

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040319\
 Data File : BF113561.D
 Acq On : 3 Apr 2019 23:46
 Operator : JU/SJ
 Sample : K2190-03MSD
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 04 04:28:14 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	6.69	152	120831	20.00	ng	0.00
21) Naphthalene-d8	7.97	136	422833	20.00	ng	0.00
39) Acenaphthene-d10	9.72	164	180714	20.00	ng	0.00
64) Phenanthrene-d10	11.20	188	324053	20.00	ng	0.00
76) Chrysene-d12	13.84	240	301410	20.00	ng	0.00
87) Perylene-d12	15.25	264	286869	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.31	112	796935	112.47	ng	0.01
7) Phenol-d6	6.34	99	925091	105.93	ng	0.00
23) Nitrobenzene-d5	7.25	82	635863	88.09	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	270248	124.49	ng	0.00
45) 2-Fluorobiphenyl	9.05	172	1146052	102.10	ng	0.00
79) Terphenyl-d14	12.79	244	1135293	76.69	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.46	88	113862	33.927	ng	# 84
3) Pyridine	3.19	79	75743	8.624	ng	94
4) n-Nitrosodimethylamine	3.05	42	128704	34.490	ng	89
6) Aniline	6.36	93	29533	2.790	ng	# 1
8) 2-Chlorophenol	6.47	128	310332	37.853	ng	100
9) Benzaldehyde	6.23	77	218570	42.090	ng	97
10) Phenol	6.35	94	316964	31.777	ng	# 68
11) bis(2-Chloroethyl)ether	6.43	93	306943	39.560	ng	99
12) 1,3-Dichlorobenzene	6.63	146	334727	37.913	ng	98
13) 1,4-Dichlorobenzene	6.70	146	343578	38.510	ng	98
14) 1,2-Dichlorobenzene	6.86	146	317475	39.422	ng	98
15) Benzyl Alcohol	6.84	79	228238	38.651	ng	97
16) 2,2'-oxybis(1-Chloropropan	6.97	45	479064	39.667	ng	95
17) 2-Methylphenol	6.96	107	237488	37.380	ng	98
18) Hexachloroethane	7.19	117	115635	35.608	ng	96
19) n-Nitroso-di-n-propylamine	7.10	70	210428	39.074	ng	98
20) 3+4-Methylphenols	7.11	107	300507	39.036	ng	98
22) Acetophenone	7.10	105	421260	45.361	ng	# 96
24) Nitrobenzene	7.27	77	318212	42.805	ng	95
25) Isophorone	7.51	82	571409	41.092	ng	98
26) 2-Nitrophenol	7.59	139	160645	40.151	ng	97
27) 2,4-Dimethylphenol	7.63	122	230478	40.294	ng	99
28) bis(2-Chloroethoxy)methane	7.72	93	378838	43.091	ng	99
29) 2,4-Dichlorophenol	7.84	162	257882	42.138	ng	99
30) 1,2,4-Trichlorobenzene	7.91	180	281182	42.309	ng	98
31) Naphthalene	7.99	128	883368	43.118	ng	99
32) Benzoic acid	7.76	122	53254	12.023	ng	98
33) 4-Chloroaniline	8.05	127	19718	2.427	ng	98
34) Hexachlorobutadiene	8.11	225	169913	41.935	ng	99
35) Caprolactam	8.41	113	29556	15.214	ng	96
36) 4-Chloro-3-methylphenol	8.54	107	238007	38.742	ng	99
37) 2-Methylnaphthalene	8.68	142	580356	43.071	ng	97
38) 1-Methylnaphthalene	8.78	142	536890	41.322	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.85	216	271166	46.397	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	69715	41.765	ng	98
43) 2,4,6-Trichlorophenol	8.97	196	167653	45.445	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	175710	44.364	ng	98
46) 1,1'-Biphenyl	9.15	154	690802	46.324	ng	99
47) 2-Chloronaphthalene	9.17	162	513065	45.442	ng	99
48) 2-Nitroaniline	9.27	65	150882	43.673	ng	97
49) Acenaphthylene	9.58	152	800090	43.578	ng	99
50) Dimethylphthalate	9.45	163	602788	45.251	ng	100
51) 2,6-Dinitrotoluene	9.52	165	123382	42.019	ng	90
52) Acenaphthene	9.76	154	462859	44.041	ng	99
53) 3-Nitroaniline	9.68	138	36226	10.851	ng	97
54) 2,4-Dinitrophenol	9.81	184	23398	17.032	ng	96
55) Dibenzofuran	9.93	168	683378	44.327	ng	99
56) 4-Nitrophenol	9.87	139	130893	63.205	ng	94
57) 2,4-Dinitrotoluene	9.92	165	145258	40.903	ng	91
58) Fluorene	10.27	166	518731	42.542	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	144359	42.108	ng	98
60) Diethylphthalate	10.15	149	567033	44.150	ng	98
61) 4-Chlorophenyl-phenylether	10.26	204	264193	44.050	ng	95
62) 4-Nitroaniline	10.30	138	121763	35.867	ng	95
63) Azobenzene	10.42	77	507745	41.753	ng	97
65) 4,6-Dinitro-2-methylphenol	10.34	198	19964	11.702	ng	95
66) n-Nitrosodiphenylamine	10.38	169	465424	46.785	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	161945	44.559	ng	95
68) Hexachlorobenzene	10.83	284	179479	43.099	ng	98
69) Atrazine	10.91	200	137760	43.934	ng	96
70) Pentachlorophenol	11.02	266	108710	55.400	ng	98
71) Phenanthrene	11.23	178	709583	44.067	ng	99
72) Anthracene	11.28	178	738407	45.072	ng	99
73) Carbazole	11.44	167	678147	44.257	ng	99
74) Di-n-butylphthalate	11.77	149	839074	46.033	ng	100
75) Fluoranthene	12.42	202	783616	45.414	ng	100
78) Pyrene	12.64	202	807430	35.207	ng	98
80) Butylbenzylphthalate	13.26	149	359171	38.474	ng	96
81) Benzo(a)anthracene	13.83	228	710472	40.862	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	84946	12.684	ng	100
83) Chrysene	13.87	228	726854	41.239	ng	100
84) Bis(2-ethylhexyl)phthalate	13.83	149	482887	42.782	ng	# 97
85) Di-n-octyl phthalate	14.43	149	920259	50.158	ng	100
86) Indeno(1,2,3-cd)pyrene	16.62	276	702618	43.176	ng	98
88) Benzo(b)fluoranthene	14.85	252	706013	40.206	ng	99
89) Benzo(k)fluoranthene	14.88	252	731742	46.431	ng	99
90) Benzo(a)pyrene	15.19	252	685889	43.957	ng	99
91) Dibenzo(a,h)anthracene	16.62	278	604714	41.442	ng	99
92) Benzo(g,h,i)perylene	17.02	276	572479	38.438	ng	98

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

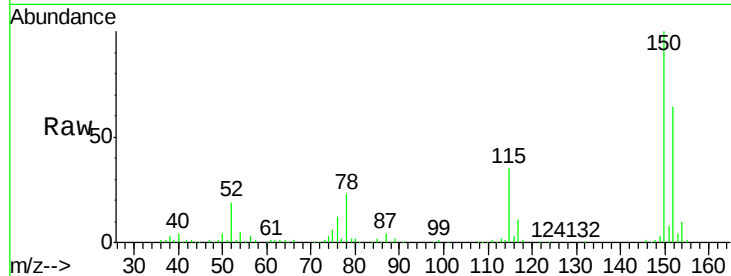


#1

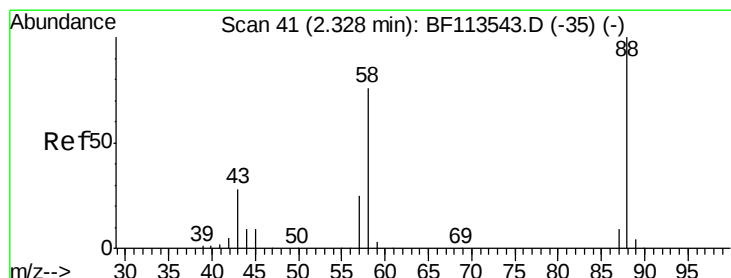
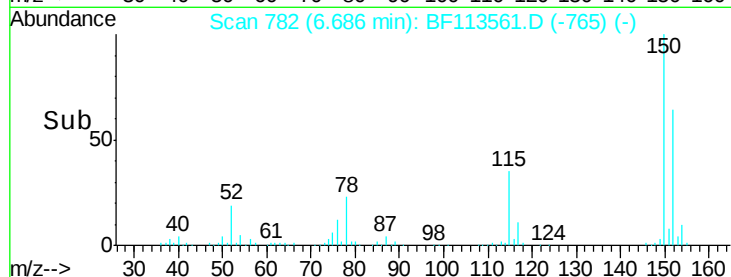
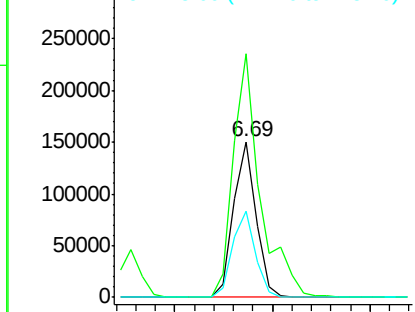
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 120831
Ion Ratio Lower Upper
152 100
150 156.5 124.7 187.1
115 55.4 46.0 69.0



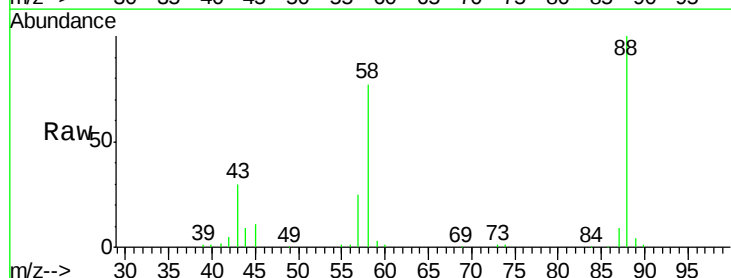
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



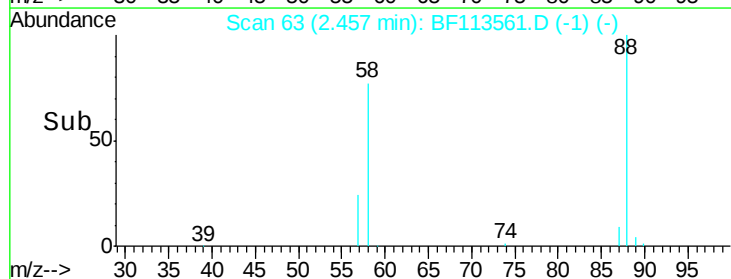
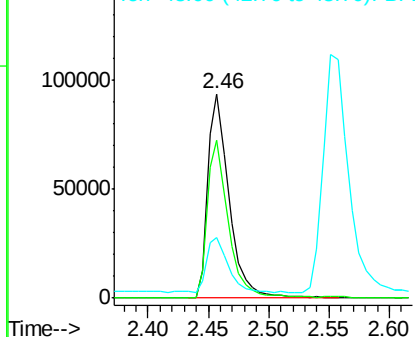
#2

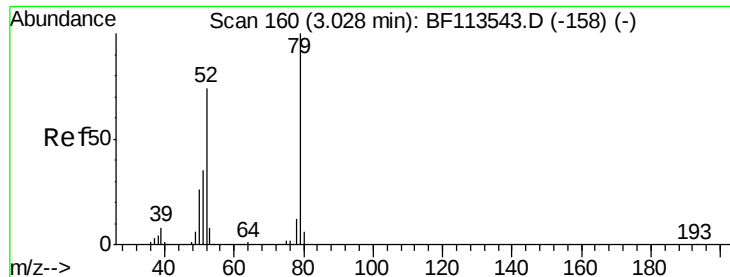
1,4-Dioxane
Concen: 33.927 ng
RT: 2.46 min Scan# 63
Delta R.T. 0.13 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion: 88 Resp: 113862
Ion Ratio Lower Upper
88 100
58 76.9 61.9 92.9
43 0.0 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: 8.624 ng

RT: 3.19 min Scan# 188

Delta R.T. 0.16 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

ClientSampleId :

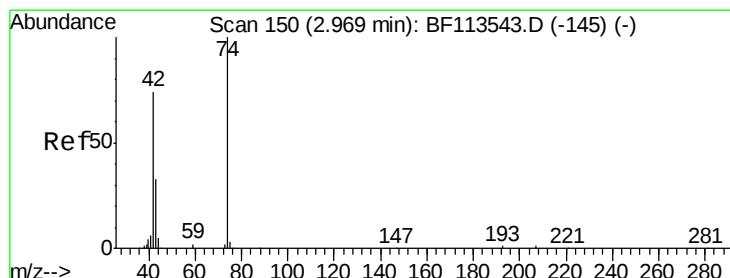
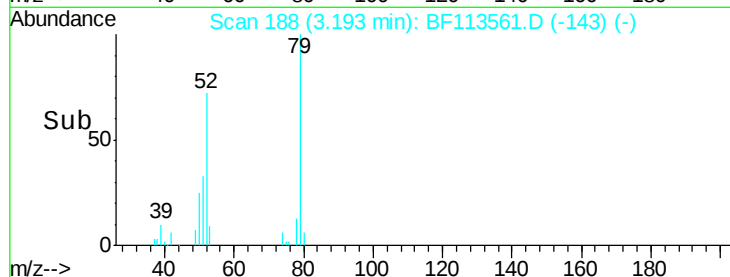
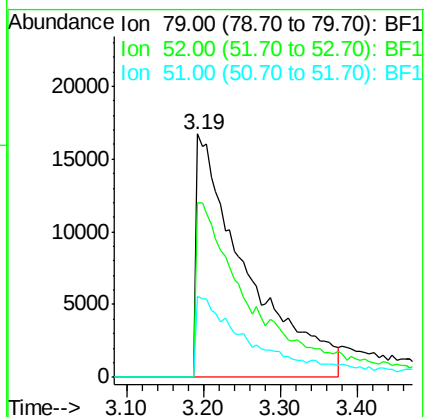
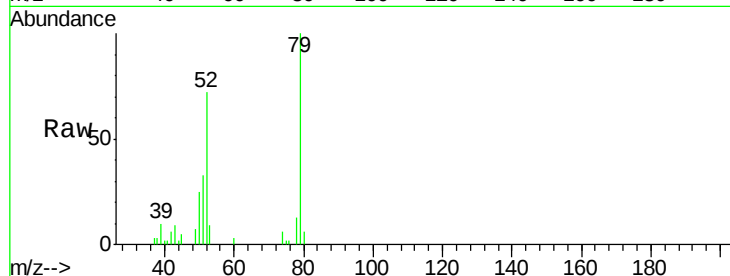
Tot Ion: 79 Resp: 75743

Ion Ratio Lower Upper

79 100

52 71.9 61.0 91.4

51 33.5 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 34.490 ng

RT: 3.05 min Scan# 164

Delta R.T. 0.08 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

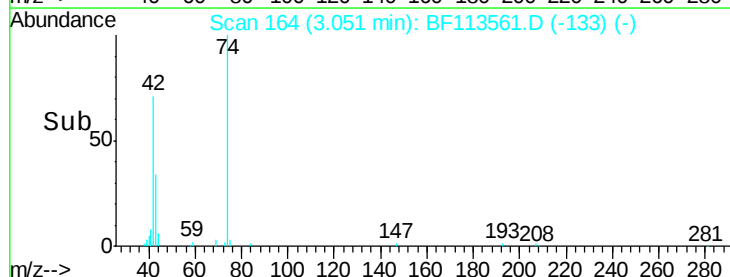
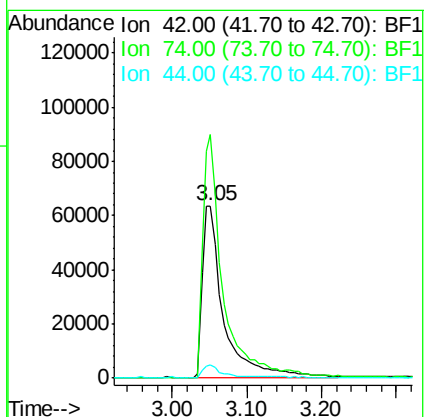
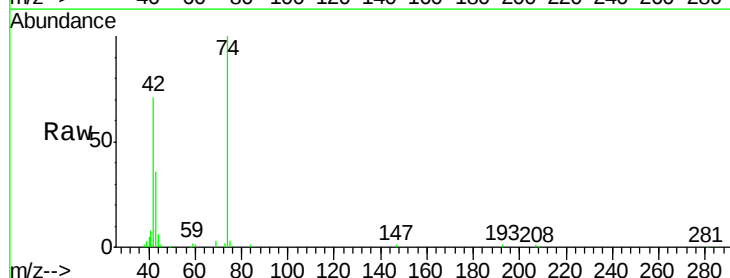
Tgt Ion: 42 Resp: 128704

Ion Ratio Lower Upper

42 100

74 141.2 102.4 153.6

44 8.0 5.5 8.3





#5

2-Fluorophenol

Concen: 112.468 ng

RT: 5.31 min Scan# 548

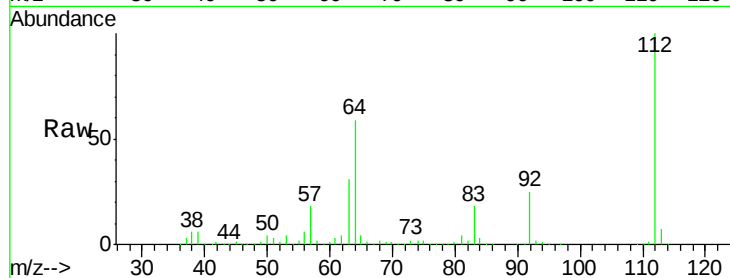
Delta R.T. 0.01 min

Lab File: BF113561.D

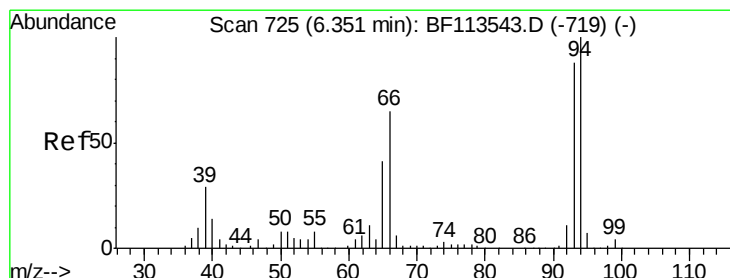
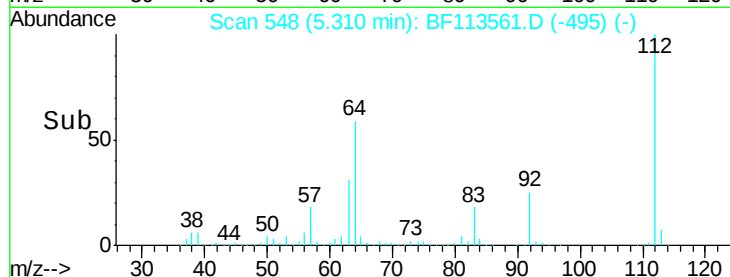
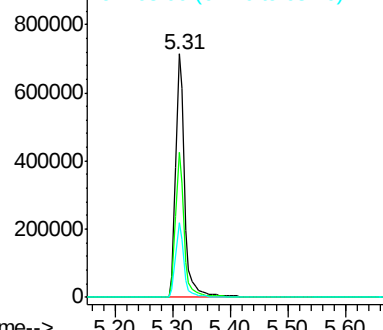
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	796935
Ion	Ratio	Lower	Upper
112	100		
64	59.5	49.2	73.8
63	30.5	24.9	37.3



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



#6

Aniline

Concen: 2.790 ng

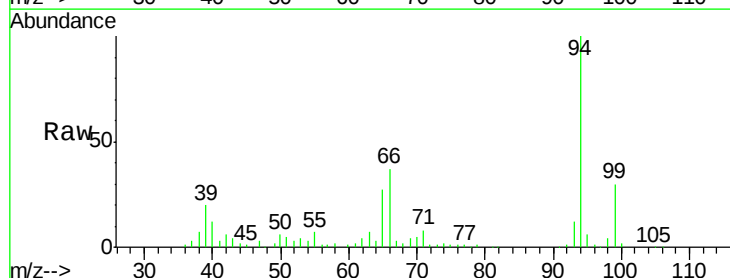
RT: 6.36 min Scan# 726

Delta R.T. 0.01 min

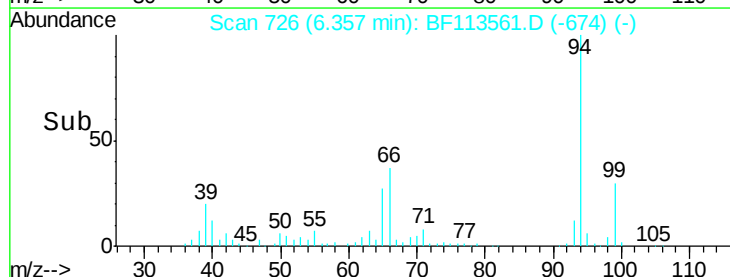
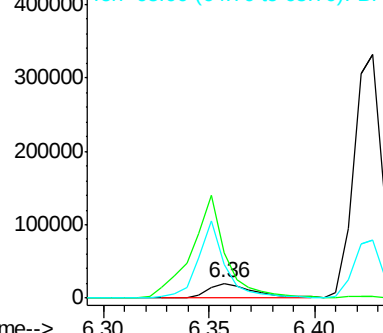
Lab File: BF113561.D

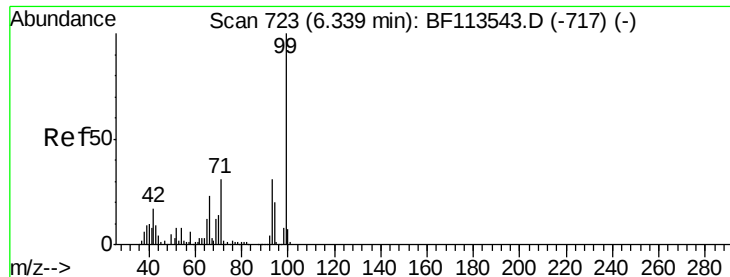
Acq: 3 Apr 2019 23:46

Tgt Ion:	93	Resp:	29533
Ion	Ratio	Lower	Upper
93	100		
66	303.3	62.1	93.1#
65	220.9	38.7	58.1#



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





#7

Phenol-d6

Concen: 105.925 ng

RT: 6.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

ClientSampled :

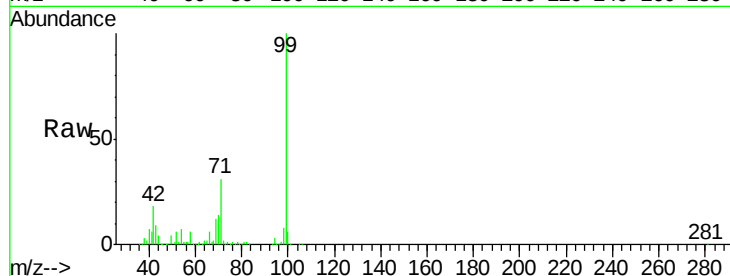
Tot Ion: 99 Resp: 925091

Ion Ratio Lower Upper

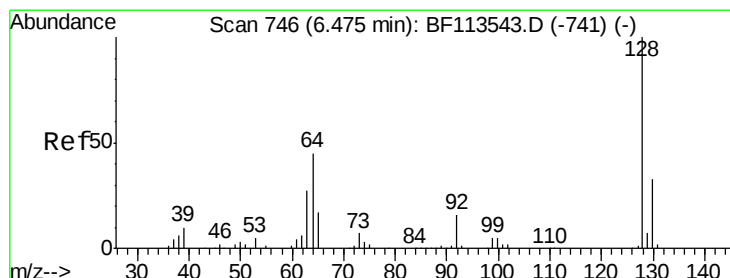
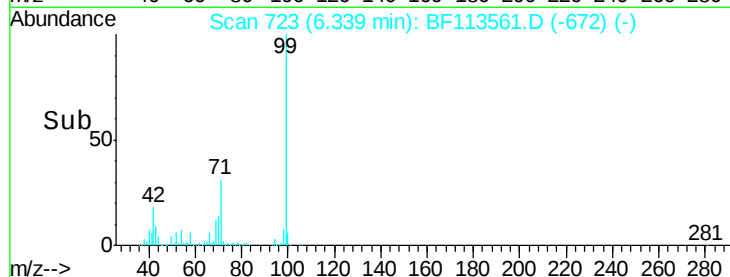
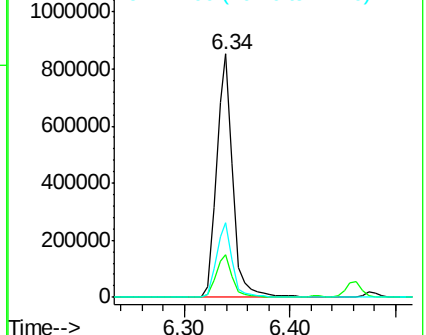
99 100

42 17.8 14.8 22.2

71 30.9 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: 37.853 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

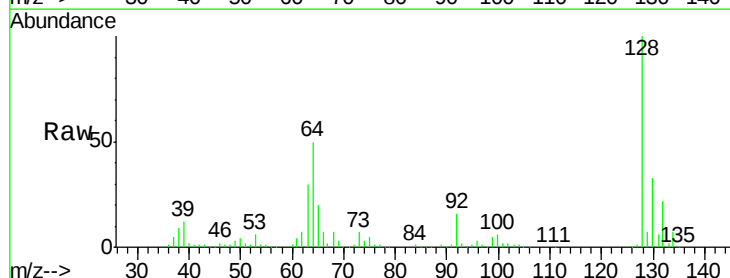
Tgt Ion:128 Resp: 310332

Ion Ratio Lower Upper

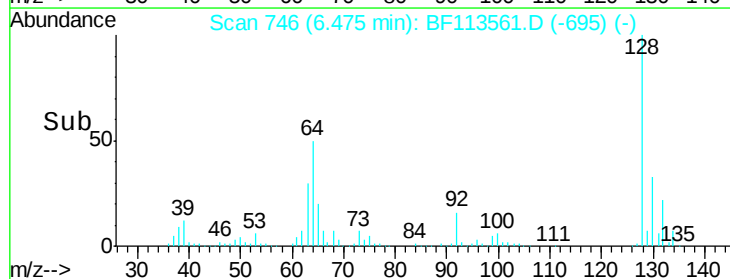
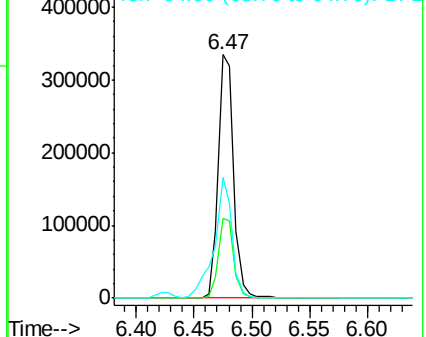
128 100

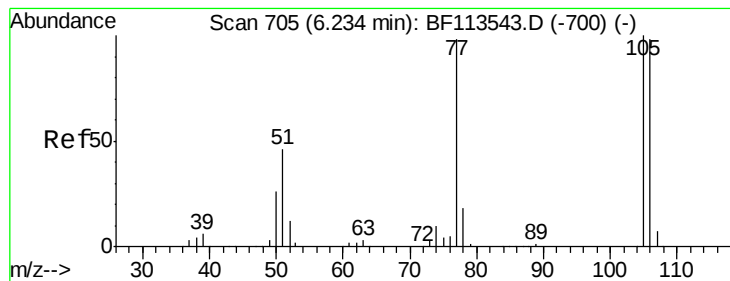
130 32.5 12.6 52.6

64 49.7 29.4 69.4



Abundance Ion 128.00 (127.70 to 128.70): B
Ion 130.00 (129.70 to 130.70): B
Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 42.090 ng

RT: 6.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

ClientSampleId :

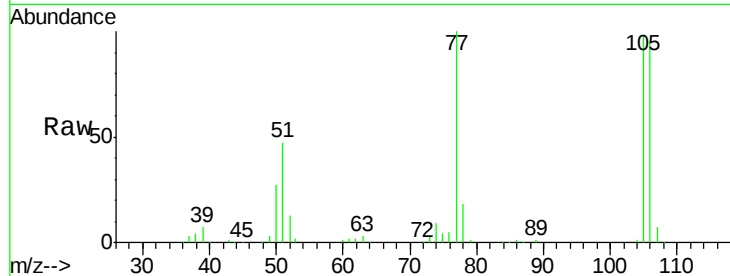
Tot Ion: 77 Resp: 218570

Ion Ratio Lower Upper

77 100

105 97.7 80.9 120.9

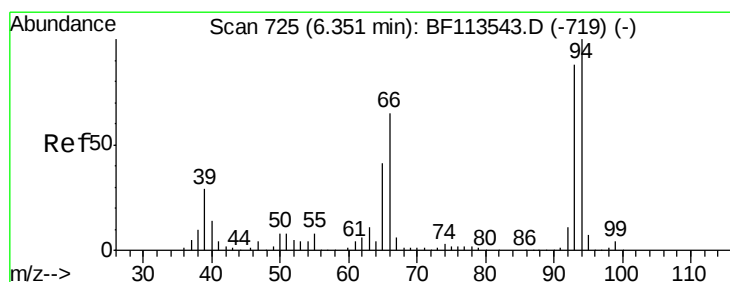
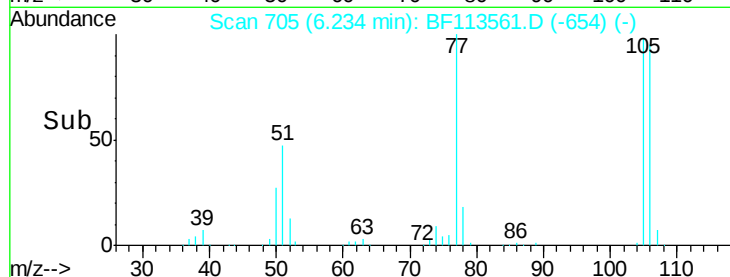
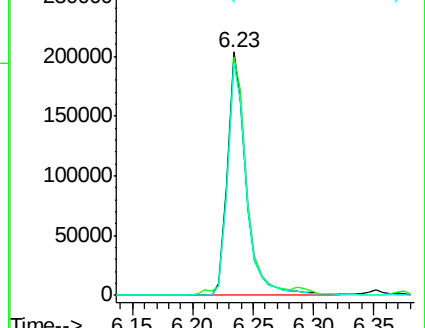
106 94.9 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 31.777 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

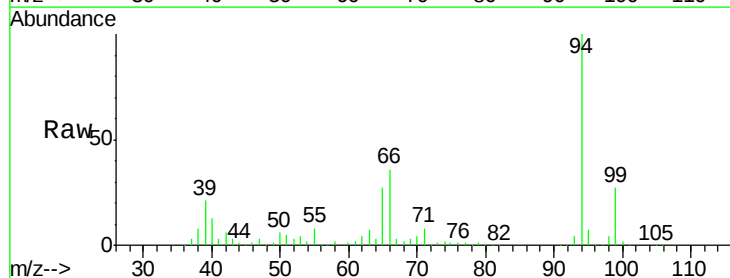
Tgt Ion: 94 Resp: 316964

Ion Ratio Lower Upper

94 100

65 27.4 21.4 61.4

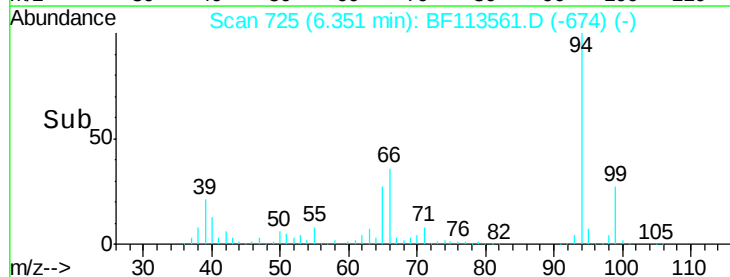
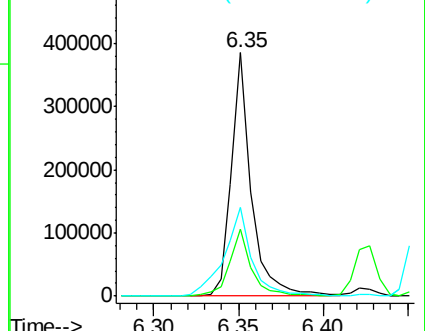
66 36.4 46.4 86.4#



Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

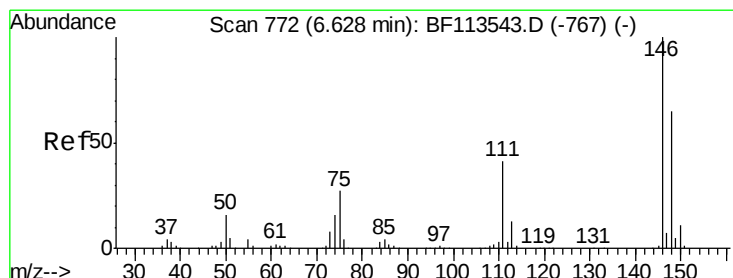
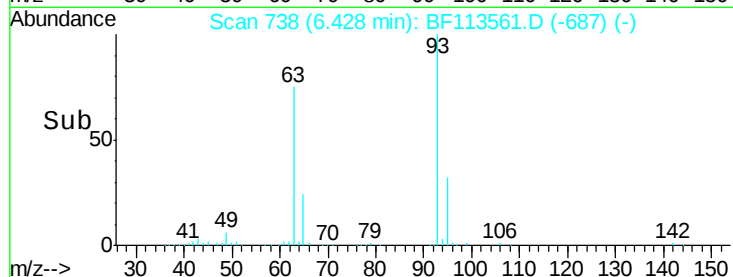
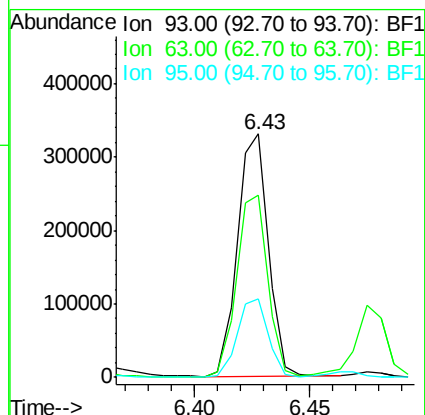
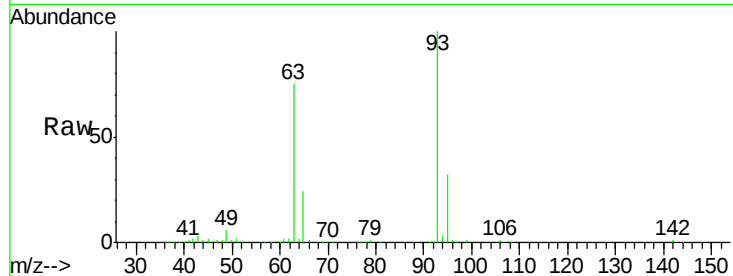




#11
bis(2-Chloroethyl)ether
Concen: 39.560 ng
RT: 6.43 min Scan# 738
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

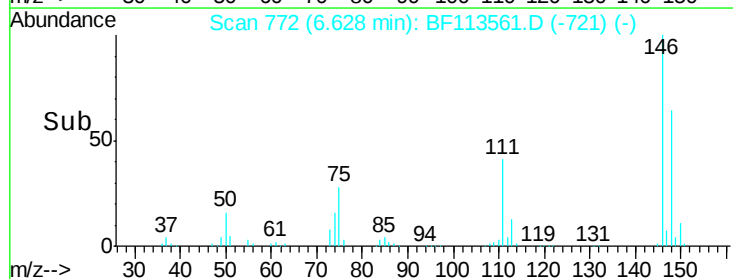
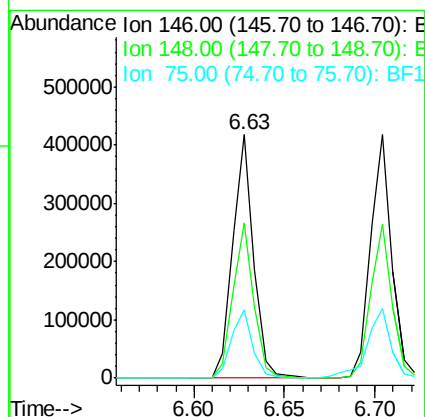
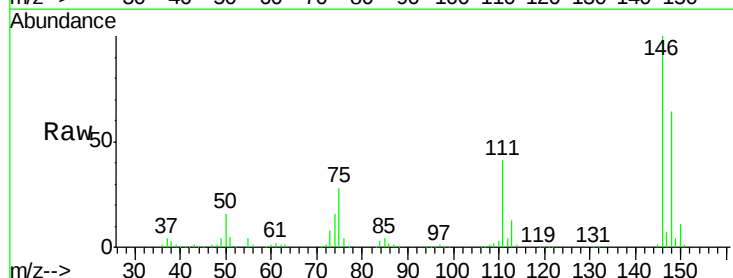
Instrument :
BNA_F
ClientSampleId :

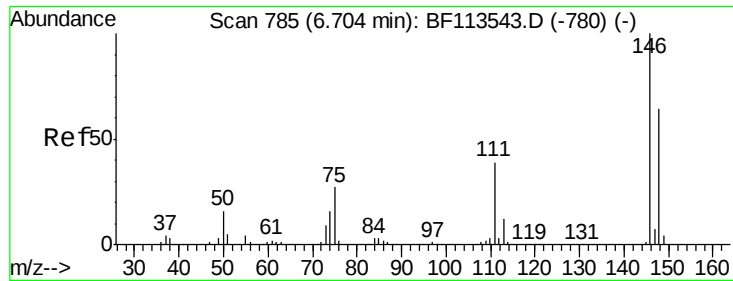
Tot Ion: 93 Resp: 306943
Ion Ratio Lower Upper
93 100
63 74.7 56.1 96.1
95 32.4 12.8 52.8



#12
1,3-Dichlorobenzene
Concen: 37.913 ng
RT: 6.63 min Scan# 772
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion: 146 Resp: 334727
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.0
75 28.0 24.8 37.2

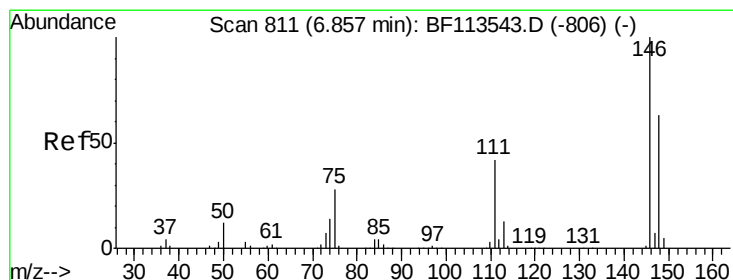
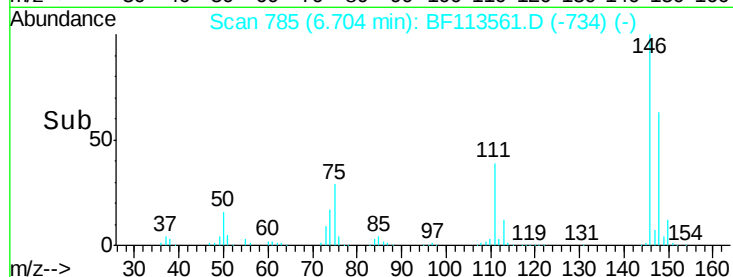
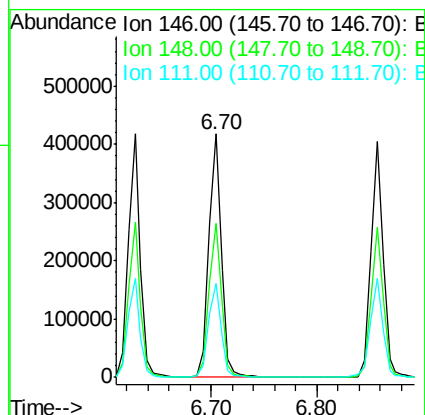
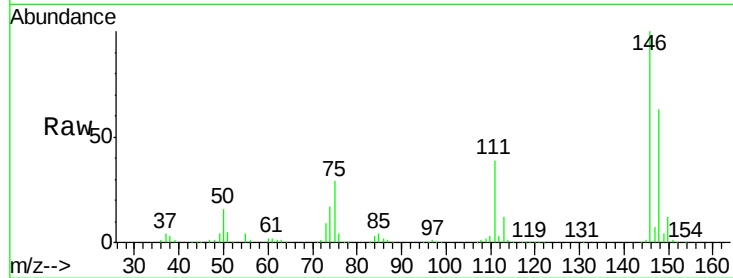




#13
 1,4-Dichlorobenzene
 Concen: 38.510 ng
 RT: 6.70 min Scan# 785
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

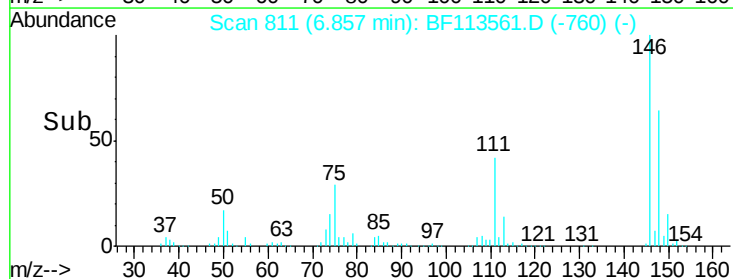
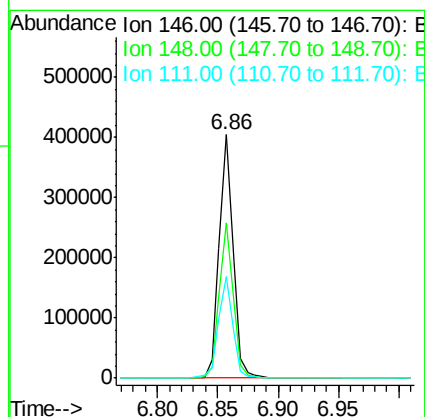
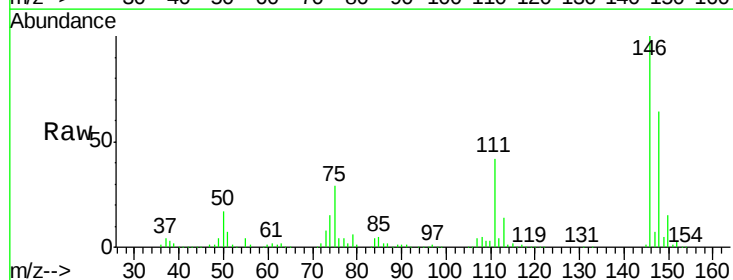
Instrument :
 BNA_F
 ClientSampled :

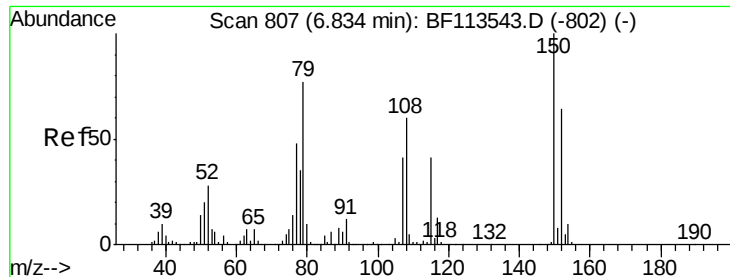
Tot Ion:146 Resp: 343578
 Ion Ratio Lower Upper
 146 100
 148 63.3 51.1 76.7
 111 38.6 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 39.422 ng
 RT: 6.86 min Scan# 811
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion:146 Resp: 317475
 Ion Ratio Lower Upper
 146 100
 148 64.0 50.2 75.4
 111 41.8 35.4 53.2





#15

Benzyl Alcohol

Concen: 38.651 ng

RT: 6.84 min Scan# 808

Delta R.T. 0.01 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :

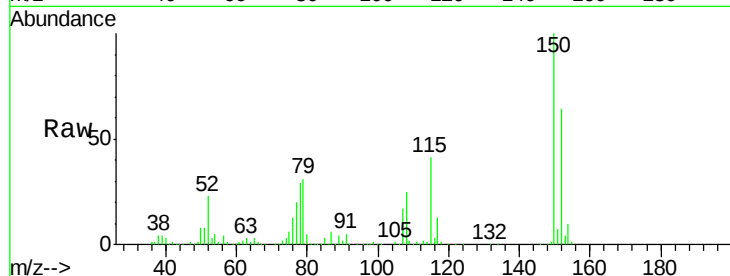
Tot Ion: 79 Resp: 228238

Ion Ratio Lower Upper

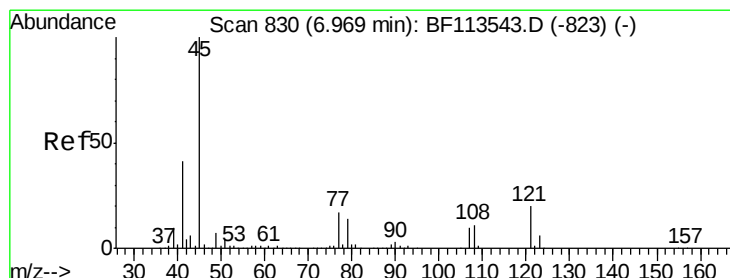
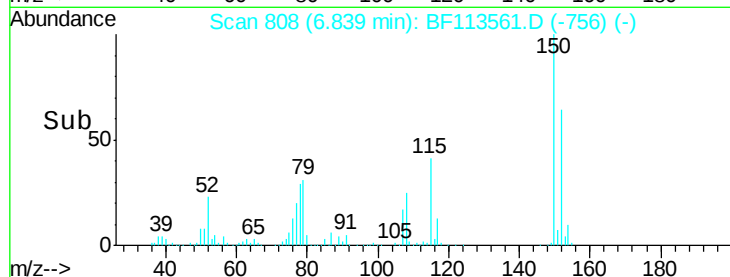
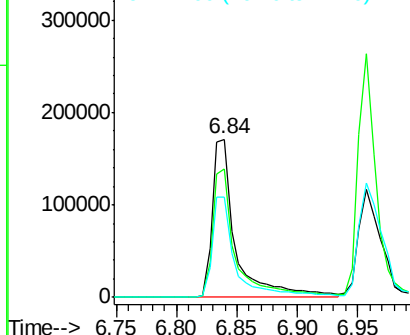
79 100

108 81.0 62.0 93.0

77 63.5 49.9 74.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.667 ng

RT: 6.97 min Scan# 830

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

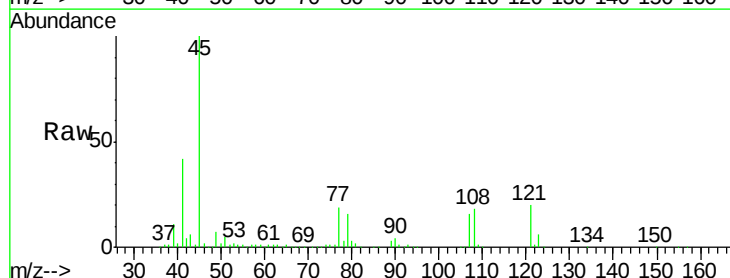
Tgt Ion: 45 Resp: 479064

Ion Ratio Lower Upper

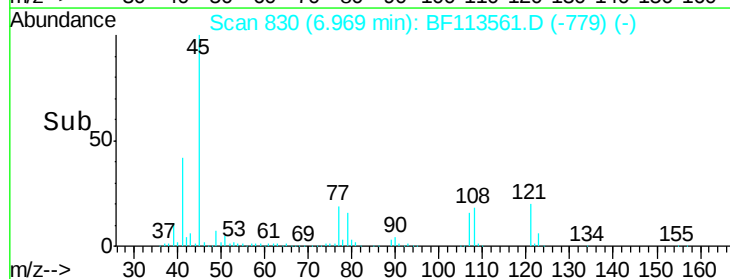
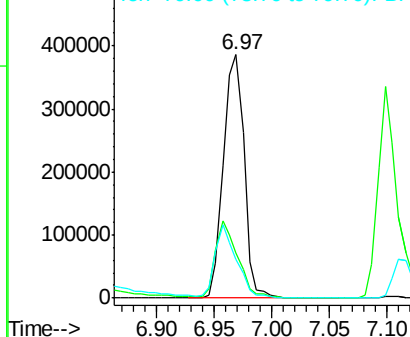
45 100

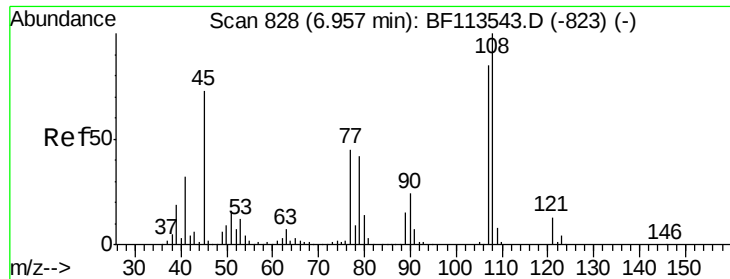
77 18.6 0.0 36.6

79 16.2 0.0 34.0



Abundance Ion 45.00 (44.70 to 45.70): BF1
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

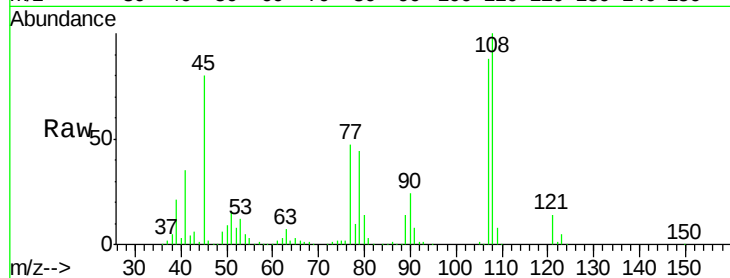




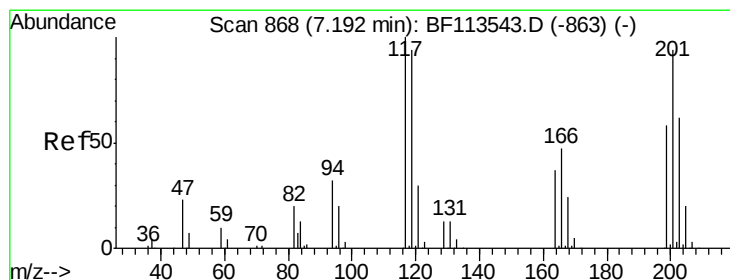
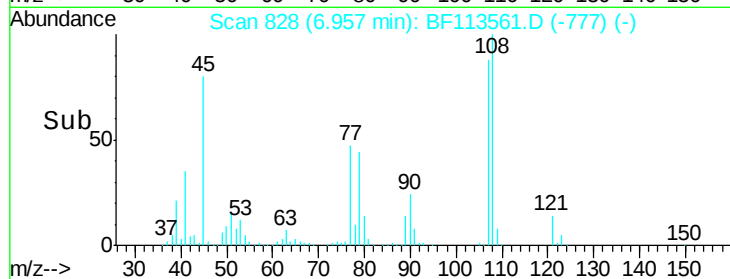
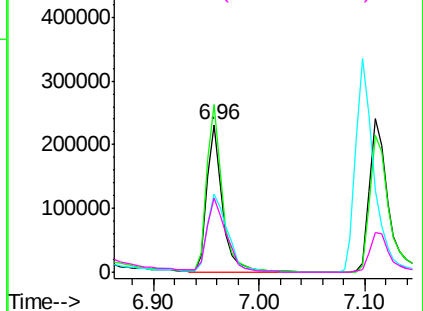
#17
2-Methylphenol
Concen: 37.380 ng
RT: 6.96 min Scan# 828
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampled :

Tot Ion:107 Resp: 237488
Ion Ratio Lower Upper
107 100
108 113.7 93.4 140.0
77 53.1 41.2 61.8
79 50.1 40.1 60.1

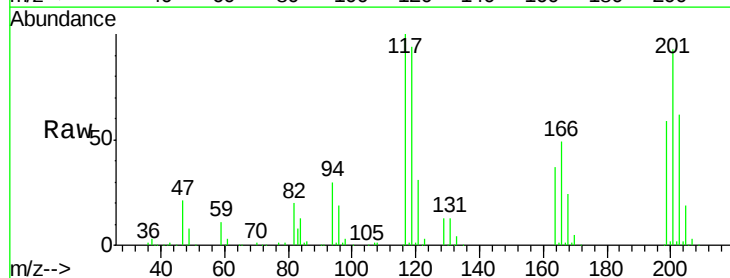


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

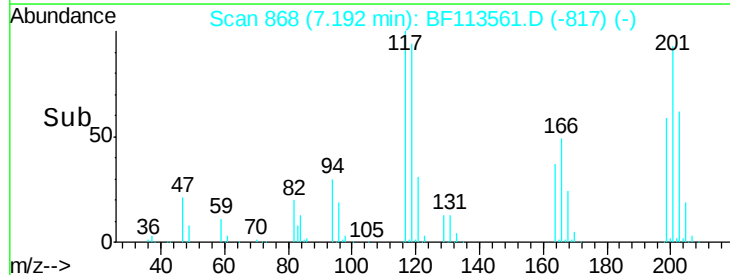
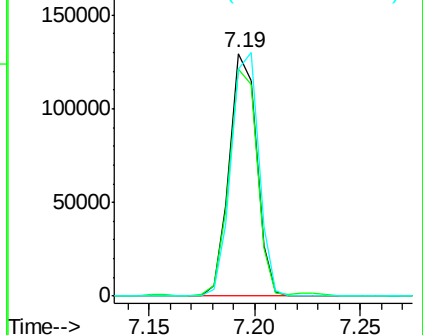


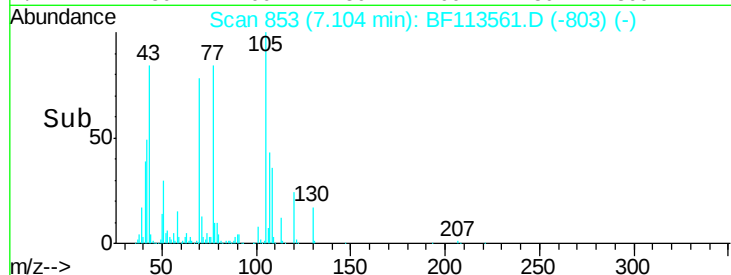
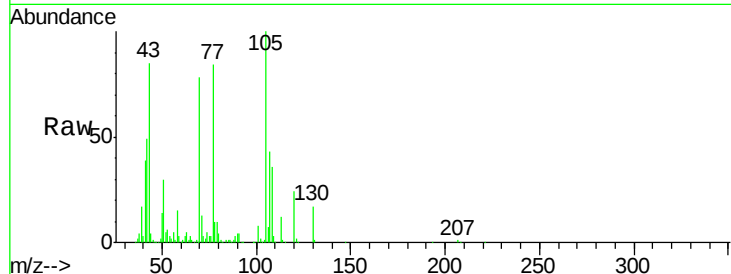
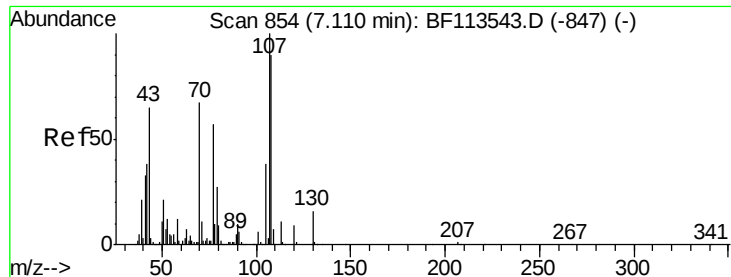
#18
Hexachloroethane
Concen: 35.608 ng
RT: 7.19 min Scan# 868
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:117 Resp: 115635
Ion Ratio Lower Upper
117 100
119 93.8 76.9 115.3
201 93.4 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

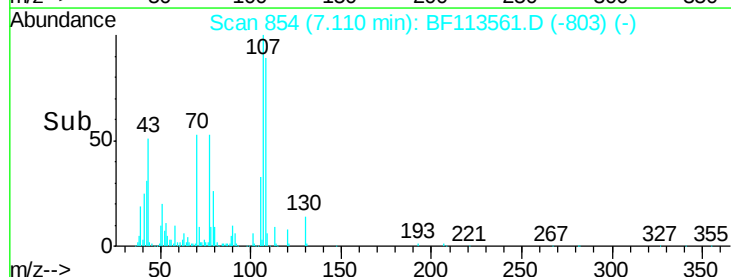
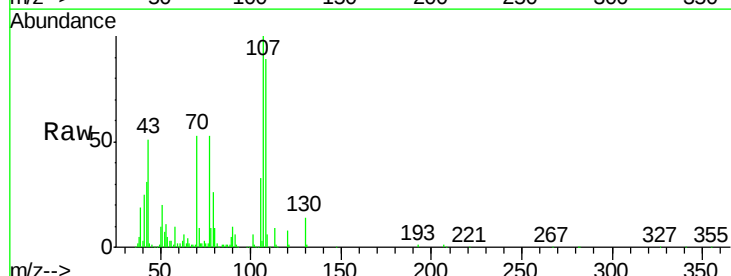
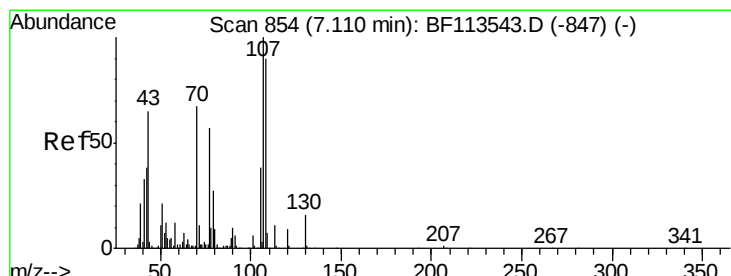
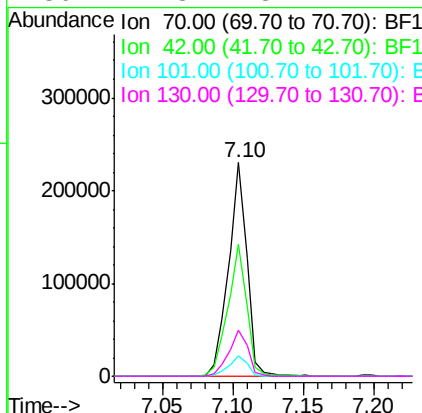




#19
n-Nitroso-di-n-propylamine
Concen: 39.074 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

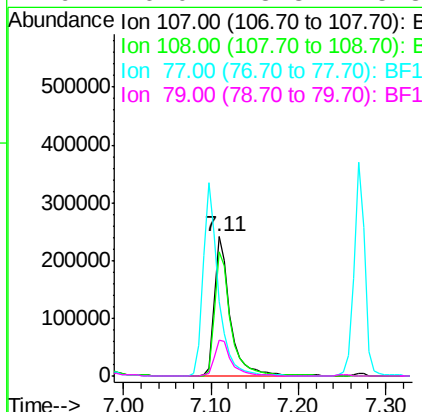
Instrument :
BNA_F
ClientSampleId :

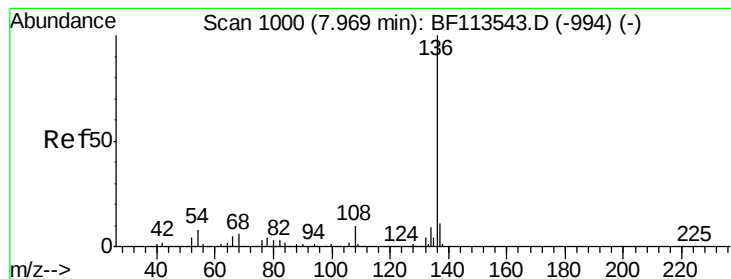
Tot Ion: 70 Resp: 210428
Ion Ratio Lower Upper
70 100
42 61.9 48.4 72.6
101 9.9 7.8 11.8
130 21.8 18.2 27.4



#20
3+4-Methylphenols
Concen: 39.036 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion: 107 Resp: 300507
Ion Ratio Lower Upper
107 100
108 89.0 71.4 111.4
77 53.4 33.5 73.5
79 26.0 8.3 48.3

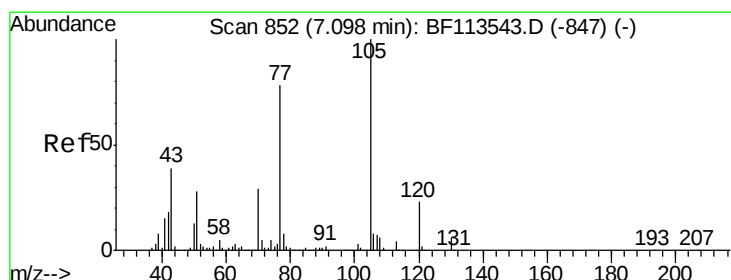
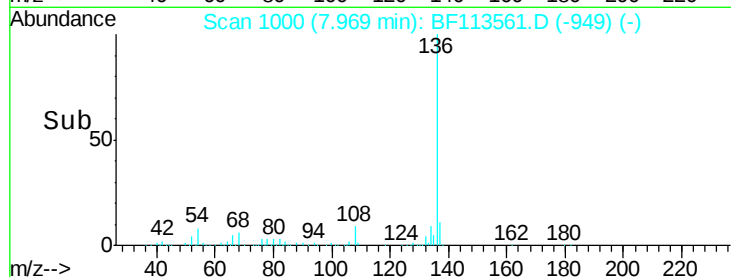
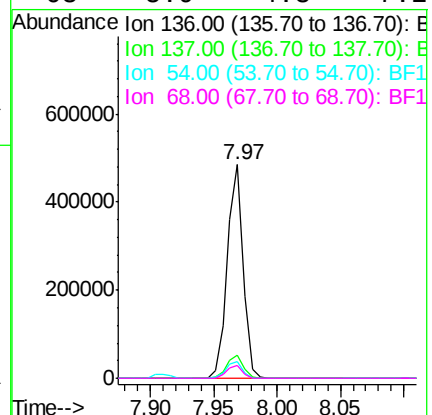
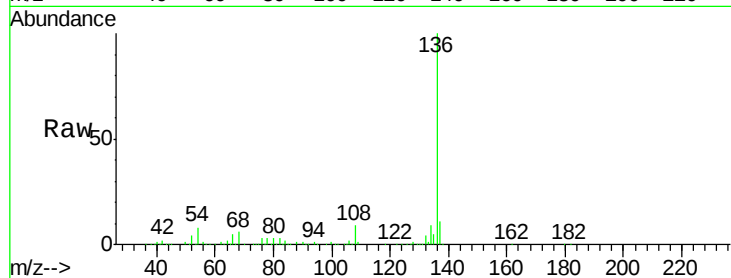




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1000
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

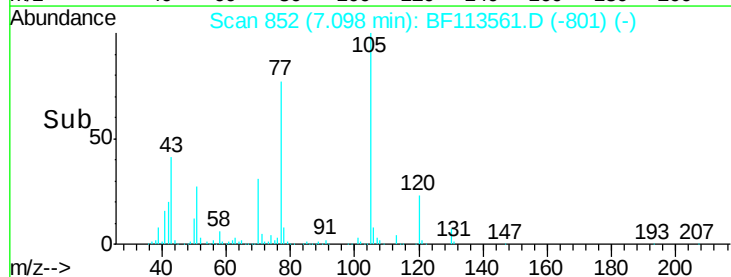
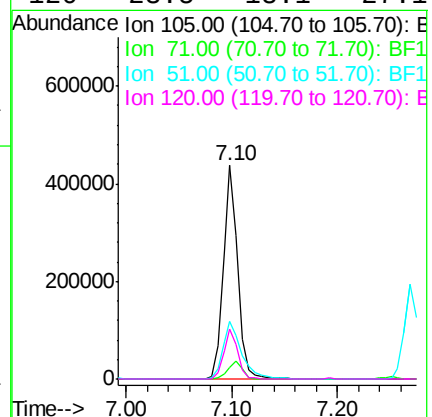
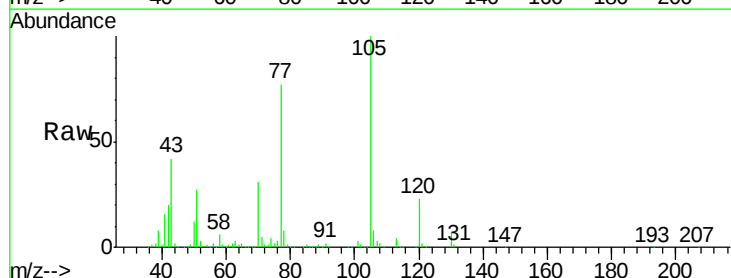
Instrument :
BNA_F
ClientSampleId :

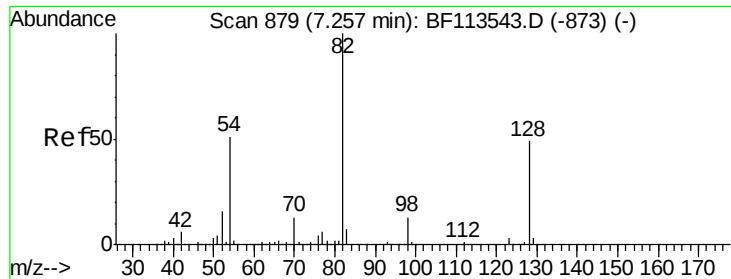
Tot Ion:136	Resp:	422833
Ion Ratio	Lower	Upper
136 100		
137 10.8	8.9	13.3
54 7.5	7.0	10.6
68 5.9	4.8	7.2



#22
Acetophenone
Concen: 45.361 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt	Ion:105	Resp:	421260
Ion	Ratio	Lower	Upper
105	100		
71	5.2	3.3	4.9#
51	27.1	24.2	36.2
120	23.5	18.1	27.1

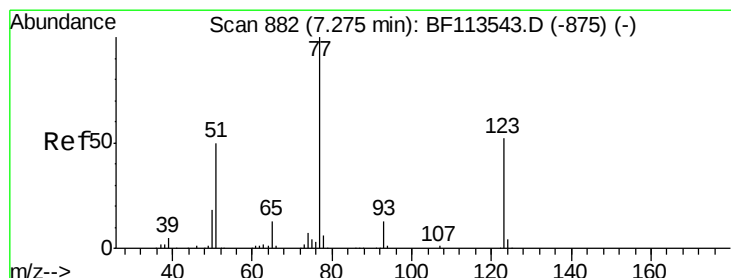
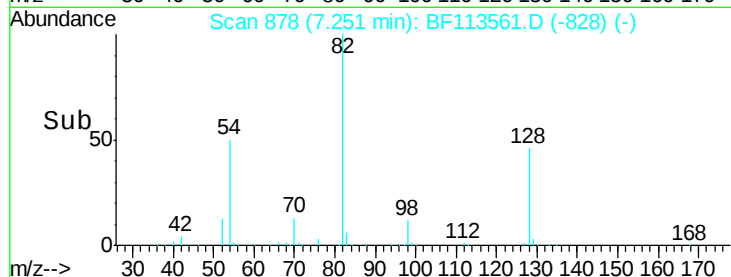
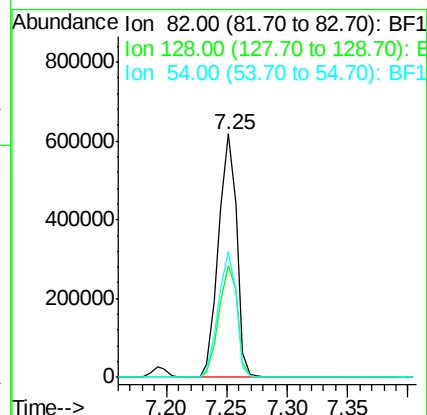
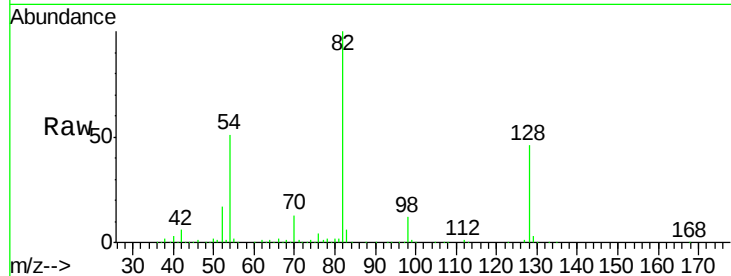




#23
Nitrobenzene-d5
Concen: 88.086 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

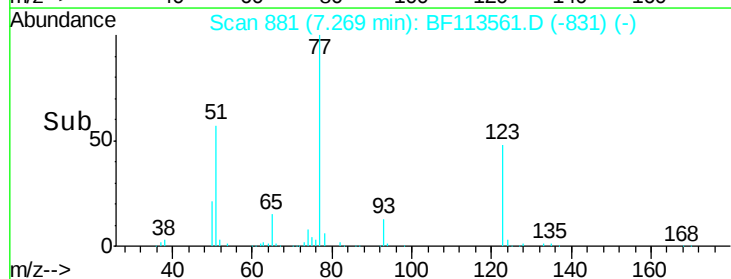
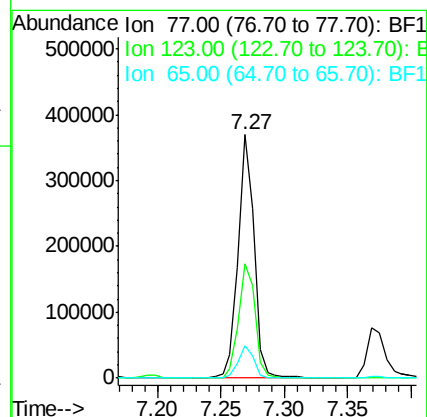
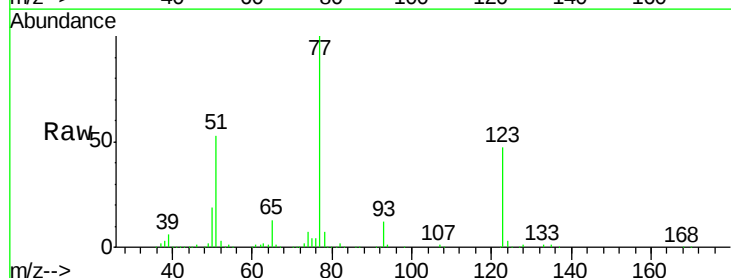
Instrument :
BNA_F
ClientSampleId :

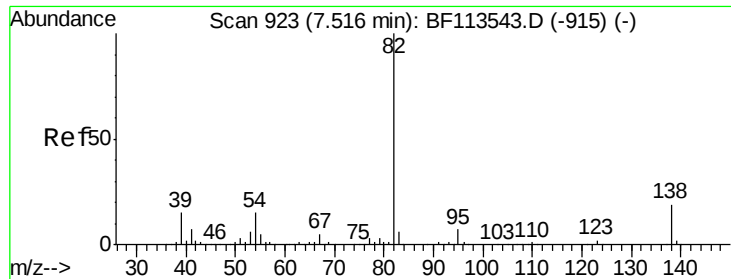
Tot Ion: 82 Resp: 635863
Ion Ratio Lower Upper
82 100
128 45.9 36.5 54.7
54 51.4 42.2 63.2



#24
Nitrobenzene
Concen: 42.805 ng
RT: 7.27 min Scan# 881
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion: 77 Resp: 318212
Ion Ratio Lower Upper
77 100
123 47.0 40.8 61.2
65 13.5 10.6 16.0

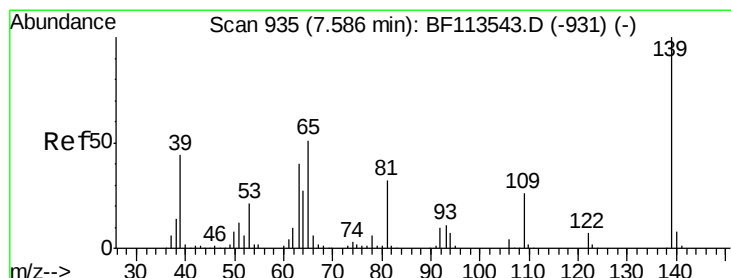
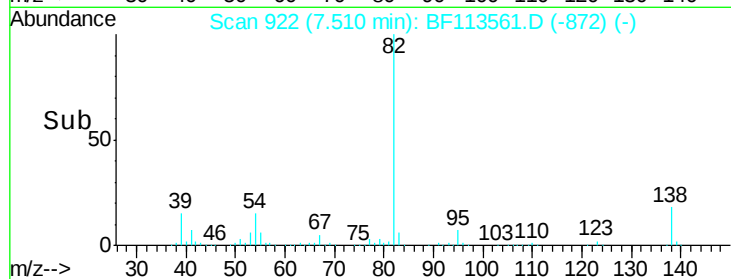
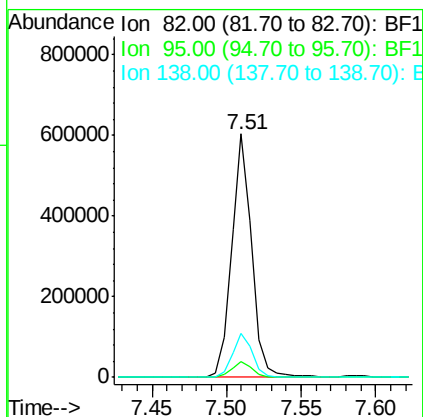
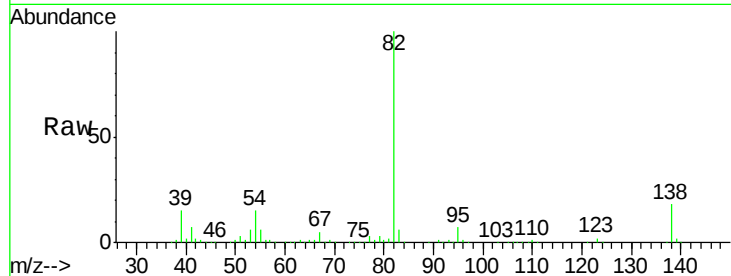




#25
Isophorone
Concen: 41.092 ng
RT: 7.51 min Scan# 922
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

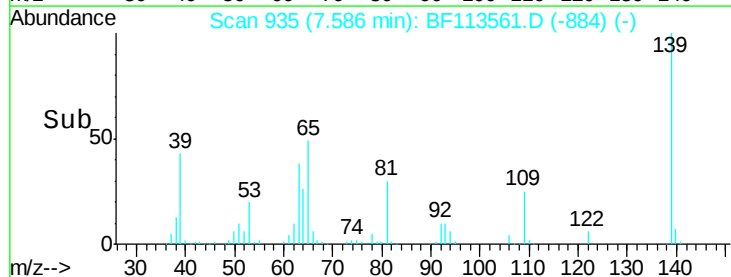
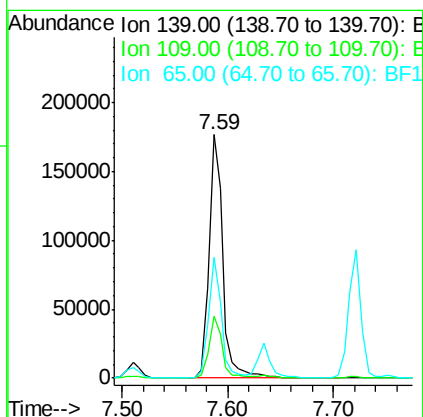
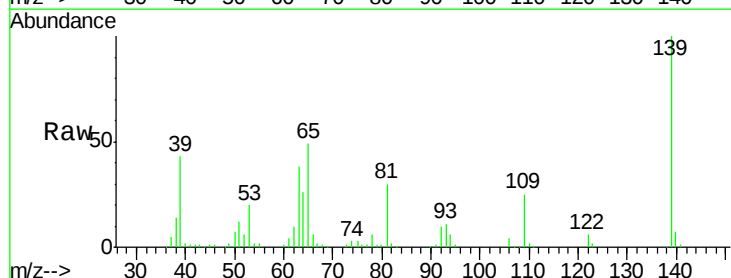
Instrument :
BNA_F
ClientSampleId :

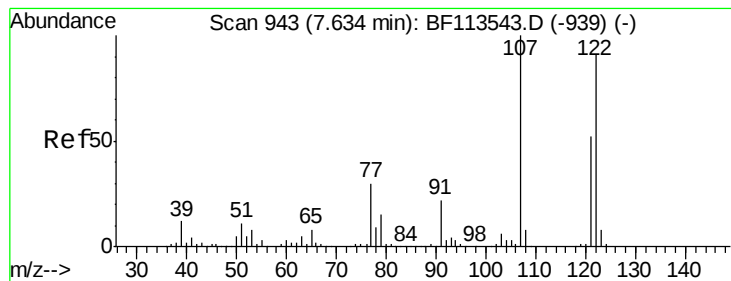
Tot Ion: 82 Resp: 571409
Ion Ratio Lower Upper
82 100
95 6.6 5.5 8.3
138 18.0 15.2 22.8



#26
2-Nitrophenol
Concen: 40.151 ng
RT: 7.59 min Scan# 935
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion: 139 Resp: 160645
Ion Ratio Lower Upper
139 100
109 25.5 21.7 32.5
65 49.5 41.6 62.4

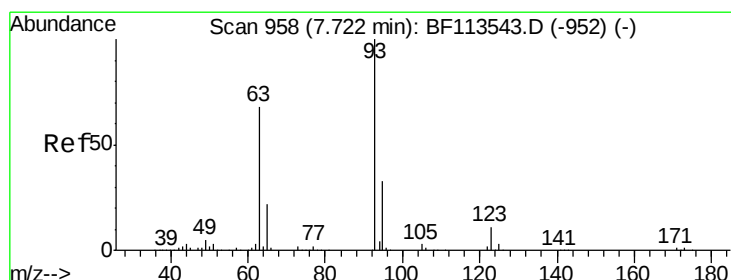
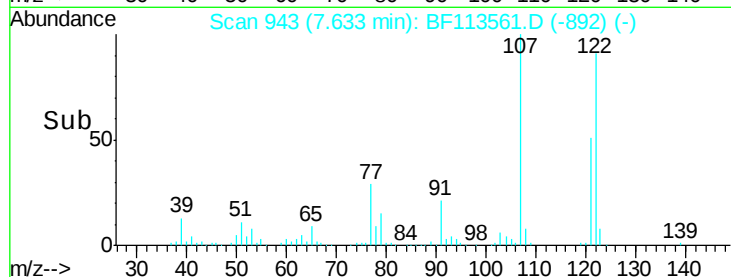
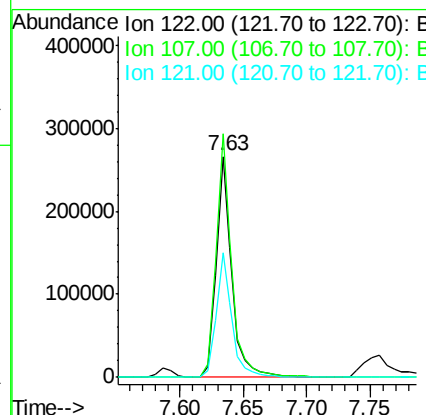
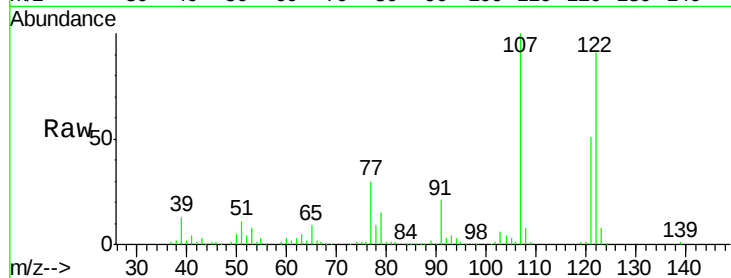




#27
 2,4-Dimethylphenol
 Concen: 40.294 ng
 RT: 7.63 min Scan# 943
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

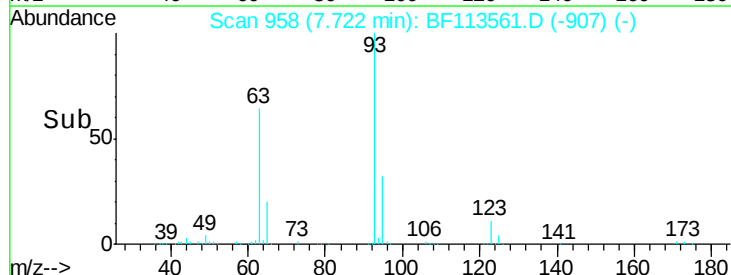
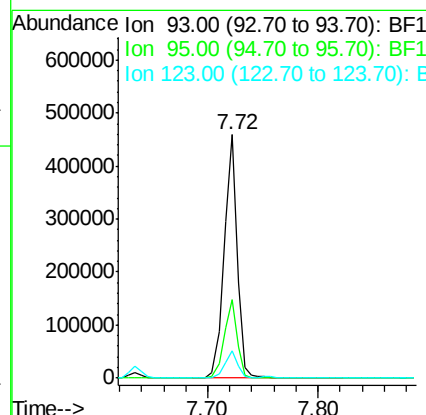
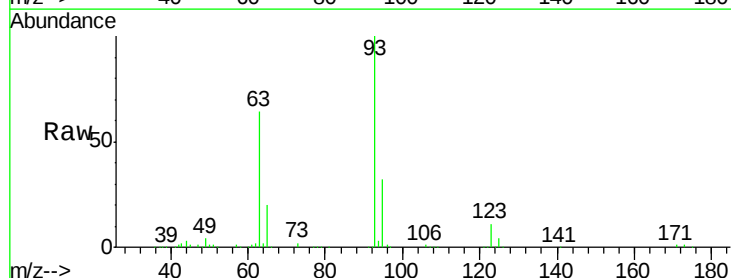
Instrument :
 BNA_F
 ClientSampleId :

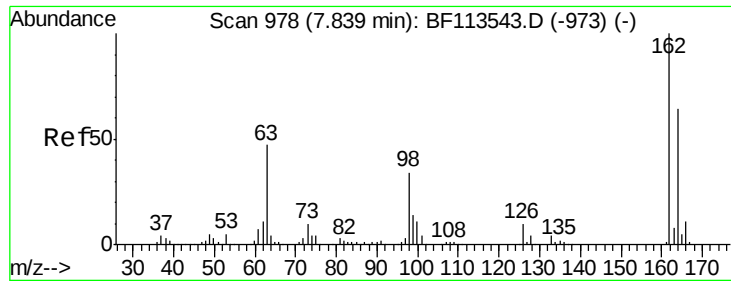
Tot Ion:122 Resp: 230478
 Ion Ratio Lower Upper
 122 100
 107 110.1 88.8 133.2
 121 56.1 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.091 ng
 RT: 7.72 min Scan# 958
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion: 93 Resp: 378838
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.0 39.0
 123 11.1 9.1 13.7

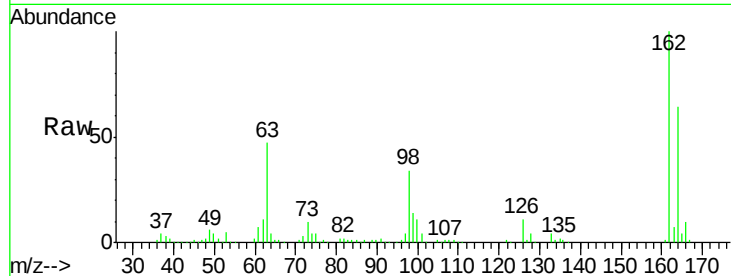




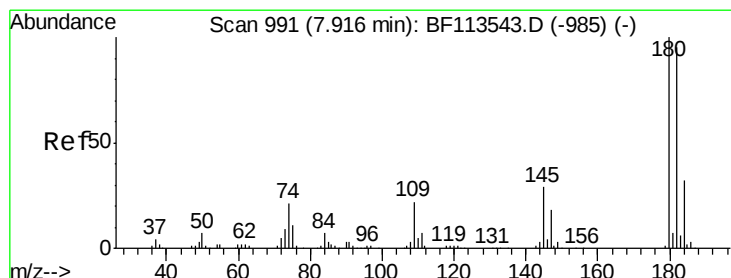
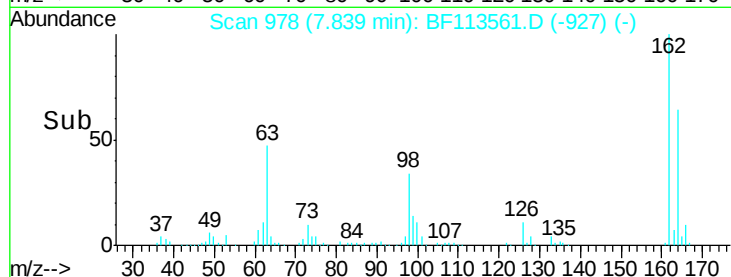
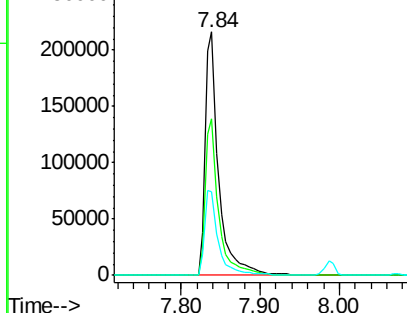
#29
 2,4-Dichlorophenol
 Concen: 42.138 ng
 RT: 7.84 min Scan# 978
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.1	44.6	84.6
98	34.4	15.6	55.6

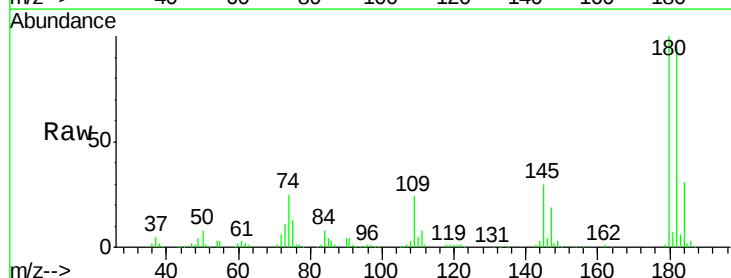


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

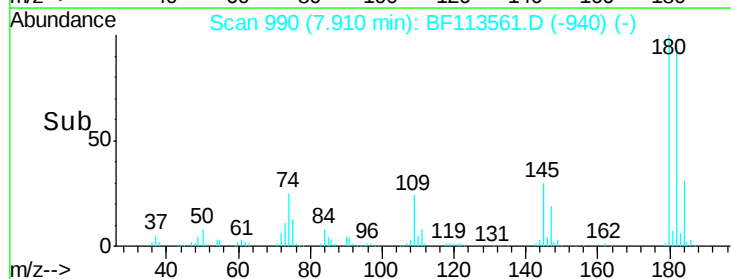
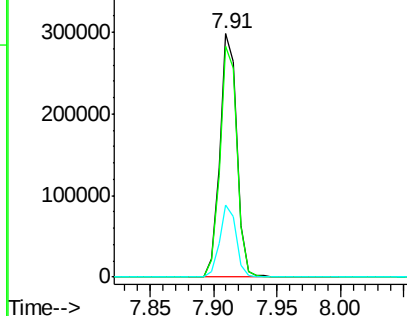


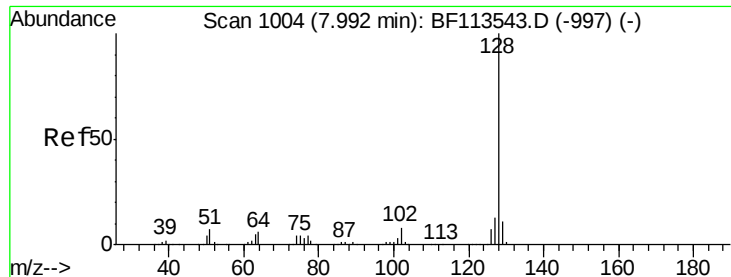
#30
 1,2,4-Trichlorobenzene
 Concen: 42.309 ng
 RT: 7.91 min Scan# 990
 Delta R.T. -0.01 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.9	74.6	111.8
145	29.7	23.4	35.0



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

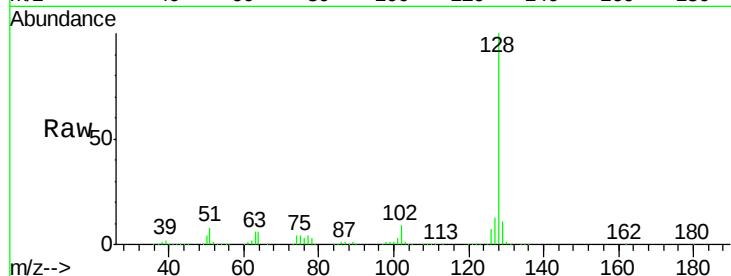




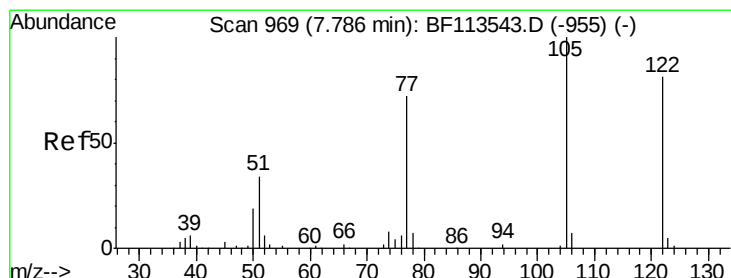
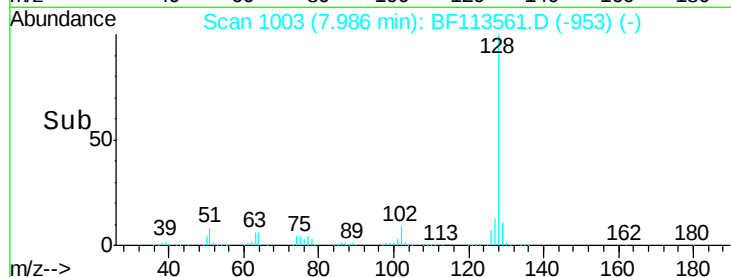
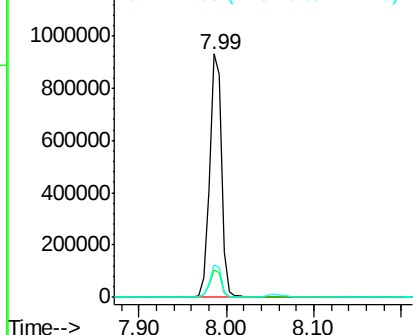
#31
Naphthalene
Concen: 43.118 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 883368
Ion Ratio Lower Upper
128 100
129 11.5 9.3 13.9
127 13.1 10.9 16.3

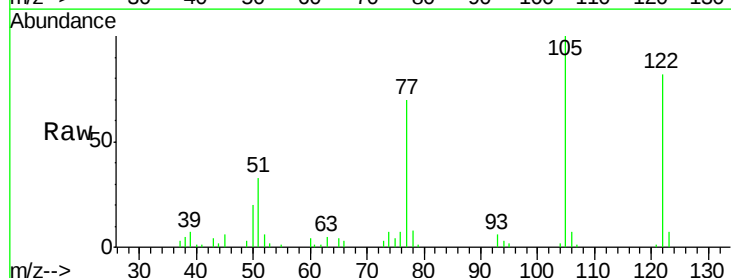


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

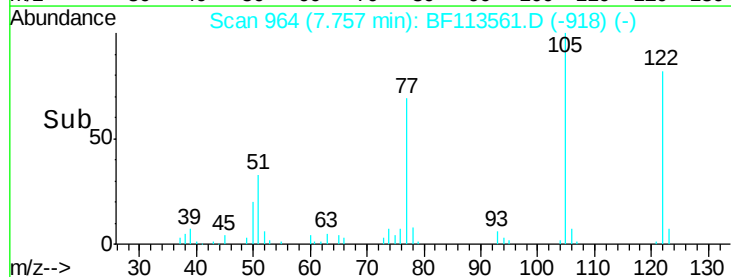
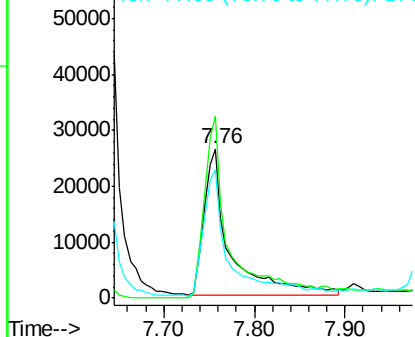


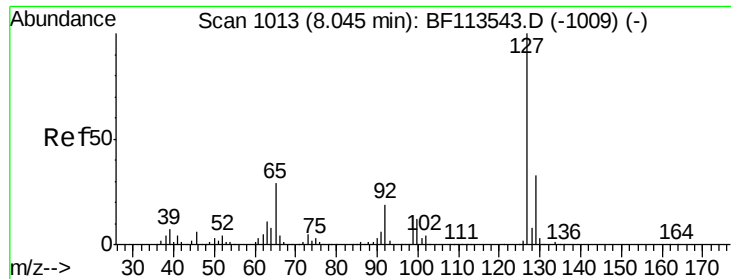
#32
Benzoic acid
Concen: 12.023 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:122 Resp: 53254
Ion Ratio Lower Upper
122 100
105 122.0 100.4 140.4
77 85.9 69.0 109.0



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

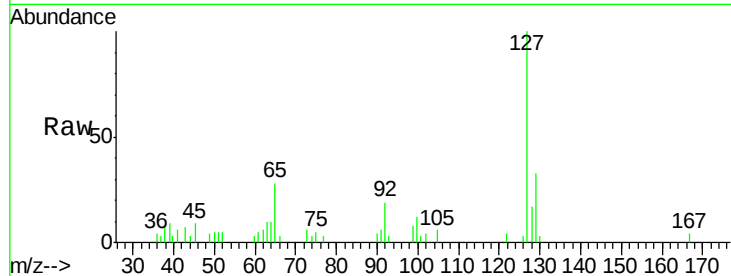




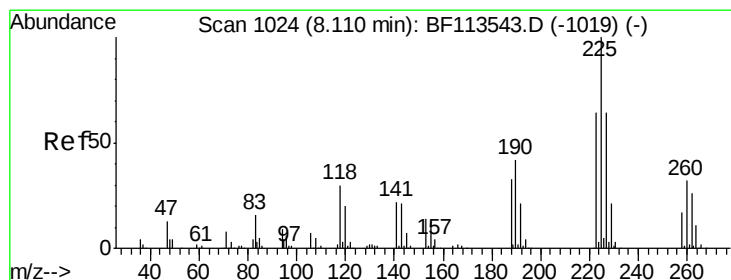
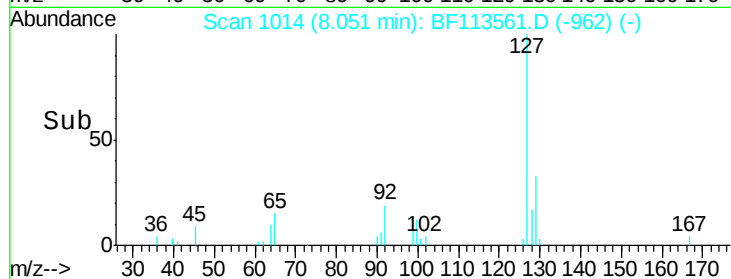
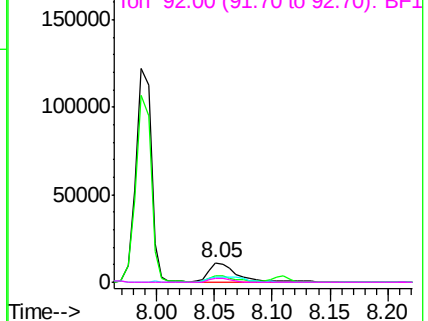
#33
4-Chloroaniline
Concen: 2.427 ng
RT: 8.05 min Scan# 1014
Delta R.T. 0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	19718
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.3	39.5
65	28.5	24.2	36.4
92	18.5	15.0	22.6

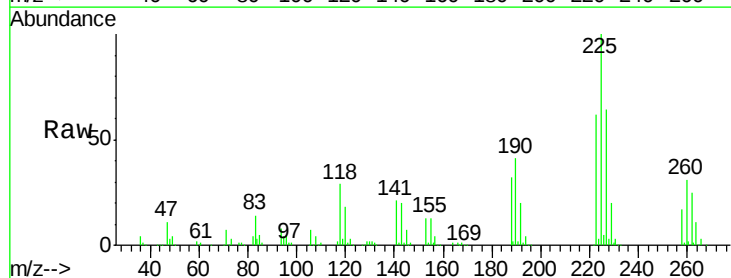


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

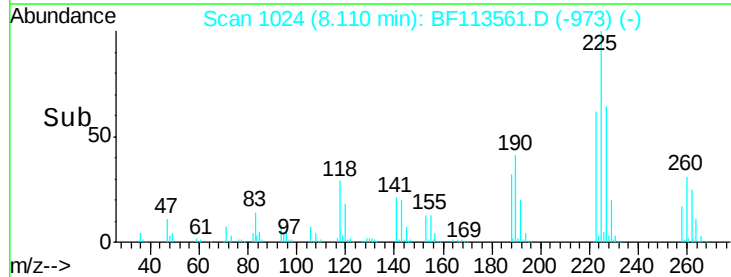
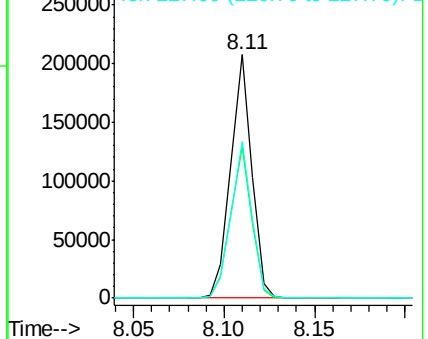


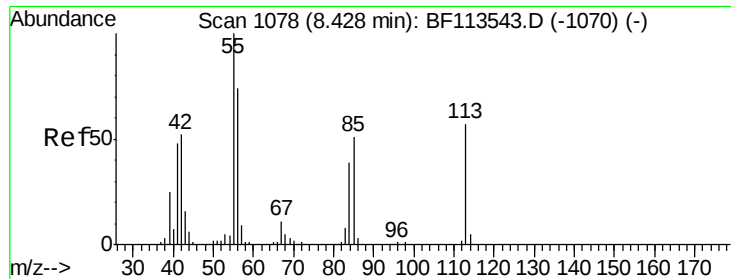
#34
Hexachlorobutadiene
Concen: 41.935 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:	225	Resp:	169913
Ion	Ratio	Lower	Upper
225	100		
223	62.2	51.4	77.2
227	64.1	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

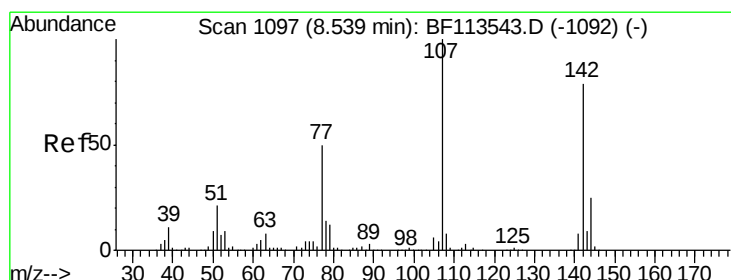
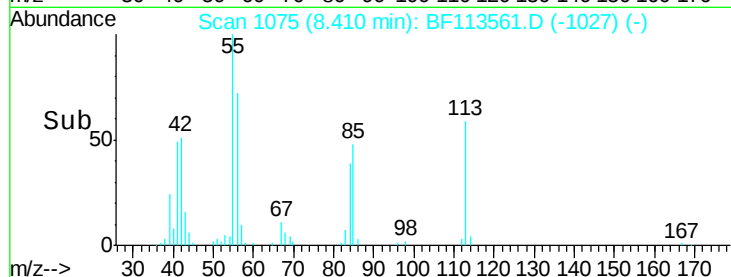
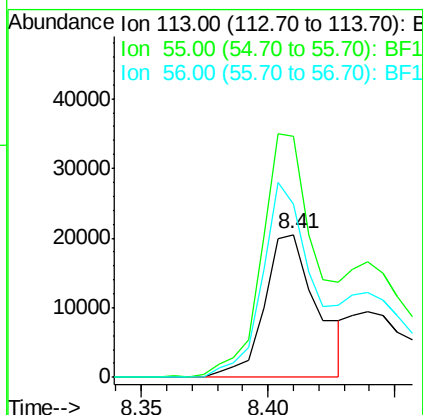
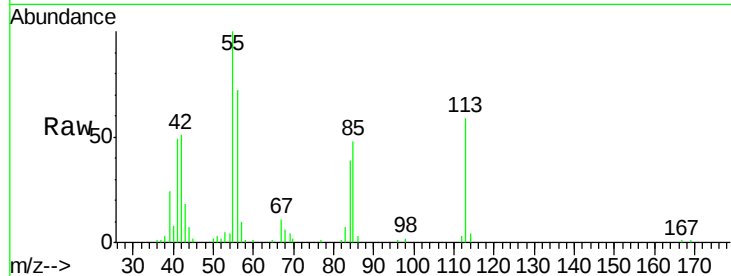




#35
 Caprolactam
 Concen: 15.214 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.02 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

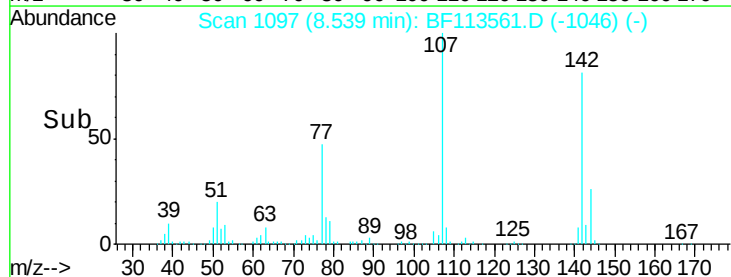
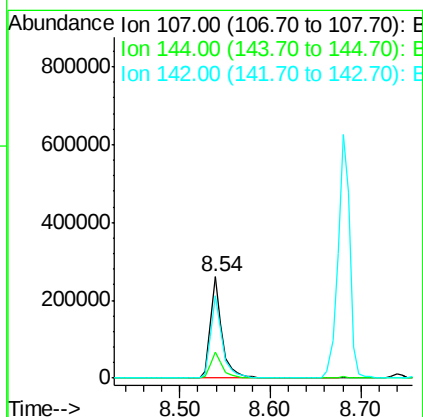
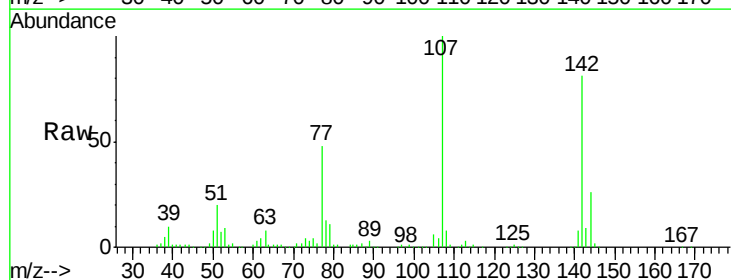
Instrument :
 BNA_F
 ClientSampleID :

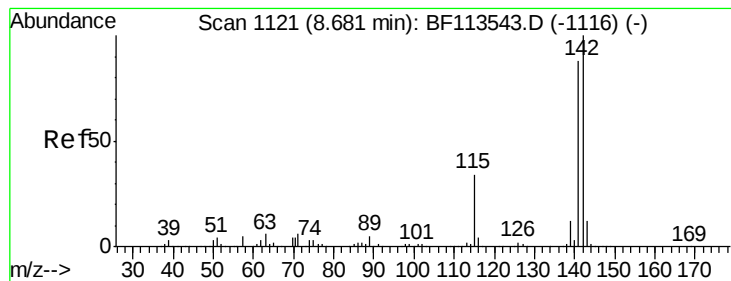
Tot Ion:113 Resp: 29556
 Ion Ratio Lower Upper
 113 100
 55 168.9 152.7 192.7
 56 121.8 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 38.742 ng
 RT: 8.54 min Scan# 1097
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion:107 Resp: 238007
 Ion Ratio Lower Upper
 107 100
 144 26.3 21.4 32.0
 142 81.2 65.6 98.4

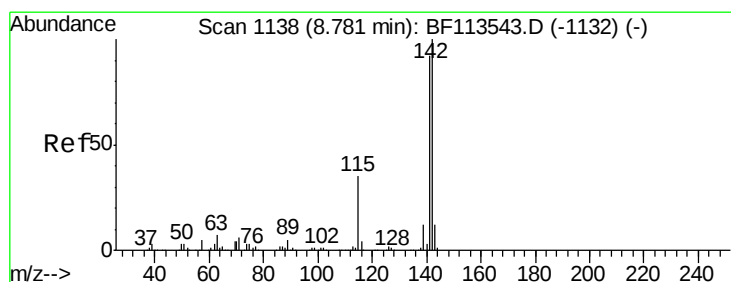
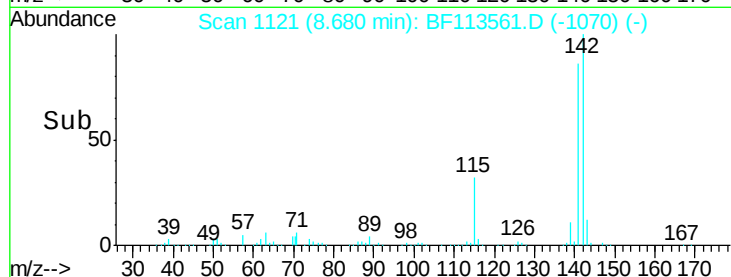
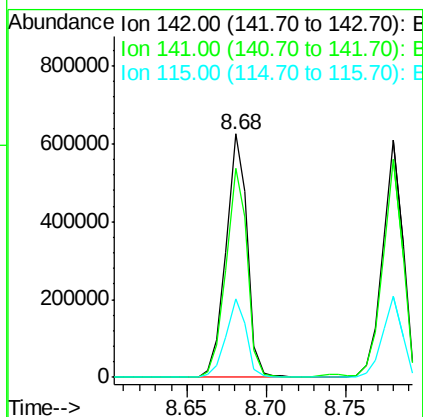
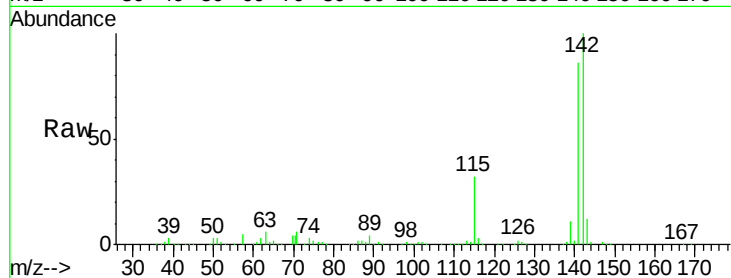




#37
2-Methylnaphthalene
Concen: 43.071 ng
RT: 8.68 min Scan# 1121
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

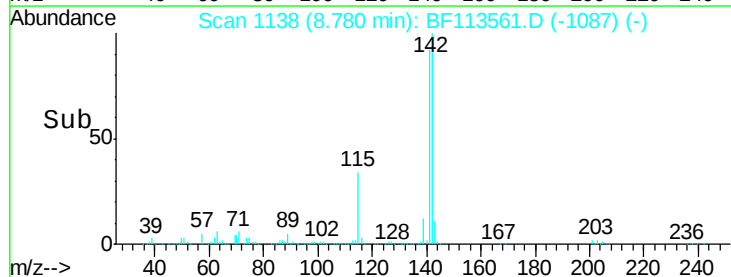
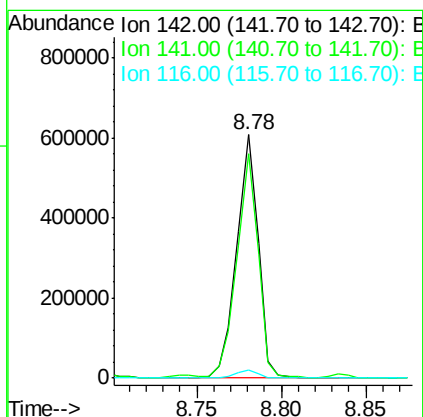
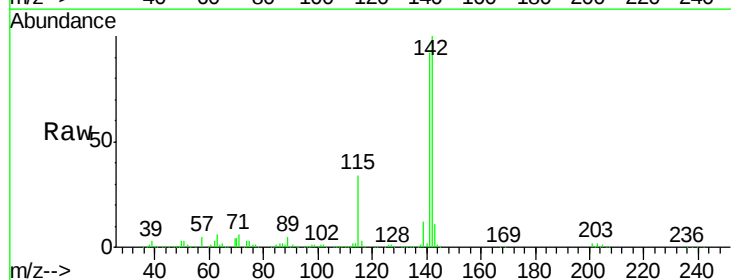
Instrument :
BNA_F
ClientSampleId :

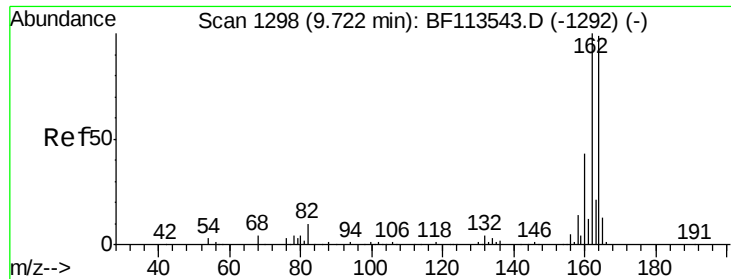
Tot Ion:142 Resp: 580356
Ion Ratio Lower Upper
142 100
141 86.0 71.0 106.6
115 32.4 26.6 39.8



#38
1-Methylnaphthalene
Concen: 41.322 ng
RT: 8.78 min Scan# 1138
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:142 Resp: 536890
Ion Ratio Lower Upper
142 100
141 92.2 73.2 109.8
116 3.5 3.0 4.4

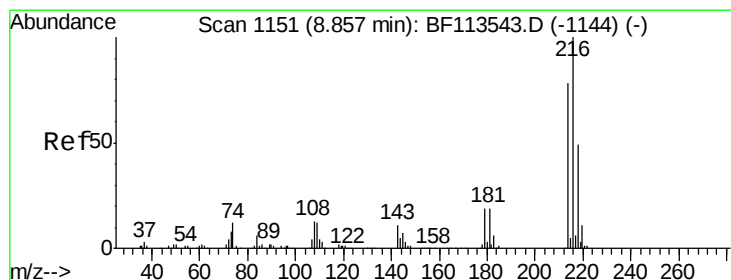
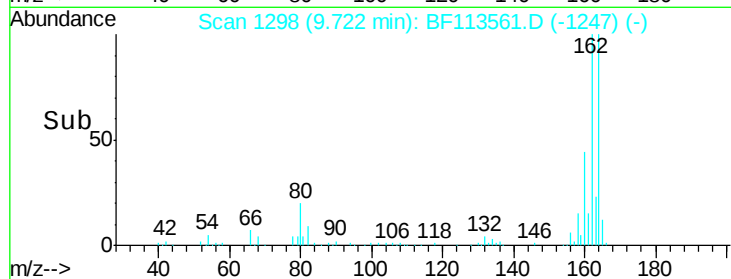
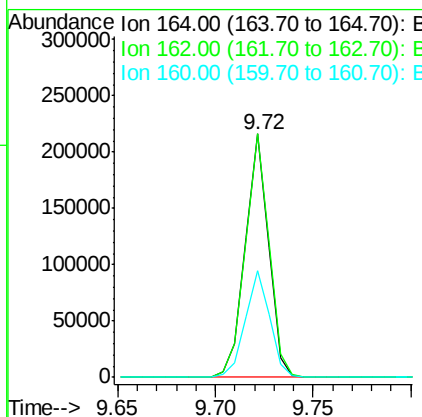
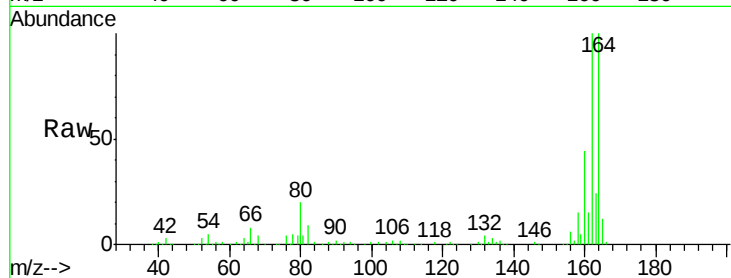




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.72 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

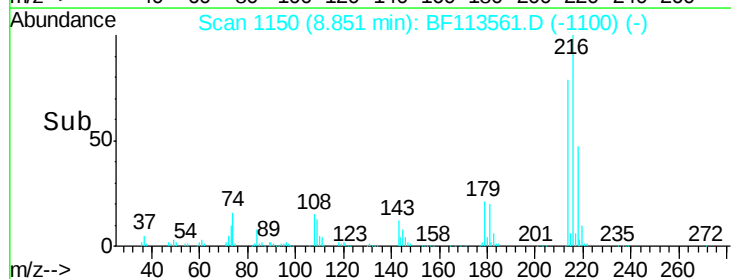
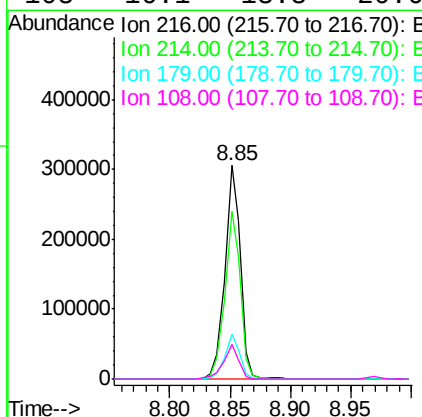
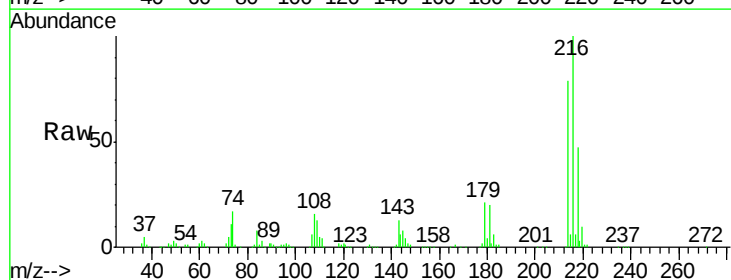
Instrument :
BNA_F
ClientSampled :

Tot Ion:164 Resp: 180714
Ion Ratio Lower Upper
164 100
162 100.1 81.8 122.6
160 44.0 36.4 54.6



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.397 ng
RT: 8.85 min Scan# 1150
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:216 Resp: 271166
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.6
179 19.9 16.8 25.2
108 16.1 13.8 20.6

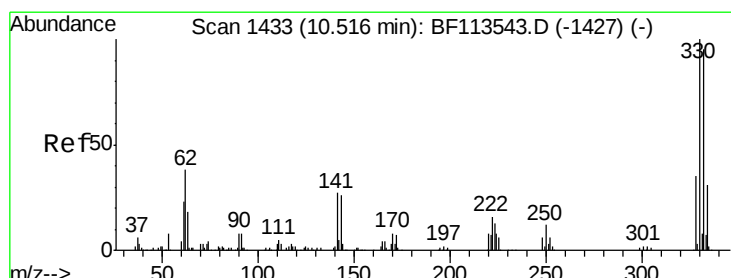
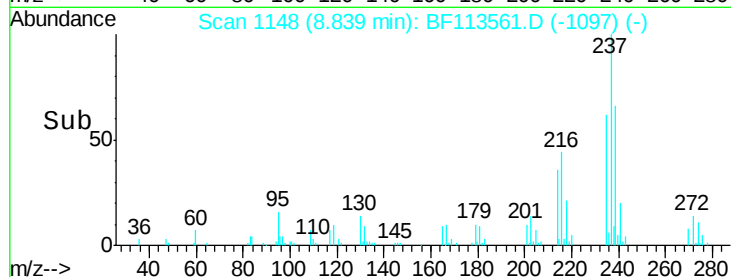
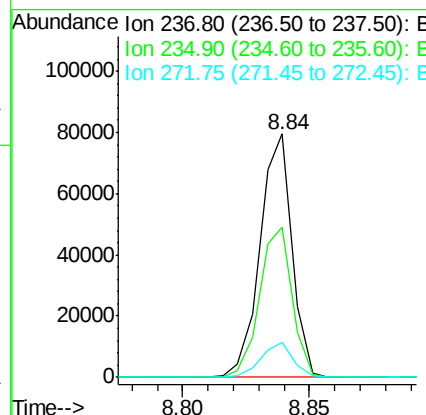
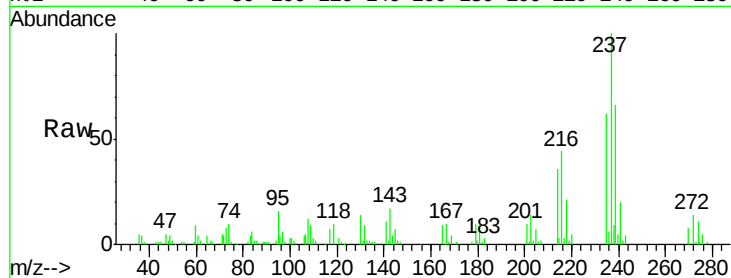




#41
Hexachlorocyclopentadiene
Concen: 41.765 ng
RT: 8.84 min Scan# 1148
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

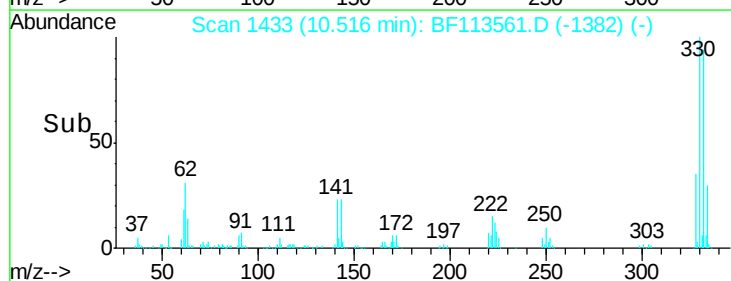
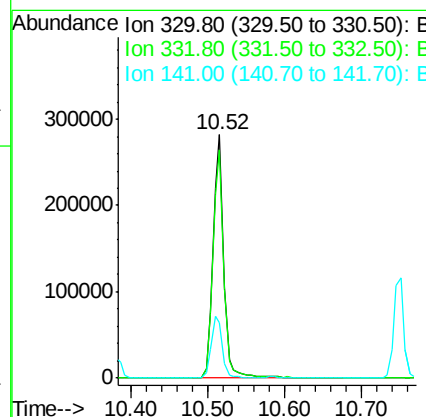
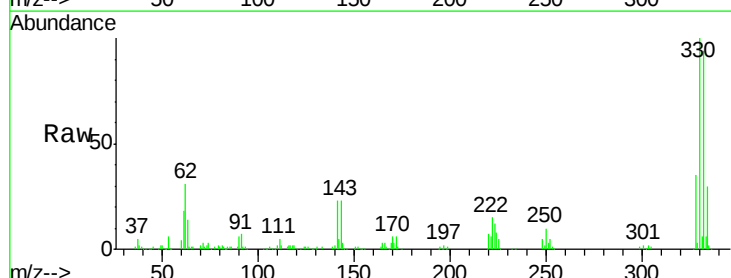
Instrument :
BNA_F
ClientSampleId :

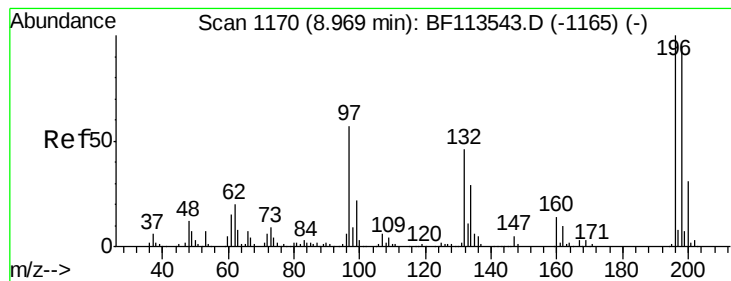
Tot Ion:237 Resp: 69715
Ion Ratio Lower Upper
237 100
235 61.8 43.4 83.4
272 14.5 0.0 33.7



#42
2,4,6-Tribromophenol
Concen: 124.491 ng
RT: 10.52 min Scan# 1433
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:330 Resp: 270248
Ion Ratio Lower Upper
330 100
332 95.3 77.8 116.6
141 26.8 22.7 34.1





#43

2,4,6-Trichlorophenol

Concen: 45.445 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

ClientSampled :

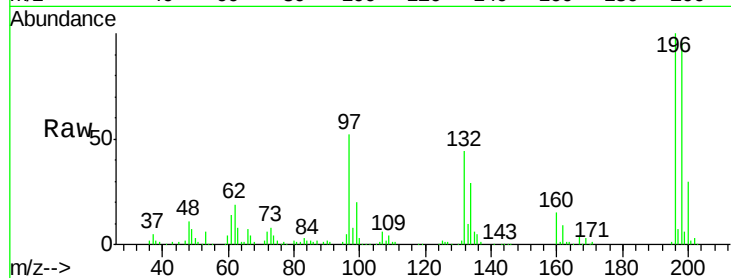
Tot Ion:196 Resp: 167653

Ion Ratio Lower Upper

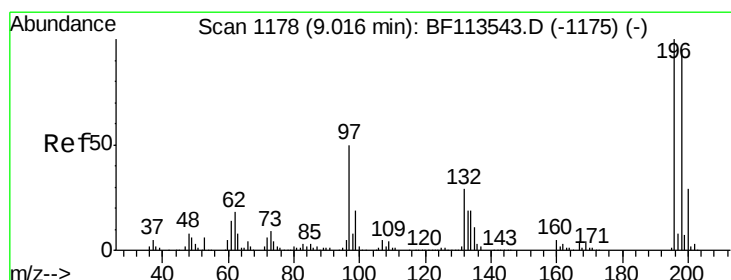
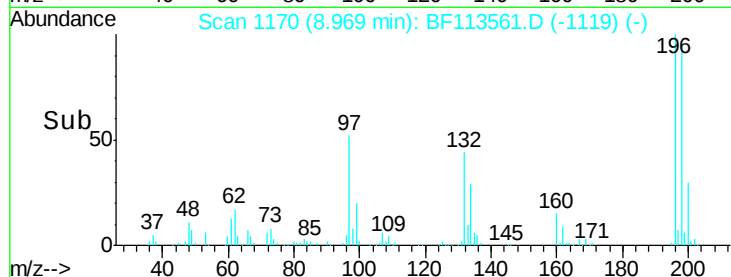
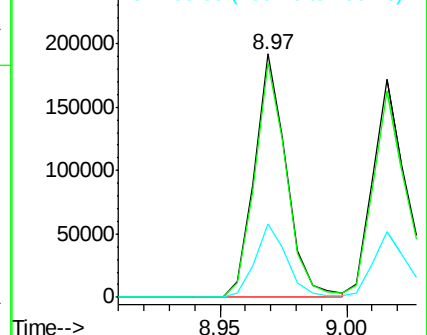
196 100

198 96.2 77.7 116.5

200 30.1 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: 44.364 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Tgt Ion:196 Resp: 175710

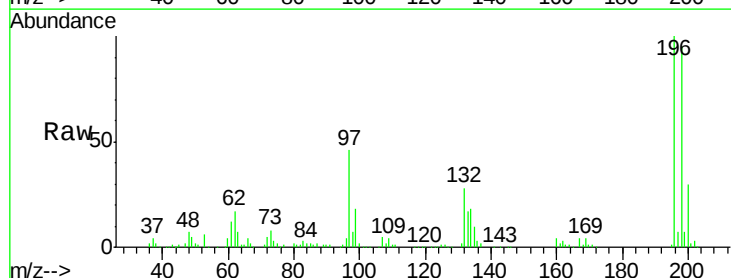
Ion Ratio Lower Upper

196 100

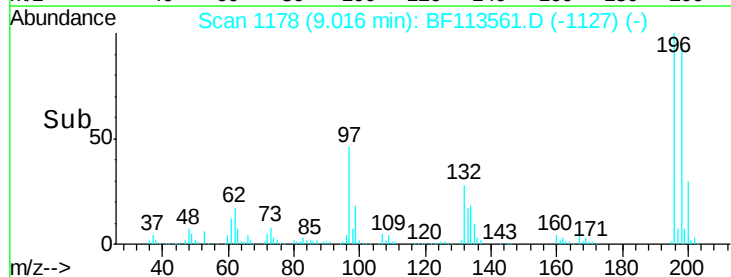
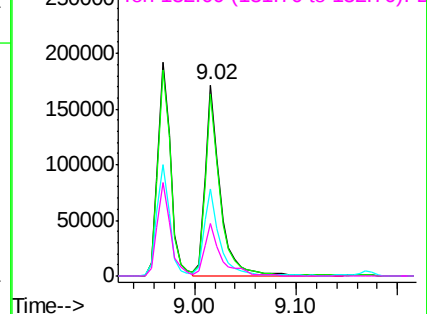
198 94.9 75.4 113.2

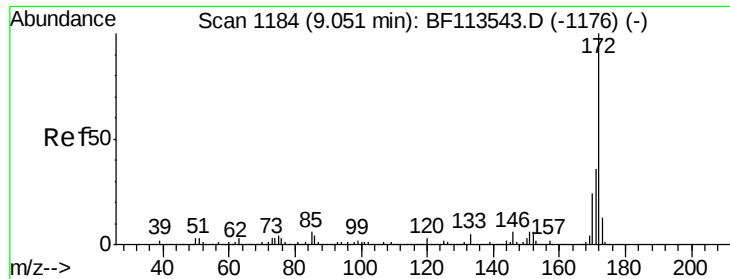
97 45.7 38.6 58.0

132 27.6 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

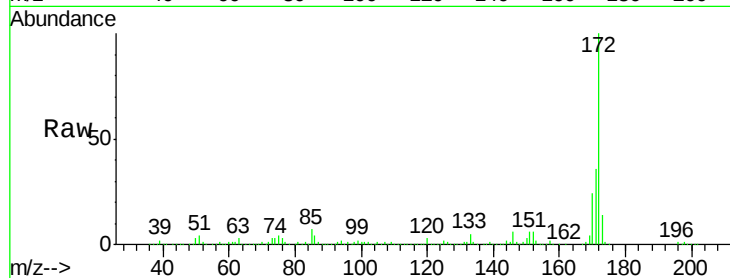




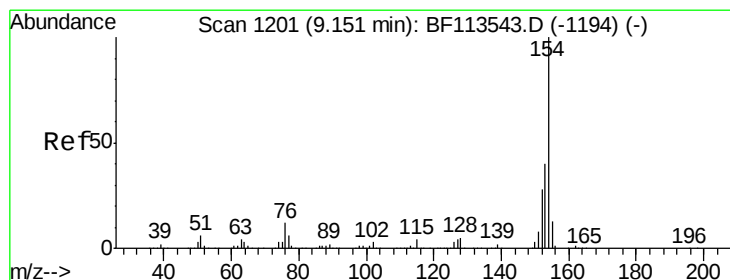
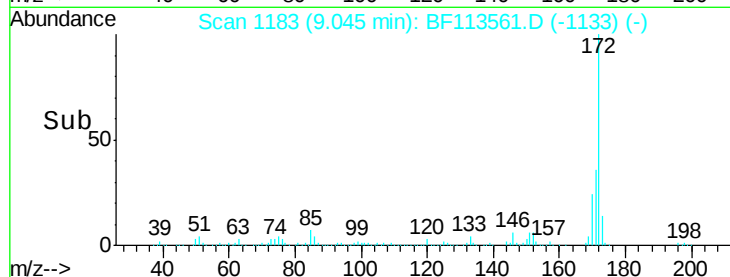
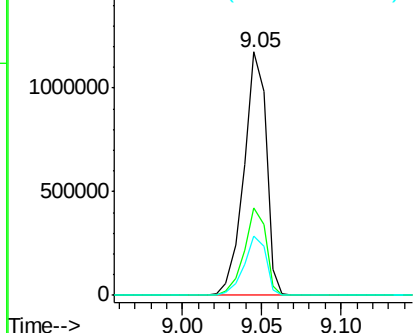
#45
2-Fluorobiphenyl
Concen: 102.096 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1146052
Ion Ratio Lower Upper
172 100
171 36.1 29.0 43.6
170 24.2 19.5 29.3

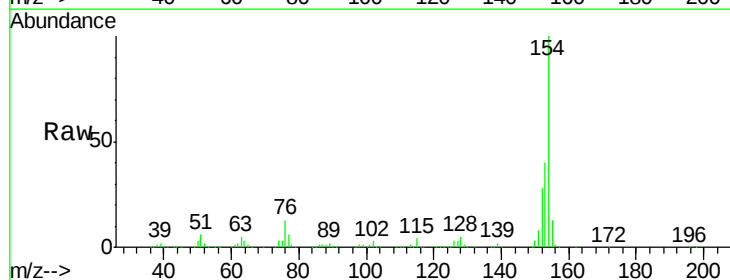


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

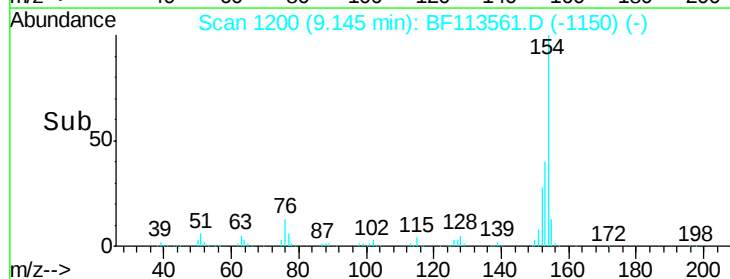
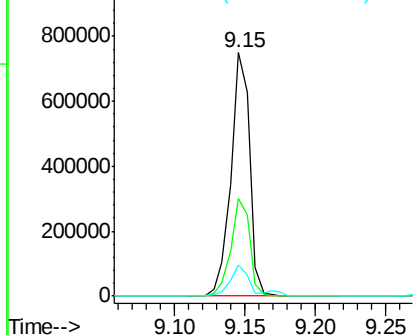


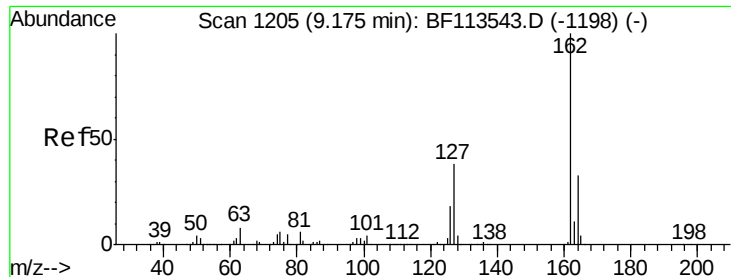
#46
1,1'-Biphenyl
Concen: 46.324 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:154 Resp: 690802
Ion Ratio Lower Upper
154 100
153 40.1 20.8 60.8
76 12.9 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

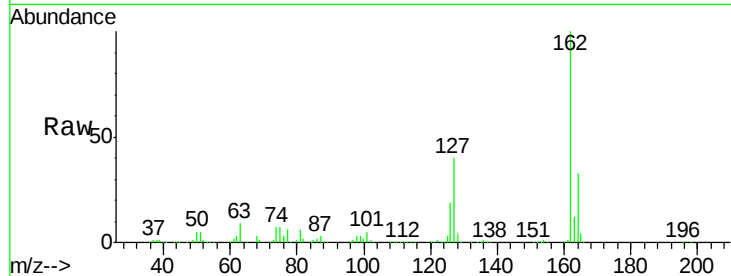




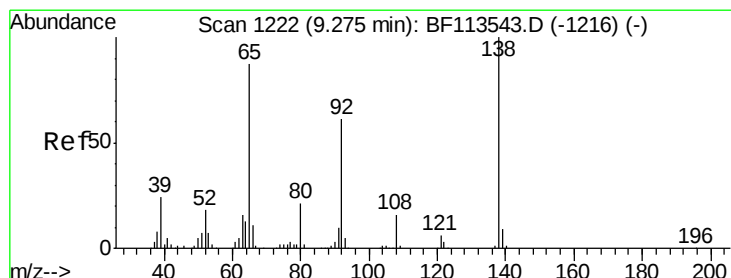
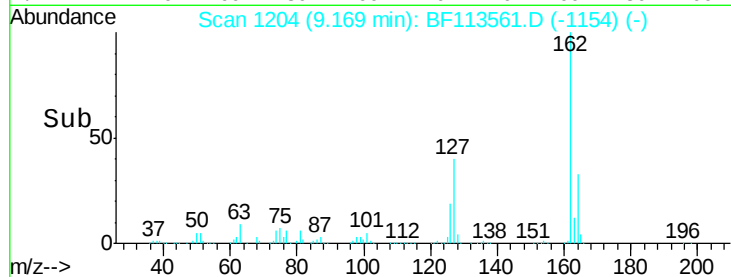
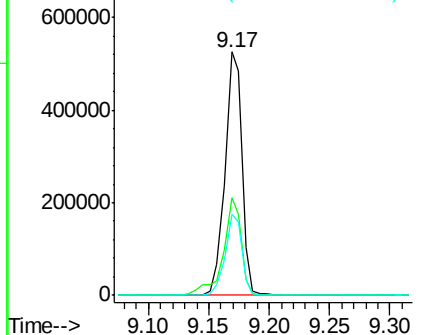
#47
 2-Chloronaphthalene
 Concen: 45.442 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.0	32.6	49.0
164	33.5	26.6	39.8

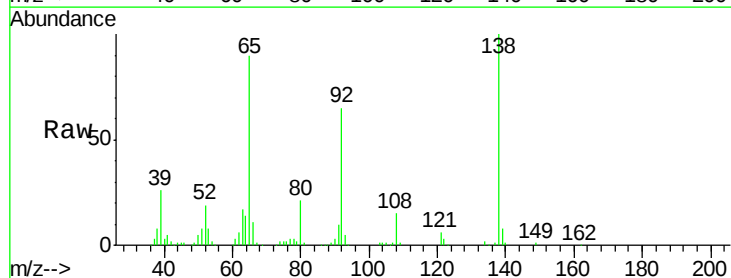


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

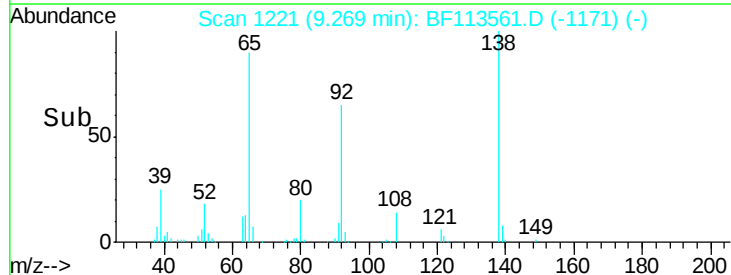
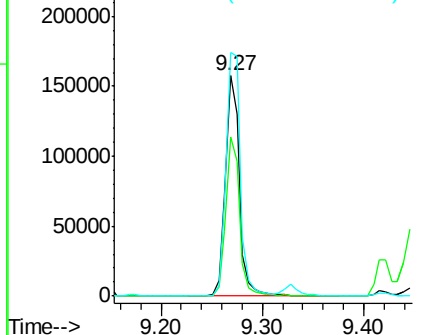


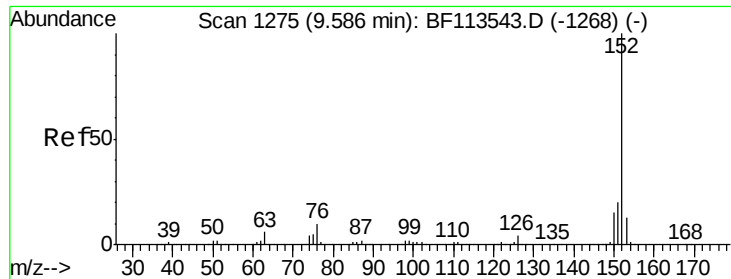
#48
 2-Nitroaniline
 Concen: 43.673 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.1	56.8	85.2
138	110.5	92.3	138.5



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





#49

Acenaphthylene

Concen: 43.578 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

ClientSampled :

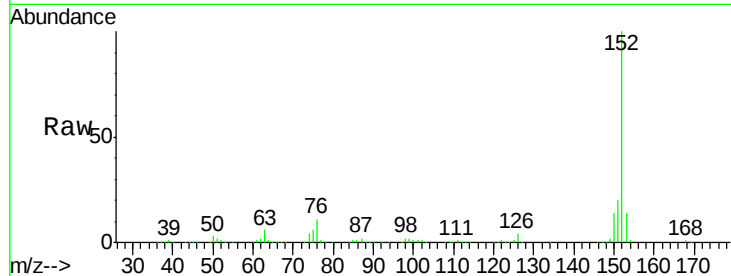
Tot Ion:152 Resp: 800090

Ion Ratio Lower Upper

152 100

151 19.9 16.2 24.4

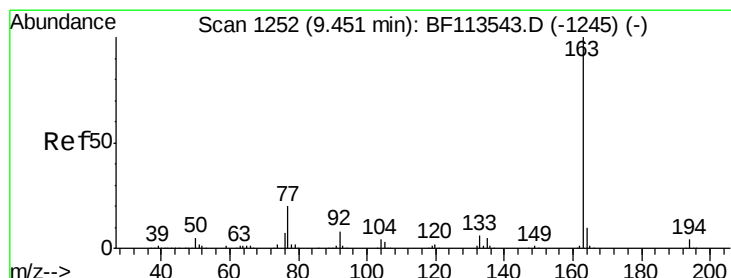
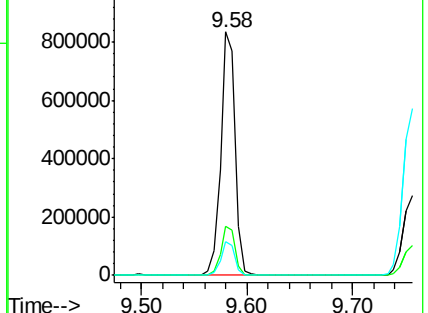
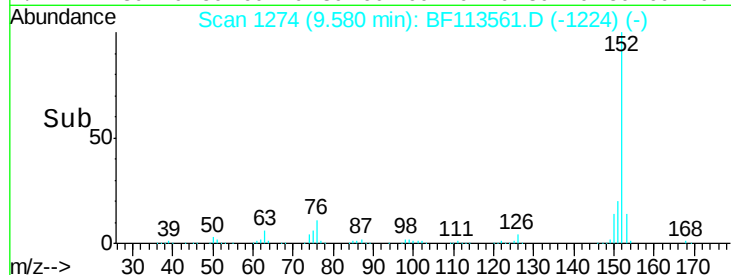
153 13.6 11.0 16.6



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: 45.251 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

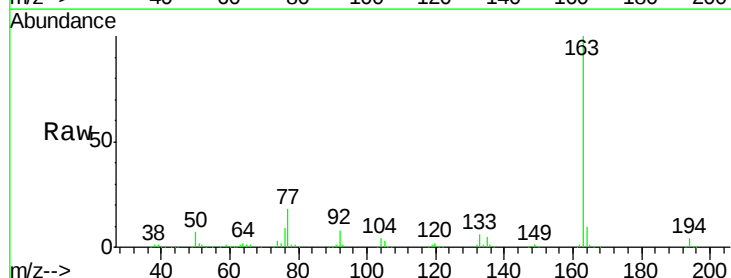
Tgt Ion:163 Resp: 602788

Ion Ratio Lower Upper

163 100

194 3.9 3.0 4.6

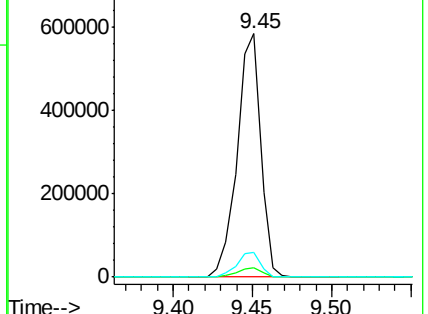
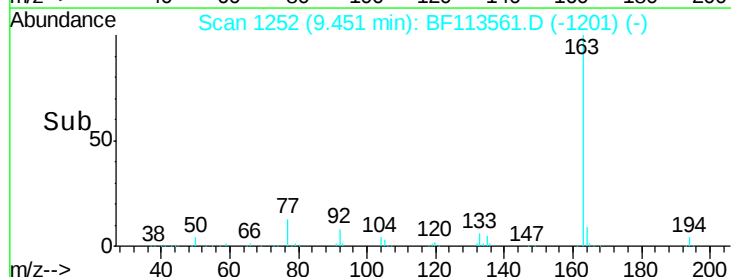
164 10.0 8.1 12.1

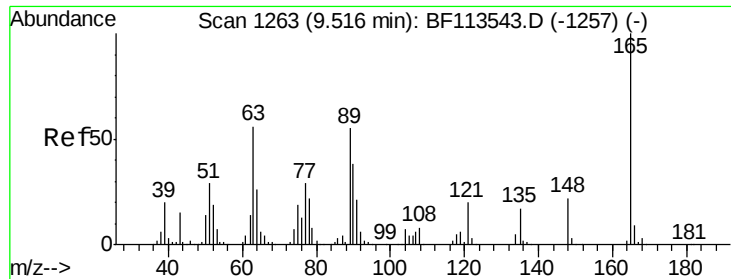


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 42.019 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

ClientSampled :

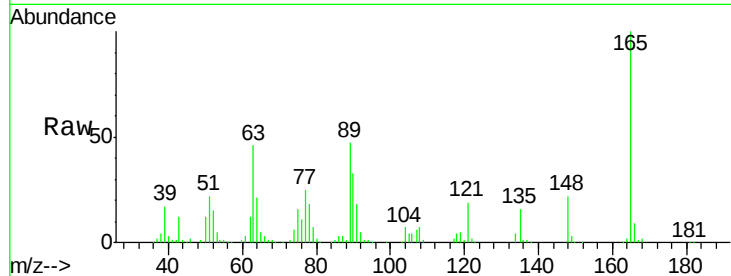
Tot Ion:165 Resp: 123382

Ion Ratio Lower Upper

165 100

63 45.7 43.4 65.0

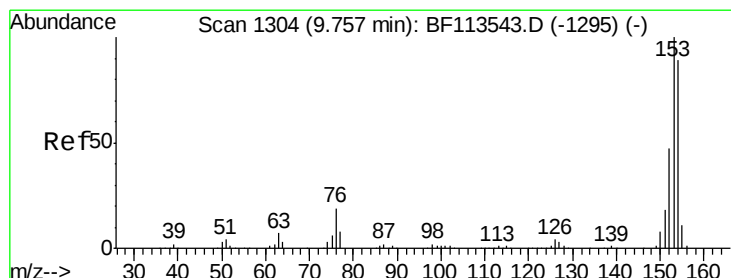
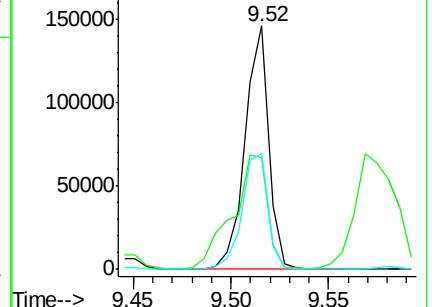
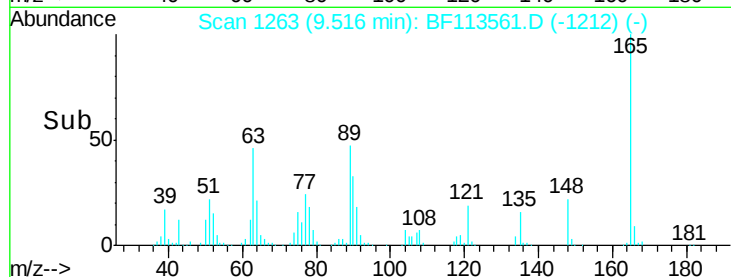
89 47.4 43.1 64.7



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: 44.041 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

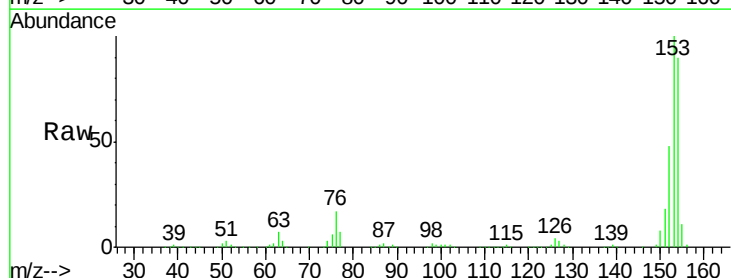
Tgt Ion:154 Resp: 462859

Ion Ratio Lower Upper

154 100

153 110.7 89.5 134.3

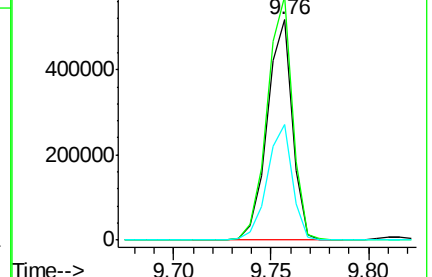
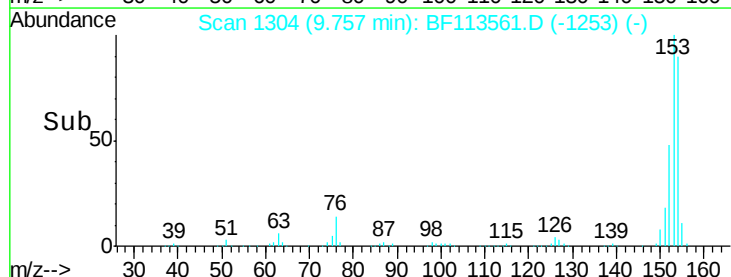
152 52.7 43.3 64.9

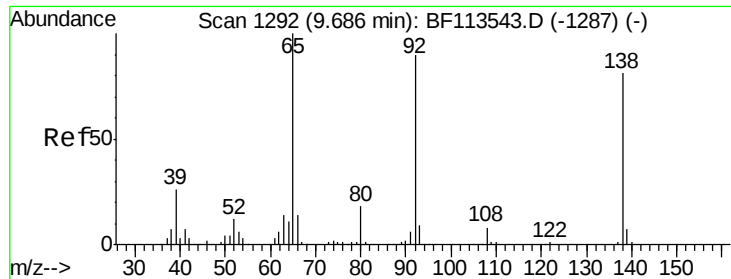


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

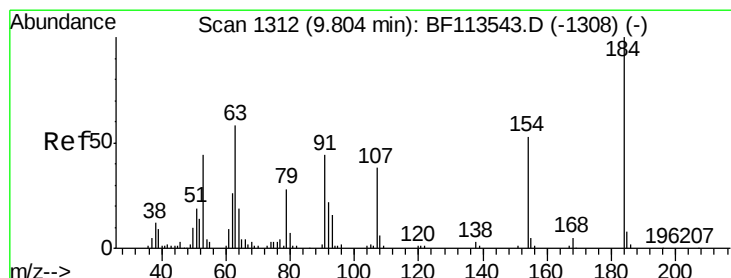
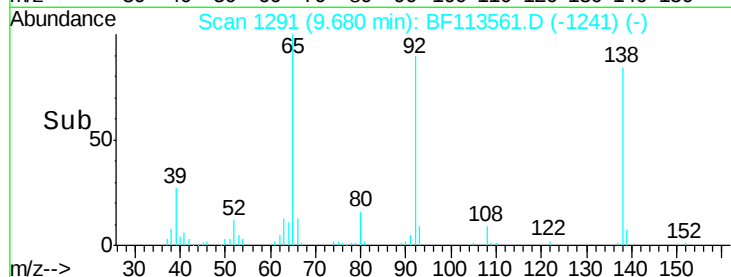
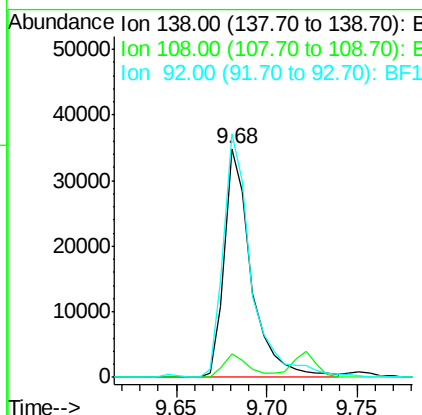
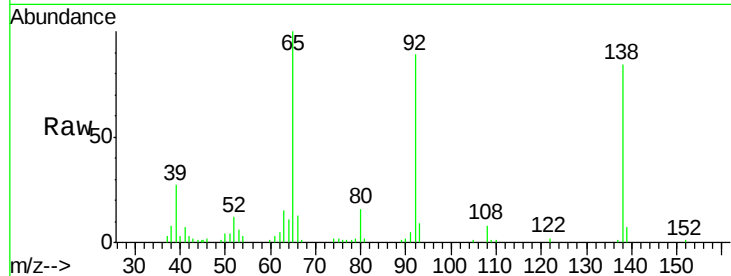




#53
 3-Nitroaniline
 Concen: 10.851 ng
 RT: 9.68 min Scan# 1291
 Delta R.T. -0.01 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

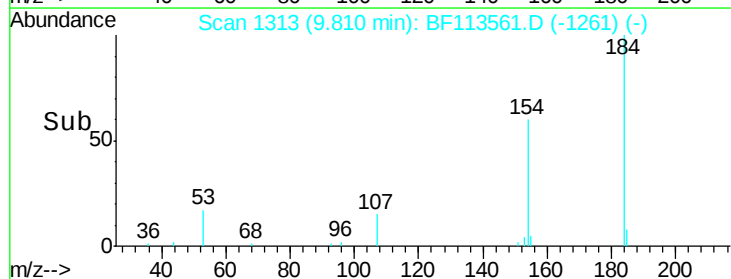
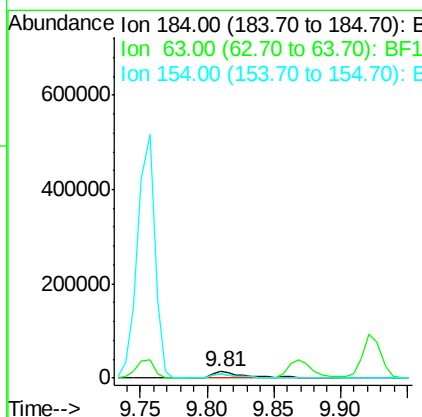
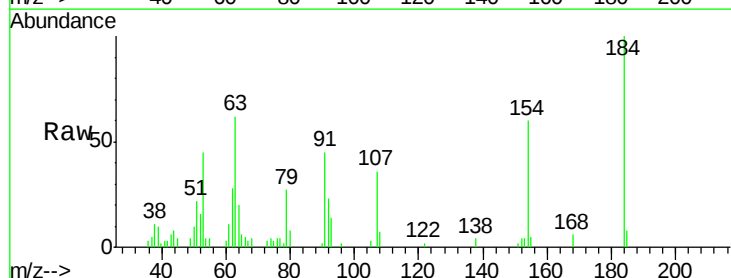
Instrument :
 BNA_F
 ClientSampleID :

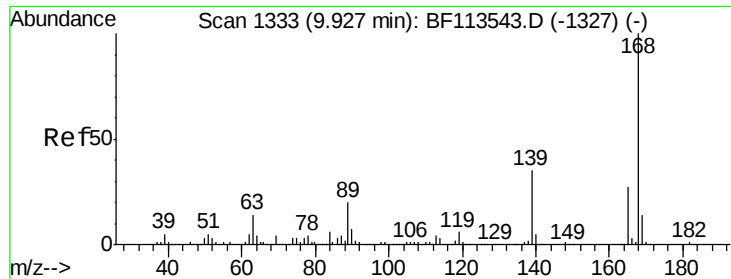
Tot Ion:138 Resp: 36226
 Ion Ratio Lower Upper
 138 100
 108 10.2 7.8 11.6
 92 106.5 82.6 124.0



#54
 2,4-Dinitrophenol
 Concen: 17.032 ng
 RT: 9.81 min Scan# 1313
 Delta R.T. 0.01 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion:184 Resp: 23398
 Ion Ratio Lower Upper
 184 100
 63 61.7 54.3 81.5
 154 60.2 48.4 72.6

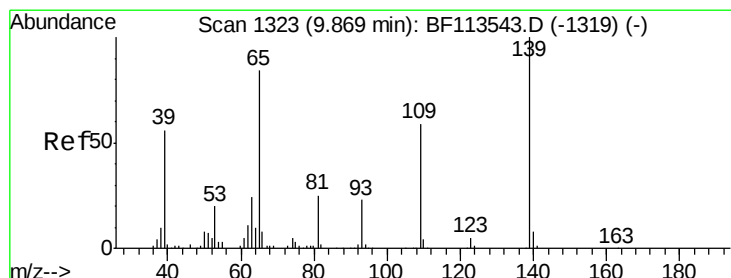
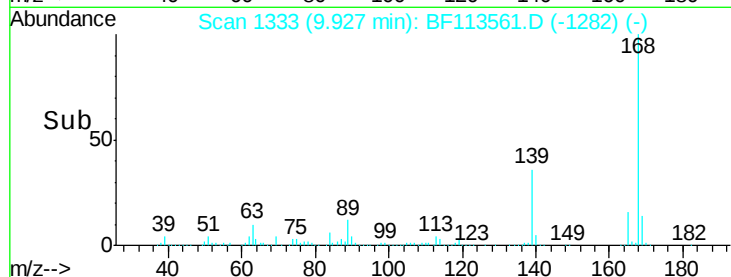
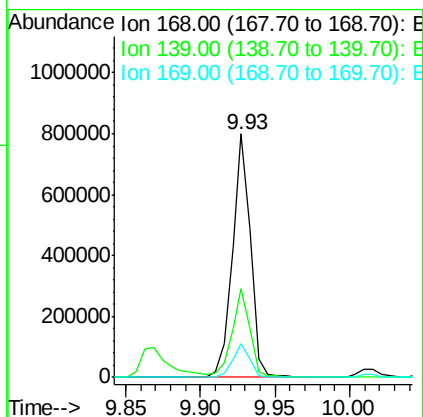
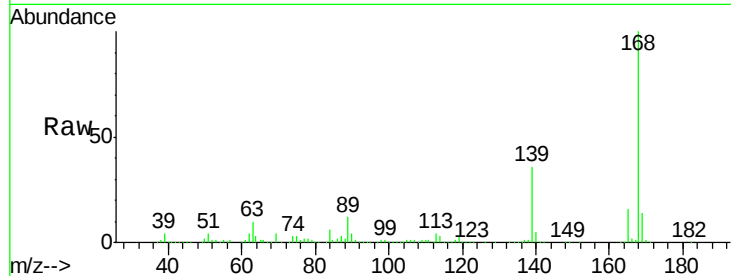




#55
Dibenzenofuran
Concen: 44.327 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

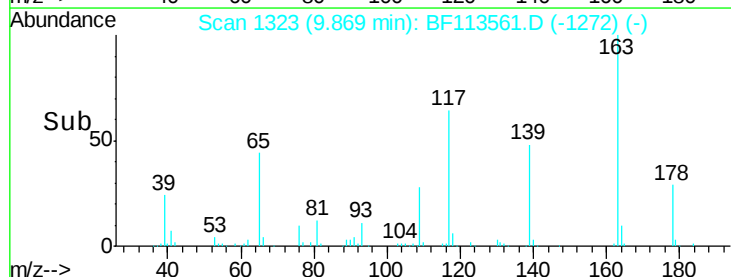
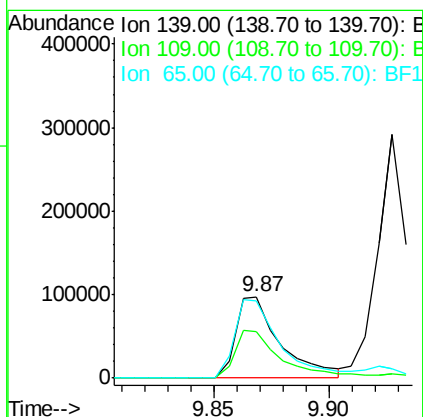
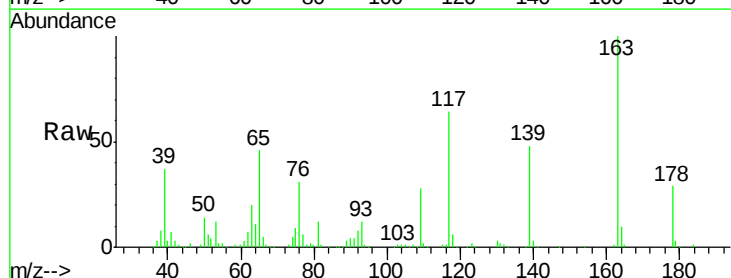
Instrument :
BNA_F
ClientSampleId :

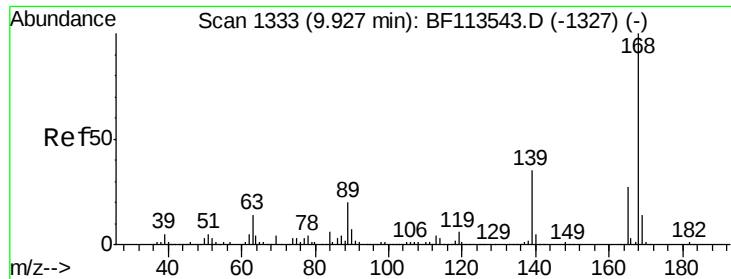
Tot Ion:168 Resp: 683378
Ion Ratio Lower Upper
168 100
139 36.5 29.7 44.5
169 13.6 10.7 16.1



#56
4-Nitrophenol
Concen: 63.205 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:139 Resp: 130893
Ion Ratio Lower Upper
139 100
109 58.0 46.9 86.9
65 94.9 77.2 117.2

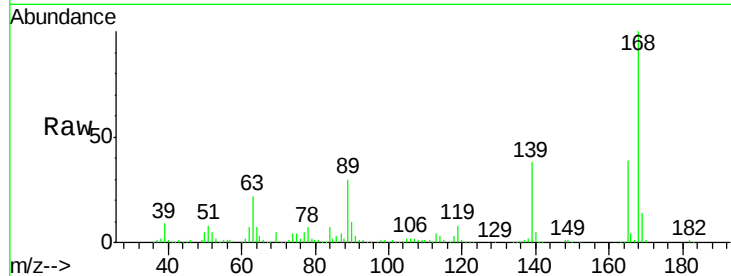




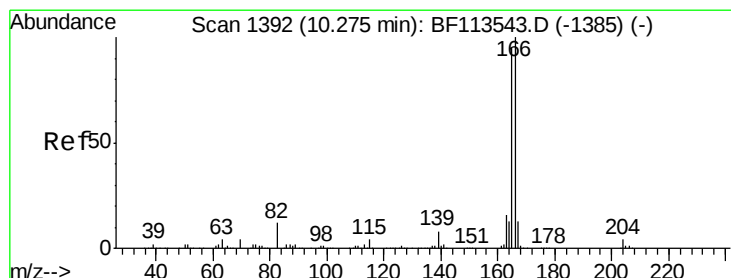
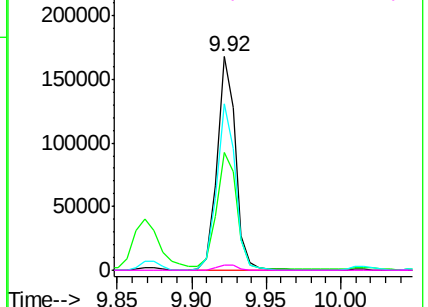
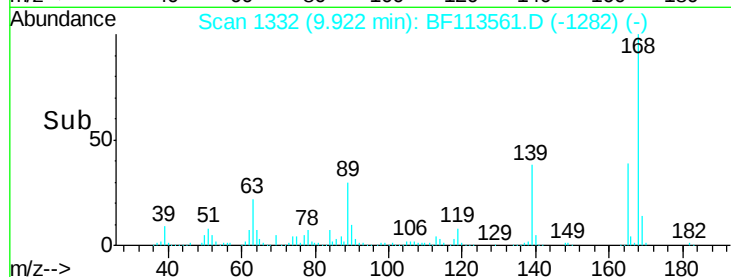
#57
2,4-Dinitrotoluene
Concen: 40.903 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 145258
Ion Ratio Lower Upper
165 100
63 55.4 37.5 56.3
89 77.9 57.4 86.2
182 2.5 2.0 3.0

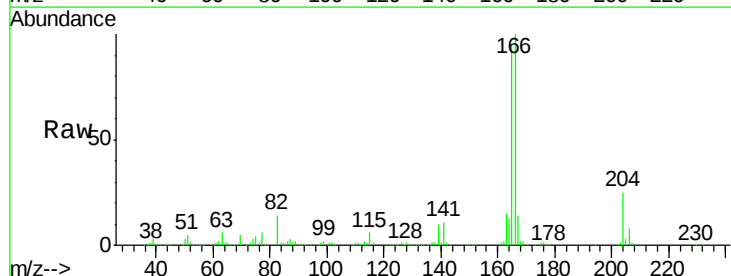


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1
Ion 182.00 (181.70 to 182.70): E

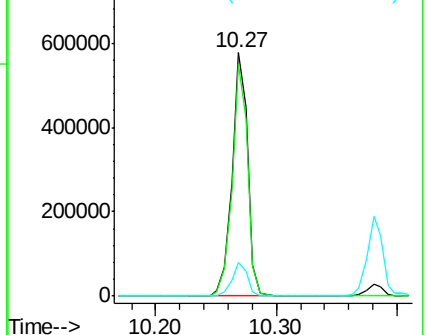
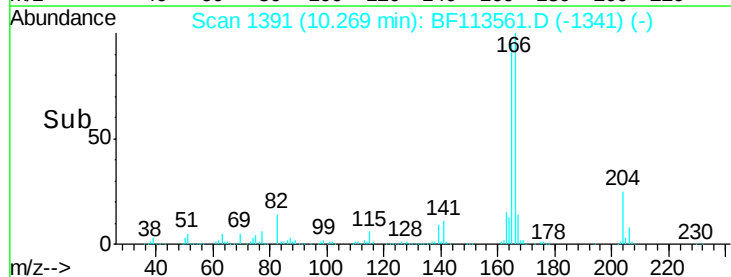


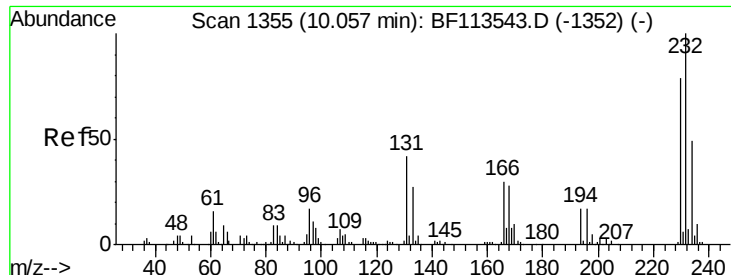
#58
Fluorene
Concen: 42.542 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:166 Resp: 518731
Ion Ratio Lower Upper
166 100
165 95.2 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

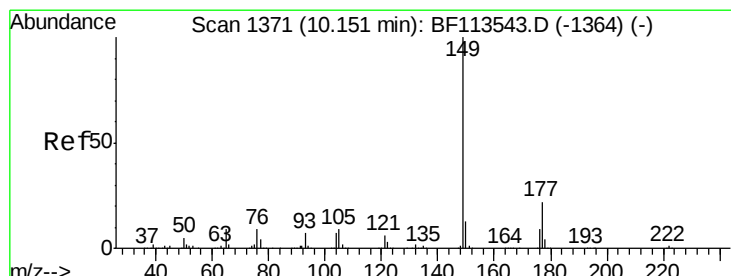
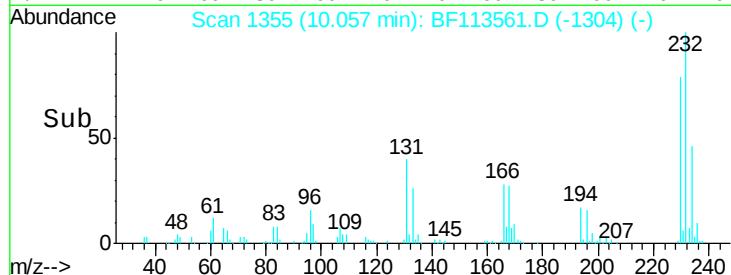
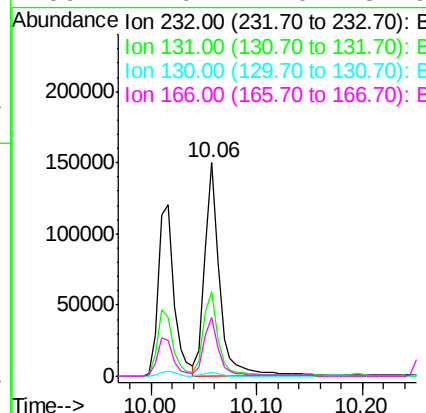
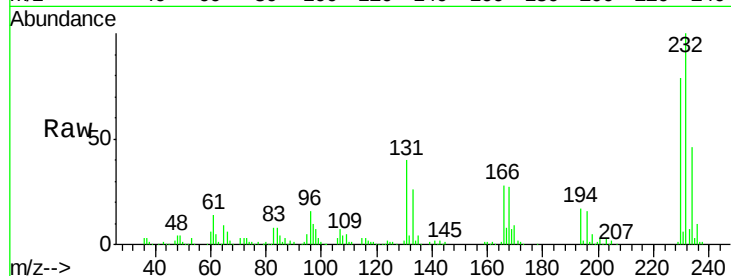




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.108 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

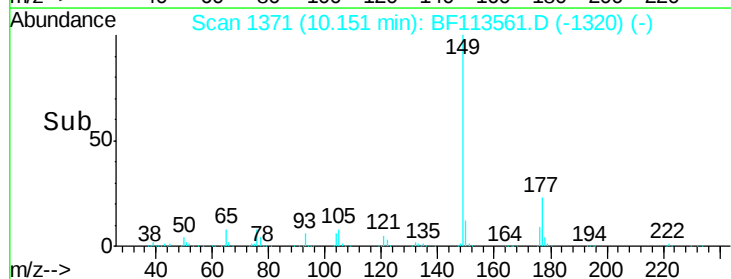
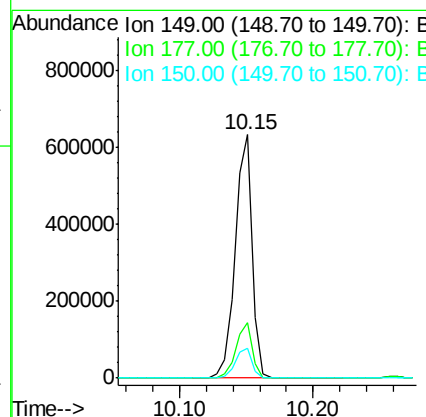
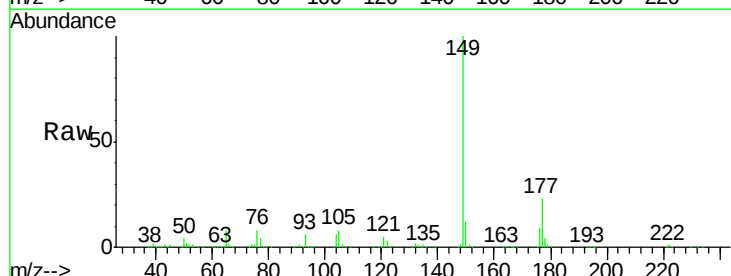
Instrument :
 BNA_F
 ClientSampleId :

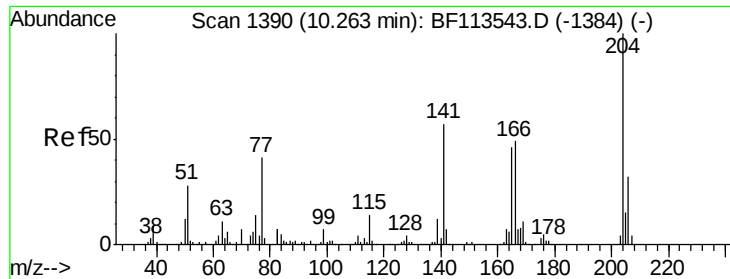
Tot Ion:232 Resp: 144359
 Ion Ratio Lower Upper
 232 100
 131 39.7 33.2 49.8
 130 1.9 1.6 2.4
 166 27.0 21.0 31.6



#60
 Diethylphthalate
 Concen: 44.150 ng
 RT: 10.15 min Scan# 1371
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion:149 Resp: 567033
 Ion Ratio Lower Upper
 149 100
 177 22.9 17.4 26.0
 150 12.3 10.0 15.0

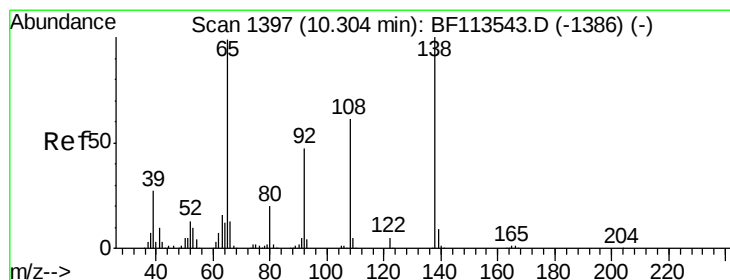
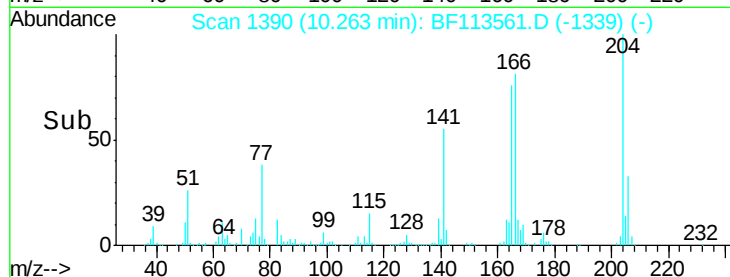
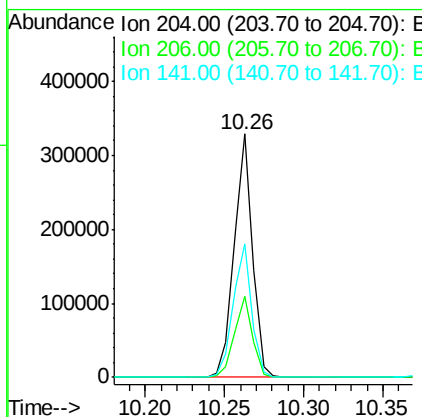
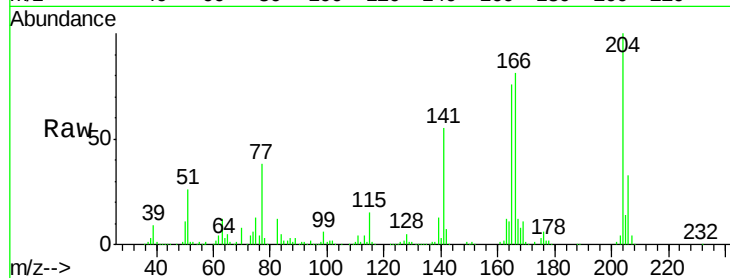




#61
4-Chlorophenyl-phenylether
Concen: 44.050 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

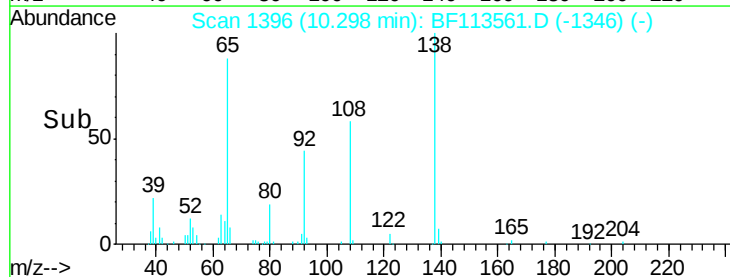
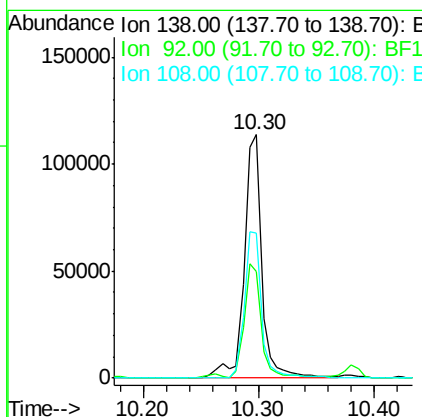
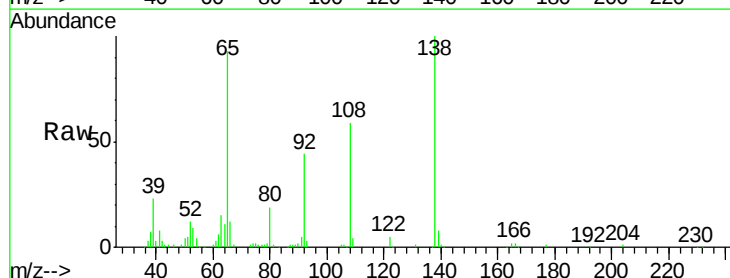
Instrument :
BNA_F
ClientSampleId :

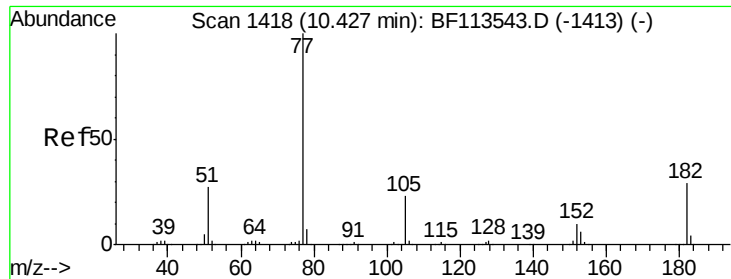
Tot Ion:204 Resp: 264193
Ion Ratio Lower Upper
204 100
206 33.2 26.9 40.3
141 54.9 48.8 73.2



#62
4-Nitroaniline
Concen: 35.867 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:138 Resp: 121763
Ion Ratio Lower Upper
138 100
92 43.9 25.8 65.8
108 59.4 44.0 84.0

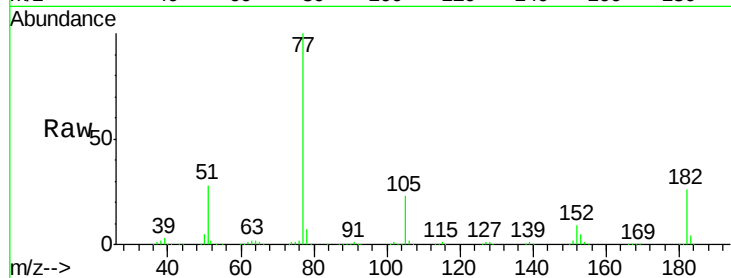




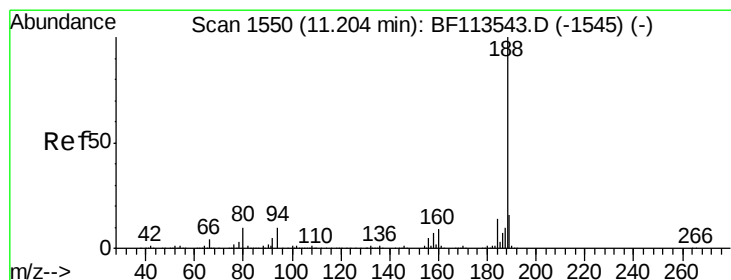
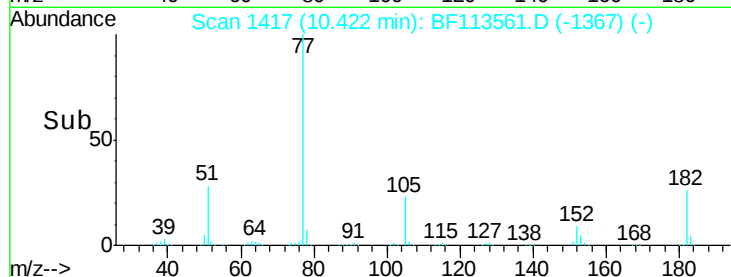
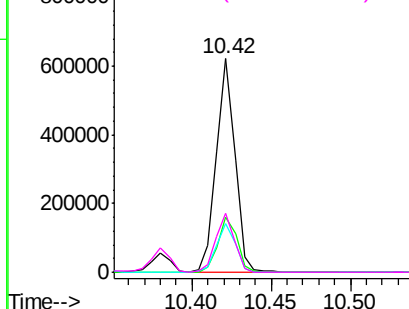
#63
Azobenzene
Concen: 41.753 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 77 Resp: 507745
Ion Ratio Lower Upper
77 100
182 25.6 8.7 48.7
105 22.7 2.9 42.9
51 27.8 8.8 48.8

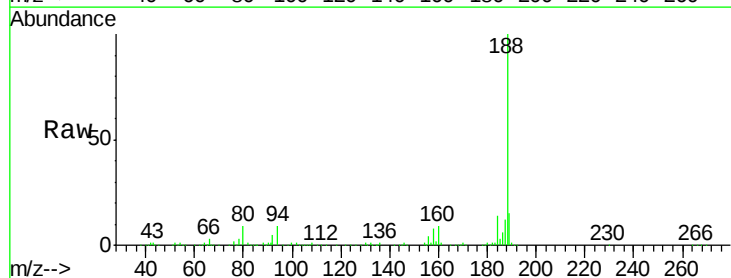


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

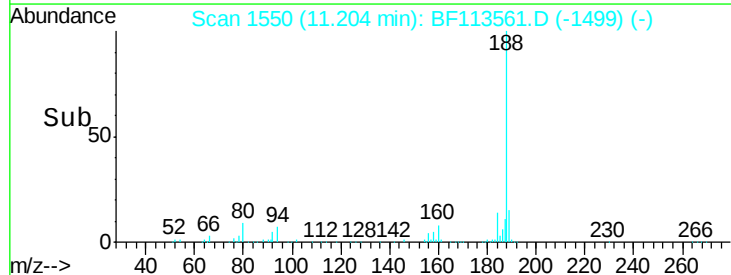
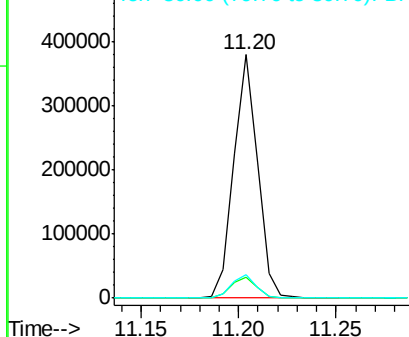


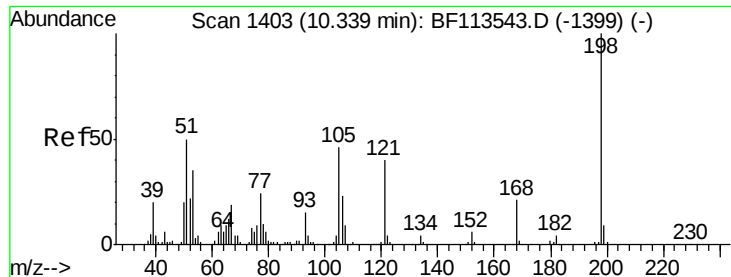
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.20 min Scan# 1550
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion: 188 Resp: 324053
Ion Ratio Lower Upper
188 100
94 8.8 7.0 10.6
80 9.5 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

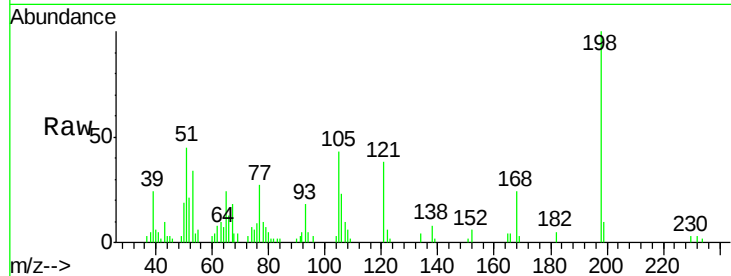




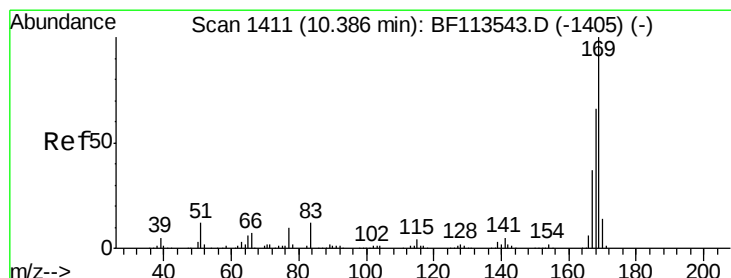
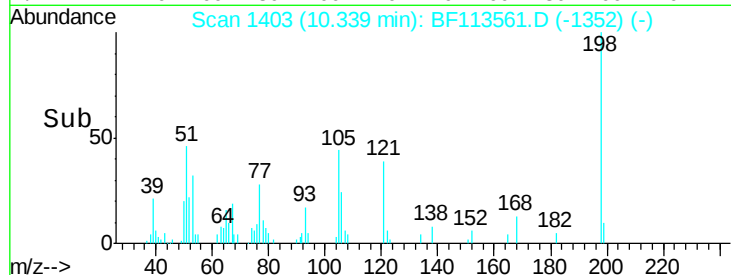
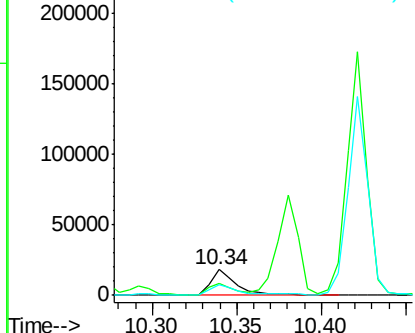
#65
4,6-Dinitro-2-methylphenol
Concen: 11.702 ng
RT: 10.34 min Scan# 1403
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:198 Resp: 19964
Ion Ratio Lower Upper
198 100
51 44.7 21.6 61.6
105 43.3 20.6 60.6

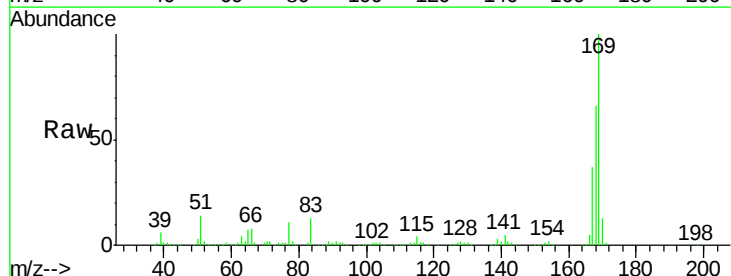


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

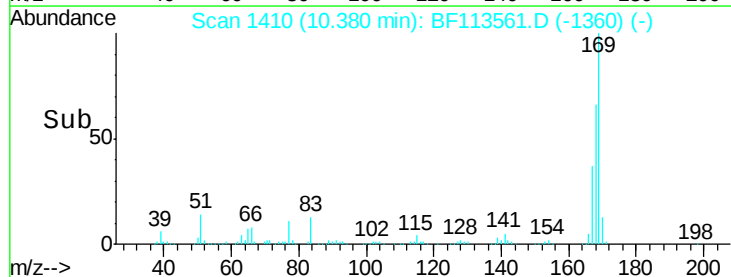
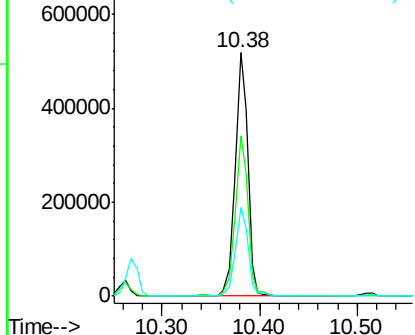


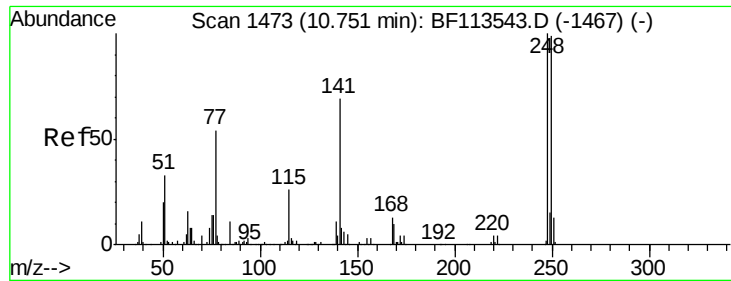
#66
n-Nitrosodiphenylamine
Concen: 46.785 ng
RT: 10.38 min Scan# 1410
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:169 Resp: 465424
Ion Ratio Lower Upper
169 100
168 66.0 53.7 80.5
167 36.6 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

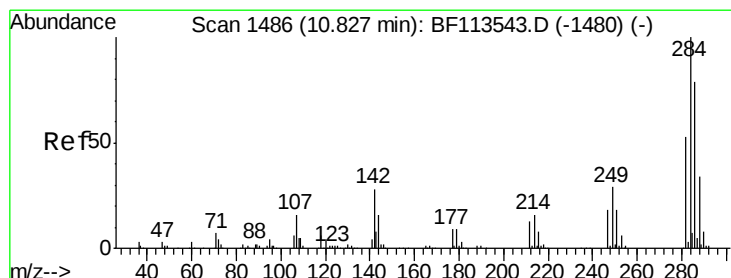
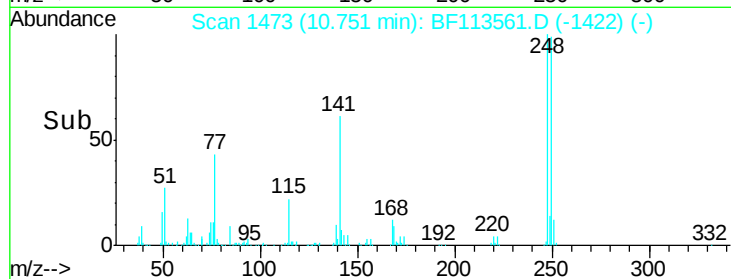
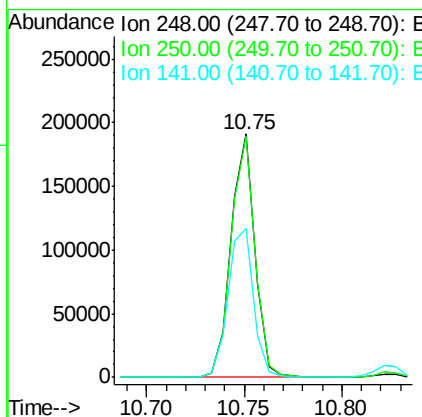
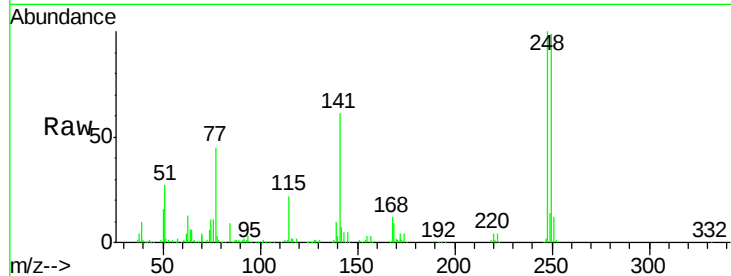




#67
4-Bromophenyl-phenylether
Concen: 44.559 ng
RT: 10.75 min Scan# 1473
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

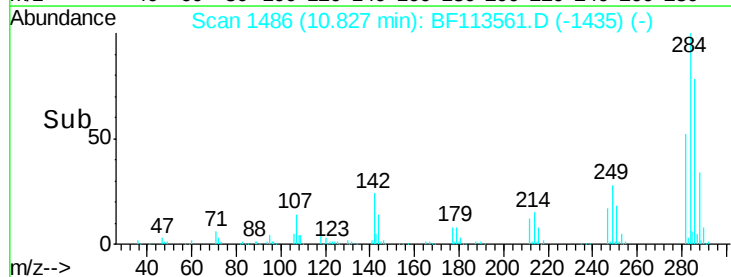
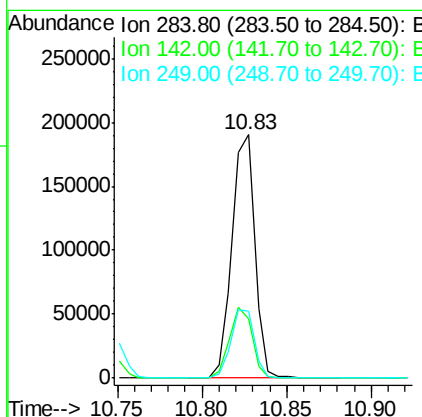
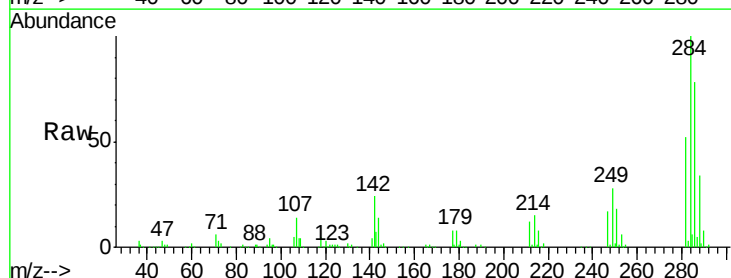
Instrument :
BNA_F
ClientSampleId :

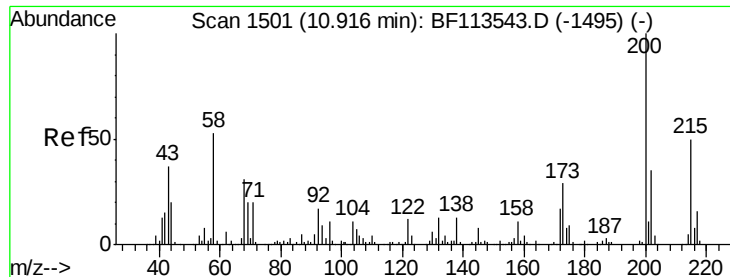
Tot Ion:248 Resp: 161945
Ion Ratio Lower Upper
248 100
250 99.2 78.3 117.5
141 61.0 56.2 84.4



#68
Hexachlorobenzene
Concen: 43.099 ng
RT: 10.83 min Scan# 1486
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:284 Resp: 179479
Ion Ratio Lower Upper
284 100
142 24.2 20.1 30.1
249 27.6 22.7 34.1





#69

Atrazine

Concen: 43.934 ng

RT: 10.91 min Scan# 1500

Delta R.T. -0.01 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

ClientSampleId :

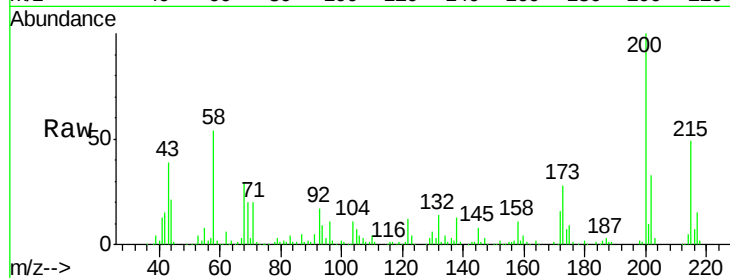
Tot Ion:200 Resp: 137760

Ion Ratio Lower Upper

200 100

173 27.9 6.0 46.0

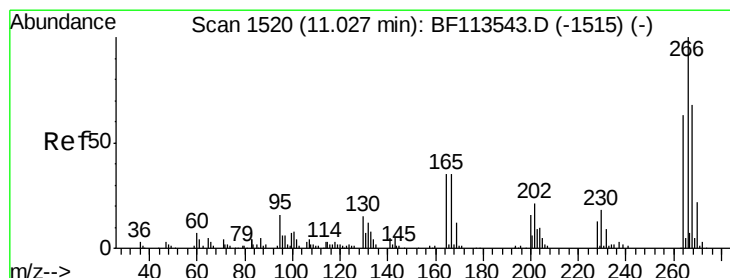
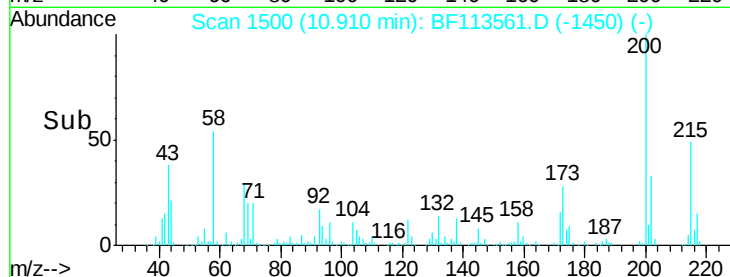
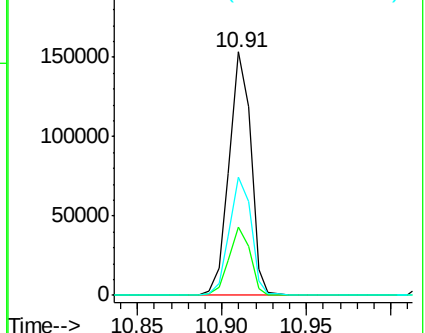
215 48.6 31.3 71.3



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 55.400 ng

RT: 11.02 min Scan# 1519

Delta R.T. -0.01 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

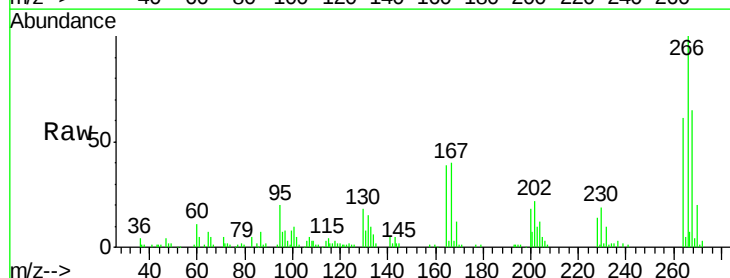
Tgt Ion:266 Resp: 108710

Ion Ratio Lower Upper

266 100

268 64.6 53.8 80.6

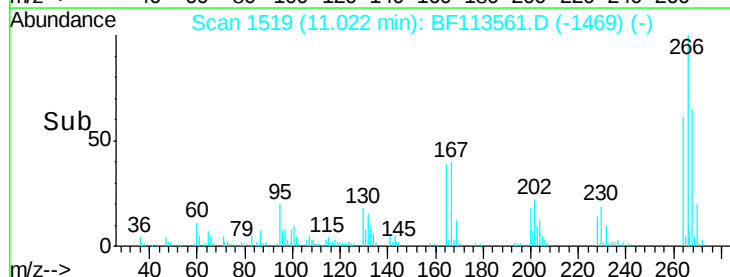
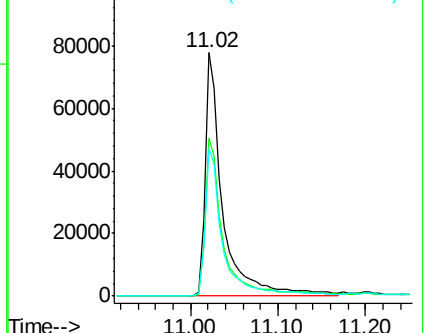
264 60.8 49.2 73.8

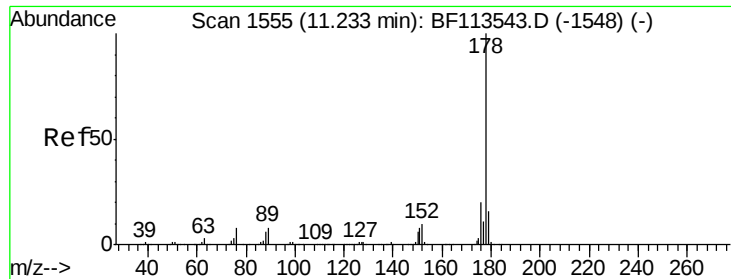


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

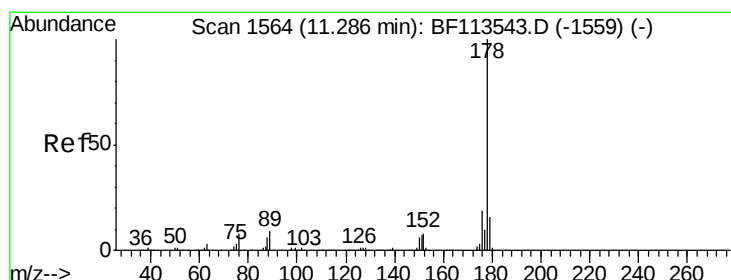
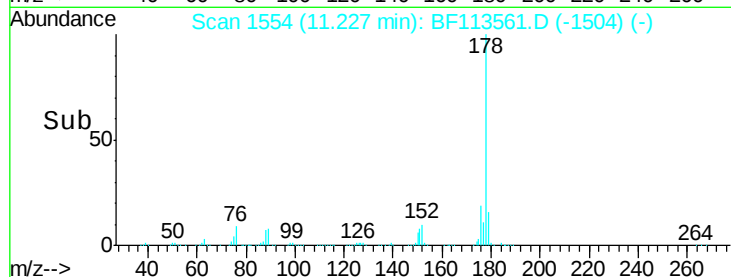
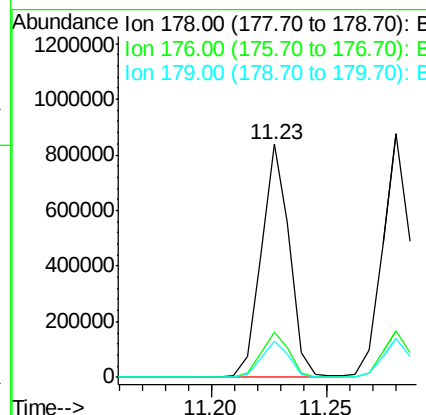
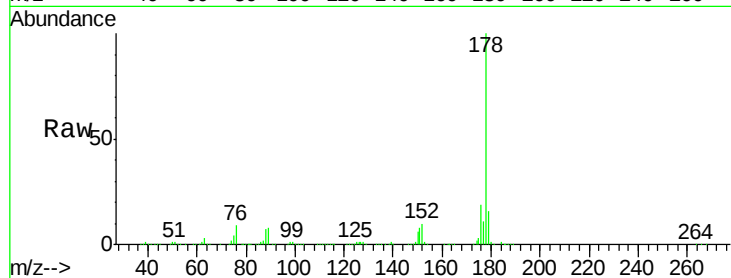




#71
Phenanthrene
Concen: 44.067 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

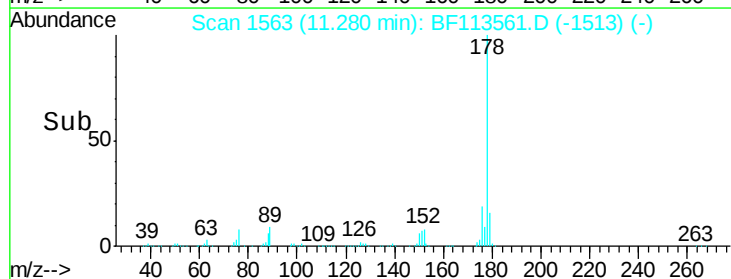
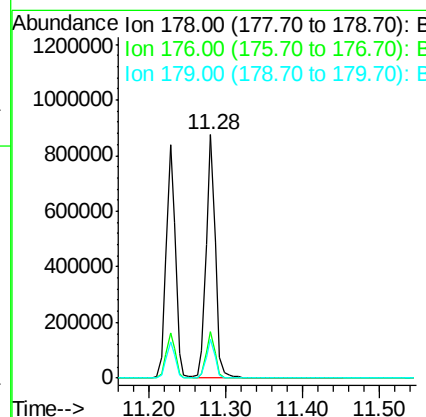
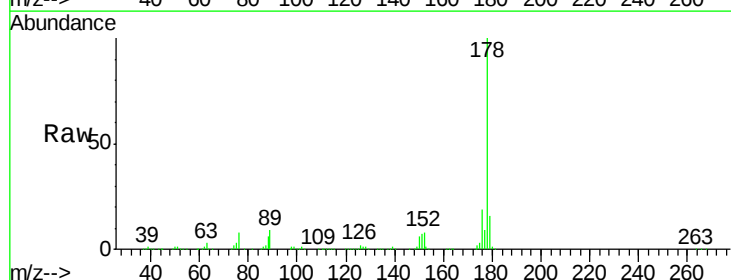
Instrument :
BNA_F
ClientSampled :

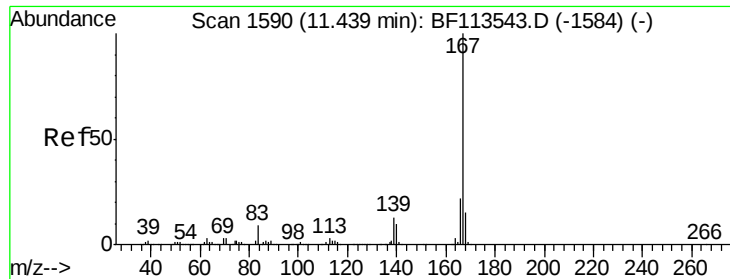
Tot Ion:178 Resp: 709583
Ion Ratio Lower Upper
178 100
176 19.3 16.2 24.2
179 15.8 12.7 19.1



#72
Anthracene
Concen: 45.072 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:178 Resp: 738407
Ion Ratio Lower Upper
178 100
176 18.9 15.4 23.2
179 16.0 12.8 19.2

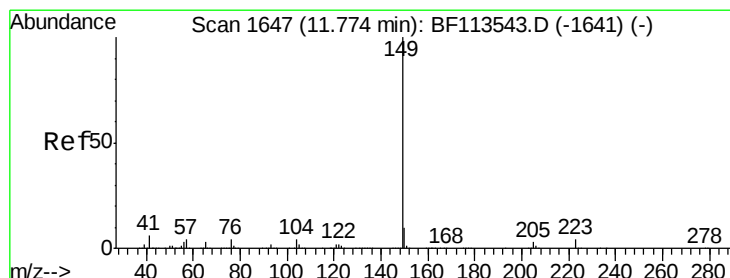
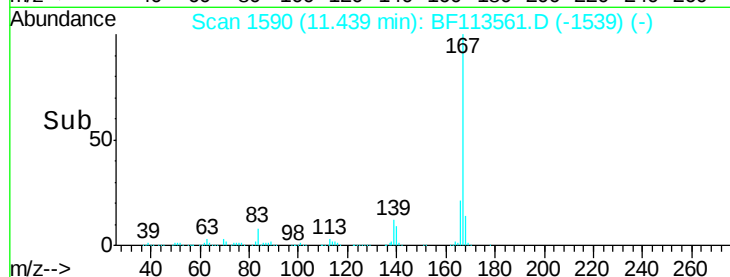
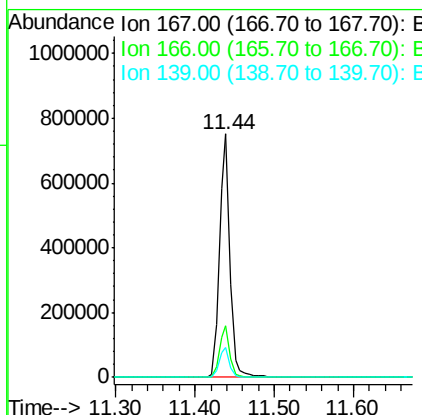
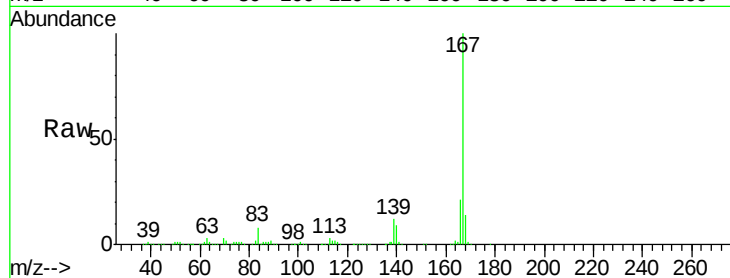




#73
 Carbazole
 Concen: 44.257 ng
 RT: 11.44 min Scan# 1590
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

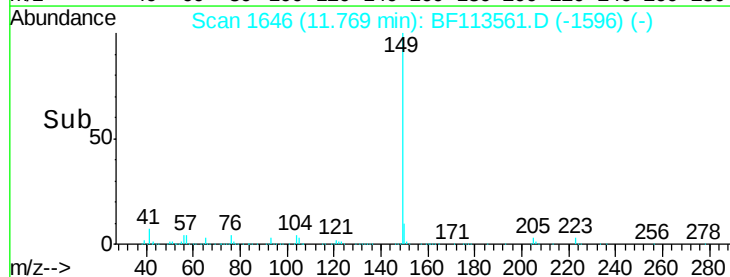
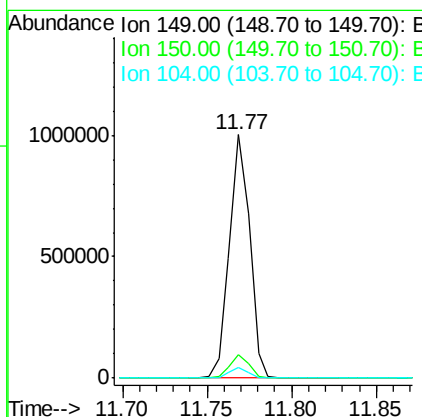
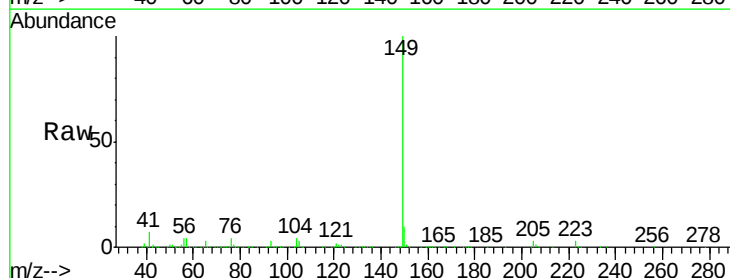
Instrument :
 BNA_F
 ClientSampleId :

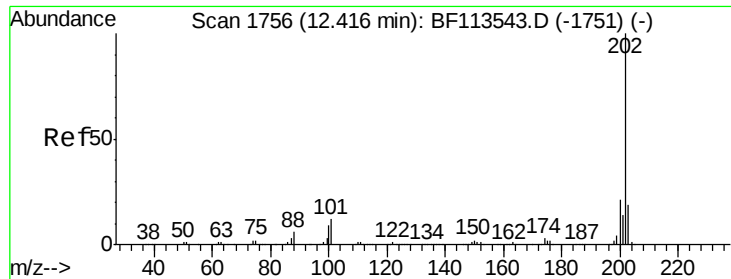
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	17.4	26.0
139	12.5	10.4	15.6



#74
 Di-n-butylphthalate
 Concen: 46.033 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	7.7	11.5
104	4.3	3.7	5.5





#75

Fluoranthene

Concen: 45.414 ng

RT: 12.42 min Scan# 1756

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

ClientSampleId :

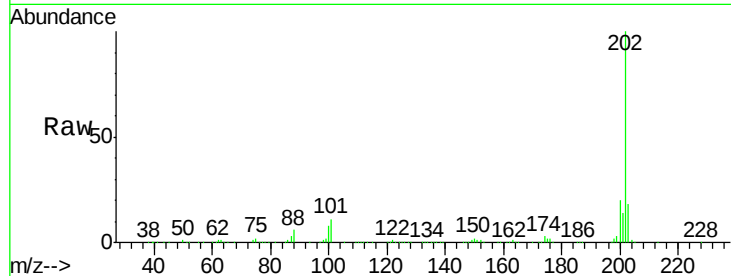
Tot Ion:202 Resp: 783616

Ion Ratio Lower Upper

202 100

101 11.0 0.0 31.4

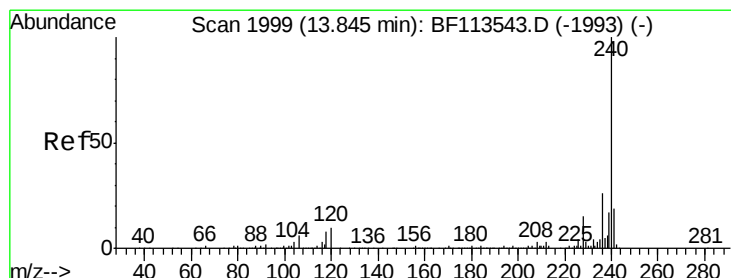
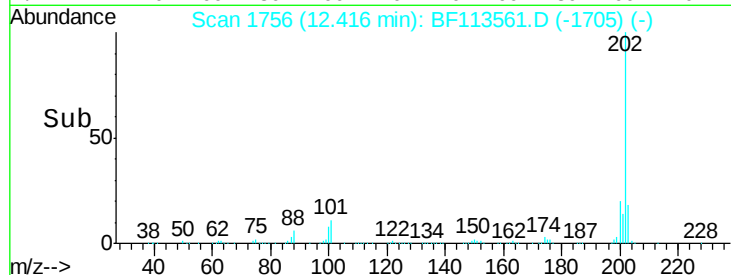
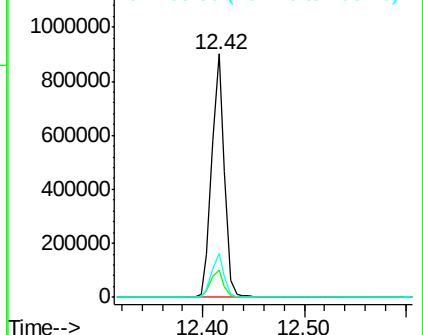
203 18.0 0.0 38.0



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.84 min Scan# 1998

Delta R.T. -0.01 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

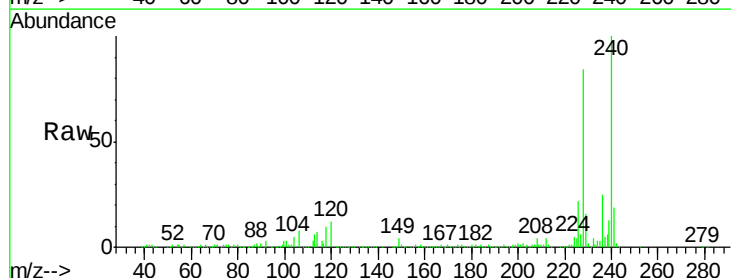
Tgt Ion:240 Resp: 301410

Ion Ratio Lower Upper

240 100

120 11.9 8.8 13.2

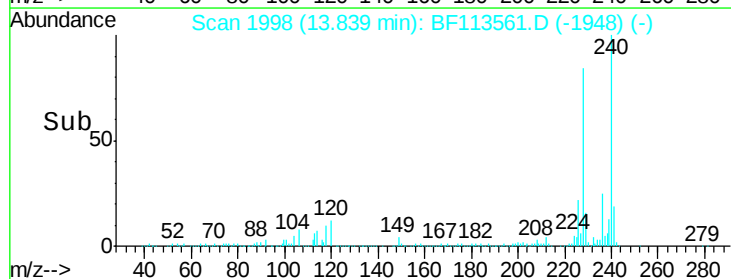
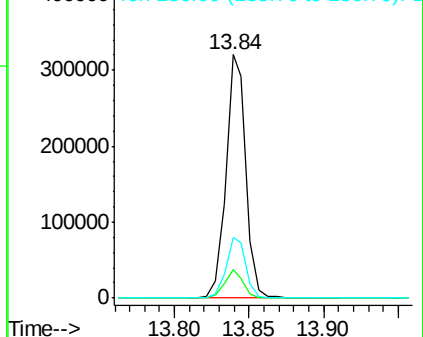
236 25.0 20.9 31.3

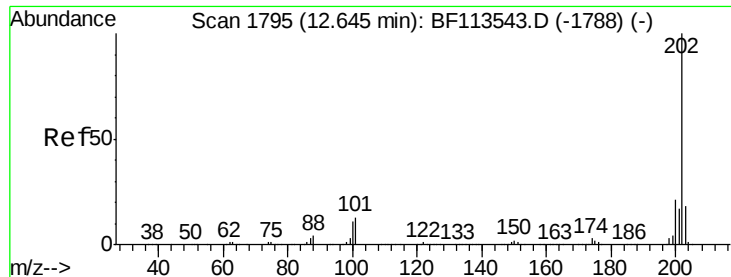


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

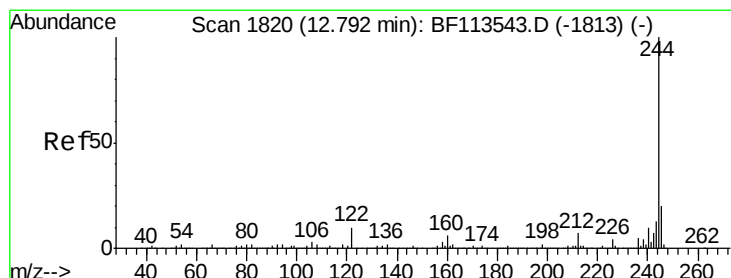
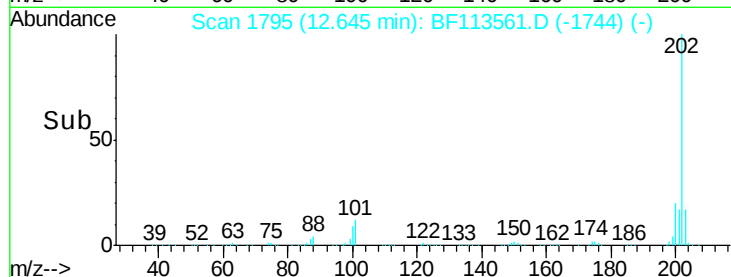
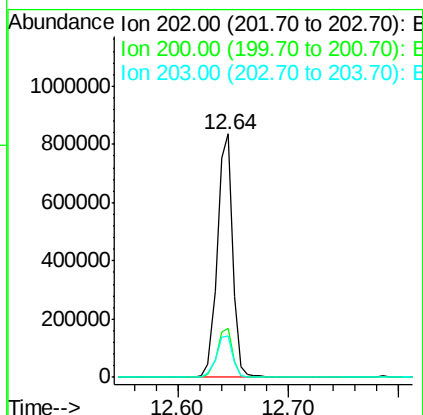
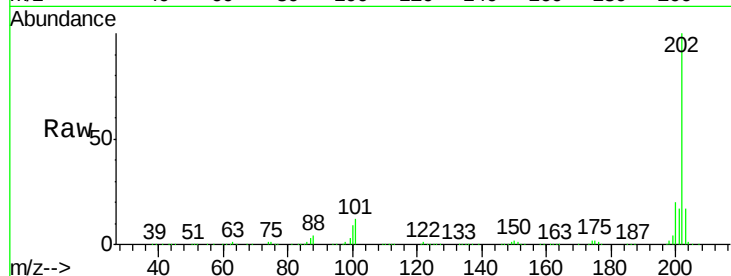




#78
 Pvrene
 Concen: 35.207 ng
 RT: 12.64 min Scan# 1795
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

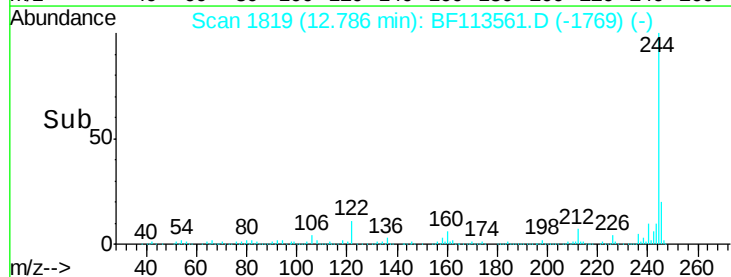
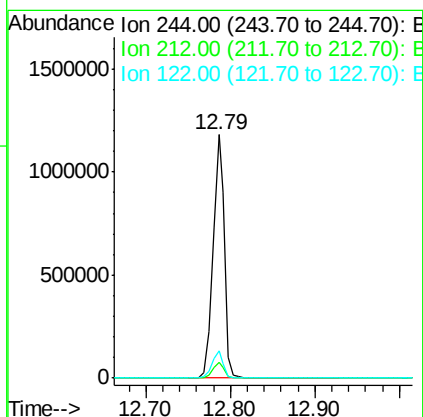
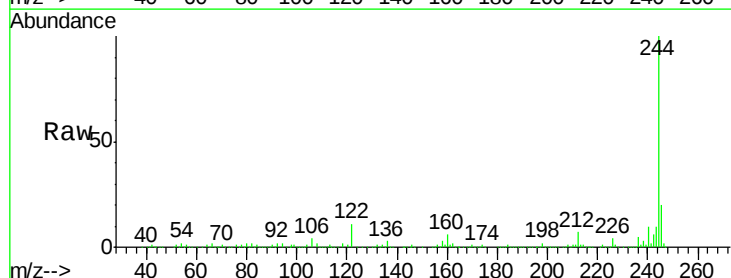
Instrument :
 BNA_F
 ClientSampleId :

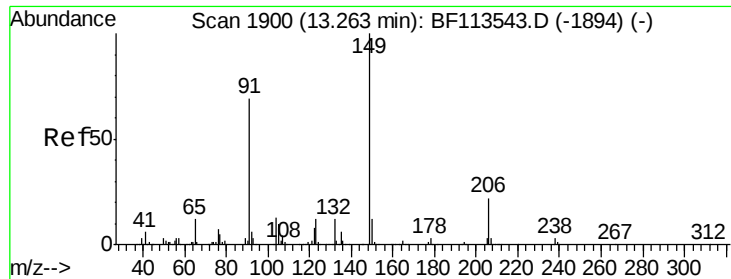
Tot Ion:202 Resp: 807430
 Ion Ratio Lower Upper
 202 100
 200 20.3 16.8 25.2
 203 17.2 14.4 21.6



#79
 Terphenyl-d14
 Concen: 76.689 ng
 RT: 12.79 min Scan# 1819
 Delta R.T. -0.01 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion:244 Resp: 1135293
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.3 8.6 13.0

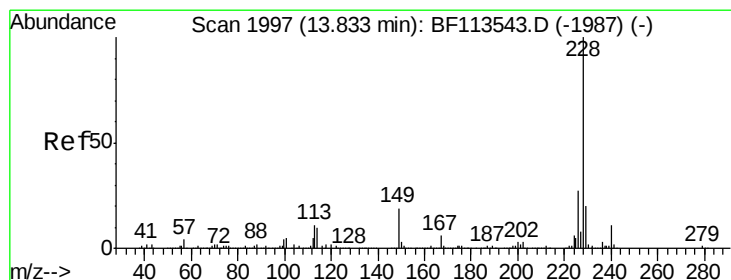
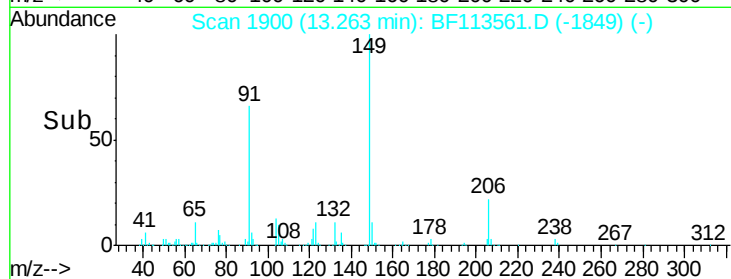
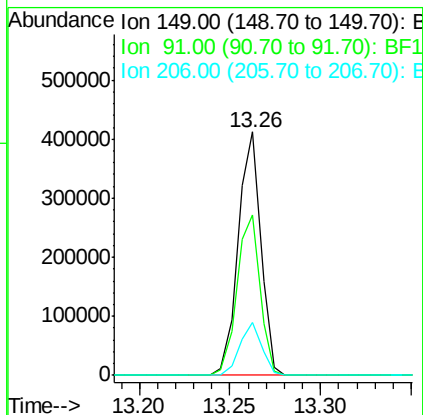
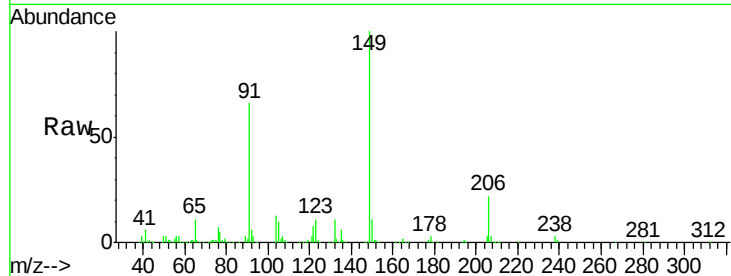




#80
Butylbenzylphthalate
Concen: 38.474 ng
RT: 13.26 min Scan# 1900
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

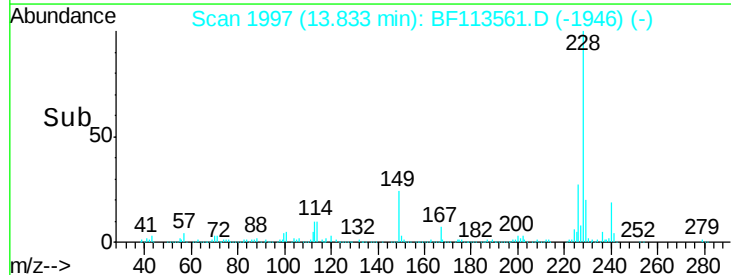
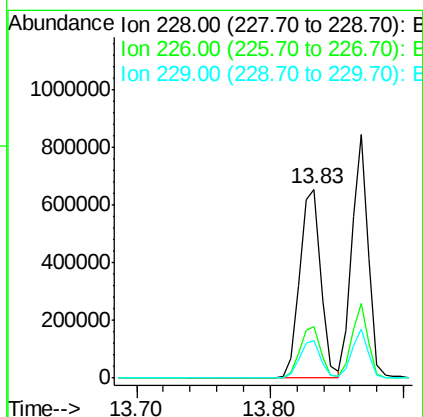
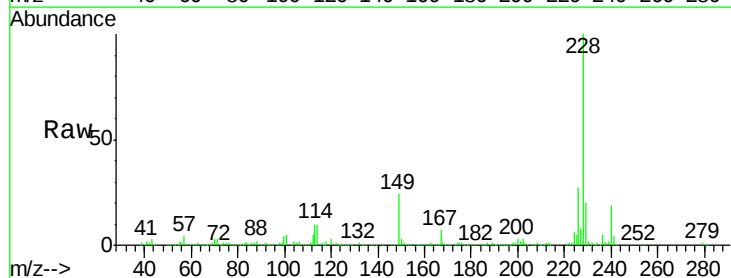
Instrument :
BNA_F
ClientSampleId :

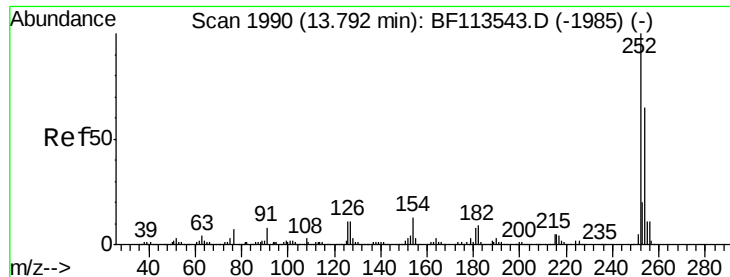
Tot Ion:149 Resp: 359171
Ion Ratio Lower Upper
149 100
91 66.1 55.2 82.8
206 21.9 16.1 24.1



#81
Benzo(a)anthracene
Concen: 40.862 ng
RT: 13.83 min Scan# 1997
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:228 Resp: 710472
Ion Ratio Lower Upper
228 100
226 27.1 21.8 32.8
229 19.6 16.2 24.4





#82

3,3'-Dichlorobenzidine

Concen: 12.684 ng

RT: 13.79 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

ClientSampleId :

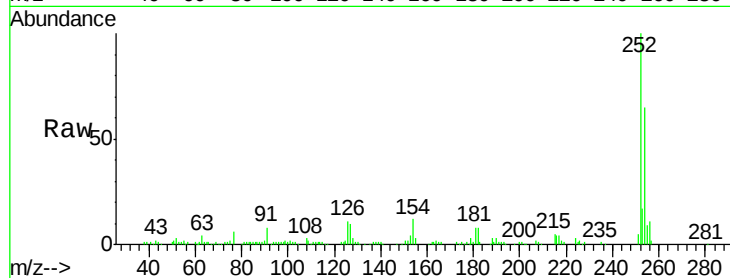
Tot Ion:252 Resp: 84946

Ion Ratio Lower Upper

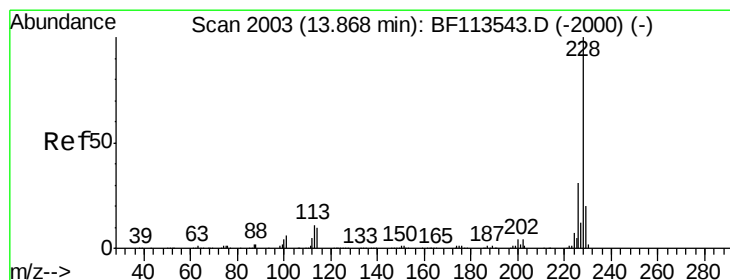
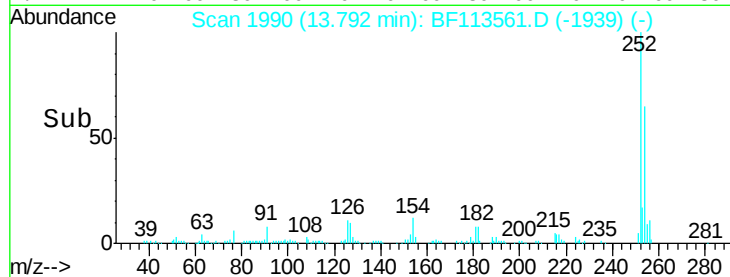
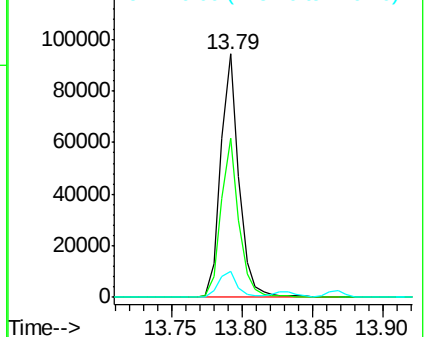
252 100

254 65.3 52.2 78.2

126 10.5 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

Chrysene

Concen: 41.239 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

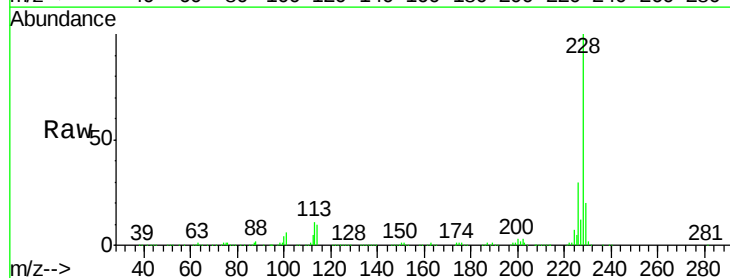
Tgt Ion:228 Resp: 726854

Ion Ratio Lower Upper

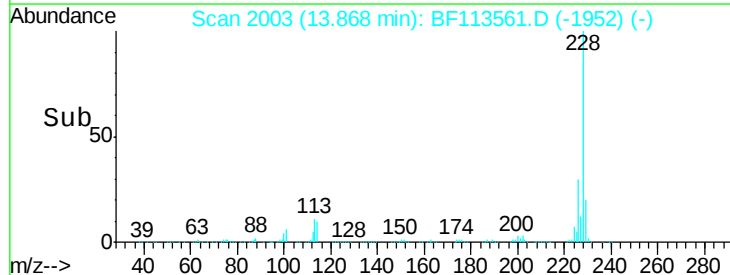
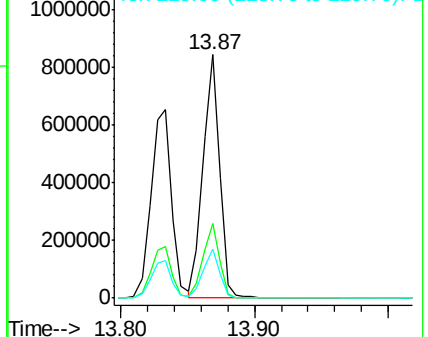
228 100

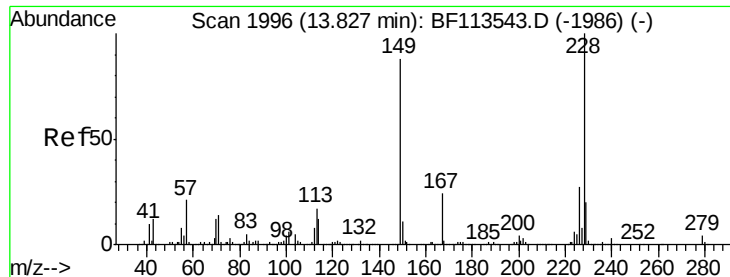
226 30.4 24.3 36.5

229 20.1 16.3 24.5



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





#84

Bis(2-ethylhexyl)phthalate

Concen: 42.782 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

ClientSampleId :

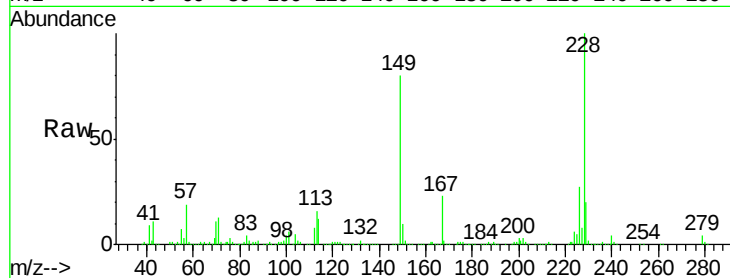
Tot Ion:149 Resp: 482887

Ion Ratio Lower Upper

149 100

167 28.8 21.8 32.8

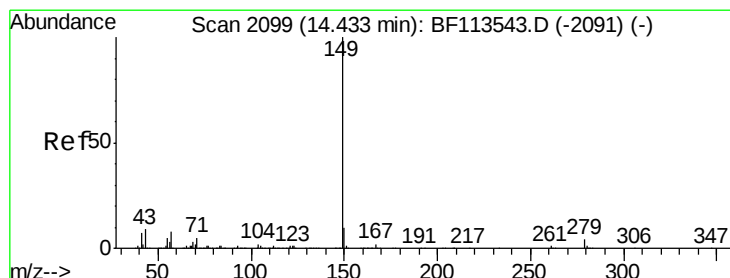
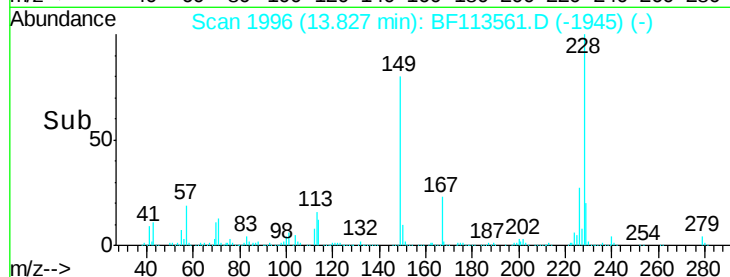
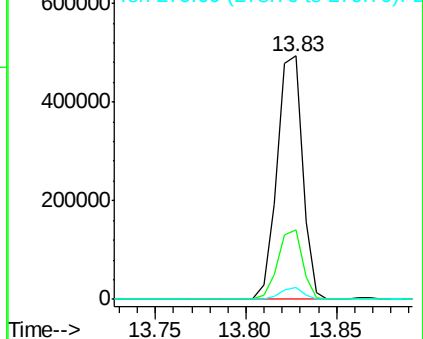
279 4.7 2.9 4.3#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 50.158 ng

RT: 14.43 min Scan# 2099

Delta R.T. -0.00 min

Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

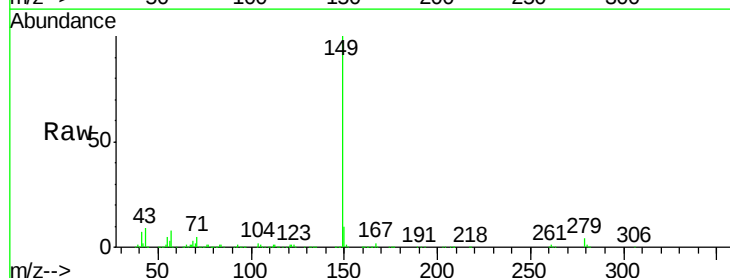
Tgt Ion:149 Resp: 920259

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

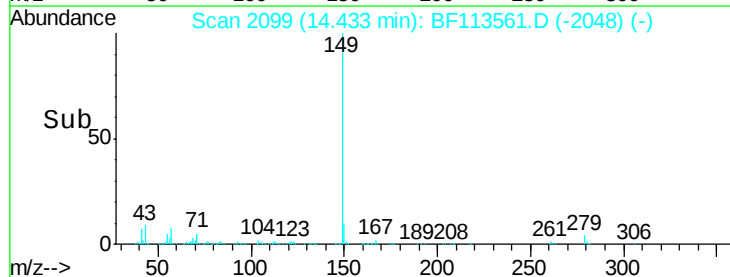
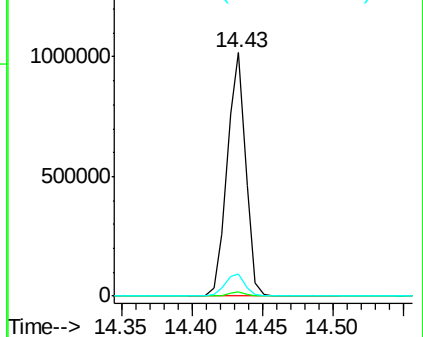
43 9.5 7.7 11.5

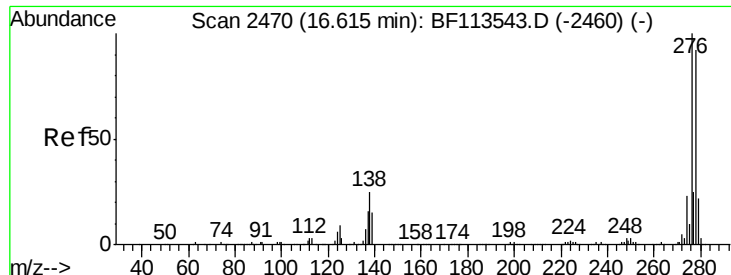


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

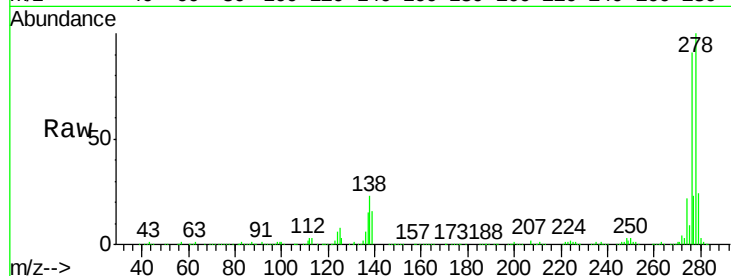




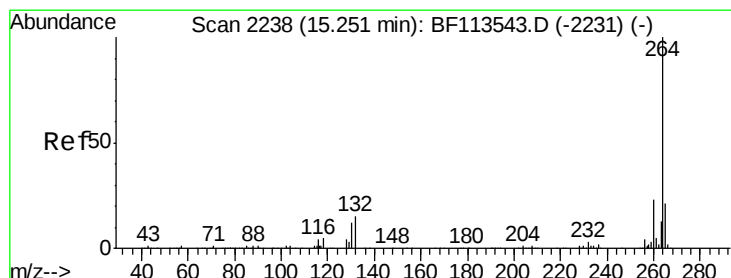
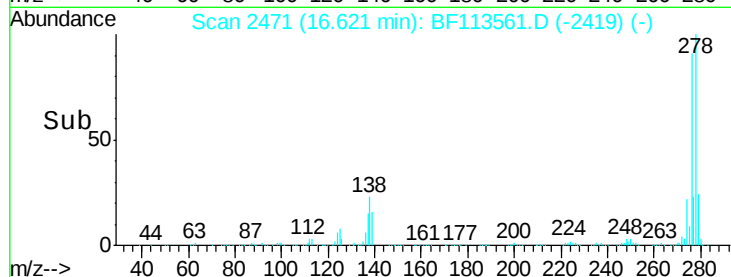
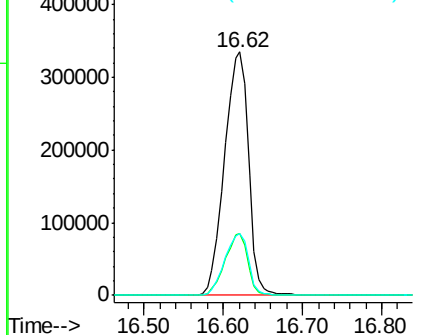
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 43.176 ng
 RT: 16.62 min Scan# 2471
 Delta R.T. 0.01 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:276 Resp: 702618
 Ion Ratio Lower Upper
 276 100
 138 24.0 18.1 27.1
 277 25.2 20.2 30.4

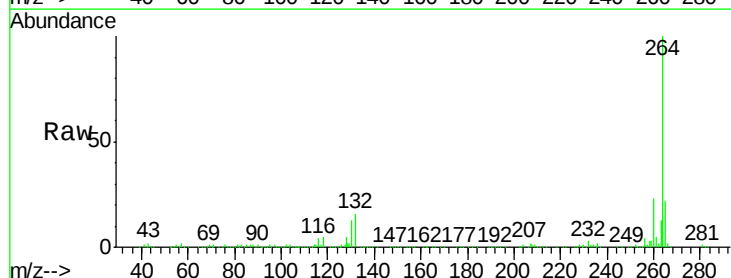


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

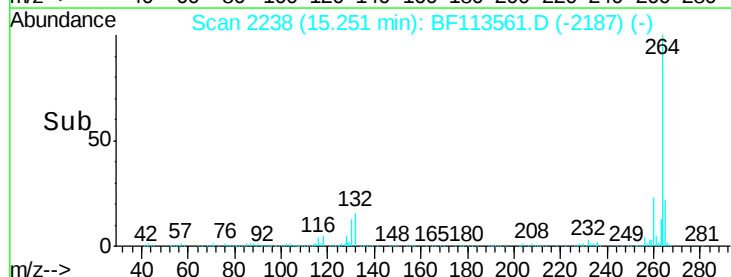
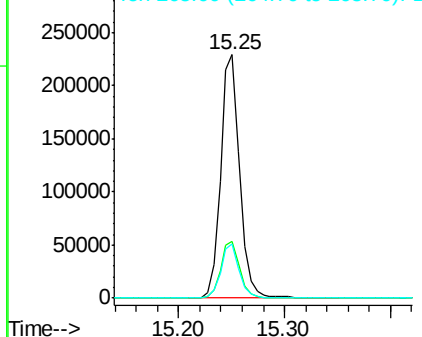


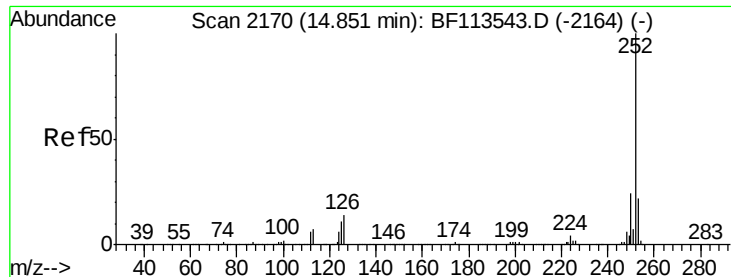
#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.25 min Scan# 2238
 Delta R.T. -0.00 min
 Lab File: BF113561.D
 Acq: 3 Apr 2019 23:46

Tgt Ion:264 Resp: 286869
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.1 28.7
 265 22.1 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

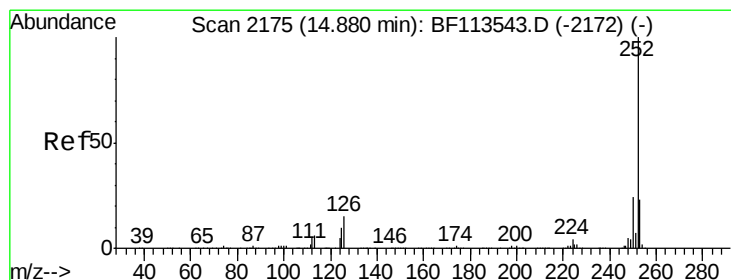
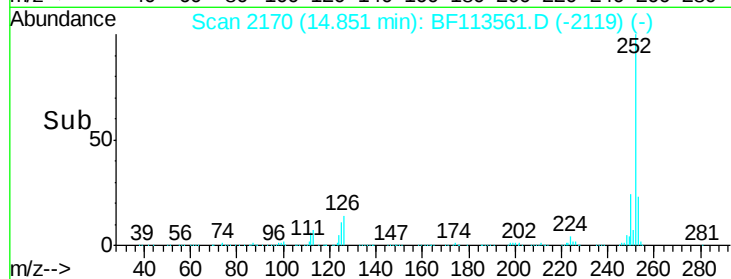
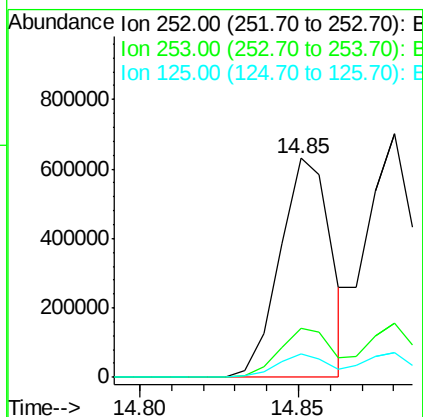
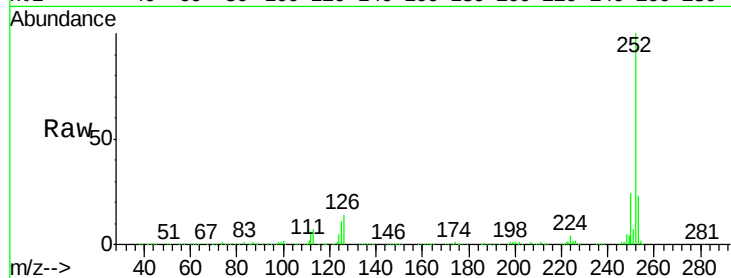




#88
Benzo(b)fluoranthene
Concen: 40.206 ng
RT: 14.85 min Scan# 2170
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

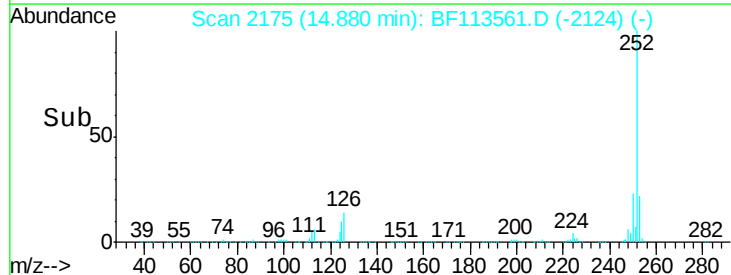
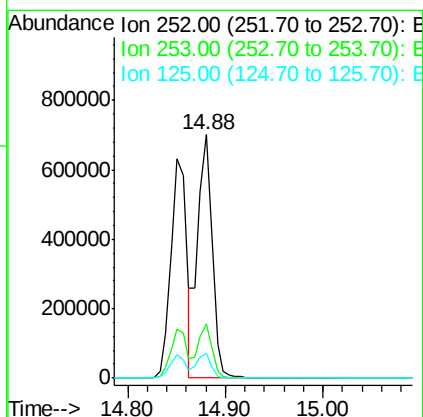
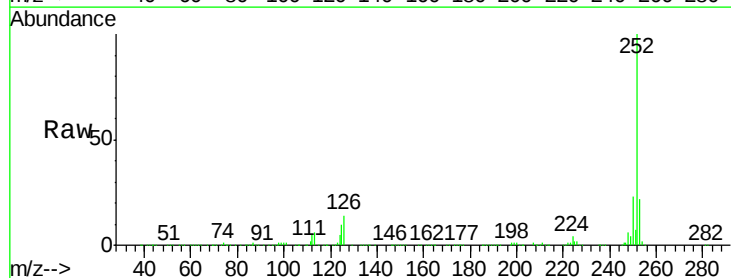
Instrument :
BNA_F
ClientSampled :

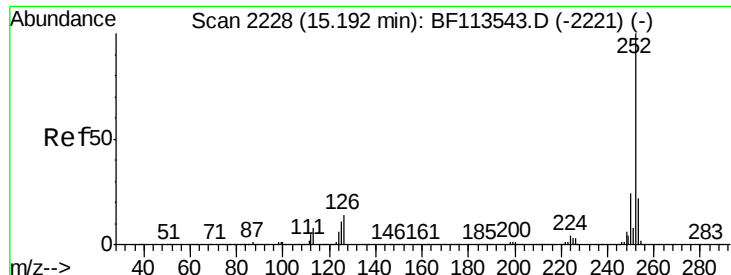
Tot Ion:252 Resp: 706013
Ion Ratio Lower Upper
252 100
253 22.7 18.0 27.0
125 10.9 7.6 11.4



#89
Benzo(k)fluoranthene
Concen: 46.431 ng
RT: 14.88 min Scan# 2175
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:252 Resp: 731742
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.9 7.3 10.9

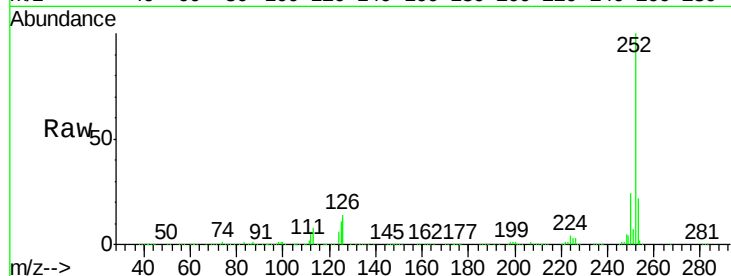




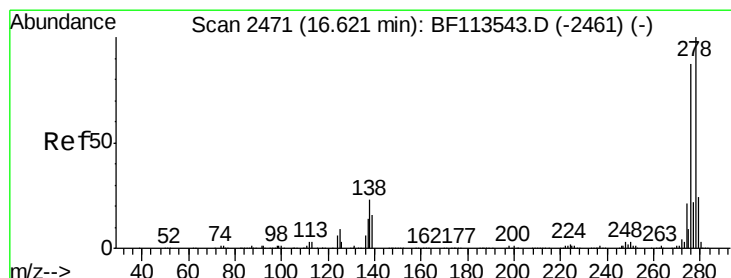
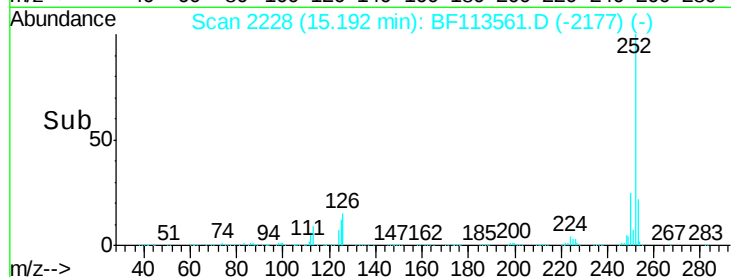
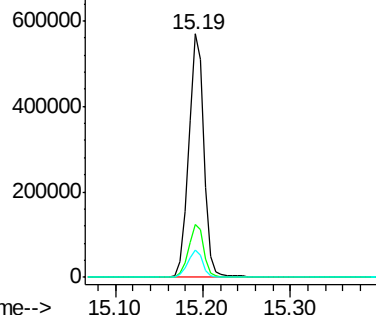
#90
Benzo(a)pyrene
Concen: 43.957 ng
RT: 15.19 min Scan# 2228
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Instrument :
BNA_F
ClientSampleId :

Tot Ion:252 Resp: 685889
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.0 8.8 13.2

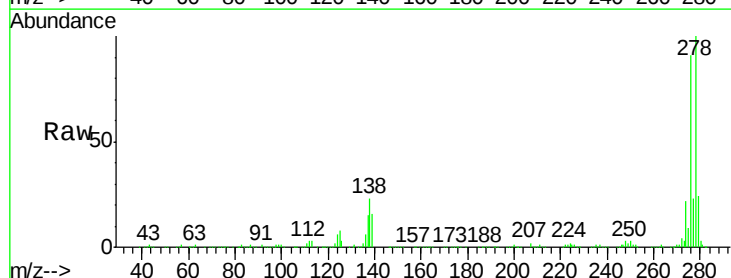


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

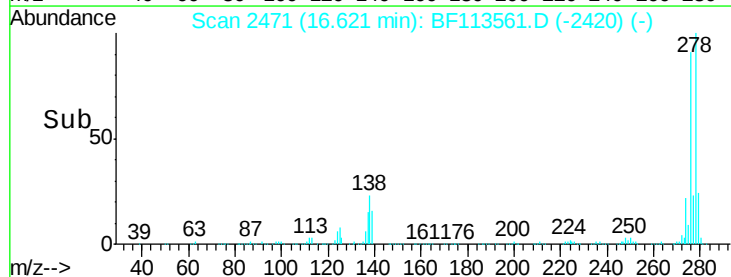
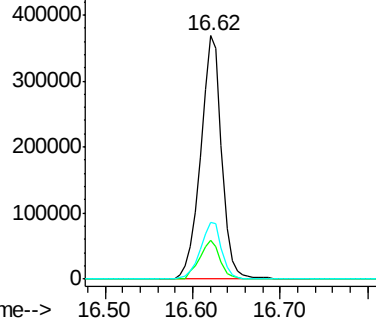


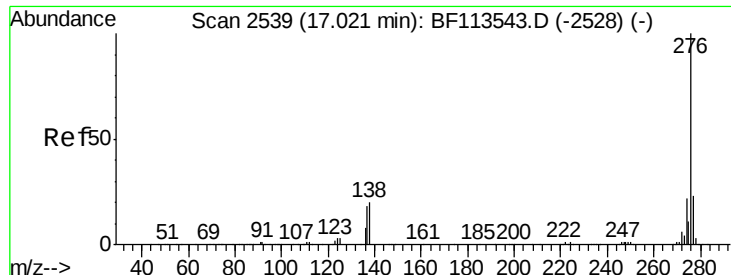
#91
Dibenzo(a,h)anthracene
Concen: 41.442 ng
RT: 16.62 min Scan# 2471
Delta R.T. -0.00 min
Lab File: BF113561.D
Acq: 3 Apr 2019 23:46

Tgt Ion:278 Resp: 604714
Ion Ratio Lower Upper
278 100
139 15.7 12.0 18.0
279 23.5 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(a,h,i)perylene

Concen: 38.438 ng

RT: 17.02 min Scan# 2539

Delta R.T. -0.00 min

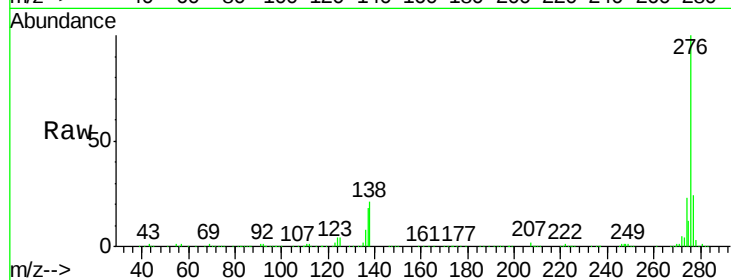
Lab File: BF113561.D

Acq: 3 Apr 2019 23:46

Instrument :

BNA_F

ClientSampleId :



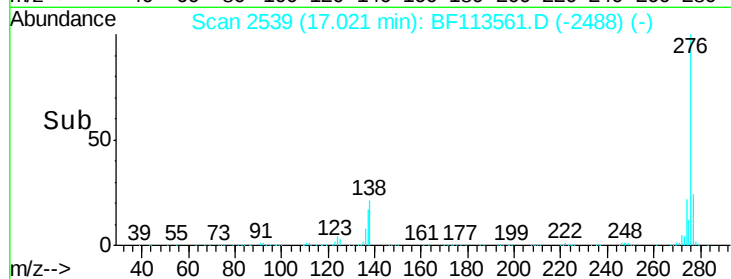
Tot Ion: 276 Resp: 572479

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.8 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

