

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113535.D
 Acq On : 3 Apr 2019 6:47
 Operator : JU/SJ
 Sample : K2056-05MS
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MS

Quant Time: Apr 03 08:02:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF032519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	141808	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	511143	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	231832	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	414629	20.00	ng	-0.01
76) Chrysene-d12	13.84	240	368054	20.00	ng	0.00
87) Perylene-d12	15.24	264	293312	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	856780	98.79	ng	0.00
7) Phenol-d6	6.35	99	990699	90.30	ng	0.00
23) Nitrobenzene-d5	7.26	82	758672	88.10	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	325817	113.78	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	1362668	93.99	ng	-0.01
79) Terphenyl-d14	12.79	244	1396206	83.61	ng	-0.01

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	130000	29.544	ng	# 82
3) Pyridine	3.18	79	270687	24.954	ng	96
4) n-Nitrosodimethylamine	3.08	42	151729	31.464	ng	92
6) Aniline	6.36	93	101550	7.601	ng	# 1
8) 2-Chlorophenol	6.49	128	369226	36.662	ng	95
9) Benzaldehyde	6.24	77	213635	29.018	ng	98
10) Phenol	6.36	94	352821	28.169	ng	# 73
11) bis(2-Chloroethyl)ether	6.43	93	364164	37.929	ng	100
12) 1,3-Dichlorobenzene	6.63	146	353402	32.554	ng	99
13) 1,4-Dichlorobenzene	6.71	146	368375	35.144	ng	100
14) 1,2-Dichlorobenzene	6.86	146	340804	33.049	ng	99
15) Benzyl Alcohol	6.85	79	284556	39.314	ng	99
16) 2,2'-oxybis(1-Chloropropan	6.97	45	555368	38.505	ng	81
17) 2-Methylphenol	6.97	107	284159	36.003	ng	# 93
18) Hexachloroethane	7.20	117	113459	30.137	ng	97
19) n-Nitroso-di-n-propylamine	7.12	70	260242	37.763	ng	99
20) 3+4-Methylphenols	7.12	107	365891	39.434	ng	92
22) Acetophenone	7.10	105	518778	44.504	ng	96
24) Nitrobenzene	7.28	77	386558	43.015	ng	99
25) Isophorone	7.52	82	710908	42.597	ng	100
26) 2-Nitrophenol	7.60	139	183969	38.730	ng	91
27) 2,4-Dimethylphenol	7.65	122	330566	48.379	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	458257	43.603	ng	100
29) 2,4-Dichlorophenol	7.85	162	317278	42.848	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	327592	41.006	ng	98
31) Naphthalene	8.00	128	1037383	41.531	ng	100
32) Benzoic acid	7.76	122	47334	8.606	ng	98
33) 4-Chloroaniline	8.05	127	55190	5.666	ng	98
34) Hexachlorobutadiene	8.12	225	188593	39.719	ng	99
35) Caprolactam	8.42	113	62711	26.388	ng	99
36) 4-Chloro-3-methylphenol	8.55	107	305557	41.027	ng	99
37) 2-Methylnaphthalene	8.69	142	699648	44.891	ng	99
38) 1-Methylnaphthalene	8.79	142	663178	44.238	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	329315	44.252	ng	99

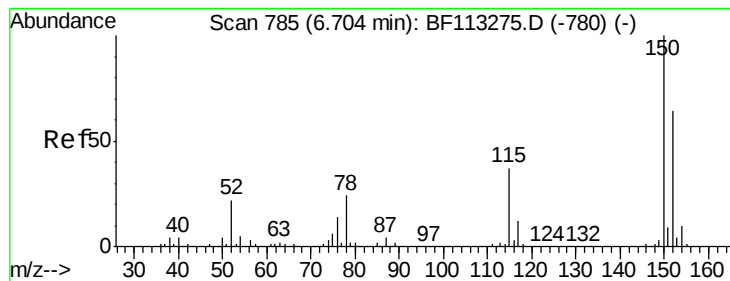
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	27214	8.640	ng	99
43) 2,4,6-Trichlorophenol	8.97	196	213998	44.159	ng	99
44) 2,4,5-Trichlorophenol	9.02	196	225195	41.990	ng	100
46) 1,1'-Biphenyl	9.15	154	858503	44.338	ng	99
47) 2-Chloronaphthalene	9.17	162	639340	42.885	ng	98
48) 2-Nitroaniline	9.27	65	210892	45.077	ng	93
49) Acenaphthylene	9.59	152	1006012	41.734	ng	99
50) Dimethylphthalate	9.45	163	780505	45.429	ng	100
51) 2,6-Dinitrotoluene	9.52	165	159701	41.204	ng	91
52) Acenaphthene	9.76	154	582389	42.902	ng	100
53) 3-Nitroaniline	9.68	138	73683	16.858	ng	92
54) 2,4-Dinitrophenol	9.81	184	18056	9.366	ng	93
55) Dibenzofuran	9.93	168	870834	42.672	ng	99
56) 4-Nitrophenol	9.86	139	153502	49.260	ng	95
57) 2,4-Dinitrotoluene	9.92	165	186889	37.916	ng	93
58) Fluorene	10.27	166	656649	41.420	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.06	232	180398	39.777	ng	97
60) Diethylphthalate	10.15	149	752609	44.654	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	338183	43.768	ng	93
62) 4-Nitroaniline	10.30	138	176534	39.228	ng	95
63) Azobenzene	10.42	77	652175	41.107	ng	98
65) 4,6-Dinitro-2-methylphenol	10.34	198	14387	6.343	ng	89
66) n-Nitrosodiphenylamine	10.38	169	607485	47.747	ng	100
67) 4-Bromophenyl-phenylether	10.75	248	209737	46.411	ng	93
68) Hexachlorobenzene	10.82	284	234519	44.708	ng	94
69) Atrazine	10.91	200	185909	46.294	ng	96
70) Pentachlorophenol	11.02	266	125087	45.770	ng	99
71) Phenanthrene	11.23	178	903647	43.887	ng	99
72) Anthracene	11.28	178	942031	45.042	ng	99
73) Carbazole	11.43	167	879906	44.090	ng	99
74) Di-n-butylphthalate	11.77	149	1092973	47.227	ng	98
75) Fluoranthene	12.41	202	1016305	43.661	ng	99
77) Benzidine	12.53	184	466734	33.114	ng	96
78) Pyrene	12.64	202	1030172	40.391	ng	99
80) Butylbenzylphthalate	13.26	149	466562	41.508	ng	97
81) Benzo(a)anthracene	13.83	228	874773	41.521	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	152253	18.014	ng	100
83) Chrysene	13.86	228	895994	41.870	ng	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	619800	44.980	ng	99
85) Di-n-octyl phthalate	14.43	149	1136336	48.583	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	697519	37.980	ng	99
88) Benzo(b)fluoranthene	14.84	252	799905	43.901	ng	99
89) Benzo(k)fluoranthene	14.87	252	755690	47.228	ng	100
90) Benzo(a)pyrene	15.18	252	701992	43.459	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	599720	42.938	ng	99
92) Benzo(g,h,i)perylene	17.00	276	566230	40.207	ng	98

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

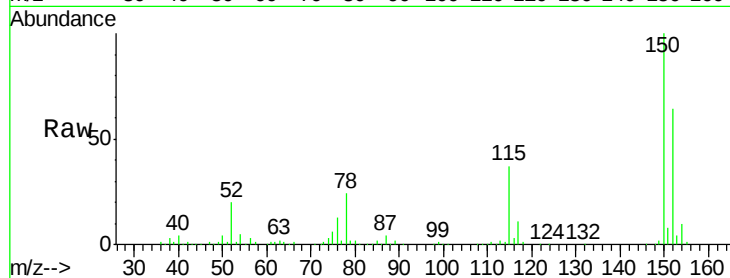


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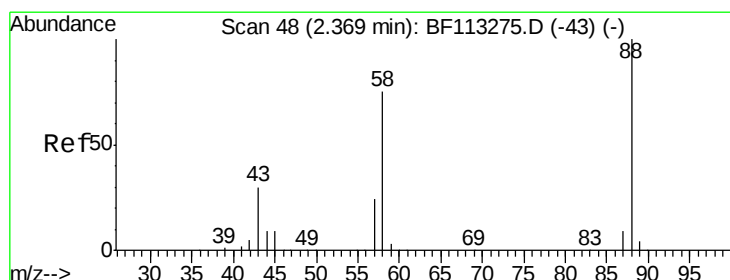
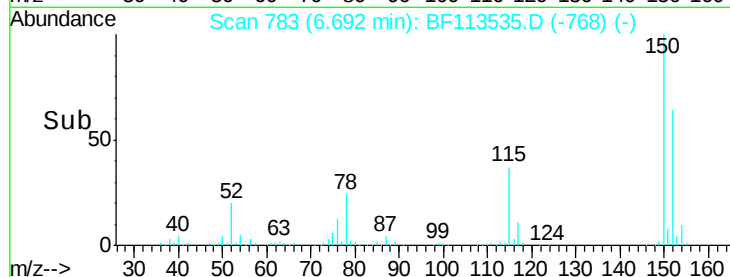
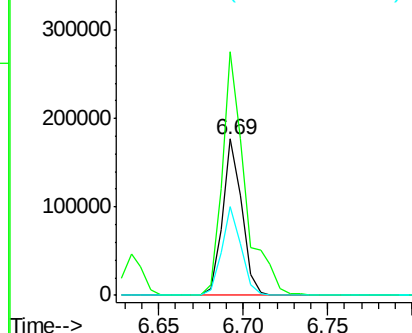
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Instrument :
BNA_F
ClientSampleId :
CS-7MS

Tgt Ion: 152 Resp: 141808
Ion Ratio Lower Upper
152 100
150 155.6 124.7 187.1
115 56.9 46.0 69.0



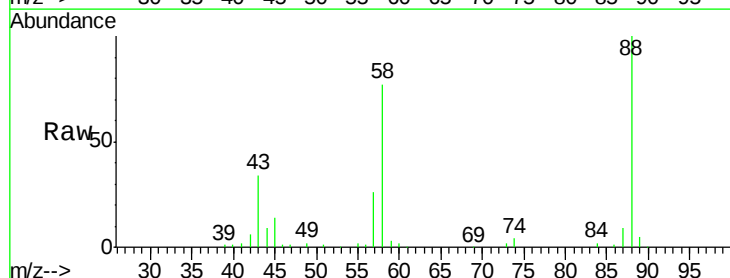
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



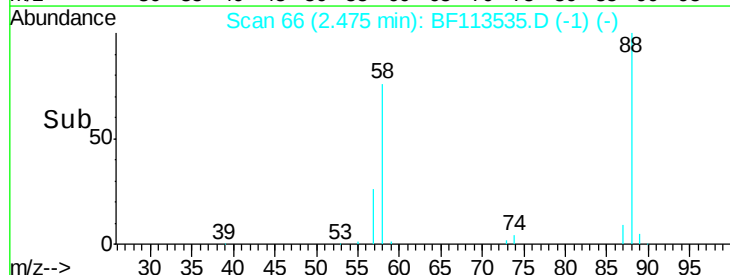
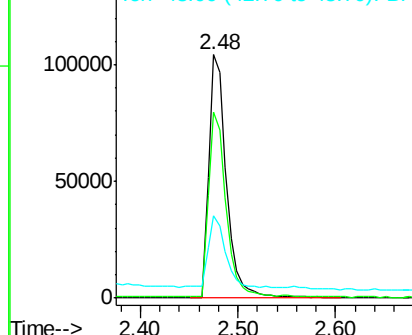
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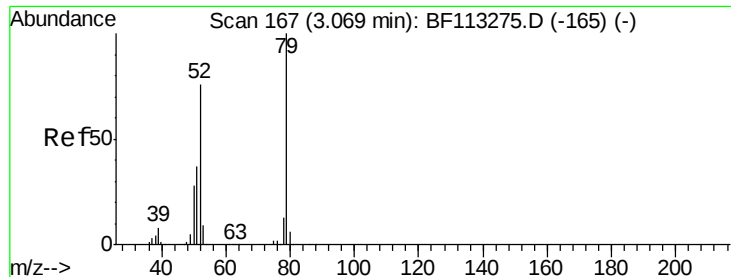
1,4-Dioxane
Concen: 29.544 ng
RT: 2.48 min Scan# 66
Delta R.T. 0.11 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Tgt Ion: 88 Resp: 130000
Ion Ratio Lower Upper
88 100
58 75.0 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

Pyridine

Concen: 24.954 ng

RT: 3.18 min Scan# 185

Delta R.T. 0.11 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

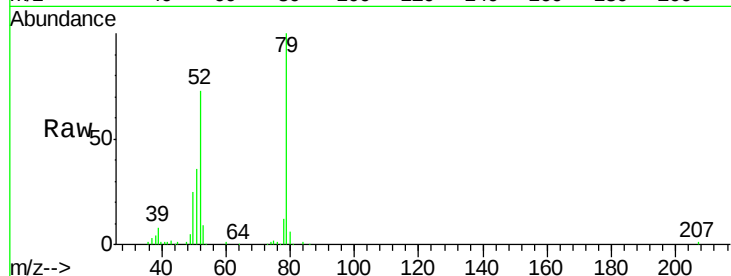
Tgt Ion: 79 Resp: 270687

Ion Ratio Lower Upper

79 100

52 73.2 61.0 91.4

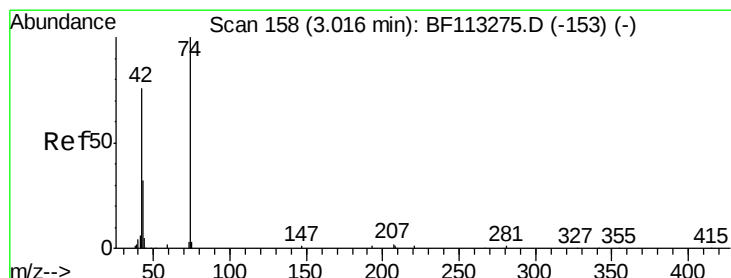
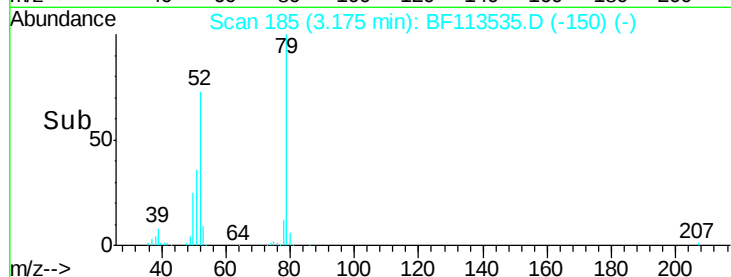
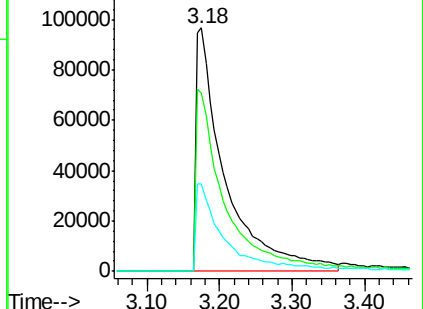
51 35.9 30.6 45.8



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 31.464 ng

RT: 3.08 min Scan# 168

Delta R.T. 0.06 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

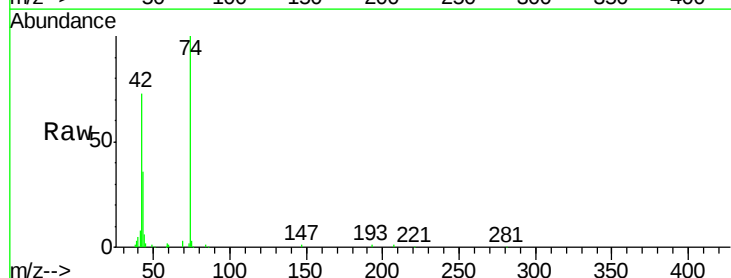
Tgt Ion: 42 Resp: 151729

Ion Ratio Lower Upper

42 100

74 137.9 102.4 153.6

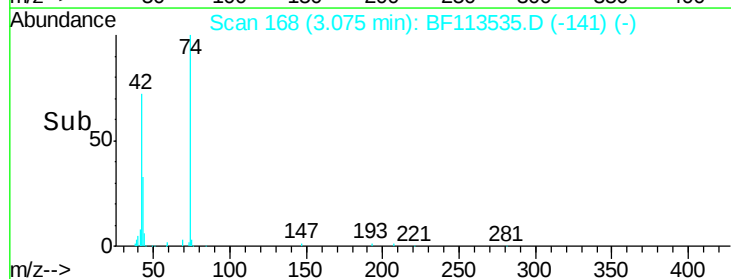
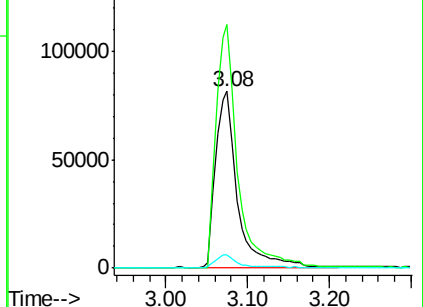
44 7.6 5.5 8.3



Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 98.791 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

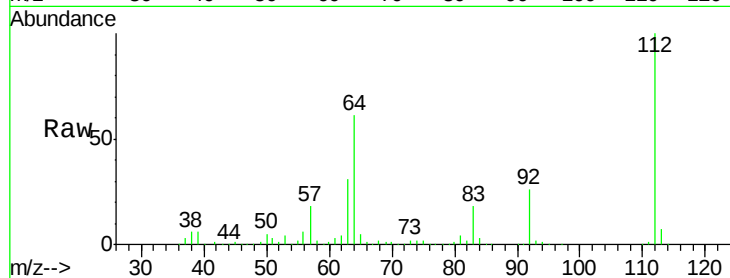
Tgt Ion: 112 Resp: 856780

Ion Ratio Lower Upper

112 100

64 61.1 49.2 73.8

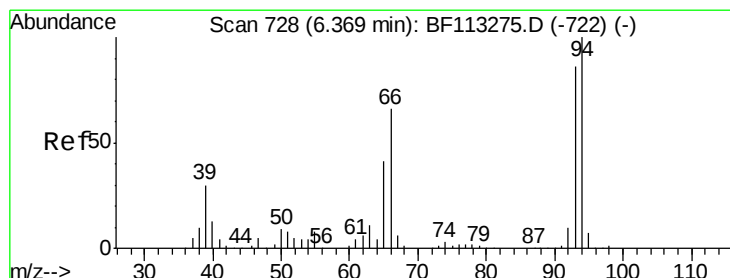
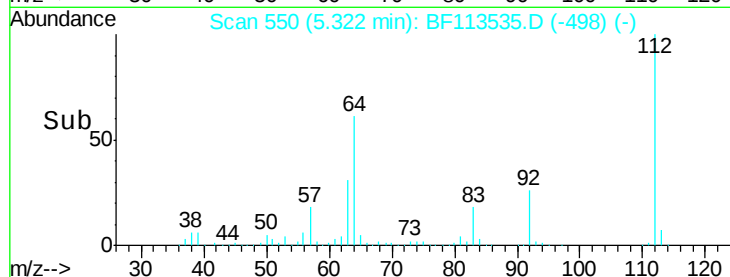
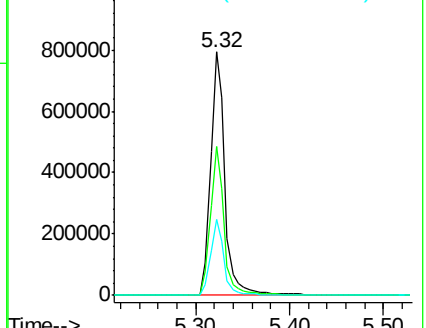
63 31.0 24.9 37.3



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: 7.601 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

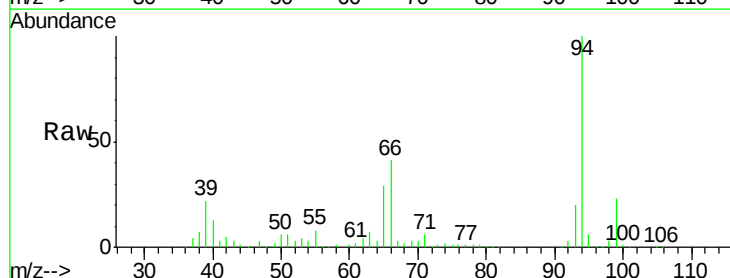
Tgt Ion: 93 Resp: 101550

Ion Ratio Lower Upper

93 100

66 204.3 62.1 93.1#

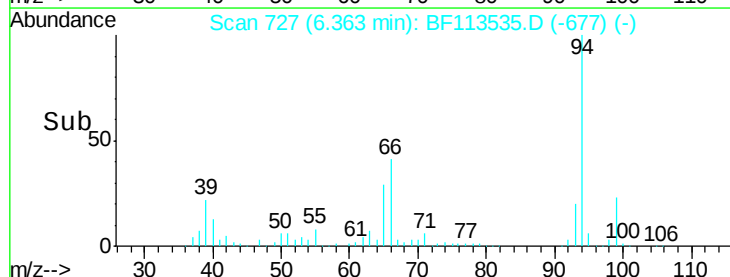
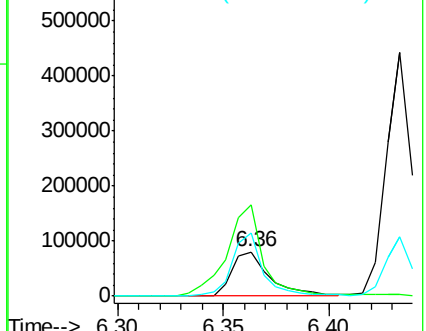
65 143.3 38.7 58.1#



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: 90.299 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampled :

CS-7MS

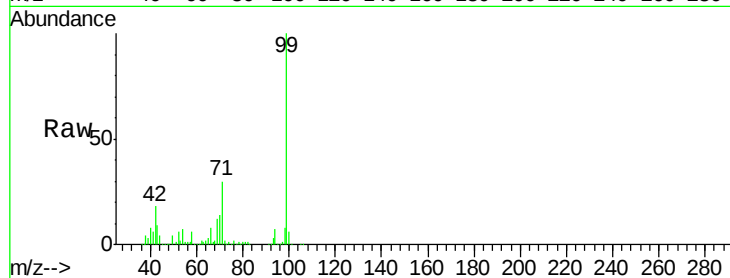
Tgt Ion: 99 Resp: 990699

Ion Ratio Lower Upper

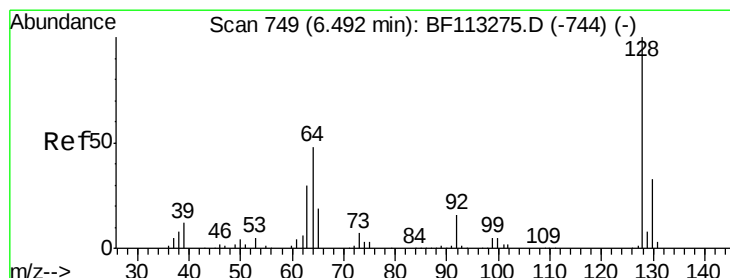
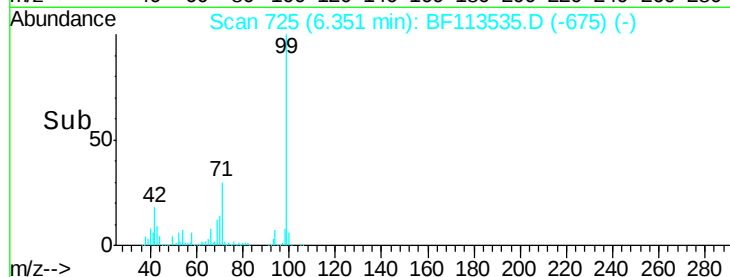
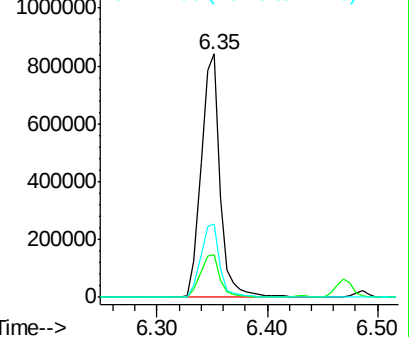
99 100

42 17.7 14.8 22.2

71 30.1 24.9 37.3



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



#8

2-Chlorophenol

Concen: 36.662 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

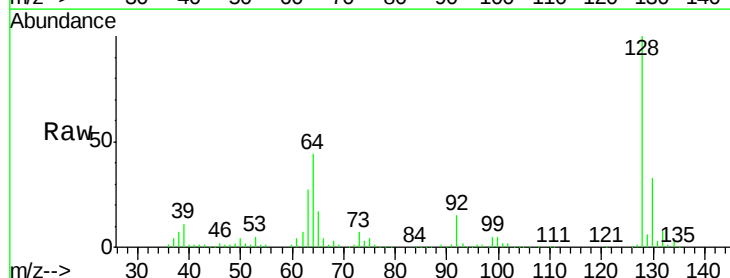
Tgt Ion: 128 Resp: 369226

Ion Ratio Lower Upper

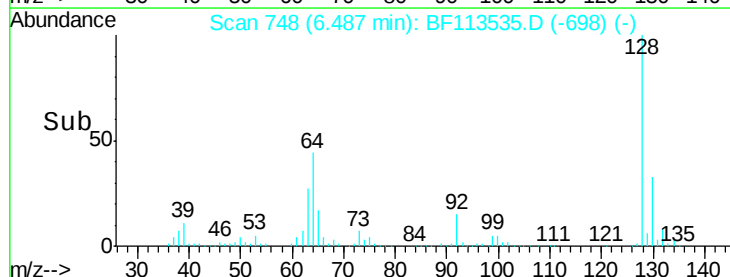
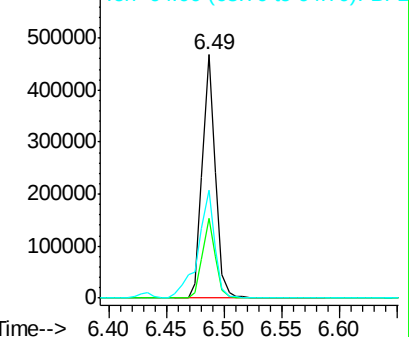
128 100

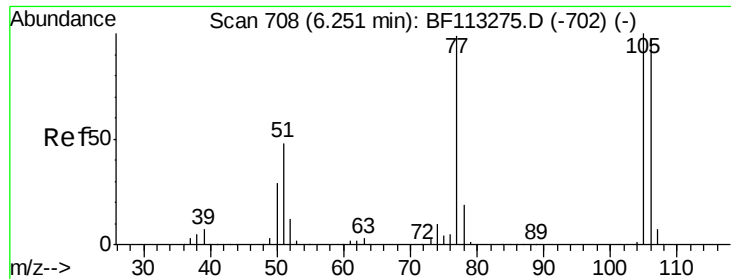
130 32.7 12.6 52.6

64 44.4 29.4 69.4



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

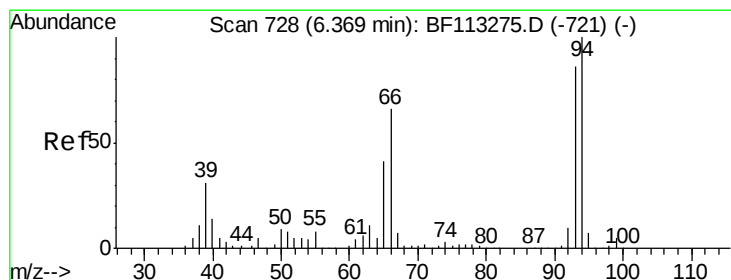
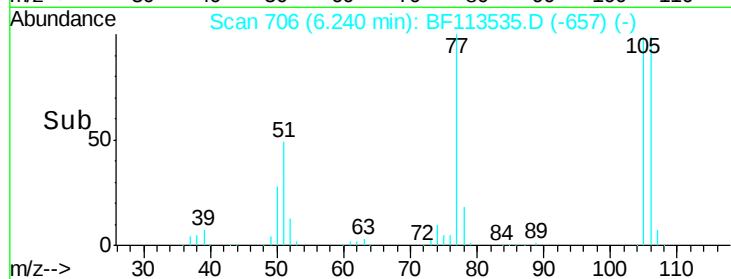
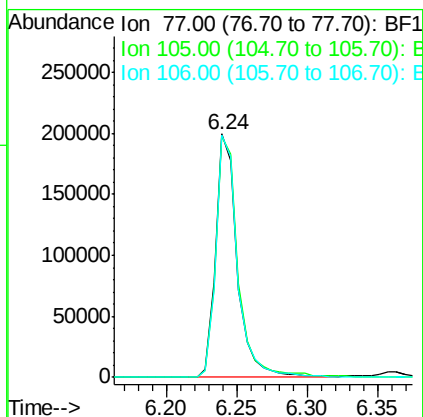
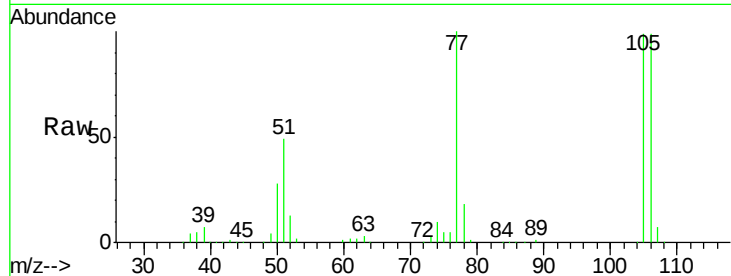




#9
Benzaldehyde
Concen: 29.018 ng
RT: 6.24 min Scan# 706
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

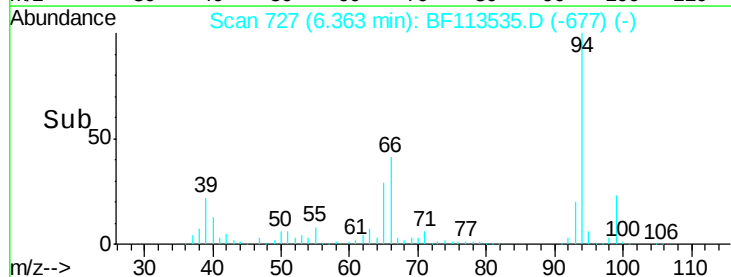
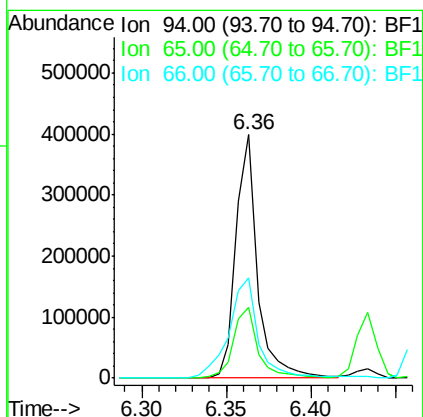
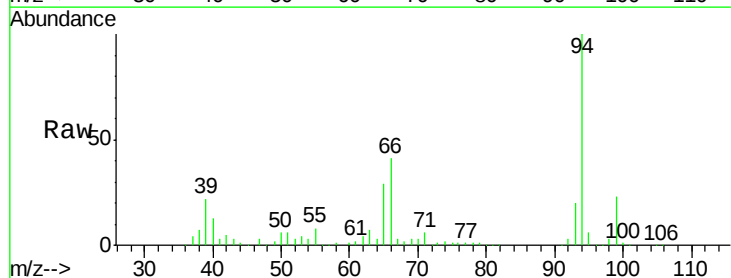
Instrument :
BNA_F
ClientSampled :
CS-7MS

Tgt Ion: 77 Resp: 213635
Ion Ratio Lower Upper
77 100
105 99.1 80.9 120.9
106 99.4 77.8 117.8



#10
Phenol
Concen: 28.169 ng
RT: 6.36 min Scan# 727
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Tgt Ion: 94 Resp: 352821
Ion Ratio Lower Upper
94 100
65 29.0 21.4 61.4
66 41.4 46.4 86.4#

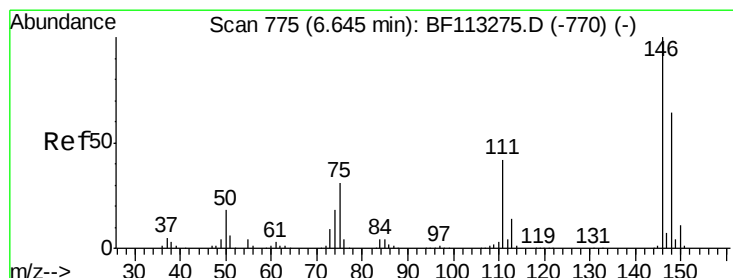
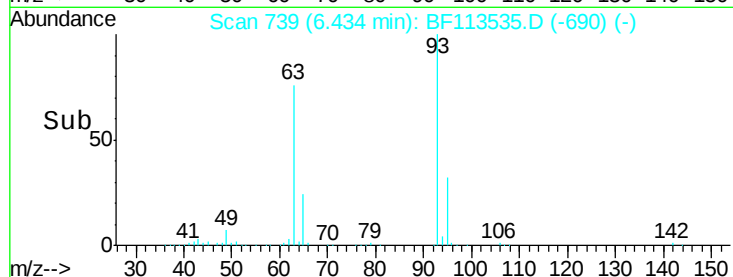
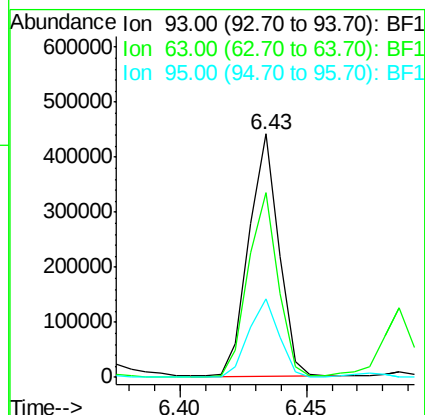
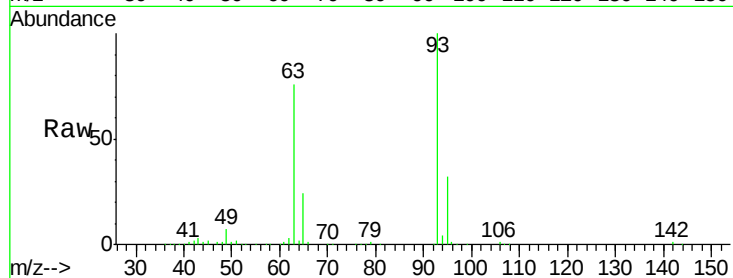




#11
 bis(2-Chloroethyl)ether
 Concen: 37.929 ng
 RT: 6.43 min Scan# 739
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

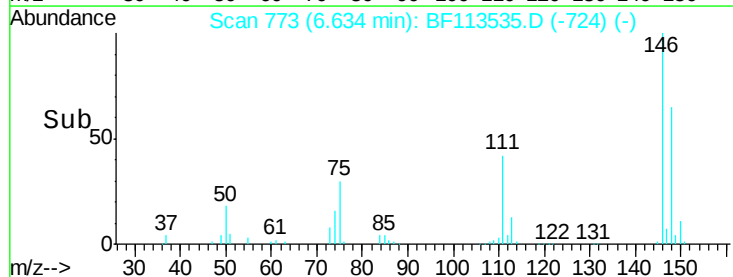
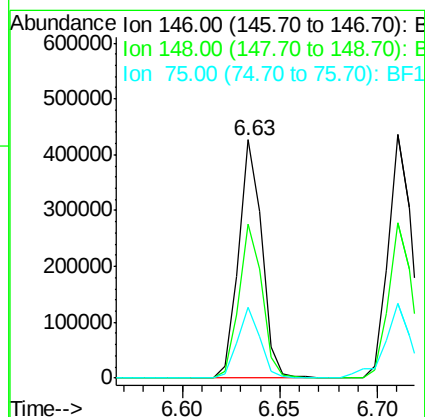
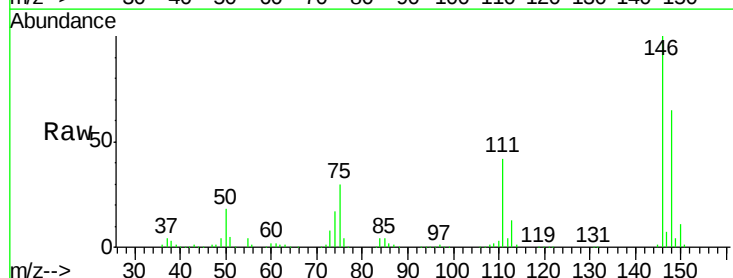
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MS

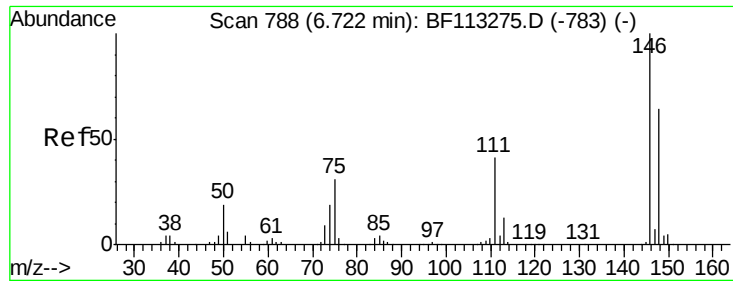
Tgt Ion: 93 Resp: 364164
 Ion Ratio Lower Upper
 93 100
 63 75.8 56.1 96.1
 95 32.5 12.8 52.8



#12
 1,3-Dichlorobenzene
 Concen: 32.554 ng
 RT: 6.63 min Scan# 773
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

Tgt Ion: 146 Resp: 353402
 Ion Ratio Lower Upper
 146 100
 148 64.9 51.4 77.0
 75 29.9 24.8 37.2

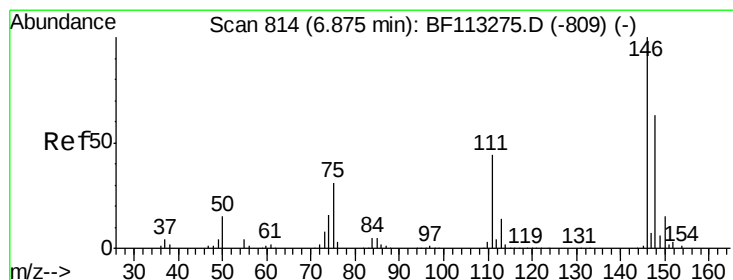
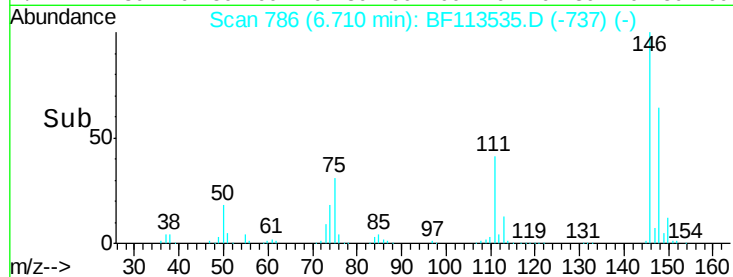
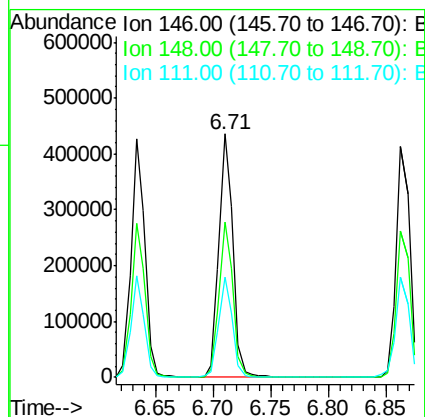
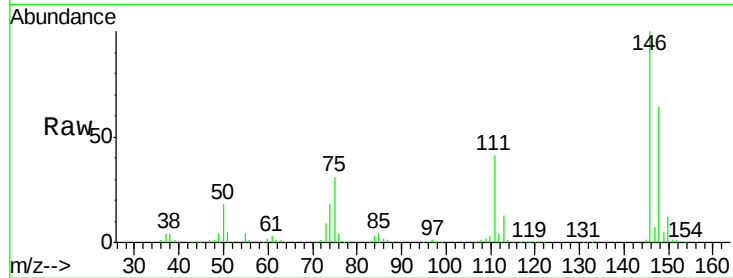




#13
 1,4-Dichlorobenzene
 Concen: 35.144 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

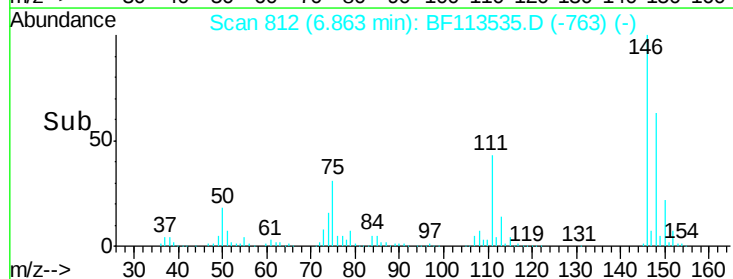
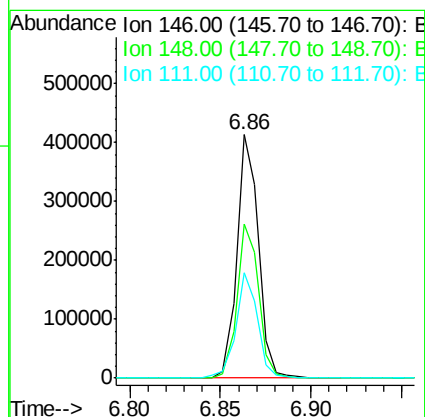
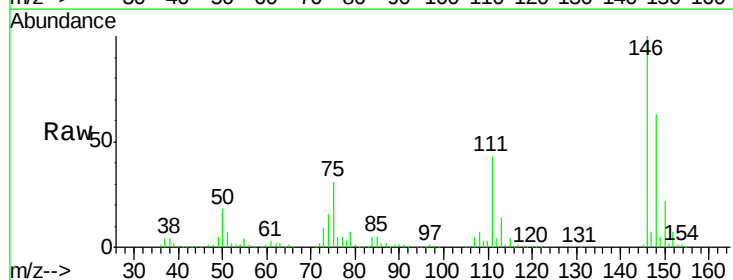
Instrument :
 BNA_F
 ClientSampled :
 CS-7MS

Tgt Ion:146 Resp: 368375
 Ion Ratio Lower Upper
 146 100
 148 63.9 51.1 76.7
 111 41.0 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 33.049 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

Tgt Ion:146 Resp: 340804
 Ion Ratio Lower Upper
 146 100
 148 63.2 50.2 75.4
 111 43.2 35.4 53.2





#15

Benzyl Alcohol

Concen: 39.314 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

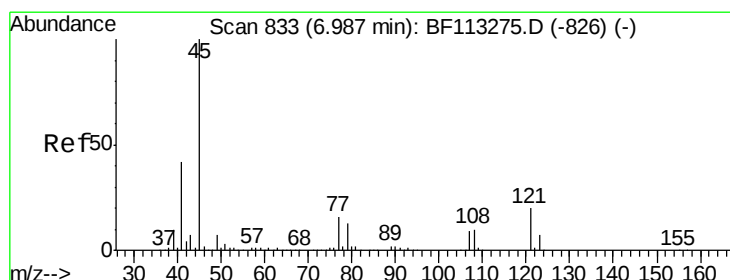
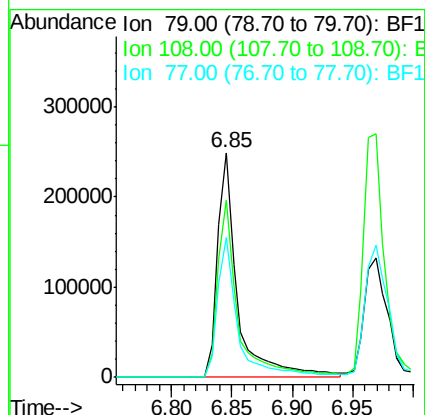
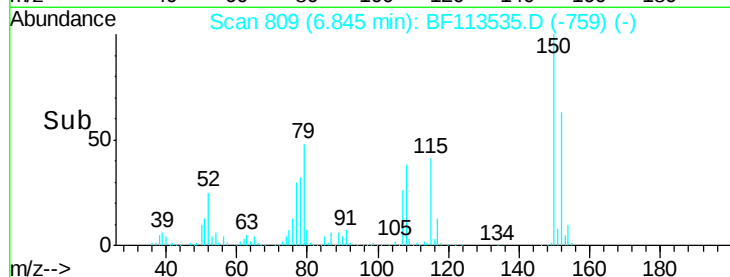
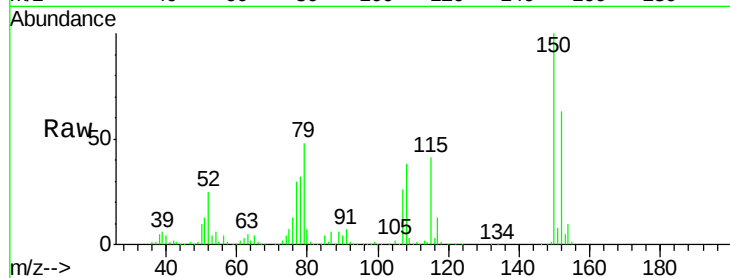
Tgt Ion: 79 Resp: 284556

Ion Ratio Lower Upper

79 100

108 78.5 62.0 93.0

77 62.3 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.505 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

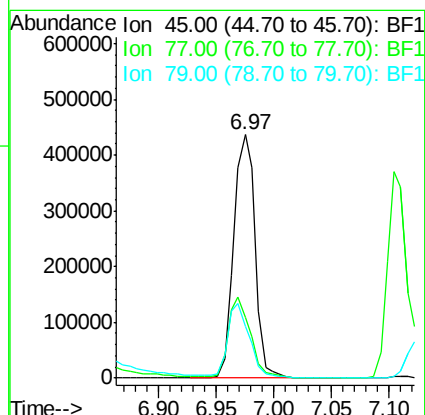
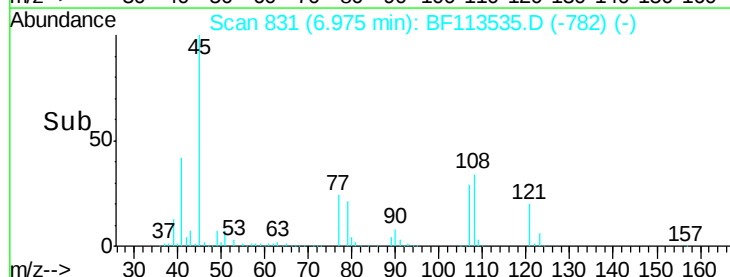
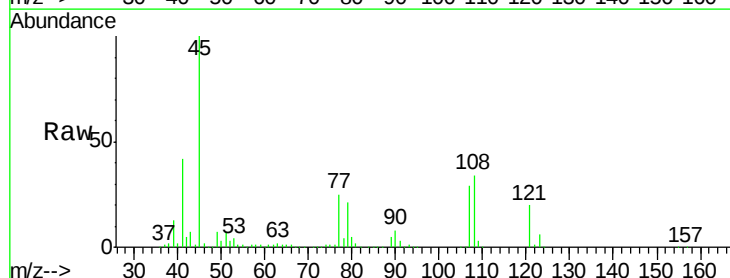
Tgt Ion: 45 Resp: 555368

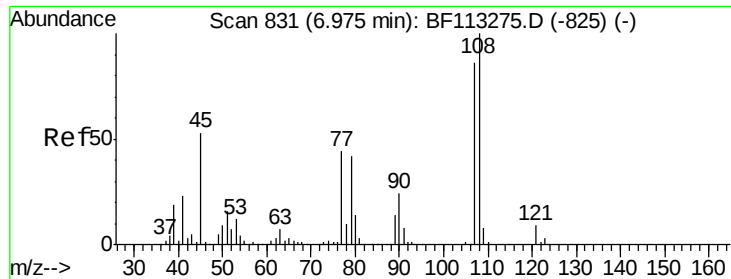
Ion Ratio Lower Upper

45 100

77 25.0 0.0 36.6

79 21.4 0.0 34.0

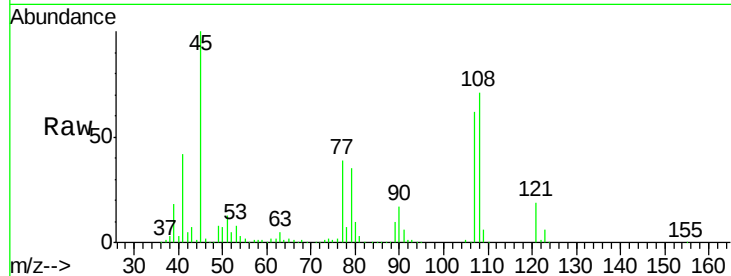




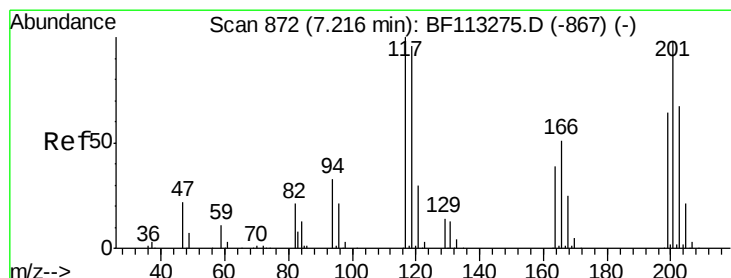
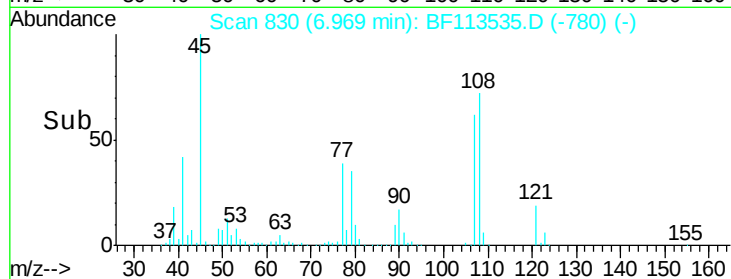
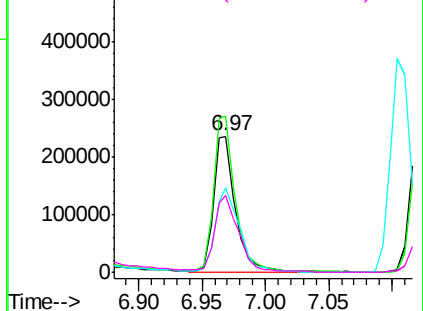
#17
2-Methylphenol
Concen: 36.003 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Instrument :
BNA_F
ClientSampleId :
CS-7MS

Tgt Ion:107 Resp: 284159
Ion Ratio Lower Upper
107 100
108 114.8 93.4 140.0
77 62.1 41.2 61.8#
79 56.5 40.1 60.1

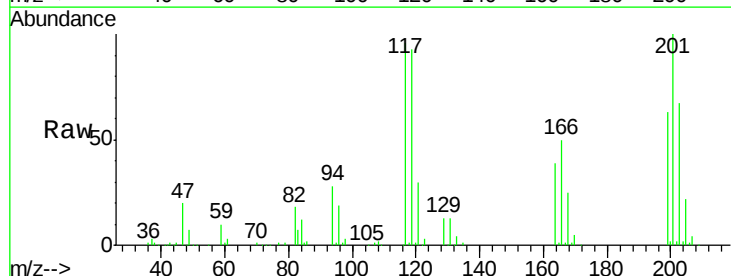


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

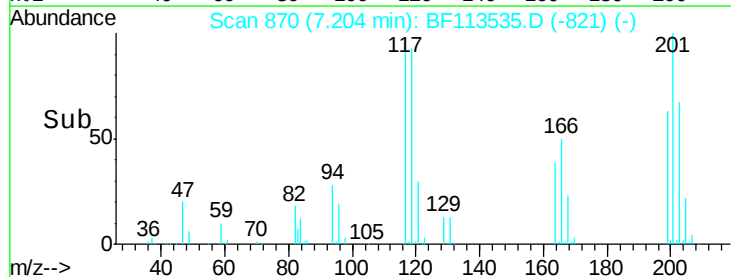
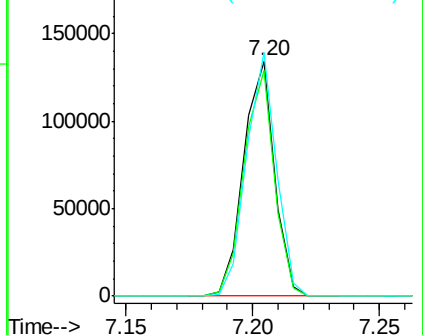


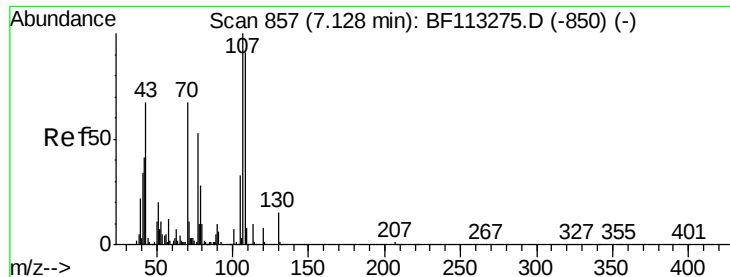
#18
Hexachloroethane
Concen: 30.137 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Tgt Ion:117 Resp: 113459
Ion Ratio Lower Upper
117 100
119 96.3 76.9 115.3
201 103.8 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

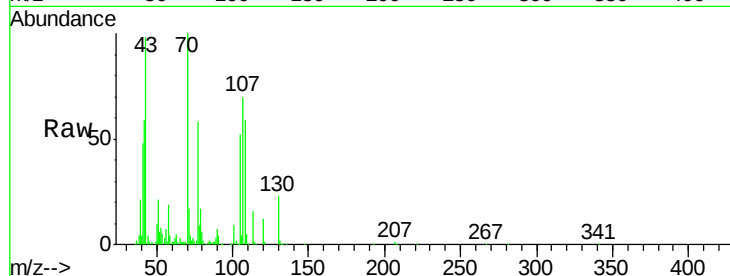




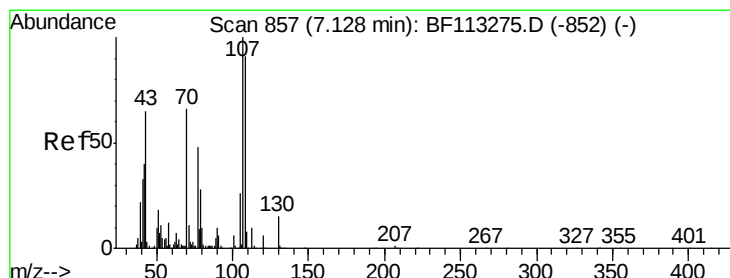
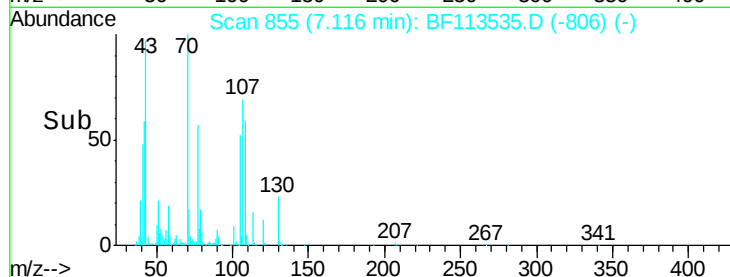
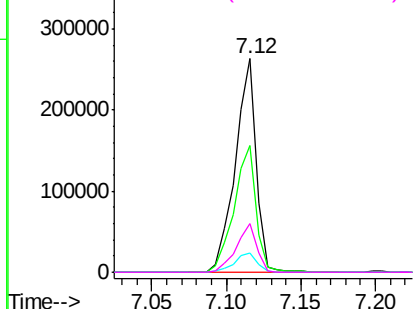
#19
n-Nitroso-di-n-propylamine
Concen: 37.763 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Instrument :
BNA_F
ClientSampleId :
CS-7MS

Tgt Ion:	70	Resp:	260242
Ion	Ratio	Lower	Upper
70	100		
42	59.2	48.4	72.6
101	9.2	7.8	11.8
130	22.8	18.2	27.4

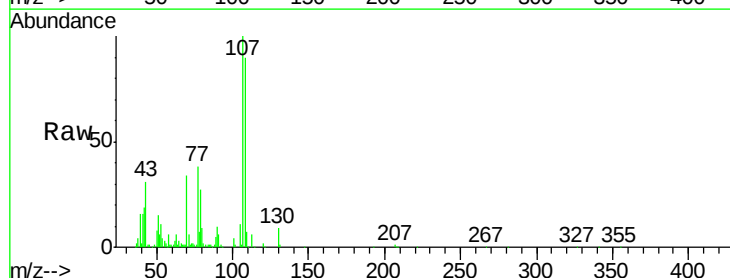


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

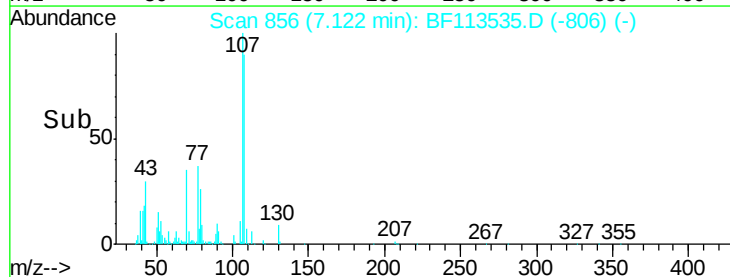
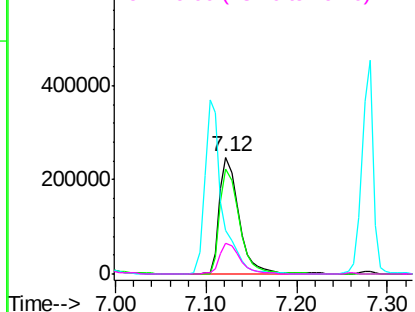


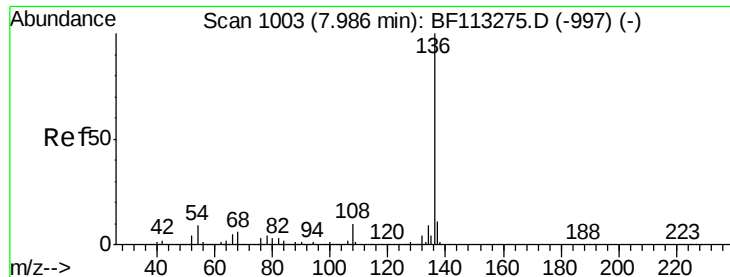
#20
3+4-Methylphenols
Concen: 39.434 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Tgt Ion:	107	Resp:	365891
Ion	Ratio	Lower	Upper
107	100		
108	90.2	71.4	111.4
77	37.6	33.5	73.5
79	26.6	8.3	48.3



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

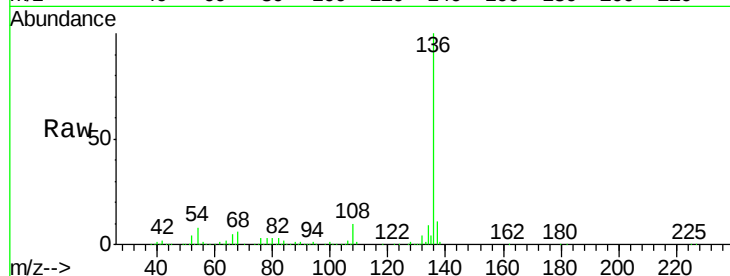




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Instrument :
BNA_F
ClientSampled :
CS-7MS

Tgt Ion:	136	Resp:	511143
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.9	13.3
54	8.3	7.0	10.6
68	6.1	4.8	7.2



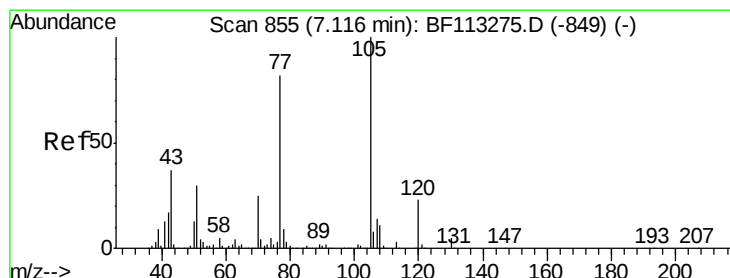
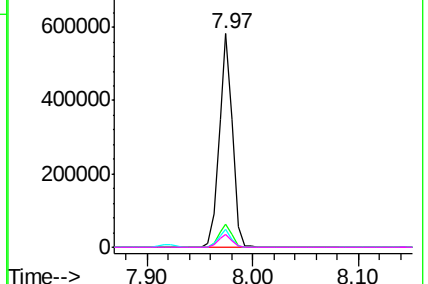
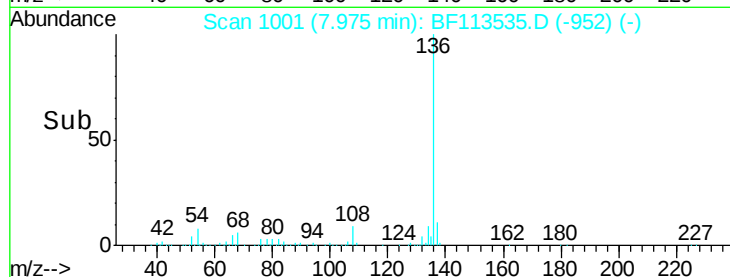
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

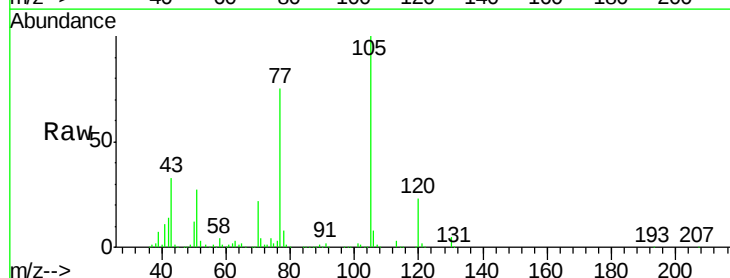
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 44.504 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Tgt Ion:	105	Resp:	518778
Ion	Ratio	Lower	Upper
105	100		
71	3.7	3.3	4.9
51	27.1	24.2	36.2
120	23.3	18.1	27.1



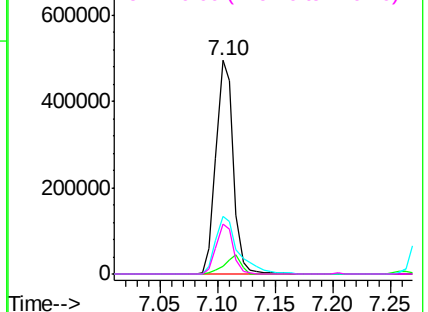
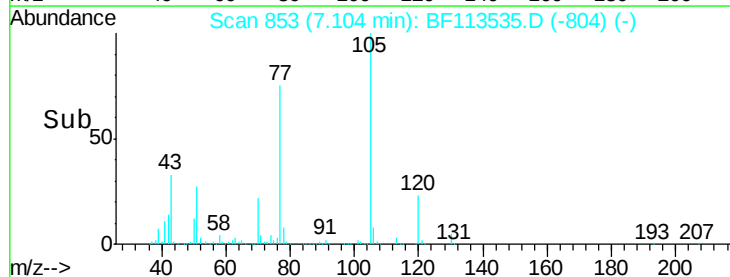
Abundance

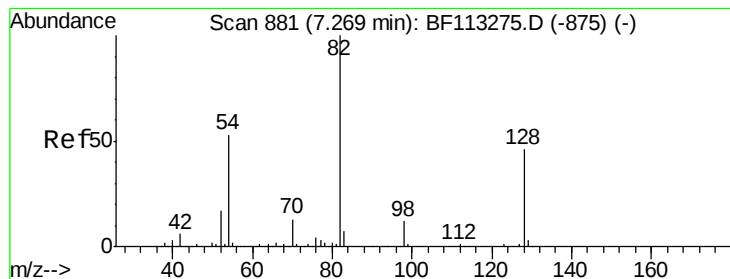
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E





#23

Nitrobenzene-d5

Concen: 88.097 ng

RT: 7.26 min Scan# 880

Delta R.T. -0.00 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

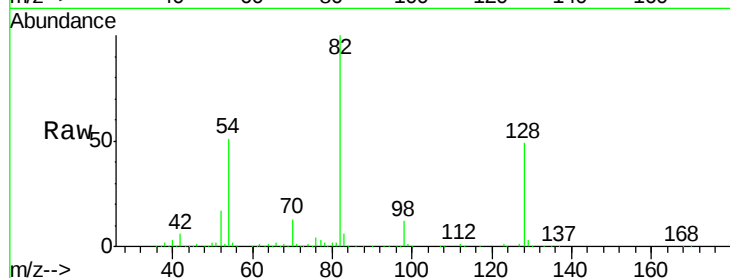
Tgt Ion: 82 Resp: 758672

Ion Ratio Lower Upper

82 100

128 48.9 36.5 54.7

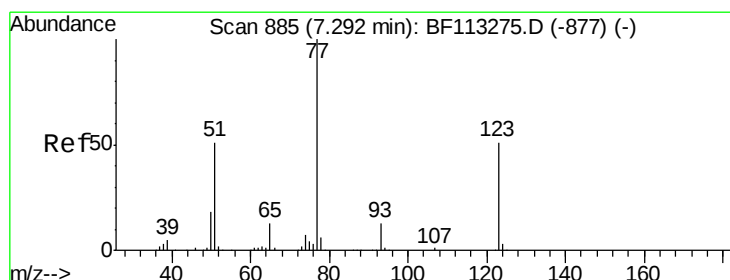
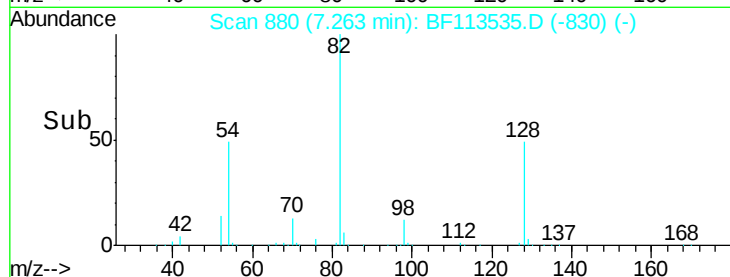
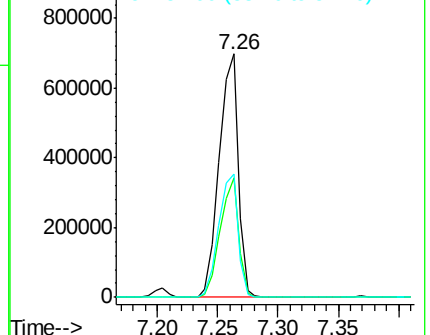
54 50.6 42.2 63.2



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24

Nitrobenzene

Concen: 43.015 ng

RT: 7.28 min Scan# 883

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

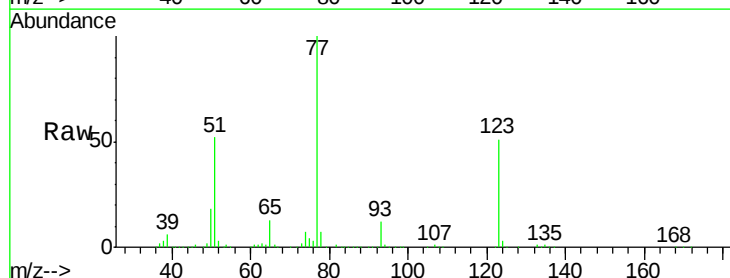
Tgt Ion: 77 Resp: 386558

Ion Ratio Lower Upper

77 100

123 50.6 40.8 61.2

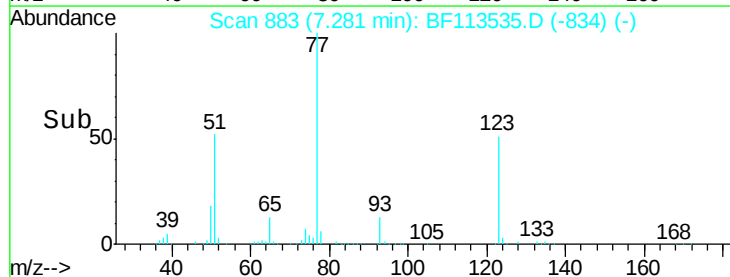
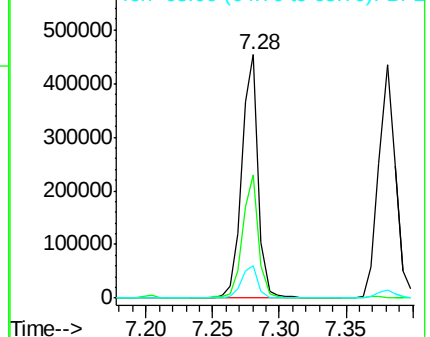
65 13.1 10.6 16.0

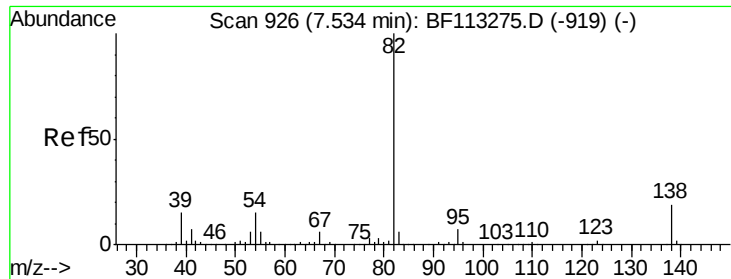


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

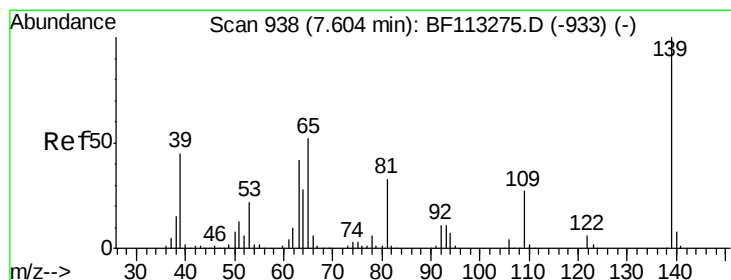
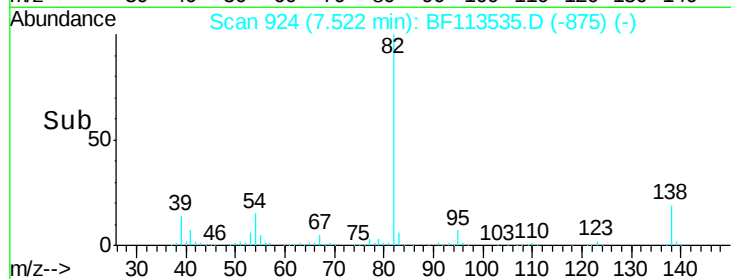
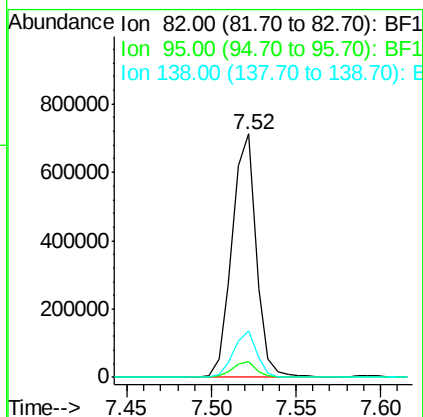
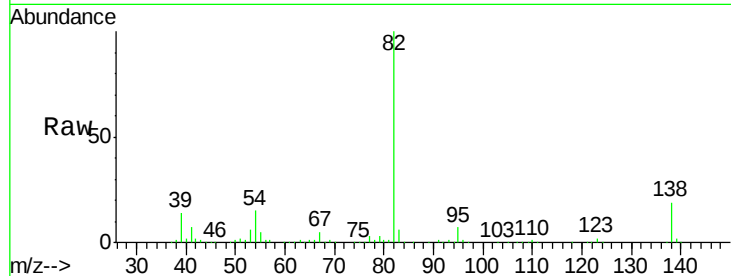




#25
Isophorone
Concen: 42.597 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

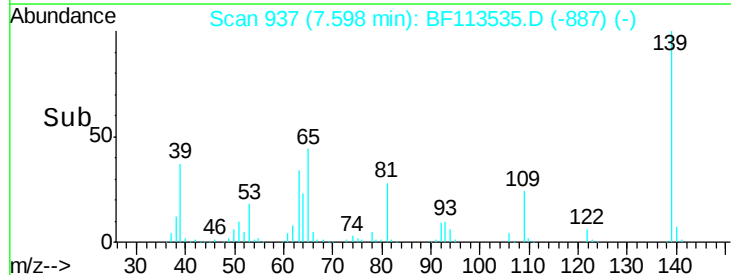
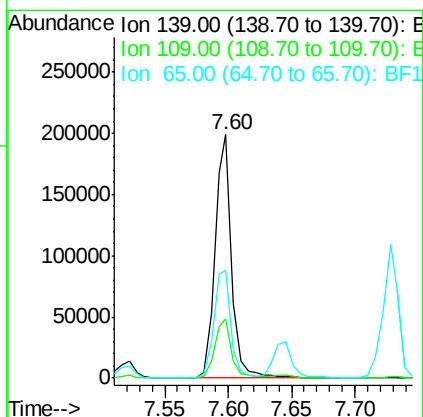
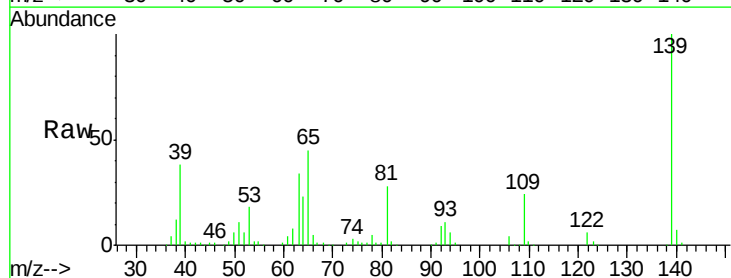
Instrument :
BNA_F
ClientSampleId :
CS-7MS

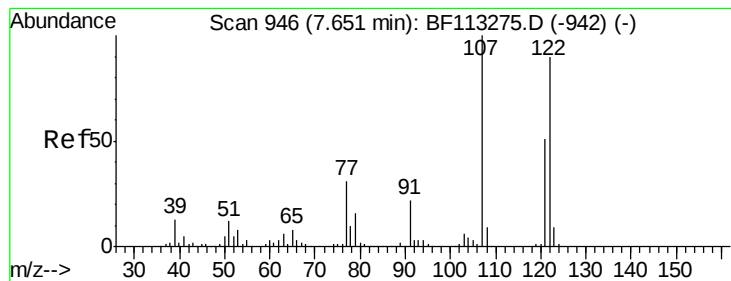
Tgt Ion: 82 Resp: 710908
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 19.2 15.2 22.8



#26
2-Nitrophenol
Concen: 38.730 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Tgt Ion: 139 Resp: 183969
Ion Ratio Lower Upper
139 100
109 24.3 21.7 32.5
65 44.5 41.6 62.4

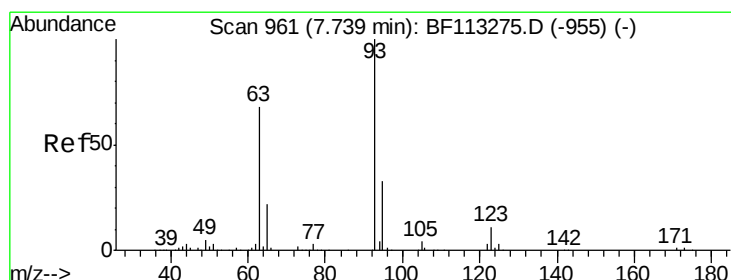
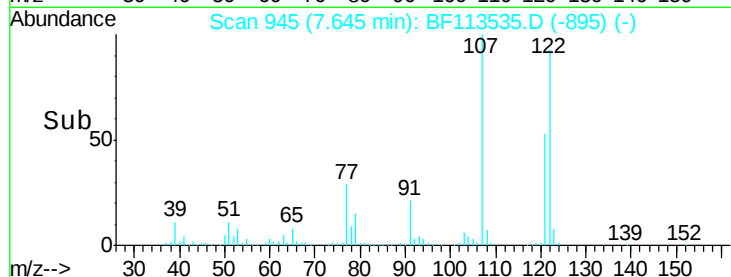
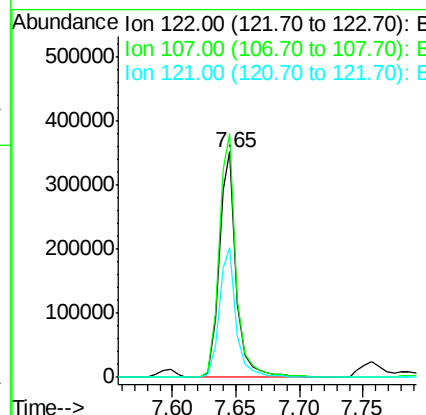
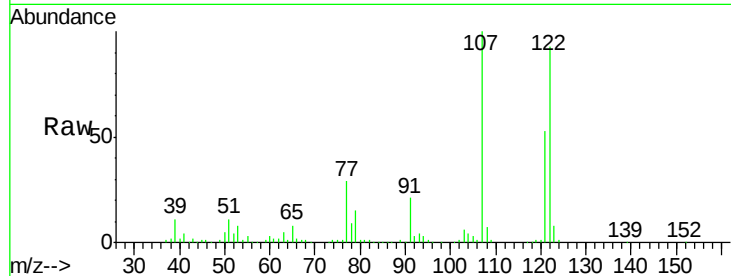




#27
 2,4-Dimethylphenol
 Concen: 48.379 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

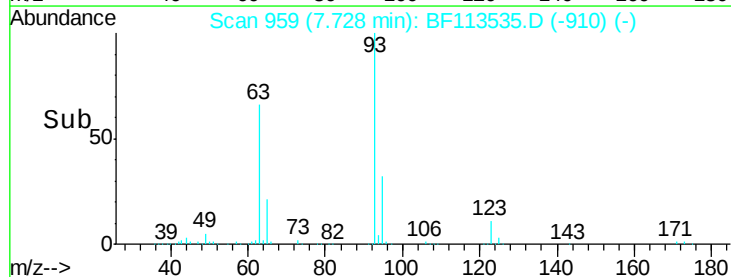
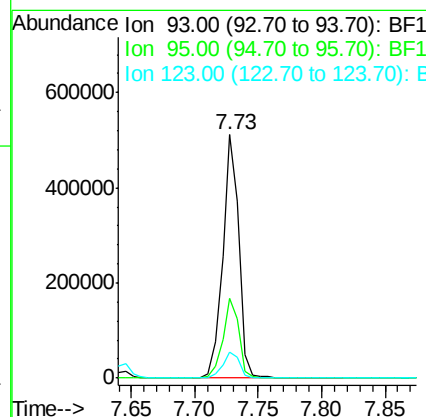
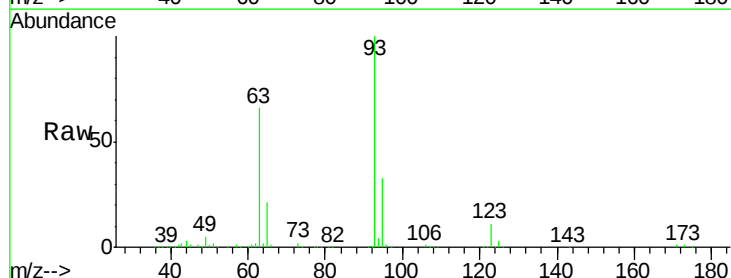
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MS

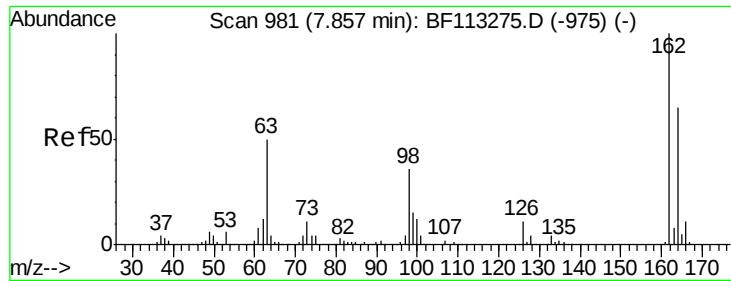
Tgt Ion	Ratio	Lower	Upper
122	100		
107	108.0	88.8	133.2
121	57.5	45.5	68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 43.603 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	10.9	9.1	13.7

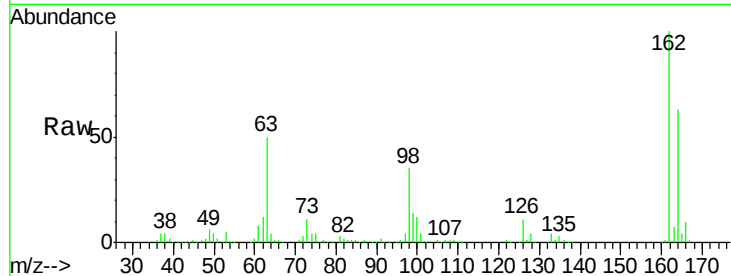




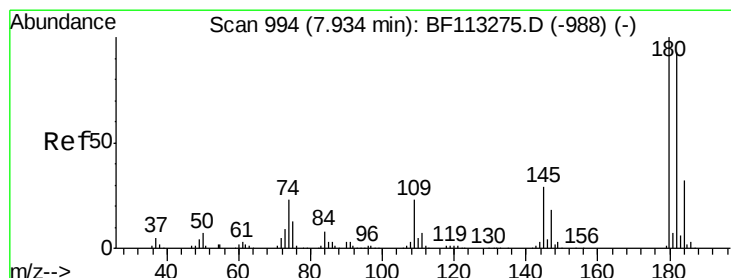
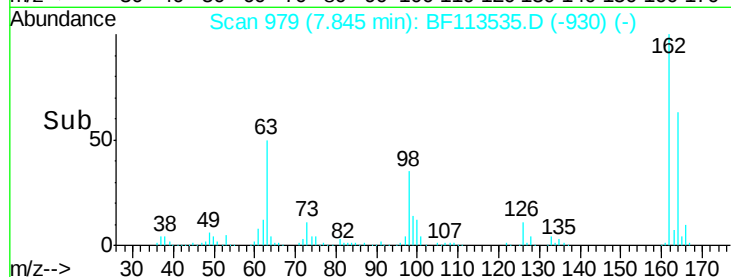
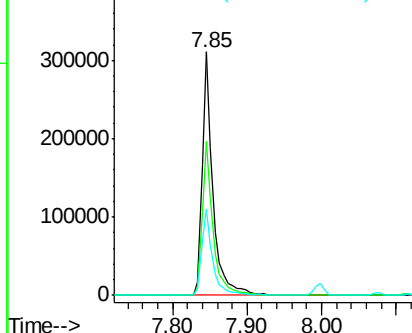
#29
 2,4-Dichlorophenol
 Concen: 42.848 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MS

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.2	44.6	84.6
98	35.3	15.6	55.6

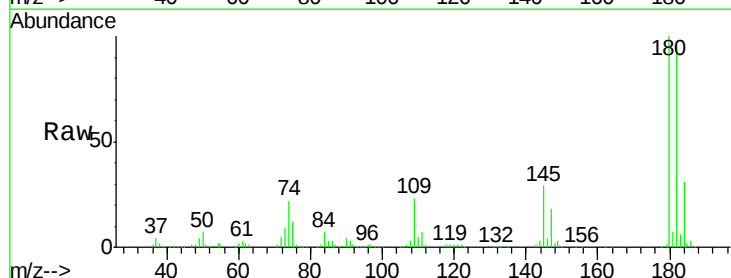


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

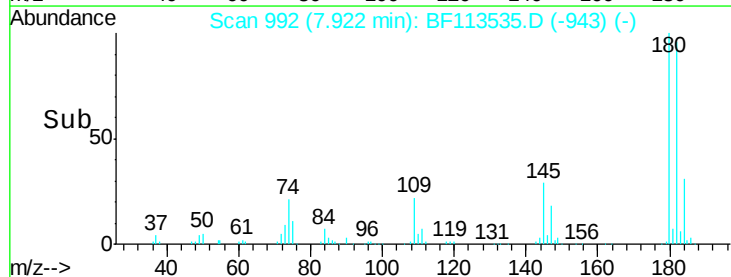
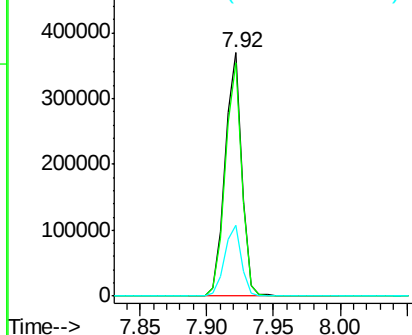


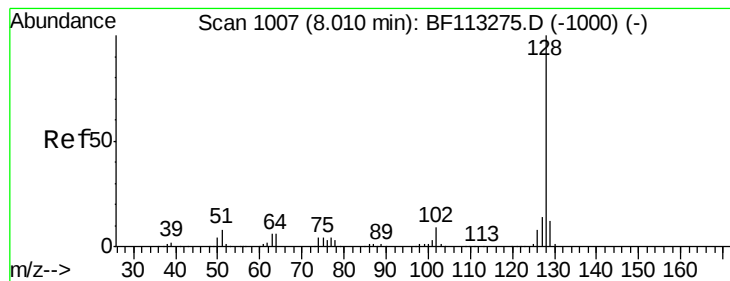
#30
 1,2,4-Trichlorobenzene
 Concen: 41.006 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.7	74.6	111.8
145	29.1	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: 41.531 ng

RT: 8.00 min Scan# 1005

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

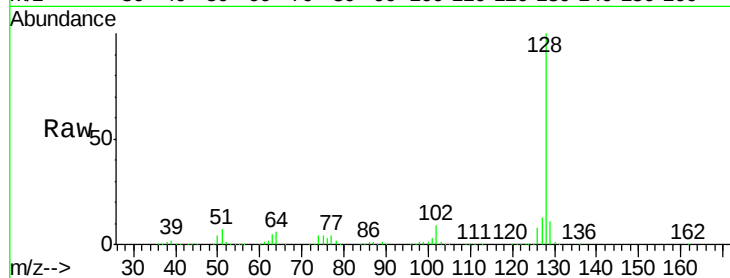
Tgt Ion:128 Resp: 1037383

Ion Ratio Lower Upper

128 100

129 11.4 9.3 13.9

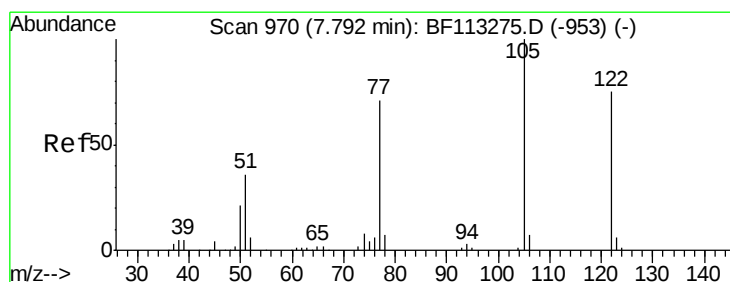
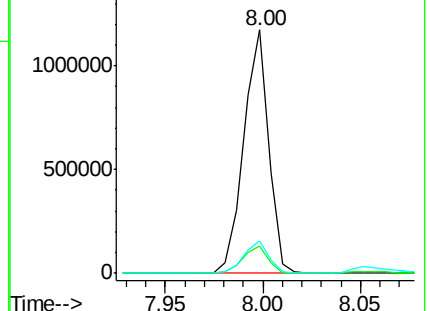
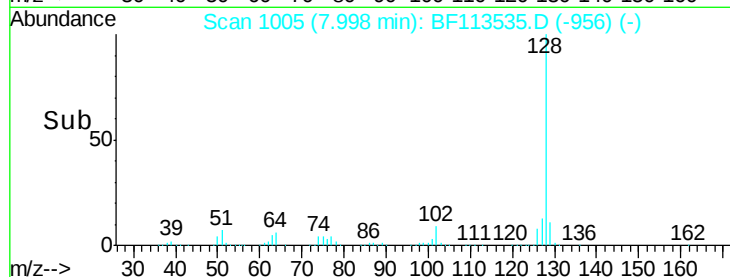
127 13.4 10.9 16.3



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: 8.606 ng

RT: 7.76 min Scan# 964

Delta R.T. -0.03 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

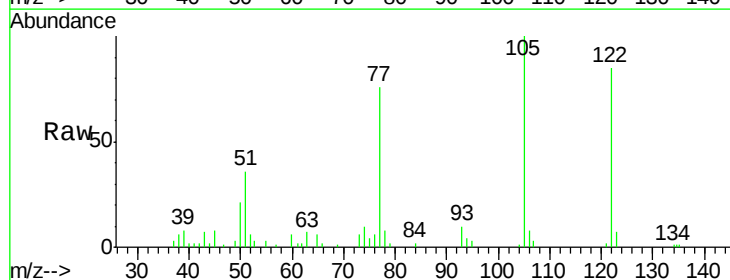
Tgt Ion:122 Resp: 47334

Ion Ratio Lower Upper

122 100

105 117.2 100.4 140.4

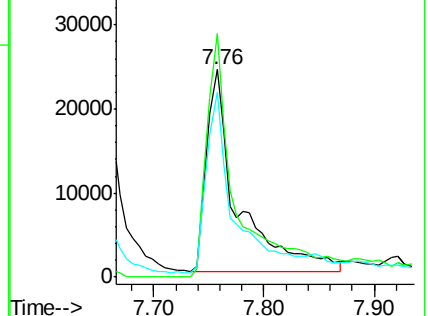
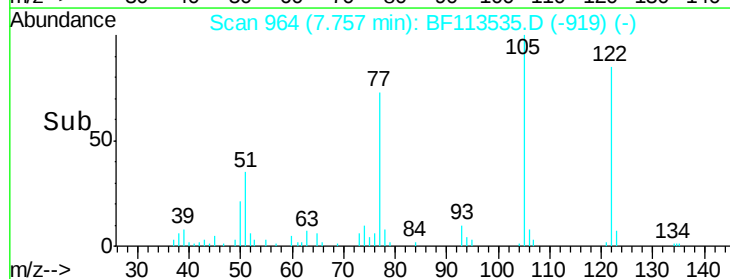
77 88.7 69.0 109.0

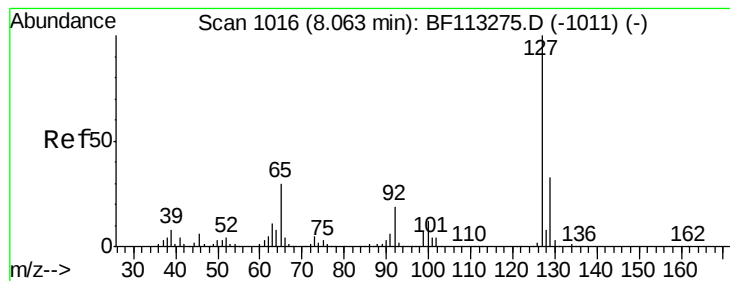


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1





#33

4-Chloroaniline

Concen: 5.666 ng

RT: 8.05 min Scan# 1014

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

Tgt Ion:127 Resp: 55190

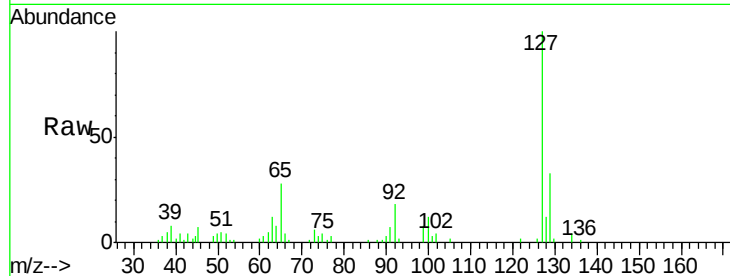
Ion Ratio Lower Upper

127 100

129 33.0 26.3 39.5

65 28.0 24.2 36.4

92 18.0 15.0 22.6

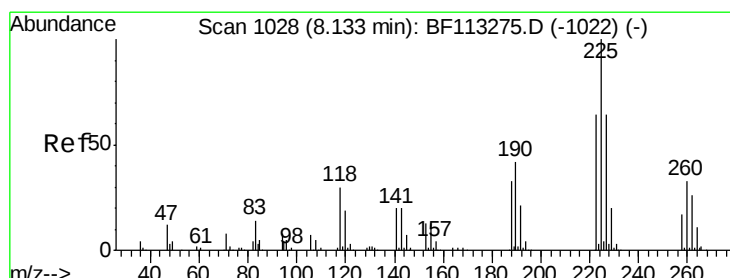
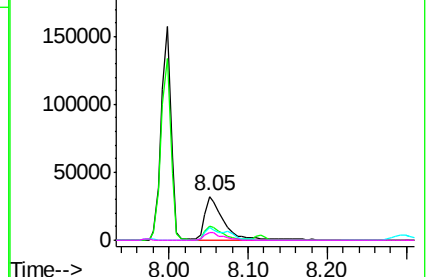
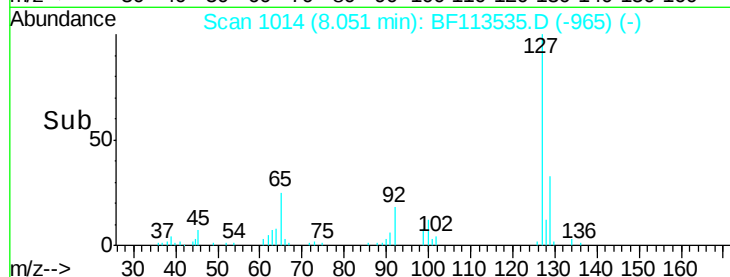


Abundance Ion 127.00 (126.70 to 127.70): E

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: 39.719 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.02 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

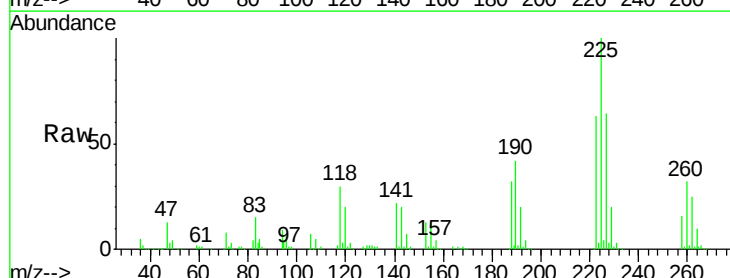
Tgt Ion:225 Resp: 188593

Ion Ratio Lower Upper

225 100

223 63.2 51.4 77.2

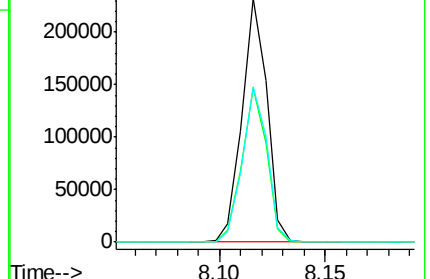
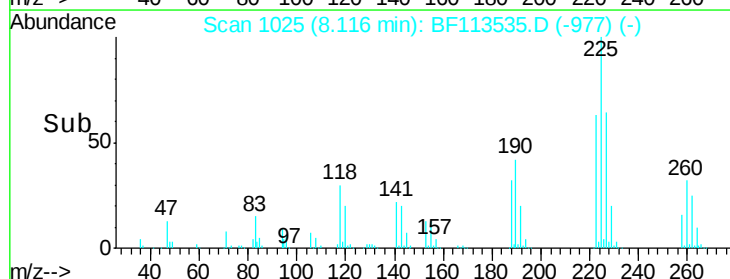
227 63.7 51.1 76.7

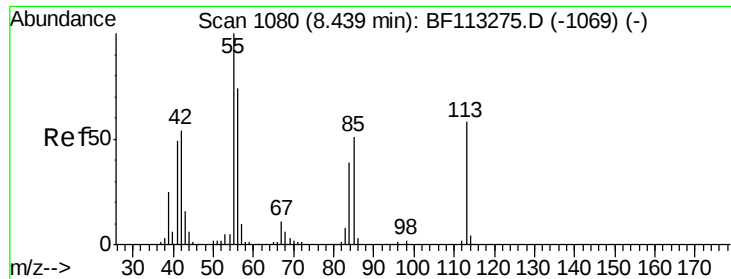


Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

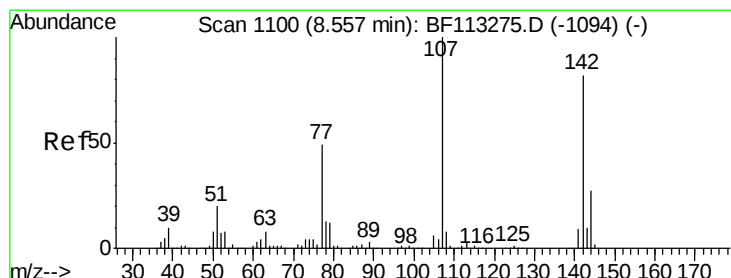
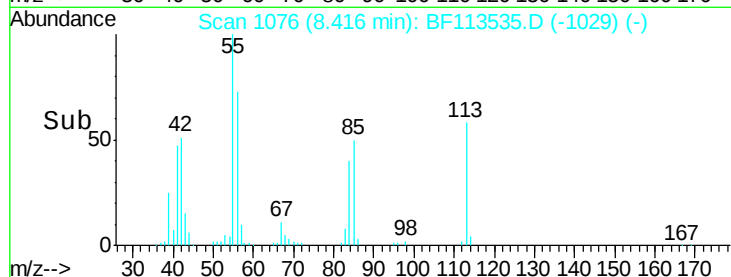
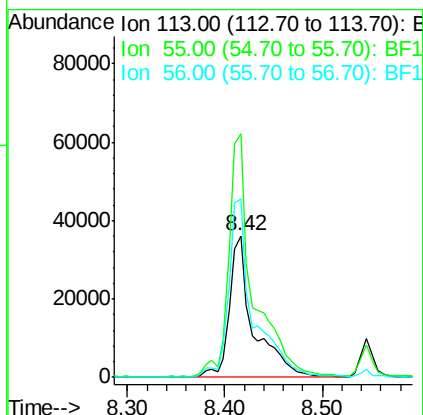
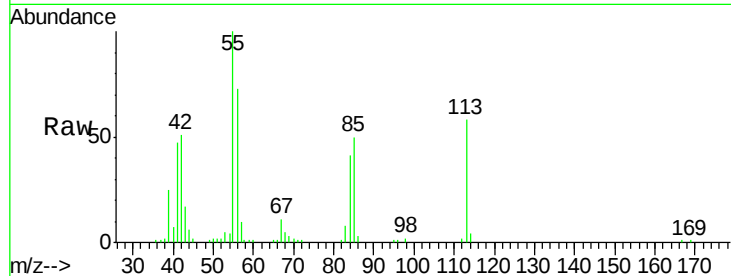




#35
 Caprolactam
 Concen: 26.388 ng
 RT: 8.42 min Scan# 1076
 Delta R.T. -0.02 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

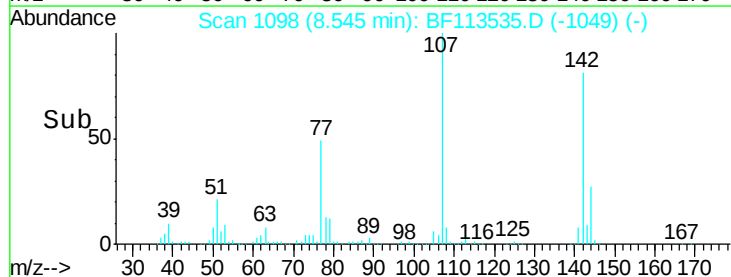
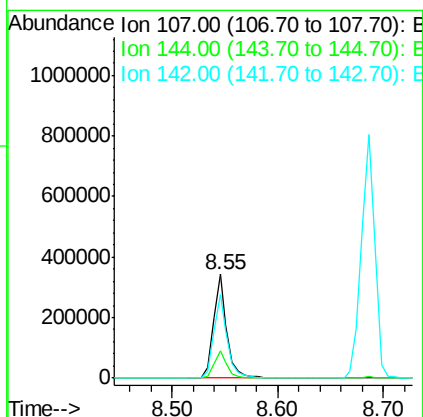
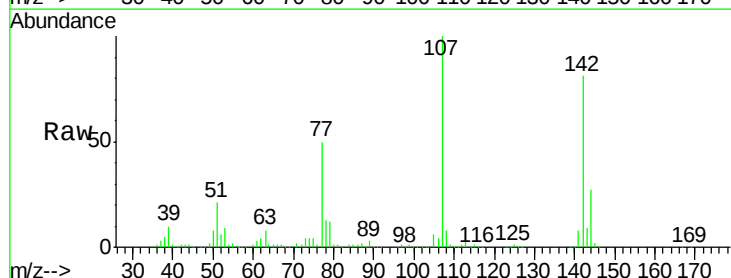
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MS

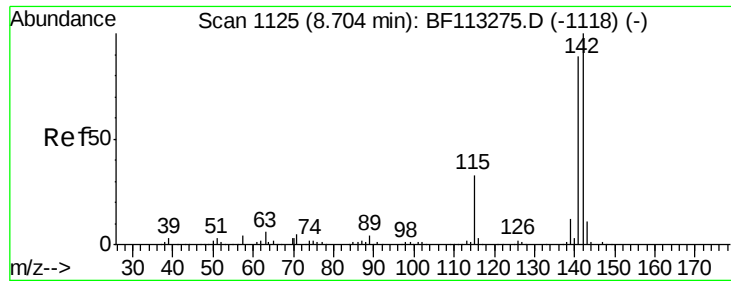
Tgt Ion:113 Resp: 62711
 Ion Ratio Lower Upper
 113 100
 55 172.0 152.7 192.7
 56 126.2 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 41.027 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

Tgt Ion:107 Resp: 305557
 Ion Ratio Lower Upper
 107 100
 144 26.6 21.4 32.0
 142 80.7 65.6 98.4

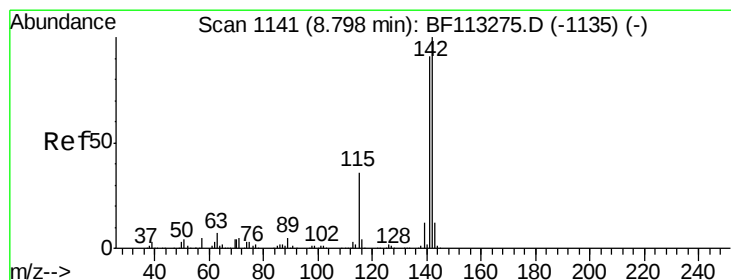
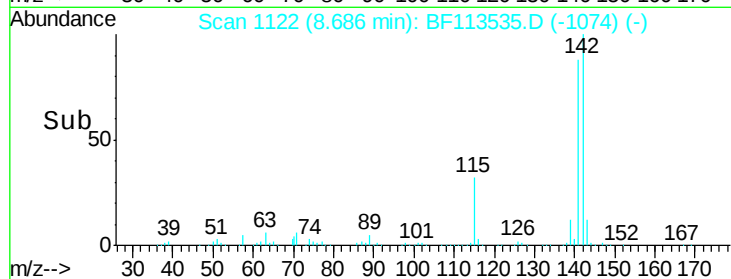
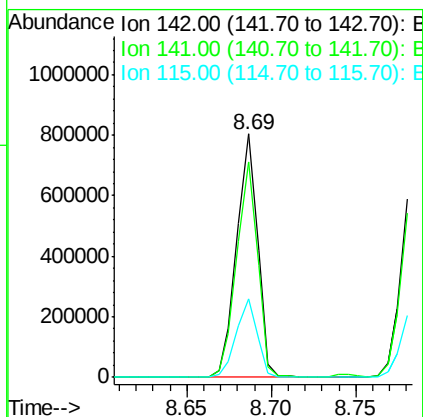
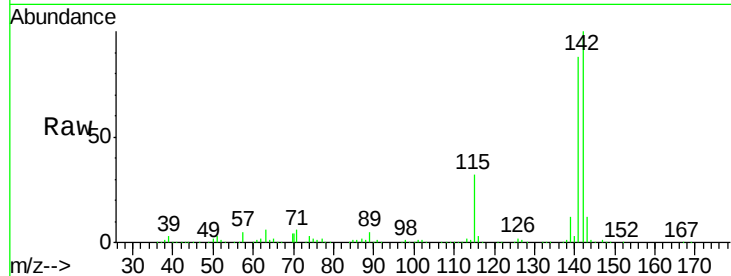




#37
2-Methylnaphthalene
Concen: 44.891 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.02 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

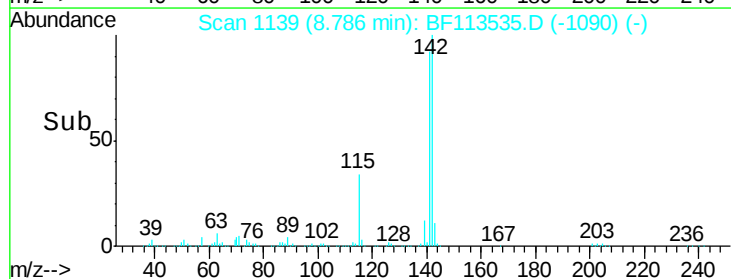
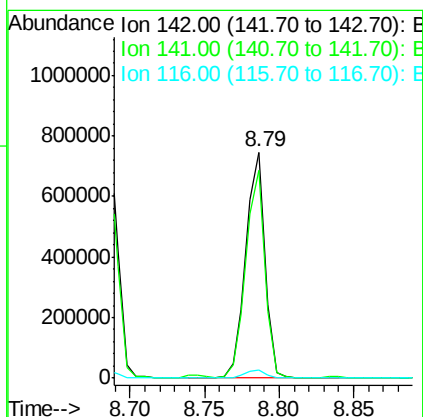
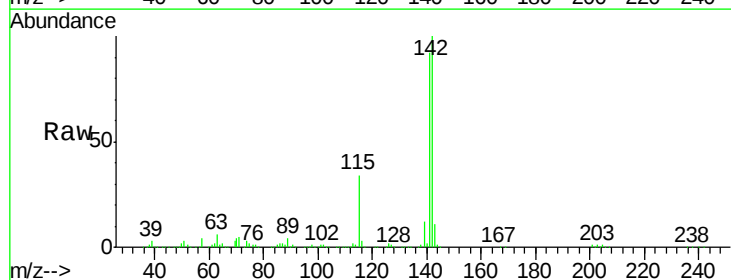
Instrument :
BNA_F
ClientSampleId :
CS-7MS

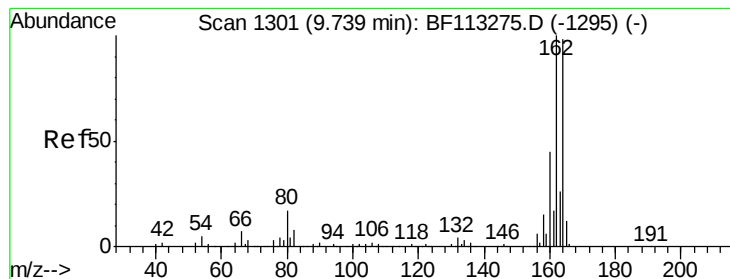
Tgt Ion:142 Resp: 699648
Ion Ratio Lower Upper
142 100
141 88.4 71.0 106.6
115 32.5 26.6 39.8



#38
1-Methylnaphthalene
Concen: 44.238 ng
RT: 8.79 min Scan# 1139
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Tgt Ion:142 Resp: 663178
Ion Ratio Lower Upper
142 100
141 91.8 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. -0.02 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

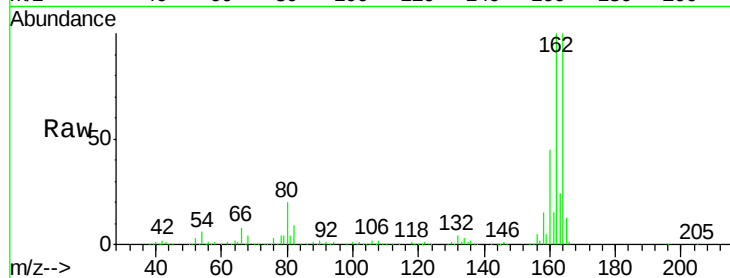
Tgt Ion:164 Resp: 231832

Ion Ratio Lower Upper

164 100

162 99.6 81.8 122.6

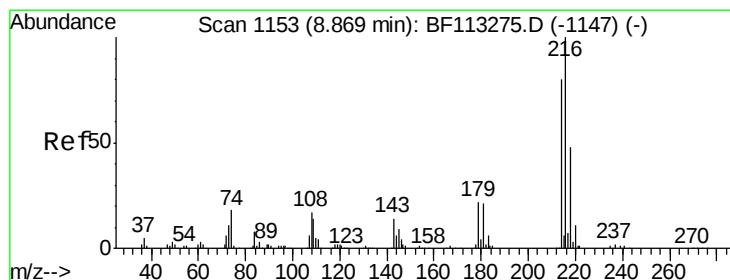
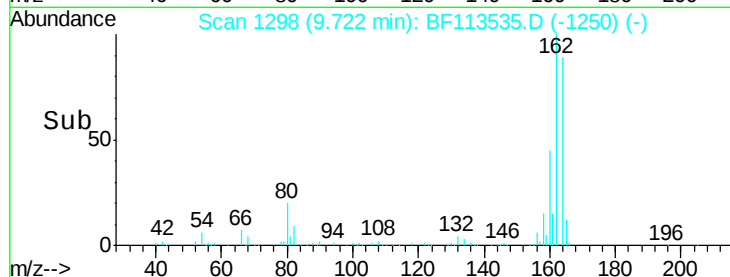
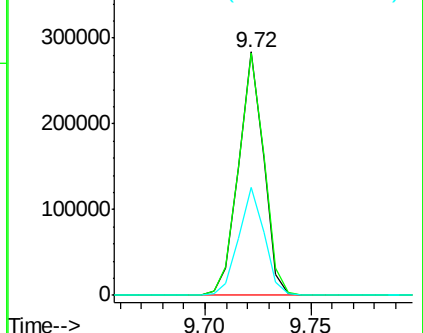
160 44.5 36.4 54.6



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 44.252 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Tgt Ion:216 Resp: 329315

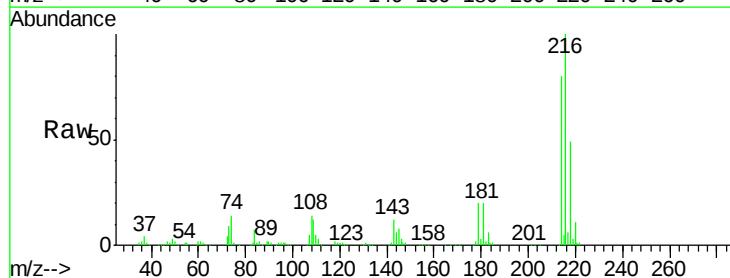
Ion Ratio Lower Upper

216 100

214 79.8 63.0 94.6

179 20.3 16.8 25.2

108 16.1 13.8 20.6

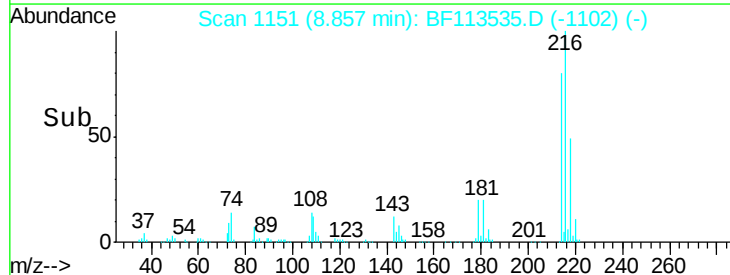
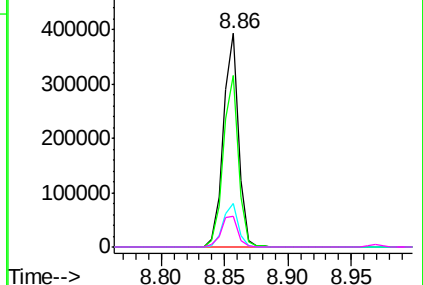


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 8.640 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

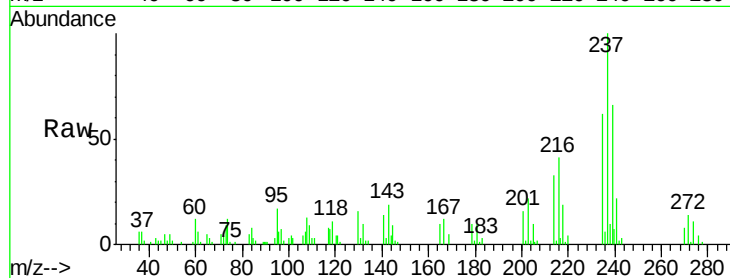
Tgt Ion: 237 Resp: 27214

Ion Ratio Lower Upper

237 100

235 62.3 43.4 83.4

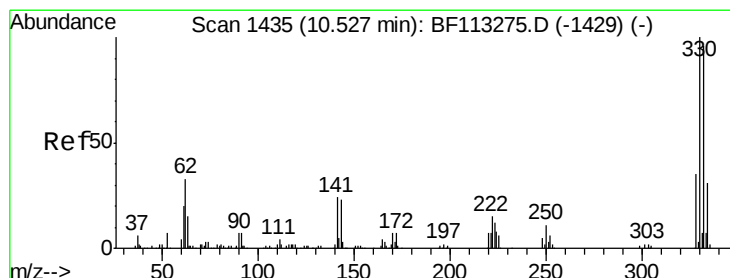
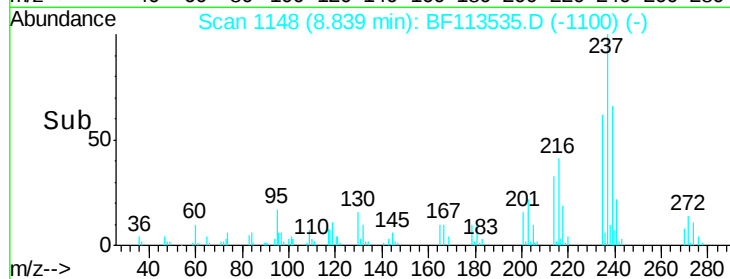
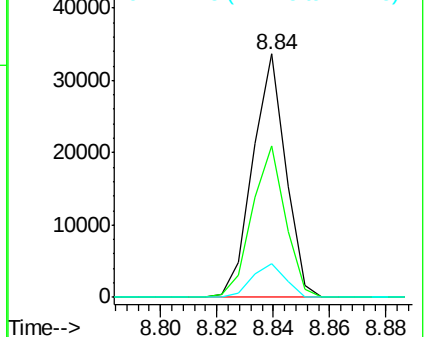
272 13.7 0.0 33.7



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 113.777 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

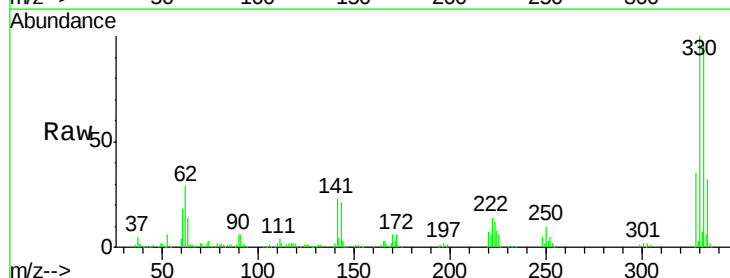
Tgt Ion: 330 Resp: 325817

Ion Ratio Lower Upper

330 100

332 97.3 77.8 116.6

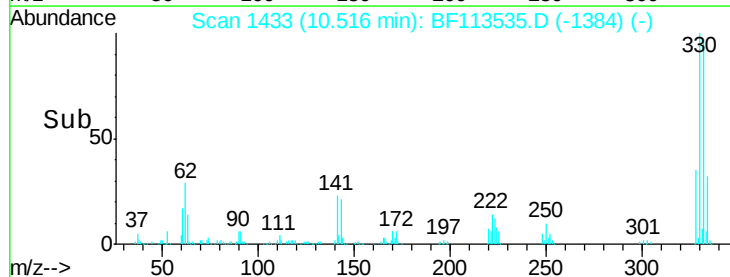
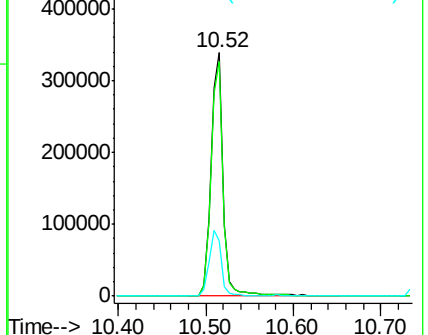
141 27.2 22.7 34.1

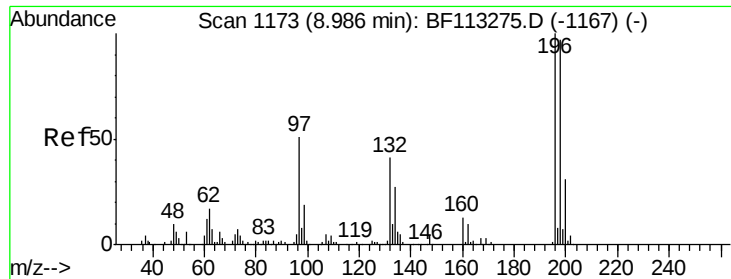


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#43

2,4,6-Trichlorophenol

Concen: 44.159 ng

RT: 8.97 min Scan# 1171

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

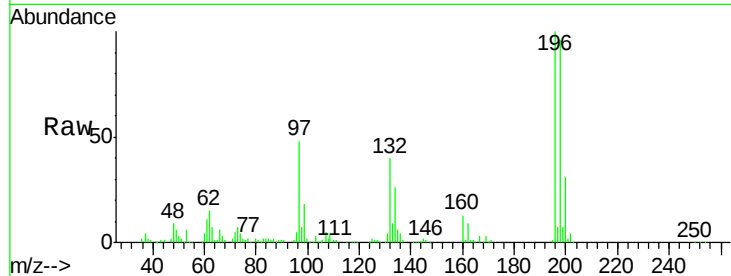
Tgt Ion:196 Resp: 213998

Ion Ratio Lower Upper

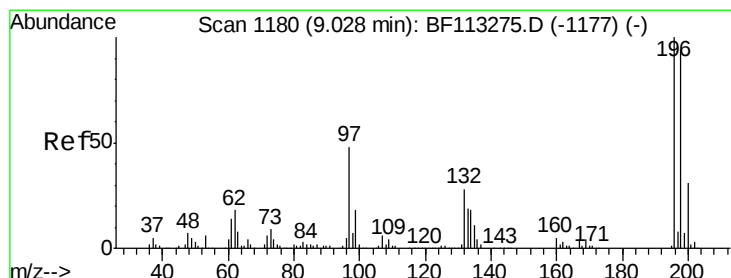
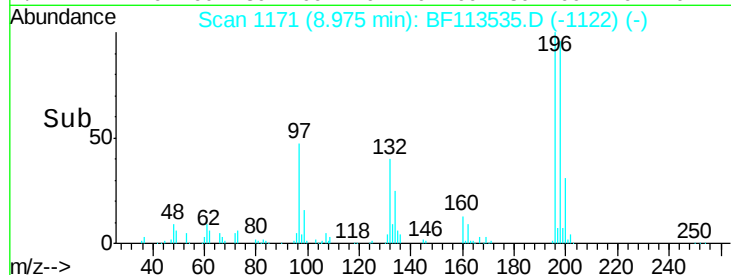
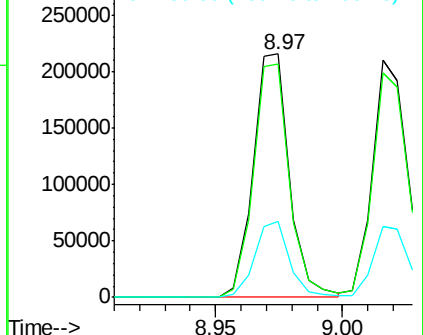
196 100

198 95.7 77.7 116.5

200 31.3 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: 41.990 ng

RT: 9.02 min Scan# 1178

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Tgt Ion:196 Resp: 225195

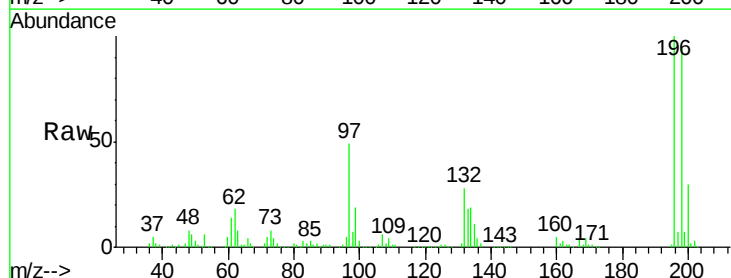
Ion Ratio Lower Upper

196 100

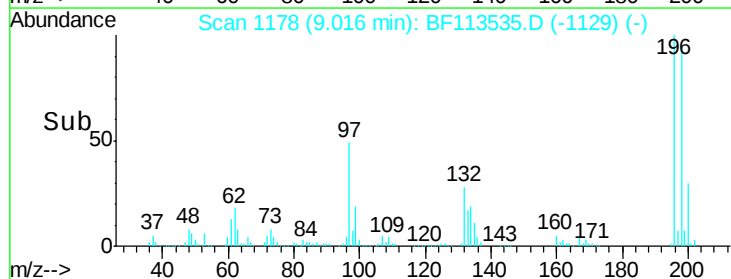
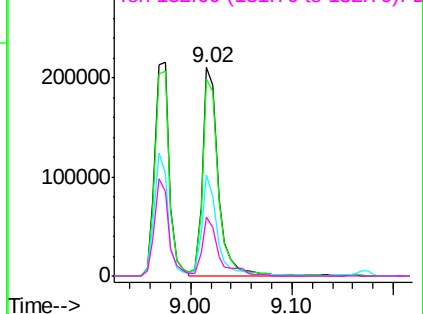
198 94.6 75.4 113.2

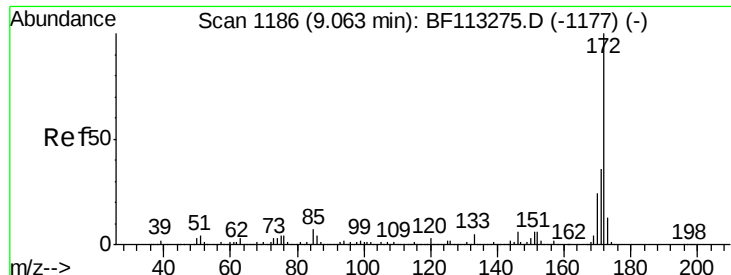
97 48.5 38.6 58.0

132 28.3 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

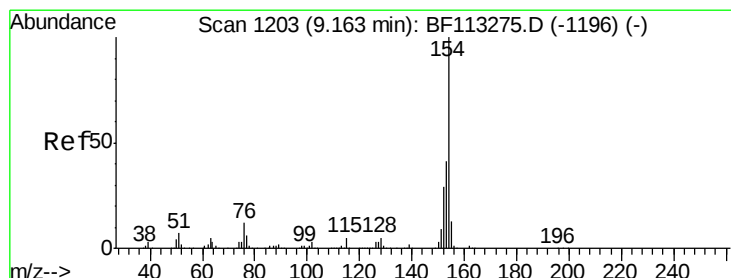
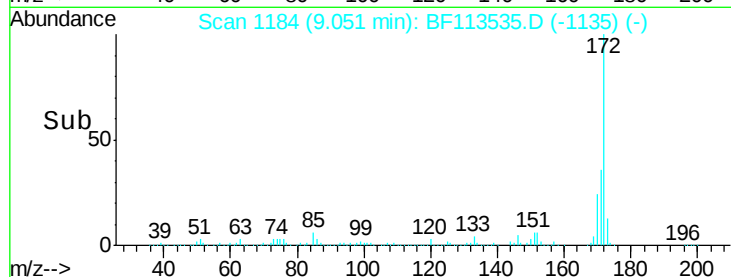
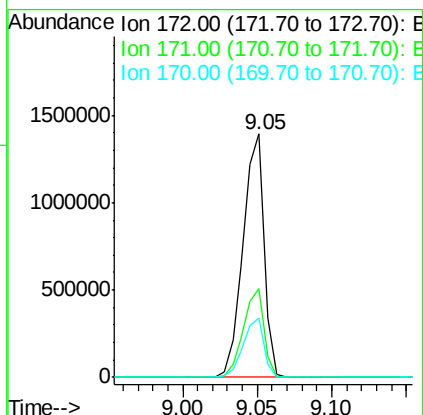
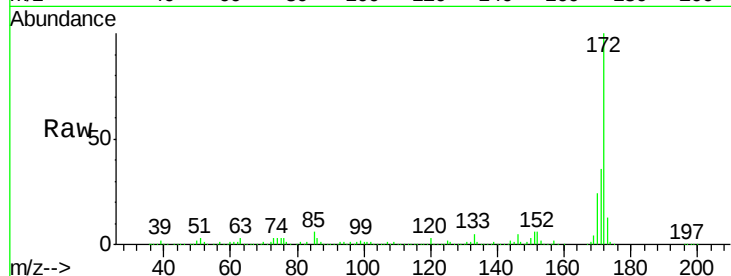




#45
 2-Fluorobiphenyl
 Concen: 93.993 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

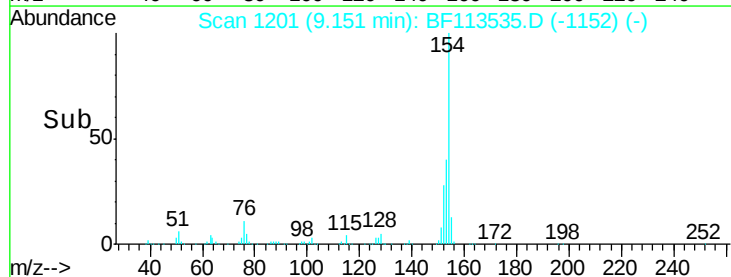
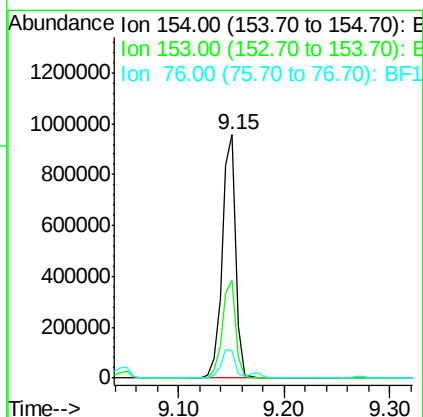
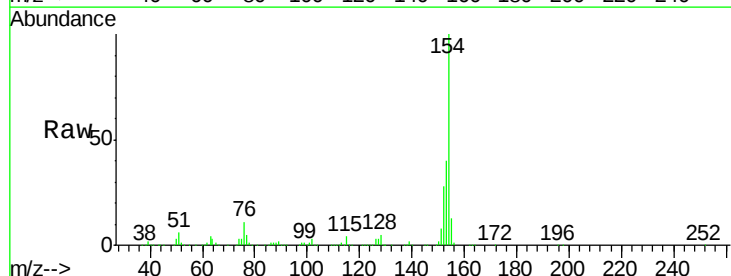
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MS

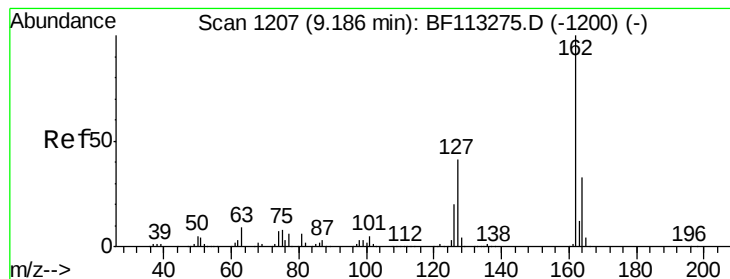
Tgt Ion:172 Resp: 1362668
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.0 43.6
 170 24.4 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 44.338 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

Tgt Ion:154 Resp: 858503
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.8 60.8
 76 11.1 0.0 31.9





#47

2-Chloronaphthalene

Concen: 42.885 ng

RT: 9.17 min Scan# 1205

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

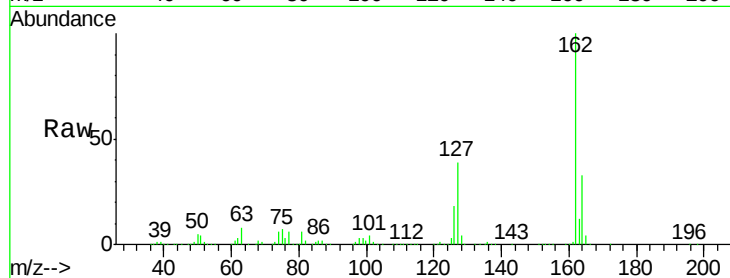
Tgt Ion: 162 Resp: 639340

Ion Ratio Lower Upper

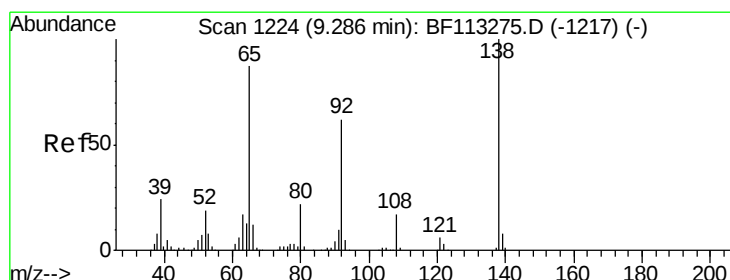
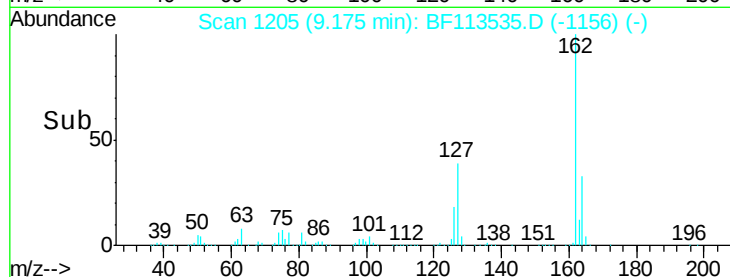
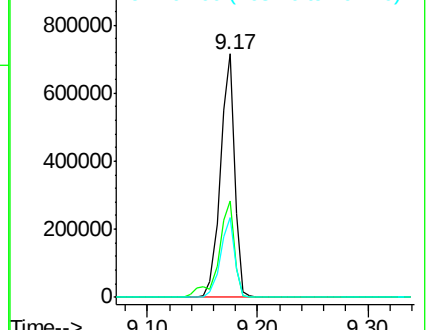
162 100

127 39.3 32.6 49.0

164 32.9 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: 45.077 ng

RT: 9.27 min Scan# 1222

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

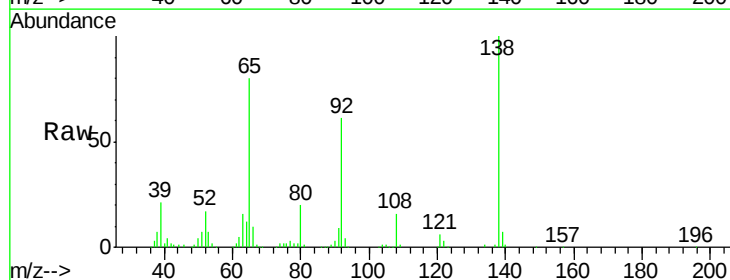
Tgt Ion: 65 Resp: 210892

Ion Ratio Lower Upper

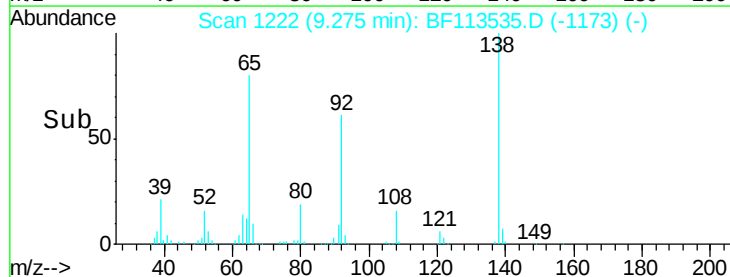
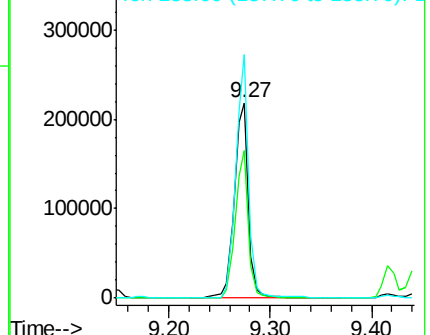
65 100

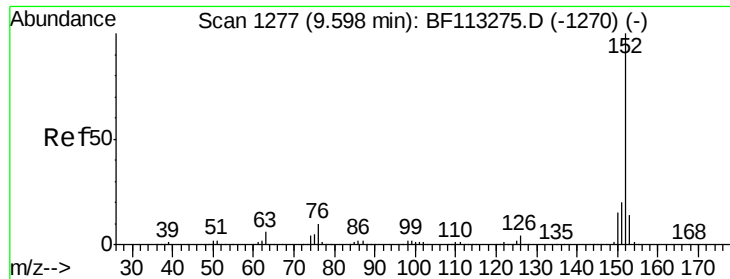
92 75.3 56.8 85.2

138 124.5 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: 41.734 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

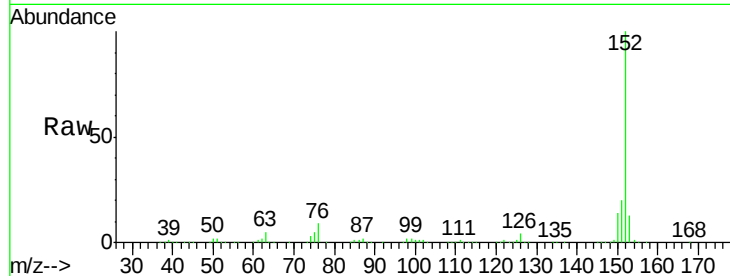
Tgt Ion:152 Resp: 1006012

Ion Ratio Lower Upper

152 100

151 20.5 16.2 24.4

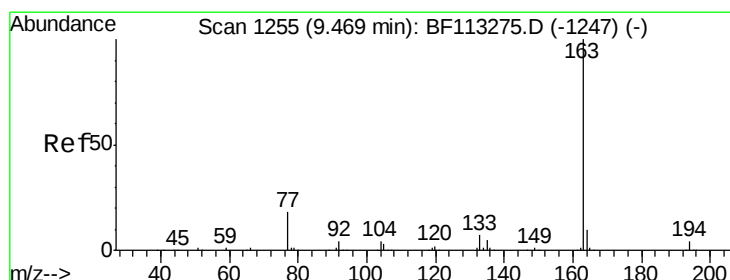
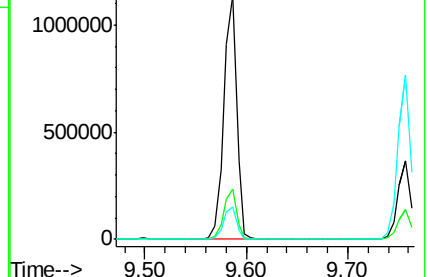
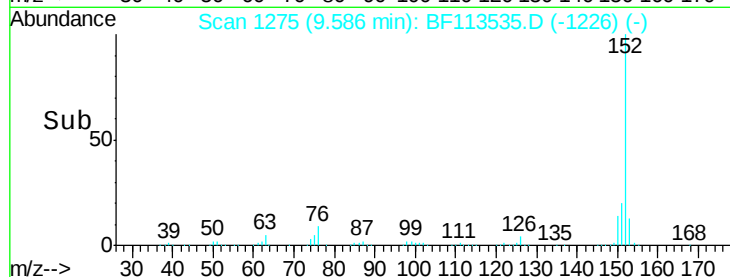
153 13.4 11.0 16.6



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: 45.429 ng

RT: 9.45 min Scan# 1252

Delta R.T. -0.02 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

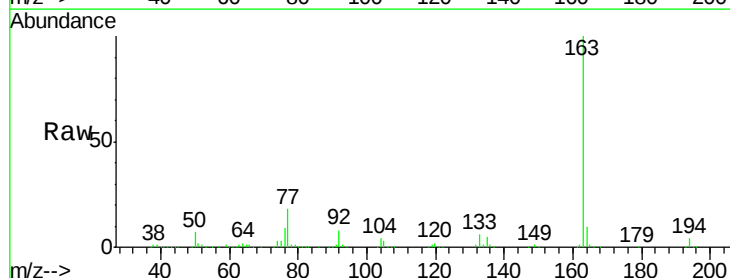
Tgt Ion:163 Resp: 780505

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

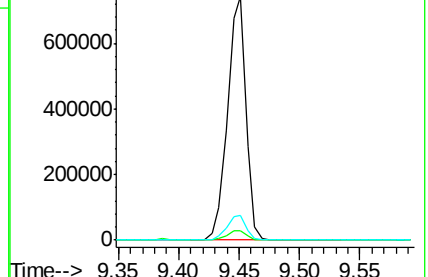
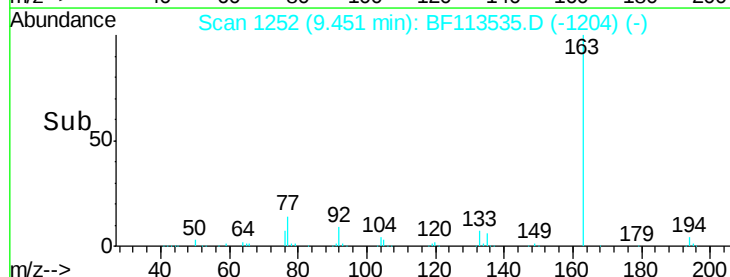
164 10.1 8.1 12.1

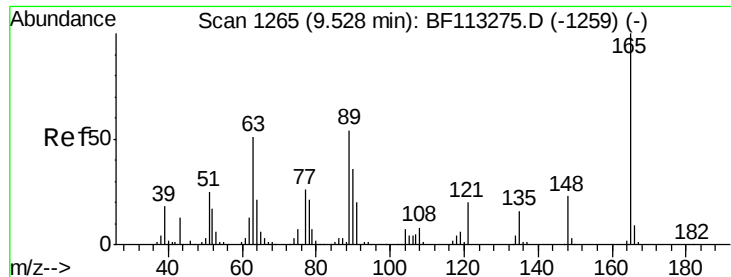


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 41.204 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

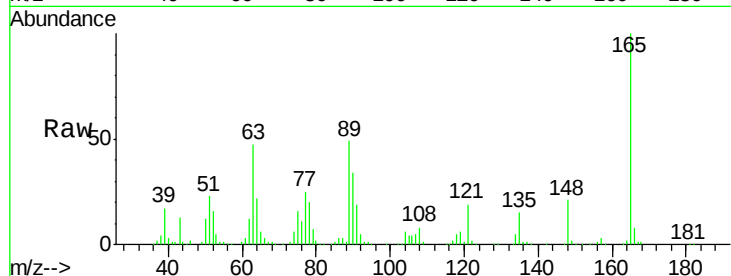
Tgt Ion:165 Resp: 159701

Ion Ratio Lower Upper

165 100

63 47.1 43.4 65.0

89 48.5 43.1 64.7

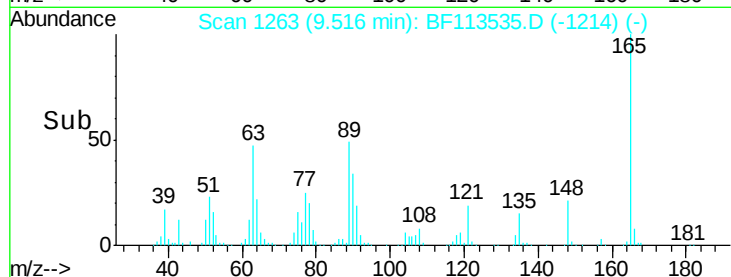


Abundance Ion 165.00 (164.70 to 165.70): E

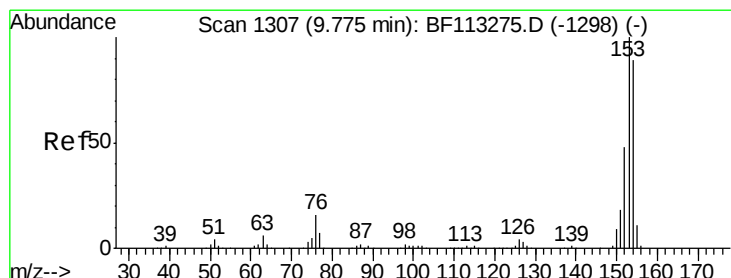
Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Time-->



Time-->



#52

Acenaphthene

Concen: 42.902 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

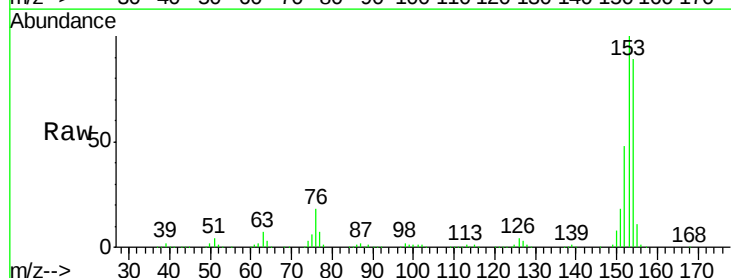
Tgt Ion:154 Resp: 582389

Ion Ratio Lower Upper

154 100

153 112.4 89.5 134.3

152 53.8 43.3 64.9

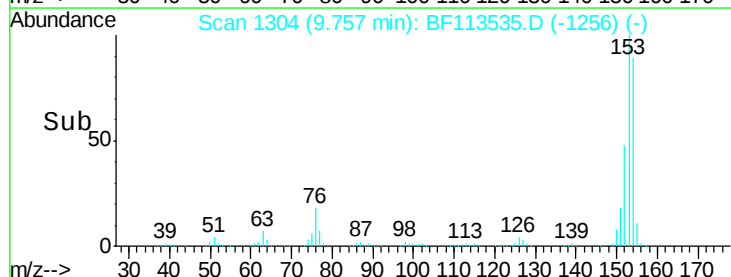


Abundance Ion 154.00 (153.70 to 154.70): E

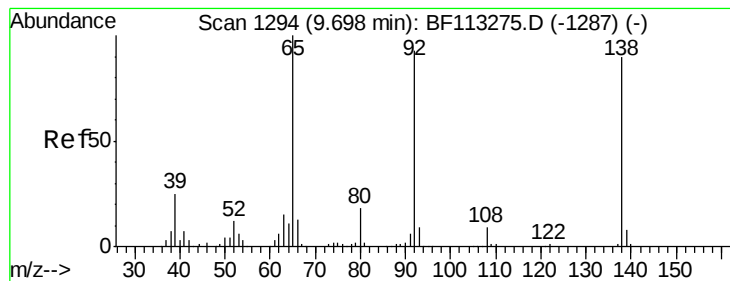
Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

Time-->



Time-->



#53

3-Nitroaniline

Concen: 16.858 ng

RT: 9.68 min Scan# 1291

Delta R.T. -0.02 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

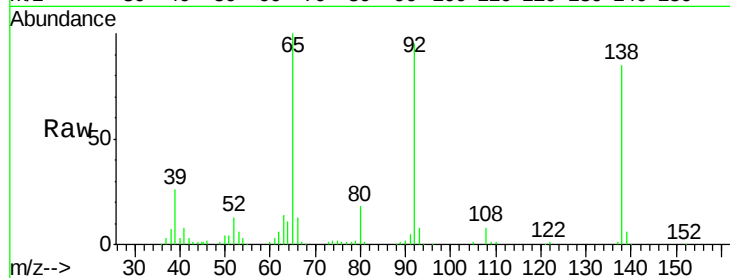
Tgt Ion:138 Resp: 73683

Ion Ratio Lower Upper

138 100

108 9.9 7.8 11.6

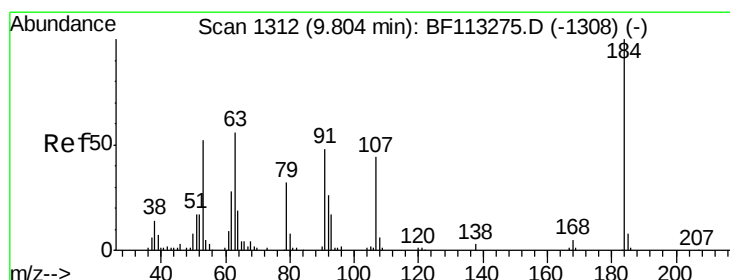
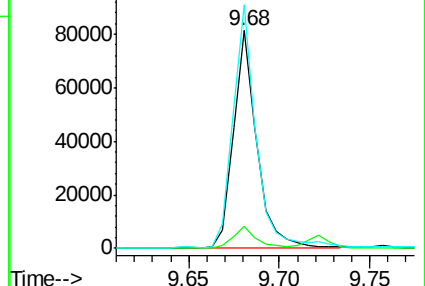
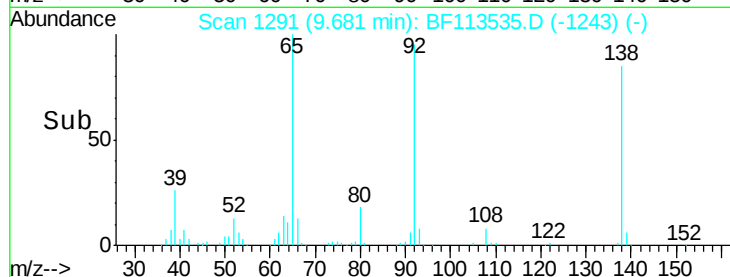
92 112.0 82.6 124.0



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 9.366 ng

RT: 9.81 min Scan# 1313

Delta R.T. 0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

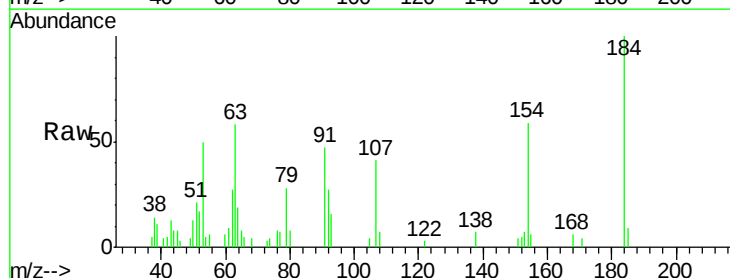
Tgt Ion:184 Resp: 18056

Ion Ratio Lower Upper

184 100

63 58.0 54.3 81.5

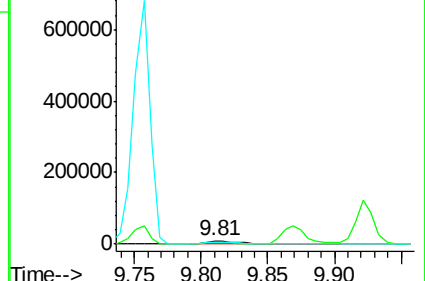
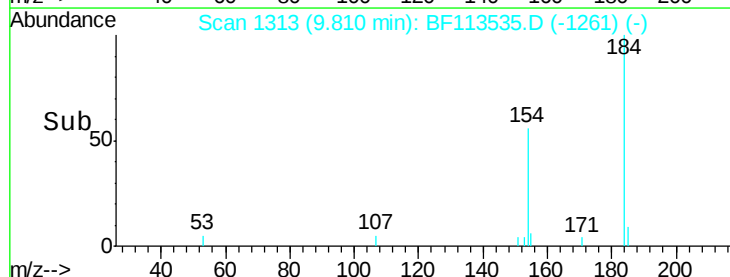
154 59.4 48.4 72.6

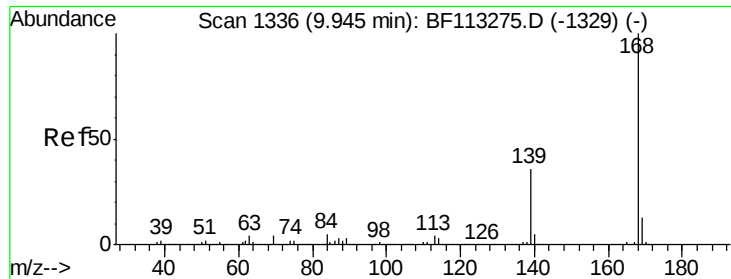


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

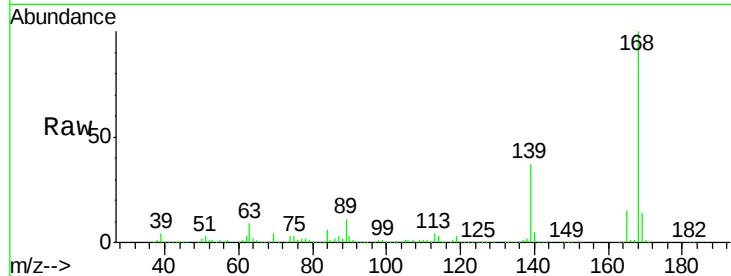




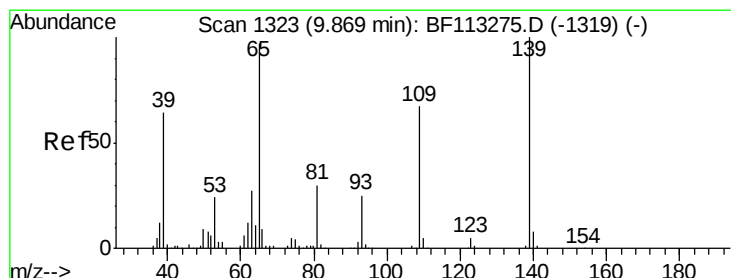
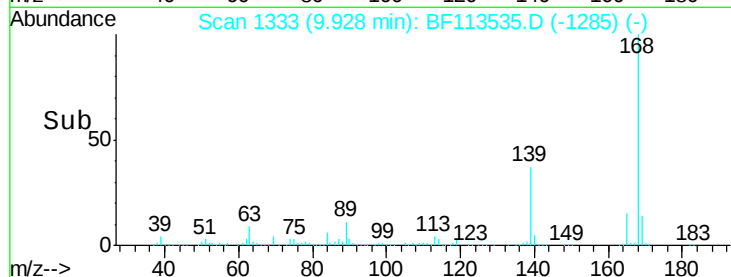
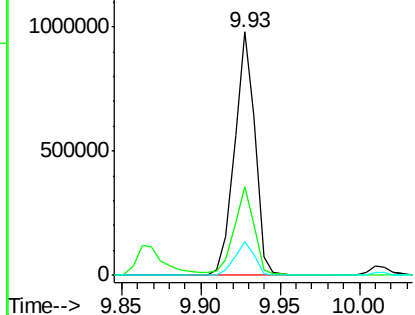
#55
Dibenzenofuran
Concen: 42.672 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Instrument :
BNA_F
ClientSampleId :
CS-7MS

Tgt Ion:168 Resp: 870834
Ion Ratio Lower Upper
168 100
139 36.6 29.7 44.5
169 13.7 10.7 16.1

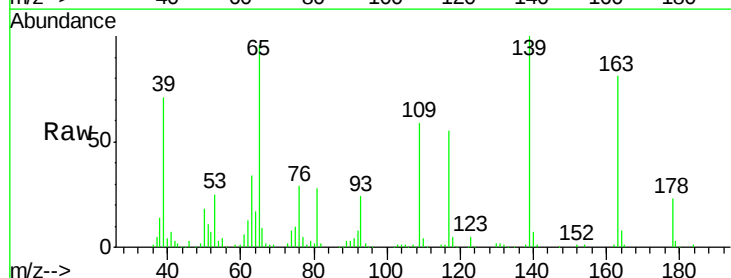


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

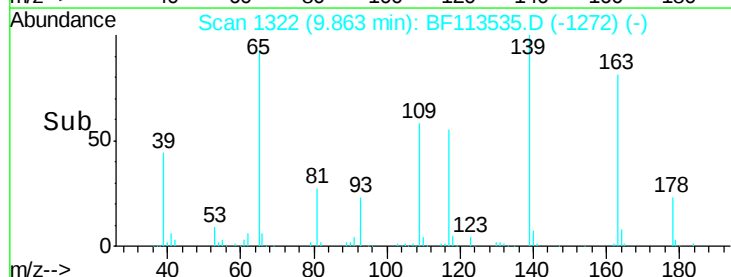
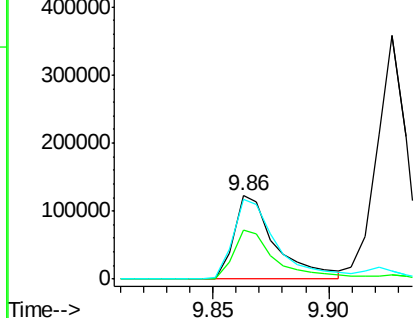


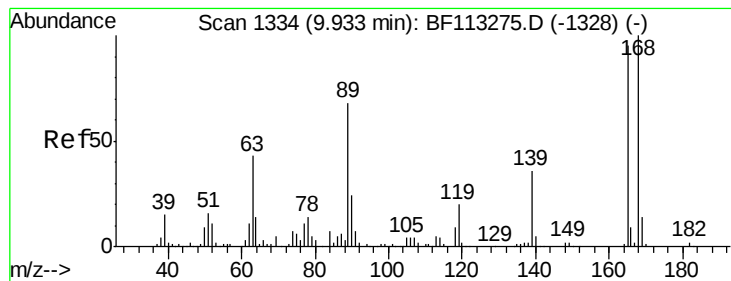
#56
4-Nitrophenol
Concen: 49.260 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Tgt Ion:139 Resp: 153502
Ion Ratio Lower Upper
139 100
109 58.5 46.9 86.9
65 96.0 77.2 117.2



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





#57

2,4-Dinitrotoluene

Concen: 37.916 ng

RT: 9.92 min Scan# 1332

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

Tgt Ion:165 Resp: 186889

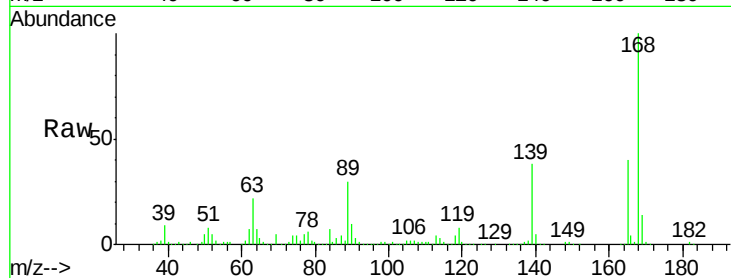
Ion Ratio Lower Upper

165 100

63 54.9 37.5 56.3

89 75.0 57.4 86.2

182 2.3 2.0 3.0

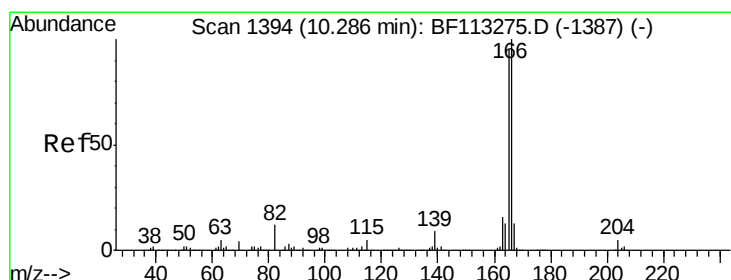
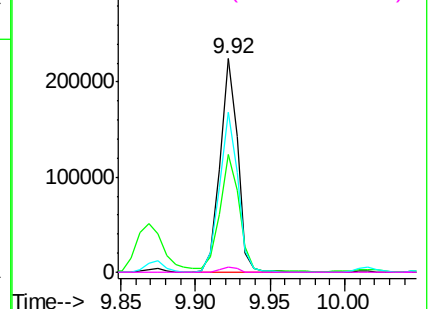
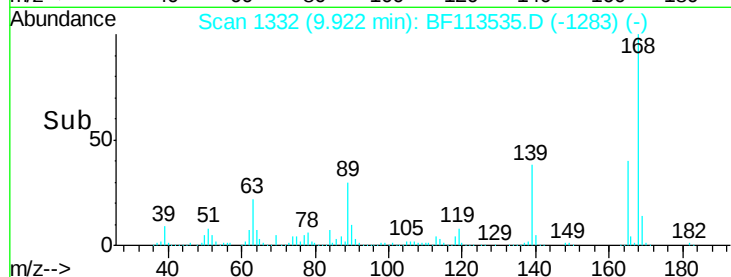


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 41.420 ng

RT: 10.27 min Scan# 1391

Delta R.T. -0.02 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

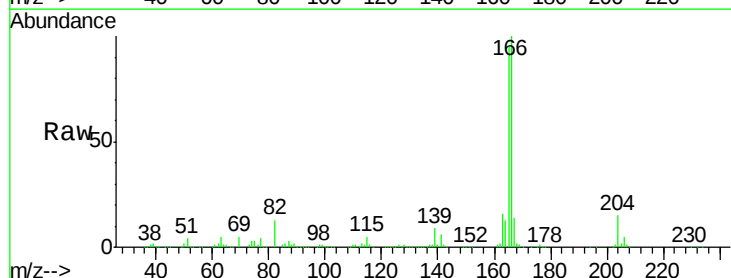
Tgt Ion:166 Resp: 656649

Ion Ratio Lower Upper

166 100

165 94.6 76.2 114.2

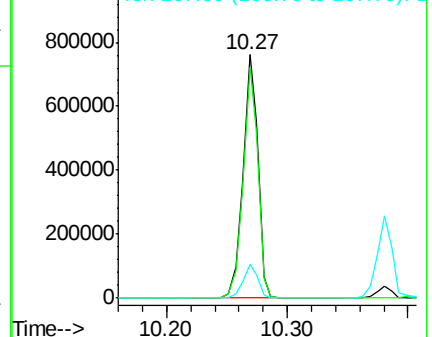
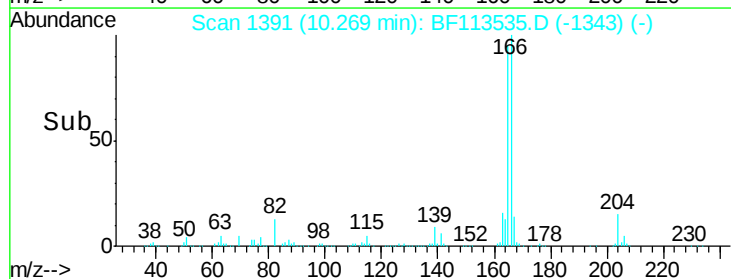
167 13.8 10.7 16.1



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

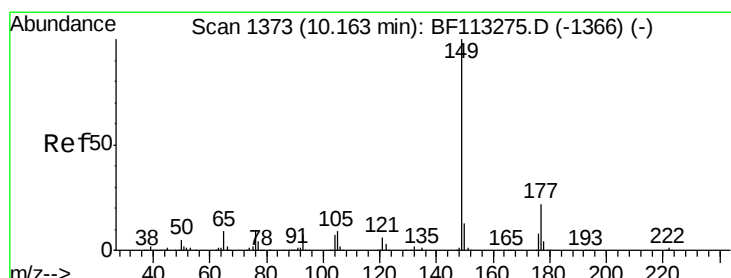
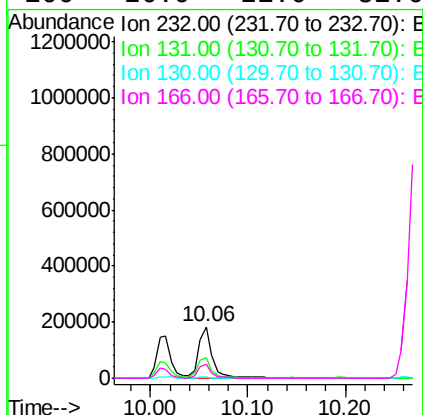
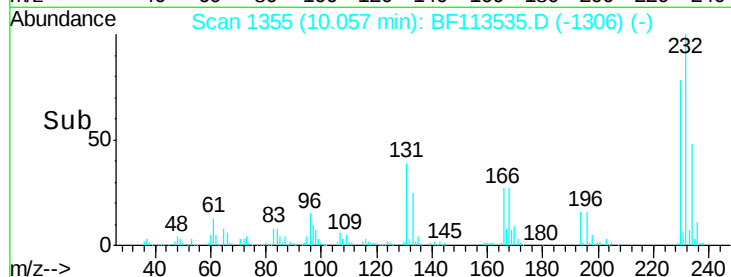
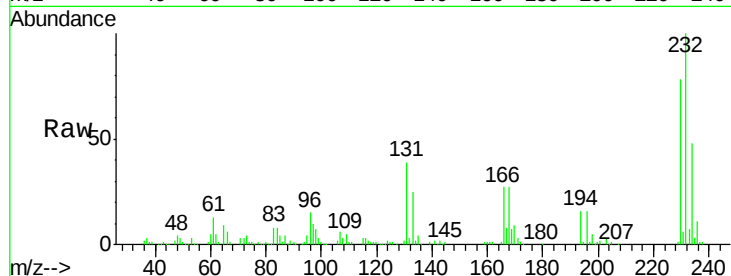




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.777 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

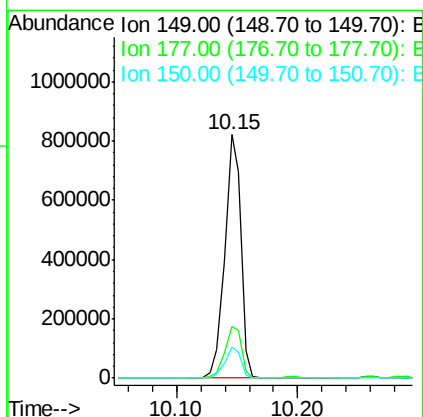
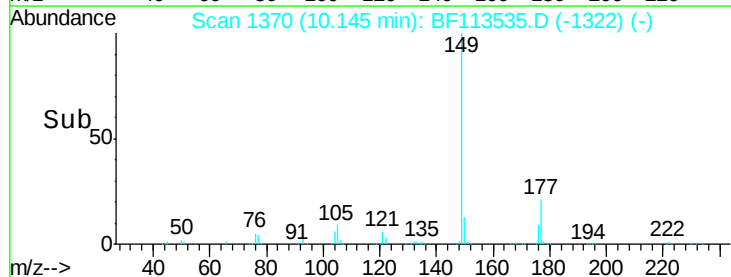
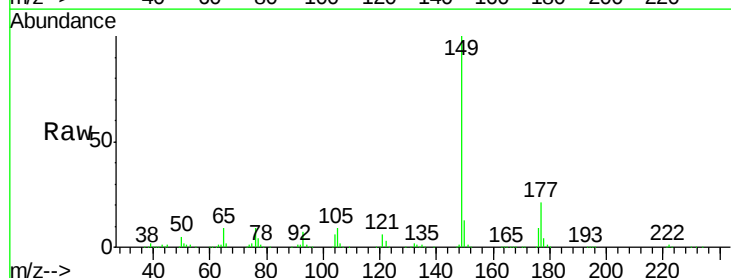
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MS

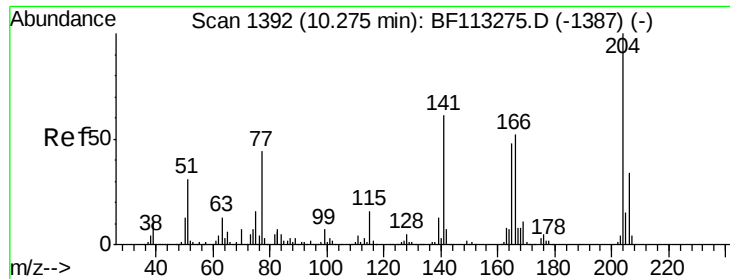
Tgt Ion:	232	Resp:	180398
Ion	Ratio	Lower	Upper
232	100		
131	39.1	33.2	49.8
130	1.8	1.6	2.4
166	26.9	21.0	31.6



#60
 Diethylphthalate
 Concen: 44.654 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

Tgt Ion:	149	Resp:	752609
Ion	Ratio	Lower	Upper
149	100		
177	21.5	17.4	26.0
150	12.9	10.0	15.0

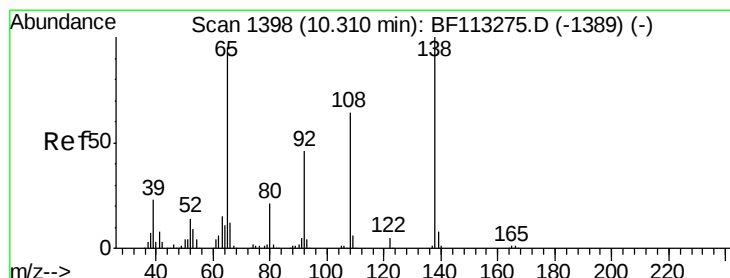
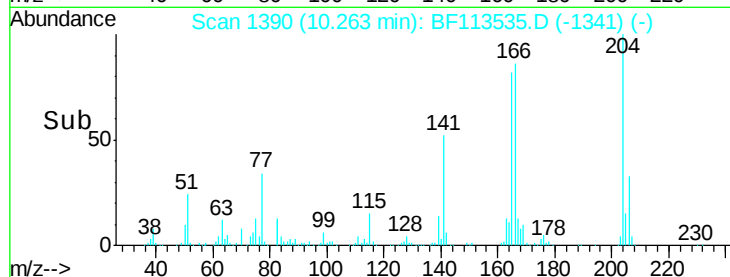
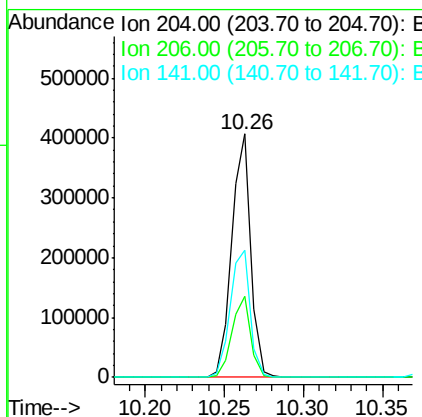
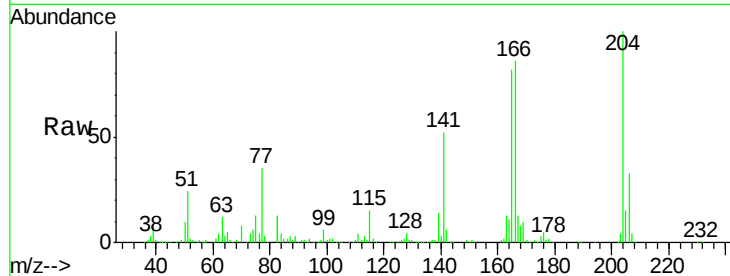




#61
 4-Chlorophenyl-phenylether
 Concen: 43.768 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

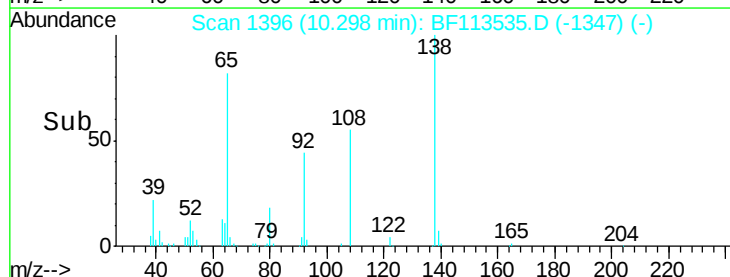
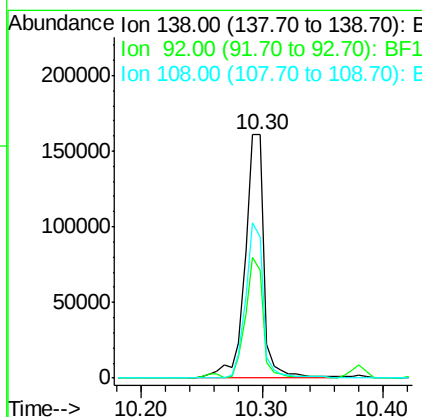
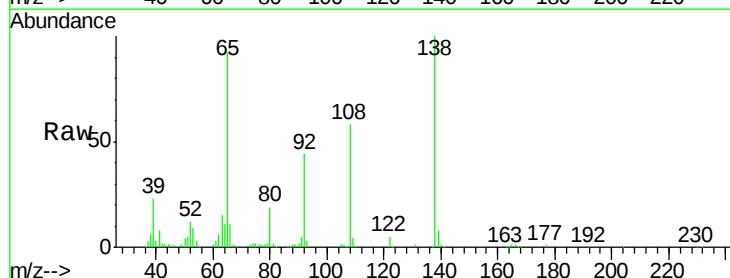
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MS

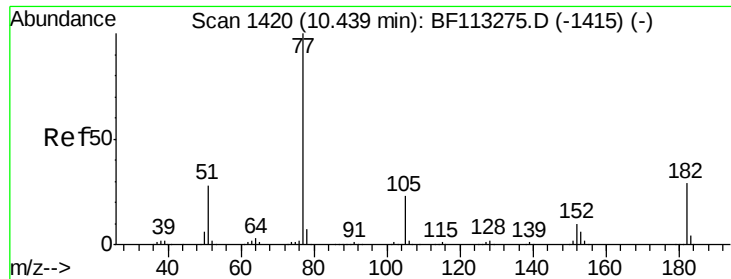
Tgt Ion:	204	Resp:	338183
Ion	Ratio	Lower	Upper
204	100		
206	33.5	26.9	40.3
141	52.3	48.8	73.2



#62
 4-Nitroaniline
 Concen: 39.228 ng
 RT: 10.30 min Scan# 1396
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

Tgt Ion:	138	Resp:	176534
Ion	Ratio	Lower	Upper
138	100		
92	44.1	25.8	65.8
108	58.2	44.0	84.0





#63

Azobenzene

Concen: 41.107 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

Tgt Ion: 77 Resp: 652175

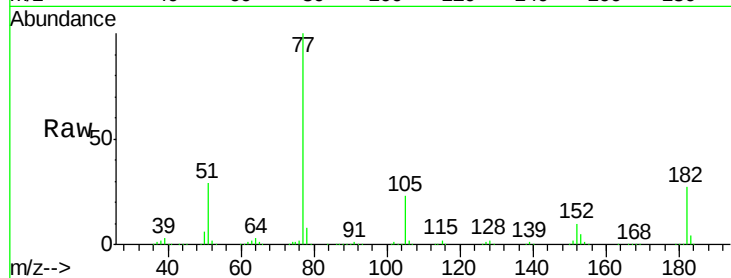
Ion Ratio Lower Upper

77 100

182 26.8 8.7 48.7

105 23.3 2.9 42.9

51 28.6 8.8 48.8

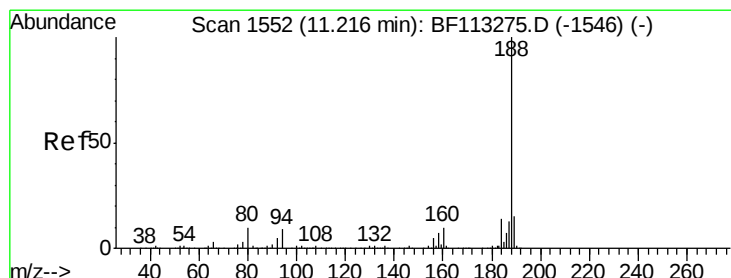
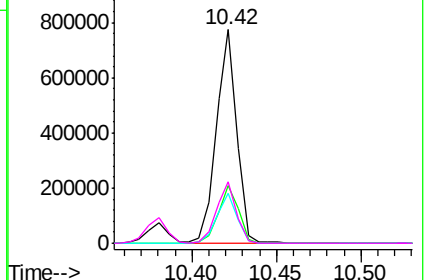
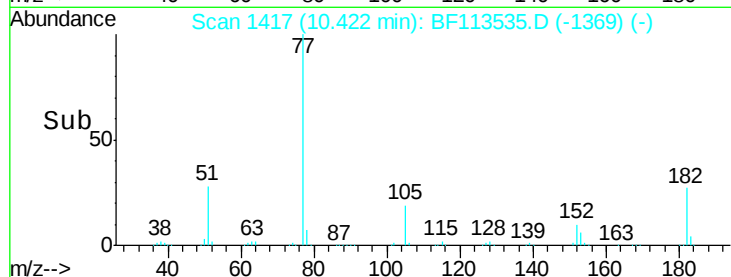


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.20 min Scan# 1550

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

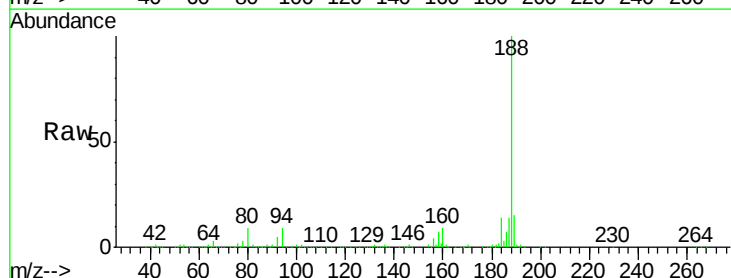
Tgt Ion: 188 Resp: 414629

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

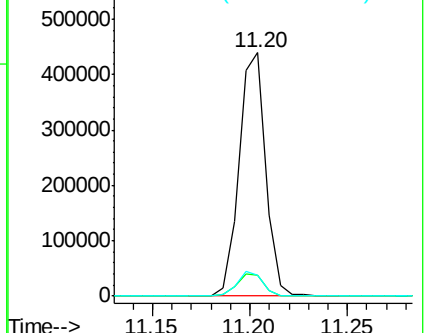
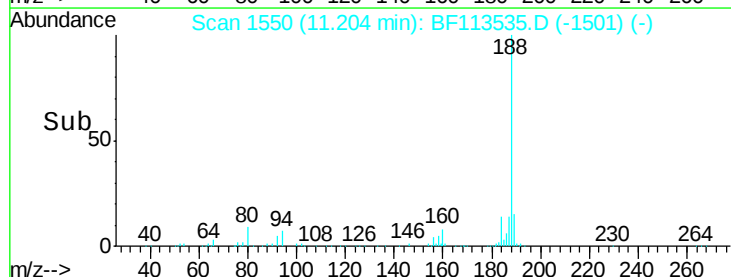
80 8.7 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 6.343 ng

RT: 10.34 min Scan# 1403

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

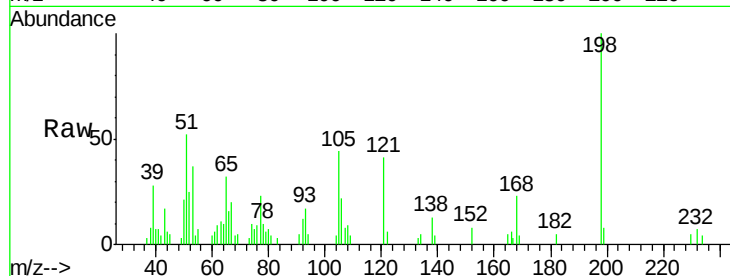
Tgt Ion:198 Resp: 14387

Ion Ratio Lower Upper

198 100

51 51.5 21.6 61.6

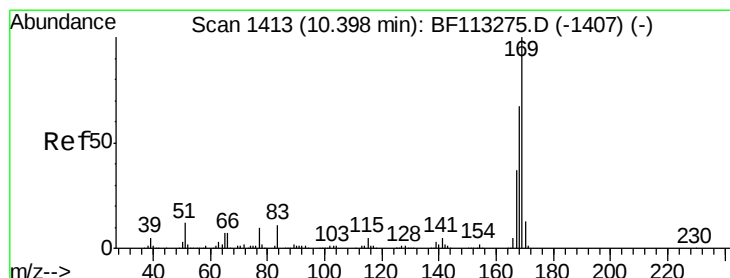
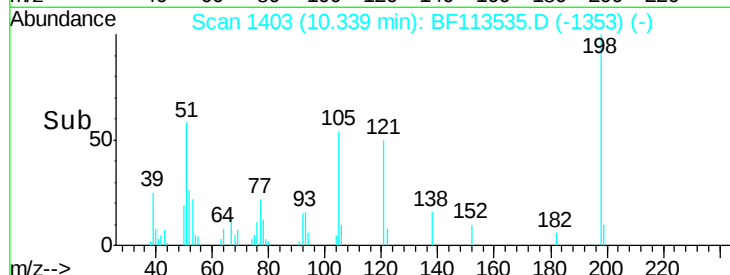
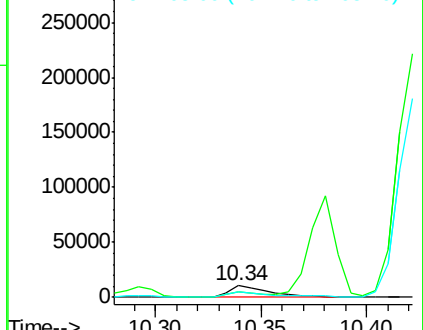
105 44.4 20.6 60.6



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: 47.747 ng

RT: 10.38 min Scan# 1410

Delta R.T. -0.02 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

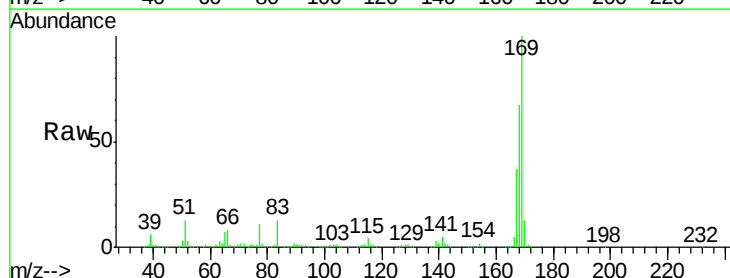
Tgt Ion:169 Resp: 607485

Ion Ratio Lower Upper

169 100

168 67.4 53.7 80.5

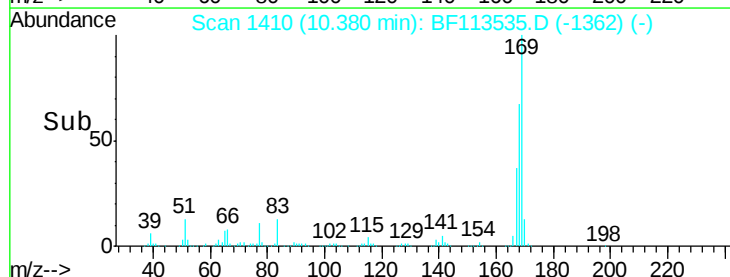
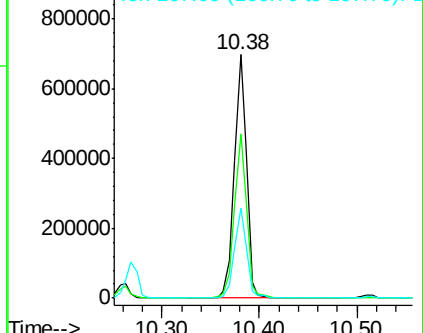
167 36.9 29.5 44.3

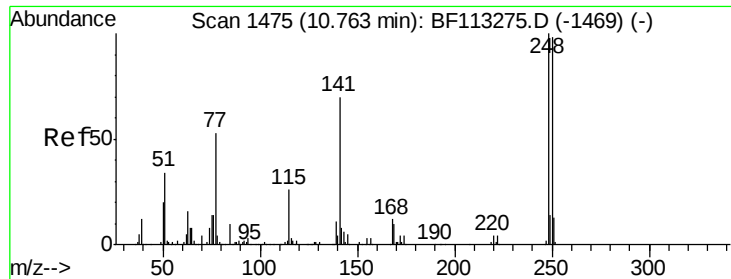


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

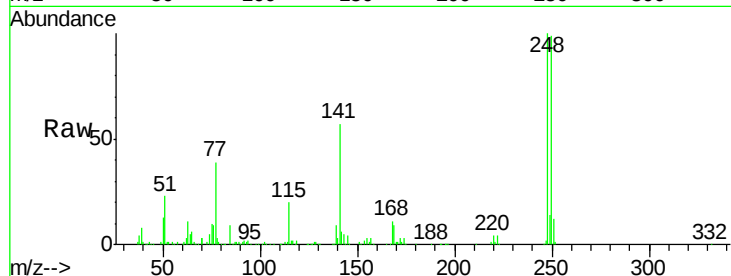




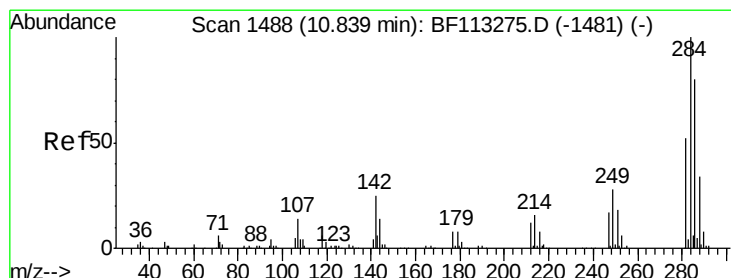
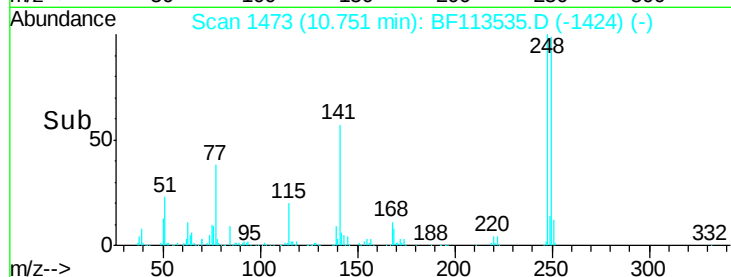
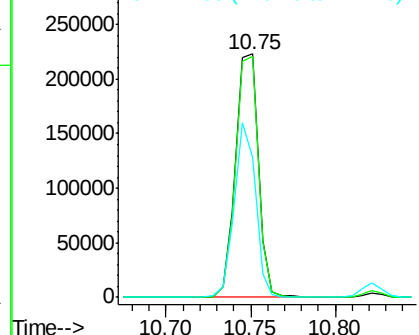
#67
 4-Bromophenyl-phenylether
 Concen: 46.411 ng
 RT: 10.75 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MS

Tgt Ion:248 Resp: 209737
 Ion Ratio Lower Upper
 248 100
 250 98.9 78.3 117.5
 141 57.5 56.2 84.4

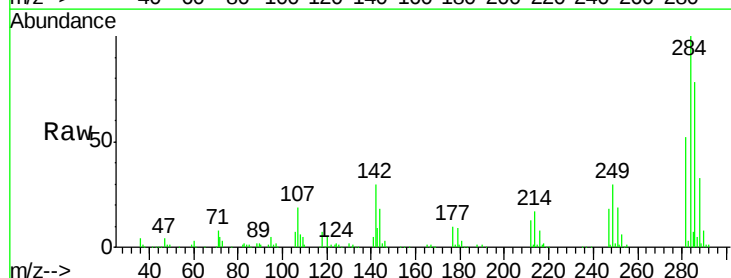


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

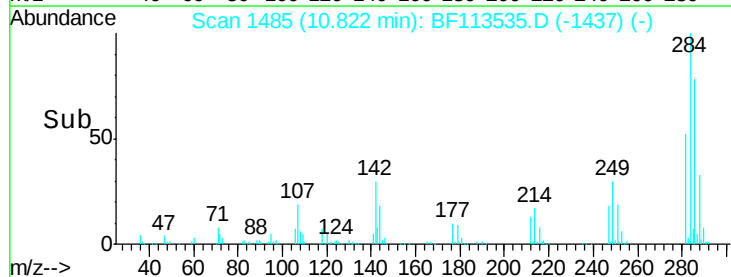
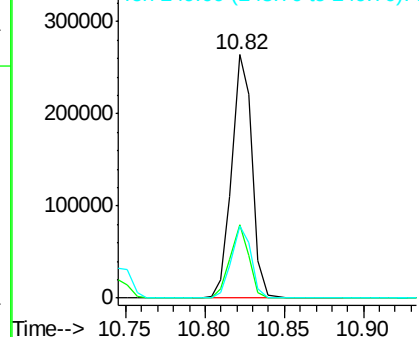


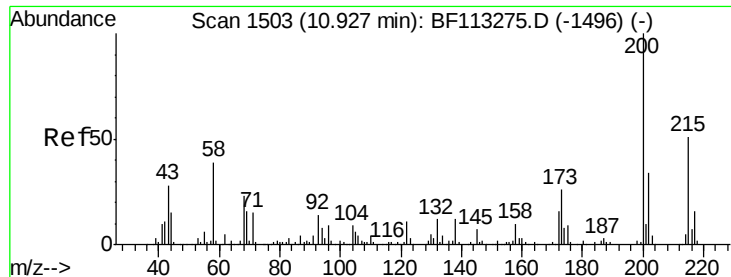
#68
 Hexachlorobenzene
 Concen: 44.708 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. -0.02 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

Tgt Ion:284 Resp: 234519
 Ion Ratio Lower Upper
 284 100
 142 29.9 20.1 30.1
 249 29.5 22.7 34.1



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E

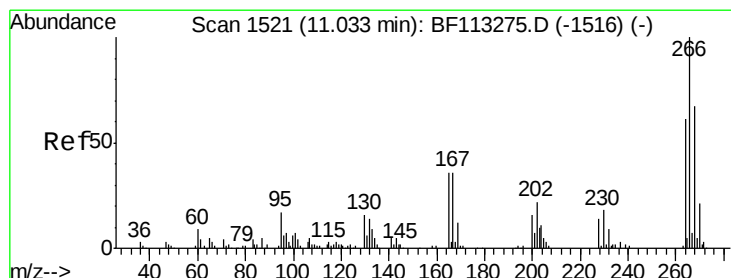
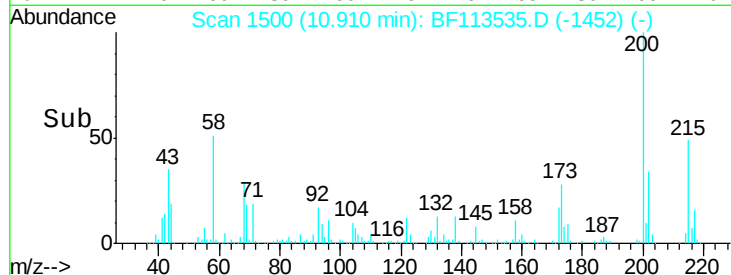
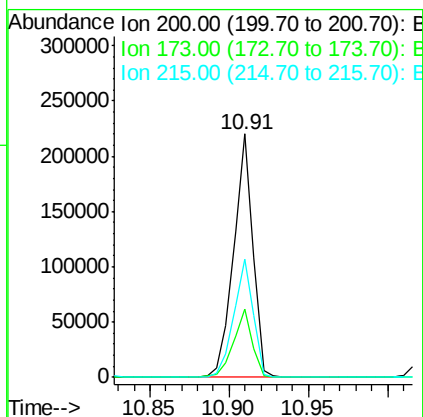
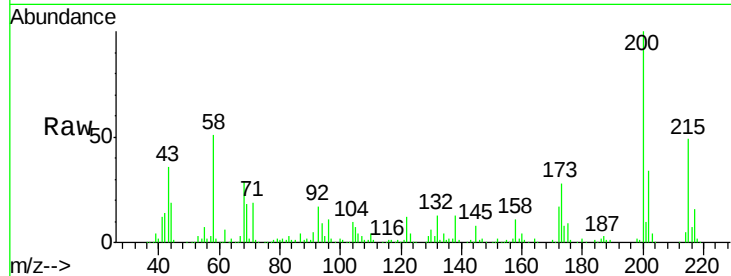




#69
 Atrazine
 Concen: 46.294 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.02 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

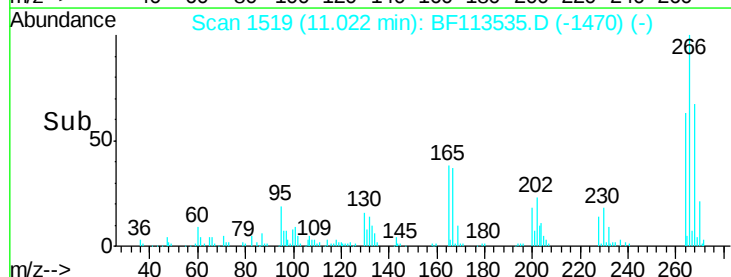
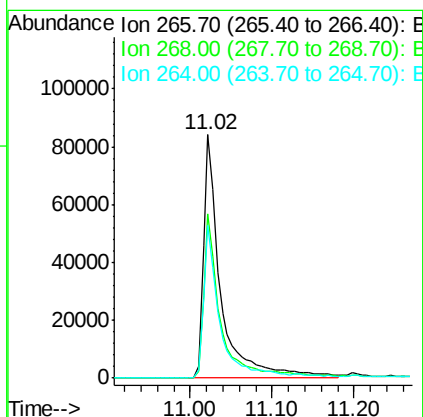
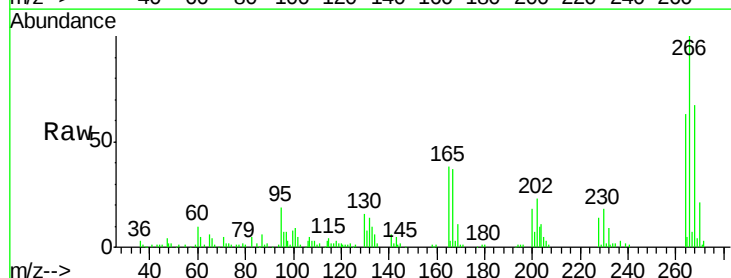
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MS

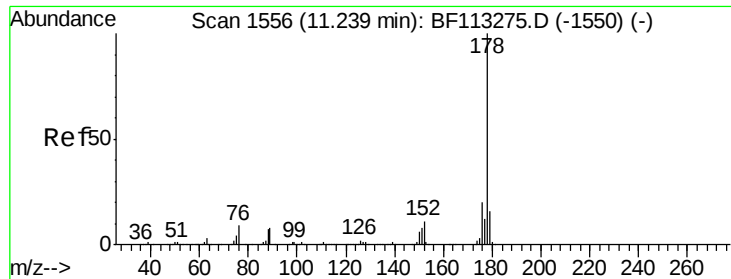
Tgt Ion: 200 Resp: 185909
 Ion Ratio Lower Upper
 200 100
 173 28.0 6.0 46.0
 215 48.5 31.3 71.3



#70
 Pentachlorophenol
 Concen: 45.770 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

Tgt Ion: 266 Resp: 125087
 Ion Ratio Lower Upper
 266 100
 268 67.4 53.8 80.6
 264 62.7 49.2 73.8





#71

Phenanthrene

Concen: 43.887 ng

RT: 11.23 min Scan# 1554

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

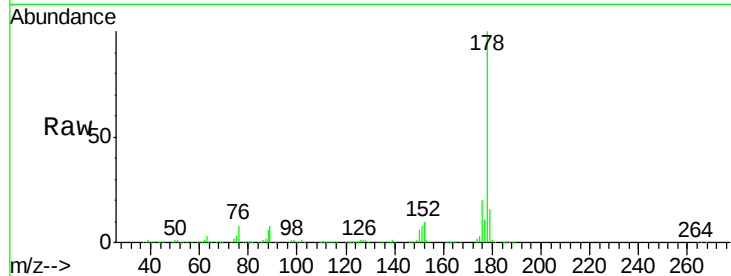
Tgt Ion:178 Resp: 903647

Ion Ratio Lower Upper

178 100

176 19.7 16.2 24.2

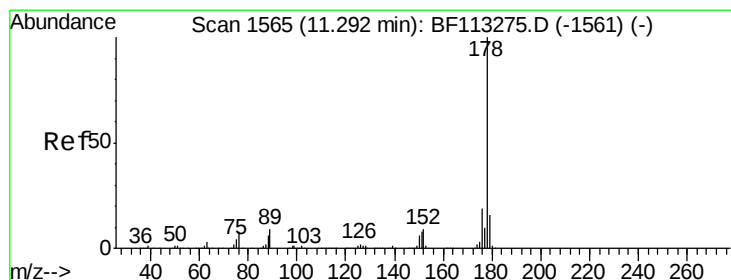
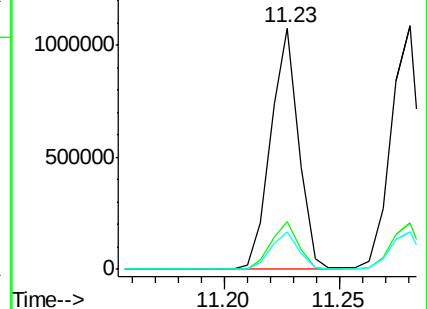
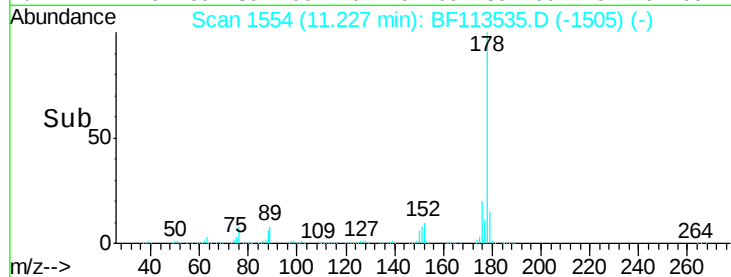
179 15.7 12.7 19.1



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 45.042 ng

RT: 11.28 min Scan# 1563

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

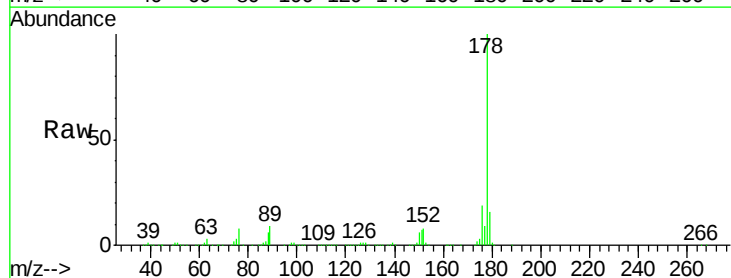
Tgt Ion:178 Resp: 942031

Ion Ratio Lower Upper

178 100

176 19.0 15.4 23.2

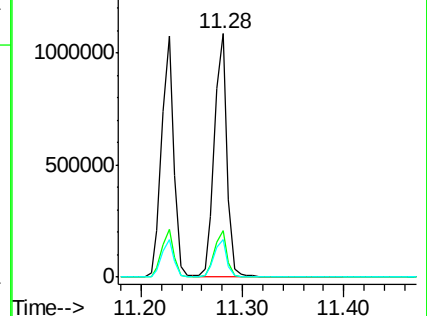
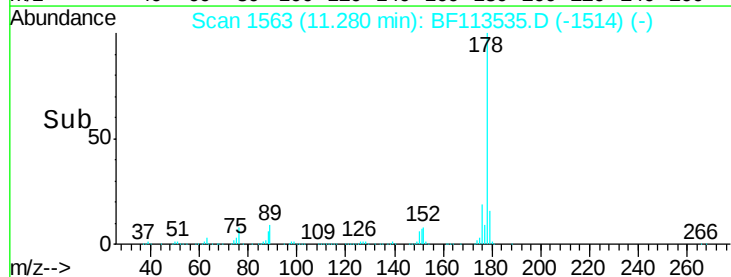
179 15.6 12.8 19.2

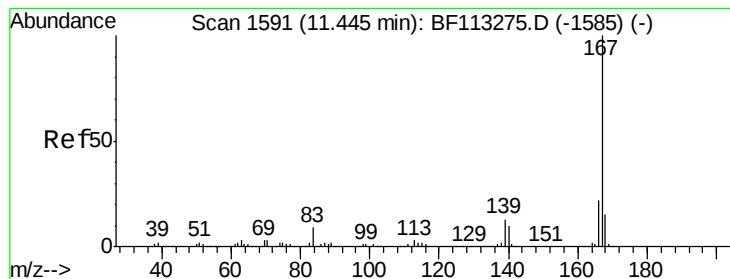


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 44.090 ng

RT: 11.43 min Scan# 1589

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

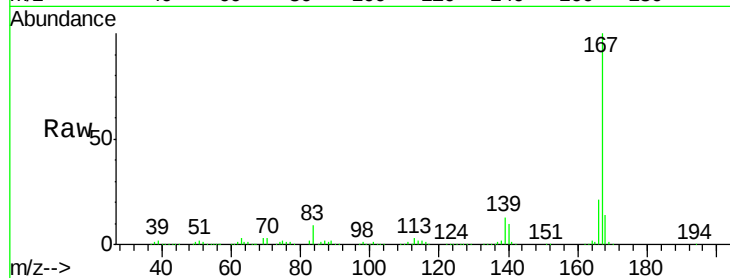
Tgt Ion:167 Resp: 879906

Ion Ratio Lower Upper

167 100

166 21.4 17.4 26.0

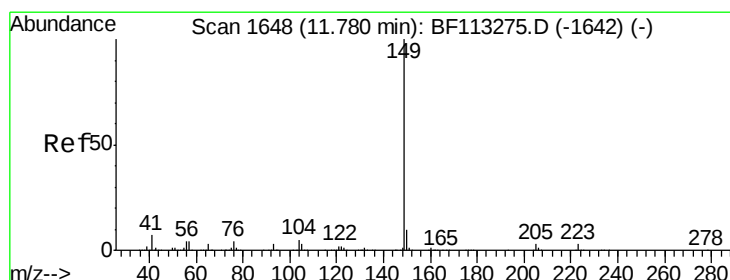
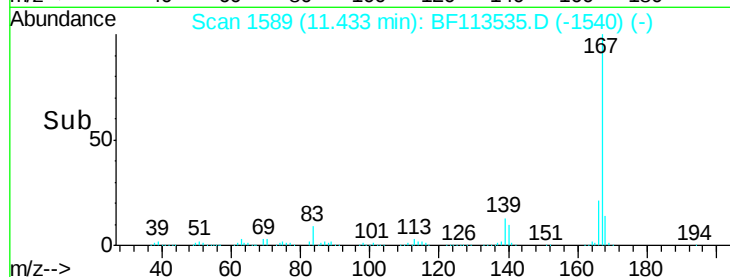
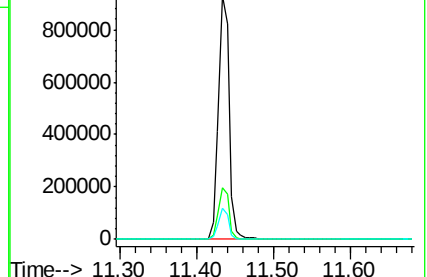
139 12.7 10.4 15.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 47.227 ng

RT: 11.77 min Scan# 1646

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

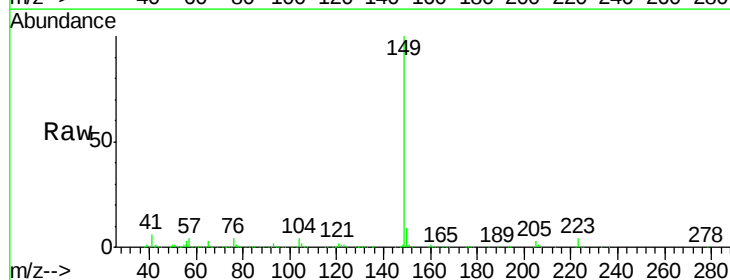
Tgt Ion:149 Resp: 1092973

Ion Ratio Lower Upper

149 100

150 9.1 7.7 11.5

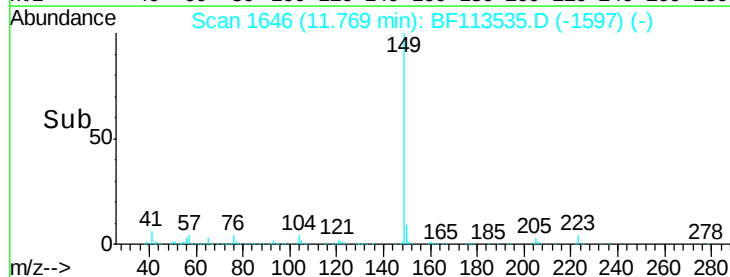
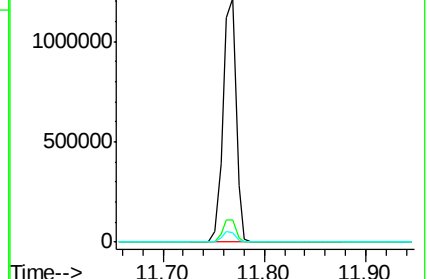
104 4.0 3.7 5.5

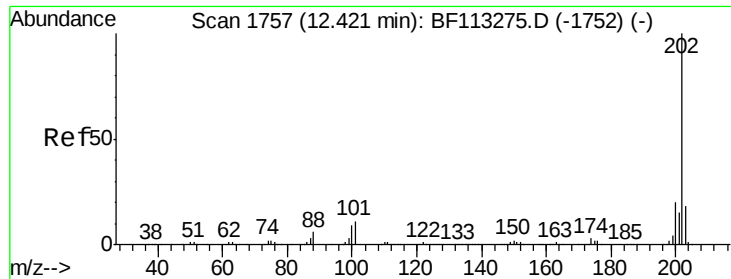


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

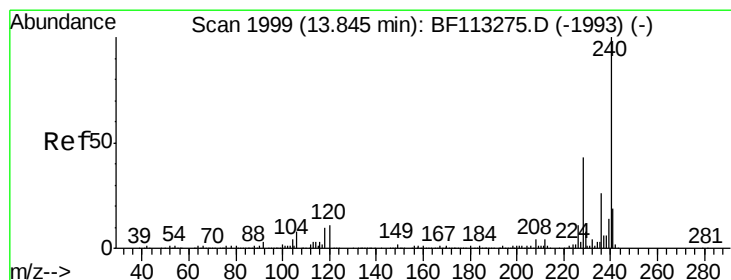
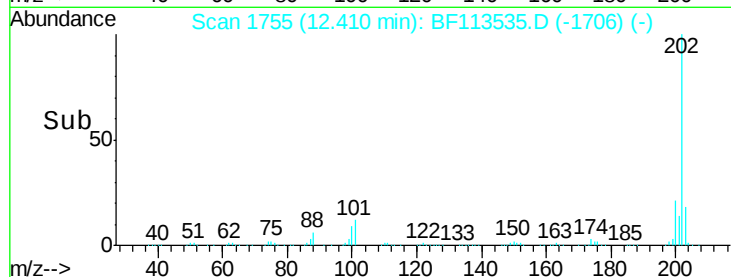
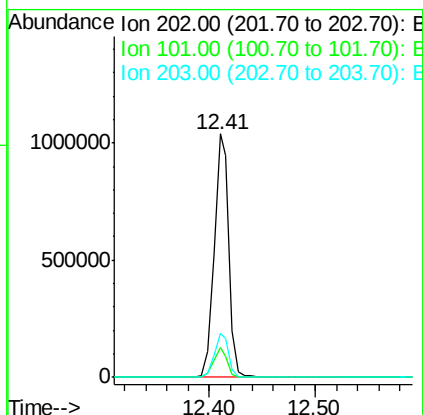
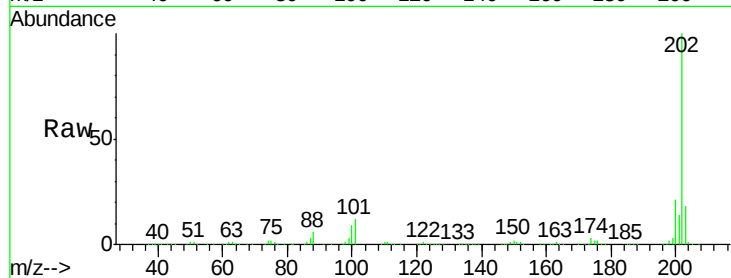




#75
 Fluoranthene
 Concen: 43.661 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

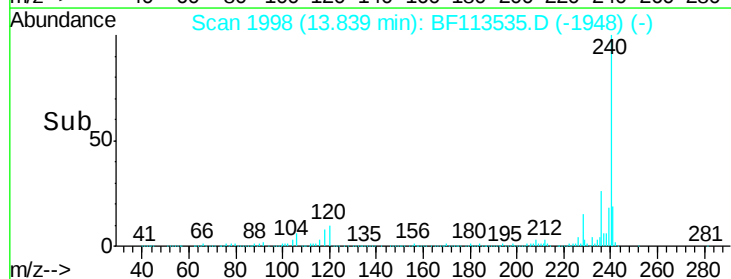
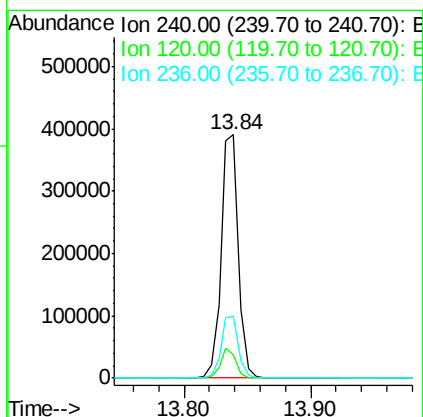
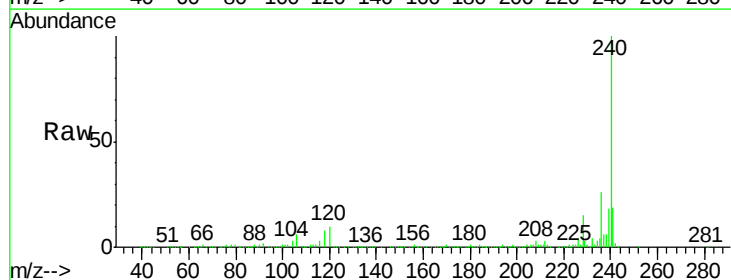
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MS

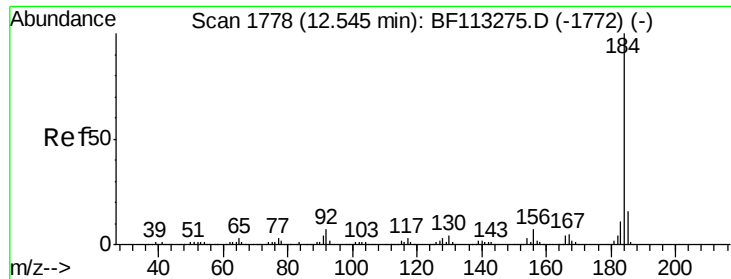
Tgt Ion: 202 Resp: 1016305
 Ion Ratio Lower Upper
 202 100
 101 12.1 0.0 31.4
 203 18.2 0.0 38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.84 min Scan# 1998
 Delta R.T. -0.01 min
 Lab File: BF113535.D
 Acq: 3 Apr 2019 6:47

Tgt Ion: 240 Resp: 368054
 Ion Ratio Lower Upper
 240 100
 120 9.6 8.8 13.2
 236 25.6 20.9 31.3

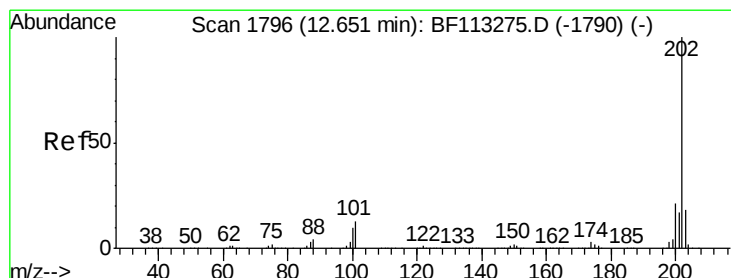
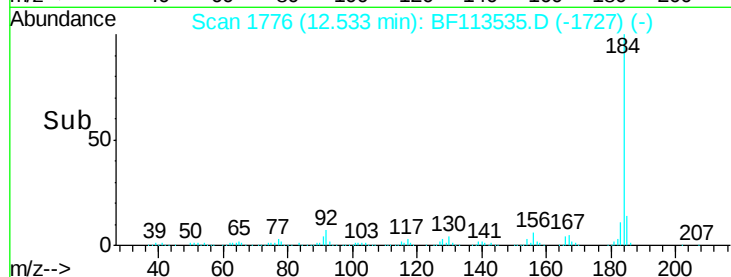
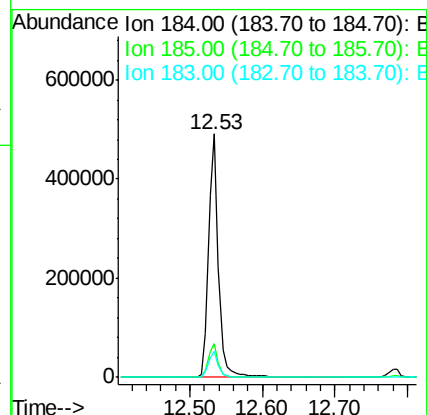
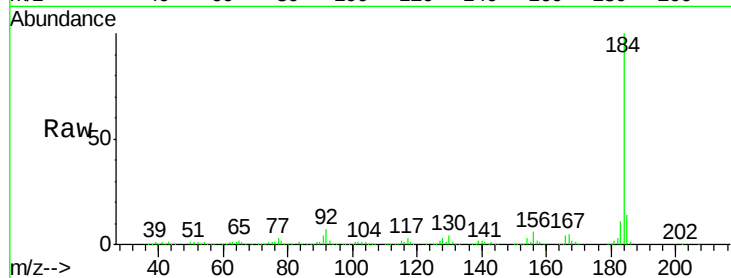




#77
Benzidine
Concen: 33.114 ng
RT: 12.53 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

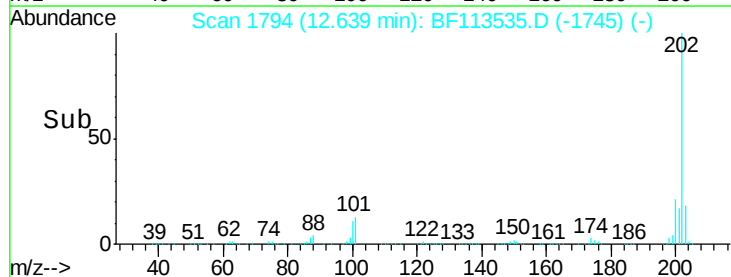
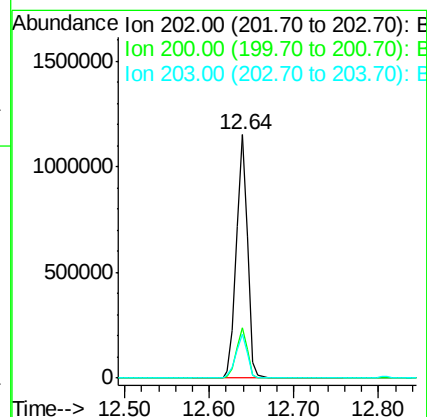
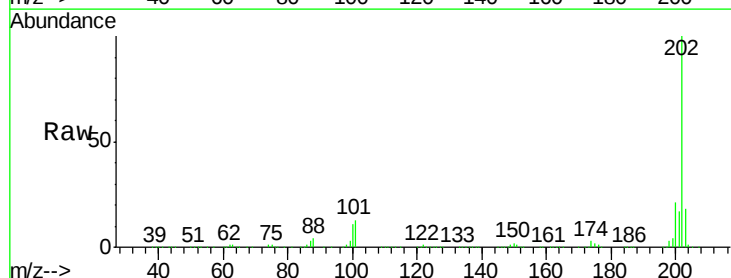
Instrument :
BNA_F
ClientSampleId :
CS-7MS

Tgt Ion:184 Resp: 466734
Ion Ratio Lower Upper
184 100
185 14.1 13.0 19.6
183 10.8 9.0 13.4



#78
Pyrene
Concen: 40.391 ng
RT: 12.64 min Scan# 1794
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Tgt Ion:202 Resp: 1030172
Ion Ratio Lower Upper
202 100
200 20.7 16.8 25.2
203 18.1 14.4 21.6





#79

Terphenyl-d14

Concen: 83.615 ng

RT: 12.79 min Scan# 1819

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

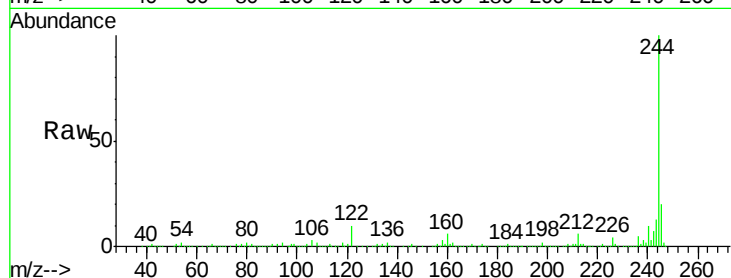
Tgt Ion:244 Resp: 1396206

Ion Ratio Lower Upper

244 100

212 6.4 5.5 8.3

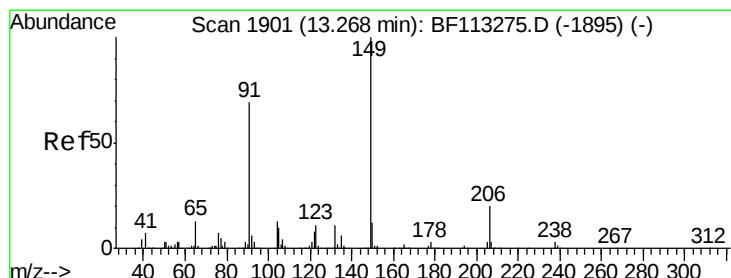
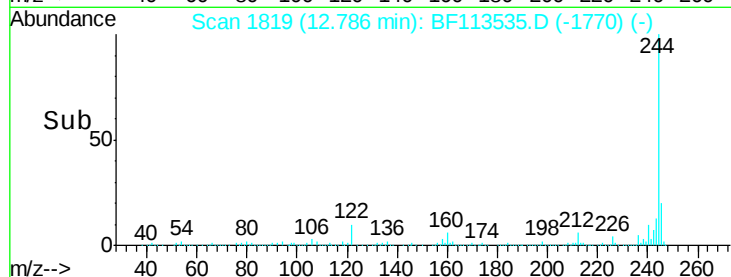
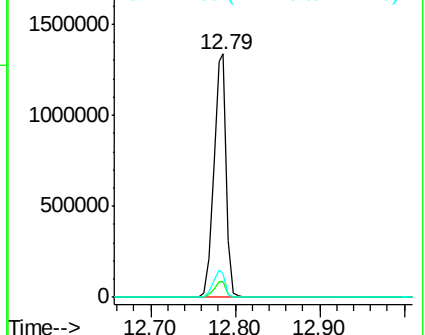
122 9.8 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 41.508 ng

RT: 13.26 min Scan# 1899

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

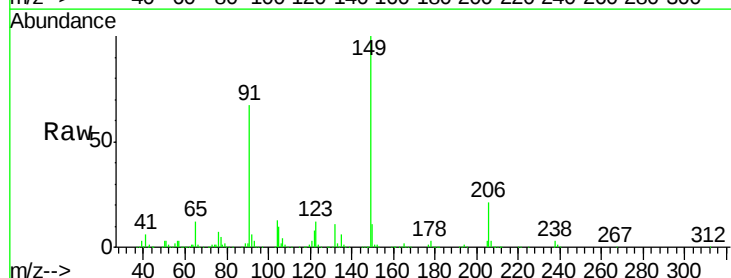
Tgt Ion:149 Resp: 466562

Ion Ratio Lower Upper

149 100

91 66.8 55.2 82.8

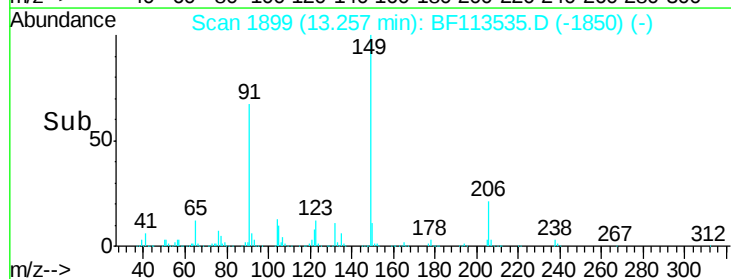
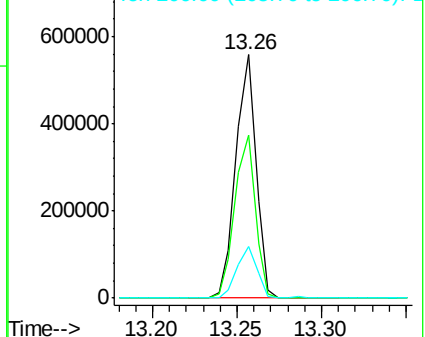
206 21.0 16.1 24.1

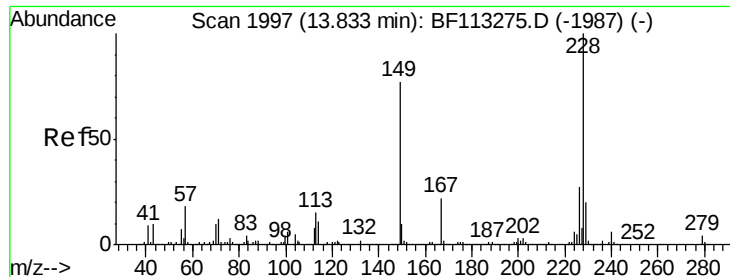


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 41.521 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

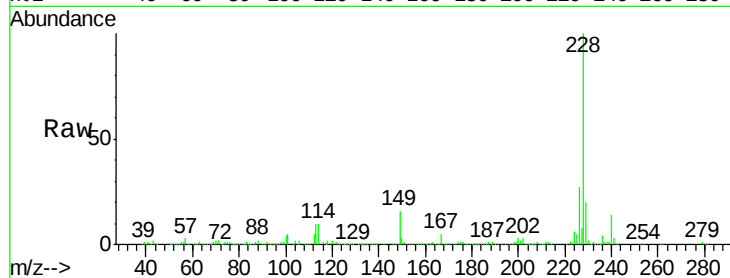
Tgt Ion:228 Resp: 874773

Ion Ratio Lower Upper

228 100

226 27.1 21.8 32.8

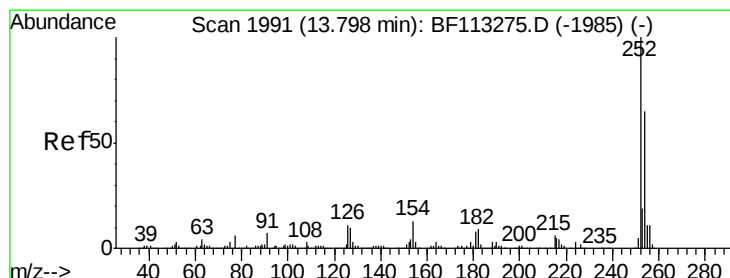
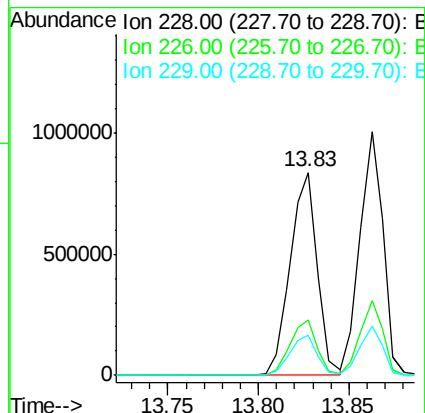
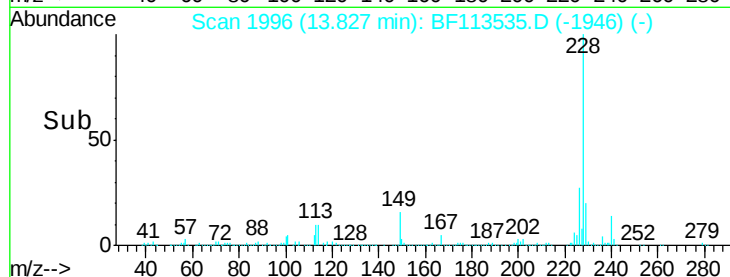
229 20.0 16.2 24.4



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 18.014 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

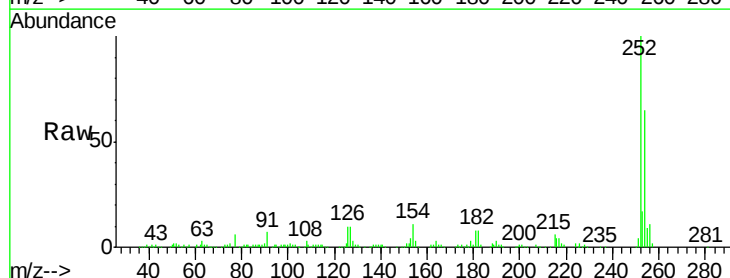
Tgt Ion:252 Resp: 152253

Ion Ratio Lower Upper

252 100

254 65.2 52.2 78.2

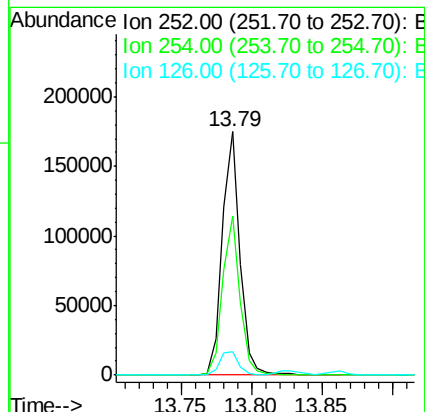
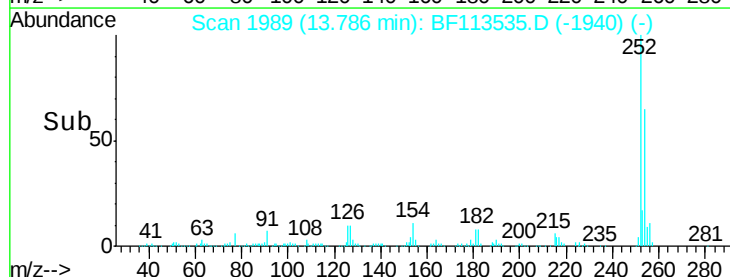
126 9.6 8.5 12.7



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: 41.870 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampled :

CS-7MS

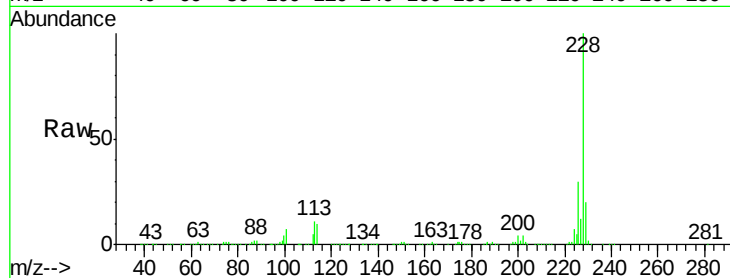
Tgt Ion:228 Resp: 895994

Ion Ratio Lower Upper

228 100

226 30.5 24.3 36.5

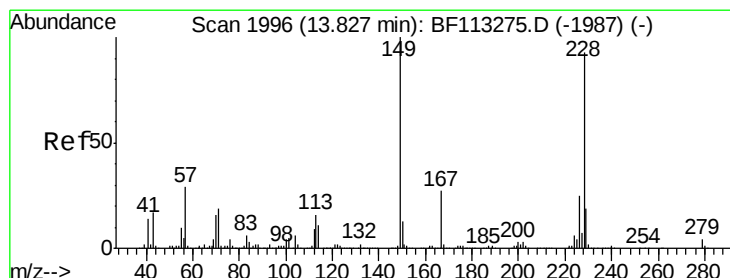
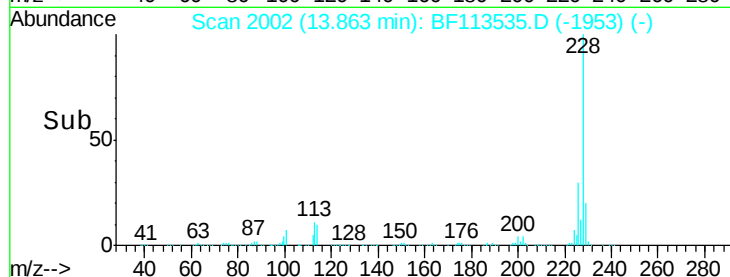
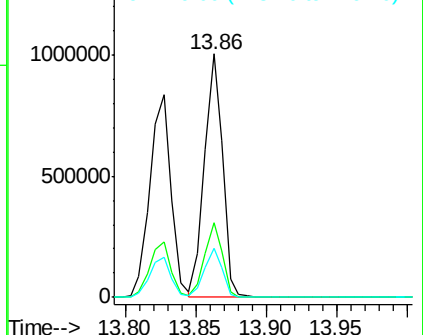
229 20.1 16.3 24.5



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: 44.980 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

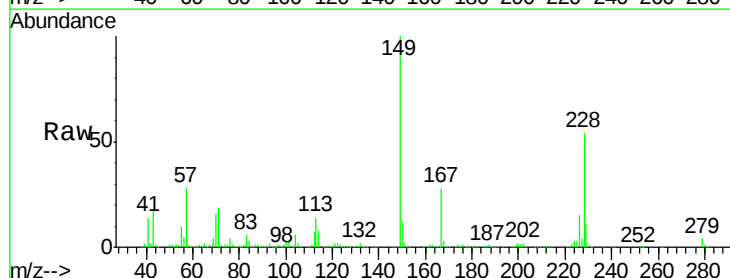
Tgt Ion:149 Resp: 619800

Ion Ratio Lower Upper

149 100

167 27.6 21.8 32.8

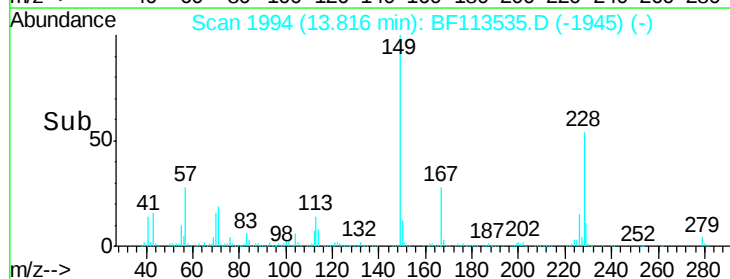
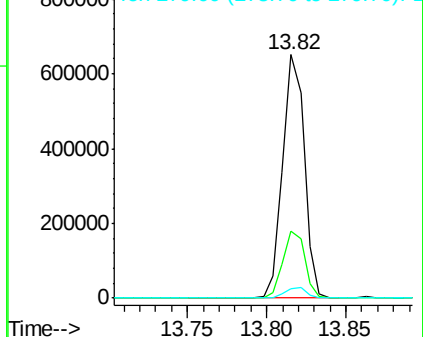
279 3.9 2.9 4.3

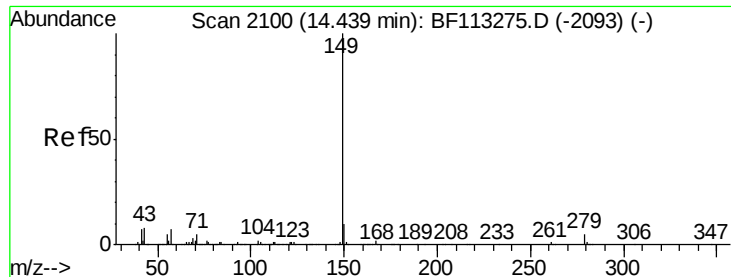


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

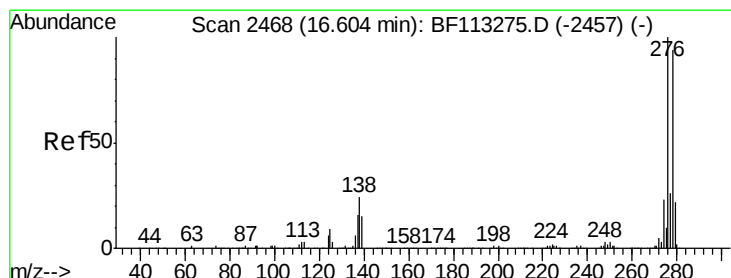
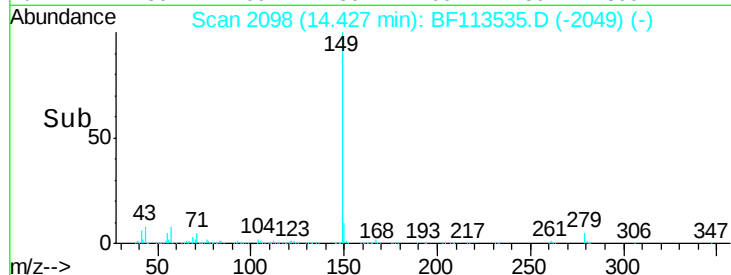
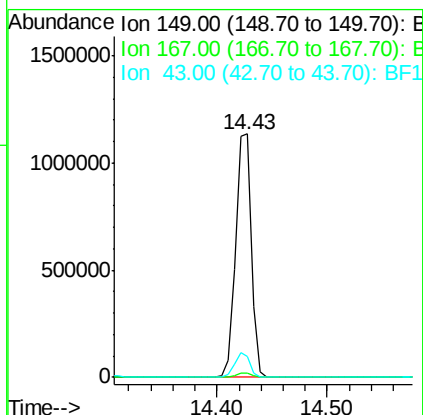
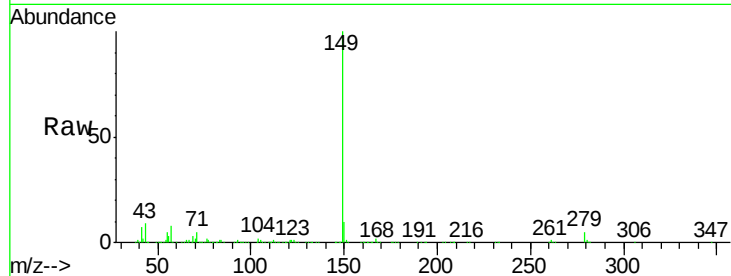




#85
Di-n-octyl phthalate
Concen: 48.583 ng
RT: 14.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

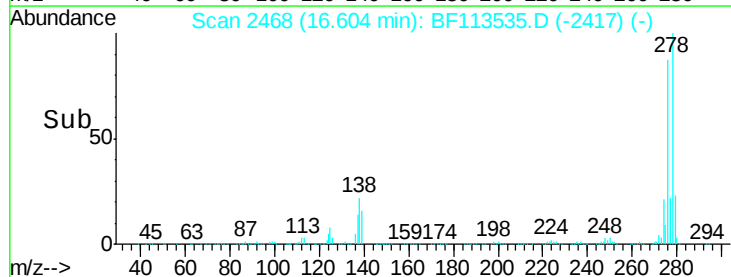
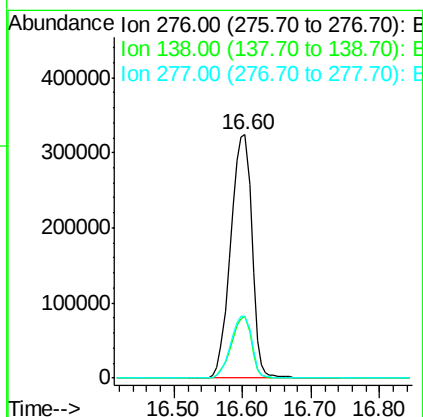
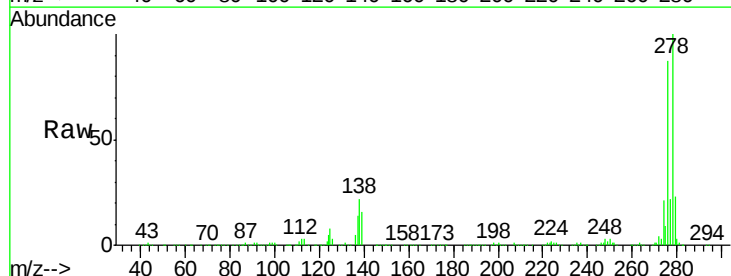
Instrument :
BNA_F
ClientSampleId :
CS-7MS

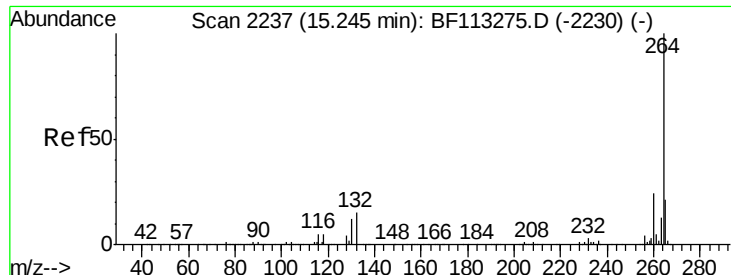
Tgt Ion:149 Resp: 1136336
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.5 7.7 11.5



#86
Indeno(1,2,3-cd)pyrene
Concen: 37.980 ng
RT: 16.60 min Scan# 2468
Delta R.T. 0.00 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Tgt Ion:276 Resp: 697519
Ion Ratio Lower Upper
276 100
138 24.0 18.1 27.1
277 25.2 20.2 30.4

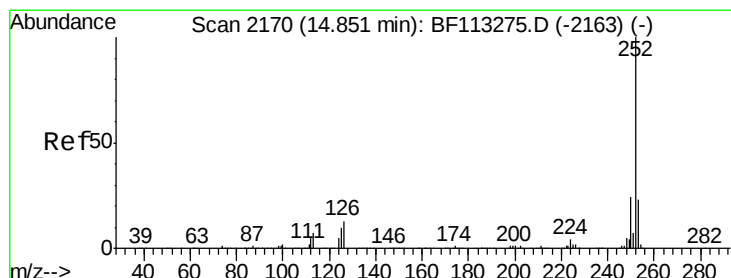
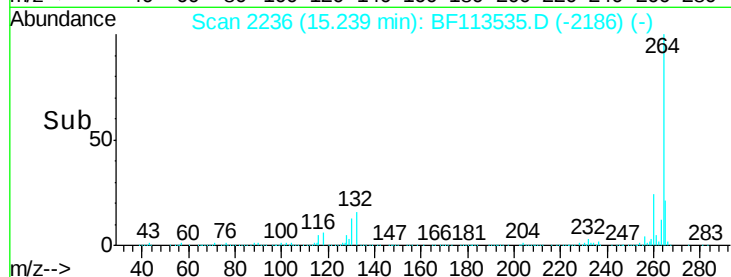
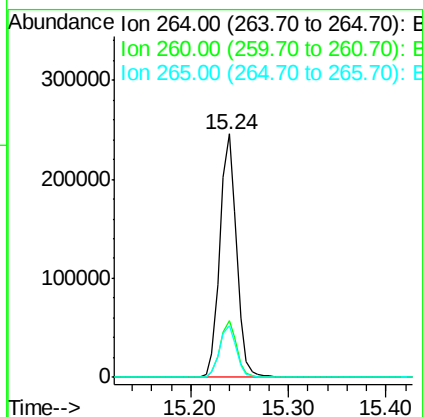
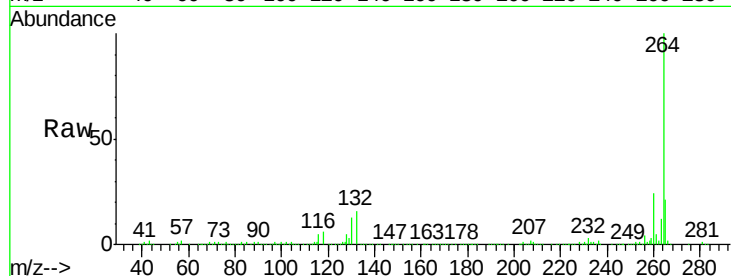




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

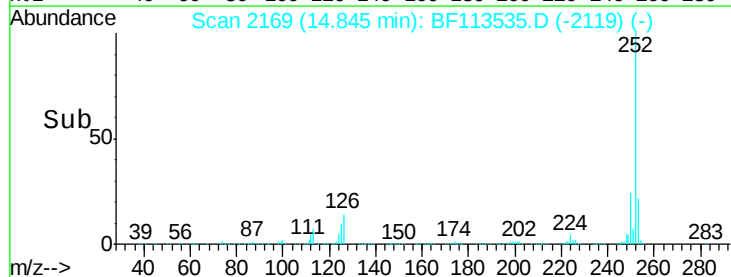
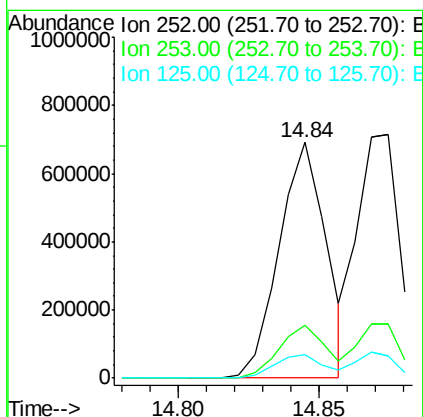
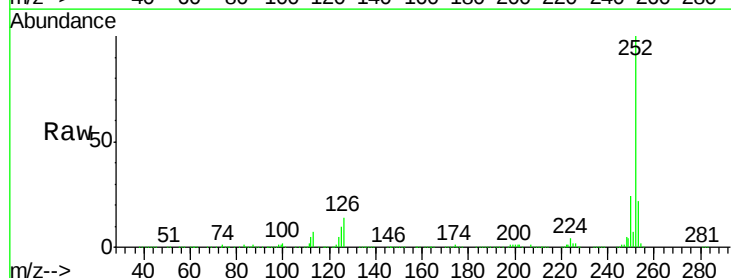
Instrument :
BNA_F
ClientSampleId :
CS-7MS

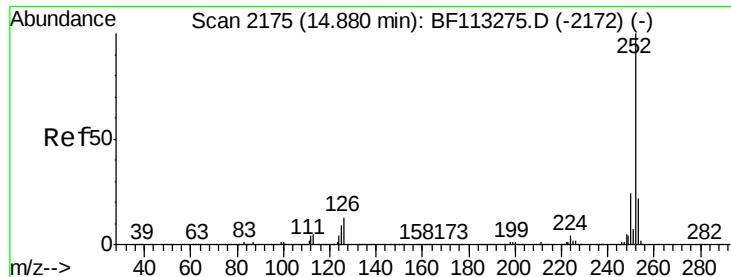
Tgt Ion: 264 Resp: 293312
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.2 17.1 25.7



#88
Benzo(b)fluoranthene
Concen: 43.901 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Tgt Ion: 252 Resp: 799905
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 10.1 7.6 11.4

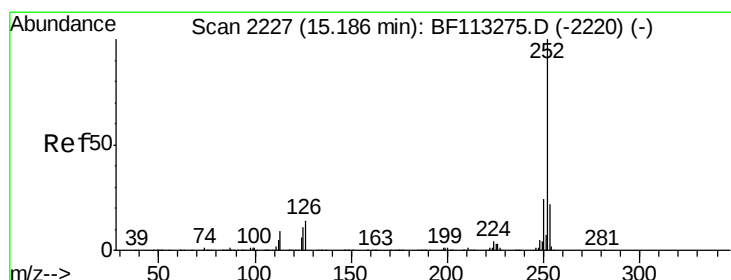
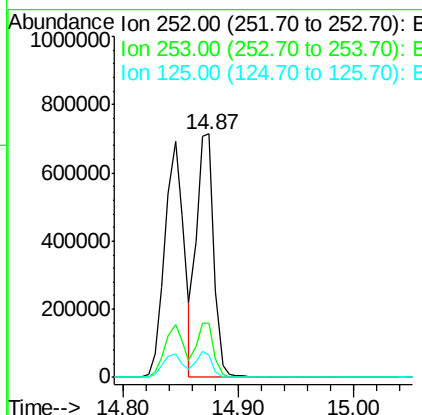
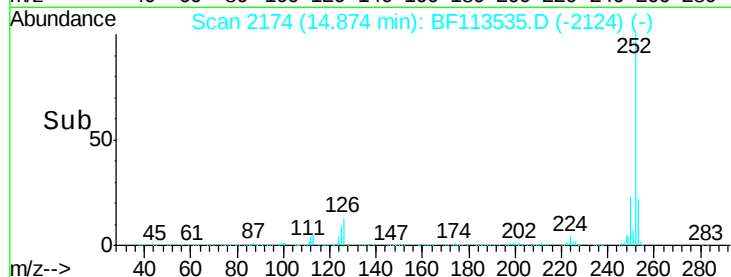
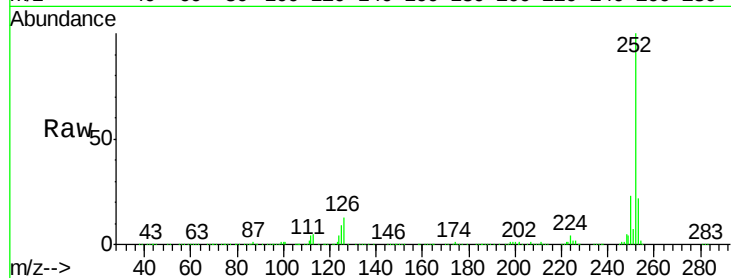




#89
Benzo(k)fluoranthene
Concen: 47.228 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

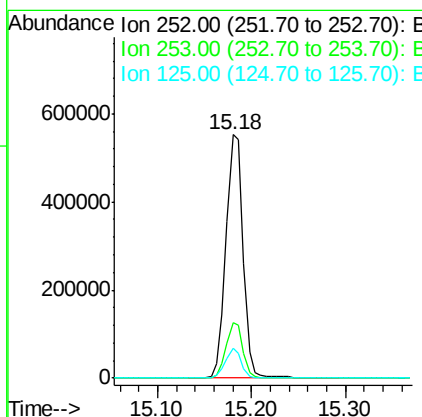
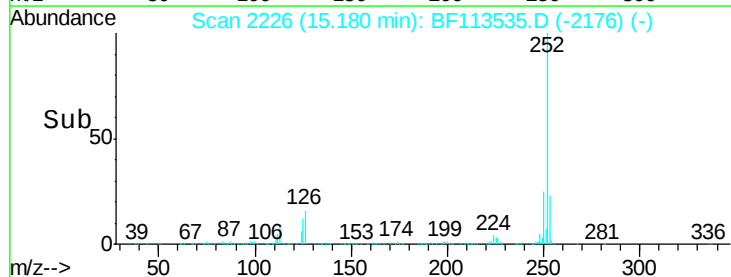
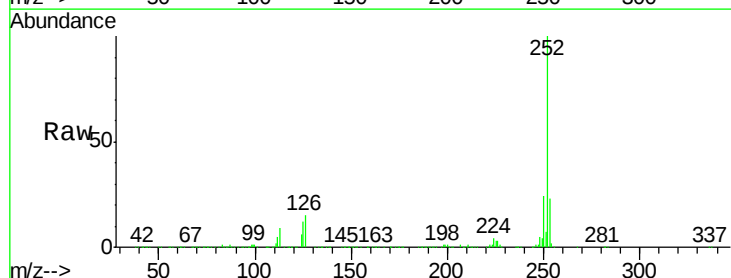
Instrument :
BNA_F
ClientSampleId :
CS-7MS

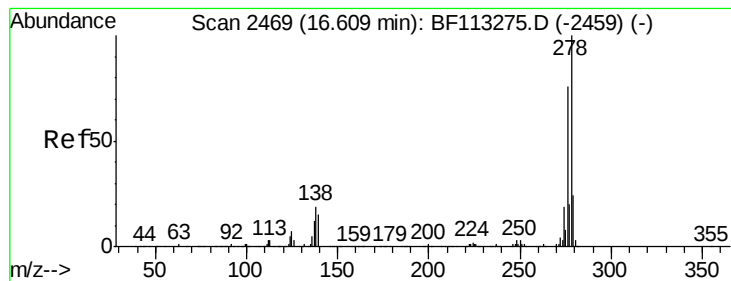
Tgt Ion:252 Resp: 755690
Ion Ratio Lower Upper
252 100
253 22.3 17.7 26.5
125 9.2 7.3 10.9



#90
Benzo(a)pyrene
Concen: 43.459 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113535.D
Acq: 3 Apr 2019 6:47

Tgt Ion:252 Resp: 701992
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 12.1 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 42.938 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

Instrument :

BNA_F

ClientSampleId :

CS-7MS

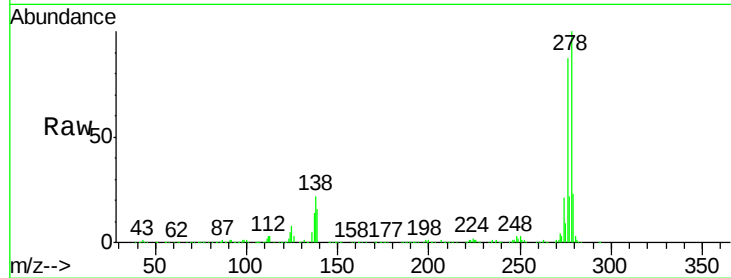
Tgt Ion:278 Resp: 599720

Ion Ratio Lower Upper

278 100

139 15.7 12.0 18.0

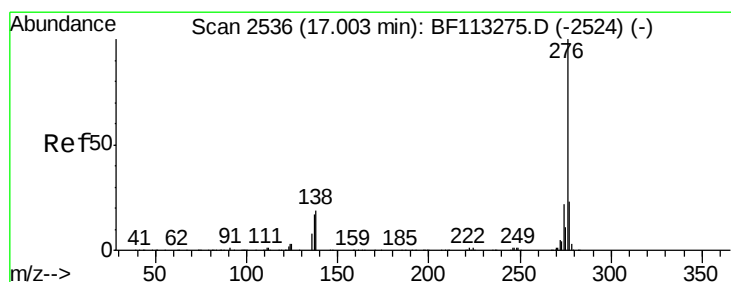
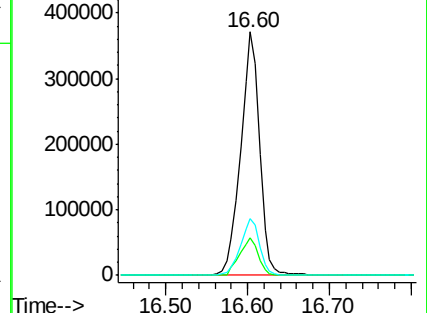
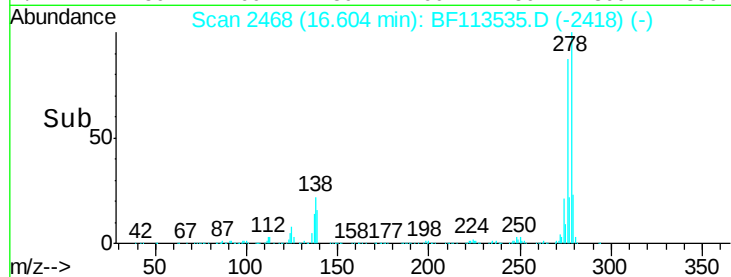
279 23.4 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.207 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF113535.D

Acq: 3 Apr 2019 6:47

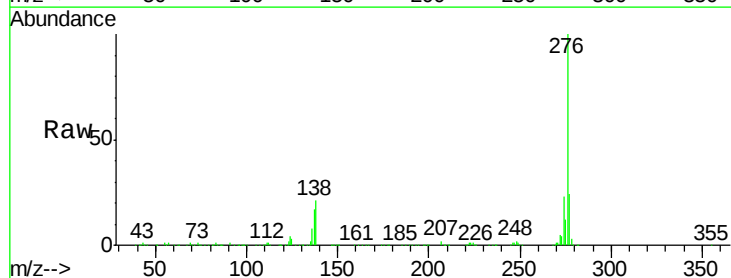
Tgt Ion:276 Resp: 566230

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 20.9 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

