

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF041219\
 Data File : BF113737.D
 Acq On : 12 Apr 2019 14:15
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 12 22:59:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	136999	20.00	ng	-0.01
21) Naphthalene-d8	7.96	136	541345	20.00	ng	-0.01
39) Acenaphthene-d10	9.71	164	264361	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	539648	20.00	ng	-0.02
76) Chrysene-d12	13.83	240	413245	20.00	ng	-0.02
87) Perylene-d12	15.23	264	314016	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	674650	83.97	ng	-0.01
7) Phenol-d6	6.33	99	823158	83.13	ng	0.00
23) Nitrobenzene-d5	7.25	82	755067	81.70	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	268762	84.63	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1342770	81.77	ng	-0.02
79) Terphenyl-d14	12.77	244	1567653	77.24	ng	-0.02

Target Compounds				Qvalue		
2) 1,4-Dioxane	2.31	88	152178	39.993	ng	99
3) Pyridine	3.01	79	392632	39.429	ng	96
4) n-Nitrosodimethylamine	2.96	42	172542	40.781	ng	96
6) Aniline	6.34	93	495148	41.254	ng	# 83
8) 2-Chlorophenol	6.47	128	385172	41.437	ng	95
9) Benzaldehyde	6.23	77	222210	37.741	ng	96
10) Phenol	6.35	94	464339	41.059	ng	96
11) bis(2-Chloroethyl)ether	6.42	93	371946	42.280	ng	98
12) 1,3-Dichlorobenzene	6.62	146	413987	41.357	ng	98
13) 1,4-Dichlorobenzene	6.69	146	418923	41.413	ng	98
14) 1,2-Dichlorobenzene	6.85	146	383703	42.023	ng	98
15) Benzyl Alcohol	6.83	79	238892	35.681	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.96	45	543792	39.713	ng	59
17) 2-Methylphenol	6.95	107	290699	40.355	ng	# 90
18) Hexachloroethane	7.18	117	151017	41.015	ng	99
19) n-Nitroso-di-n-propylamine	7.10	70	252751	41.394	ng	97
20) 3+4-Methylphenols	7.11	107	399978	45.826	ng	93
22) Acetophenone	7.09	105	496981	41.799	ng	96
24) Nitrobenzene	7.26	77	395827	41.589	ng	95
25) Isophorone	7.50	82	700376	39.340	ng	99
26) 2-Nitrophenol	7.58	139	214442	41.864	ng	96
27) 2,4-Dimethylphenol	7.63	122	295081	40.295	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	452161	40.172	ng	99
29) 2,4-Dichlorophenol	7.84	162	333350	42.545	ng	100
30) 1,2,4-Trichlorobenzene	7.90	180	345471	40.602	ng	99
31) Naphthalene	7.98	128	1070689	40.820	ng	99
32) Benzoic acid	7.80	122	192246	33.902	ng	98
33) 4-Chloroaniline	8.04	127	392054	37.696	ng	98
34) Hexachlorobutadiene	8.10	225	210266	40.533	ng	99
35) Caprolactam	8.42	113	75693	30.433	ng	94
36) 4-Chloro-3-methylphenol	8.54	107	338033	42.978	ng	100
37) 2-Methylnaphthalene	8.67	142	704957	40.865	ng	99
38) 1-Methylnaphthalene	8.77	142	677432	40.725	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	348831	40.800	ng	99

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 Misc :
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Instrument :
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Quant Time: Apr 12 22:59:57 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	87557	37.746	ng	100
43) 2,4,6-Trichlorophenol	8.96	196	217278	40.261	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	219028	37.803	ng	99
46) 1,1'-Biphenyl	9.13	154	892500	40.913	ng	99
47) 2-Chloronaphthalene	9.16	162	676490	40.958	ng	99
48) 2-Nitroaniline	9.27	65	215901	42.719	ng	96
49) Acenaphthylene	9.57	152	1081589	40.270	ng	99
50) Dimethylphthalate	9.44	163	774687	39.754	ng	99
51) 2,6-Dinitrotoluene	9.51	165	177558	41.336	ng	91
52) Acenaphthene	9.74	154	632526	41.142	ng	99
53) 3-Nitroaniline	9.68	138	211044	43.214	ng	94
54) 2,4-Dinitrophenol	9.80	184	76092	37.864	ng	96
55) Dibenzofuran	9.92	168	934291	41.427	ng	99
56) 4-Nitrophenol	9.87	139	94358	31.147	ng	95
57) 2,4-Dinitrotoluene	9.92	165	227133	43.721	ng	93
58) Fluorene	10.26	166	743336	41.673	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.05	232	221205	44.107	ng	95
60) Diethylphthalate	10.13	149	769650	40.965	ng	99
61) 4-Chlorophenyl-phenylether	10.24	204	368201	41.967	ng	96
62) 4-Nitroaniline	10.30	138	174766	35.191	ng	98
63) Azobenzene	10.41	77	722148	40.594	ng	99
65) 4,6-Dinitro-2-methylphenol	10.33	198	115034	40.491	ng	94
66) n-Nitrosodiphenylamine	10.37	169	667737	40.306	ng	99
67) 4-Bromophenyl-phenylether	10.73	248	243339	40.206	ng	97
68) Hexachlorobenzene	10.81	284	277389	39.999	ng	94
69) Atrazine	10.90	200	187421	35.892	ng	96
70) Pentachlorophenol	11.02	266	142686	43.664	ng	98
71) Phenanthrene	11.22	178	1094905	40.831	ng	99
72) Anthracene	11.27	178	1123650	41.185	ng	100
73) Carbazole	11.43	167	1108717	43.450	ng	99
74) Di-n-butylphthalate	11.75	149	1228277	40.464	ng	99
75) Fluoranthene	12.40	202	1216711	42.343	ng	99
77) Benzidine	12.53	184	605565	39.406	ng	98
78) Pyrene	12.63	202	1236679	39.330	ng	100
80) Butylbenzylphthalate	13.24	149	508395	39.720	ng	98
81) Benzo(a)anthracene	13.82	228	992538	41.636	ng	100
82) 3,3'-Dichlorobenzidine	13.77	252	347626	37.861	ng	100
83) Chrysene	13.85	228	967223	40.025	ng	99
84) Bis(2-ethylhexyl)phthalate	13.80	149	635820	41.087	ng	99
85) Di-n-octyl phthalate	14.40	149	964776	38.354	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	724730	32.483	ng	99
88) Benzo(b)fluoranthene	14.83	252	861424	44.815	ng	99
89) Benzo(k)fluoranthene	14.86	252	685908	39.760	ng	99
90) Benzo(a)pyrene	15.17	252	704132	41.225	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	597602	37.414	ng	99
92) Benzo(g,h,i)perylene	17.00	276	618195	37.919	ng	98

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

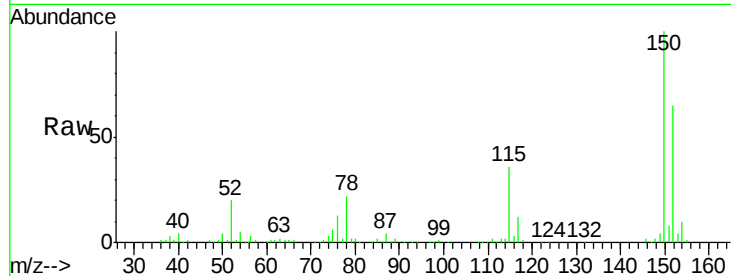


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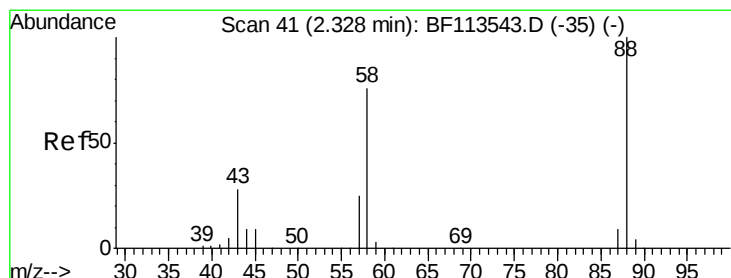
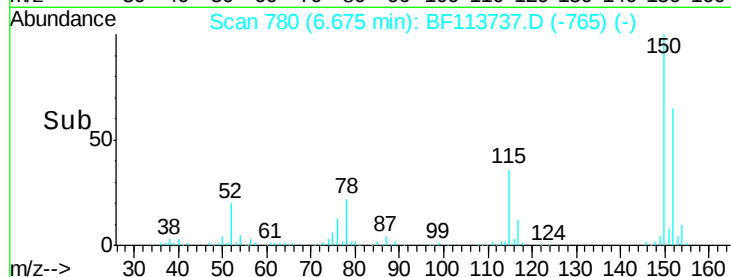
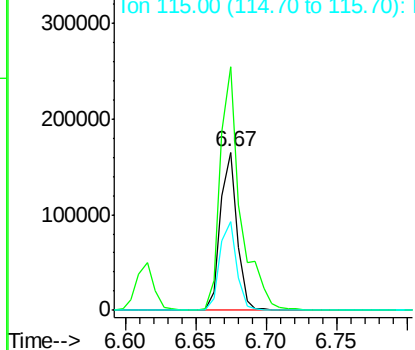
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.67 min Scan# 780
Delta R.T. -0.01 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 136999
Ion Ratio Lower Upper
152 100
150 153.7 124.7 187.1
115 55.8 46.0 69.0



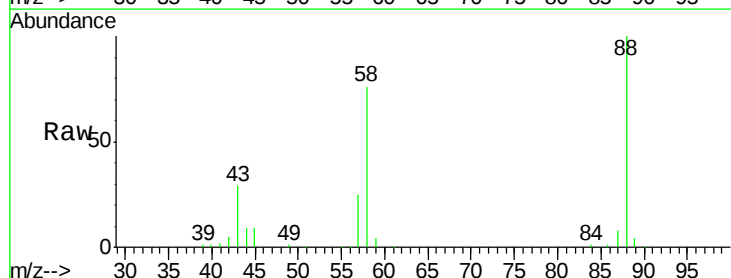
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



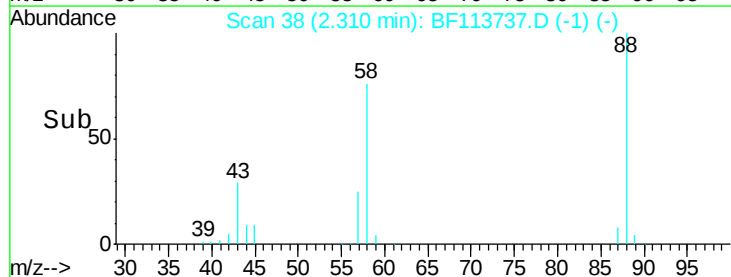
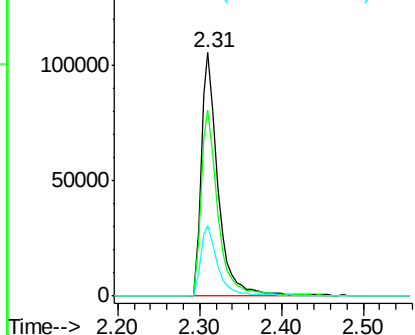
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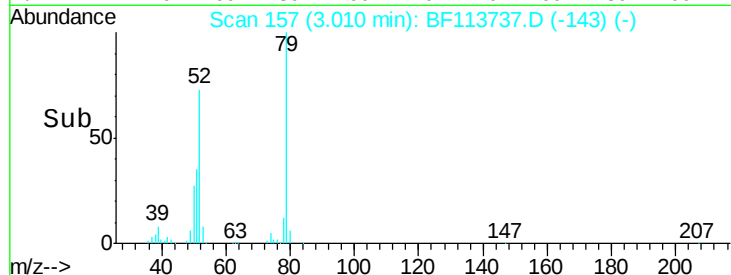
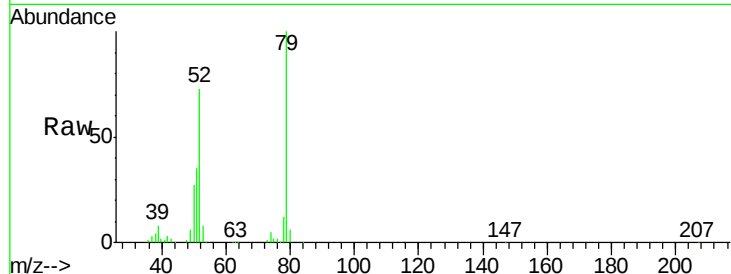
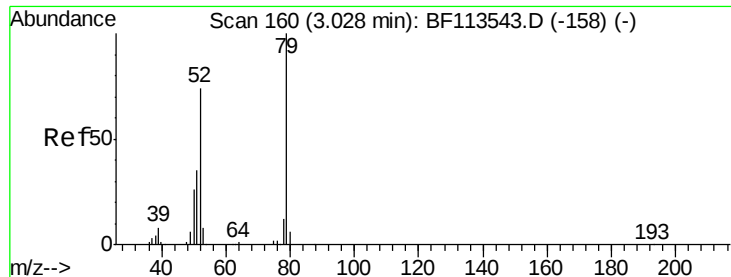
1,4-Dioxane
Concen: 39.993 ng
RT: 2.31 min Scan# 38
Delta R.T. -0.02 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Tgt Ion: 88 Resp: 152178
Ion Ratio Lower Upper
88 100
58 77.0 61.9 92.9
43 29.5 24.2 36.4



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





#3

Pvridine

Concen: 39.429 ng

RT: 3.01 min Scan# 157

Delta R.T. -0.02 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampleId :

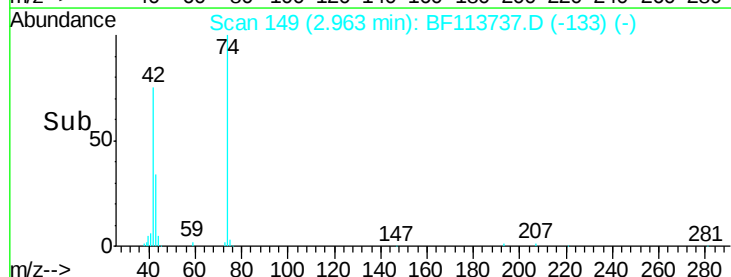
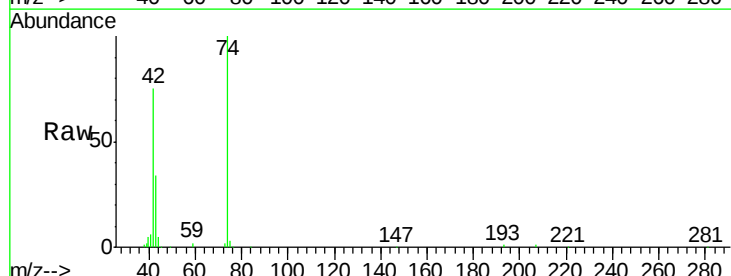
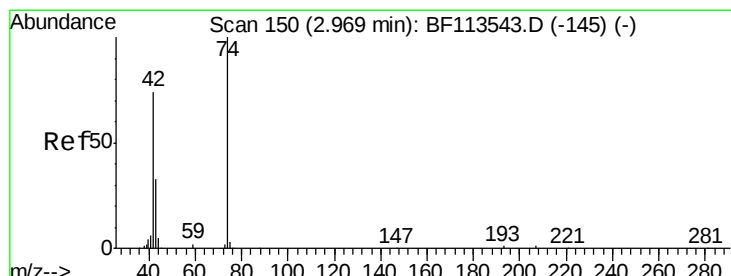
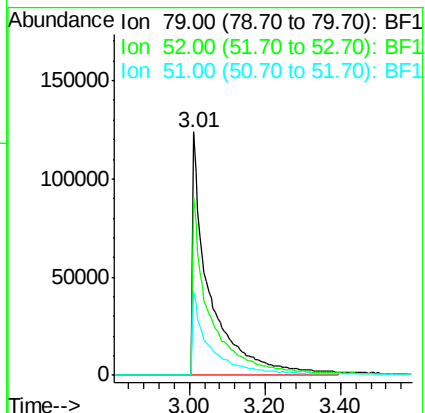
Tot Ion: 79 Resp: 392632

Ion Ratio Lower Upper

79 100

52 73.4 61.0 91.4

51 34.5 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 40.781 ng

RT: 2.96 min Scan# 149

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

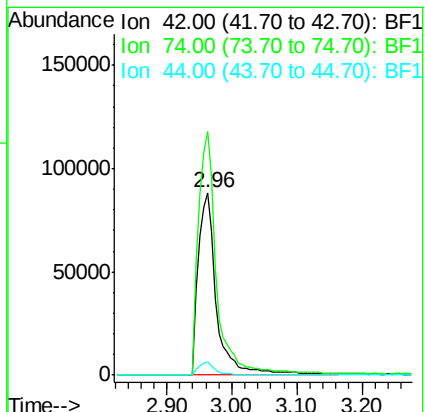
Tgt Ion: 42 Resp: 172542

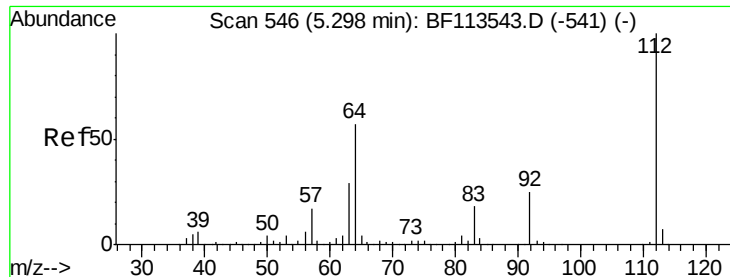
Ion Ratio Lower Upper

42 100

74 133.3 102.4 153.6

44 7.2 5.5 8.3

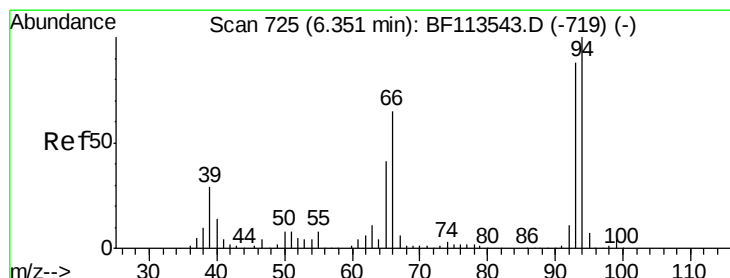
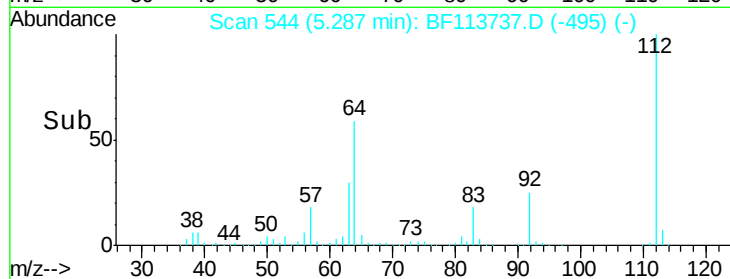
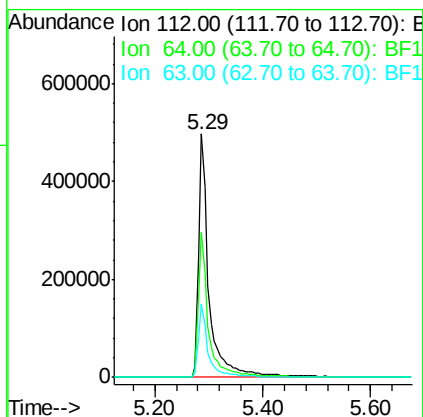
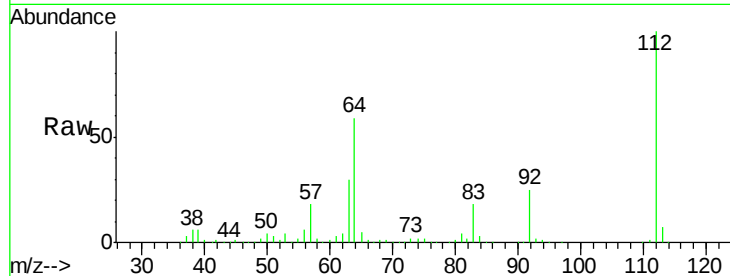




#5
 2-Fluorophenol
 Concen: 83.974 ng
 RT: 5.29 min Scan# 544
 Delta R.T. -0.01 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

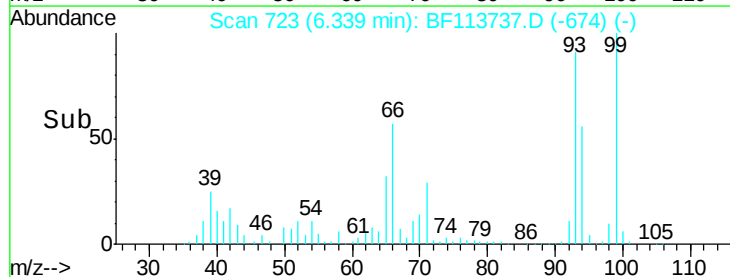
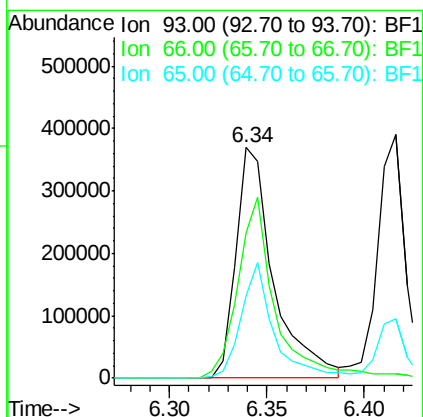
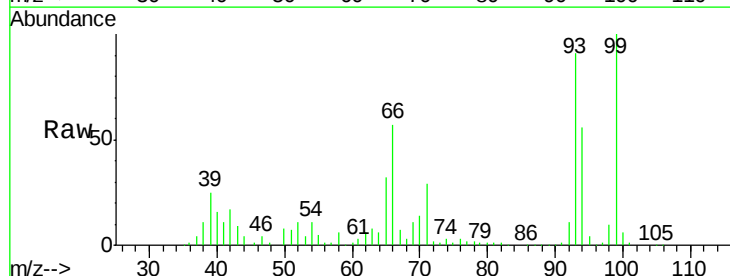
Instrument :
 BNA_F
 ClientSampleId :

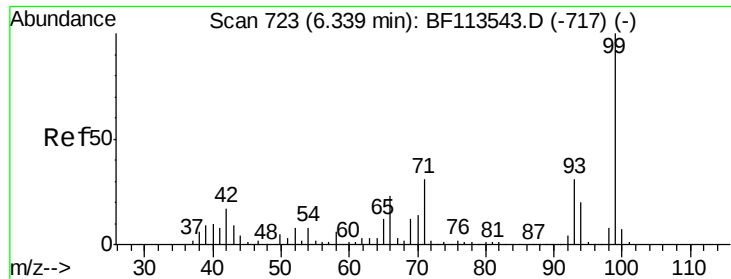
Tot Ion:112 Resp: 674650
 Ion Ratio Lower Upper
 112 100
 64 59.5 49.2 73.8
 63 29.9 24.9 37.3



#6
 Aniline
 Concen: 41.254 ng
 RT: 6.34 min Scan# 723
 Delta R.T. -0.01 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Tgt Ion: 93 Resp: 495148
 Ion Ratio Lower Upper
 93 100
 66 63.1 62.1 93.1
 65 35.8 38.7 58.1#





#7

Phenol-d6

Concen: 83.130 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampleId :

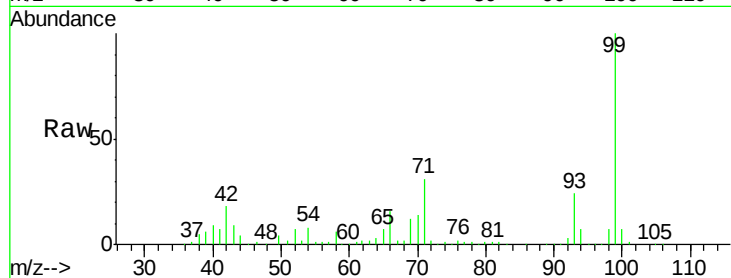
Tot Ion: 99 Resp: 823158

Ion Ratio Lower Upper

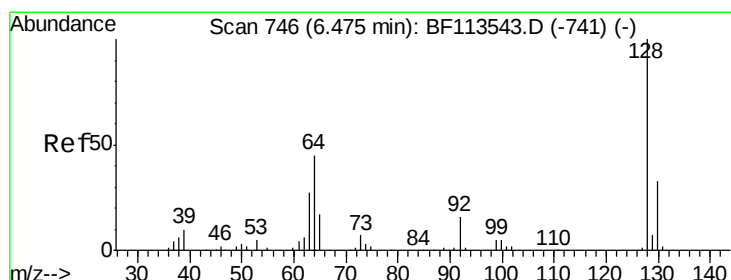
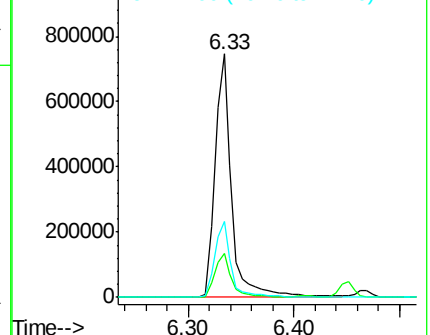
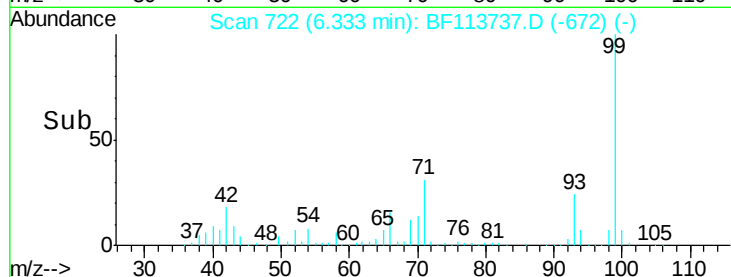
99 100

42 18.2 14.8 22.2

71 31.1 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.437 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

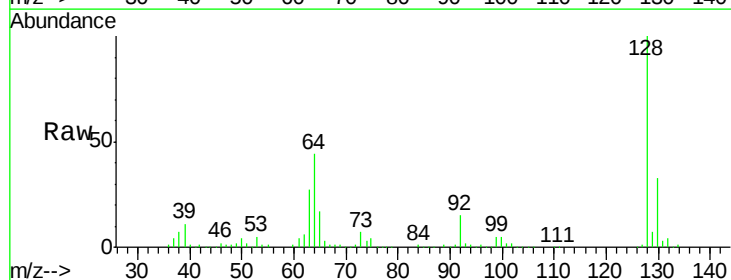
Tgt Ion: 128 Resp: 385172

Ion Ratio Lower Upper

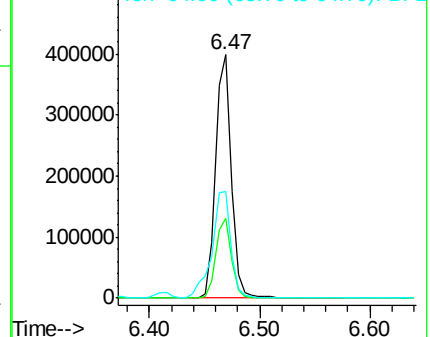
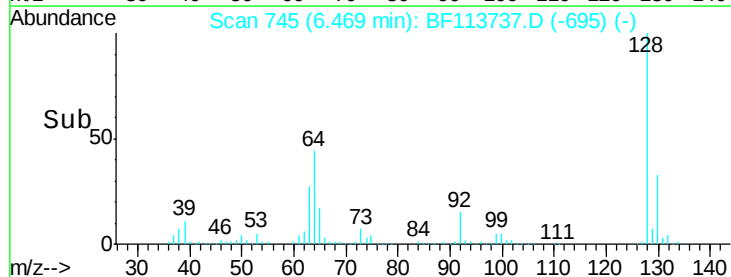
128 100

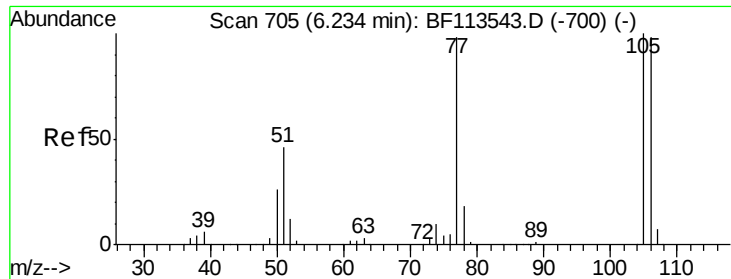
130 33.0 12.6 52.6

64 43.9 29.4 69.4



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

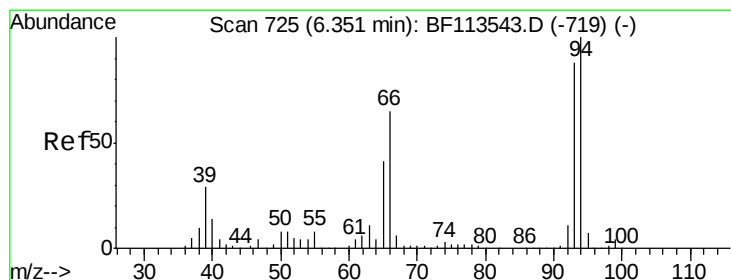
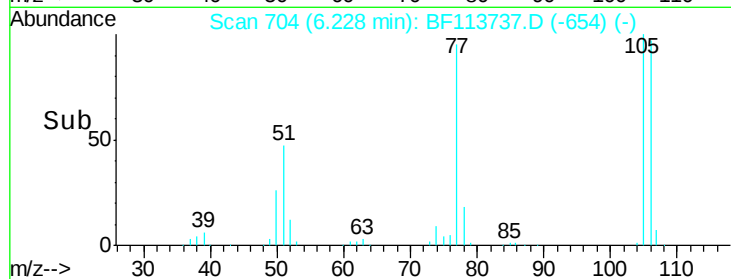
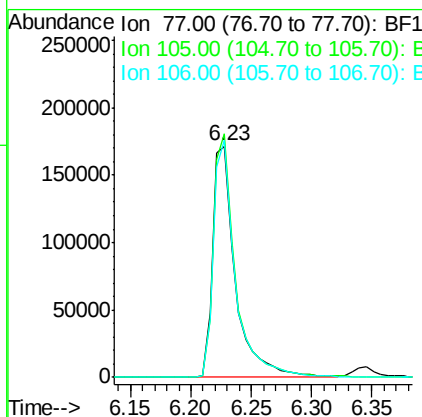
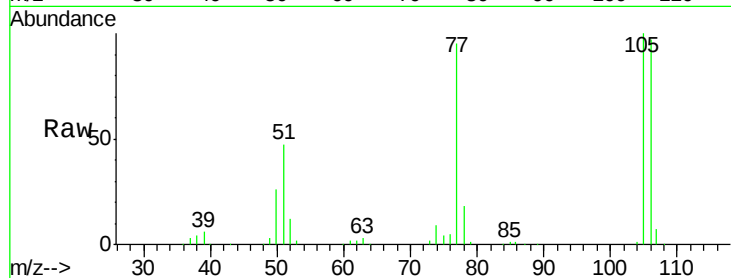




#9
Benzaldehyde
Concen: 37.741 ng
RT: 6.23 min Scan# 704
Delta R.T. -0.01 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

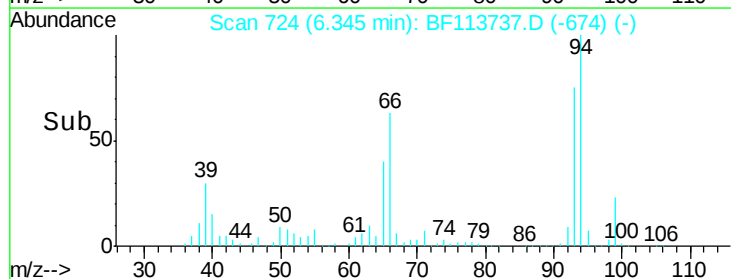
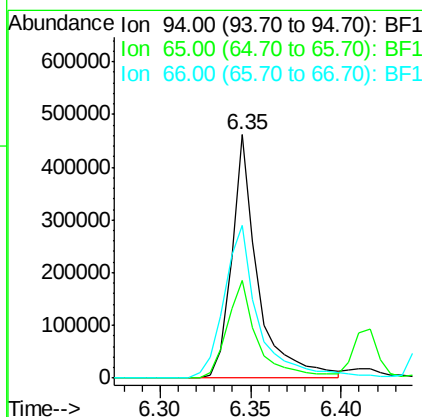
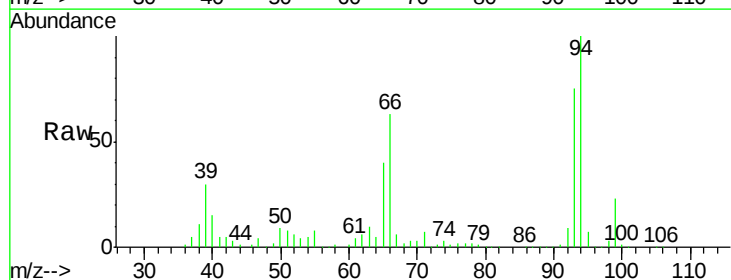
Instrument :
BNA_F
ClientSampled :

Tot Ion: 77 Resp: 222210
Ion Ratio Lower Upper
77 100
105 105.2 80.9 120.9
106 102.3 77.8 117.8



#10
Phenol
Concen: 41.059 ng
RT: 6.35 min Scan# 724
Delta R.T. -0.01 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Tgt Ion: 94 Resp: 464339
Ion Ratio Lower Upper
94 100
65 39.9 21.4 61.4
66 62.7 46.4 86.4





#11

bis(2-Chloroethyl)ether

Concen: 42.280 ng

RT: 6.42 min Scan# 736

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampled :

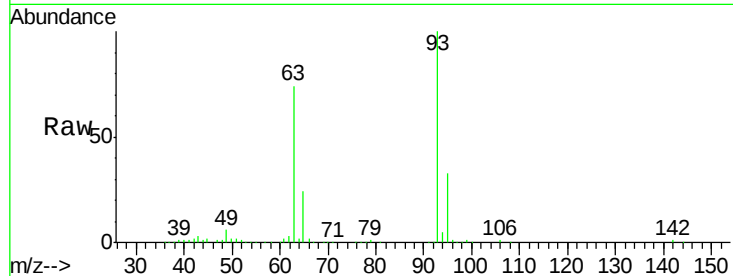
Tot Ion: 93 Resp: 371946

Ion Ratio Lower Upper

93 100

63 73.8 56.1 96.1

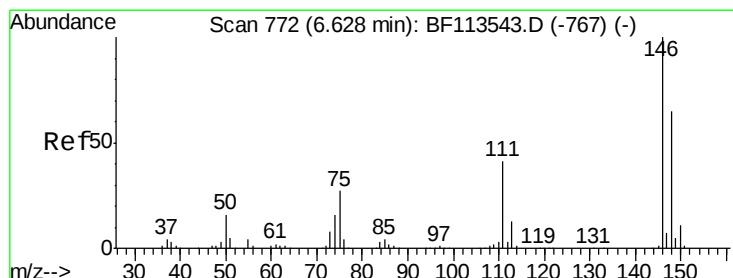
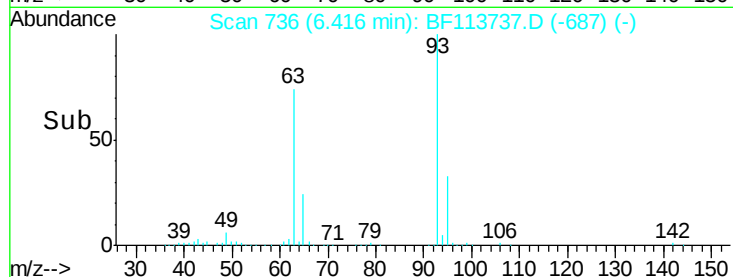
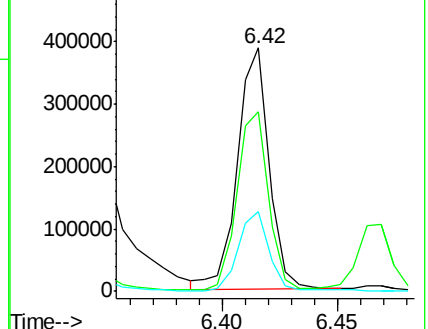
95 32.8 12.8 52.8



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 41.357 ng

RT: 6.62 min Scan# 770

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

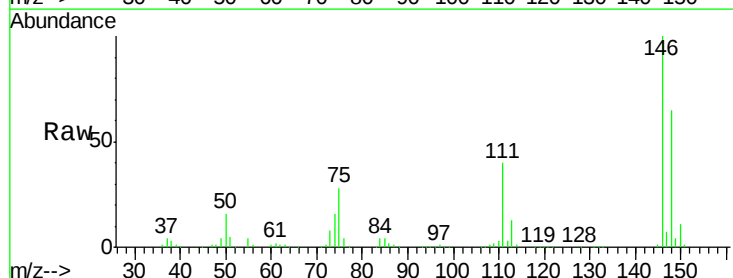
Tgt Ion: 146 Resp: 413987

Ion Ratio Lower Upper

146 100

148 64.5 51.4 77.0

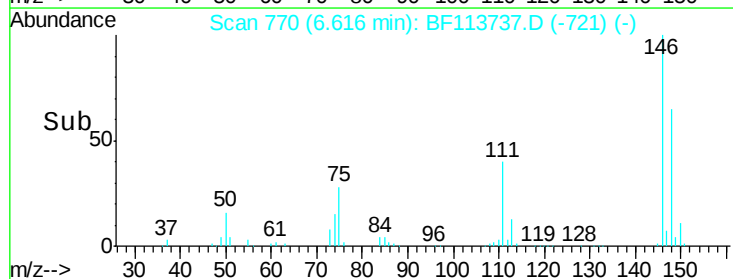
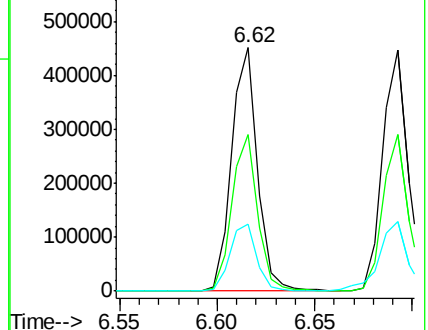
75 27.7 24.8 37.2

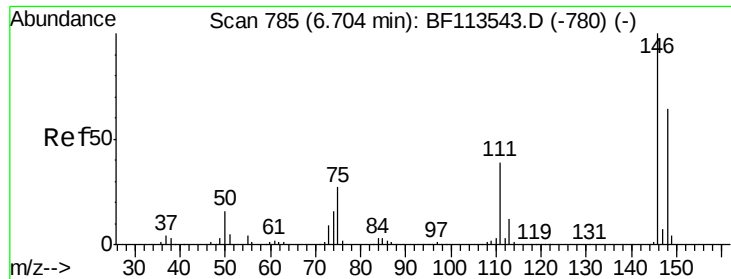


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

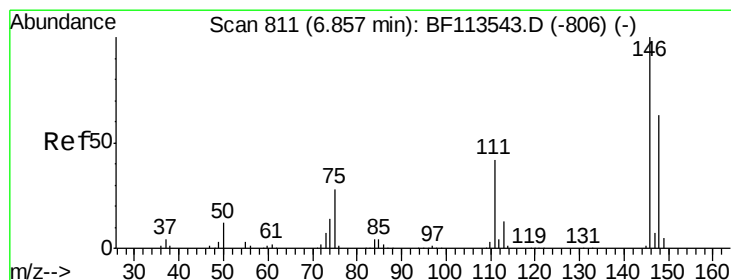
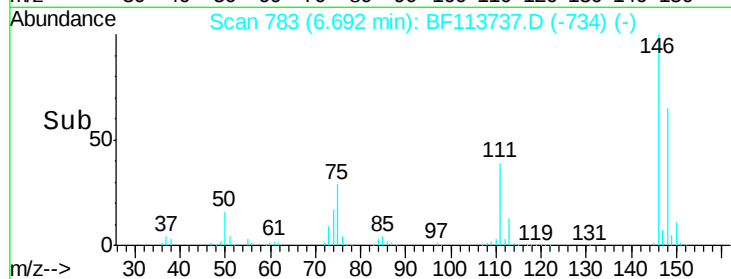
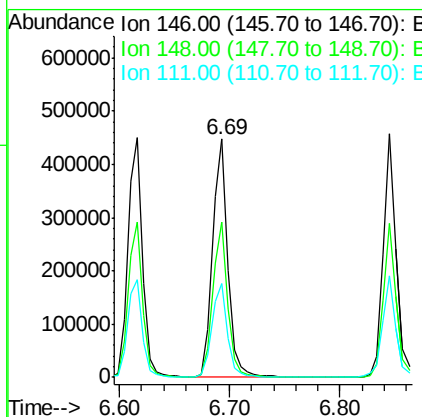
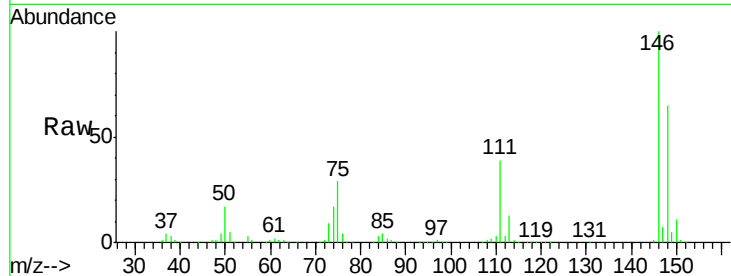




#13
 1,4-Dichlorobenzene
 Concen: 41.413 ng
 RT: 6.69 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

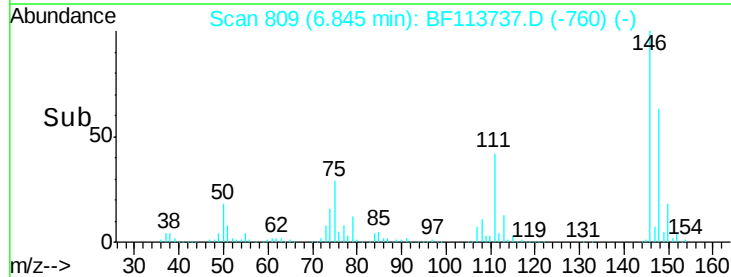
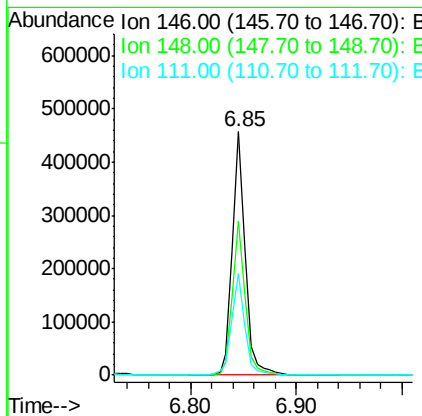
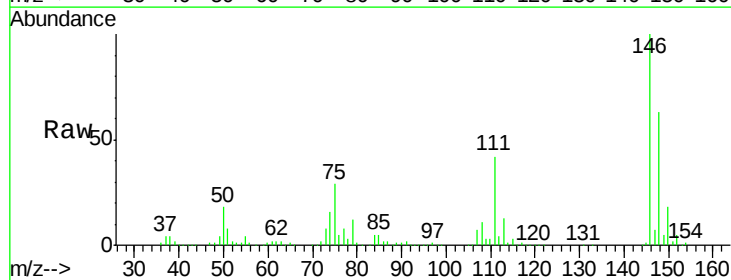
Instrument :
 BNA_F
 ClientSampleId :

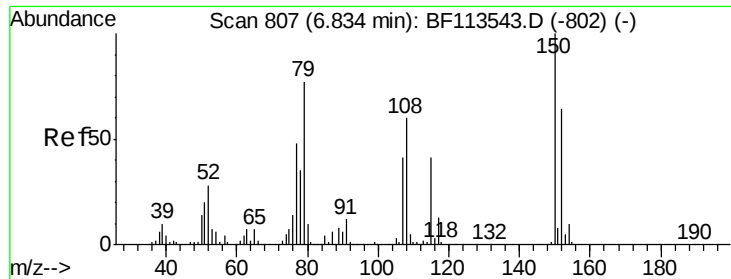
Tot Ion:146 Resp: 418923
 Ion Ratio Lower Upper
 146 100
 148 65.1 51.1 76.7
 111 39.4 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 42.023 ng
 RT: 6.85 min Scan# 809
 Delta R.T. -0.01 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Tgt Ion:146 Resp: 383703
 Ion Ratio Lower Upper
 146 100
 148 63.3 50.2 75.4
 111 41.8 35.4 53.2





#15

Benzyl Alcohol

Concen: 35.681 ng

RT: 6.83 min Scan# 807

Delta R.T. -0.00 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampleId :

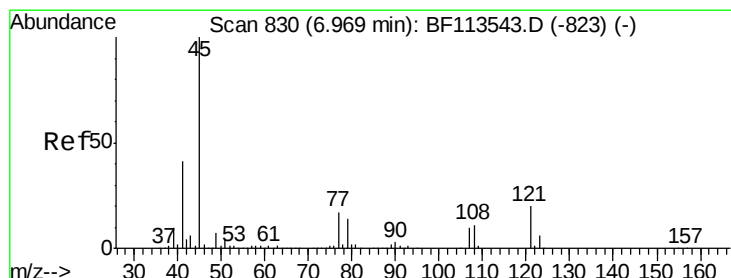
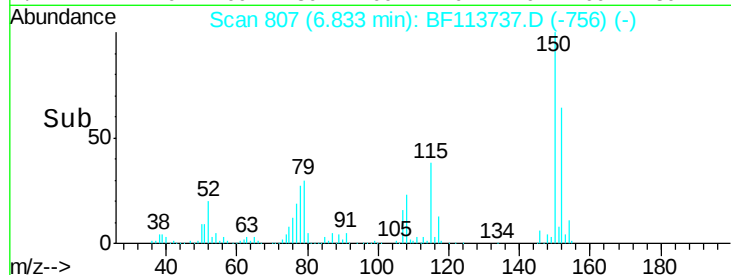
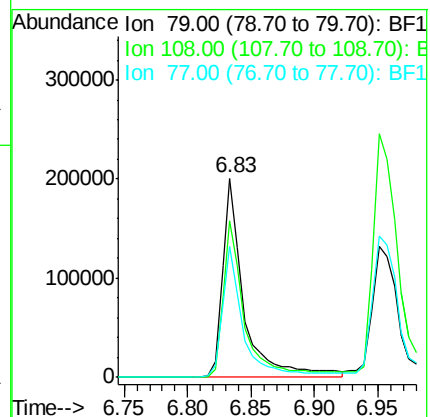
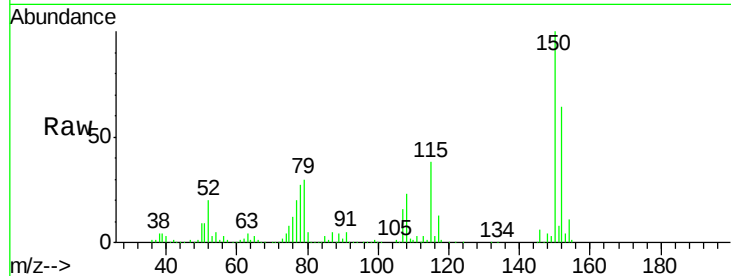
Tot Ion: 79 Resp: 238892

Ion Ratio Lower Upper

79 100

108 78.3 62.0 93.0

77 65.9 49.9 74.9



#16

2,2'-oxybis(1-chloropropane)

Concen: 39.713 ng

RT: 6.96 min Scan# 828

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

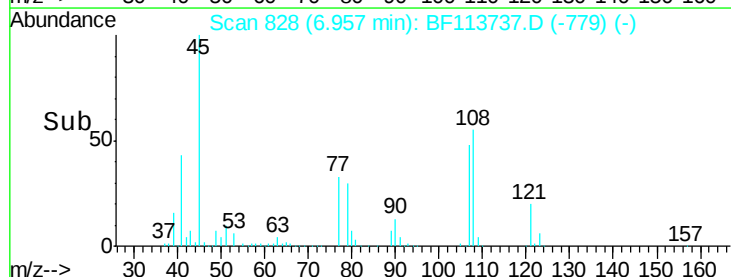
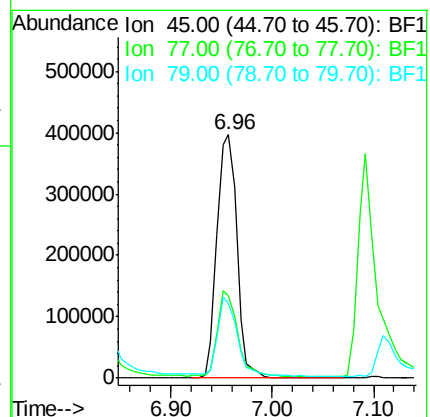
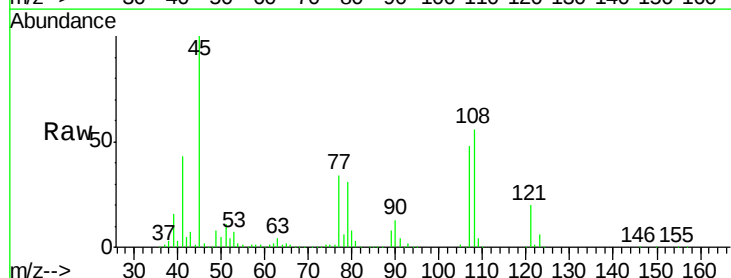
Tgt Ion: 45 Resp: 543792

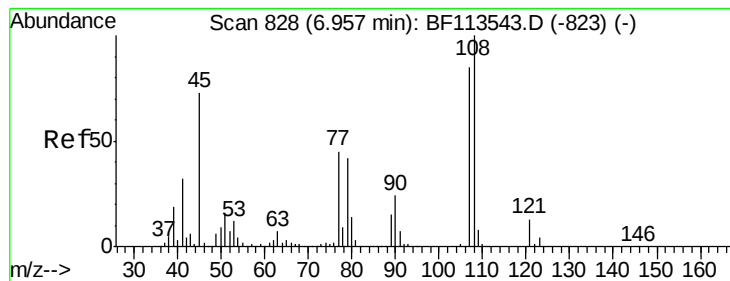
Ion Ratio Lower Upper

45 100

77 33.7 0.0 36.6

79 30.8 0.0 34.0





#17

2-Methylphenol

Concen: 40.355 ng

RT: 6.95 min Scan# 827

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 290699

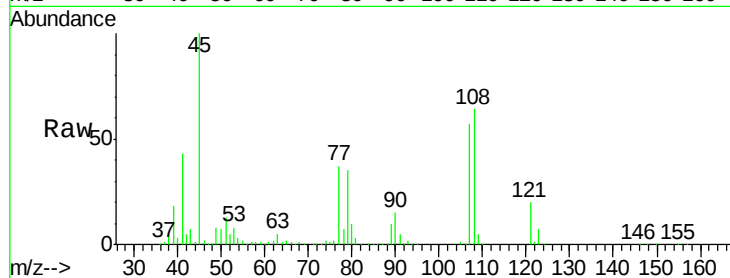
Ion Ratio Lower Upper

107 100

108 114.1 93.4 140.0

77 66.2 41.2 61.8#

79 61.6 40.1 60.1#

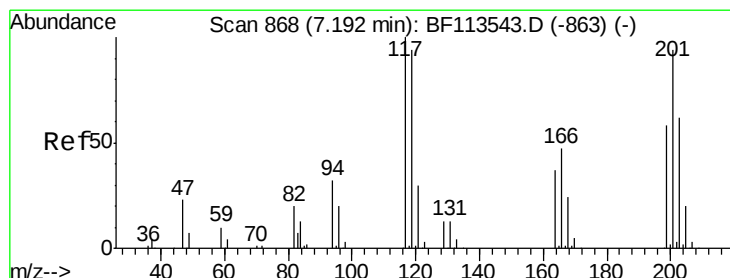
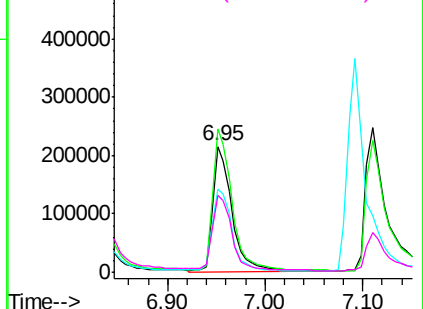
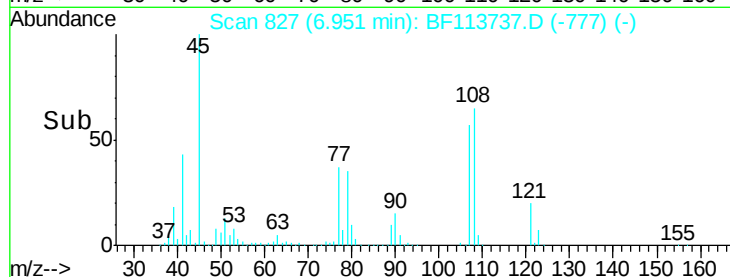


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.015 ng

RT: 7.18 min Scan# 866

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

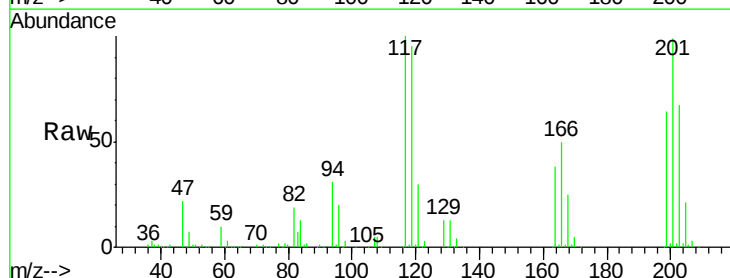
Tgt Ion:117 Resp: 151017

Ion Ratio Lower Upper

117 100

119 95.4 76.9 115.3

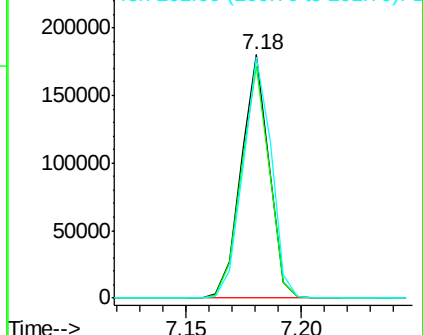
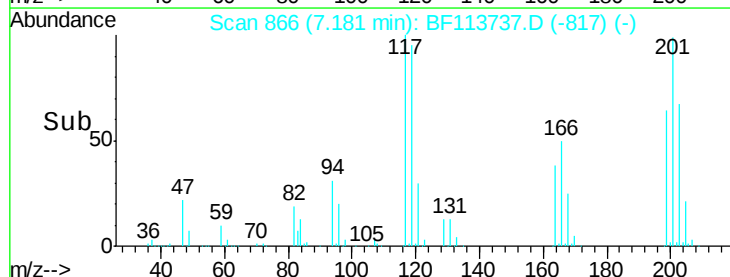
201 99.1 78.7 118.1

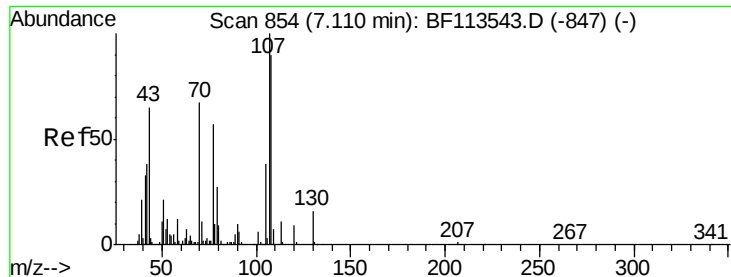


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

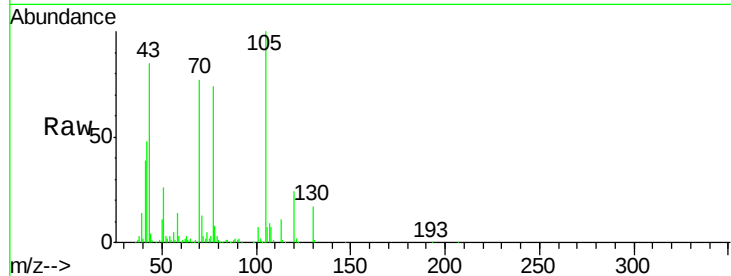




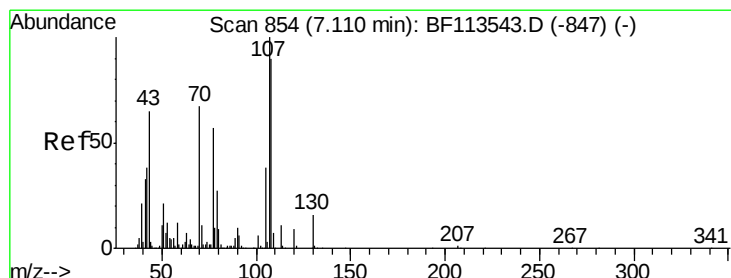
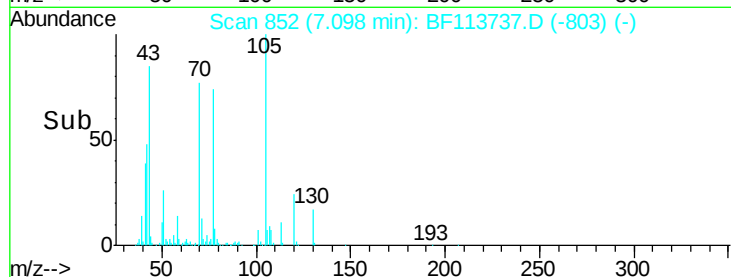
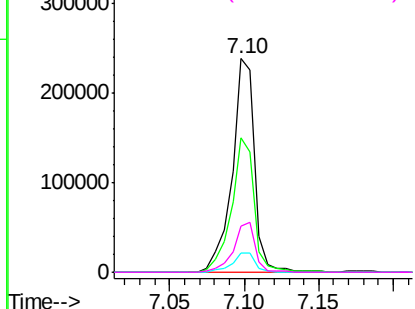
#19
n-Nitroso-di-n-propylamine
Concen: 41.394 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	70	Resp:	252751
Ion	Ratio	Lower	Upper
70	100		
42	62.9	48.4	72.6
101	9.3	7.8	11.8
130	21.7	18.2	27.4

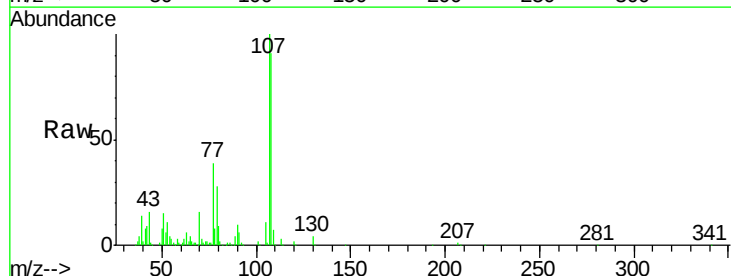


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): BF1
Ion 130.00 (129.70 to 130.70): BF1

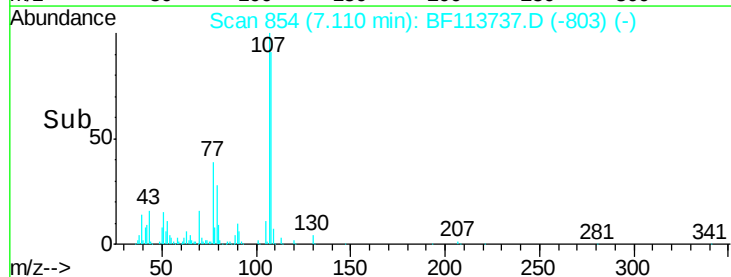
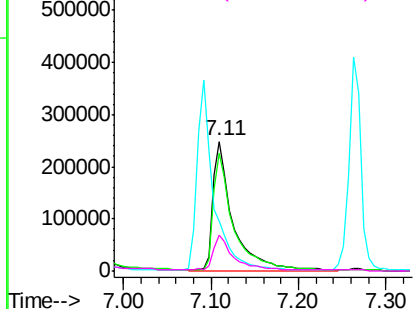


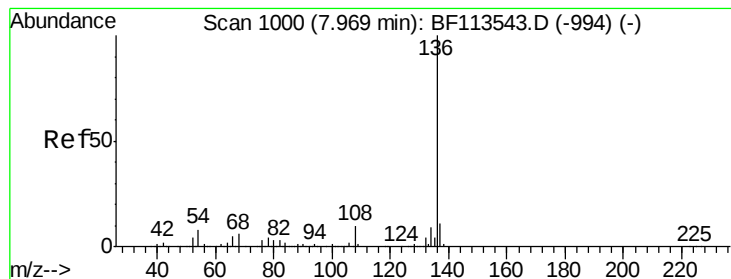
#20
3+4-Methylphenols
Concen: 45.826 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Tgt Ion:	107	Resp:	399978
Ion	Ratio	Lower	Upper
107	100		
108	91.2	71.4	111.4
77	38.5	33.5	73.5
79	27.6	8.3	48.3



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: 7.96 min Scan# 998

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 541345

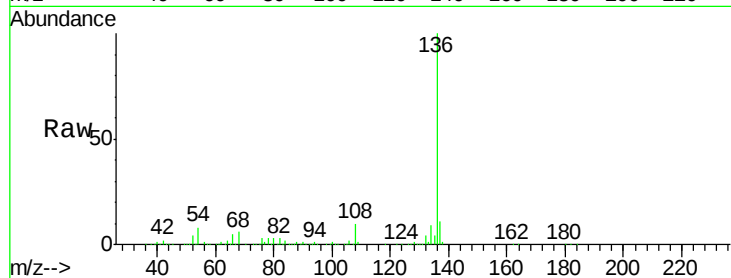
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 7.8 7.0 10.6

68 5.7 4.8 7.2

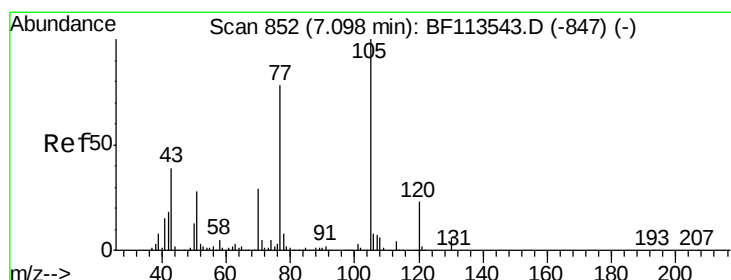
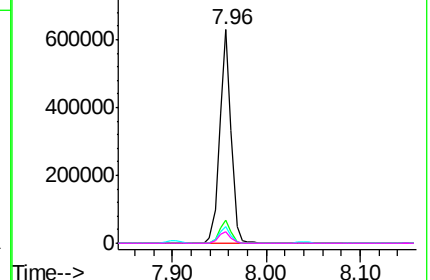
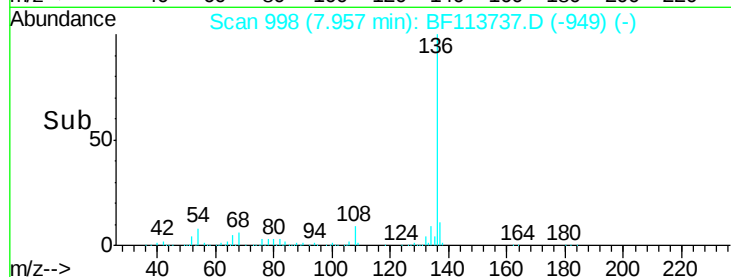


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 41.799 ng

RT: 7.09 min Scan# 851

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Tgt Ion:105 Resp: 496981

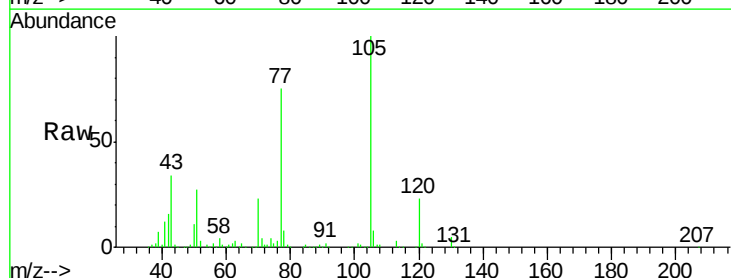
Ion Ratio Lower Upper

105 100

71 3.7 3.3 4.9

51 27.2 24.2 36.2

120 23.3 18.1 27.1

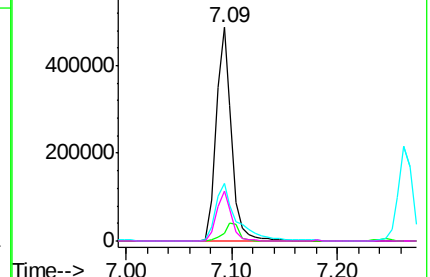
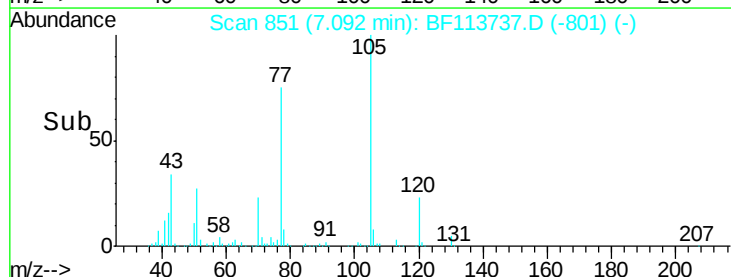


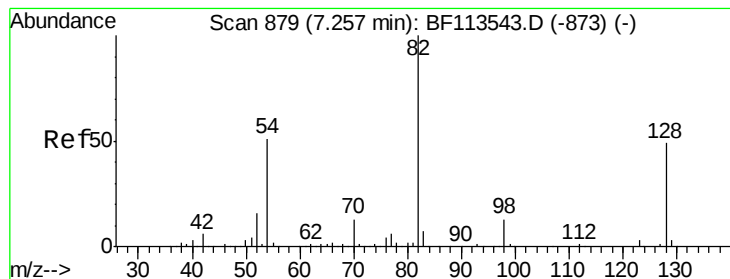
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 81.701 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampled :

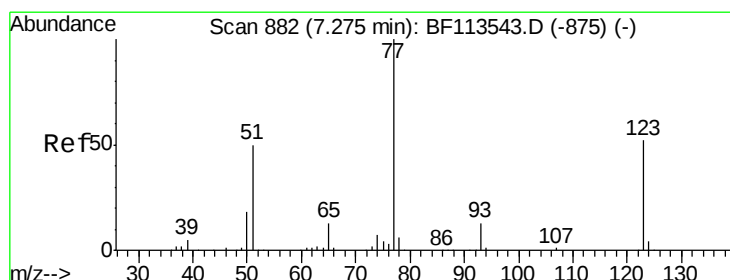
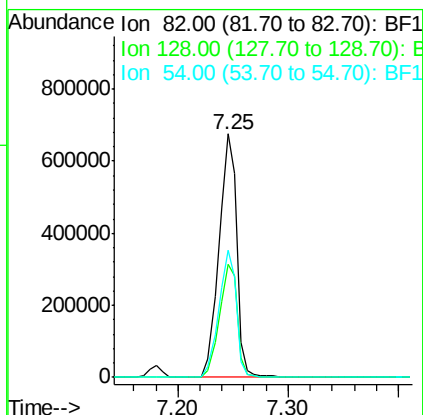
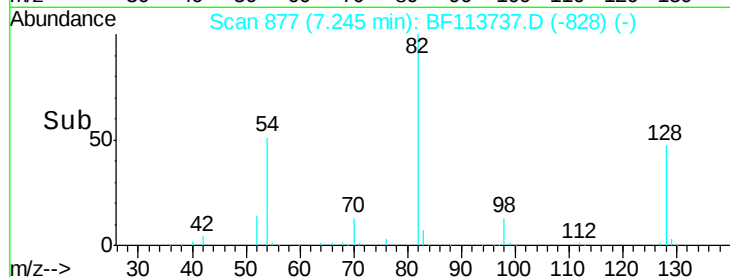
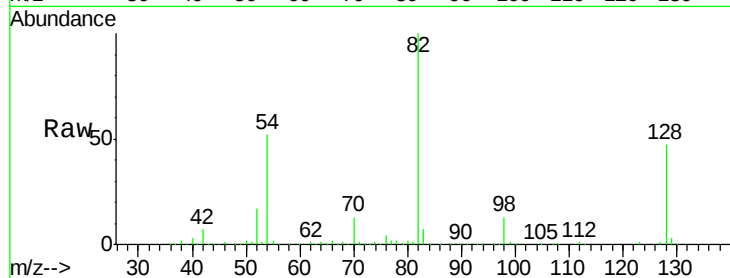
Tot Ion: 82 Resp: 755067

Ion Ratio Lower Upper

82 100

128 46.6 36.5 54.7

54 52.0 42.2 63.2



#24

Nitrobenzene

Concen: 41.589 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

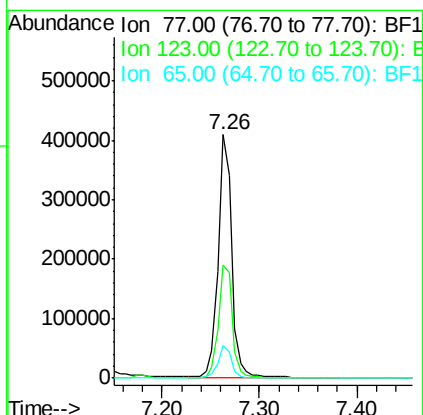
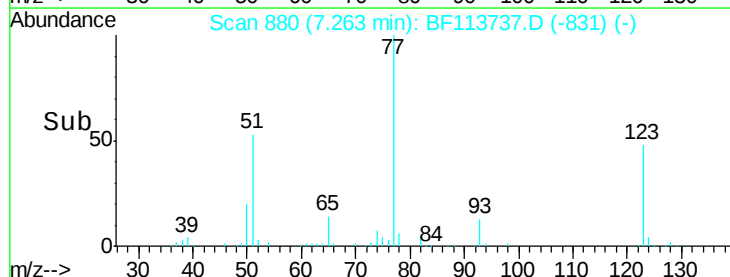
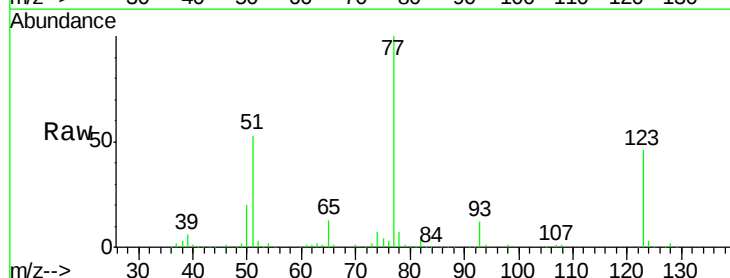
Tgt Ion: 77 Resp: 395827

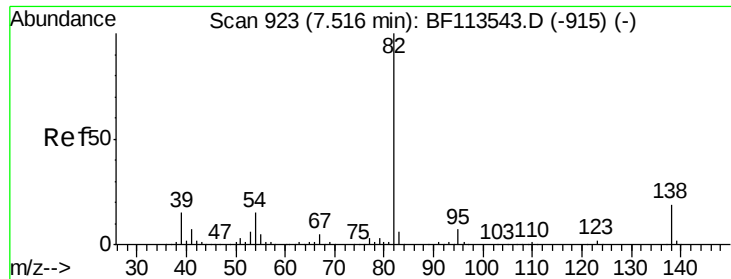
Ion Ratio Lower Upper

77 100

123 46.3 40.8 61.2

65 13.5 10.6 16.0





#25

Isophorone

Concen: 39.340 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampleId :

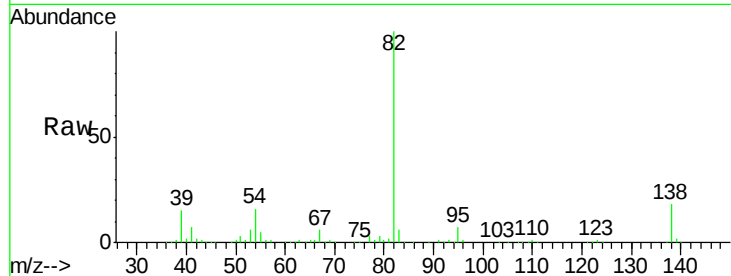
Tot Ion: 82 Resp: 700376

Ion Ratio Lower Upper

82 100

95 6.9 5.5 8.3

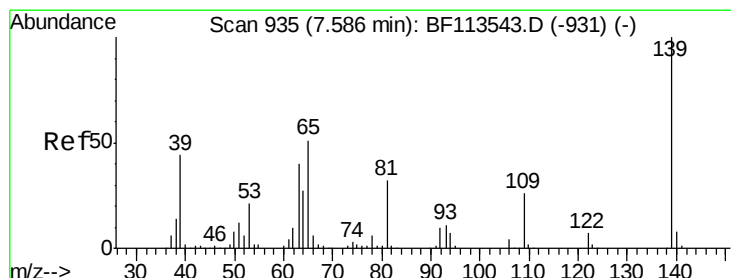
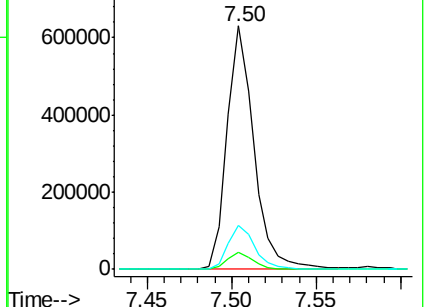
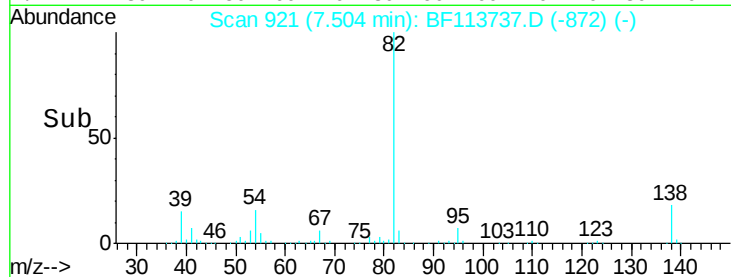
138 18.2 15.2 22.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 41.864 ng

RT: 7.58 min Scan# 934

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

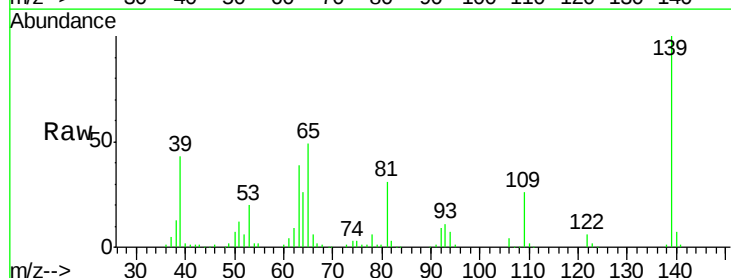
Tgt Ion: 139 Resp: 214442

Ion Ratio Lower Upper

139 100

109 25.6 21.7 32.5

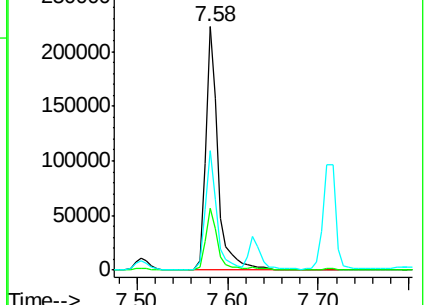
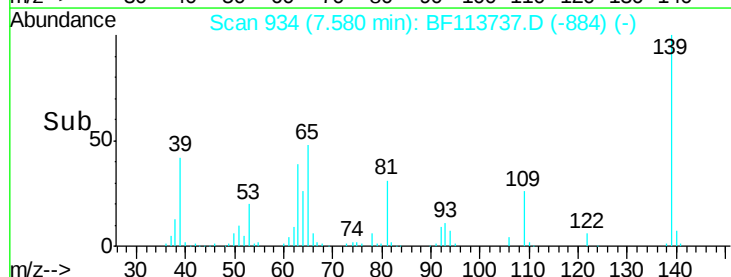
65 48.9 41.6 62.4

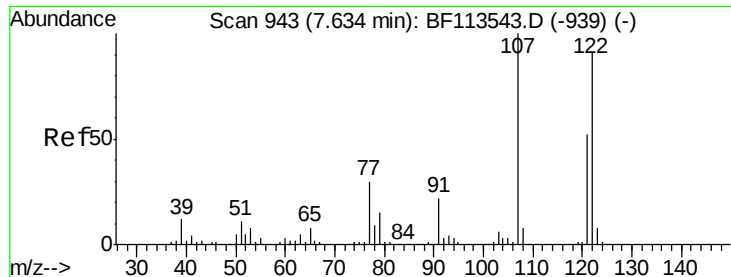


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 40.295 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampled :

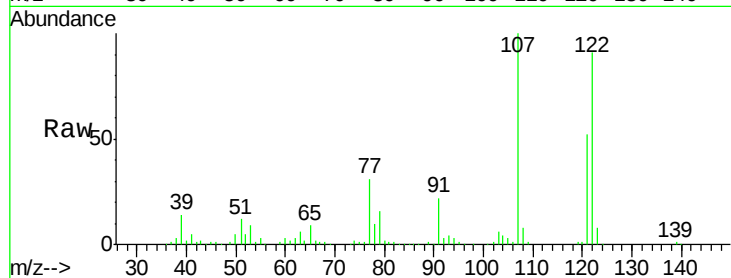
Tot Ion:122 Resp: 295081

Ion Ratio Lower Upper

122 100

107 110.0 88.8 133.2

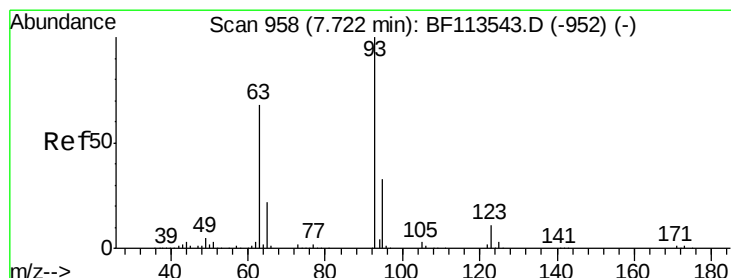
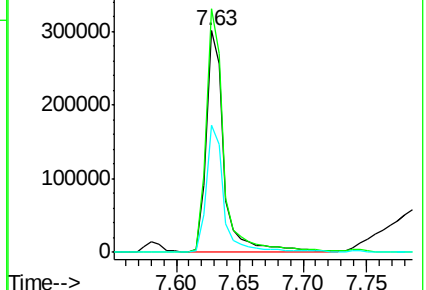
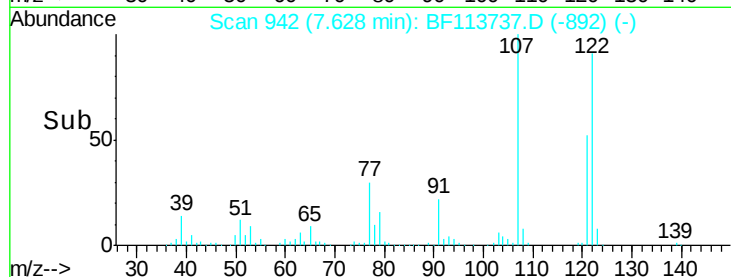
121 57.3 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 40.172 ng

RT: 7.72 min Scan# 957

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

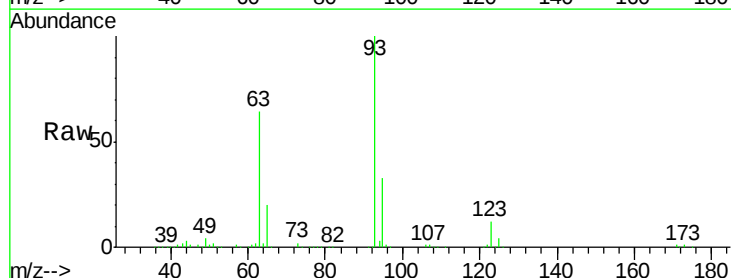
Tgt Ion: 93 Resp: 452161

Ion Ratio Lower Upper

93 100

95 33.3 26.0 39.0

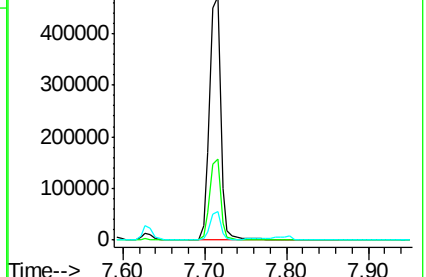
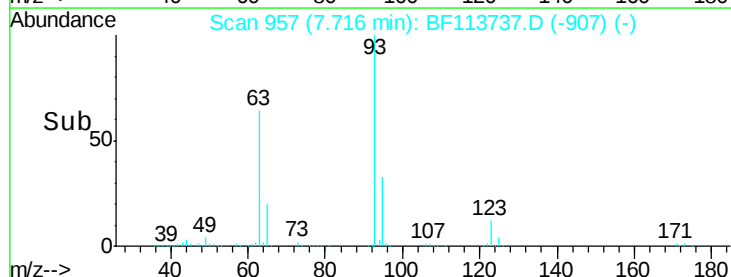
123 11.8 9.1 13.7

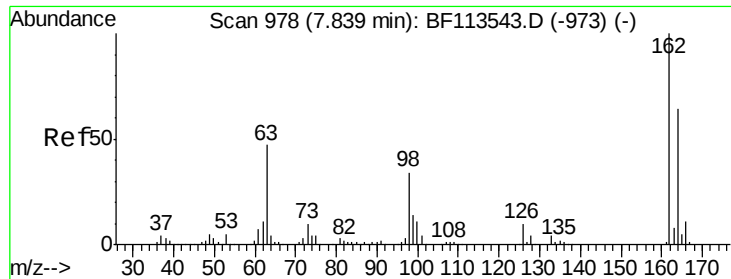


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

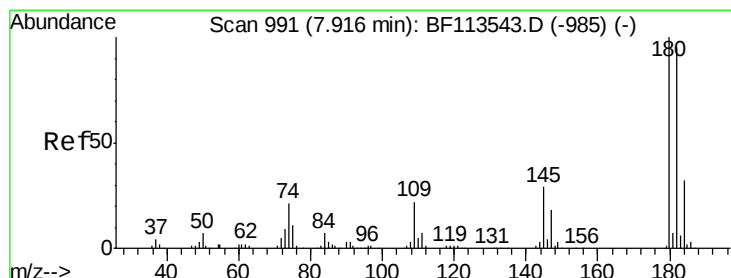
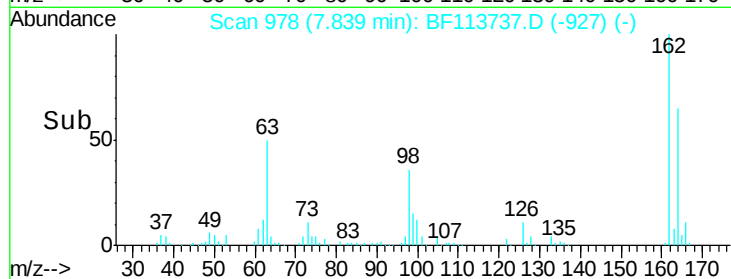
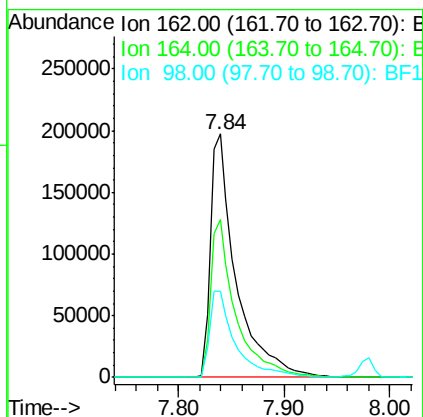
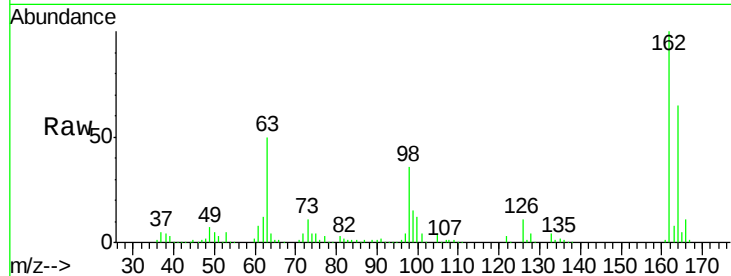




#29
 2,4-Dichlorophenol
 Concen: 42.545 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

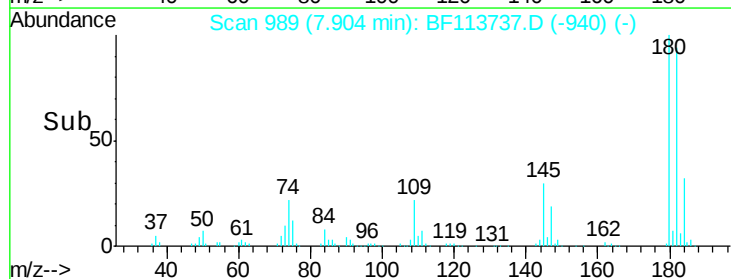
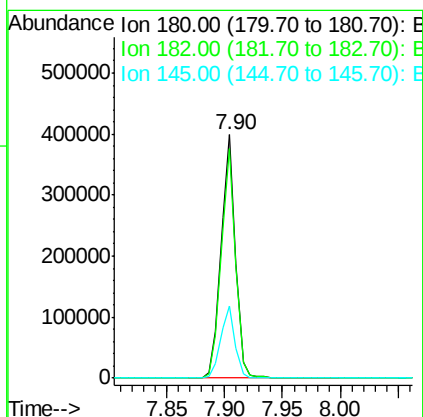
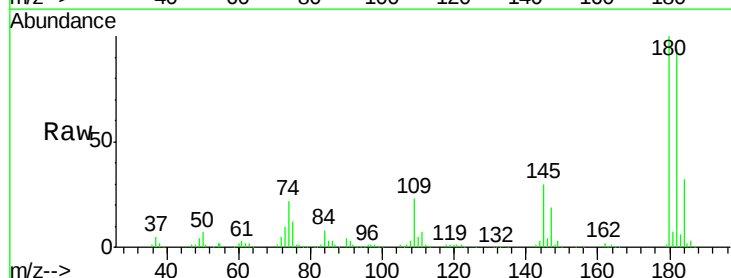
Instrument :
 BNA_F
 ClientSampleId :

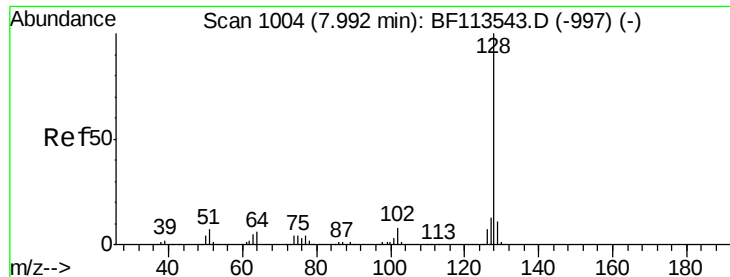
Tot Ion	162	Resp	333350
Ion	Ratio	Lower	Upper
162	100		
164	64.9	44.6	84.6
98	35.5	15.6	55.6



#30
 1,2,4-Trichlorobenzene
 Concen: 40.602 ng
 RT: 7.90 min Scan# 989
 Delta R.T. -0.01 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Tgt Ion	180	Resp	345471
Ion	Ratio	Lower	Upper
180	100		
182	94.4	74.6	111.8
145	29.6	23.4	35.0

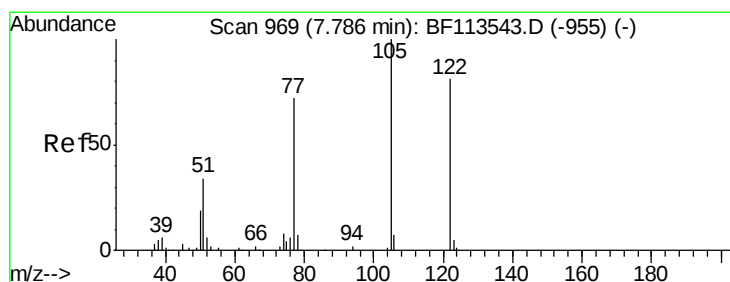
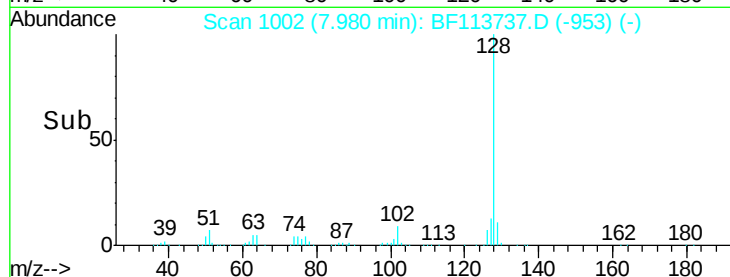
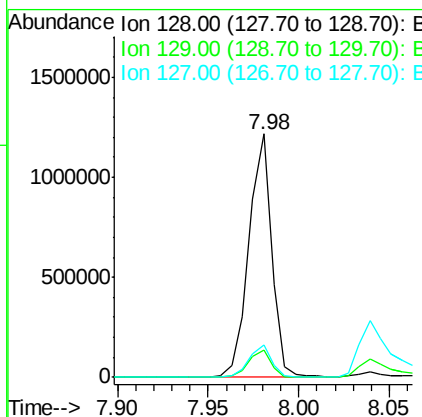
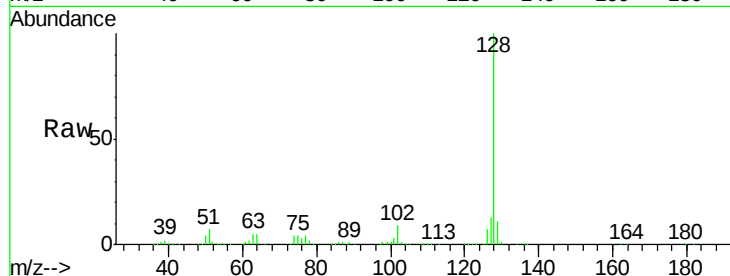




#31
Naphthalene
Concen: 40.820 ng
RT: 7.98 min Scan# 1002
Delta R.T. -0.01 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

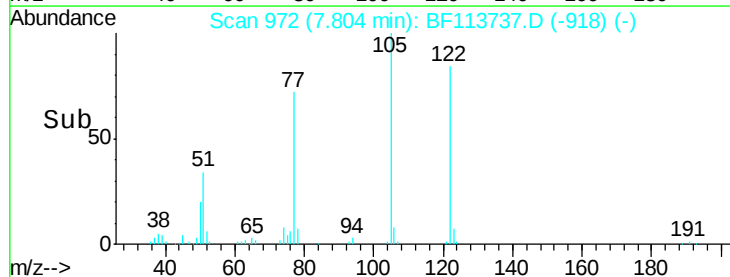
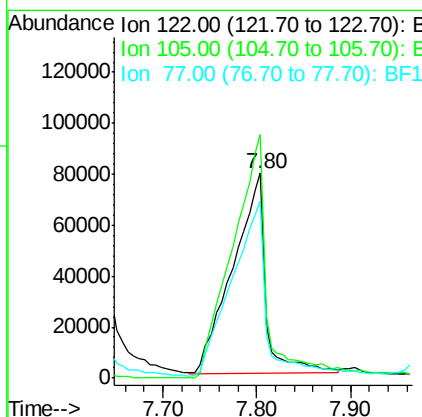
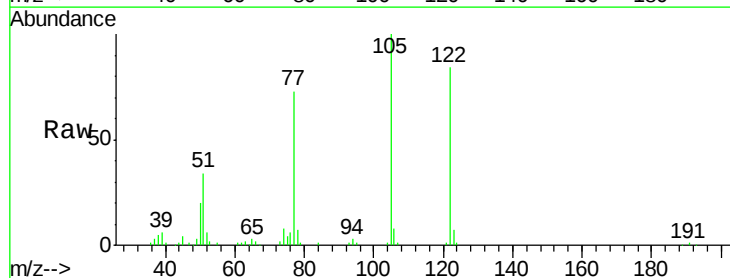
Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 1070689
Ion Ratio Lower Upper
128 100
129 11.4 9.3 13.9
127 13.4 10.9 16.3



#32
Benzoic acid
Concen: 33.902 ng
RT: 7.80 min Scan# 972
Delta R.T. 0.02 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Tgt Ion:122 Resp: 192246
Ion Ratio Lower Upper
122 100
105 119.0 100.4 140.4
77 86.7 69.0 109.0

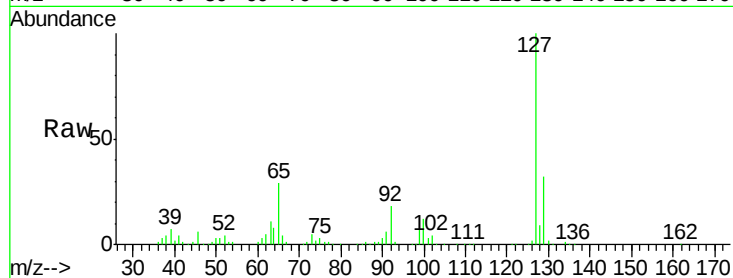




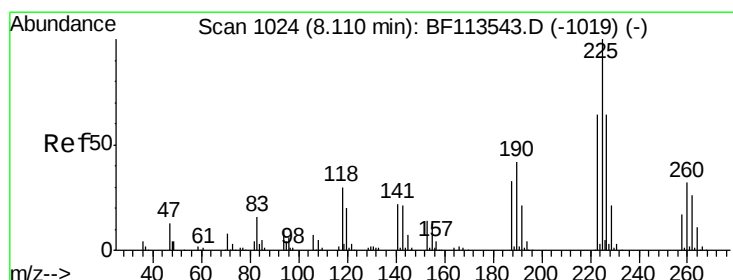
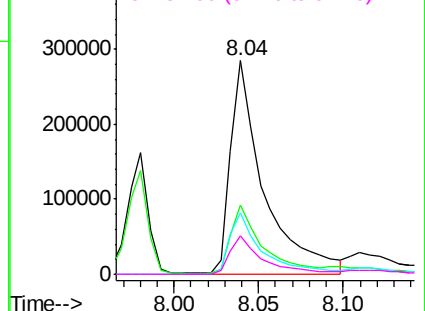
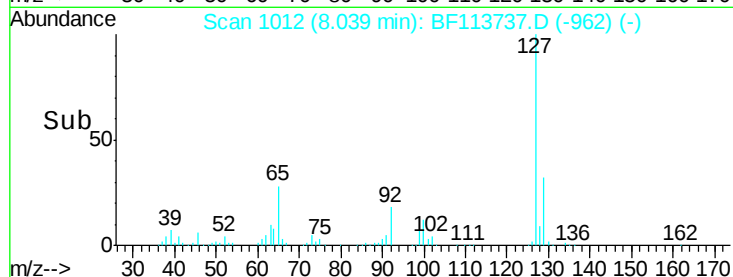
#33
4-Chloroaniline
Concen: 37.696 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.01 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	392054
Ion	Ratio	Lower	Upper
127	100		
129	32.4	26.3	39.5
65	28.6	24.2	36.4
92	17.8	15.0	22.6

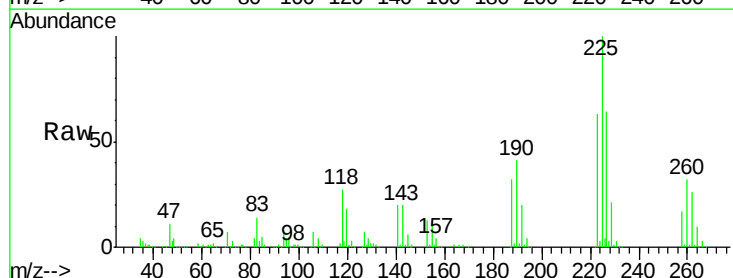


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

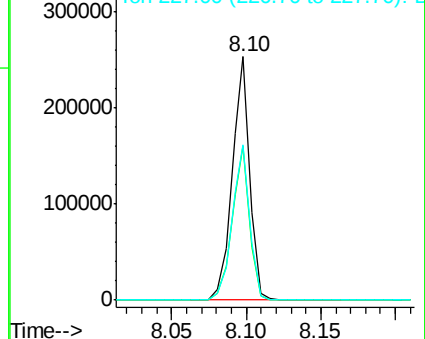
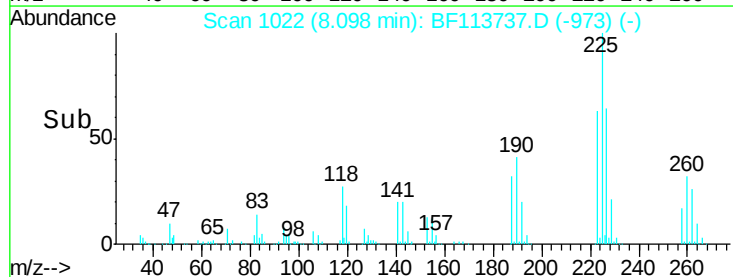


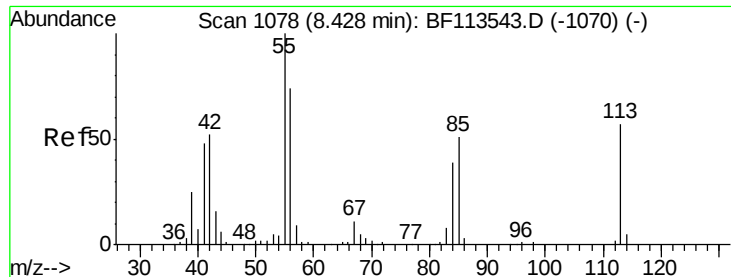
#34
Hexachlorobutadiene
Concen: 40.533 ng
RT: 8.10 min Scan# 1022
Delta R.T. -0.01 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Tgt Ion:	225	Resp:	210266
Ion	Ratio	Lower	Upper
225	100		
223	63.2	51.4	77.2
227	64.0	51.1	76.7



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

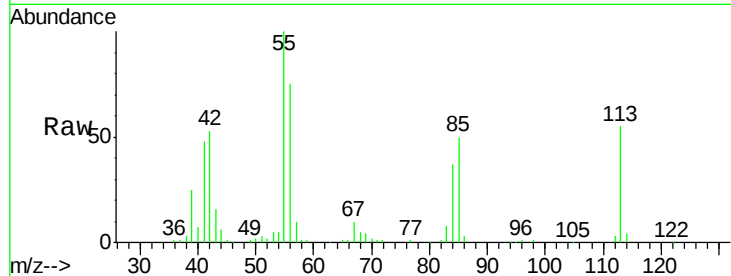




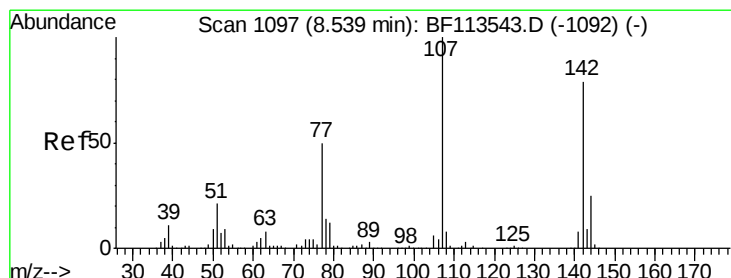
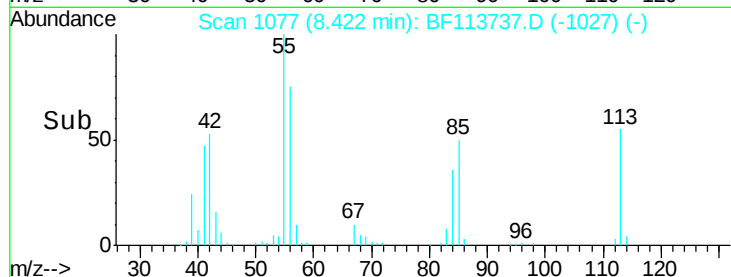
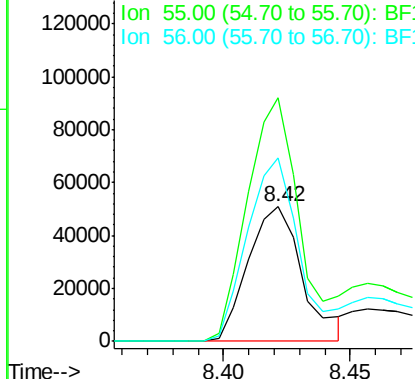
#35
Caprolactam
Concen: 30.433 ng
RT: 8.42 min Scan# 1077
Delta R.T. -0.01 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:113 Resp: 75693
Ion Ratio Lower Upper
113 100
55 181.1 152.7 192.7
56 136.3 108.3 148.3

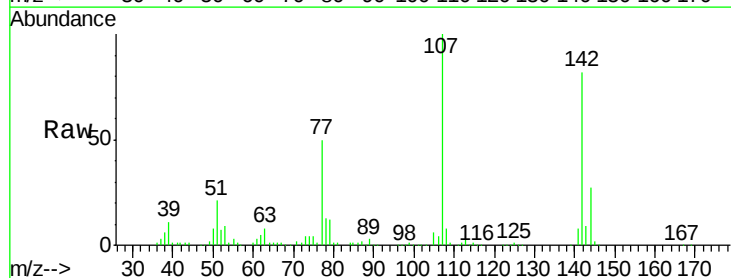


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

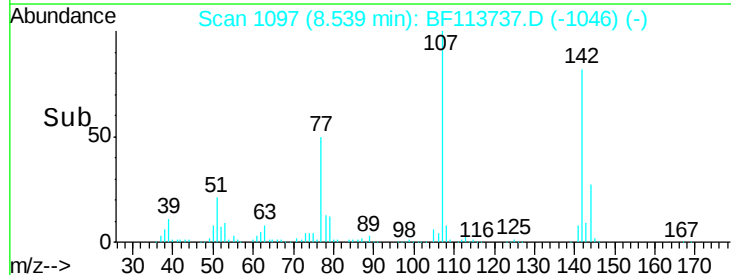
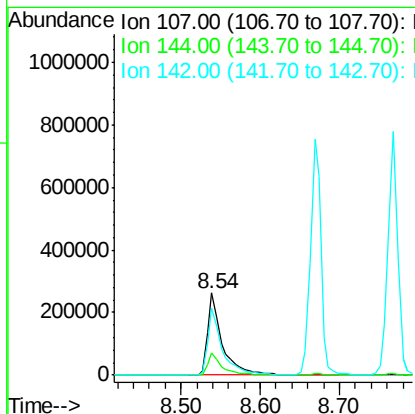


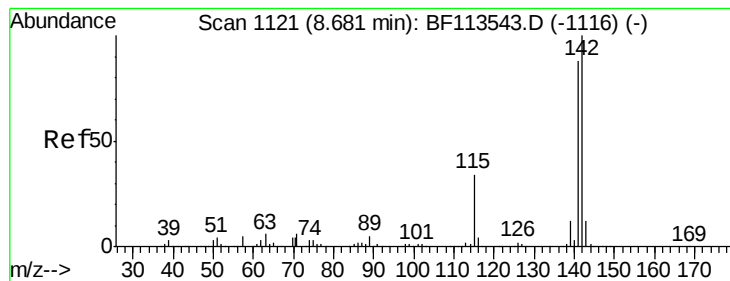
#36
4-Chloro-3-methylphenol
Concen: 42.978 ng
RT: 8.54 min Scan# 1097
Delta R.T. -0.00 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Tgt Ion:107 Resp: 338033
Ion Ratio Lower Upper
107 100
144 26.7 21.4 32.0
142 81.6 65.6 98.4



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





#37

2-Methylnaphthalene

Concen: 40.865 ng

RT: 8.67 min Scan# 1119

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampleId :

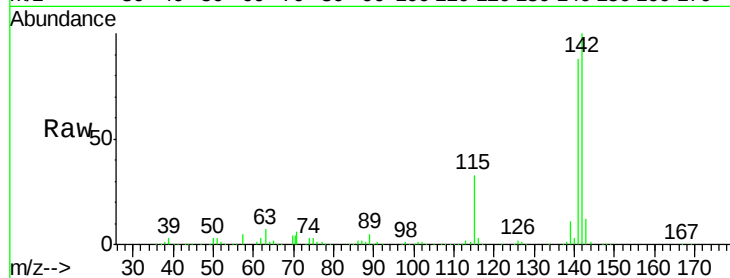
Tot Ion:142 Resp: 704957

Ion Ratio Lower Upper

142 100

141 87.7 71.0 106.6

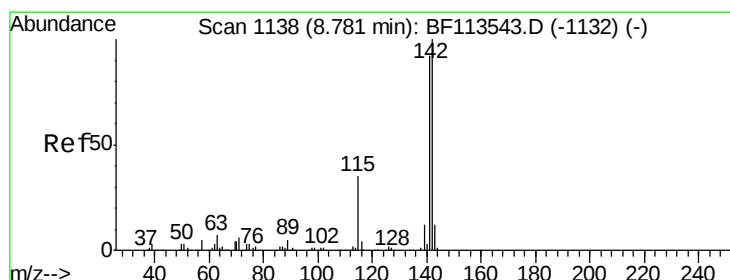
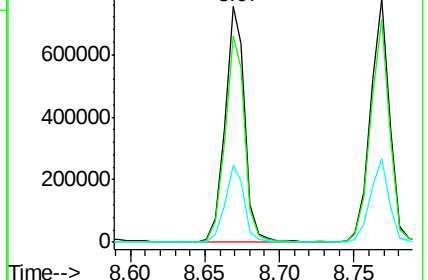
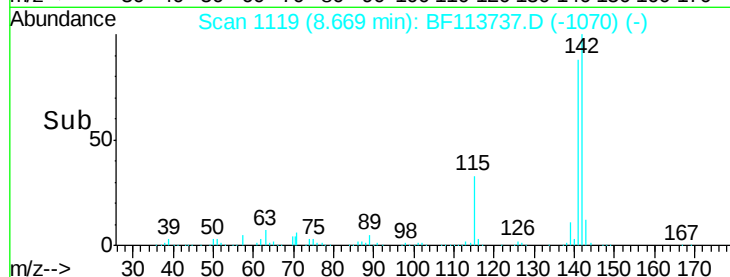
115 32.9 26.6 39.8



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: 40.725 ng

RT: 8.77 min Scan# 1136

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

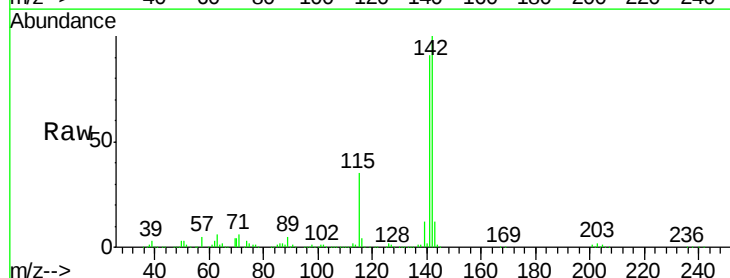
Tgt Ion:142 Resp: 677432

Ion Ratio Lower Upper

142 100

141 91.4 73.2 109.8

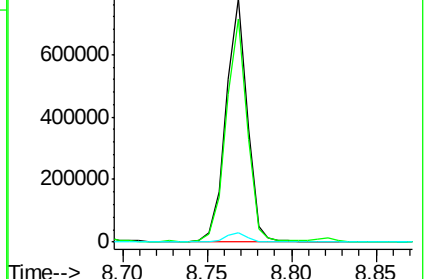
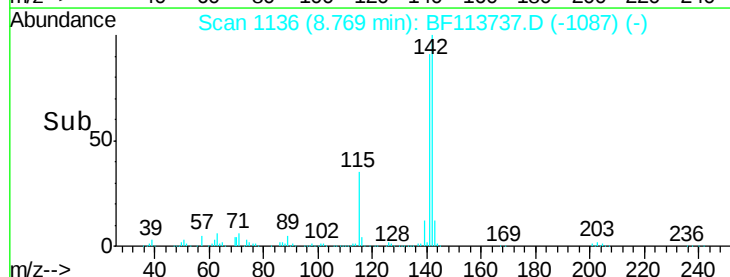
116 3.7 3.0 4.4

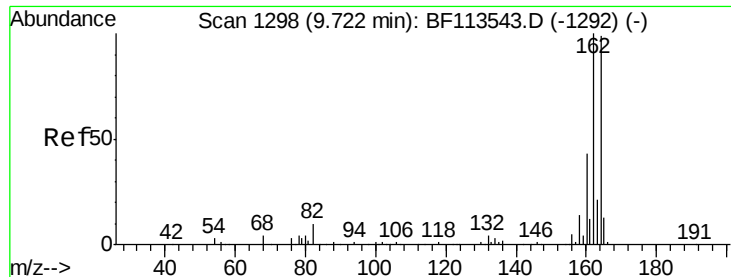


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

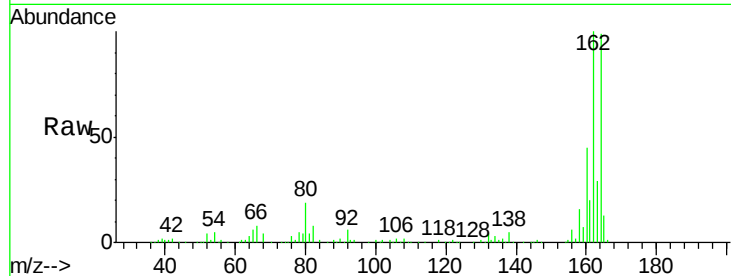




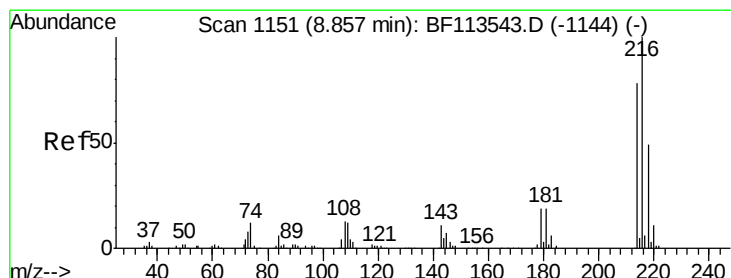
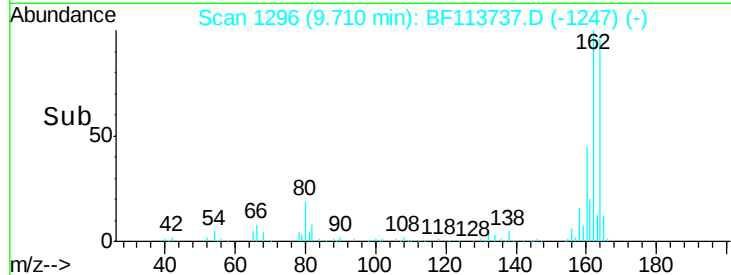
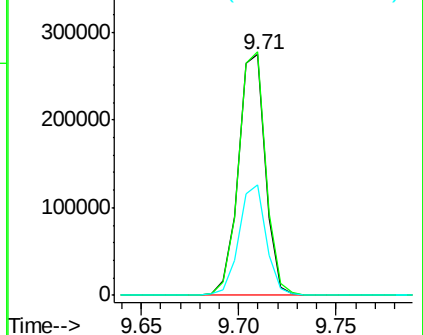
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.01 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.3	81.8	122.6
160	45.9	36.4	54.6



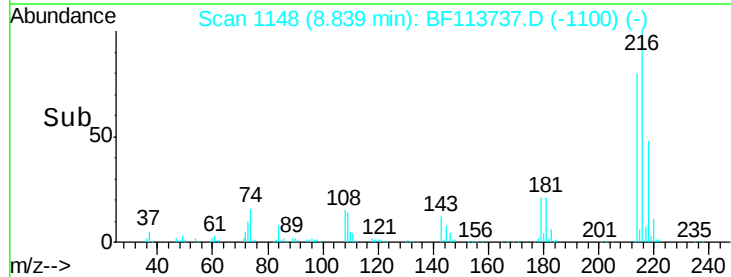
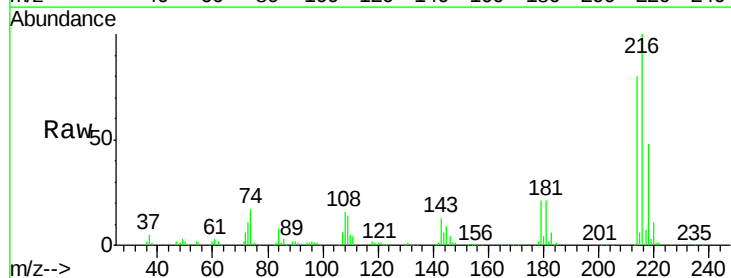
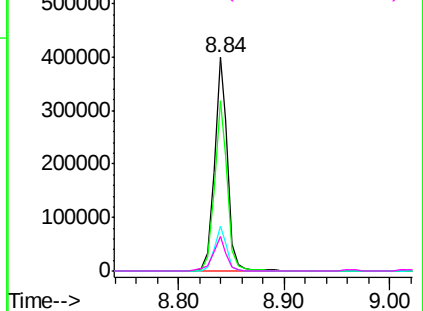
Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.800 ng
 RT: 8.84 min Scan# 1148
 Delta R.T. -0.02 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.4	63.0	94.6
179	20.2	16.8	25.2
108	16.5	13.8	20.6

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: 37.746 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.02 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampleId :

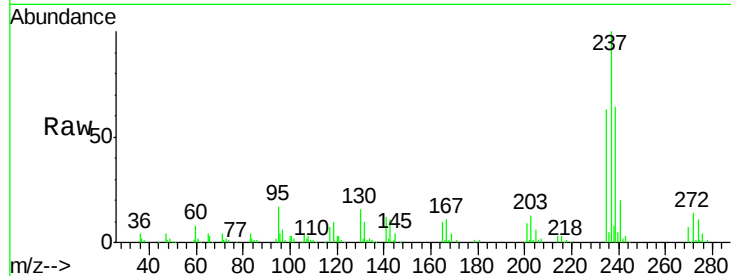
Tot Ion:237 Resp: 87557

Ion Ratio Lower Upper

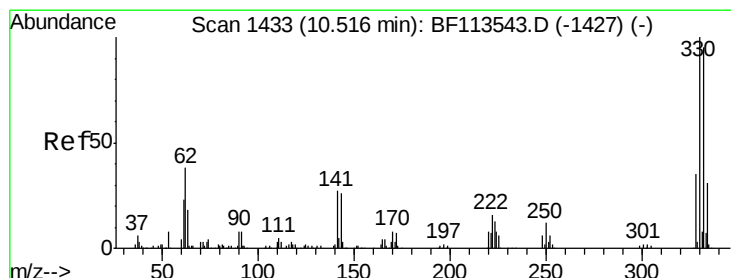
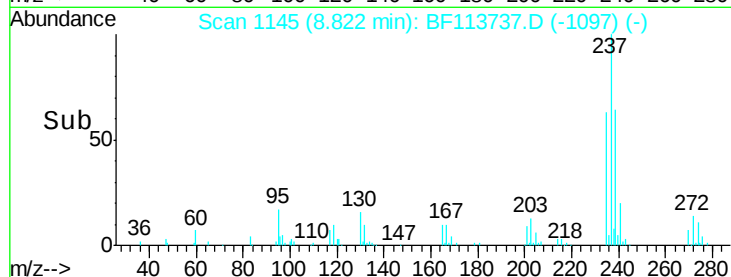
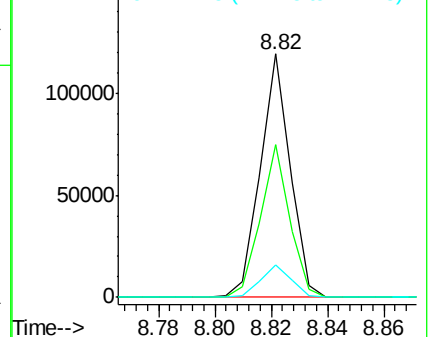
237 100

235 63.0 43.4 83.4

272 13.6 0.0 33.7



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: 84.633 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

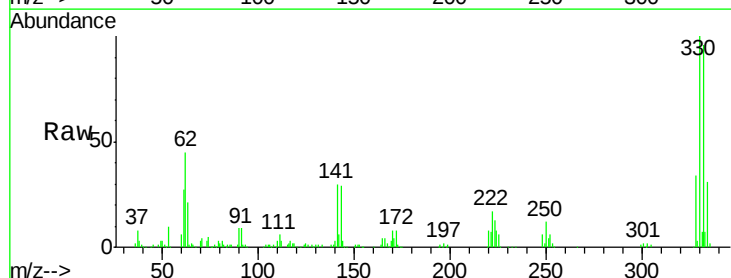
Tgt Ion:330 Resp: 268762

Ion Ratio Lower Upper

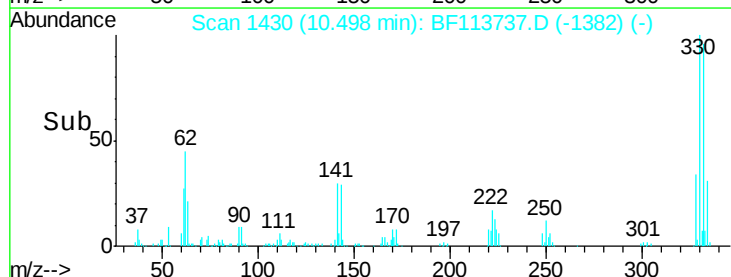
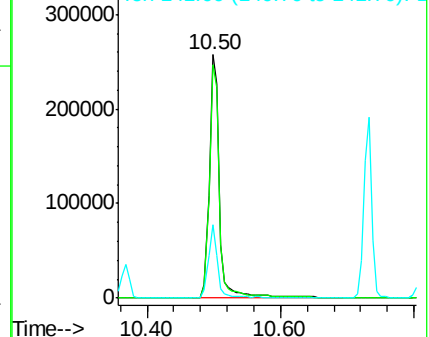
330 100

332 97.6 77.8 116.6

141 26.7 22.7 34.1



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

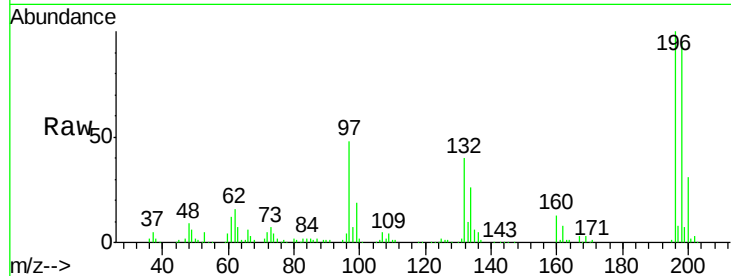




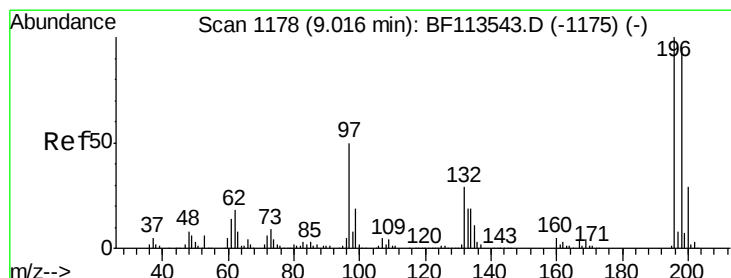
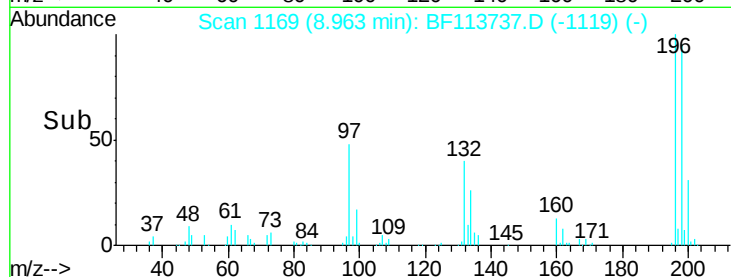
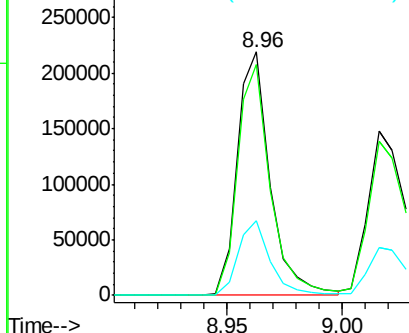
#43
 2,4,6-Trichlorophenol
 Concen: 40.261 ng
 RT: 8.96 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:196 Resp: 217278
 Ion Ratio Lower Upper
 196 100
 198 95.0 77.7 116.5
 200 30.7 24.9 37.3

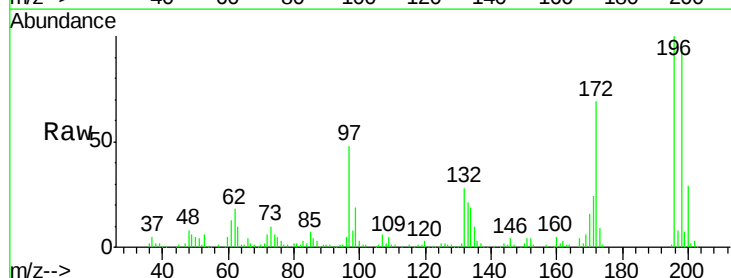


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

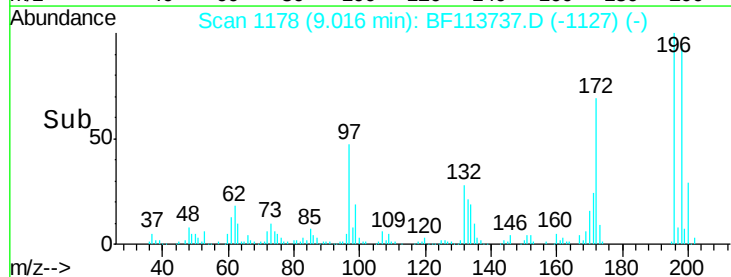
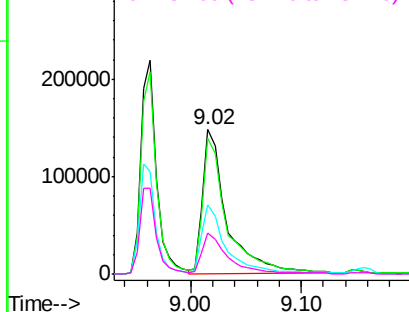


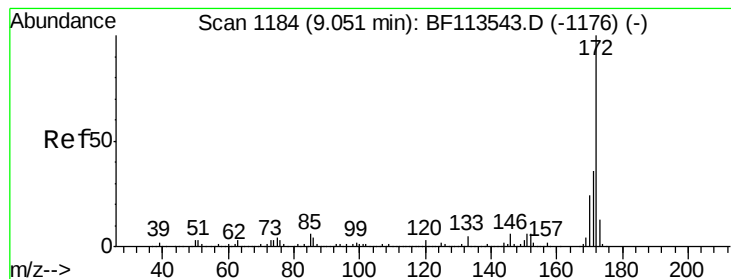
#44
 2,4,5-Trichlorophenol
 Concen: 37.803 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.00 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Tgt Ion:196 Resp: 219028
 Ion Ratio Lower Upper
 196 100
 198 93.6 75.4 113.2
 97 47.7 38.6 58.0
 132 28.0 22.9 34.3



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

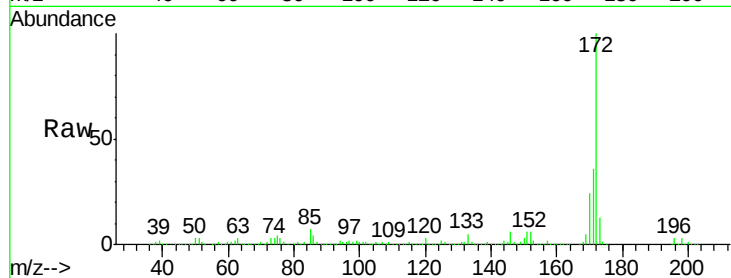




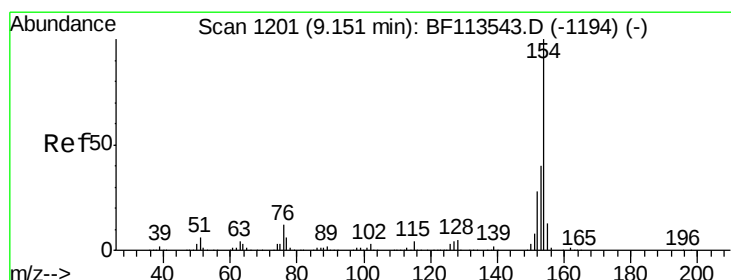
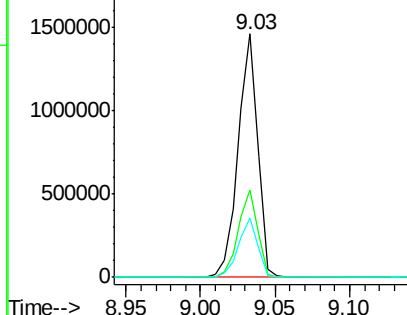
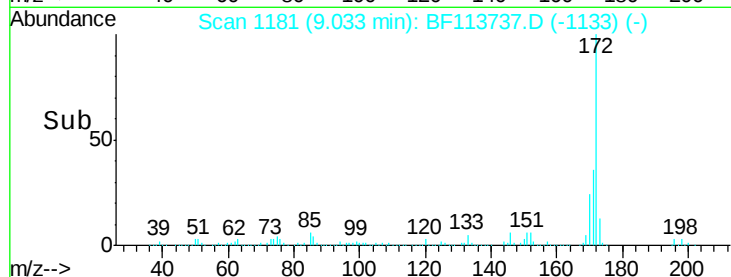
#45
 2-Fluorobiphenyl
 Concen: 81.771 ng
 RT: 9.03 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1342770
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.0 43.6
 170 24.4 19.5 29.3

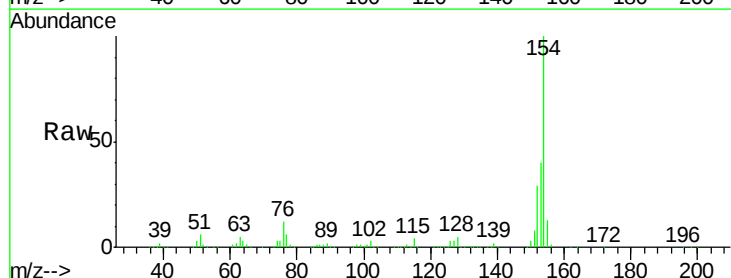


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

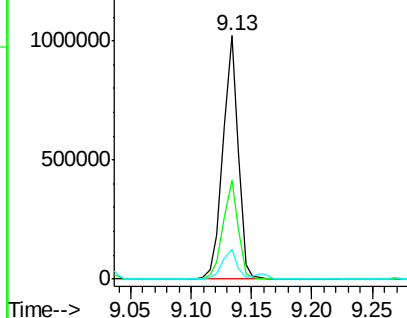
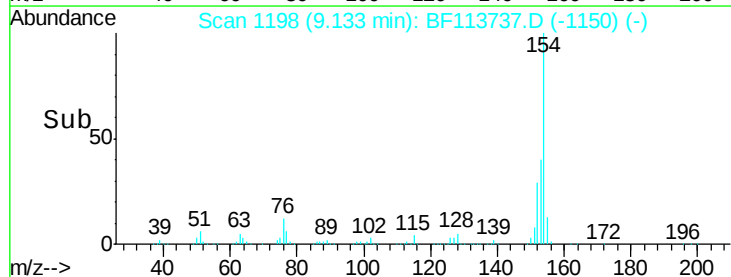


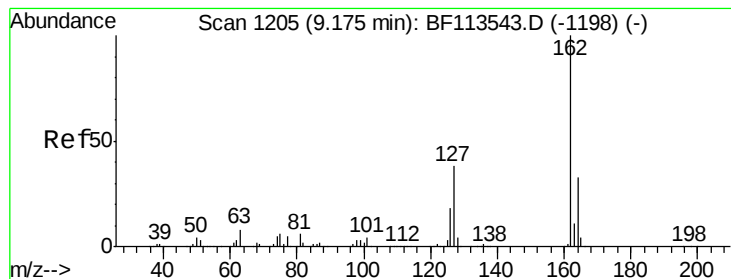
#46
 1,1'-Biphenyl
 Concen: 40.913 ng
 RT: 9.13 min Scan# 1198
 Delta R.T. -0.02 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Tgt Ion:154 Resp: 892500
 Ion Ratio Lower Upper
 154 100
 153 40.4 20.8 60.8
 76 12.0 0.0 31.9



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

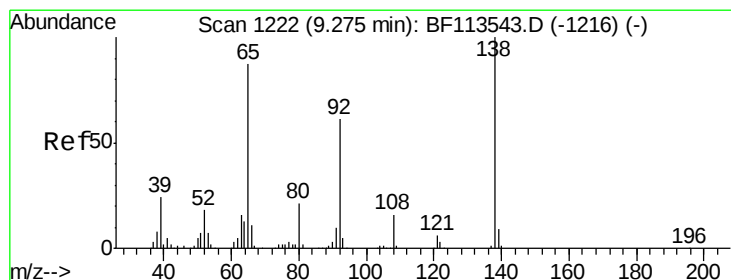
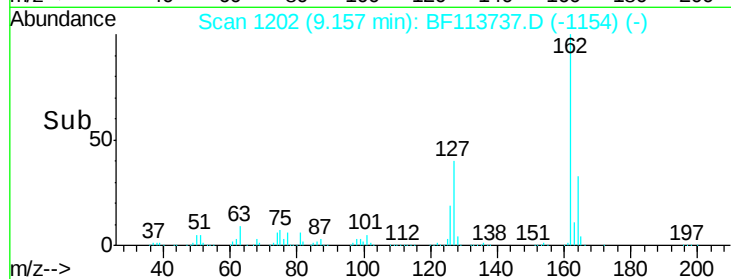
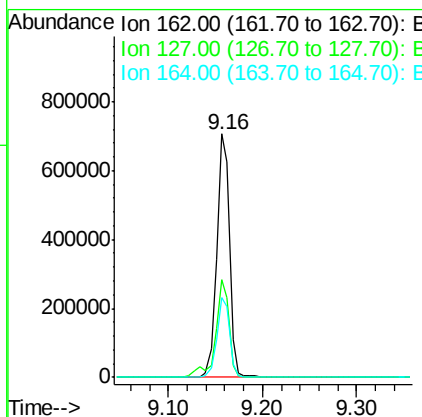
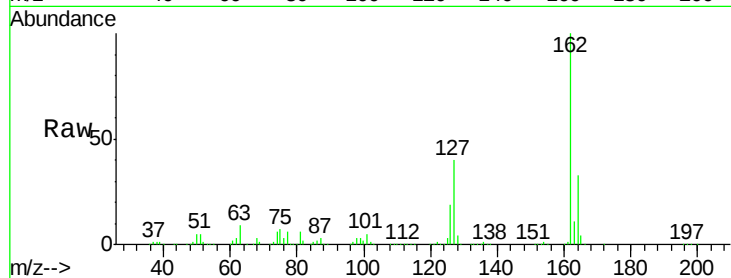




#47
 2-Chloronaphthalene
 Concen: 40.958 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.02 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

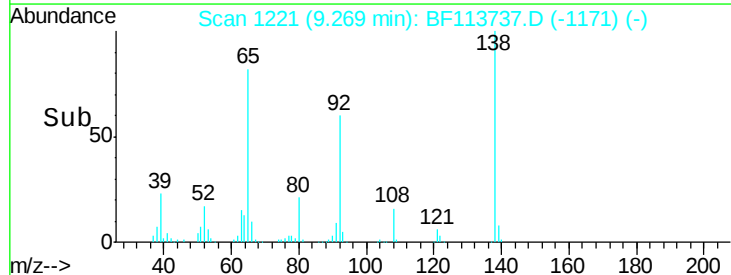
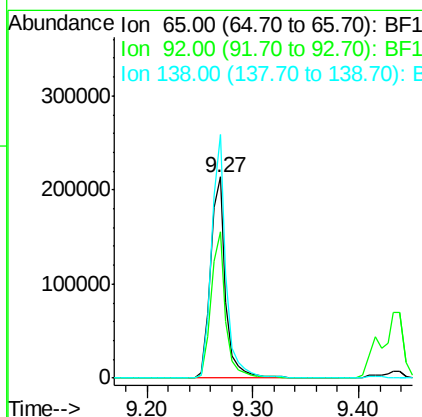
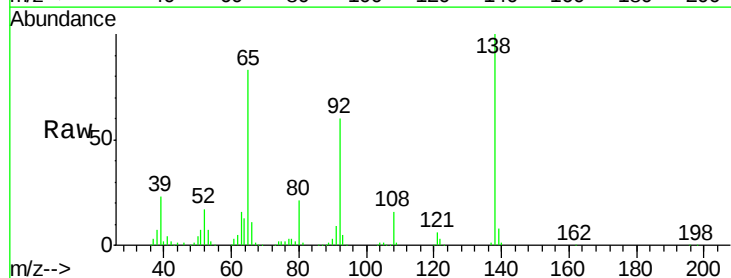
Instrument :
 BNA_F
 ClientSampleId :

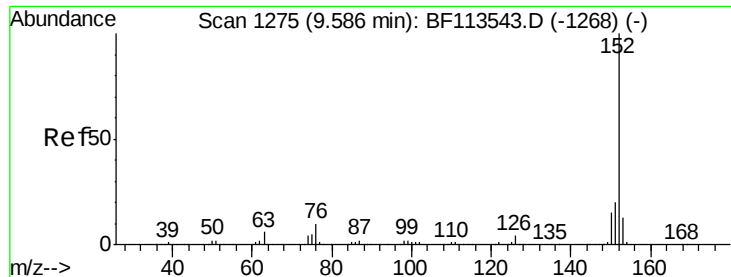
Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	32.6	49.0
164	32.5	26.6	39.8



#48
 2-Nitroaniline
 Concen: 42.719 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.9	56.8	85.2
138	121.0	92.3	138.5

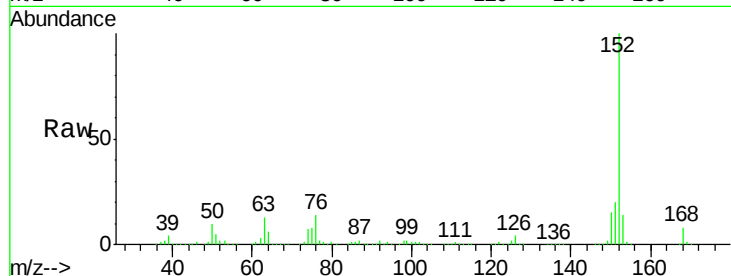




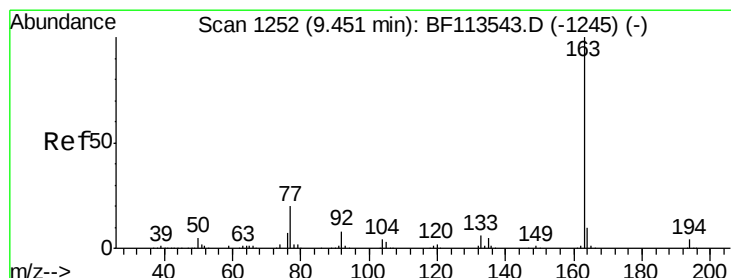
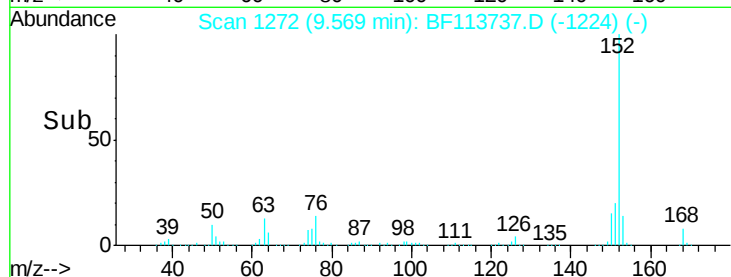
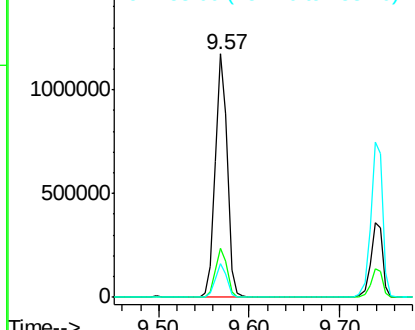
#49
Acenaphthylene
Concen: 40.270 ng
RT: 9.57 min Scan# 1272
Delta R.T. -0.02 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 1081589
Ion Ratio Lower Upper
152 100
151 20.1 16.2 24.4
153 13.6 11.0 16.6

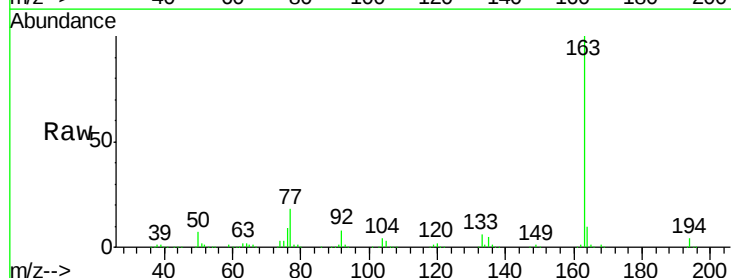


Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E

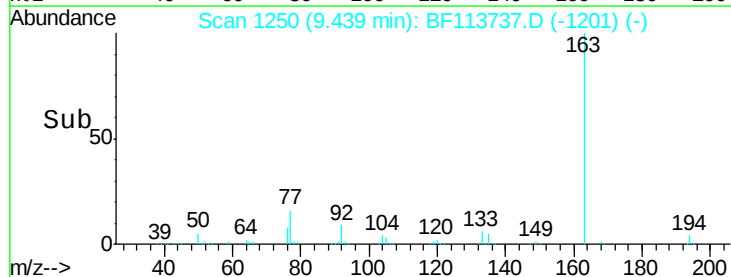
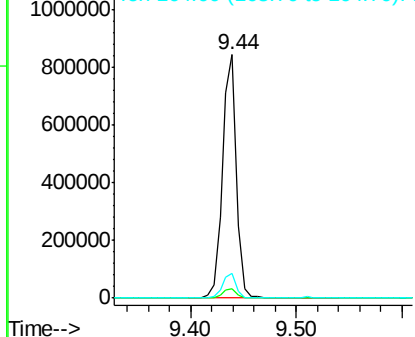


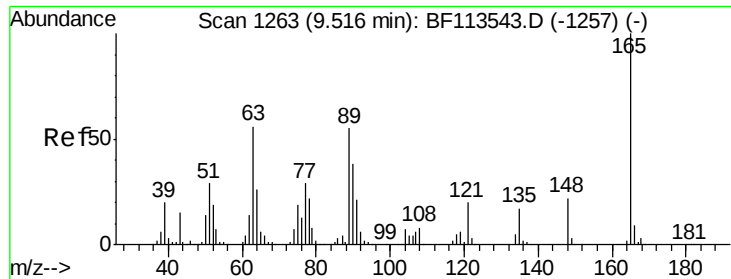
#50
Dimethylphthalate
Concen: 39.754 ng
RT: 9.44 min Scan# 1250
Delta R.T. -0.01 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Tgt Ion:163 Resp: 774687
Ion Ratio Lower Upper
163 100
194 4.1 3.0 4.6
164 10.3 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.336 ng

RT: 9.51 min Scan# 1262

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampleId :

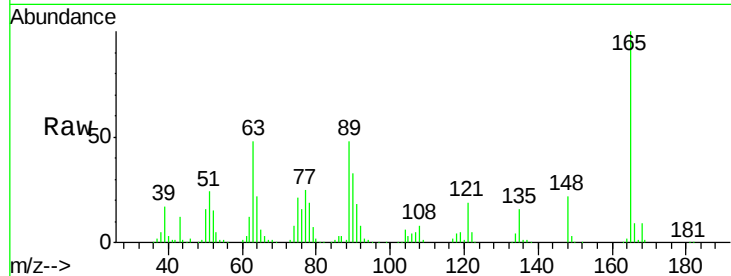
Tot Ion:165 Resp: 177558

Ion Ratio Lower Upper

165 100

63 47.6 43.4 65.0

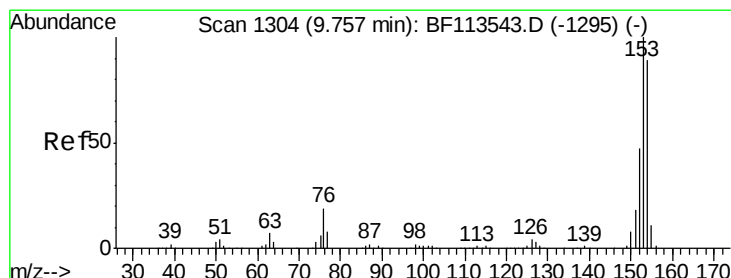
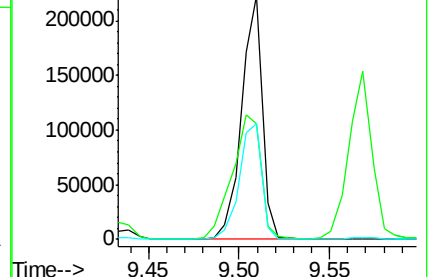
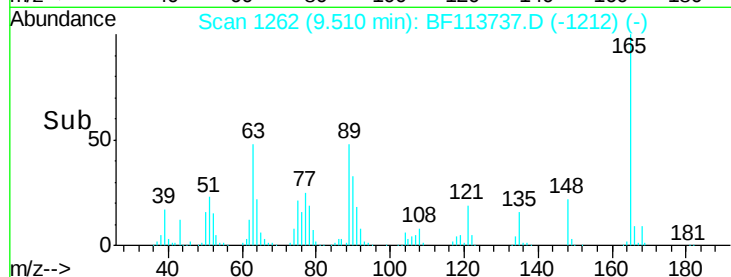
89 47.7 43.1 64.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 41.142 ng

RT: 9.74 min Scan# 1301

Delta R.T. -0.02 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

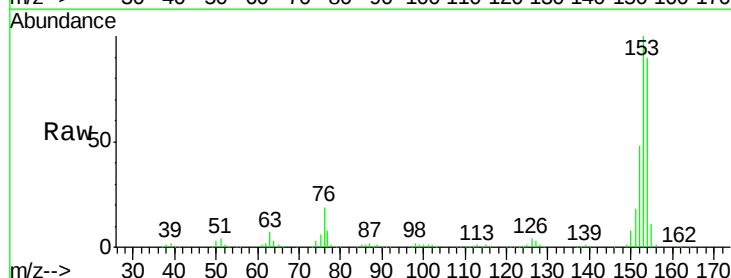
Tgt Ion:154 Resp: 632526

Ion Ratio Lower Upper

154 100

153 111.1 89.5 134.3

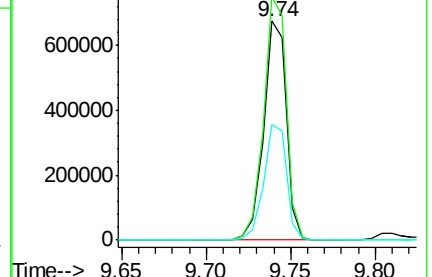
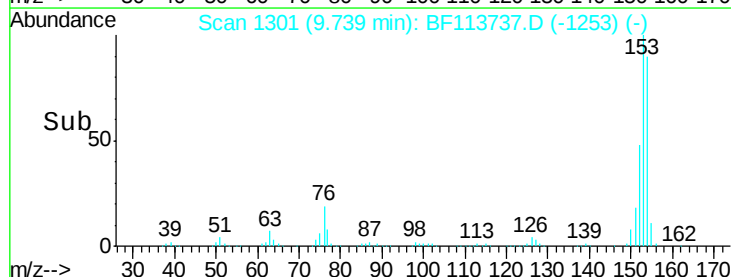
152 52.9 43.3 64.9

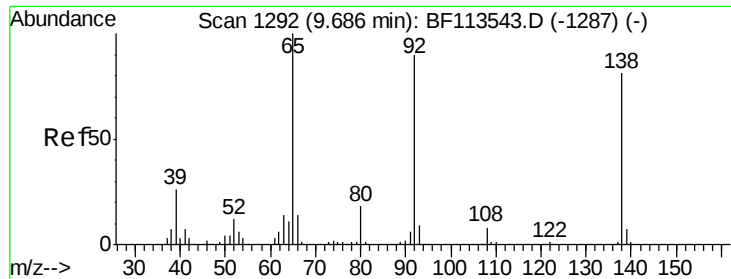


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

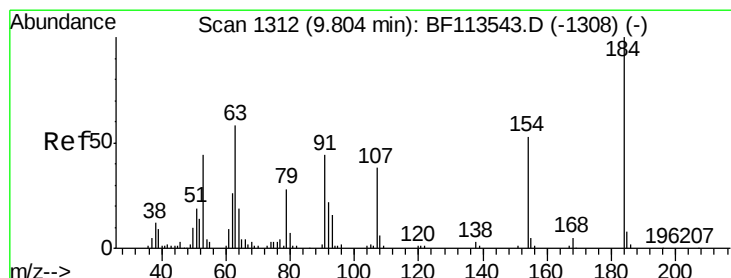
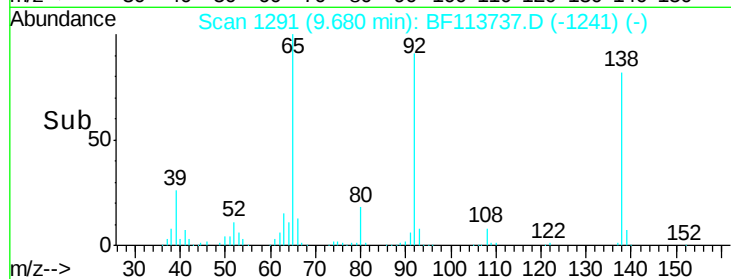
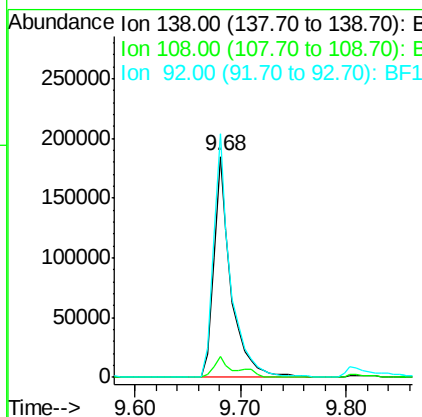
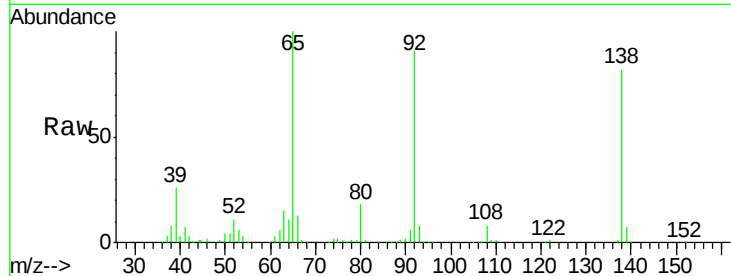




#53
3-Nitroaniline
Concen: 43.214 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.01 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

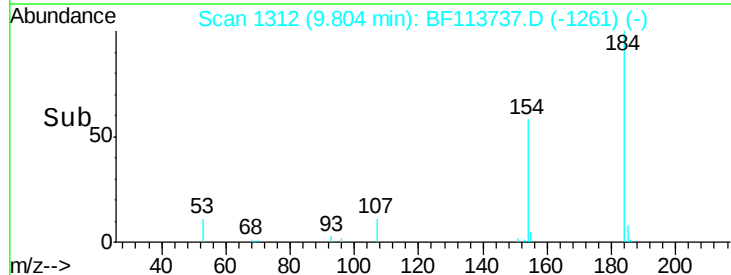
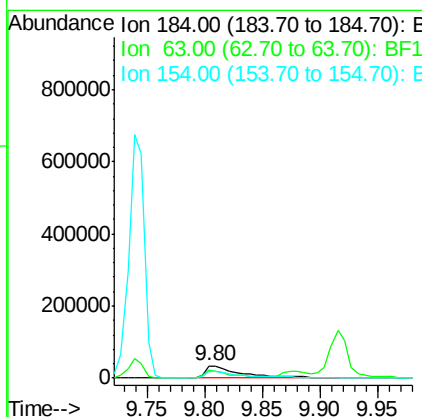
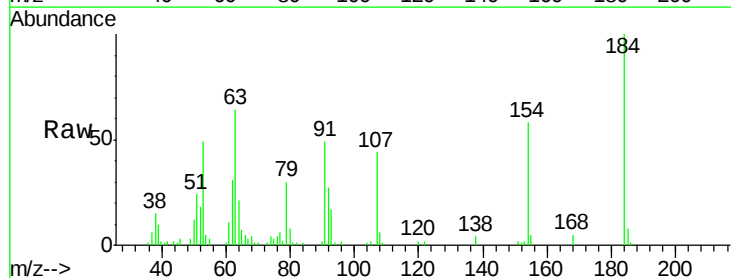
Instrument :
BNA_F
ClientSampleId :

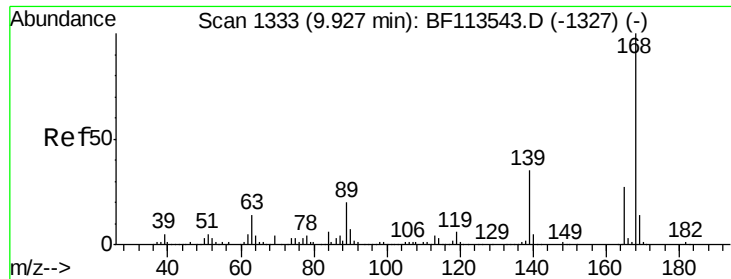
Tot Ion:138 Resp: 211044
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.6
92 110.3 82.6 124.0



#54
2,4-Dinitrophenol
Concen: 37.864 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.00 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Tgt Ion:184 Resp: 76092
Ion Ratio Lower Upper
184 100
63 64.1 54.3 81.5
154 58.3 48.4 72.6

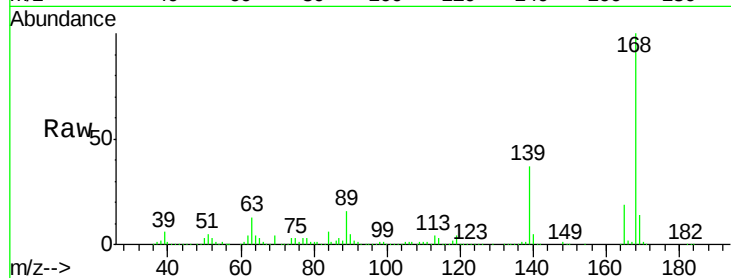




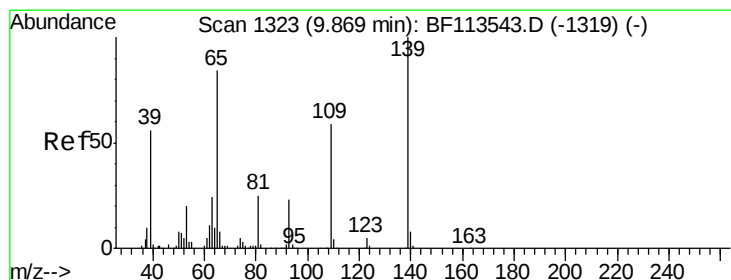
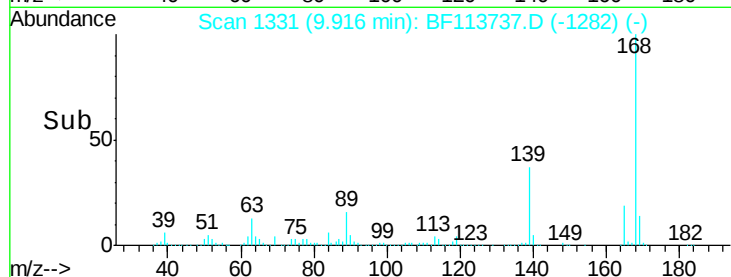
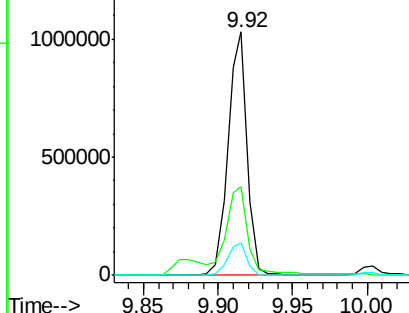
#55
Dibenzofuran
Concen: 41.427 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Instrument :
BNA_F
ClientSampled :

Tot Ion:168 Resp: 934291
Ion Ratio Lower Upper
168 100
139 36.7 29.7 44.5
169 13.5 10.7 16.1

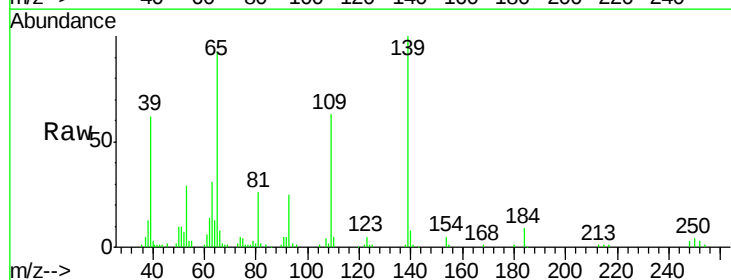


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

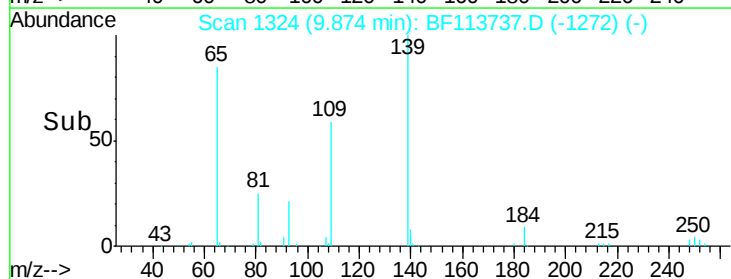
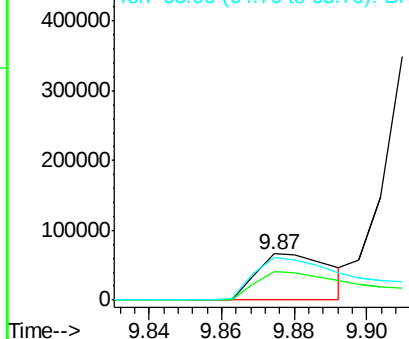


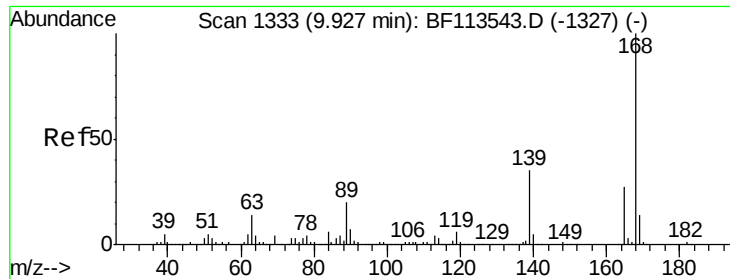
#56
4-Nitrophenol
Concen: 31.147 ng
RT: 9.87 min Scan# 1324
Delta R.T. 0.01 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Tgt Ion:139 Resp: 94358
Ion Ratio Lower Upper
139 100
109 62.6 46.9 86.9
65 92.9 77.2 117.2



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

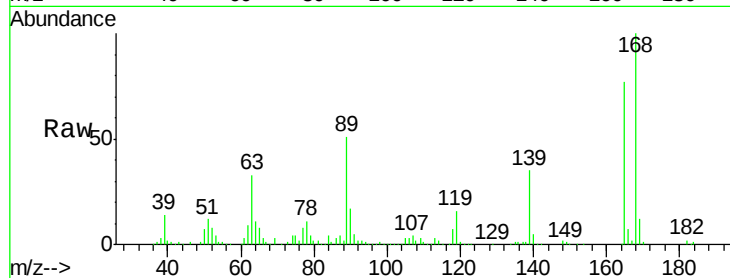




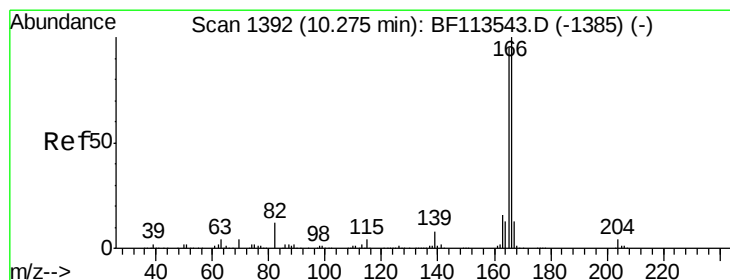
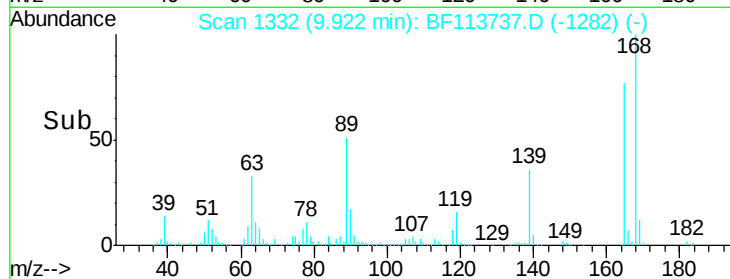
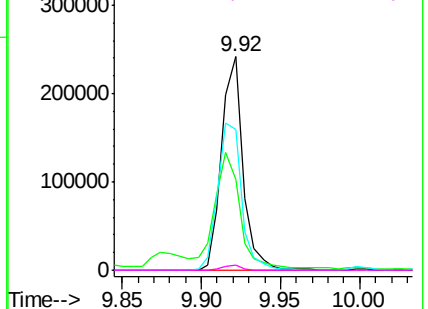
#57
 2,4-Dinitrotoluene
 Concen: 43.721 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.01 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	165	Resp:	227133
Ion	Ratio	Lower	Upper
165	100		
63	42.3	37.5	56.3
89	66.0	57.4	86.2
182	2.7	2.0	3.0

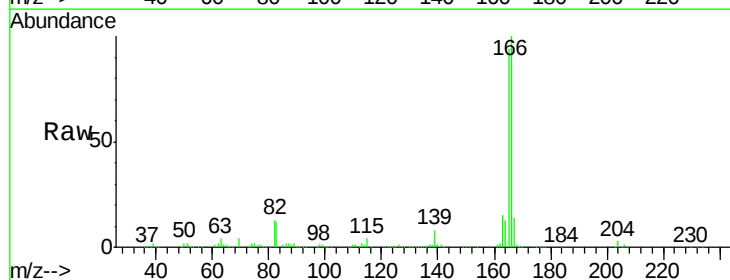


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1
 Ion 182.00 (181.70 to 182.70): E

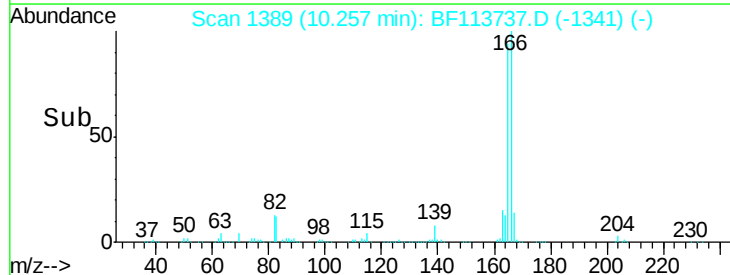
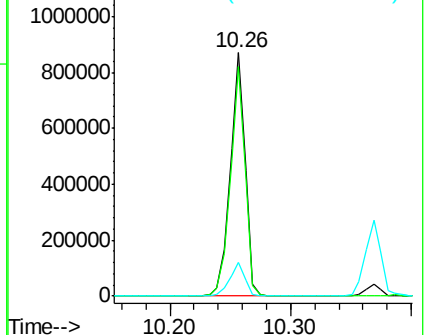


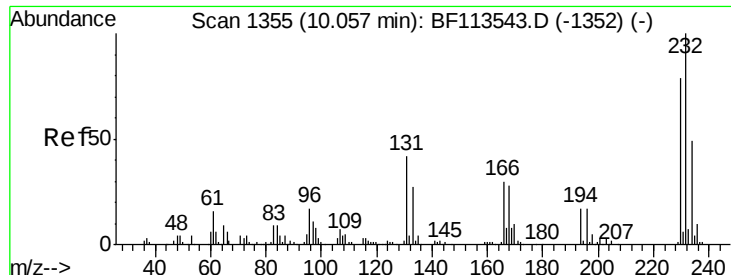
#58
 Fluorene
 Concen: 41.673 ng
 RT: 10.26 min Scan# 1389
 Delta R.T. -0.02 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Tgt Ion:	166	Resp:	743336
Ion	Ratio	Lower	Upper
166	100		
165	94.3	76.2	114.2
167	13.8	10.7	16.1



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E

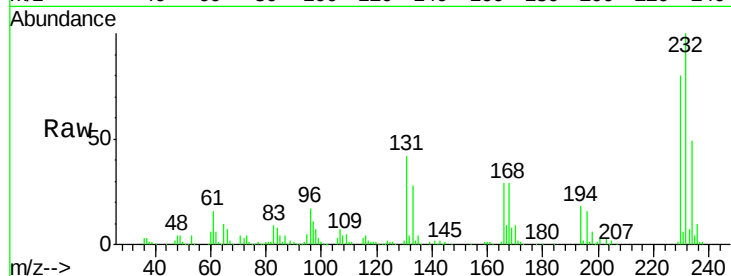




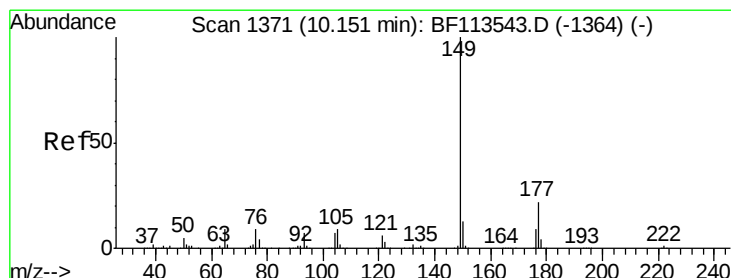
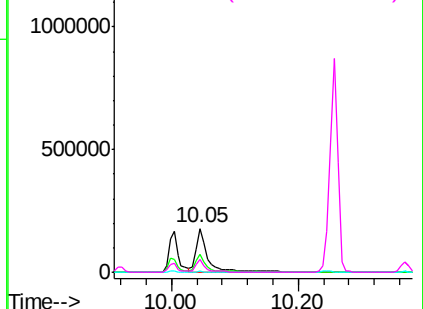
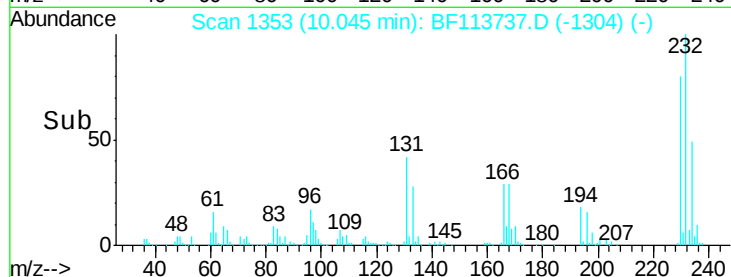
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.107 ng
 RT: 10.05 min Scan# 1353
 Delta R.T. -0.01 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:	232	Resp:	221205
Ion	Ratio	Lower	Upper
232	100		
131	37.8	33.2	49.8
130	1.8	1.6	2.4
166	24.1	21.0	31.6

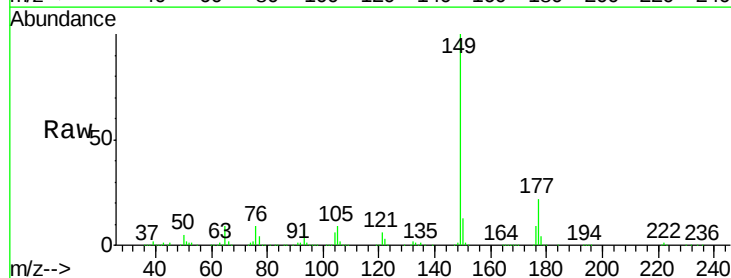


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

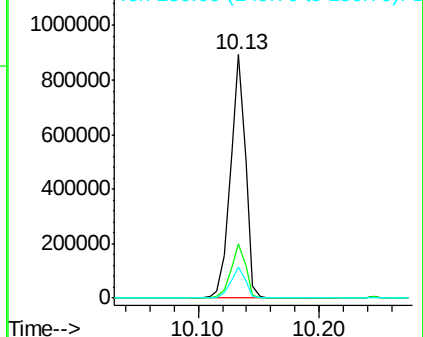
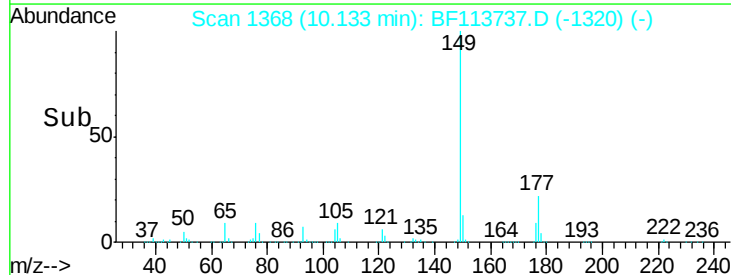


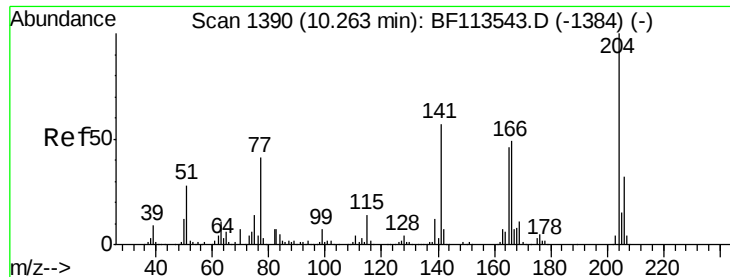
#60
 Diethylphthalate
 Concen: 40.965 ng
 RT: 10.13 min Scan# 1368
 Delta R.T. -0.02 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Tgt Ion:	149	Resp:	769650
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.4	26.0
150	12.8	10.0	15.0



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

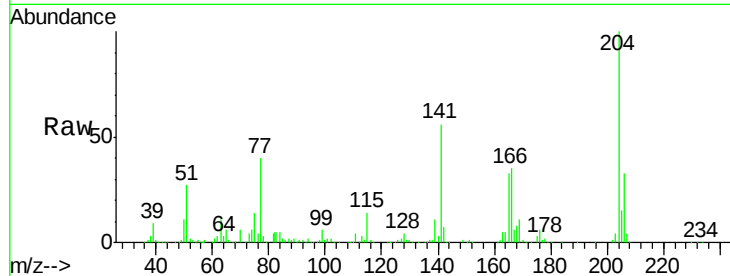




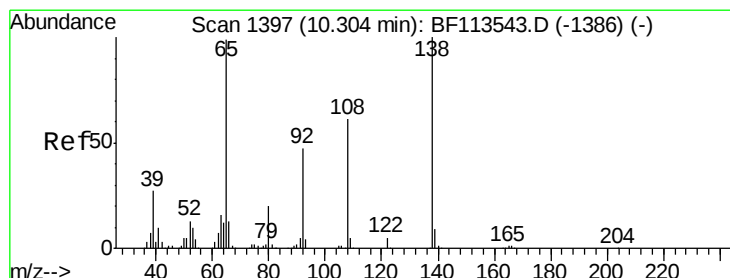
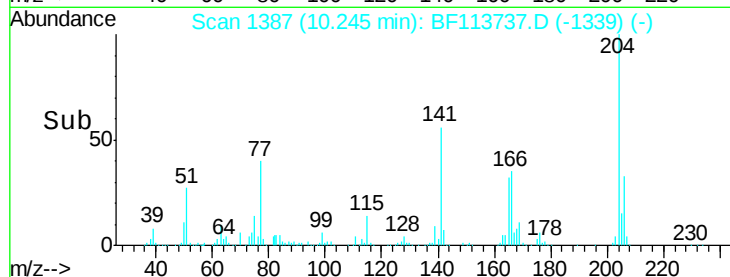
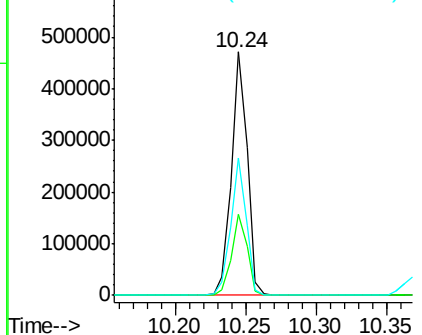
#61
4-Chlorophenyl-phenylether
Concen: 41.967 ng
RT: 10.24 min Scan# 1387
Delta R.T. -0.02 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:204 Resp: 368201
Ion Ratio Lower Upper
204 100
206 33.3 26.9 40.3
141 56.3 48.8 73.2

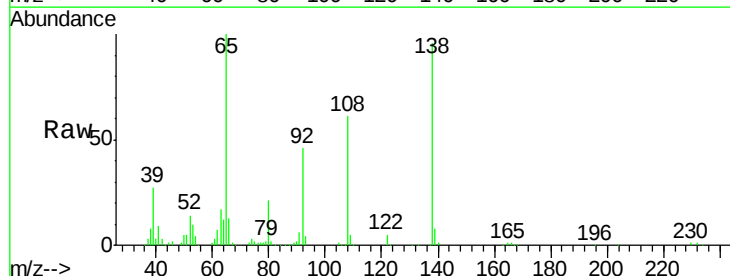


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

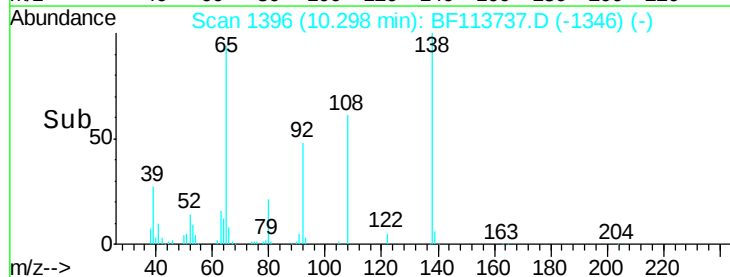
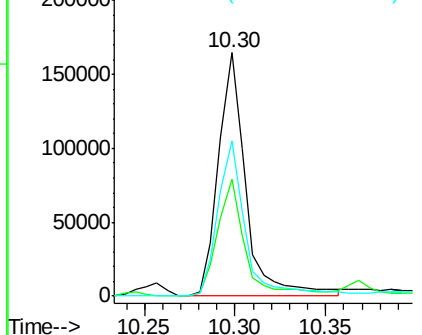


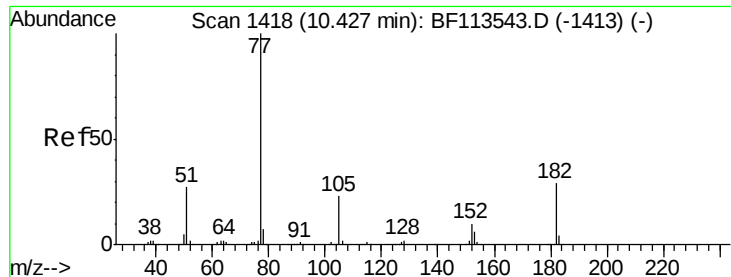
#62
4-Nitroaniline
Concen: 35.191 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Tgt Ion:138 Resp: 174766
Ion Ratio Lower Upper
138 100
92 47.8 25.8 65.8
108 63.6 44.0 84.0



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

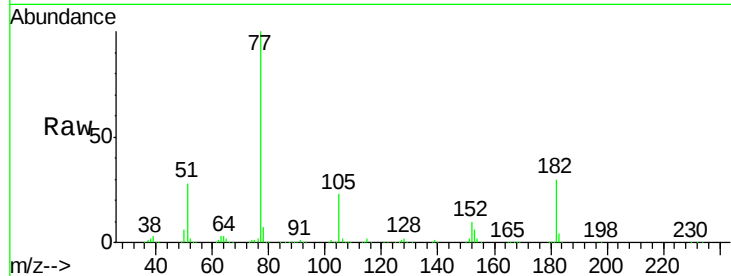




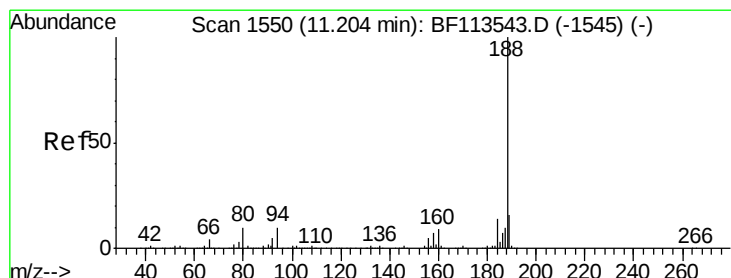
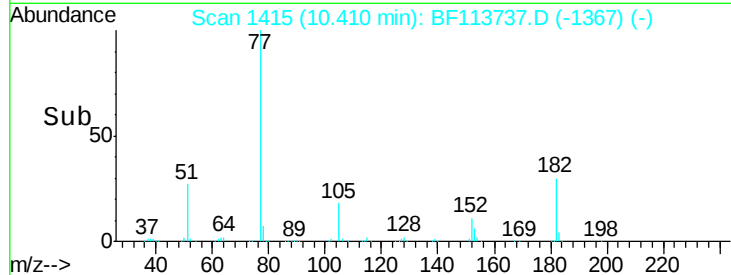
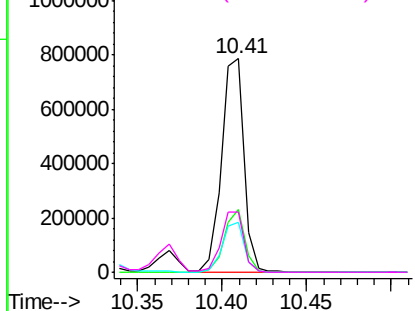
#63
Azobenzene
Concen: 40.594 ng
RT: 10.41 min Scan# 1415
Delta R.T. -0.02 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	77	Resp:	722148
Ion	Ratio	Lower	Upper
77	100		
182	29.5	8.7	48.7
105	23.4	2.9	42.9
51	28.2	8.8	48.8

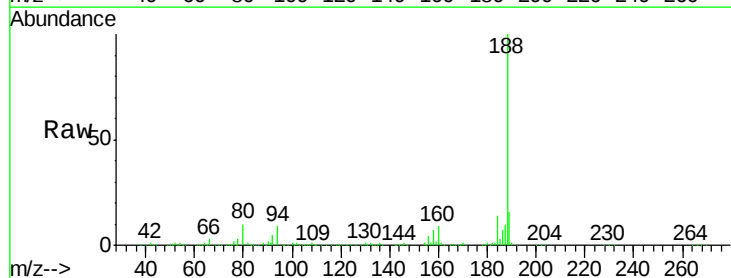


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): BF1
Ion 105.00 (104.70 to 105.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

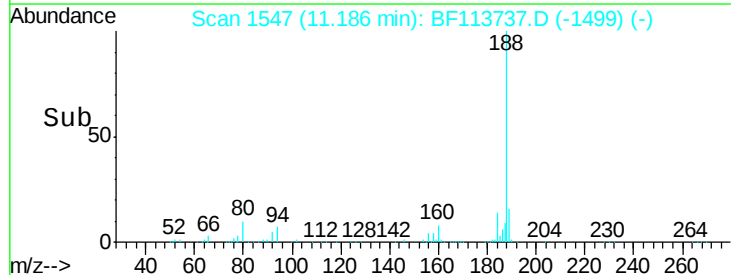
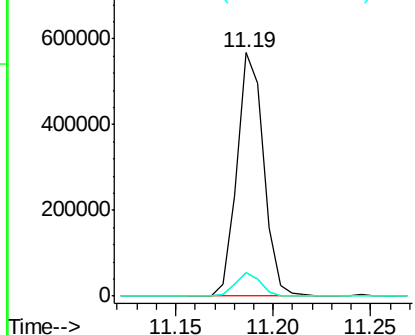


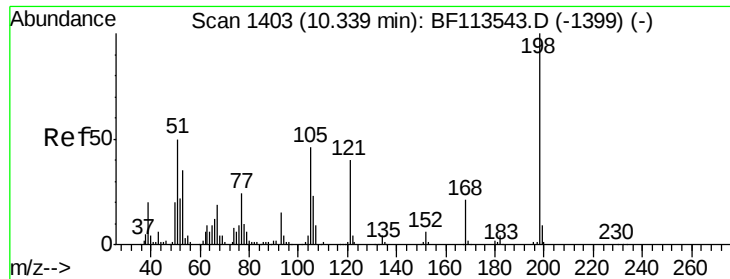
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1547
Delta R.T. -0.02 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Tgt Ion:	188	Resp:	539648
Ion	Ratio	Lower	Upper
188	100		
94	9.4	7.0	10.6
80	9.8	7.7	11.5



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: 40.491 ng

RT: 10.33 min Scan# 1402

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampleId :

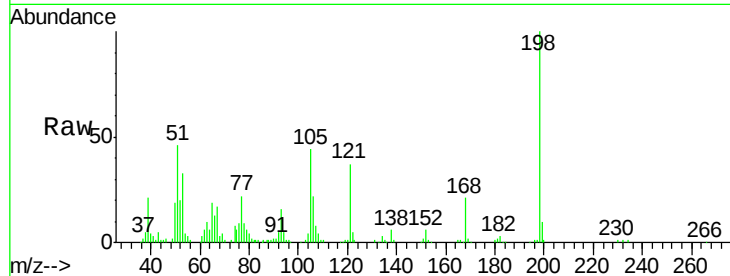
Tot Ion:198 Resp: 115034

Ion Ratio Lower Upper

198 100

51 45.6 21.6 61.6

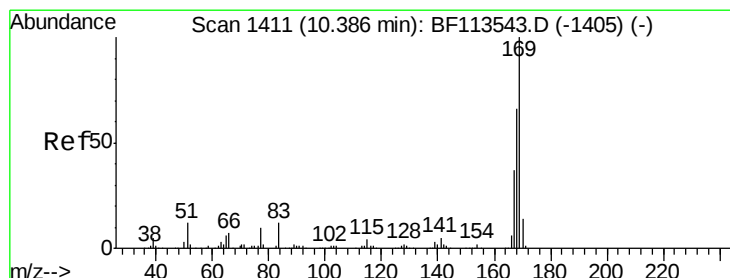
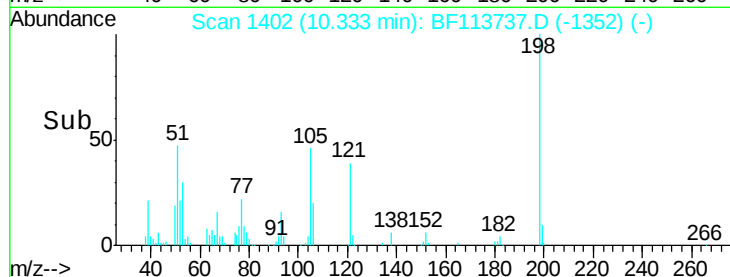
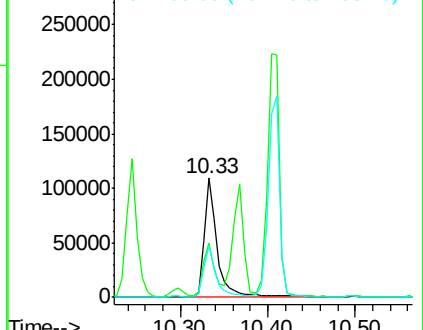
105 43.9 20.6 60.6



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.306 ng

RT: 10.37 min Scan# 1408

Delta R.T. -0.02 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

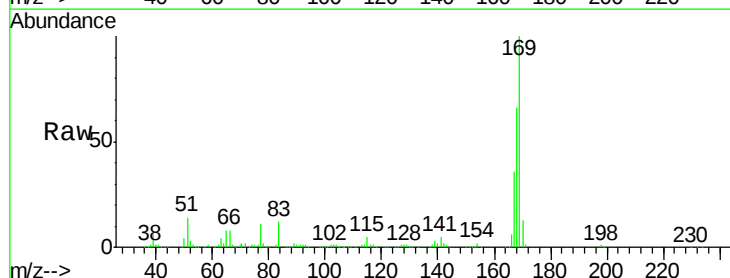
Tgt Ion:169 Resp: 667737

Ion Ratio Lower Upper

169 100

168 65.9 53.7 80.5

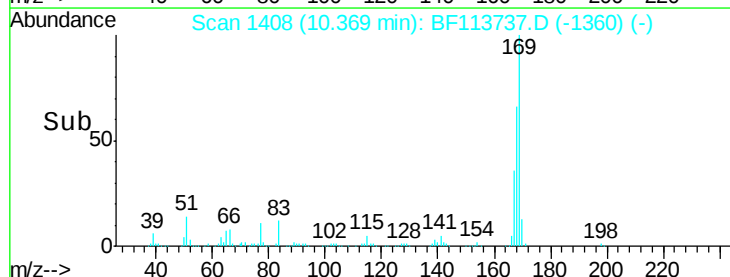
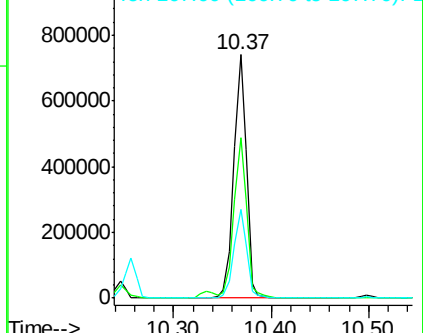
167 36.4 29.5 44.3

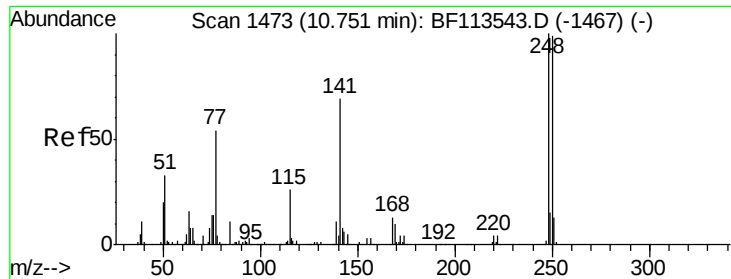


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

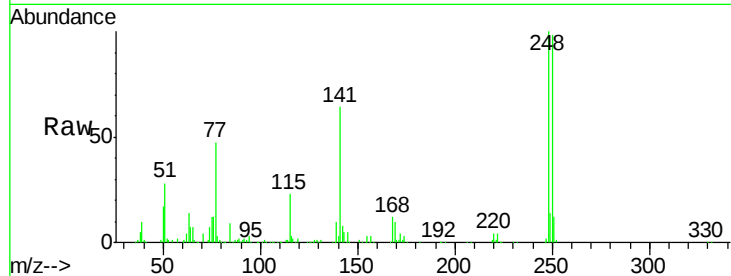




#67
4-Bromophenyl-phenylether
Concen: 40.206 ng
RT: 10.73 min Scan# 1470
Delta R.T. -0.02 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	78.3	117.5
141	63.7	56.2	84.4

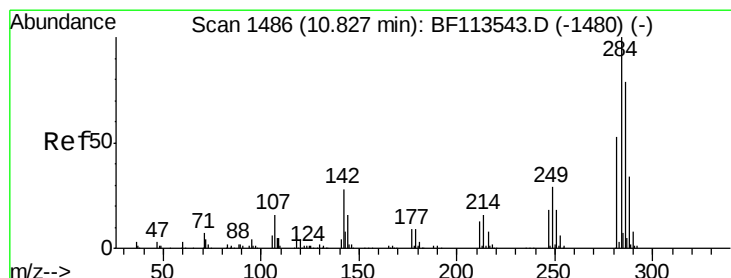
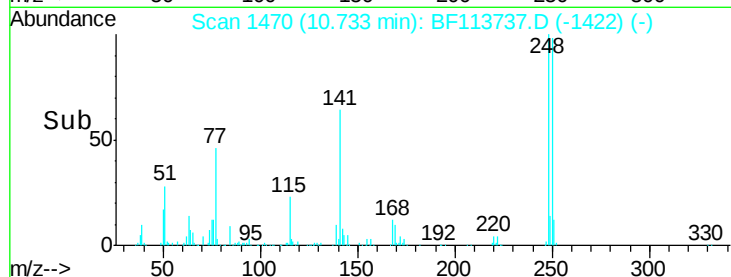
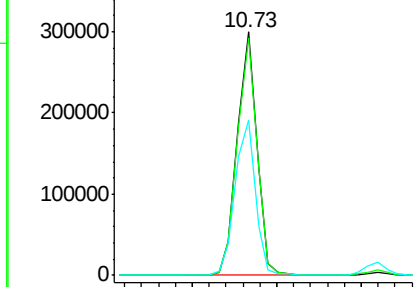


Abundance

Ion 248.00 (247.70 to 248.70): E

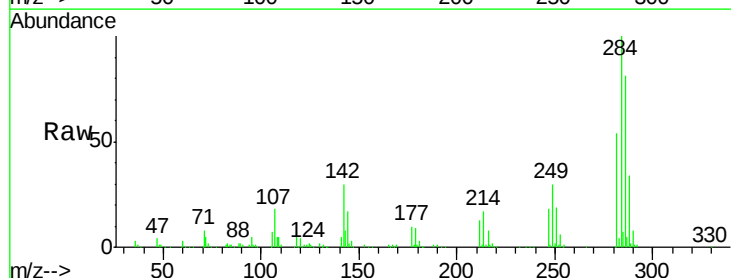
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.999 ng
RT: 10.81 min Scan# 1483
Delta R.T. -0.02 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	20.1	30.1
249	30.0	22.7	34.1

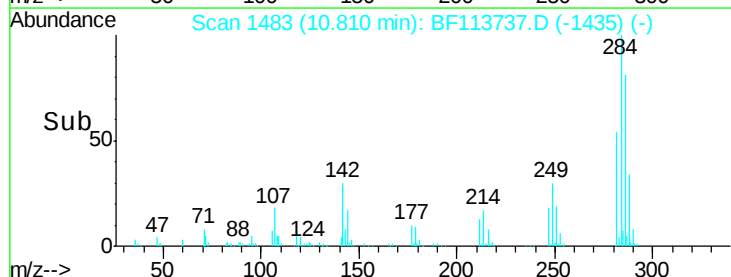
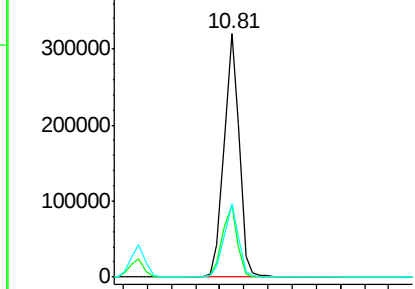


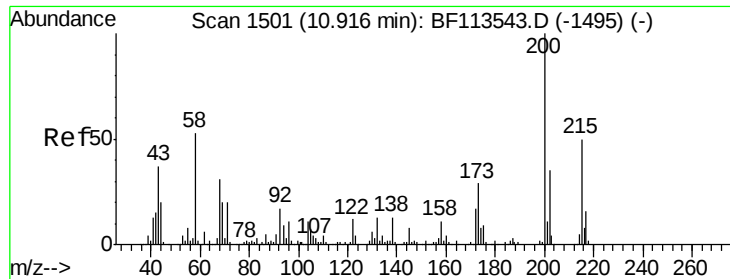
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

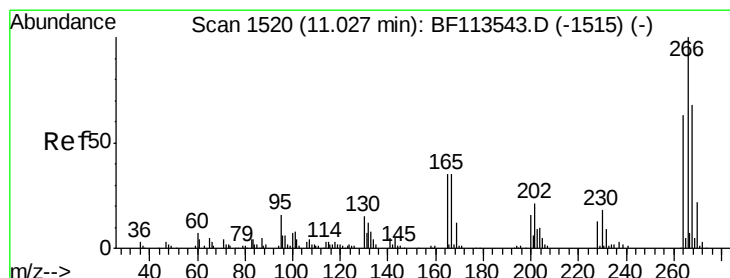
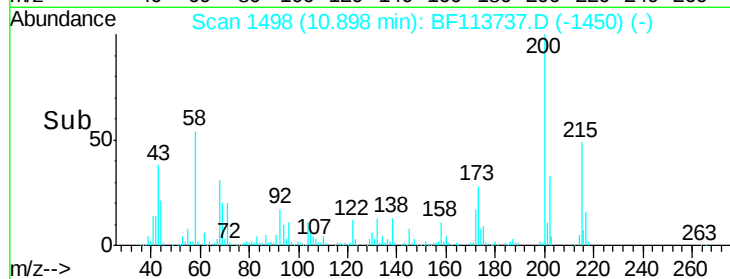
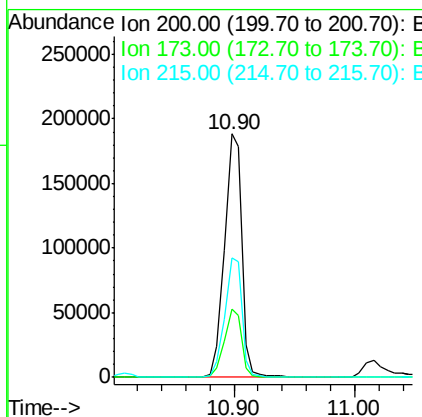
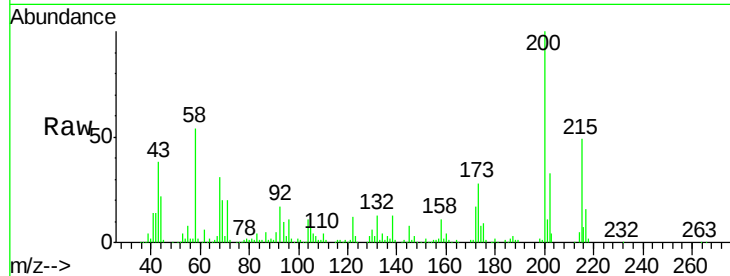




#69
 Atrazine
 Concen: 35.892 ng
 RT: 10.90 min Scan# 1498
 Delta R.T. -0.02 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

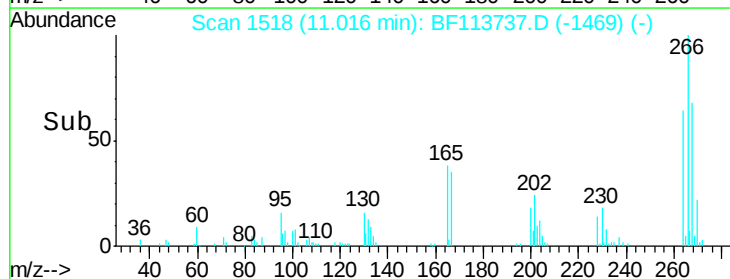
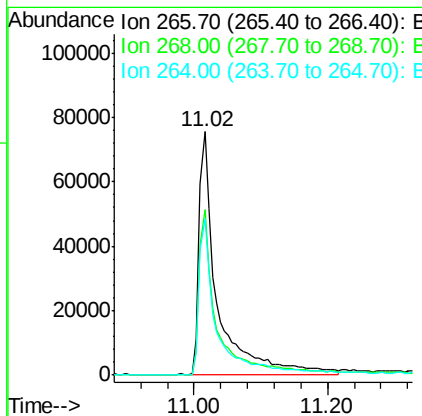
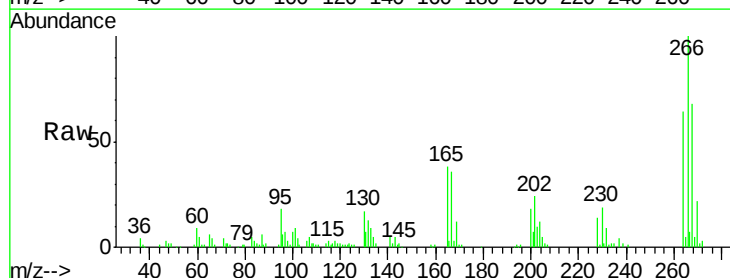
Instrument :
 BNA_F
 ClientSampleId :

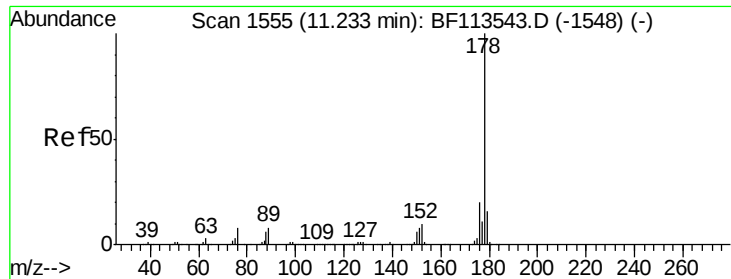
Tot Ion:	200	Resp:	187421
Ion	Ratio	Lower	Upper
200	100		
173	28.2	6.0	46.0
215	48.8	31.3	71.3



#70
 Pentachlorophenol
 Concen: 43.664 ng
 RT: 11.02 min Scan# 1518
 Delta R.T. -0.01 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Tgt Ion:	266	Resp:	142686
Ion	Ratio	Lower	Upper
266	100		
268	68.2	53.8	80.6
264	64.4	49.2	73.8

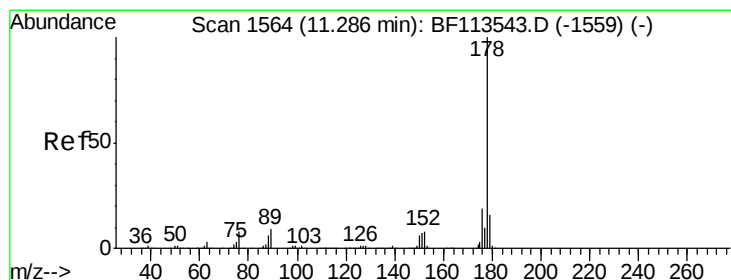
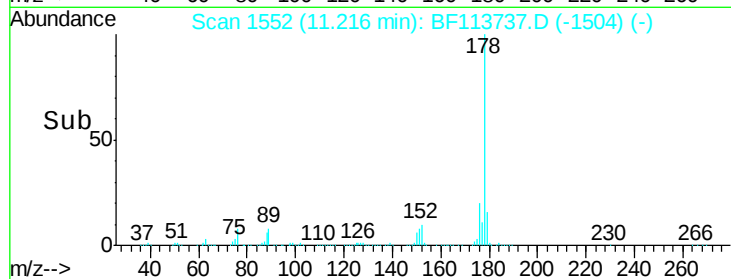
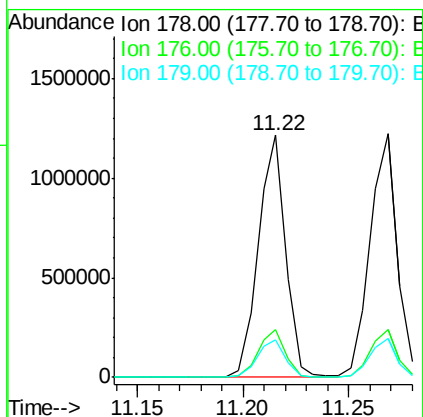
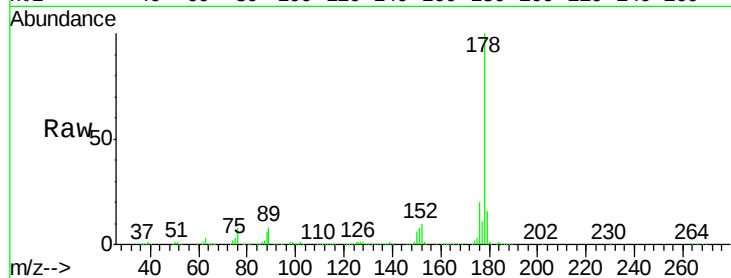




#71
Phenanthrene
Concen: 40.831 ng
RT: 11.22 min Scan# 1552
Delta R.T. -0.02 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

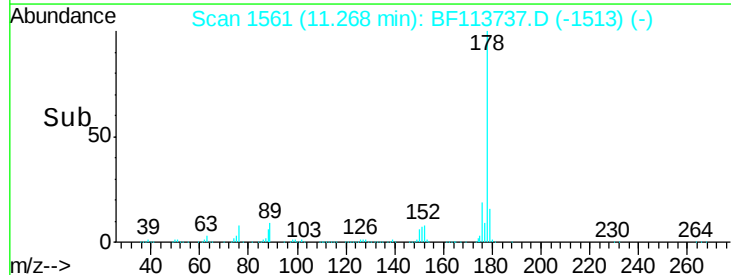
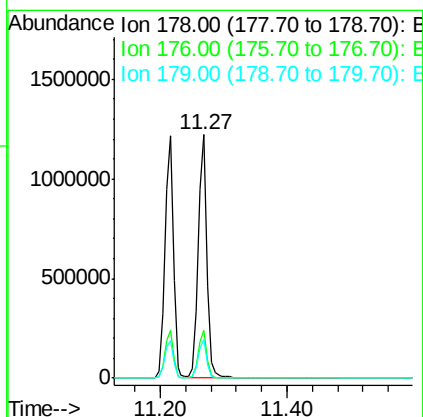
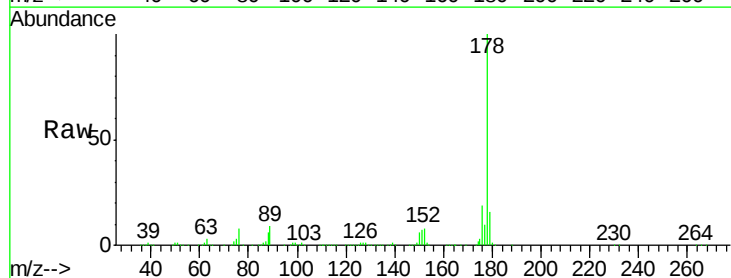
Instrument :
BNA_F
ClientSampleId :

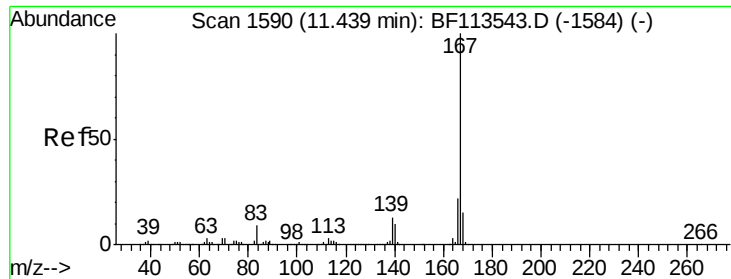
Tot Ion:178 Resp: 1094905
Ion Ratio Lower Upper
178 100
176 20.0 16.2 24.2
179 15.7 12.7 19.1



#72
Anthracene
Concen: 41.185 ng
RT: 11.27 min Scan# 1561
Delta R.T. -0.02 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Tgt Ion:178 Resp: 1123650
Ion Ratio Lower Upper
178 100
176 19.4 15.4 23.2
179 16.0 12.8 19.2



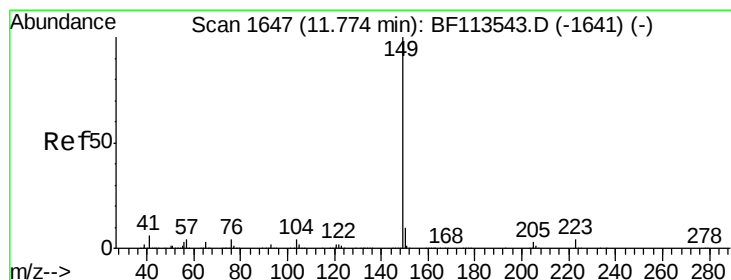
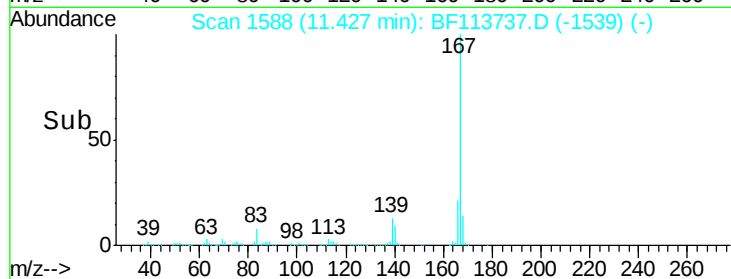
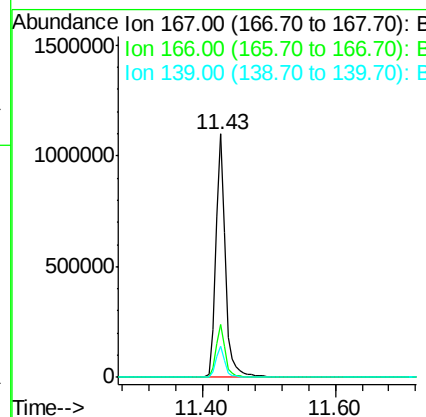
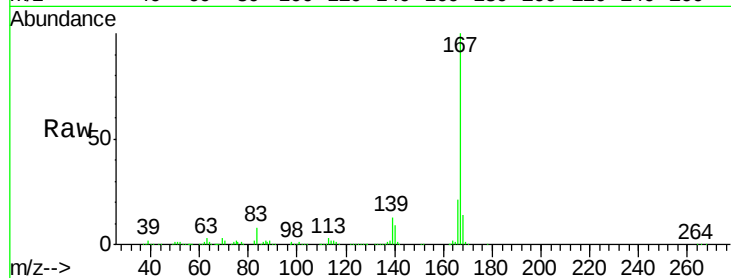


#73
 Carbazole
 Concen: 43.450 ng
 RT: 11.43 min Scan# 1588
 Delta R.T. -0.01 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:167 Resp: 1108717

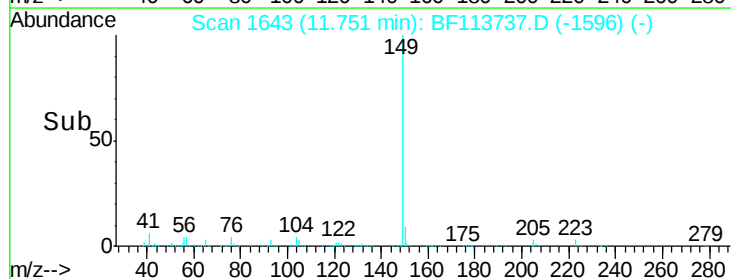
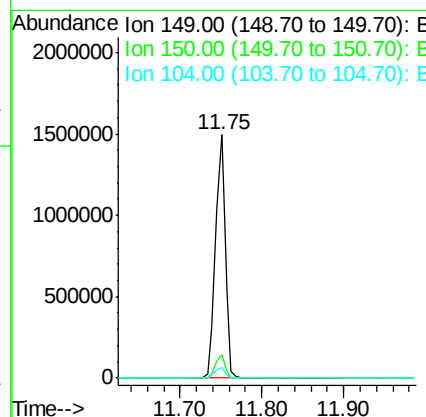
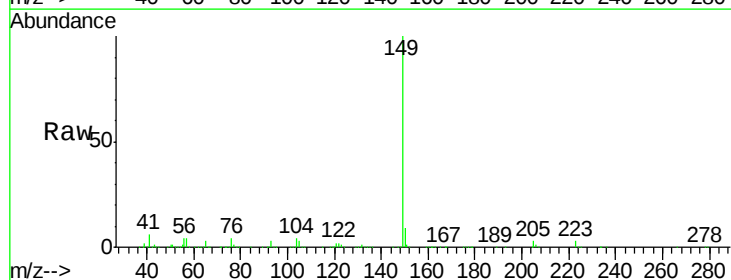
Ion	Ratio	Lower	Upper
167	100		
166	21.5	17.4	26.0
139	12.6	10.4	15.6

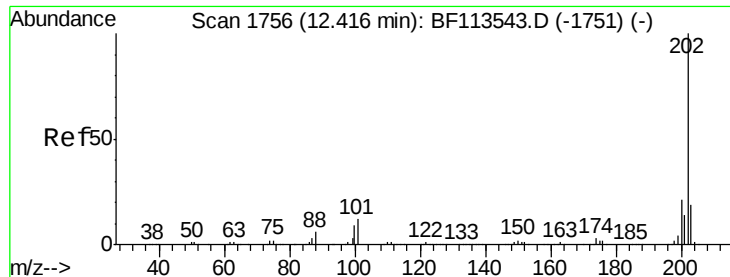


#74
 Di-n-butylphthalate
 Concen: 40.464 ng
 RT: 11.75 min Scan# 1643
 Delta R.T. -0.02 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Tgt Ion:149 Resp: 1228277

Ion	Ratio	Lower	Upper
149	100		
150	9.4	7.7	11.5
104	4.4	3.7	5.5

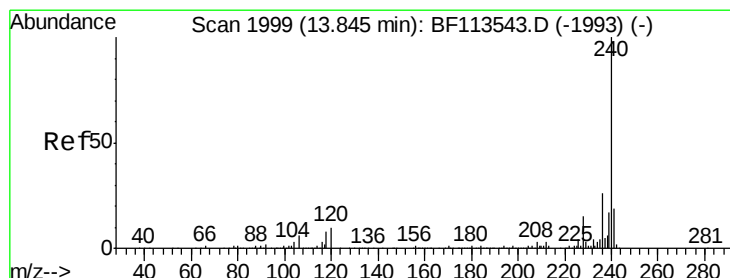
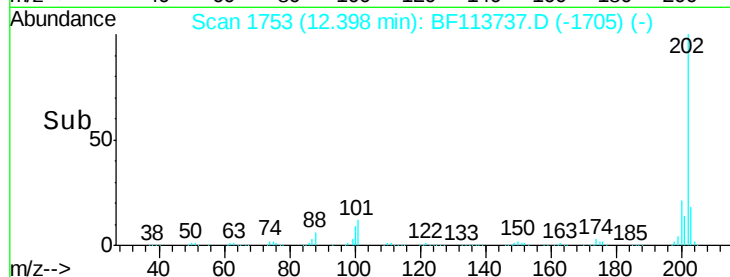
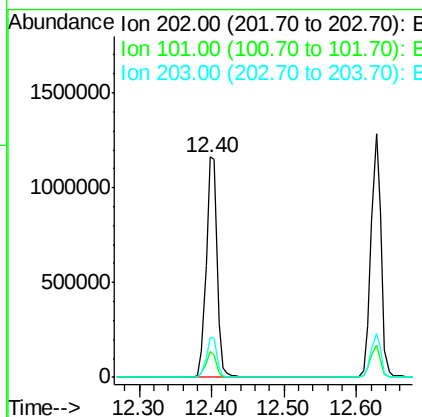
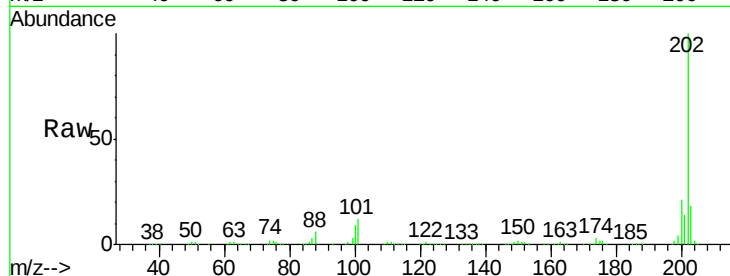




#75
 Fluoranthene
 Concen: 42.343 ng
 RT: 12.40 min Scan# 1753
 Delta R.T. -0.02 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

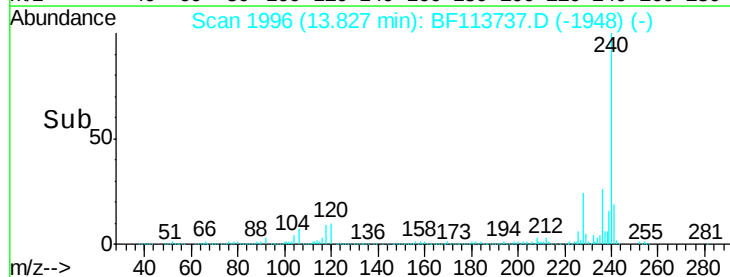
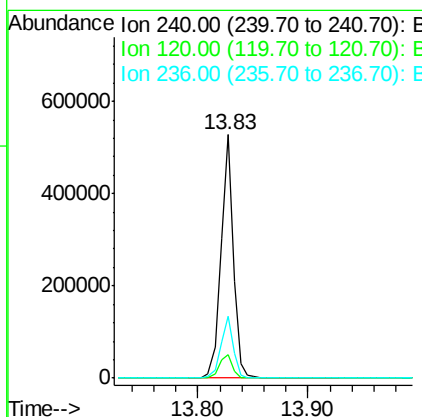
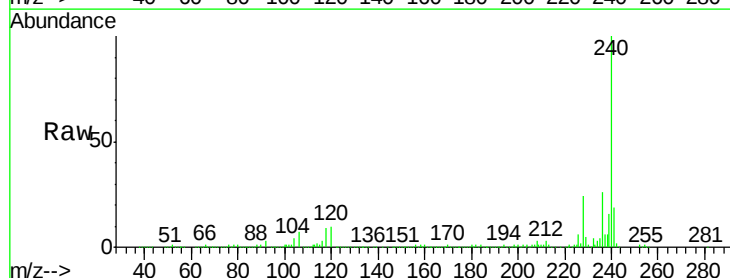
Instrument :
 BNA_F
 ClientSampleId :

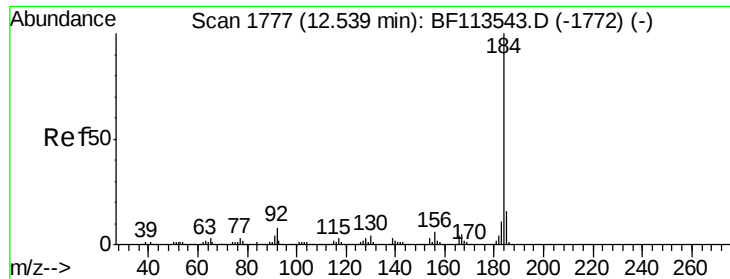
Tot Ion:202 Resp: 1216711
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 31.4
 203 18.3 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1996
 Delta R.T. -0.02 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Tgt Ion:240 Resp: 413245
 Ion Ratio Lower Upper
 240 100
 120 9.9 8.8 13.2
 236 25.6 20.9 31.3





#77

Benzidine

Concen: 39.406 ng

RT: 12.53 min Scan# 1775

Delta R.T. -0.01 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampleId :

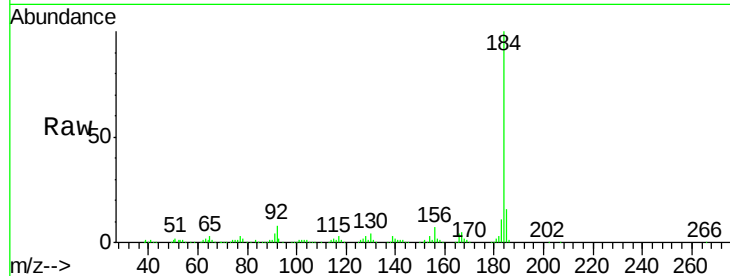
Tot Ion:184 Resp: 605565

Ion Ratio Lower Upper

184 100

185 15.5 13.0 19.6

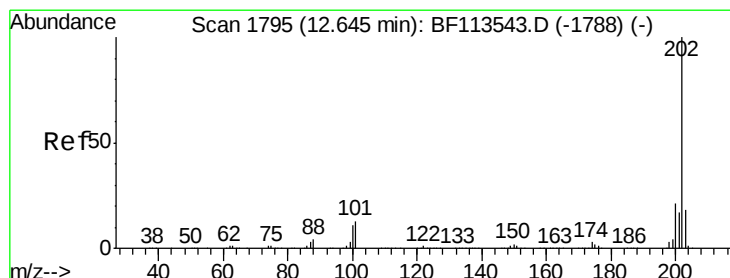
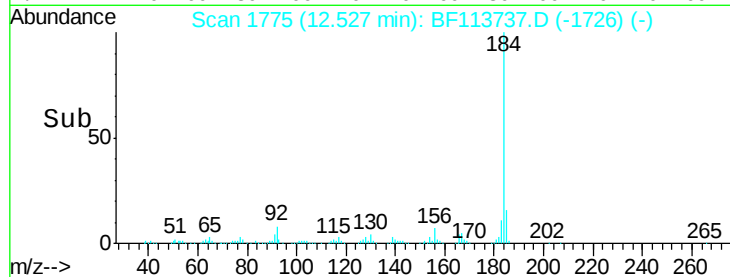
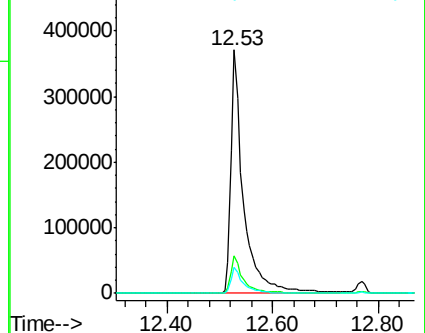
183 10.7 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 39.330 ng

RT: 12.63 min Scan# 1792

Delta R.T. -0.02 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

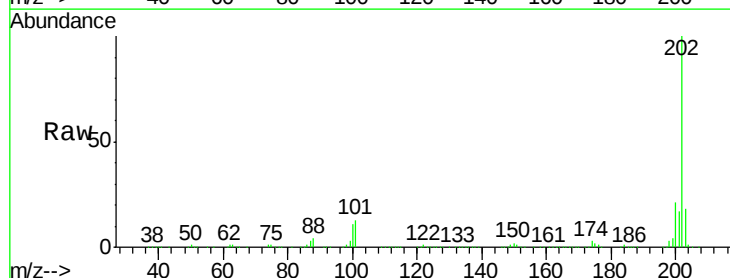
Tgt Ion:202 Resp: 1236679

Ion Ratio Lower Upper

202 100

200 20.9 16.8 25.2

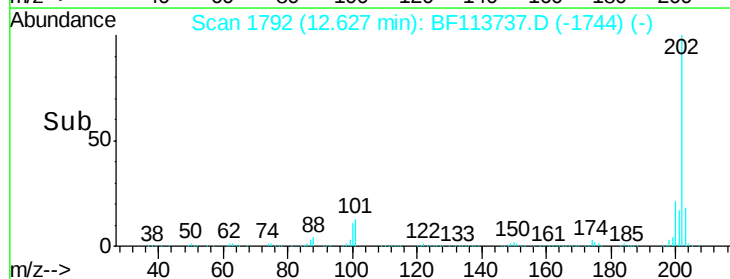
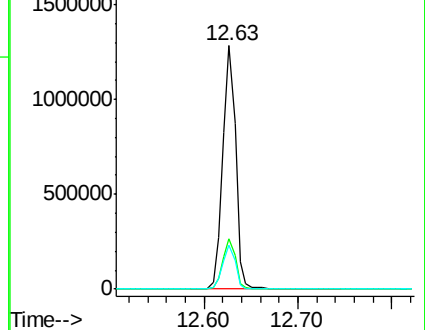
203 18.3 14.4 21.6



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



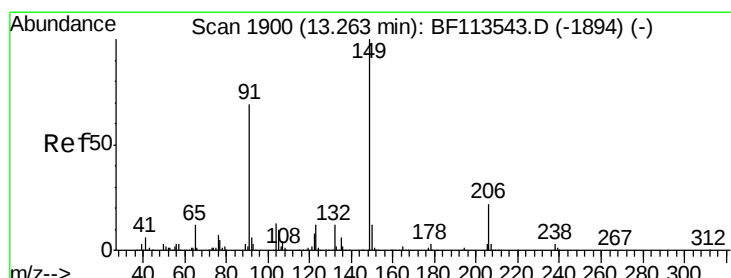
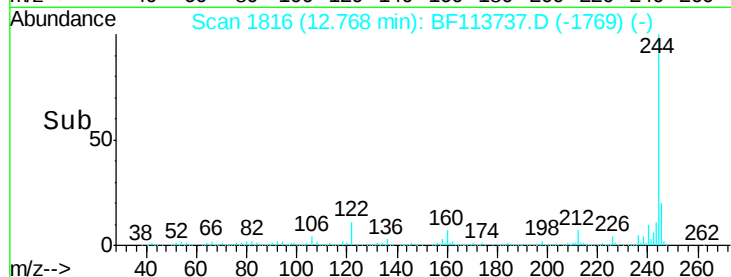
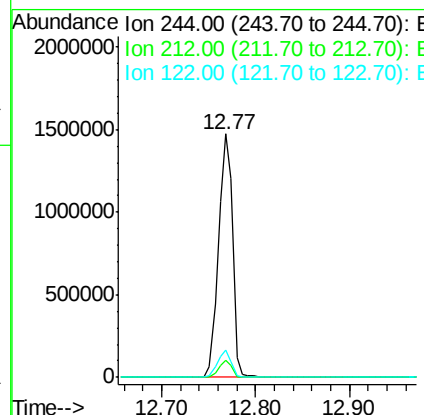
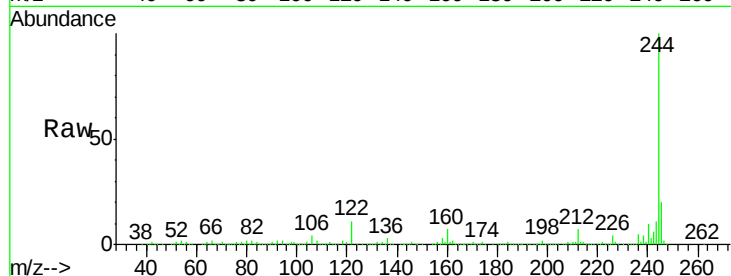


#79
 Terphenyl-d14
 Concen: 77.237 ng
 RT: 12.77 min Scan# 1816
 Delta R.T. -0.02 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1567653

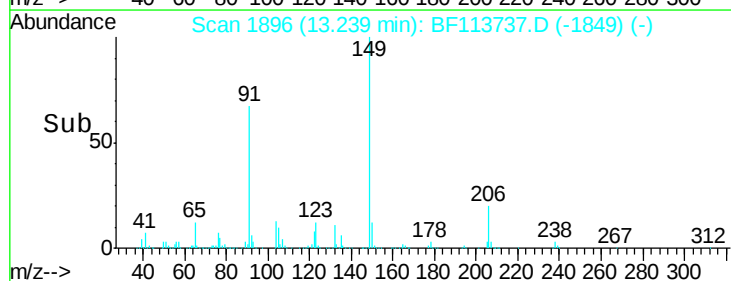
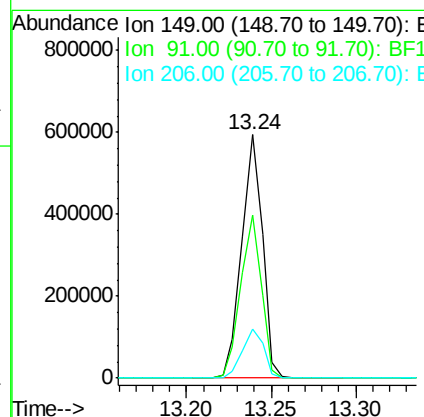
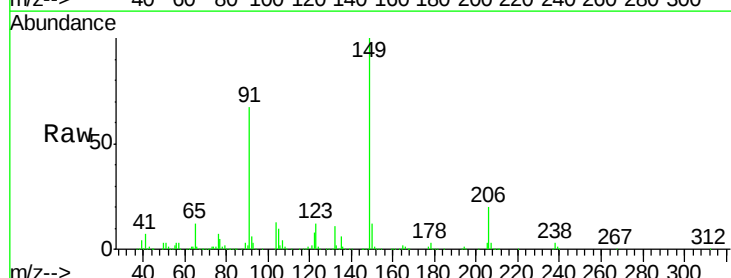
Ion	Ratio	Lower	Upper
244	100		
212	6.9	5.5	8.3
122	11.2	8.6	13.0



#80
 Butylbenzylphthalate
 Concen: 39.720 ng
 RT: 13.24 min Scan# 1896
 Delta R.T. -0.02 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Tgt Ion:149 Resp: 508395

Ion	Ratio	Lower	Upper
149	100		
91	67.1	55.2	82.8
206	20.4	16.1	24.1





#81

Benzo(a)anthracene

Concen: 41.636 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.02 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampled :

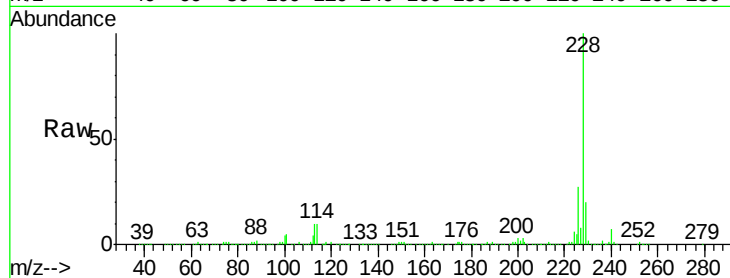
Tot Ion:228 Resp: 992538

Ion Ratio Lower Upper

228 100

226 27.0 21.8 32.8

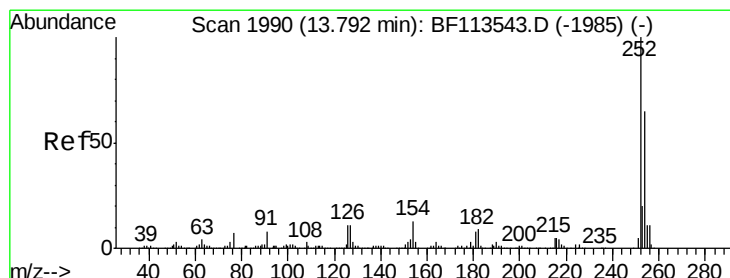
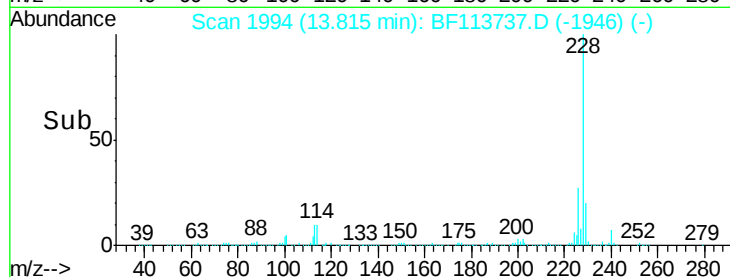
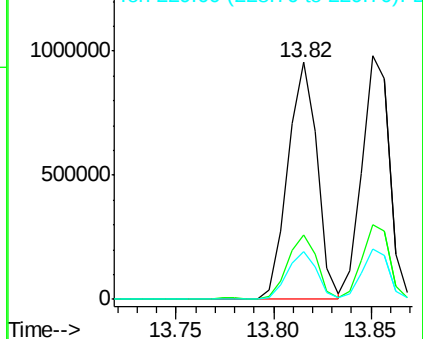
229 20.1 16.2 24.4



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: 37.861 ng

RT: 13.77 min Scan# 1987

Delta R.T. -0.02 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

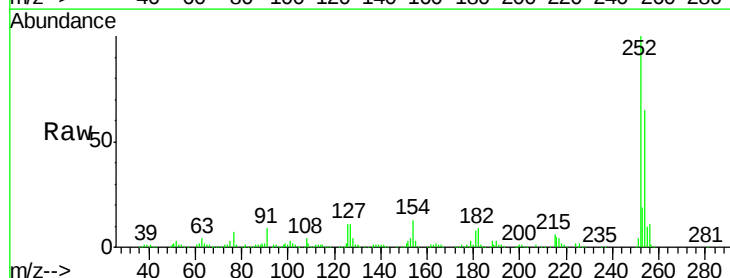
Tgt Ion:252 Resp: 347626

Ion Ratio Lower Upper

252 100

254 65.2 52.2 78.2

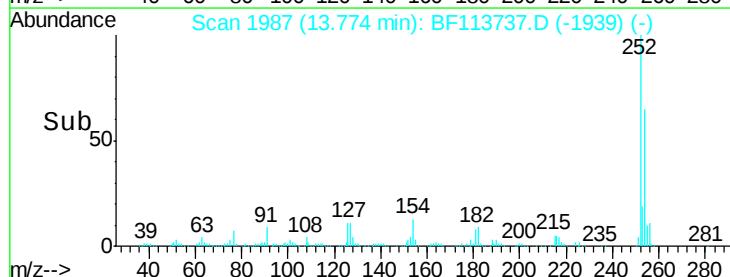
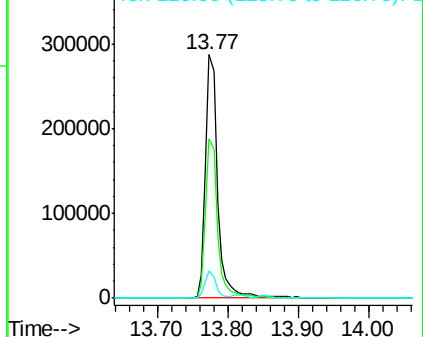
126 11.4 8.5 12.7

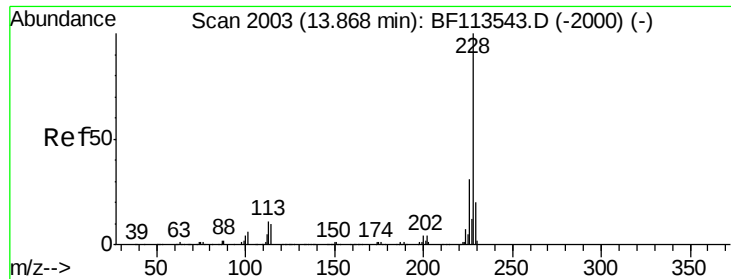


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

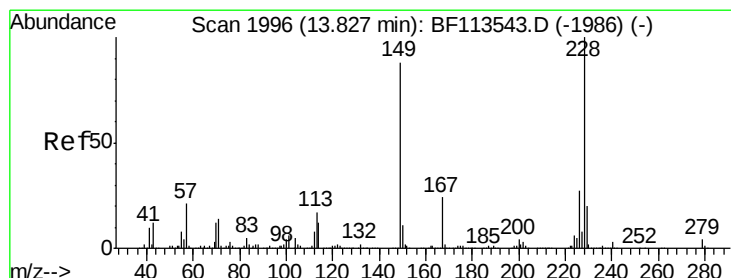
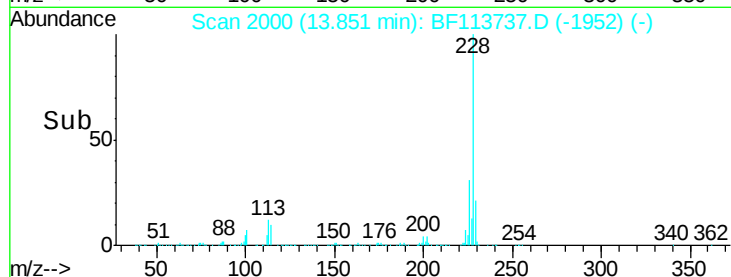
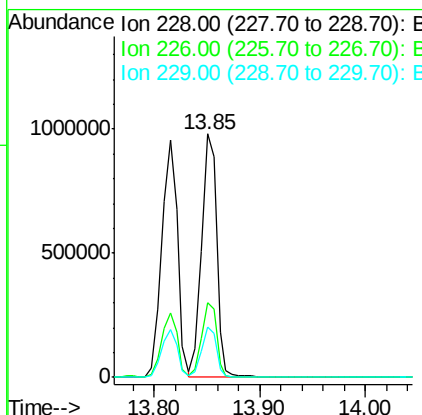
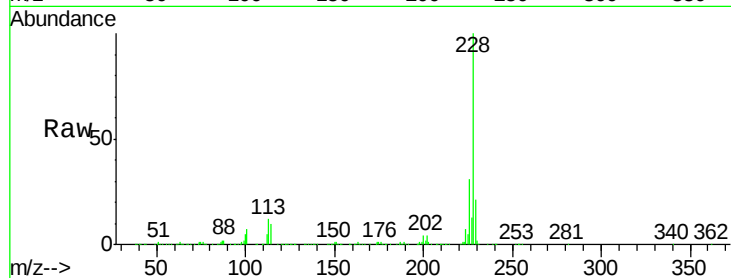




#83
 Chrvsene
 Concen: 40.025 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.02 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

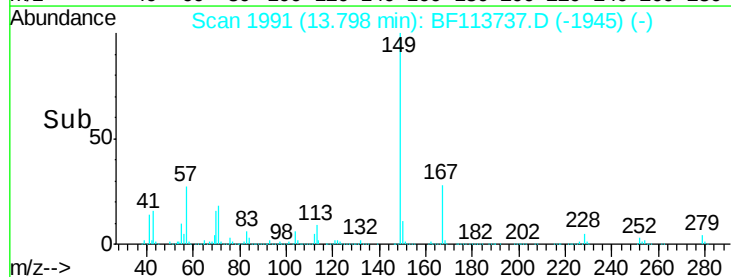
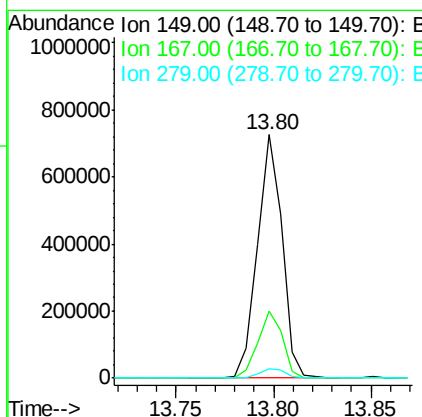
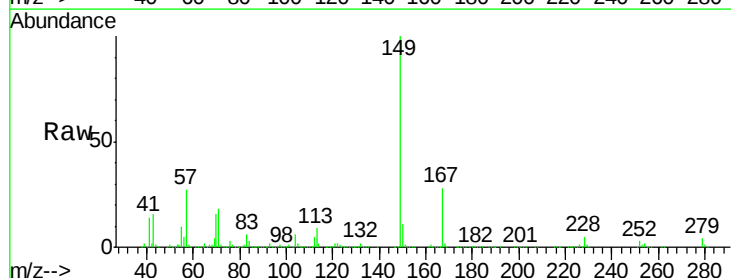
Instrument :
 BNA_F
 ClientSampleId :

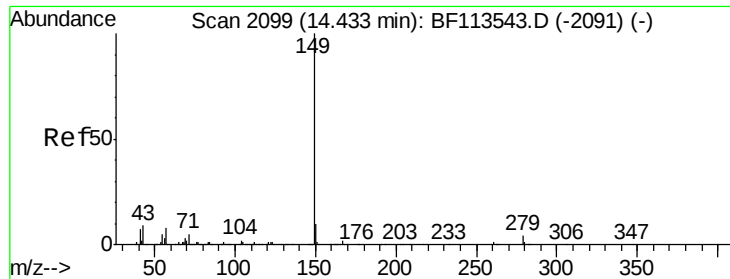
Tot Ion:228 Resp: 967223
 Ion Ratio Lower Upper
 228 100
 226 30.7 24.3 36.5
 229 20.7 16.3 24.5



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.087 ng
 RT: 13.80 min Scan# 1991
 Delta R.T. -0.03 min
 Lab File: BF113737.D
 Acq: 12 Apr 2019 14:15

Tgt Ion:149 Resp: 635820
 Ion Ratio Lower Upper
 149 100
 167 27.7 21.8 32.8
 279 4.0 2.9 4.3





#85

Di-n-octyl phthalate

Concen: 38.354 ng

RT: 14.40 min Scan# 2094

Delta R.T. -0.03 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampled :

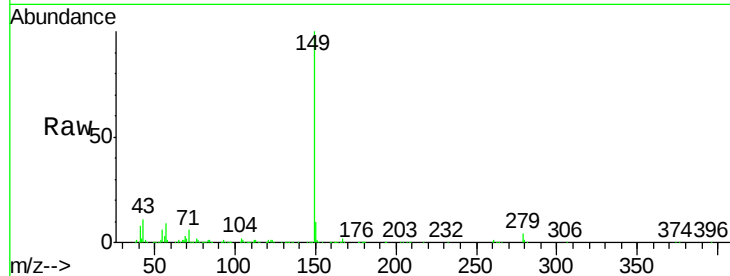
Tot Ion:149 Resp: 964776

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

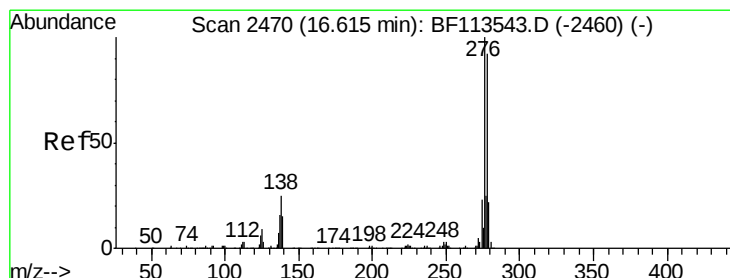
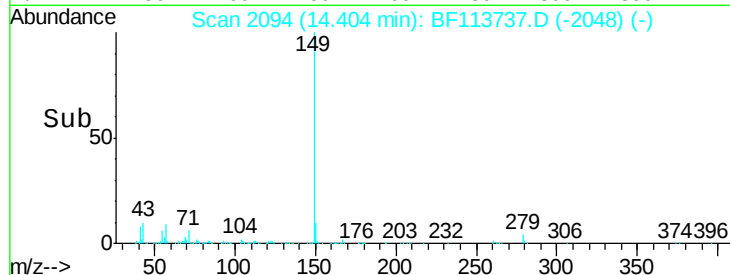
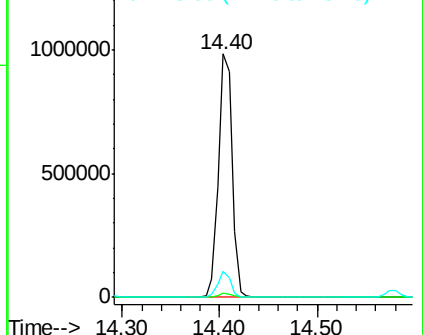
43 9.6 7.7 11.5



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: 32.483 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.02 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

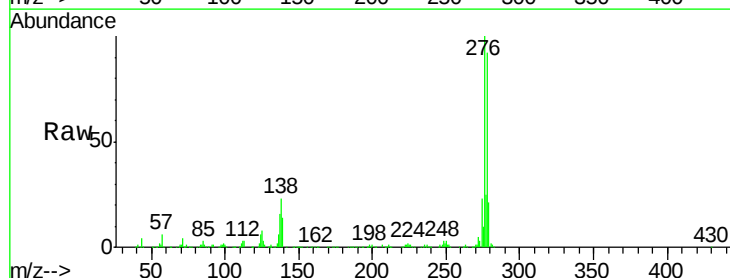
Tgt Ion:276 Resp: 724730

Ion Ratio Lower Upper

276 100

138 23.2 18.1 27.1

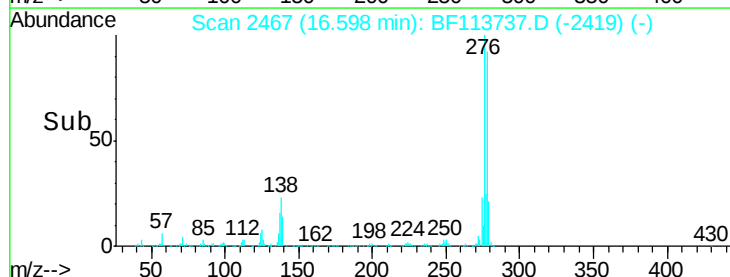
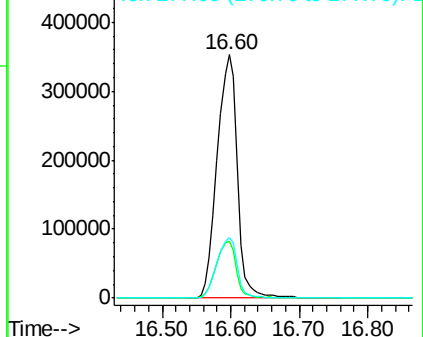
277 25.1 20.2 30.4

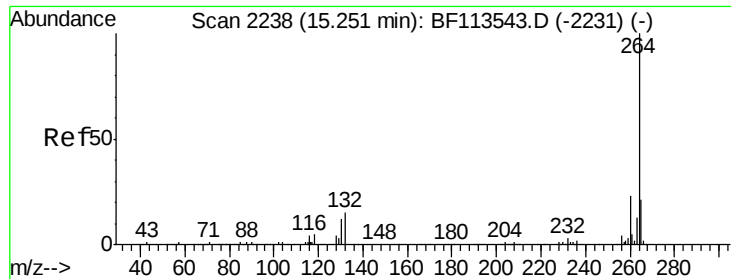


Abundance Ion 276.00 (275.70 to 276.70): E

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: 15.23 min Scan# 2234

Delta R.T. -0.02 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampleId :

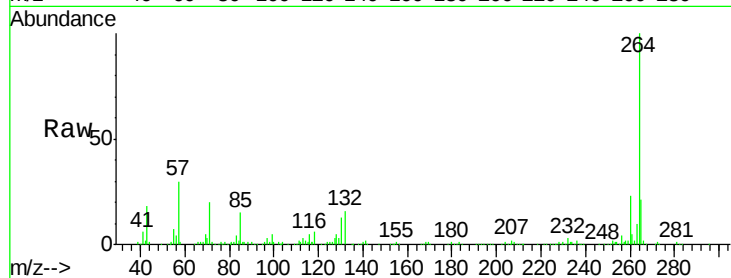
Tot Ion:264 Resp: 314016

Ion Ratio Lower Upper

264 100

260 22.9 19.1 28.7

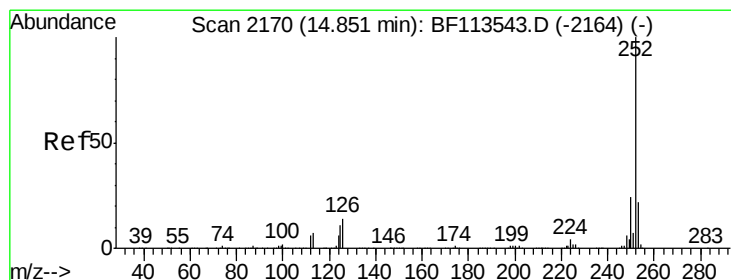
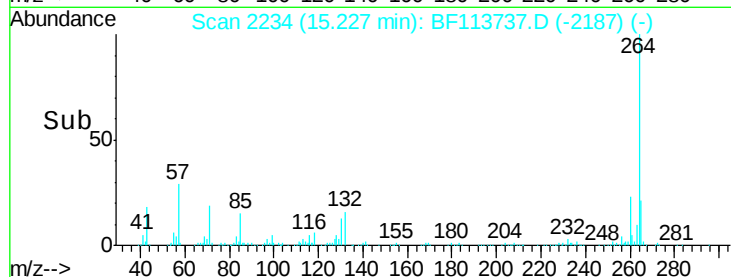
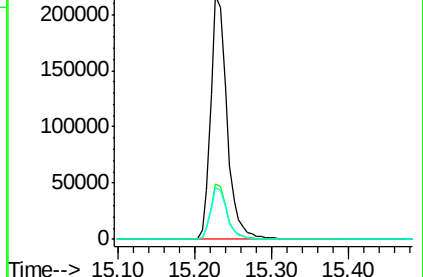
265 21.4 17.1 25.7



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: 44.815 ng

RT: 14.83 min Scan# 2167

Delta R.T. -0.02 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

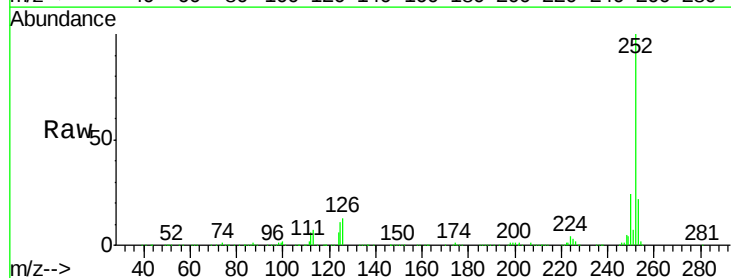
Tgt Ion:252 Resp: 861424

Ion Ratio Lower Upper

252 100

253 22.4 18.0 27.0

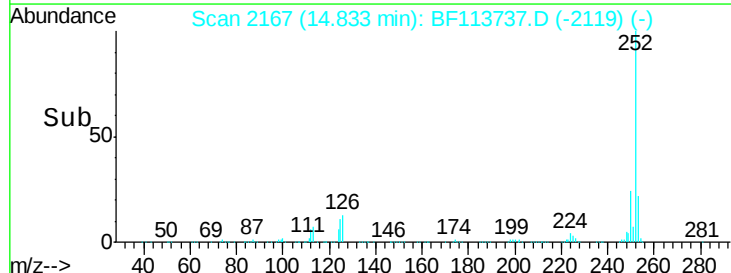
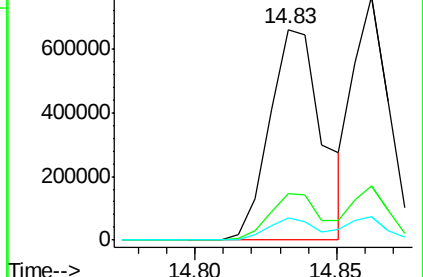
125 10.8 7.6 11.4

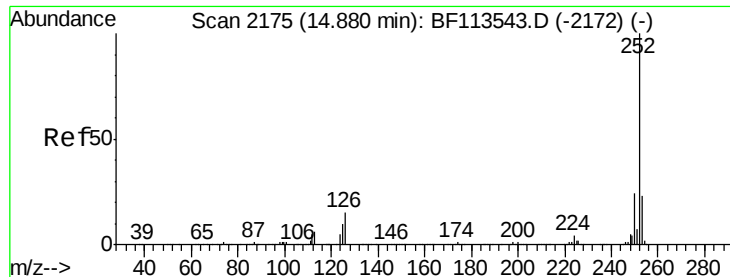


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

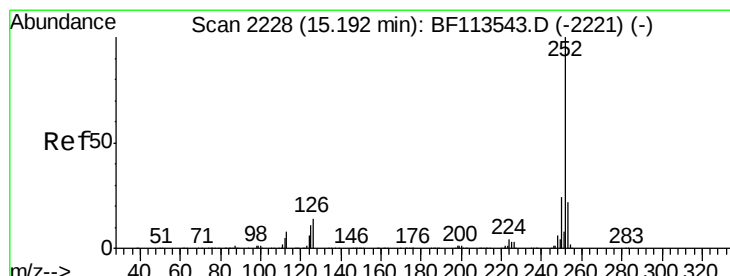
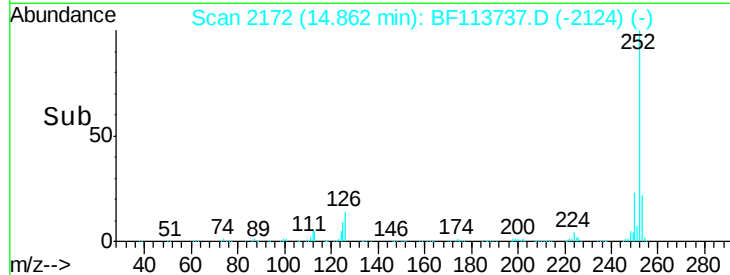
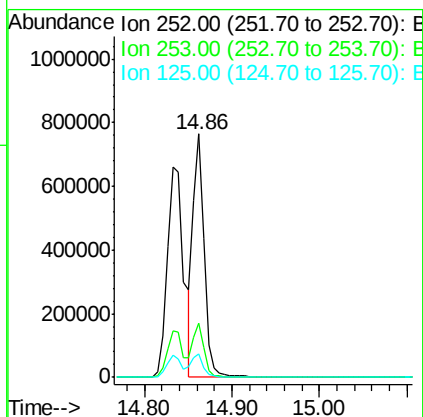
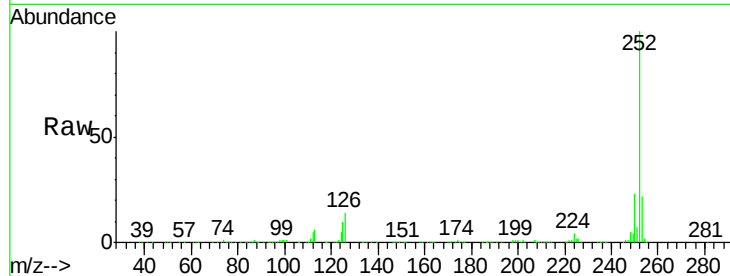




#89
Benzo(k)fluoranthene
Concen: 39.760 ng
RT: 14.86 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

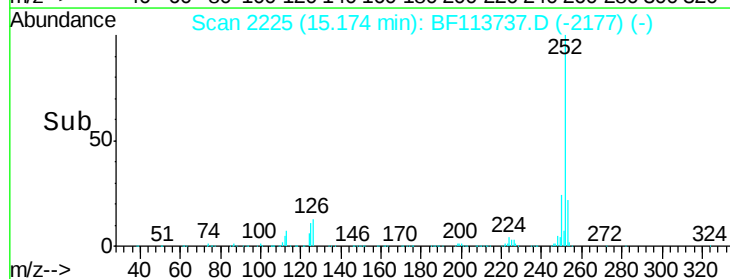
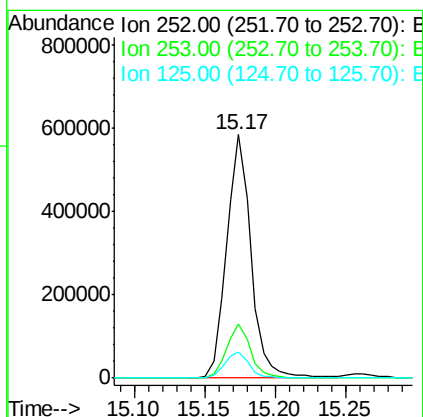
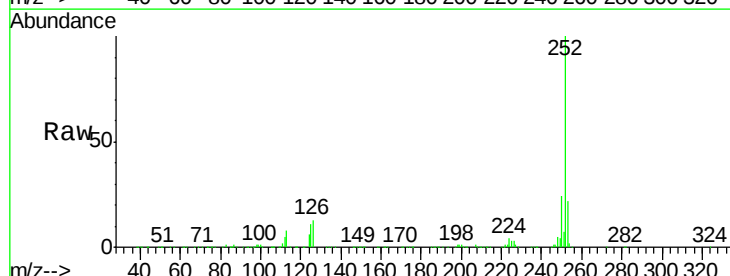
Instrument :
BNA_F
ClientSampled :

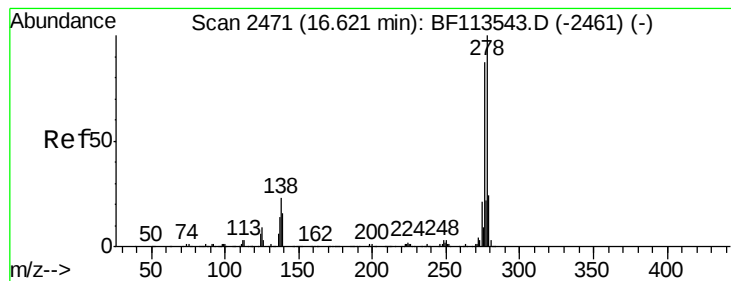
Tot Ion:252 Resp: 685908
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.5 7.3 10.9



#90
Benzo(a)pyrene
Concen: 41.225 ng
RT: 15.17 min Scan# 2225
Delta R.T. -0.02 min
Lab File: BF113737.D
Acq: 12 Apr 2019 14:15

Tgt Ion:252 Resp: 704132
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 10.8 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 37.414 ng

RT: 16.60 min Scan# 2467

Delta R.T. -0.02 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

Instrument :

BNA_F

ClientSampleId :

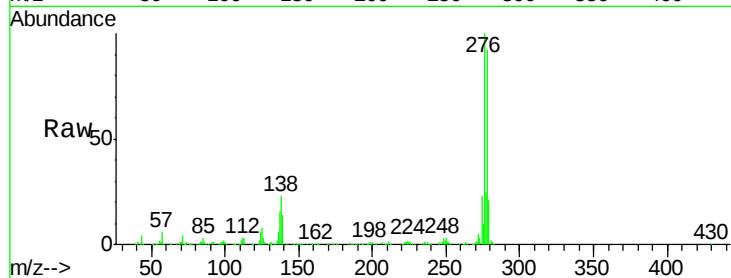
Tot Ion:278 Resp: 597602

Ion Ratio Lower Upper

278 100

139 14.7 12.0 18.0

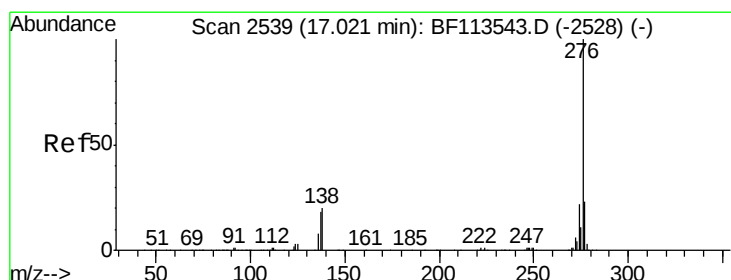
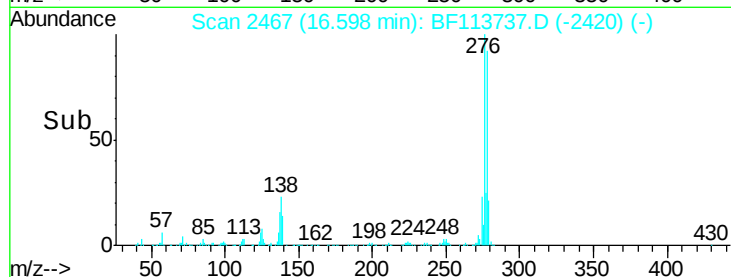
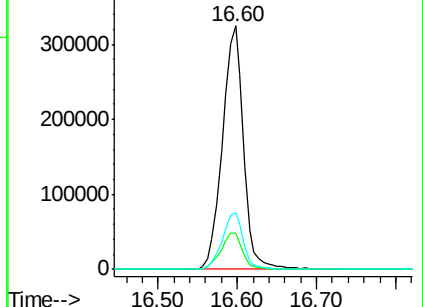
279 23.1 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.919 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.02 min

Lab File: BF113737.D

Acq: 12 Apr 2019 14:15

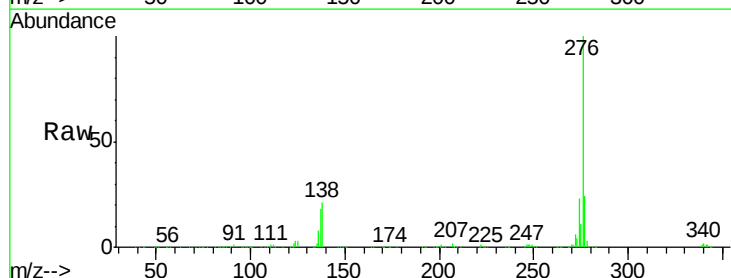
Tgt Ion:276 Resp: 618195

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 21.1 15.6 23.4



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

