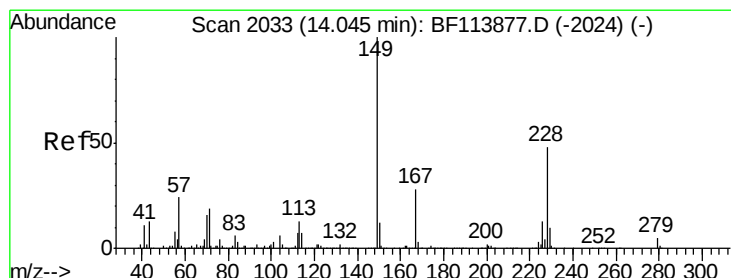
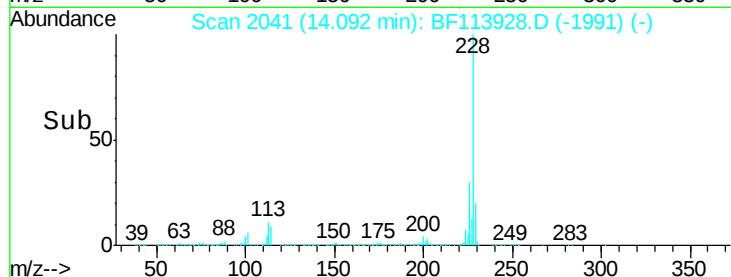
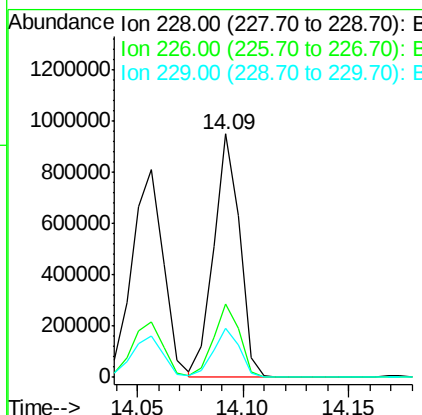
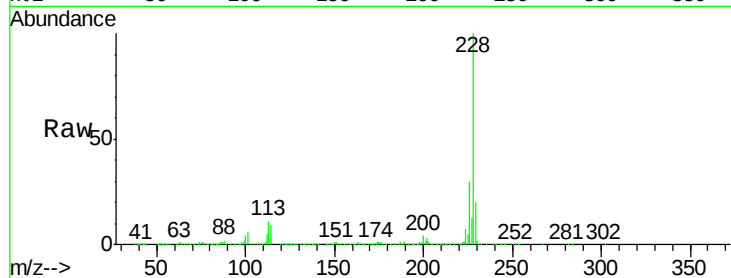




#83
 Chrvsene
 Concen: 40.220 ng
 RT: 14.09 min Scan# 2041
 Delta R.T. -0.01 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

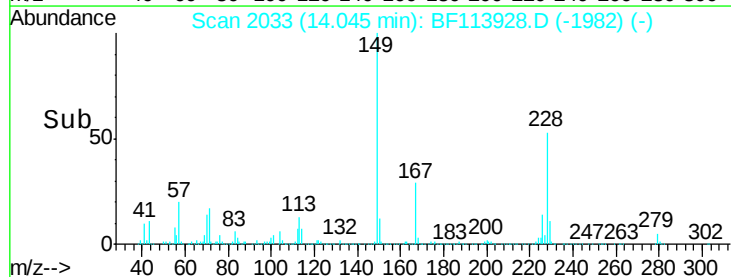
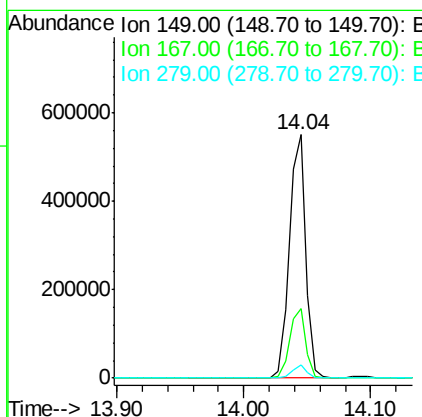
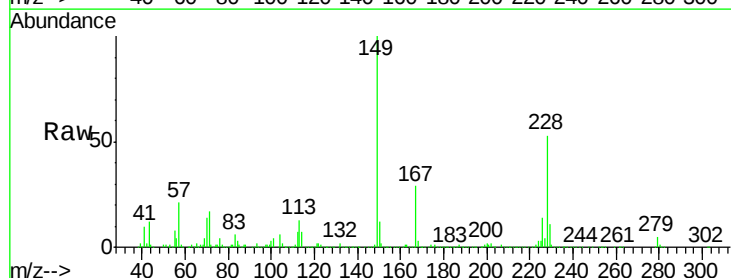
Instrument :
 BNA_F
 ClientSampleId :

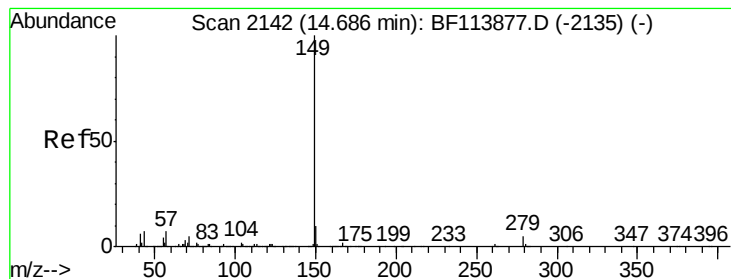
Tot Ion:228 Resp: 810019
 Ion Ratio Lower Upper
 228 100
 226 30.1 25.2 37.8
 229 20.2 16.7 25.1



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.275 ng
 RT: 14.04 min Scan# 2033
 Delta R.T. -0.00 min
 Lab File: BF113928.D
 Acq: 23 Apr 2019 18:46

Tgt Ion:149 Resp: 494849
 Ion Ratio Lower Upper
 149 100
 167 28.8 22.9 34.3
 279 5.3 4.2 6.2





#85

Di-n-octyl phthalate

Concen: 46.409 ng

RT: 14.67 min Scan# 2140

Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampled :

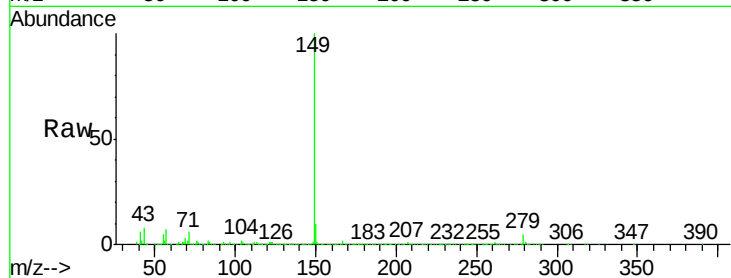
Tot Ion:149 Resp: 892528

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

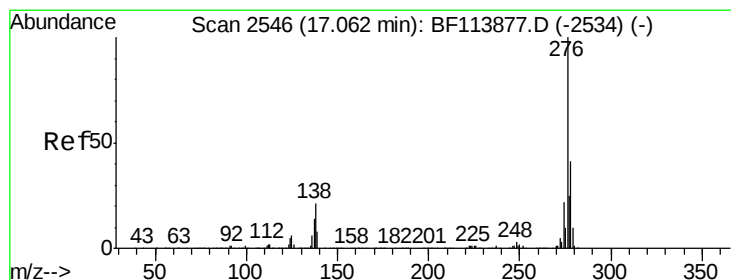
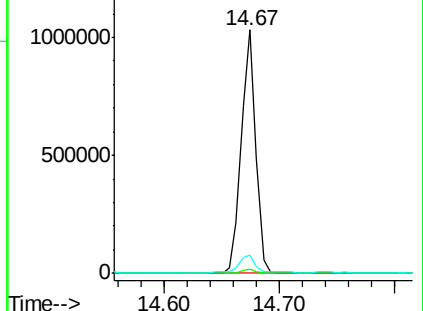
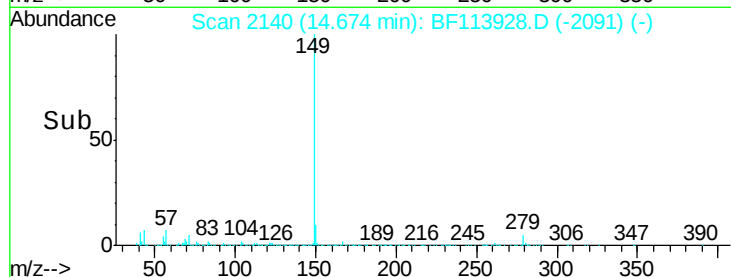
43 8.2 6.6 10.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 31.838 ng

RT: 17.06 min Scan# 2545

Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

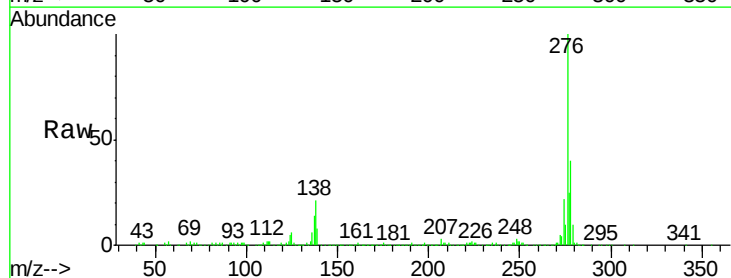
Tgt Ion:276 Resp: 607373

Ion Ratio Lower Upper

276 100

138 22.8 19.6 29.4

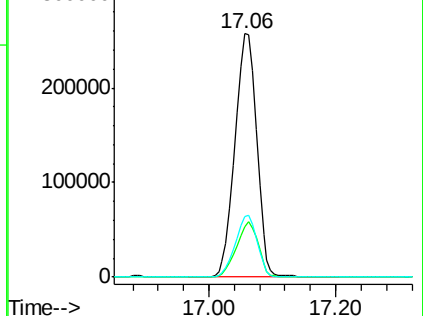
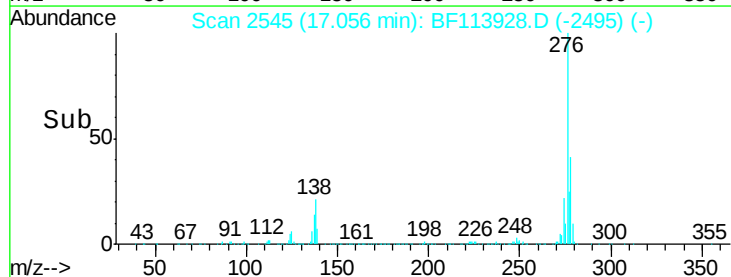
277 25.0 20.2 30.4

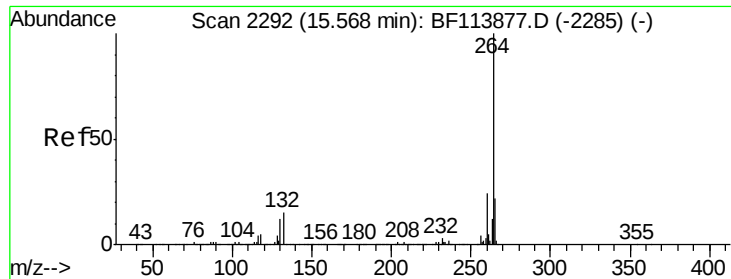


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 15.56 min Scan# 2291

Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

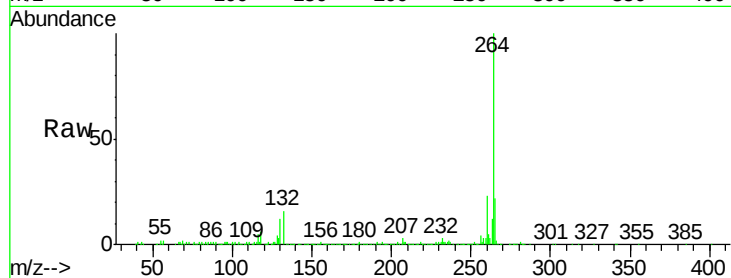
Tot Ion:264 Resp: 319609

Ion Ratio Lower Upper

264 100

260 23.4 18.9 28.3

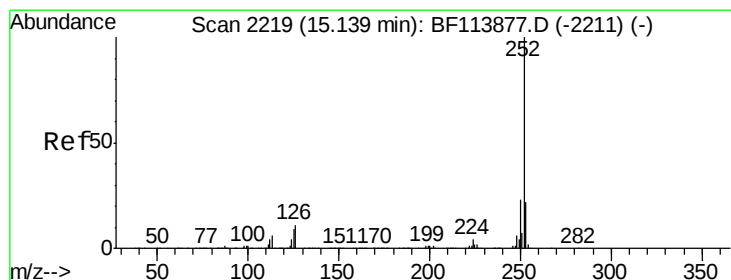
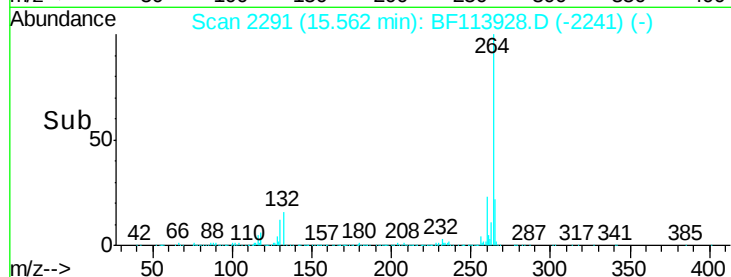
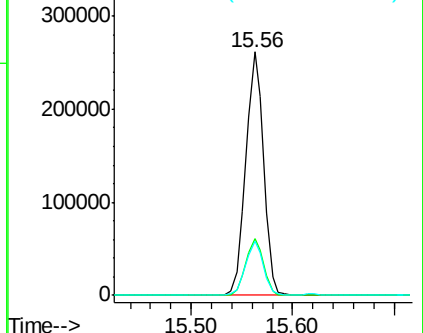
265 22.2 17.3 25.9



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 39.947 ng

RT: 15.13 min Scan# 2217

Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

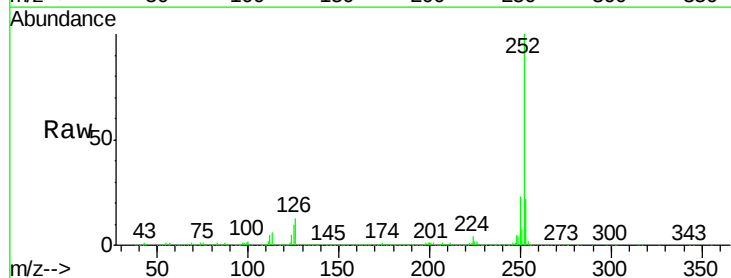
Tgt Ion:252 Resp: 807778

Ion Ratio Lower Upper

252 100

253 22.1 17.8 26.6

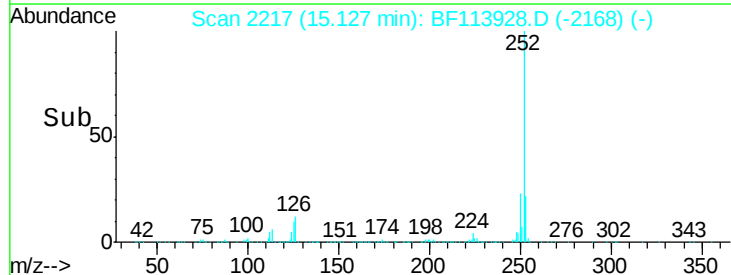
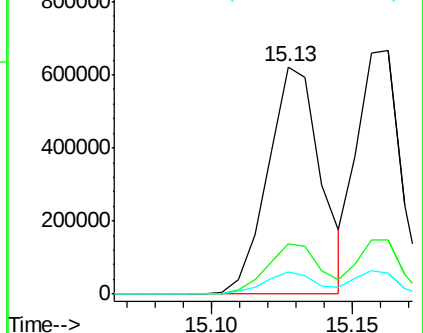
125 9.9 7.0 10.6

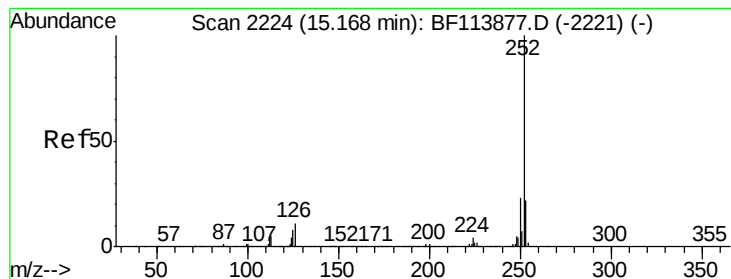


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 40.244 ng

RT: 15.16 min Scan# 2223

Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

Instrument :

BNA_F

ClientSampleId :

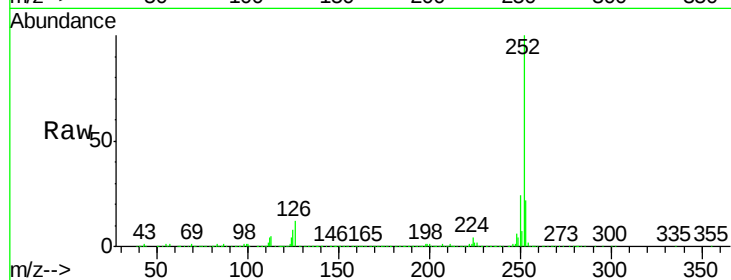
Tot Ion:252 Resp: 699999

Ion Ratio Lower Upper

252 100

253 22.4 18.2 27.2

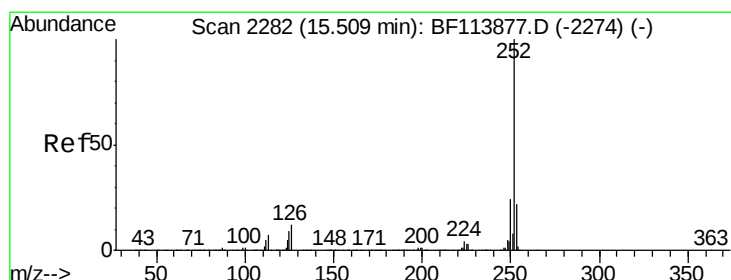
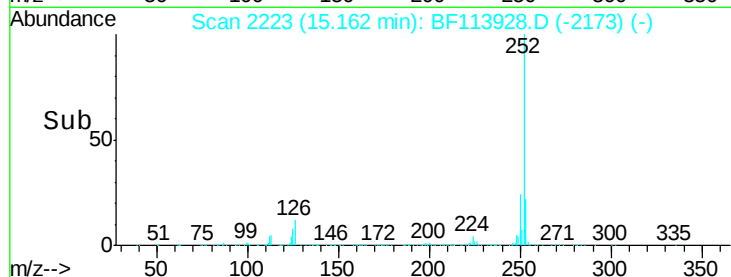
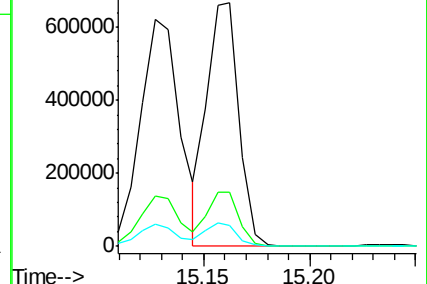
125 8.4 7.4 11.2



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 38.640 ng

RT: 15.50 min Scan# 2281

Delta R.T. -0.01 min

Lab File: BF113928.D

Acq: 23 Apr 2019 18:46

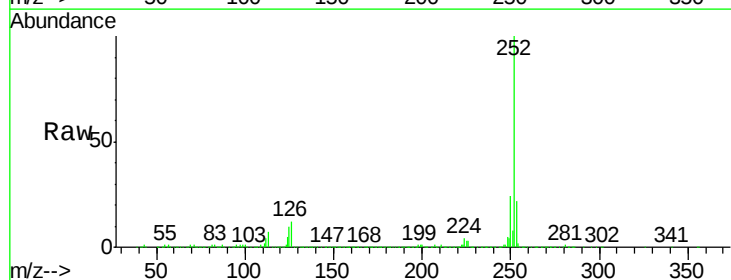
Tgt Ion:252 Resp: 675844

Ion Ratio Lower Upper

252 100

253 22.4 17.5 26.3

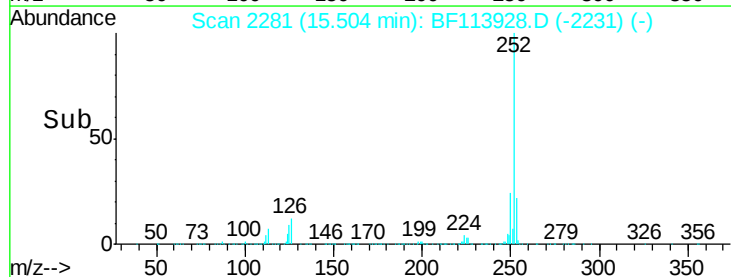
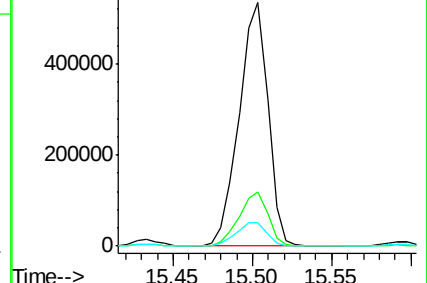
125 9.8 8.5 12.7

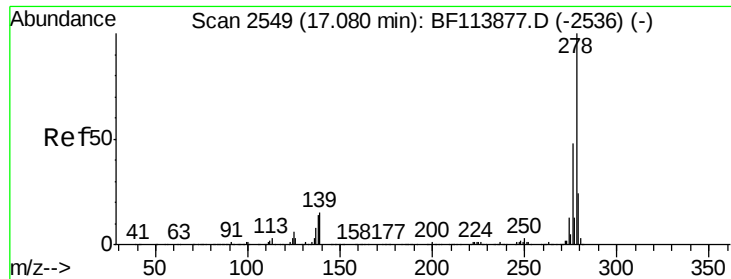


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



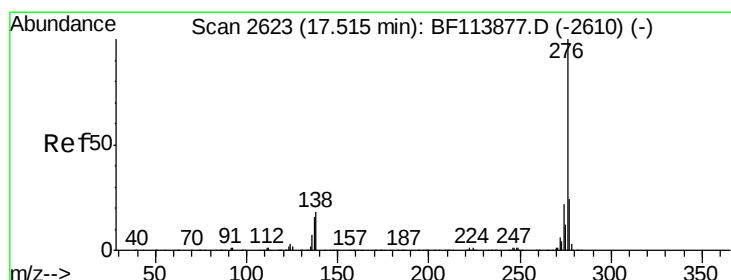
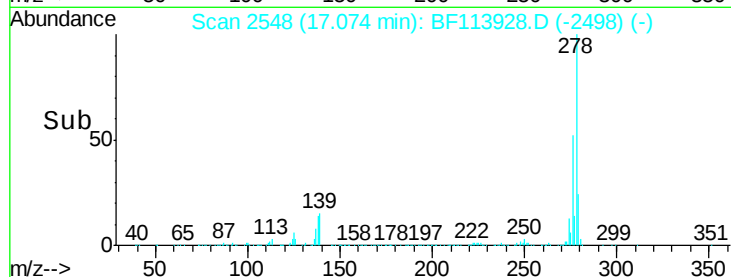
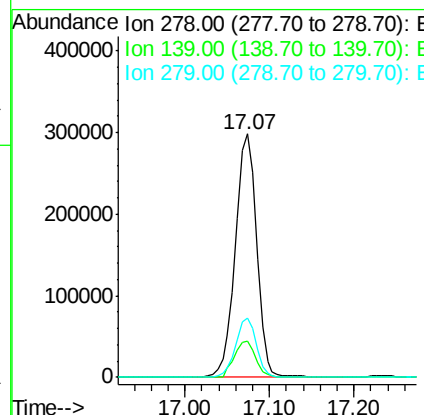
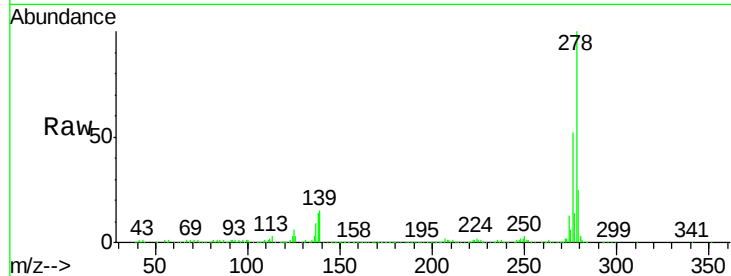


#91
Dibenzo(a,h)anthracene
Concen: 31.250 ng
RT: 17.07 min Scan# 2548
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 513094

Ion	Ratio	Lower	Upper
278	100		
139	14.7	11.6	17.4
279	24.5	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 28.691 ng
RT: 17.51 min Scan# 2622
Delta R.T. -0.01 min
Lab File: BF113928.D
Acq: 23 Apr 2019 18:46

Tgt Ion:276 Resp: 475381

Ion	Ratio	Lower	Upper
276	100		
277	23.5	19.0	28.4
138	18.7	16.6	25.0

