

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
 Data File : BF113536.D
 Acq On : 3 Apr 2019 7:16
 Operator : JU/SJ
 Sample : K2056-05MSD
 Misc :
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Quant Time: Apr 03 08:02:50 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	135102	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	477927	20.00	ng	-0.01
39) Acenaphthene-d10	9.72	164	199433	20.00	ng	-0.02
64) Phenanthrene-d10	11.20	188	333996	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	327380	20.00	ng	-0.01
87) Perylene-d12	15.24	264	261725	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	832584	100.77	ng	0.00
7) Phenol-d6	6.35	99	962630	92.10	ng	0.00
23) Nitrobenzene-d5	7.26	82	696504	86.50	ng	0.00
42) 2,4,6-Tribromophenol	10.52	330	274052	111.25	ng	-0.01
45) 2-Fluorobiphenyl	9.05	172	1214090	98.14	ng	-0.01
79) Terphenyl-d14	12.78	244	1178091	79.32	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.48	88	120115	28.652	ng	# 83
3) Pyridine	3.17	79	229892	22.245	ng	96
4) n-Nitrosodimethylamine	3.07	42	145072	31.577	ng	92
6) Aniline	6.36	93	123700	9.718	ng	# 24
8) 2-Chlorophenol	6.49	128	340198	35.456	ng	96
9) Benzaldehyde	6.25	77	171844	24.500	ng	98
10) Phenol	6.36	94	337271	28.264	ng	# 74
11) bis(2-Chloroethyl)ether	6.43	93	336041	36.737	ng	100
12) 1,3-Dichlorobenzene	6.63	146	307883	29.768	ng	98
13) 1,4-Dichlorobenzene	6.71	146	317003	31.744	ng	100
14) 1,2-Dichlorobenzene	6.86	146	297458	30.277	ng	99
15) Benzyl Alcohol	6.85	79	260344	37.755	ng	100
16) 2,2'-oxybis(1-Chloropropan	6.97	45	509217	37.057	ng	82
17) 2-Methylphenol	6.97	107	262008	34.844	ng	# 93
18) Hexachloroethane	7.20	117	95063	26.504	ng	96
19) n-Nitroso-di-n-propylamine	7.12	70	237518	36.176	ng	99
20) 3+4-Methylphenols	7.12	107	337200	37.852	ng	92
22) Acetophenone	7.10	105	468098	42.947	ng	97
24) Nitrobenzene	7.28	77	349507	41.595	ng	99
25) Isophorone	7.52	82	635260	40.709	ng	100
26) 2-Nitrophenol	7.60	139	168073	37.842	ng	90
27) 2,4-Dimethylphenol	7.65	122	300540	47.041	ng	98
28) bis(2-Chloroethoxy)methane	7.73	93	414258	42.156	ng	99
29) 2,4-Dichlorophenol	7.85	162	284277	41.060	ng	99
30) 1,2,4-Trichlorobenzene	7.92	180	290522	38.893	ng	98
31) Naphthalene	8.00	128	916871	39.258	ng	99
32) Benzoic acid	7.76	122	43531	8.465	ng	94
33) 4-Chloroaniline	8.05	127	53055	5.826	ng	99
34) Hexachlorobutadiene	8.12	225	164583	37.071	ng	100
35) Caprolactam	8.41	113	55668	25.053	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	266412	38.257	ng	98
37) 2-Methylnaphthalene	8.69	142	611826	41.984	ng	99
38) 1-Methylnaphthalene	8.79	142	573672	40.927	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.86	216	292479	45.687	ng	99

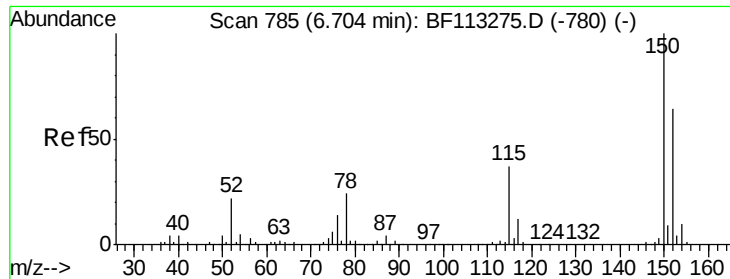
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF040219\
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 QLast Update : Tue Mar 26 03:32:08 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.84	237	14451	5.333	ng	98
43) 2,4,6-Trichlorophenol	8.97	196	182067	43.674	ng	98
44) 2,4,5-Trichlorophenol	9.02	196	189544	41.084	ng	98
46) 1,1'-Biphenyl	9.15	154	753405	45.232	ng	99
47) 2-Chloronaphthalene	9.17	162	550277	42.908	ng	97
48) 2-Nitroaniline	9.27	65	176010	43.733	ng	96
49) Acenaphthylene	9.59	152	859569	41.452	ng	99
50) Dimethylphthalate	9.45	163	663201	44.873	ng	99
51) 2,6-Dinitrotoluene	9.52	165	134489	40.336	ng #	86
52) Acenaphthene	9.76	154	496886	42.550	ng	100
53) 3-Nitroaniline	9.68	138	84949	22.592	ng	98
54) 2,4-Dinitrophenol	9.82	184	4376	2.639	ng	93
55) Dibenzofuran	9.93	168	731192	41.650	ng	98
56) 4-Nitrophenol	9.86	139	123749	46.163	ng	96
57) 2,4-Dinitrotoluene	9.92	165	151557	35.743	ng	96
58) Fluorene	10.27	166	545141	39.972	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	146374	37.518	ng	98
60) Diethylphthalate	10.15	149	630618	43.495	ng	99
61) 4-Chlorophenyl-phenylether	10.26	204	283856	42.705	ng	92
62) 4-Nitroaniline	10.29	138	143987	37.193	ng	97
63) Azobenzene	10.42	77	535600	39.244	ng	99
65) 4,6-Dinitro-2-methylphenol	10.35	198	5472	2.995	ng	82
66) n-Nitrosodiphenylamine	10.38	169	496322	48.428	ng	99
67) 4-Bromophenyl-phenylether	10.75	248	170712	46.895	ng	99
68) Hexachlorobenzene	10.82	284	185652	43.937	ng #	95
69) Atrazine	10.91	200	146894	45.409	ng	99
70) Pentachlorophenol	11.02	266	89481	40.646	ng	98
71) Phenanthrene	11.23	178	740926	44.671	ng	98
72) Anthracene	11.28	178	768575	45.620	ng	99
73) Carbazole	11.43	167	713366	44.375	ng	99
74) Di-n-butylphthalate	11.77	149	865255	46.413	ng	99
75) Fluoranthene	12.41	202	846224	45.131	ng	100
77) Benzidine	12.53	184	398946	31.822	ng	96
78) Pyrene	12.64	202	866836	38.210	ng	99
80) Butylbenzylphthalate	13.26	149	380838	38.091	ng	97
81) Benzo(a)anthracene	13.83	228	779958	41.620	ng	99
82) 3,3'-Dichlorobenzidine	13.79	252	184980	24.605	ng	99
83) Chrysene	13.86	228	792914	41.657	ng	100
84) Bis(2-ethylhexyl)phthalate	13.82	149	507353	41.394	ng	99
85) Di-n-octyl phthalate	14.43	149	958189	46.056	ng	100
86) Indeno(1,2,3-cd)pyrene	16.60	276	582899	35.682	ng	98
88) Benzo(b)fluoranthene	14.84	252	720488	44.315	ng	99
89) Benzo(k)fluoranthene	14.84	252	720488	50.462	ng	99
90) Benzo(a)pyrene	15.18	252	624482	43.326	ng	99
91) Dibenzo(a,h)anthracene	16.60	278	506932	40.675	ng	99
92) Benzo(g,h,i)perylene	17.00	276	481954	38.353	ng	100

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

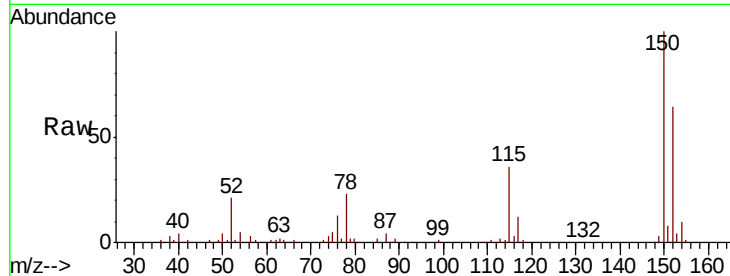


#1

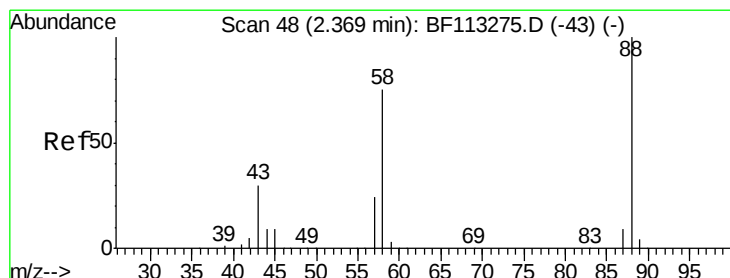
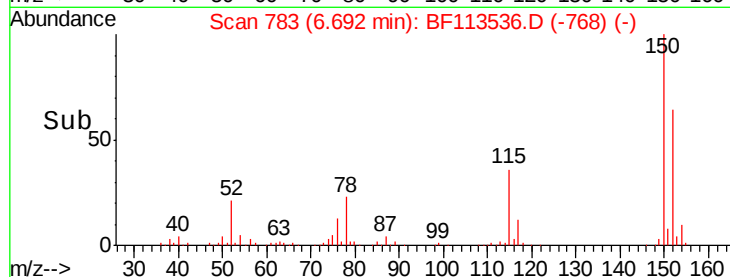
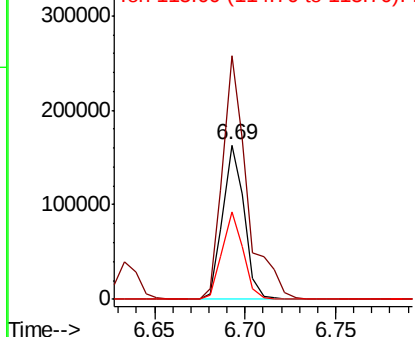
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.69 min Scan# 783
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion:152 Resp: 135102
Ion Ratio Lower Upper
152 100
150 157.4 124.7 187.1
115 56.4 46.0 69.0



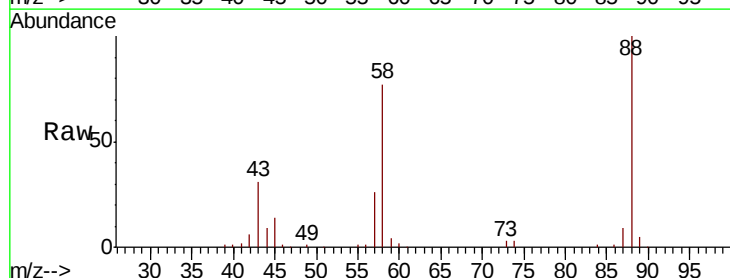
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



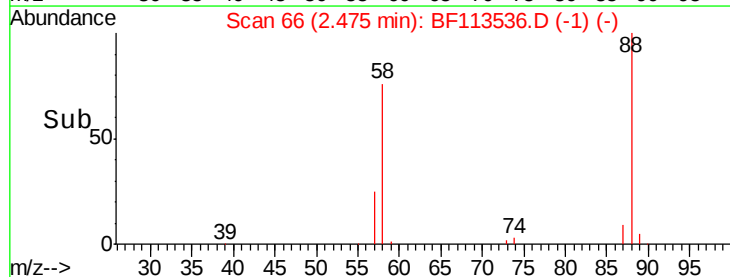
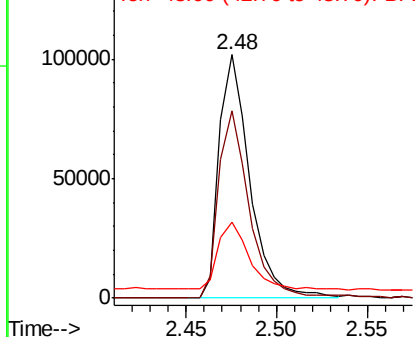
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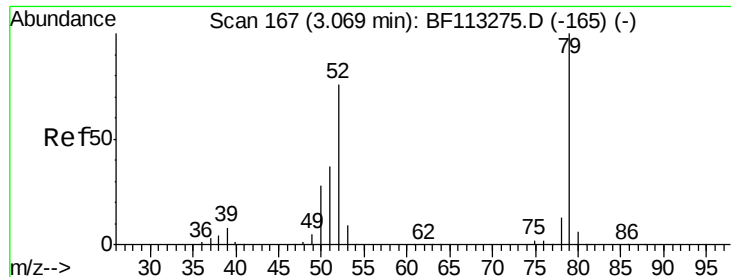
1,4-Dioxane
Concen: 28.652 ng
RT: 2.48 min Scan# 66
Delta R.T. 0.11 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion: 88 Resp: 120115
Ion Ratio Lower Upper
88 100
58 78.7 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: 22.245 ng

RT: 3.17 min Scan# 185

Delta R.T. 0.11 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

CS-7MSD

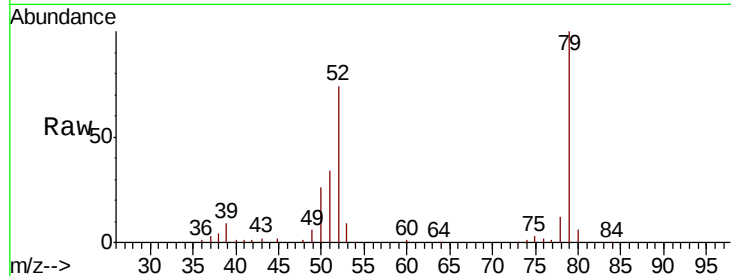
Tgt Ion: 79 Resp: 229892

Ion Ratio Lower Upper

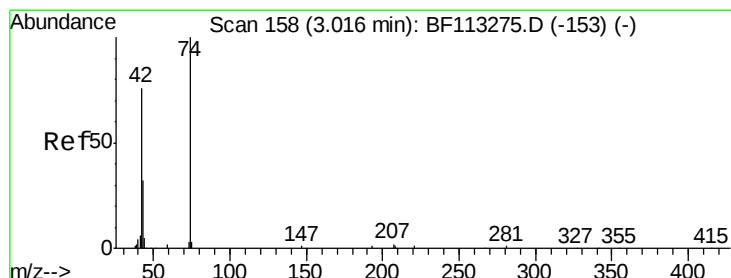
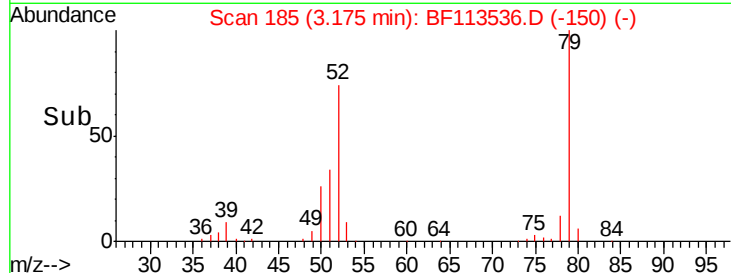
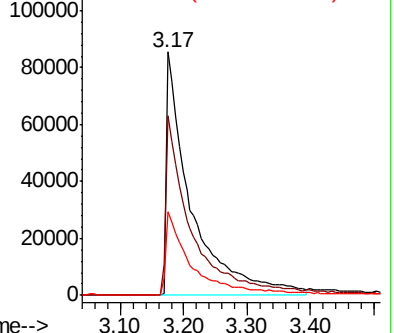
79 100

52 73.6 61.0 91.4

51 34.4 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: 31.577 ng

RT: 3.07 min Scan# 167

Delta R.T. 0.05 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

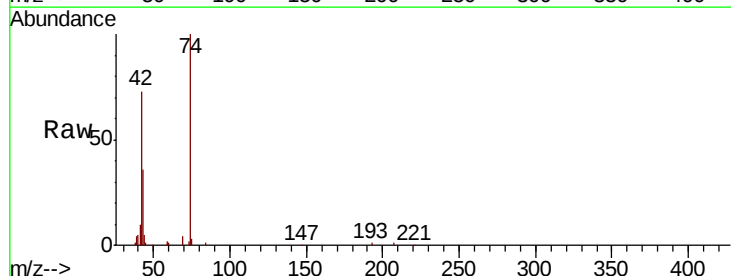
Tgt Ion: 42 Resp: 145072

Ion Ratio Lower Upper

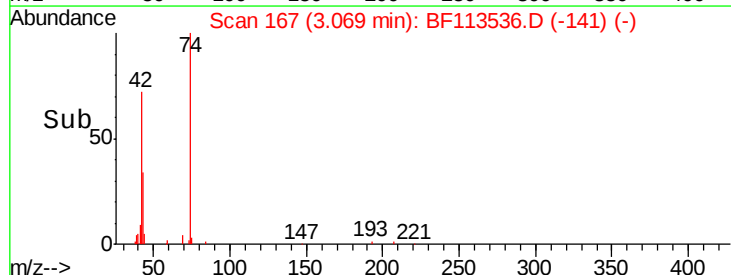
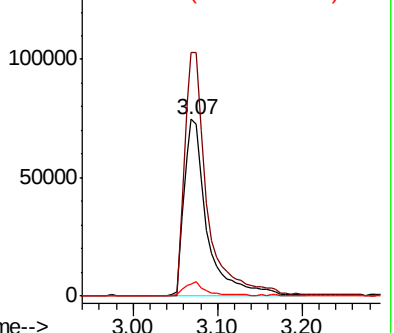
42 100

74 137.5 102.4 153.6

44 7.1 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: 100.766 ng

RT: 5.32 min Scan# 550

Delta R.T. 0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

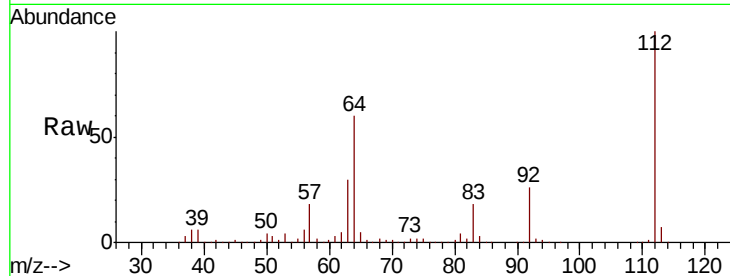
Instrument :

BNA_F

ClientSampleId :

CS-7MSD

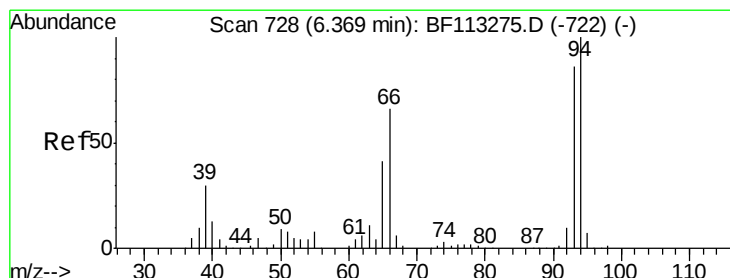
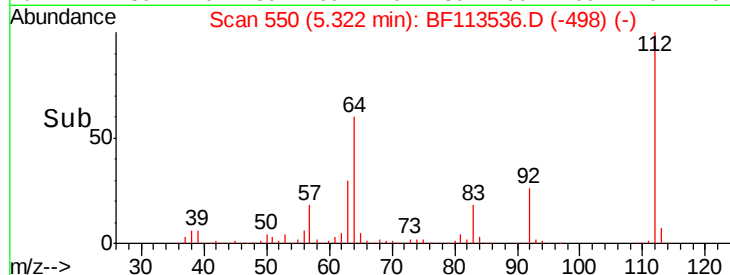
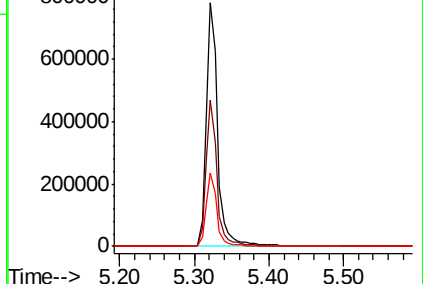
Tgt Ion:	112	Resp:	832584
Ion	Ratio	Lower	Upper
112	100		
64	60.1	49.2	73.8
63	30.1	24.9	37.3



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 9.718 ng

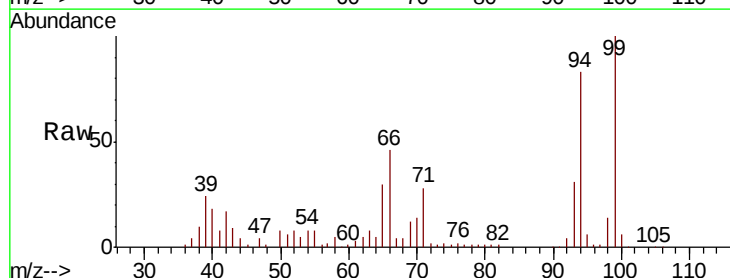
RT: 6.36 min Scan# 726

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

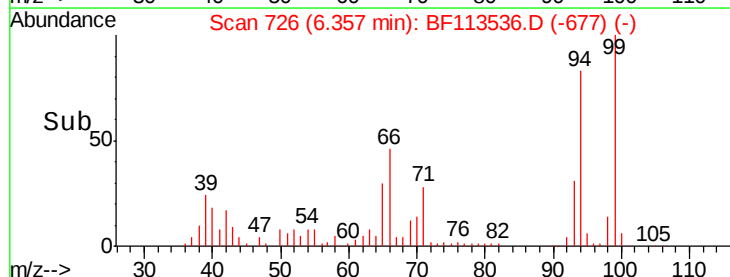
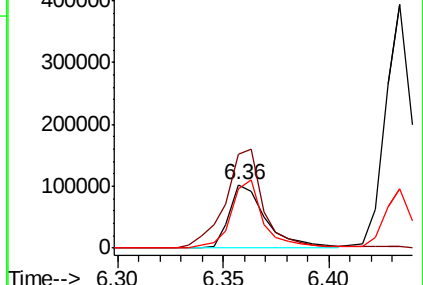
Tgt Ion:	93	Resp:	123700
Ion	Ratio	Lower	Upper
93	100		
66	147.8	62.1	93.1#
65	94.5	38.7	58.1#



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: 92.095 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

ClientSampled :

CS-7MSD

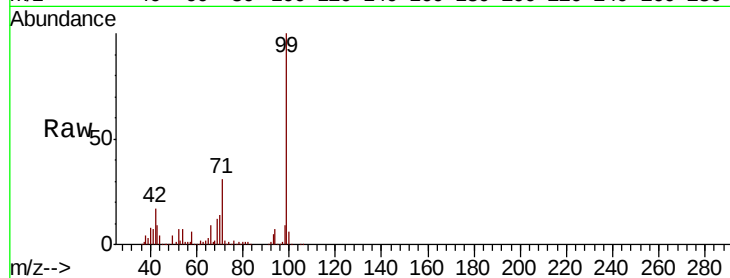
Tgt Ion: 99 Resp: 962630

Ion Ratio Lower Upper

99 100

42 17.5 14.8 22.2

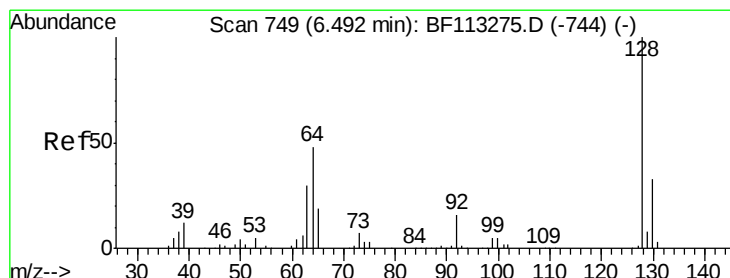
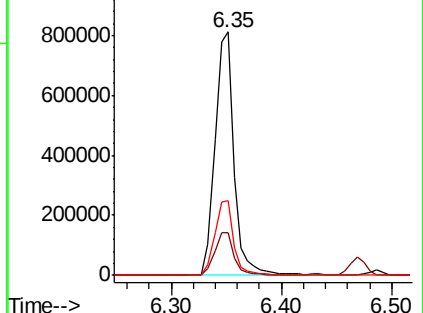
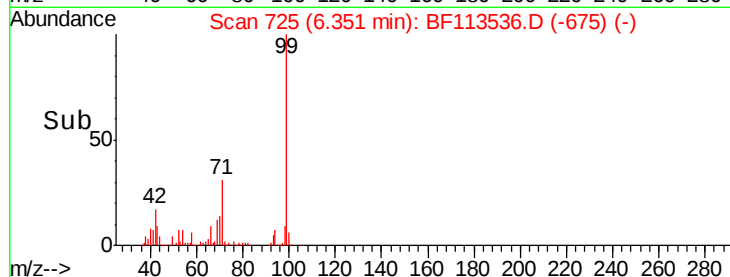
71 30.9 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 35.456 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

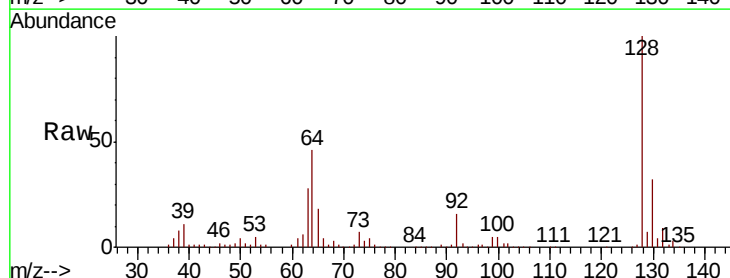
Tgt Ion: 128 Resp: 340198

Ion Ratio Lower Upper

128 100

130 32.3 12.6 52.6

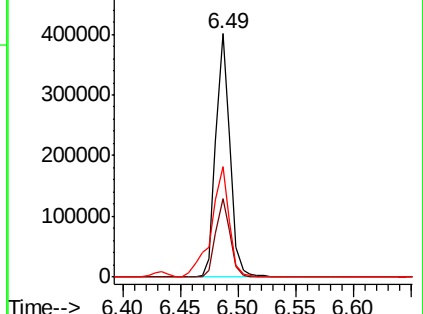
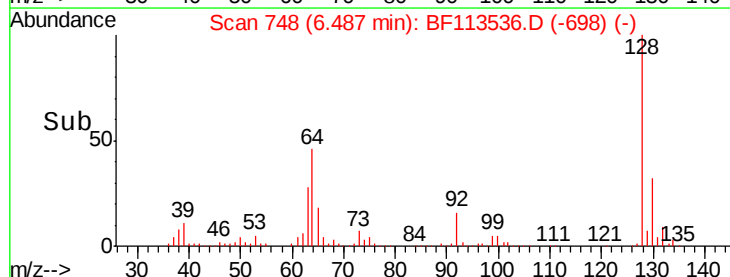
64 45.6 29.4 69.4

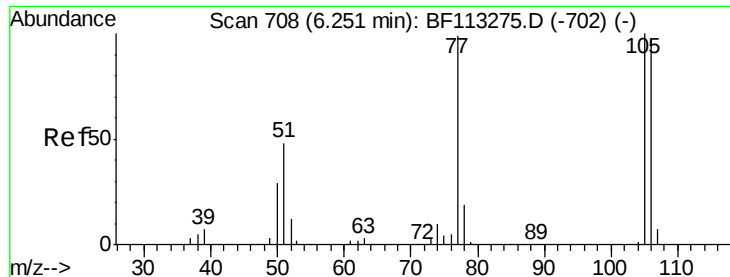


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 24.500 ng

RT: 6.25 min Scan# 707

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

CS-7MSD

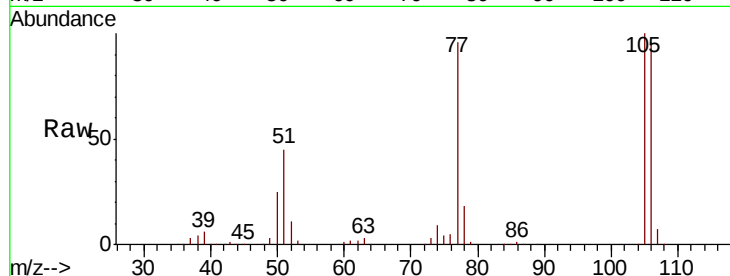
Tgt Ion: 77 Resp: 171844

Ion Ratio Lower Upper

77 100

105 103.9 80.9 120.9

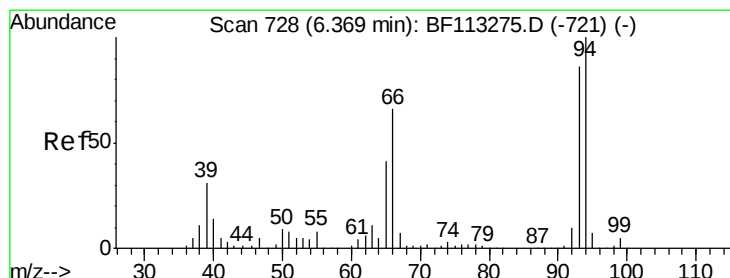
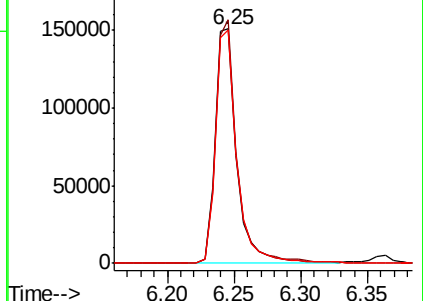
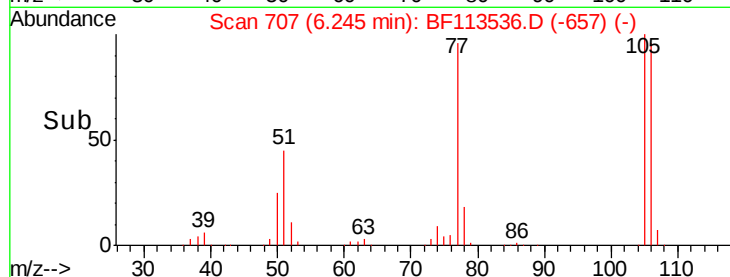
106 99.6 77.8 117.8



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 28.264 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

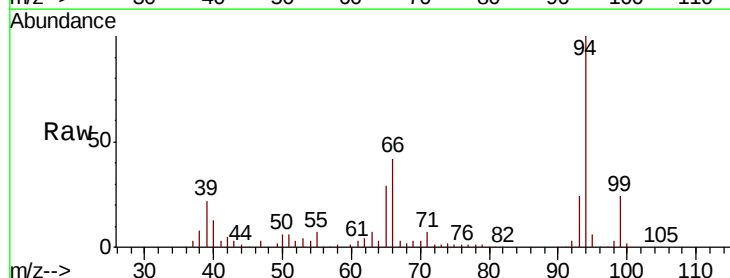
Tgt Ion: 94 Resp: 337271

Ion Ratio Lower Upper

94 100

65 29.1 21.4 61.4

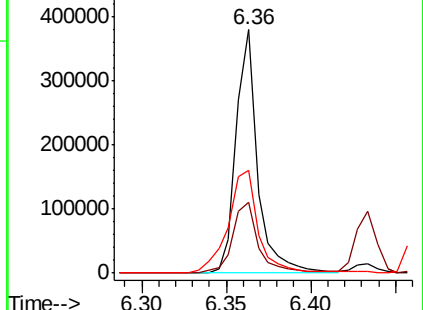
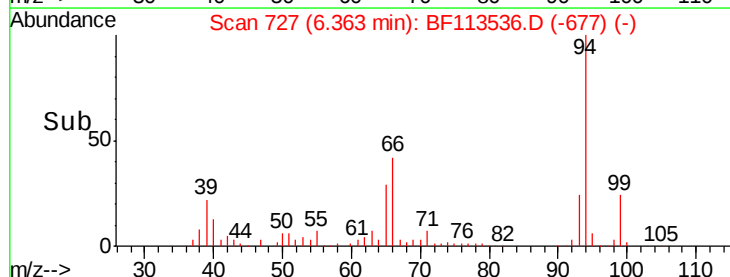
66 42.0 46.4 86.4#

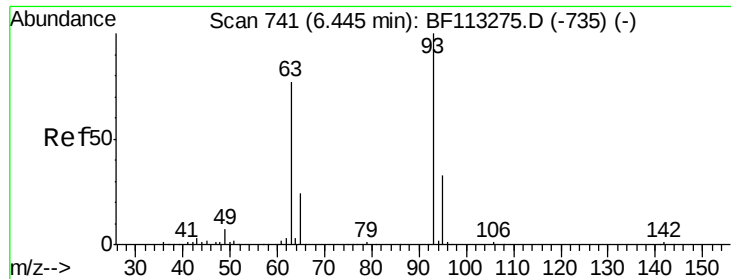


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



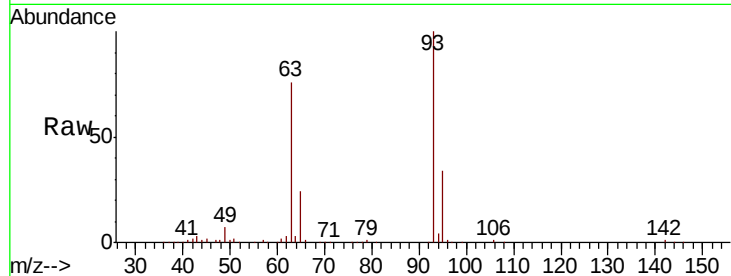


#11
bis(2-Chloroethyl)ether
Concen: 36.737 ng
RT: 6.43 min Scan# 739
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

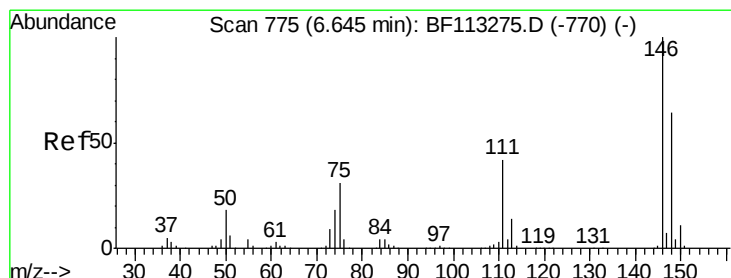
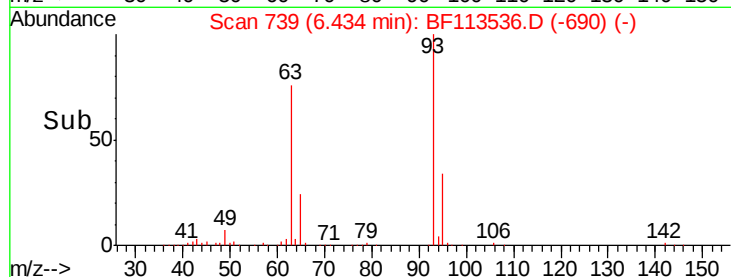
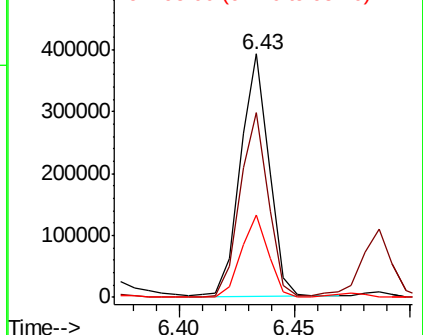
Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion: 93 Resp: 336041

Ion	Ratio	Lower	Upper
93	100		
63	76.1	56.1	96.1
95	33.6	12.8	52.8



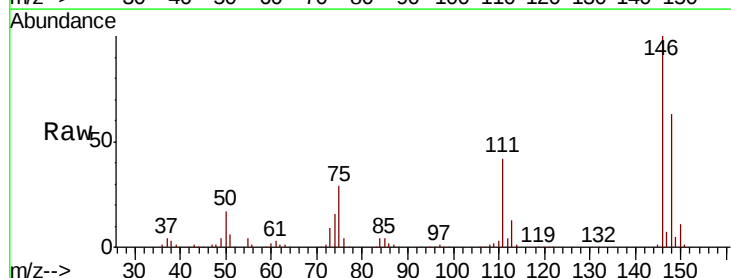
Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1



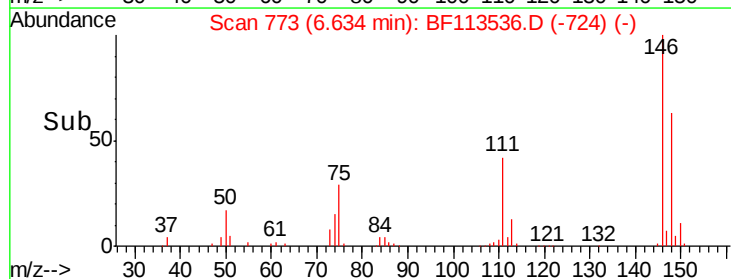
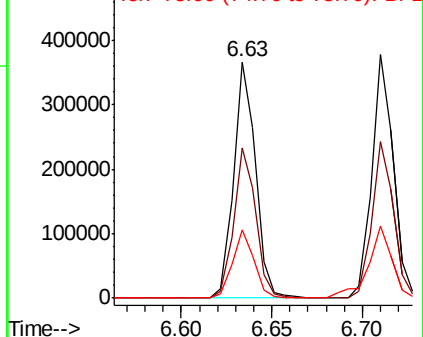
#12
1,3-Dichlorobenzene
Concen: 29.768 ng
RT: 6.63 min Scan# 773
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

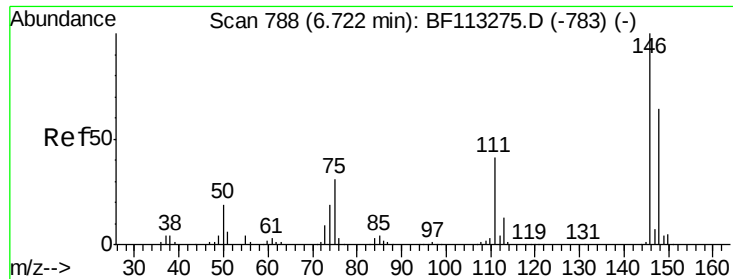
Tgt Ion: 146 Resp: 307883

Ion	Ratio	Lower	Upper
146	100		
148	63.4	51.4	77.0
75	28.8	24.8	37.2



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1

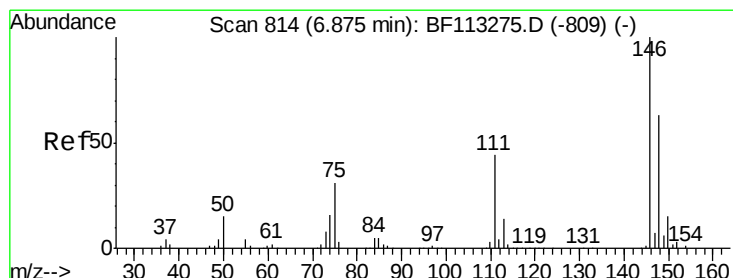
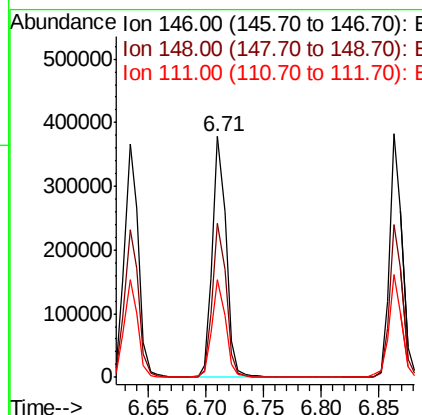
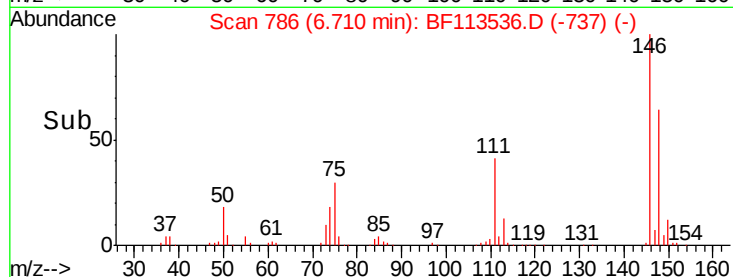
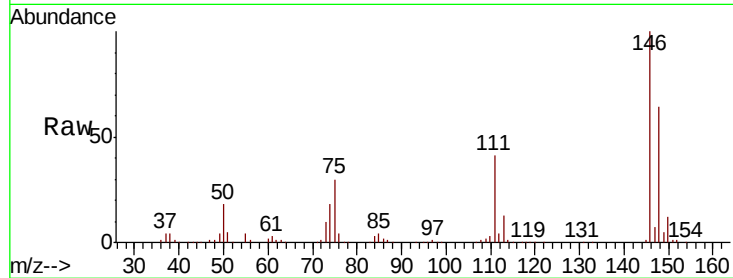




#13
 1,4-Dichlorobenzene
 Concen: 31.744 ng
 RT: 6.71 min Scan# 786
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

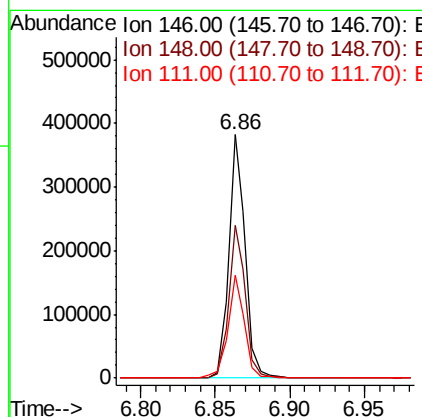
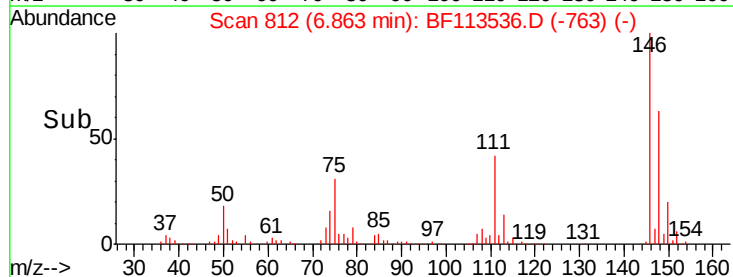
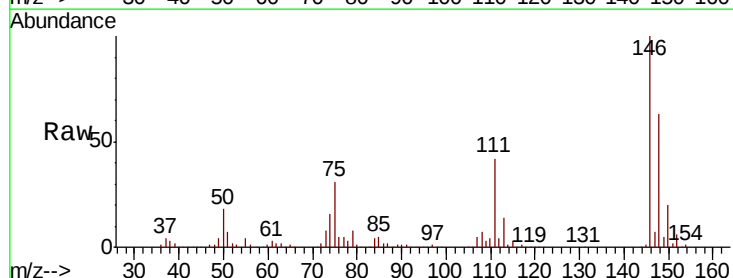
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Tgt Ion:146 Resp: 317003
 Ion Ratio Lower Upper
 146 100
 148 64.2 51.1 76.7
 111 40.9 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 30.277 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion:146 Resp: 297458
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.2 75.4
 111 42.3 35.4 53.2





#15

Benzyl Alcohol

Concen: 37.755 ng

RT: 6.85 min Scan# 809

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

CS-7MSD

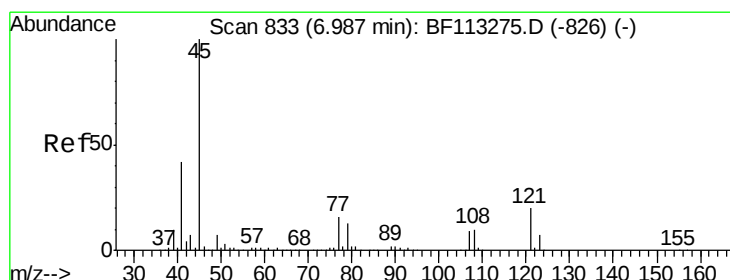
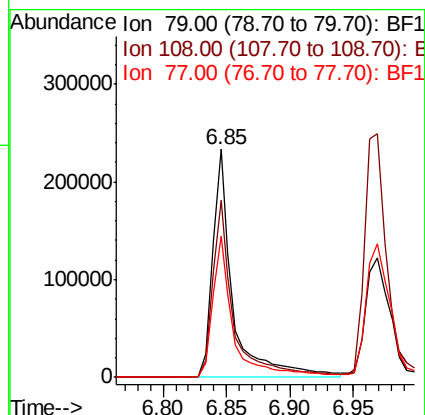
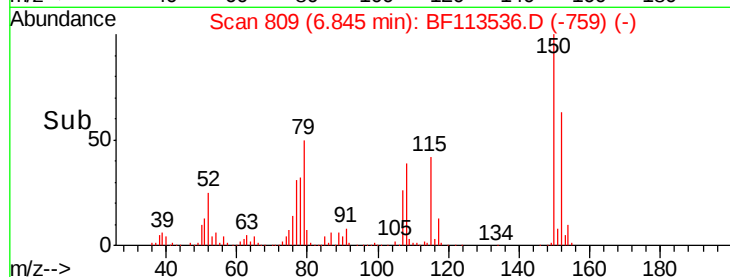
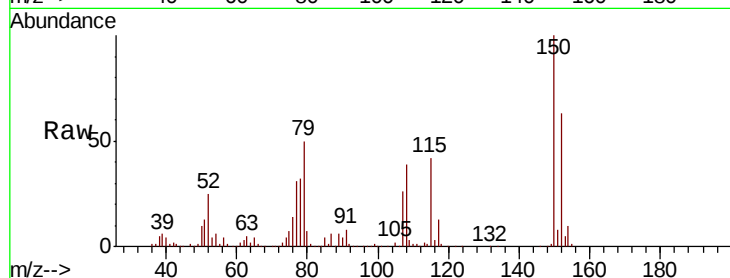
Tgt Ion: 79 Resp: 260344

Ion Ratio Lower Upper

79 100

108 77.7 62.0 93.0

77 62.1 49.9 74.9



#16

2,2'-oxybis(1-Chloropropane)

Concen: 37.057 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

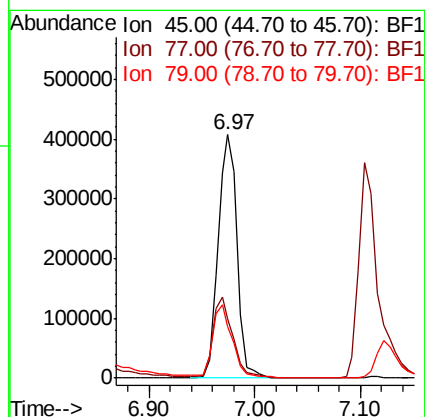
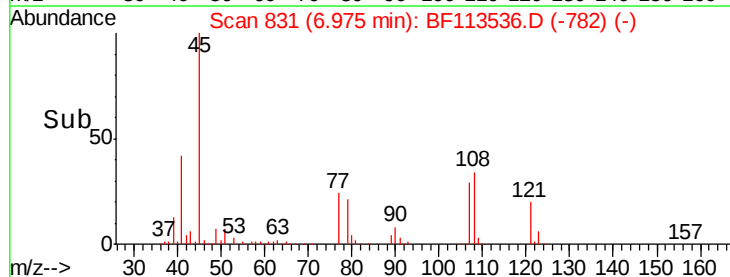
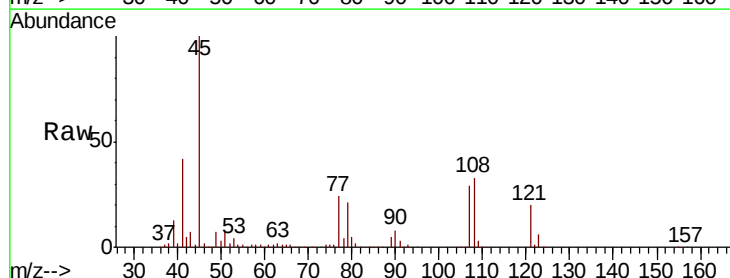
Tgt Ion: 45 Resp: 509217

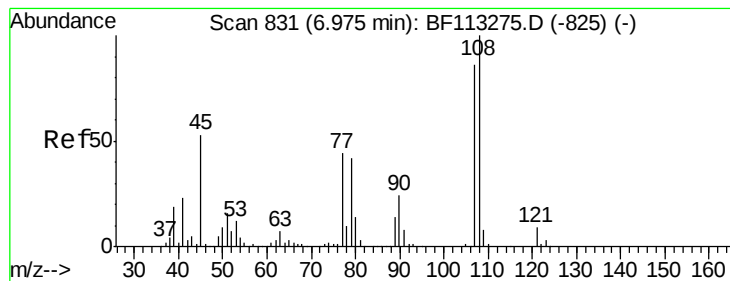
Ion Ratio Lower Upper

45 100

77 24.3 0.0 36.6

79 21.3 0.0 34.0

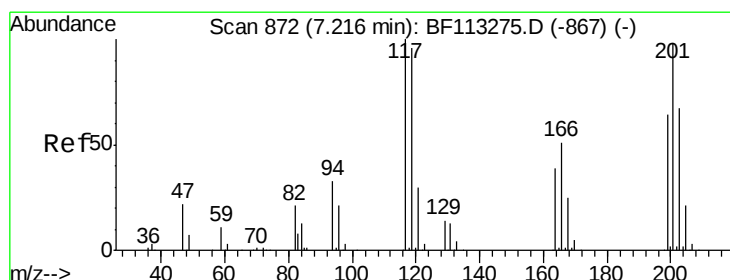
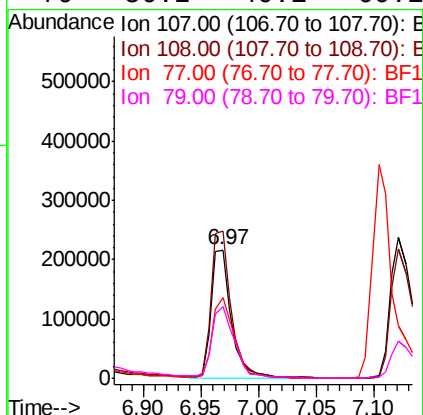
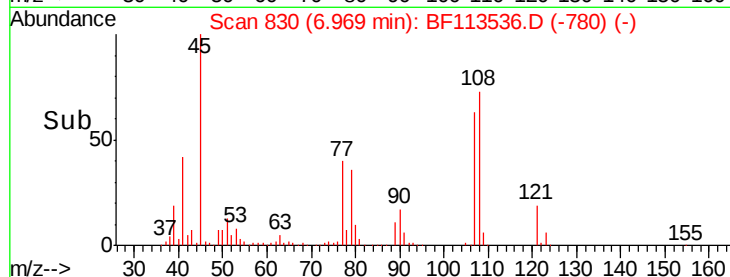
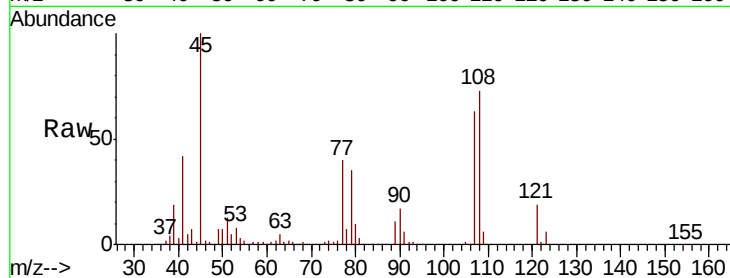




#17
2-Methylphenol
Concen: 34.844 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

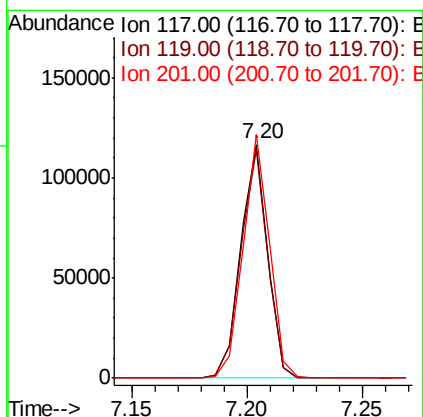
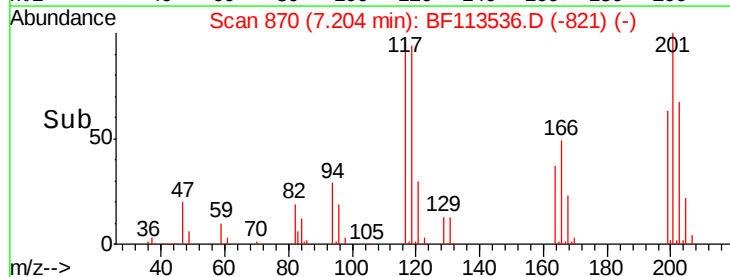
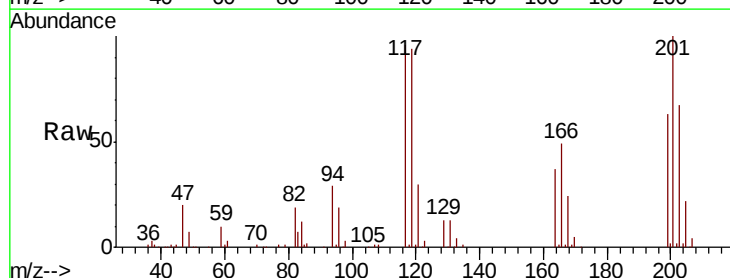
Instrument :
BNA_F
ClientSampleId :
CS-7MSD

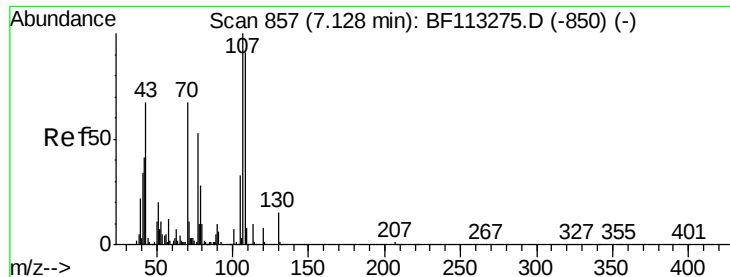
Tgt Ion:107 Resp: 262008
Ion Ratio Lower Upper
107 100
108 114.8 93.4 140.0
77 62.8 41.2 61.8#
79 56.2 40.1 60.1



#18
Hexachloroethane
Concen: 26.504 ng
RT: 7.20 min Scan# 870
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion:117 Resp: 95063
Ion Ratio Lower Upper
117 100
119 97.4 76.9 115.3
201 104.1 78.7 118.1

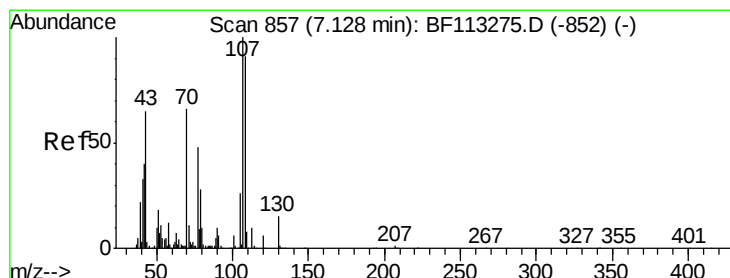
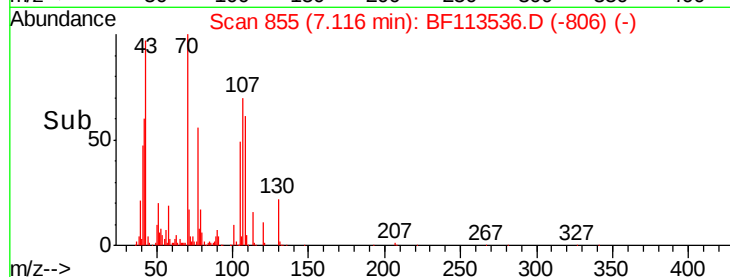
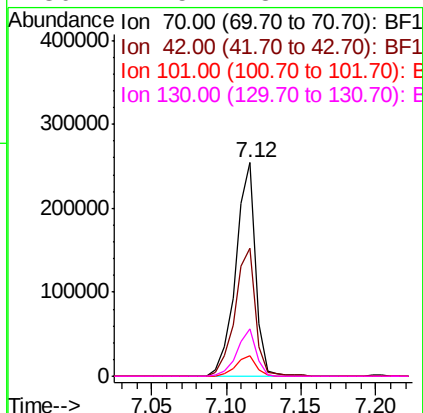
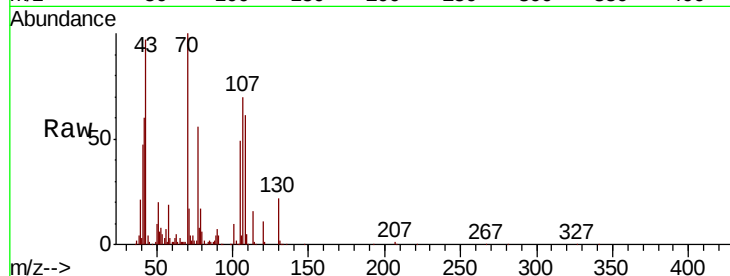




#19
n-Nitroso-di-n-propylamine
Concen: 36.176 ng
RT: 7.12 min Scan# 855
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

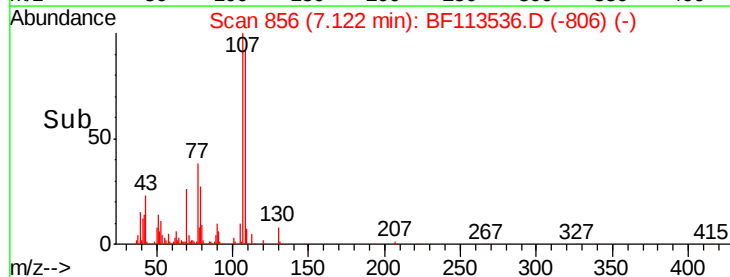
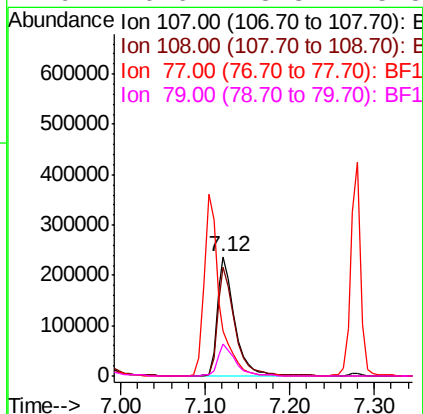
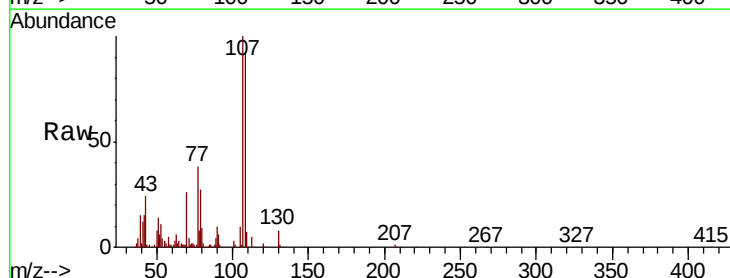
Instrument :
BNA_F
ClientSampleId :
CS-7MSD

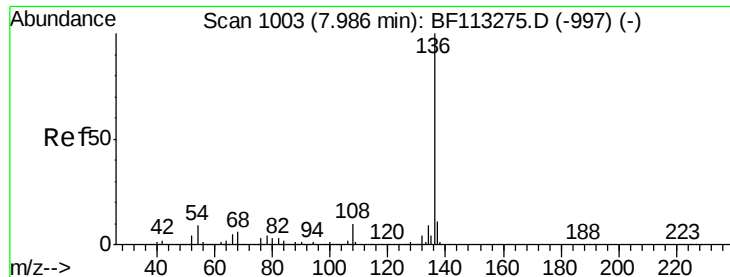
Tgt Ion:	70	Resp:	237518
Ion	Ratio	Lower	Upper
70	100		
42	59.7	48.4	72.6
101	9.8	7.8	11.8
130	22.5	18.2	27.4



#20
3+4-Methylphenols
Concen: 37.852 ng
RT: 7.12 min Scan# 856
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion:	107	Resp:	337200
Ion	Ratio	Lower	Upper
107	100		
108	91.7	71.4	111.4
77	37.8	33.5	73.5
79	26.6	8.3	48.3

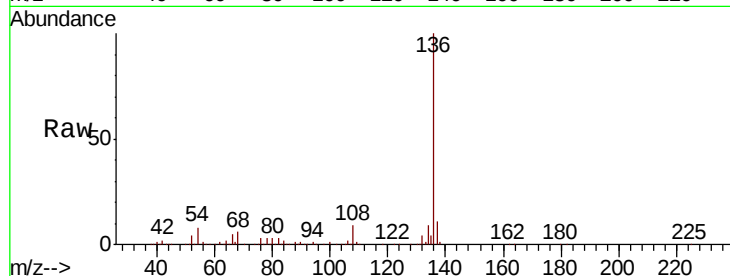




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.97 min Scan# 1001
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion:	136	Resp:	477927
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.9	13.3
54	8.2	7.0	10.6
68	6.1	4.8	7.2



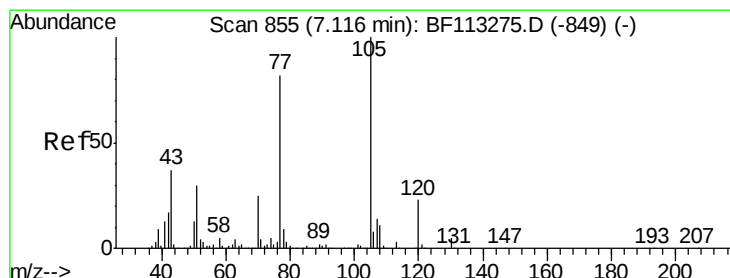
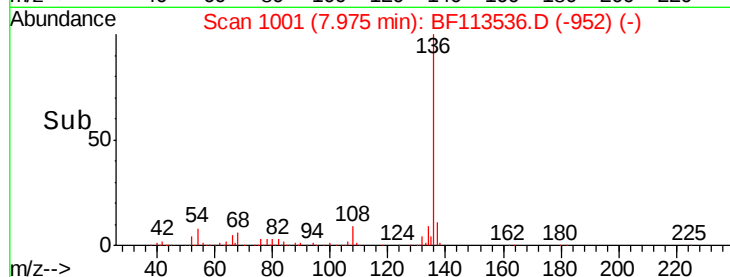
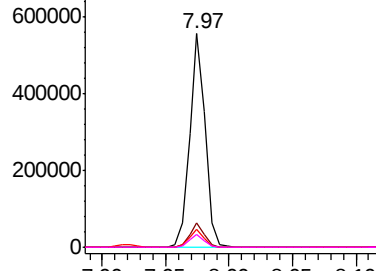
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

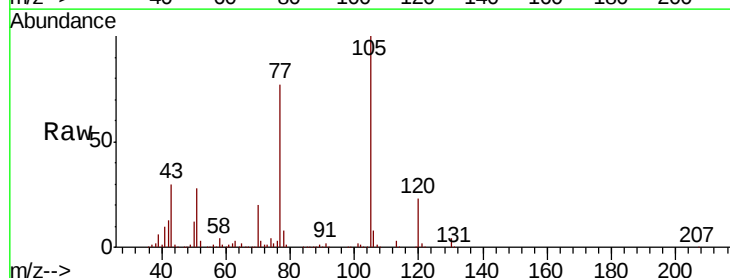
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 42.947 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion:	105	Resp:	468098
Ion	Ratio	Lower	Upper
105	100		
71	3.3	3.3	4.9
51	27.5	24.2	36.2
120	23.2	18.1	27.1



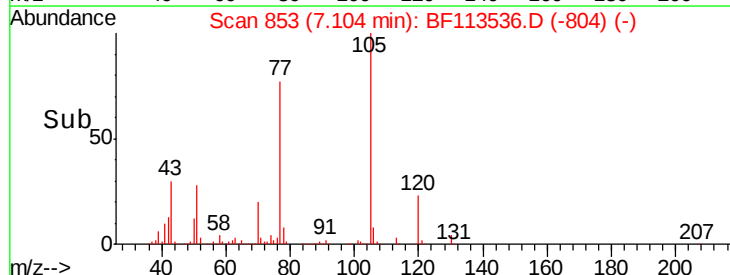
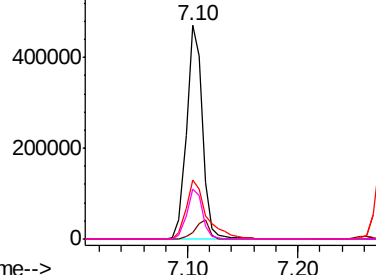
Abundance

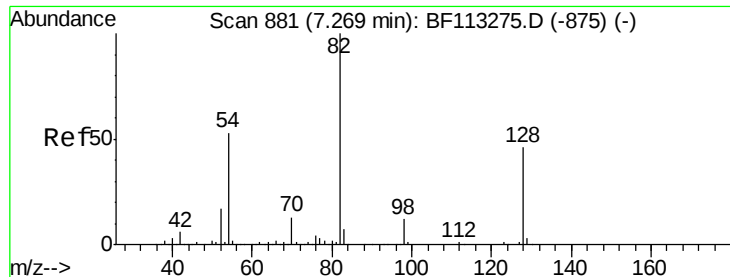
Ion 105.00 (104.70 to 105.70): E

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

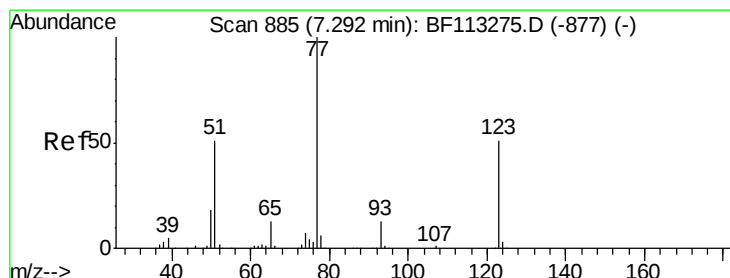
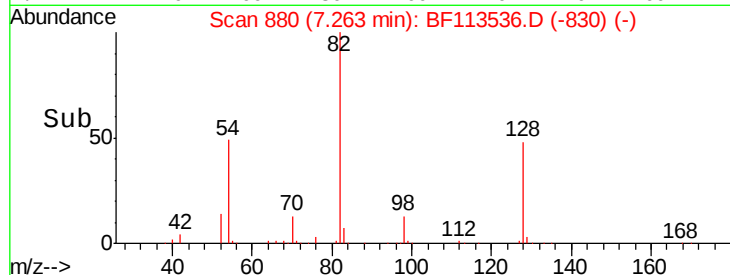
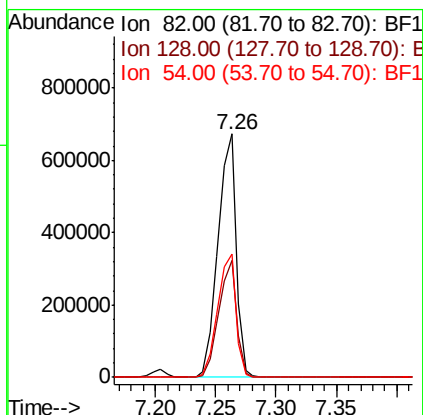
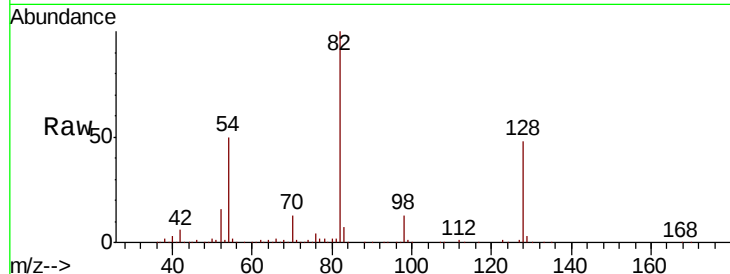




#23
 Nitrobenzene-d5
 Concen: 86.499 ng
 RT: 7.26 min Scan# 880
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

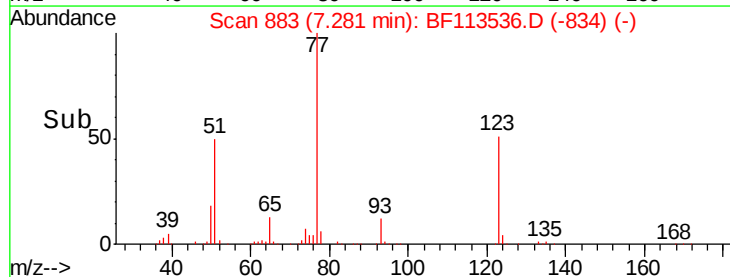
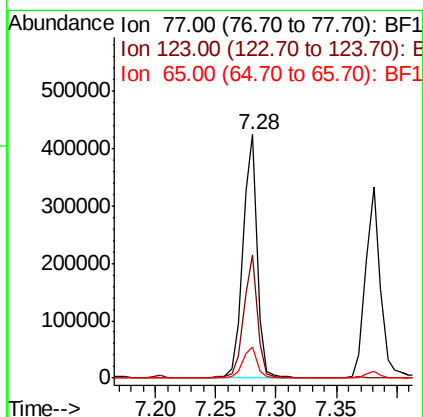
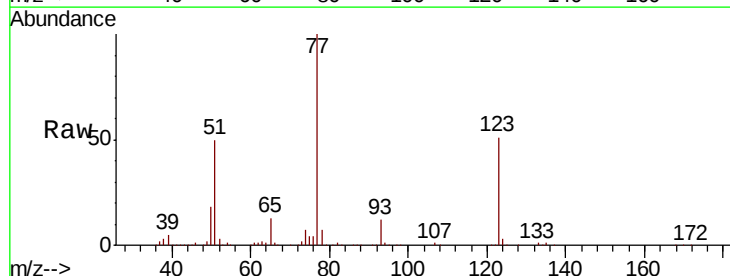
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

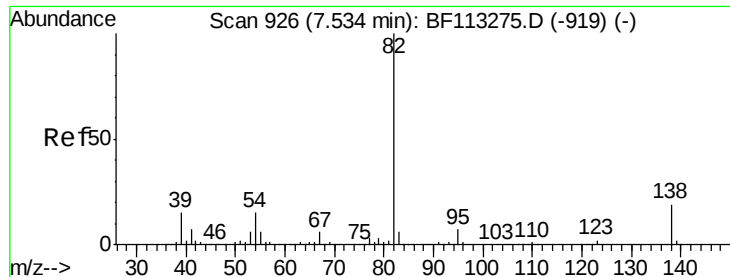
Tgt Ion: 82 Resp: 696504
 Ion Ratio Lower Upper
 82 100
 128 48.1 36.5 54.7
 54 50.4 42.2 63.2



#24
 Nitrobenzene
 Concen: 41.595 ng
 RT: 7.28 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion: 77 Resp: 349507
 Ion Ratio Lower Upper
 77 100
 123 50.6 40.8 61.2
 65 13.0 10.6 16.0

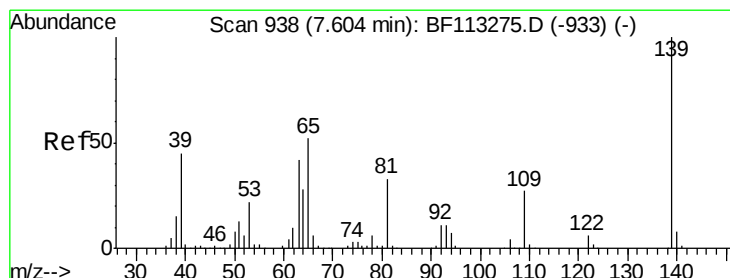
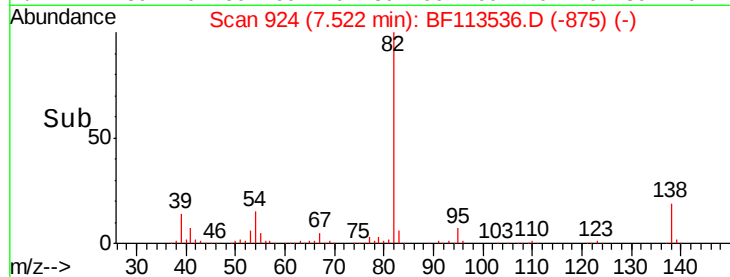
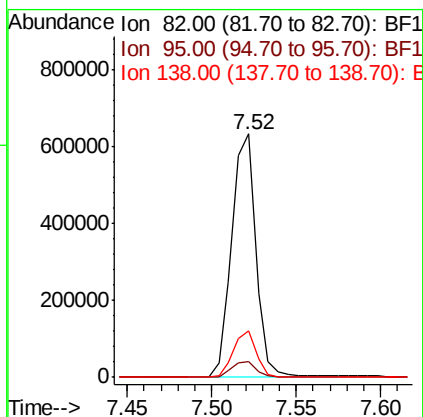
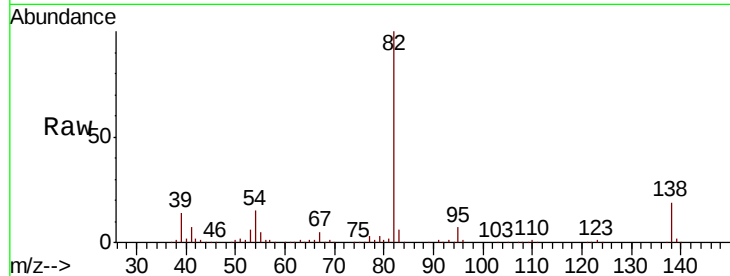




#25
Isophorone
Concen: 40.709 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

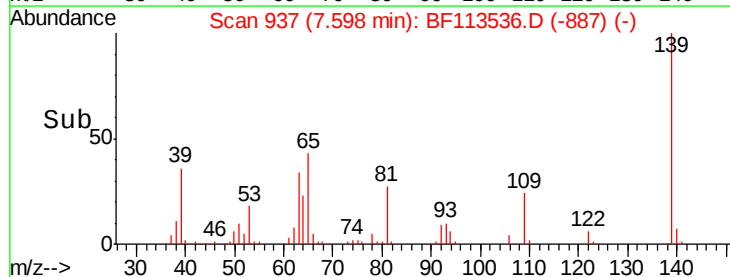
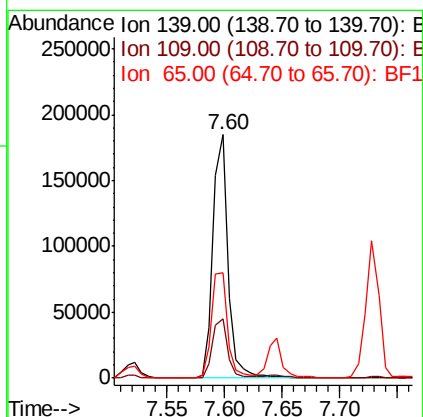
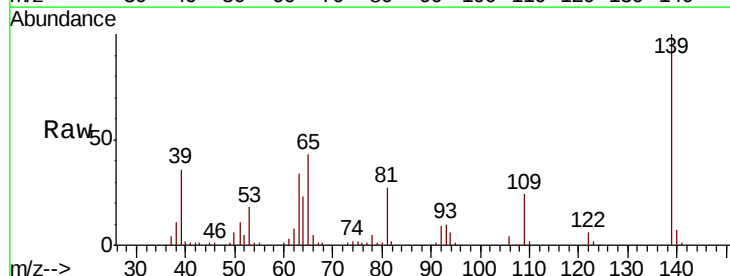
Instrument :
BNA_F
ClientSampleId :
CS-7MSD

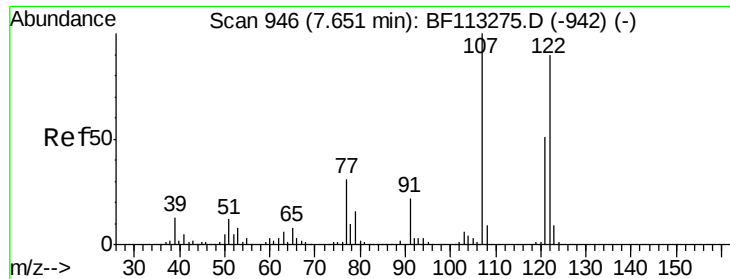
Tgt Ion: 82 Resp: 635260
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 18.9 15.2 22.8



#26
2-Nitrophenol
Concen: 37.842 ng
RT: 7.60 min Scan# 937
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion: 139 Resp: 168073
Ion Ratio Lower Upper
139 100
109 24.3 21.7 32.5
65 43.0 41.6 62.4

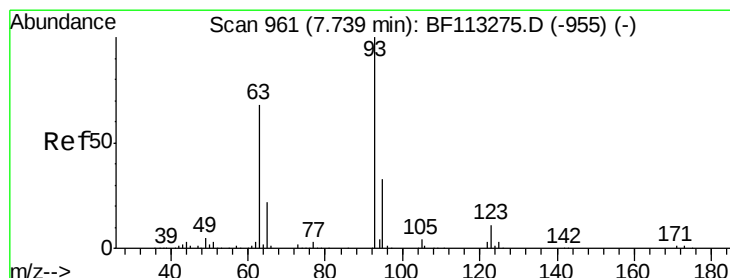
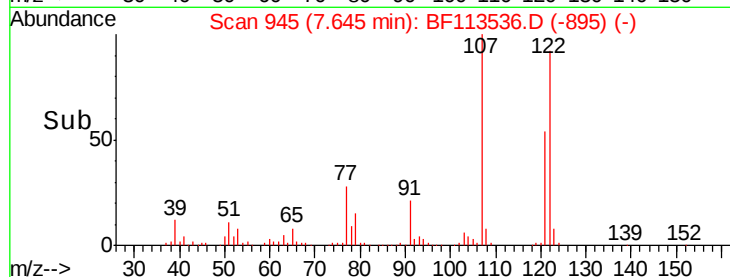
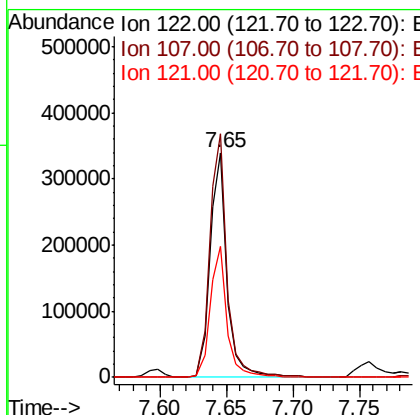
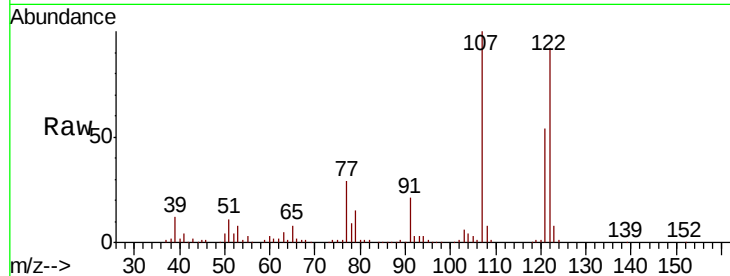




#27
 2,4-Dimethylphenol
 Concen: 47.041 ng
 RT: 7.65 min Scan# 945
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

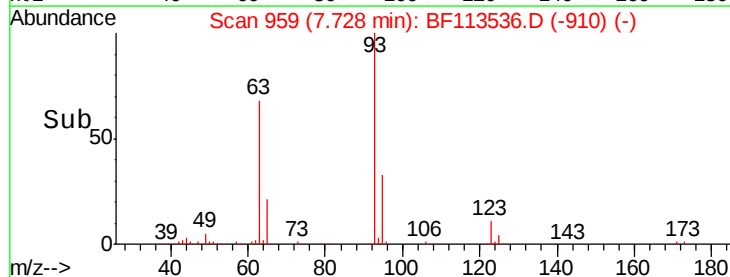
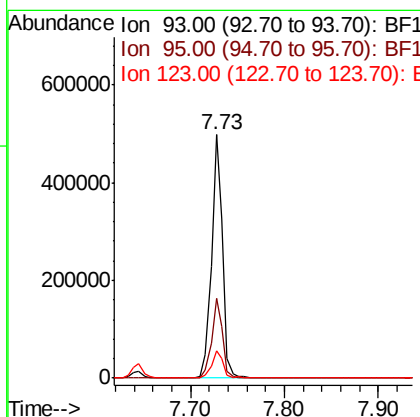
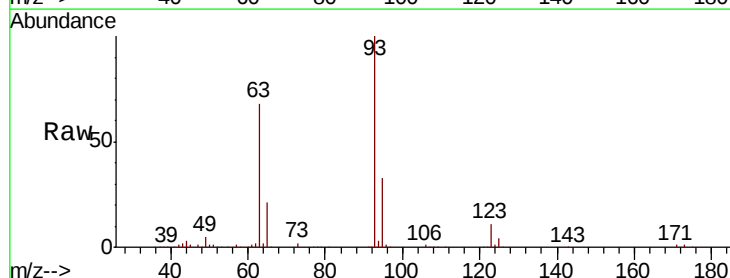
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

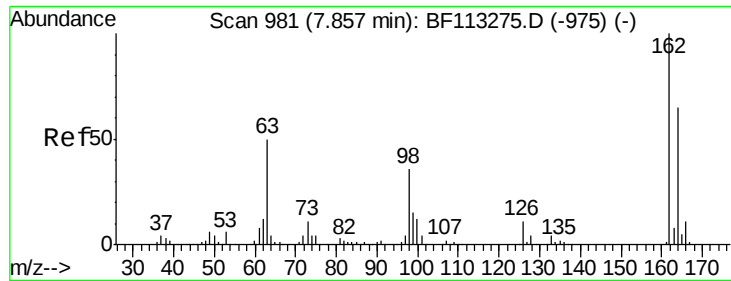
Tgt Ion:122 Resp: 300540
 Ion Ratio Lower Upper
 122 100
 107 108.4 88.8 133.2
 121 58.1 45.5 68.3



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.156 ng
 RT: 7.73 min Scan# 959
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion: 93 Resp: 414258
 Ion Ratio Lower Upper
 93 100
 95 32.7 26.0 39.0
 123 11.0 9.1 13.7

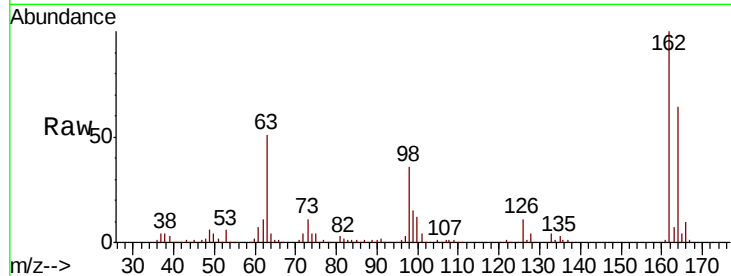




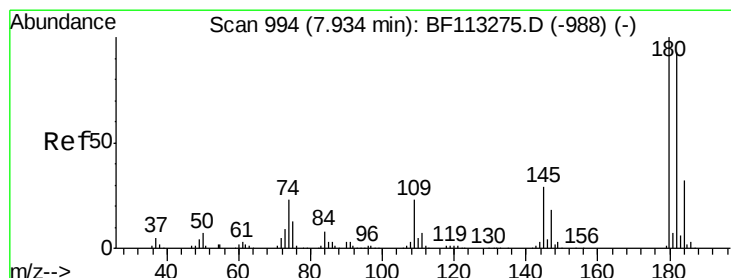
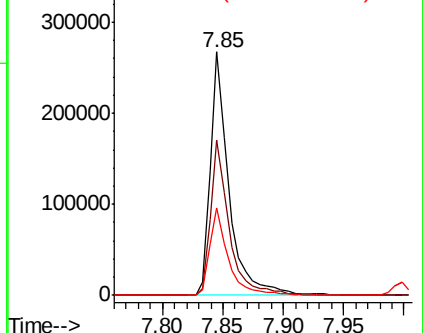
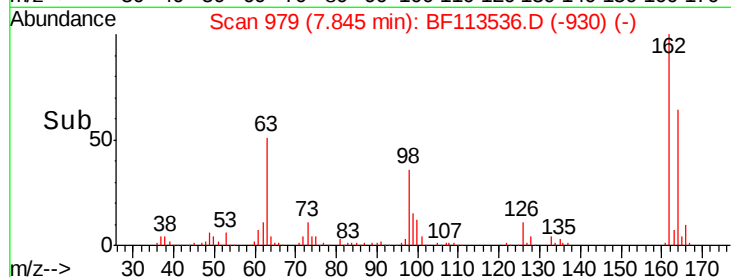
#29
 2,4-Dichlorophenol
 Concen: 41.060 ng
 RT: 7.85 min Scan# 979
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Tgt Ion	Ratio	Resp	Lower	Upper
162	100	284277		
164	63.9	44.6	84.6	
98	36.1	15.6	55.6	

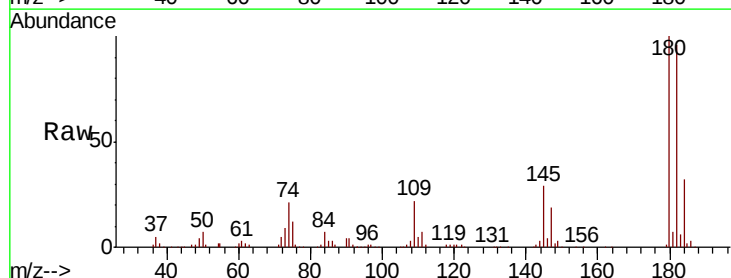


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

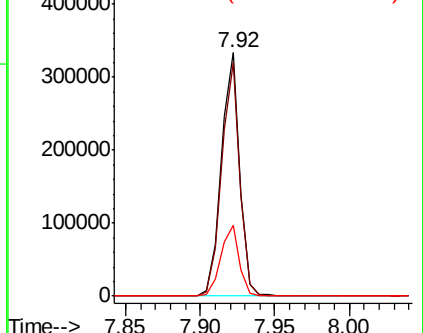
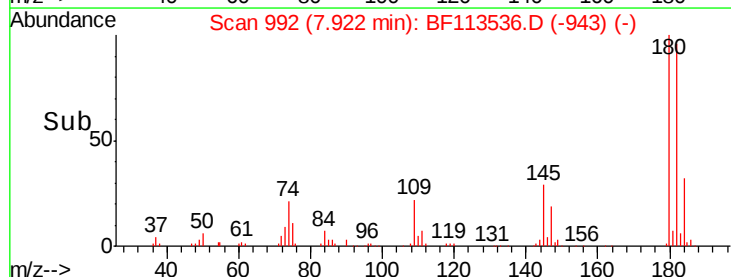


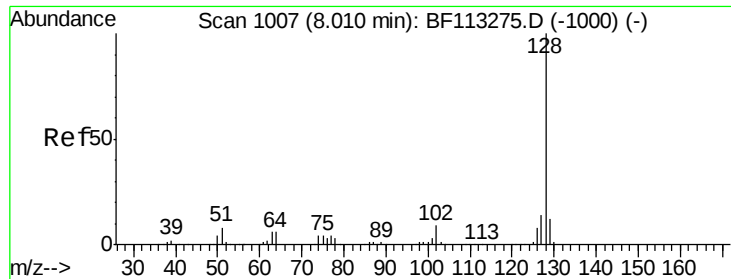
#30
 1,2,4-Trichlorobenzene
 Concen: 38.893 ng
 RT: 7.92 min Scan# 992
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	290522		
182	95.9	74.6	111.8	
145	29.2	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

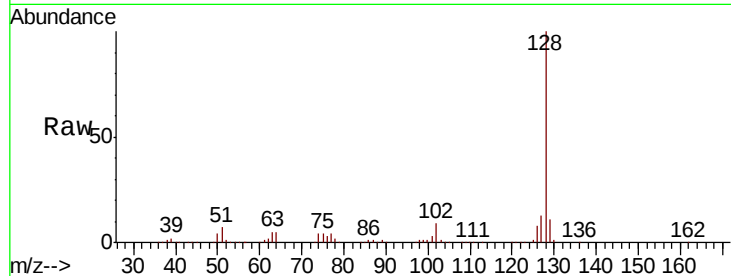




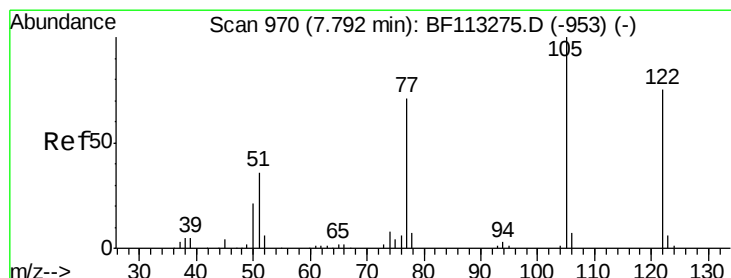
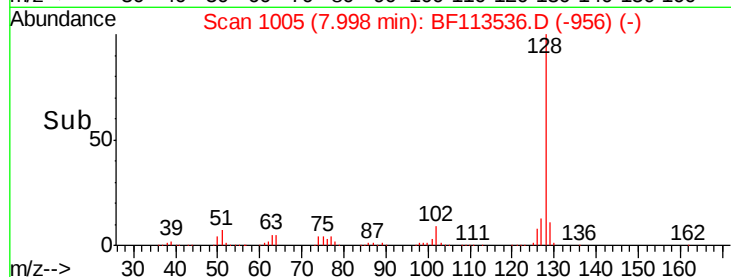
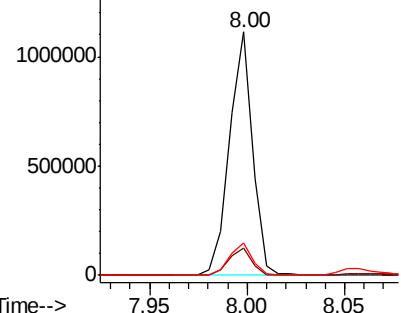
#31
Naphthalene
Concen: 39.258 ng
RT: 8.00 min Scan# 1005
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion:128 Resp: 916871
Ion Ratio Lower Upper
128 100
129 11.1 9.3 13.9
127 13.3 10.9 16.3

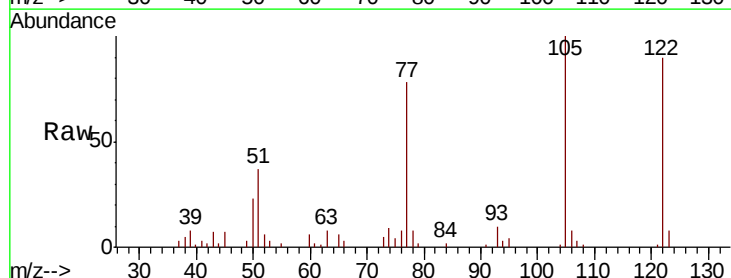


Abundance Ion 128.00 (127.70 to 128.70): E
1500000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

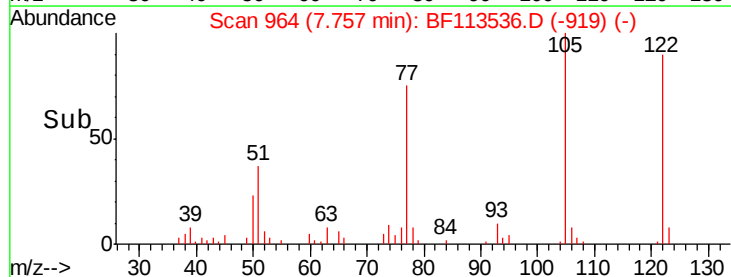
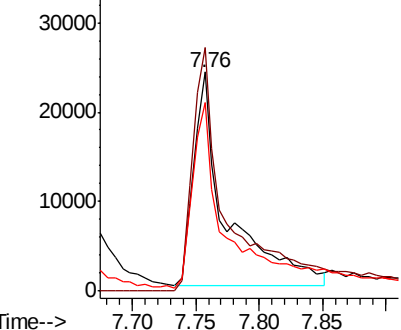


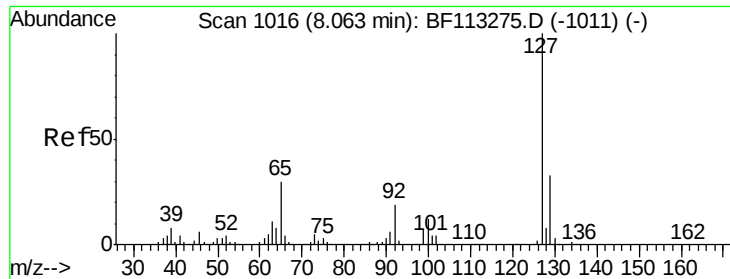
#32
Benzoic acid
Concen: 8.465 ng
RT: 7.76 min Scan# 964
Delta R.T. -0.03 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion:122 Resp: 43531
Ion Ratio Lower Upper
122 100
105 111.2 100.4 140.4
77 86.2 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

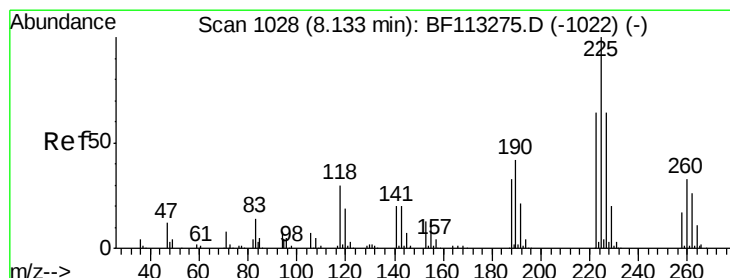
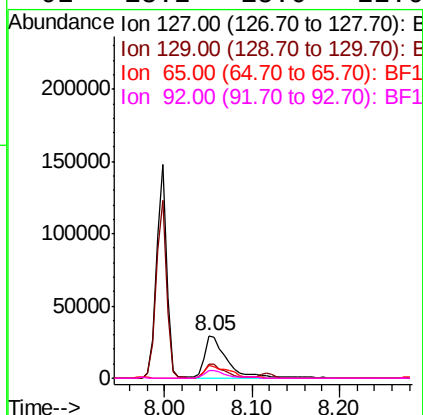
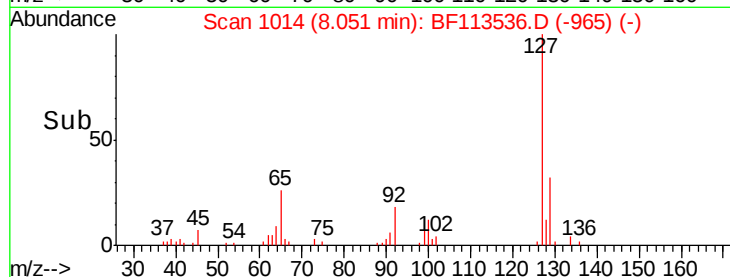
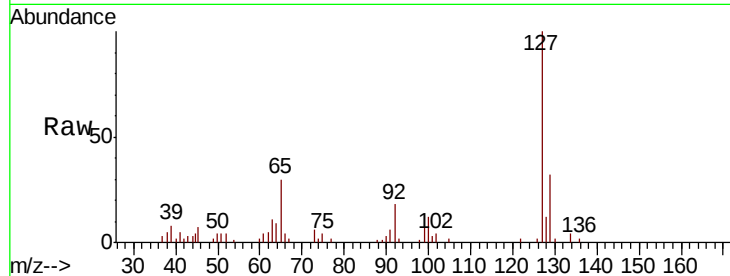




#33
 4-Chloroaniline
 Concen: 5.826 ng
 RT: 8.05 min Scan# 1014
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

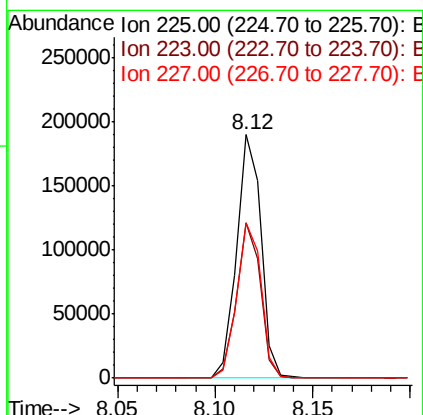
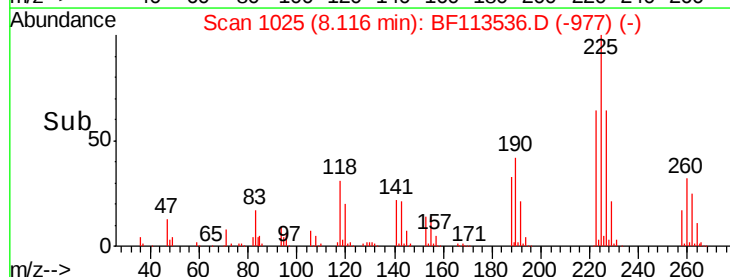
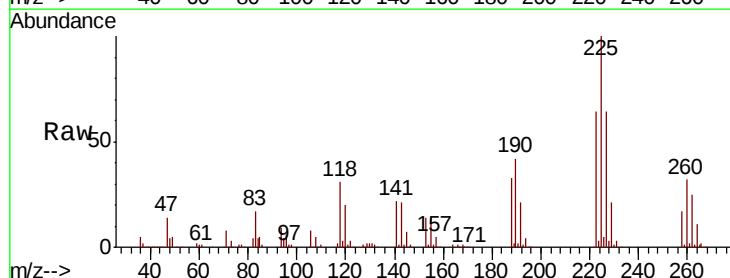
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

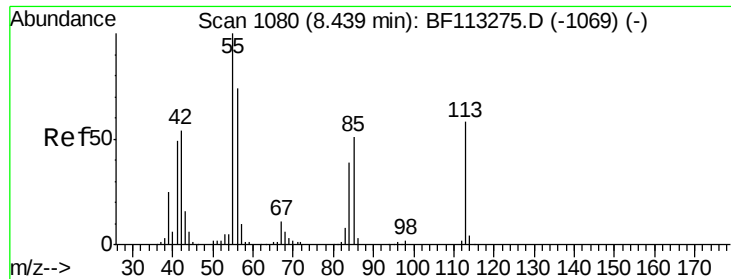
Tgt Ion:	127	Resp:	53055
Ion	Ratio	Lower	Upper
127	100		
129	32.2	26.3	39.5
65	29.5	24.2	36.4
92	18.2	15.0	22.6



#34
 Hexachlorobutadiene
 Concen: 37.071 ng
 RT: 8.12 min Scan# 1025
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion:	225	Resp:	164583
Ion	Ratio	Lower	Upper
225	100		
223	63.8	51.4	77.2
227	63.8	51.1	76.7

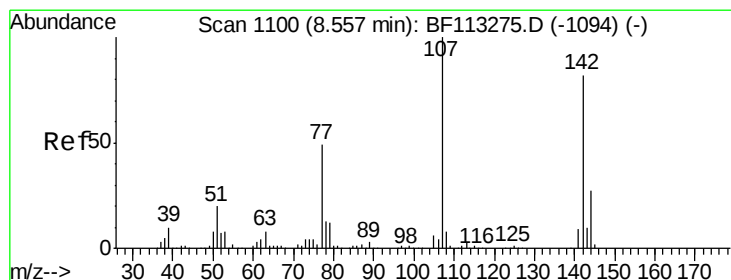
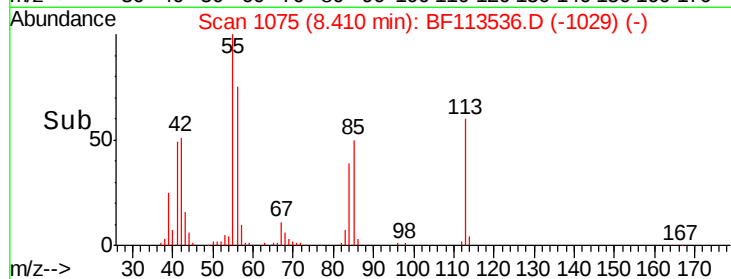
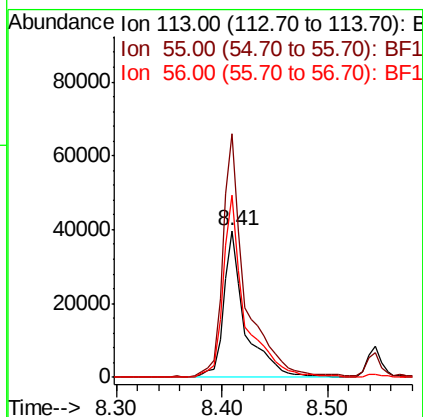
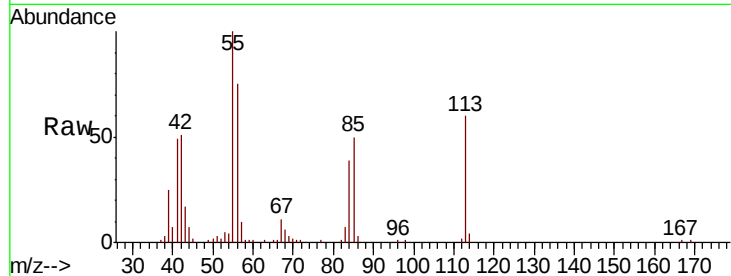




#35
 Caprolactam
 Concen: 25.053 ng
 RT: 8.41 min Scan# 1075
 Delta R.T. -0.03 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

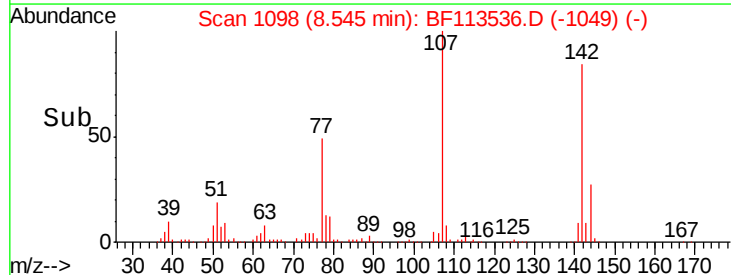
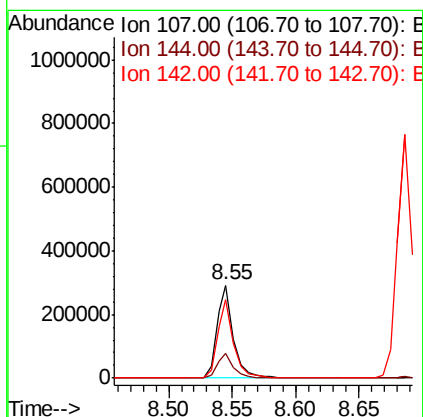
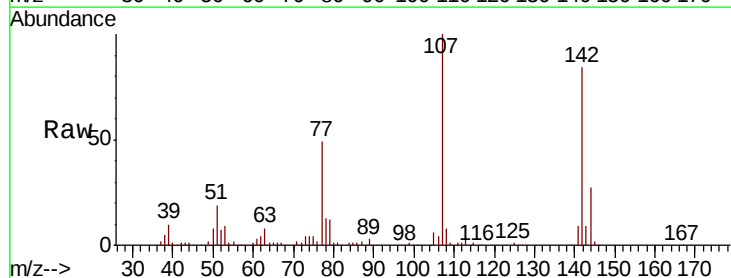
Instrument :
 BNA_F
 ClientSampled :
 CS-7MSD

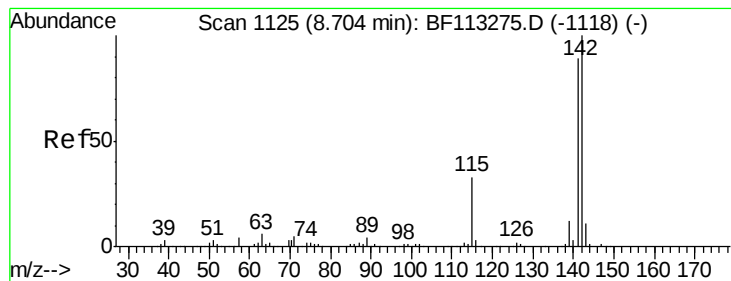
Tgt Ion:113 Resp: 55668
 Ion Ratio Lower Upper
 113 100
 55 165.7 152.7 192.7
 56 123.6 108.3 148.3



#36
 4-Chloro-3-methylphenol
 Concen: 38.257 ng
 RT: 8.55 min Scan# 1098
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion:107 Resp: 266412
 Ion Ratio Lower Upper
 107 100
 144 27.2 21.4 32.0
 142 84.4 65.6 98.4





#37

2-Methylnaphthalene

Concen: 41.984 ng

RT: 8.69 min Scan# 1122

Delta R.T. -0.02 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

CS-7MSD

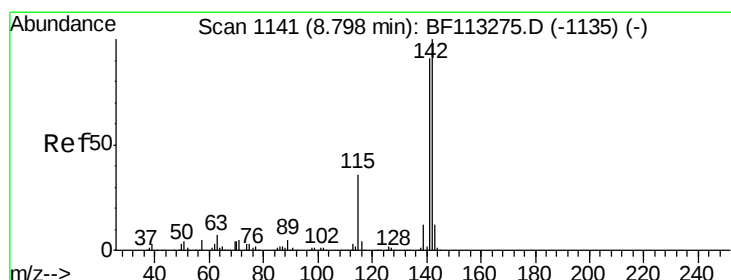
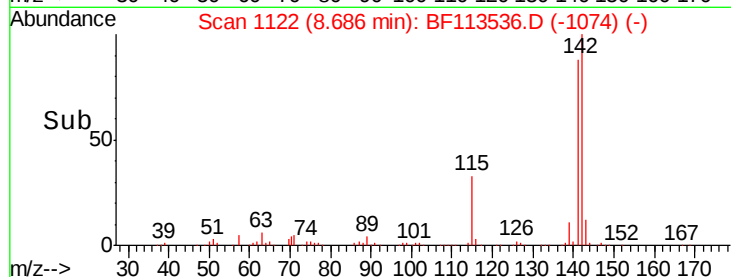
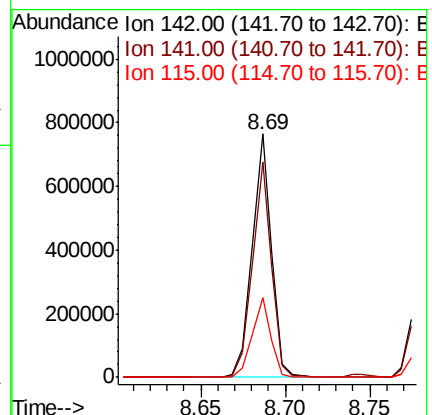
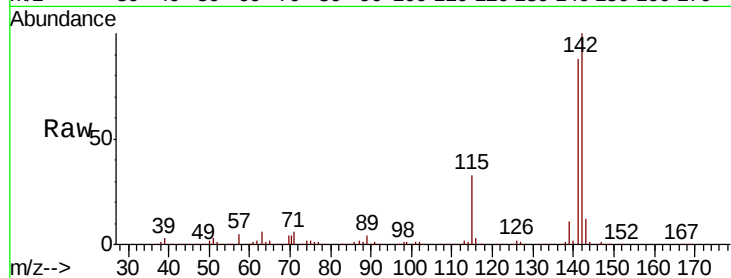
Tgt Ion:142 Resp: 611826

Ion Ratio Lower Upper

142 100

141 88.4 71.0 106.6

115 32.6 26.6 39.8



#38

1-Methylnaphthalene

Concen: 40.927 ng

RT: 8.79 min Scan# 1139

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

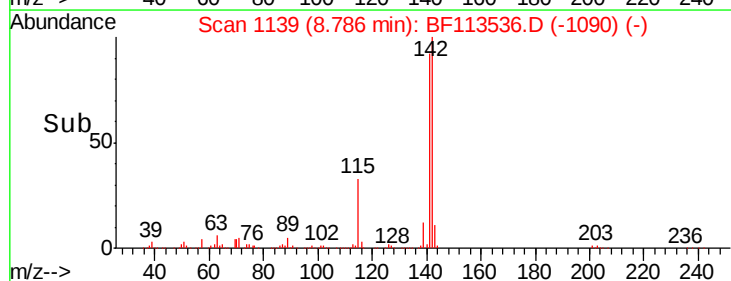
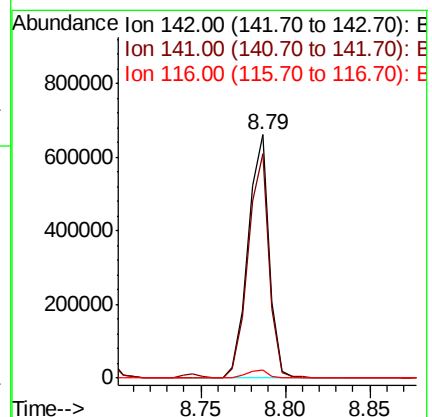
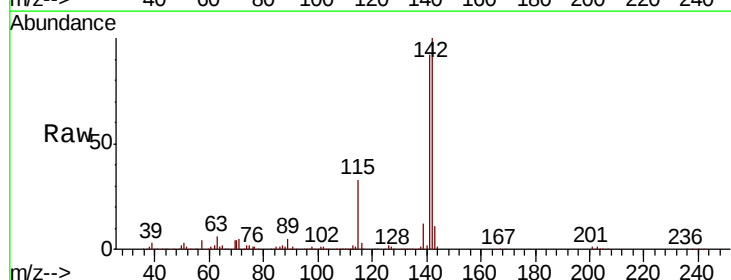
Tgt Ion:142 Resp: 573672

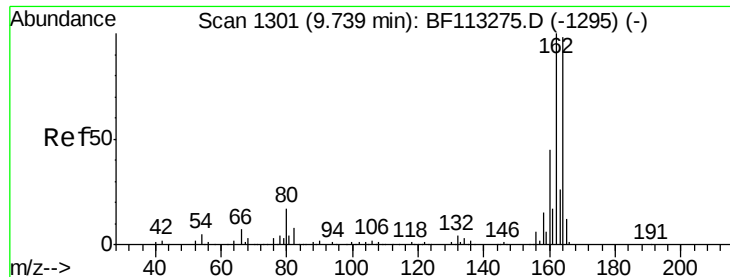
Ion Ratio Lower Upper

142 100

141 92.1 73.2 109.8

116 3.3 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: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

CS-7MSD

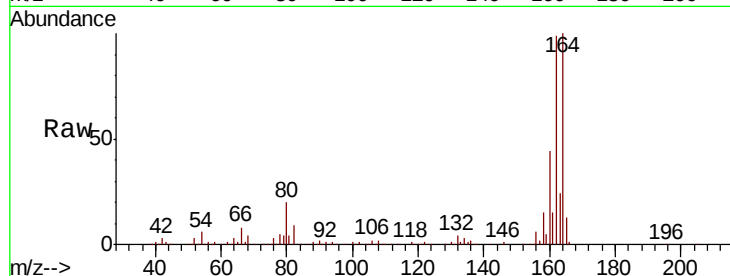
Tgt Ion:164 Resp: 199433

Ion Ratio Lower Upper

164 100

162 99.1 81.8 122.6

160 44.3 36.4 54.6

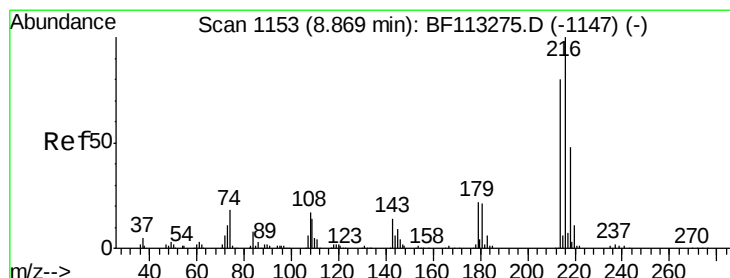
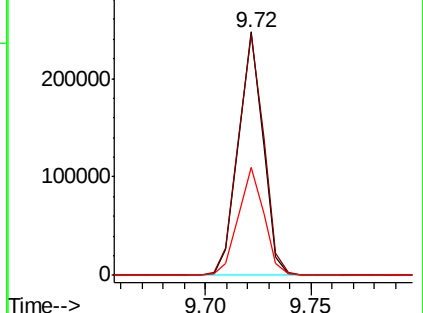
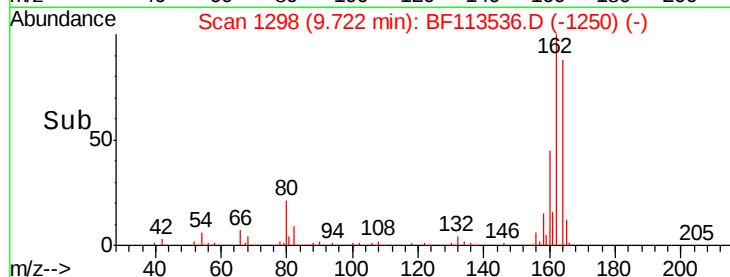


Abundance

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: 45.687 ng

RT: 8.86 min Scan# 1151

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Tgt Ion:216 Resp: 292479

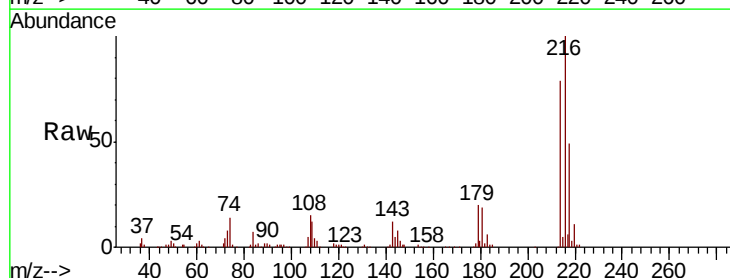
Ion Ratio Lower Upper

216 100

214 78.8 63.0 94.6

179 20.2 16.8 25.2

108 15.9 13.8 20.6



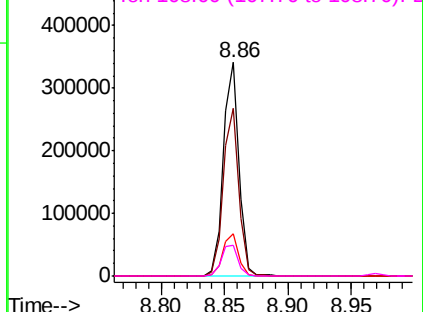
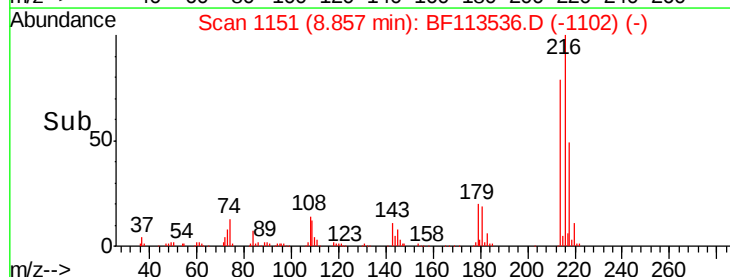
Abundance

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: 5.333 ng

RT: 8.84 min Scan# 1148

Delta R.T. -0.02 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

CS-7MSD

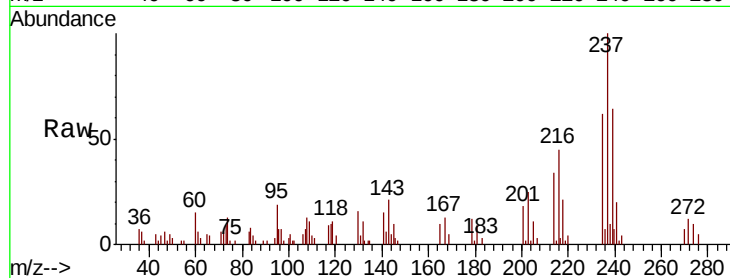
Tgt Ion: 237 Resp: 14451

Ion Ratio Lower Upper

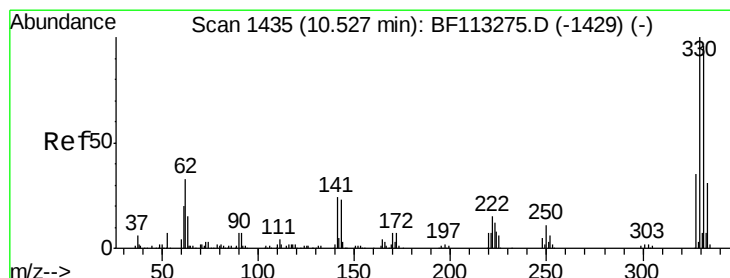
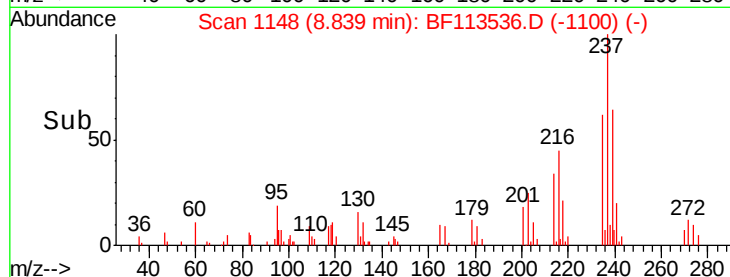
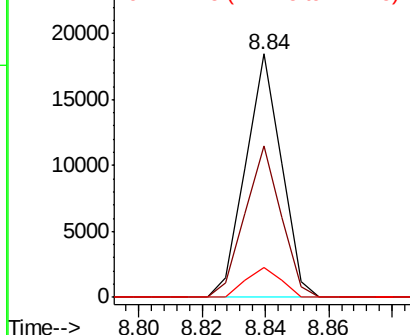
237 100

235 62.1 43.4 83.4

272 12.4 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: 111.247 ng

RT: 10.52 min Scan# 1433

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

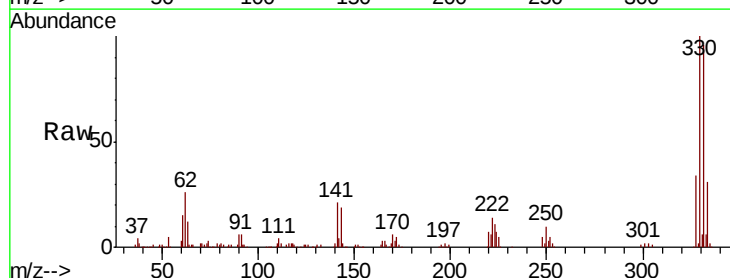
Tgt Ion: 330 Resp: 274052

Ion Ratio Lower Upper

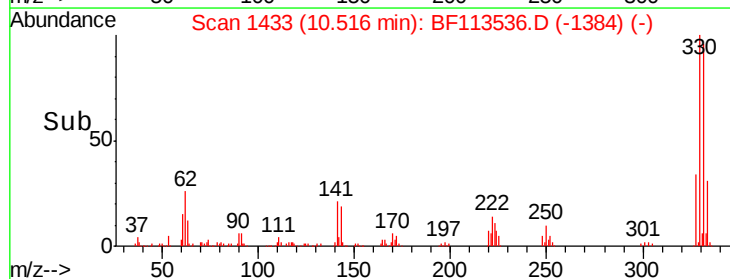
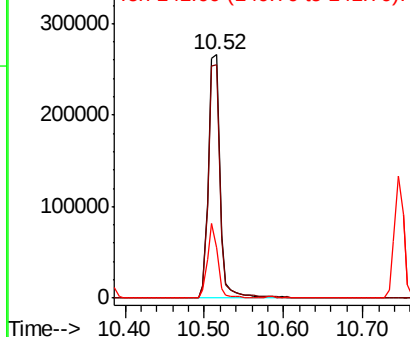
330 100

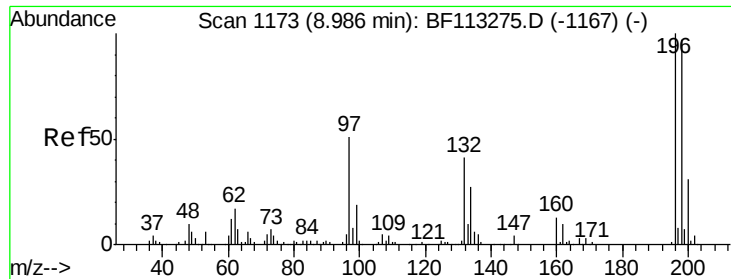
332 95.8 77.8 116.6

141 26.9 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

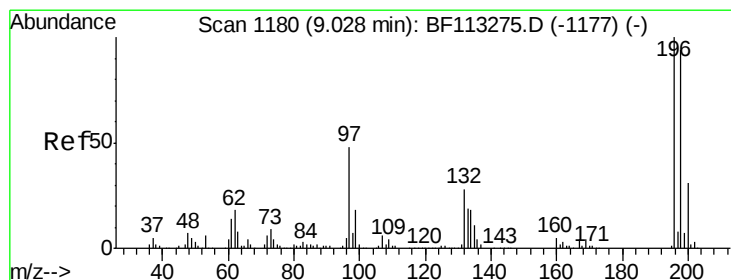
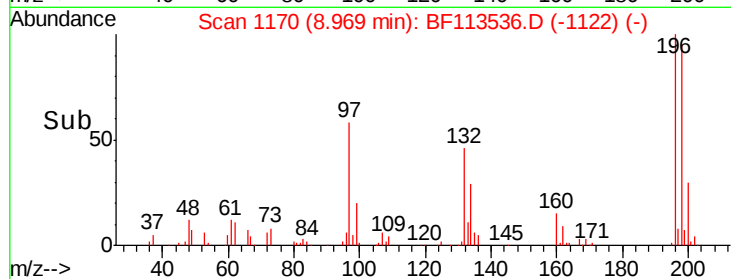
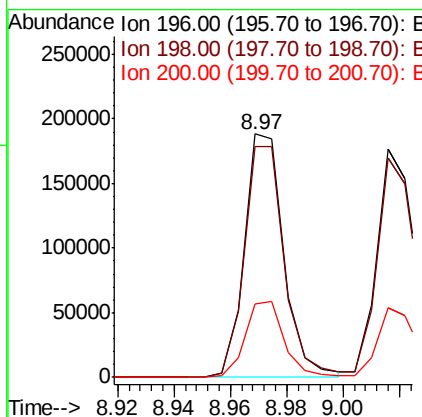
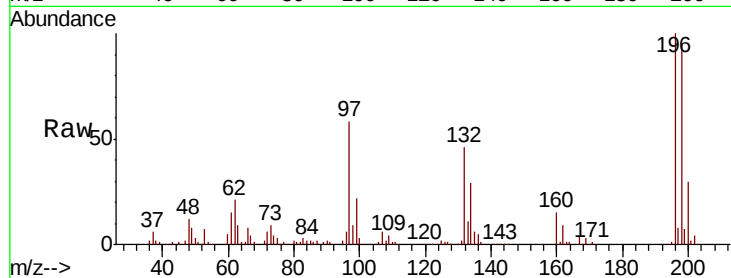




#43
 2,4,6-Trichlorophenol
 Concen: 43.674 ng
 RT: 8.97 min Scan# 1170
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

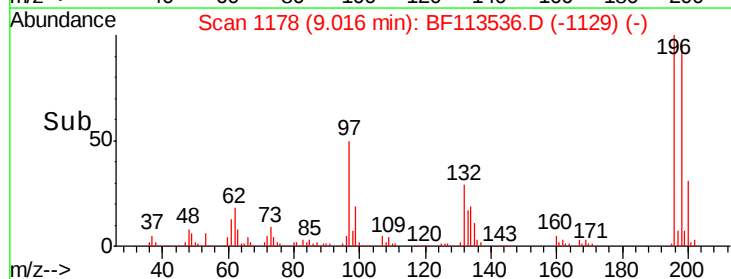
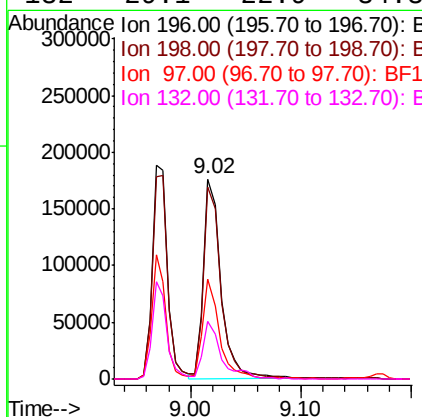
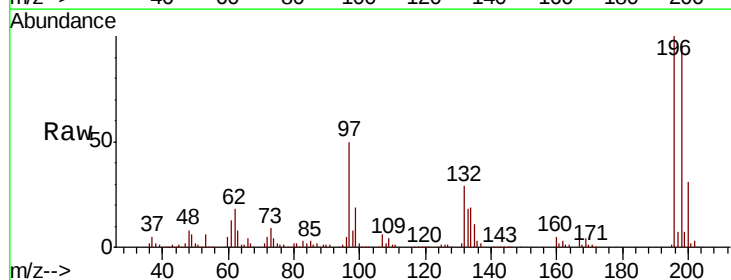
Instrument :
 BNA_F
 ClientSampled :
 CS-7MSD

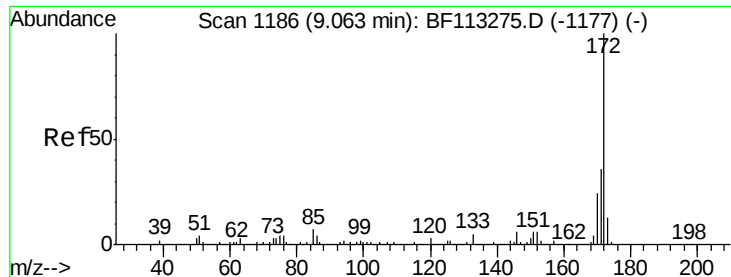
Tgt Ion	Ratio	Lower	Upper
196	100		
198	94.6	77.7	116.5
200	30.0	24.9	37.3



#44
 2,4,5-Trichlorophenol
 Concen: 41.084 ng
 RT: 9.02 min Scan# 1178
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.9	75.4	113.2
97	49.8	38.6	58.0
132	29.1	22.9	34.3

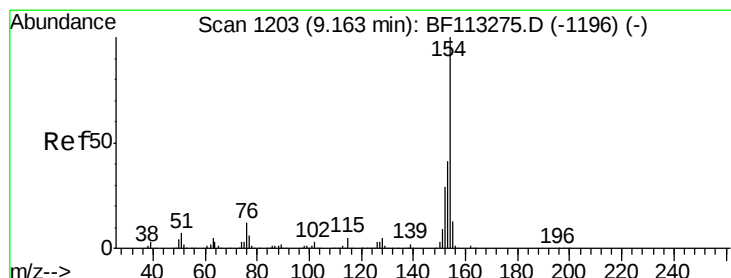
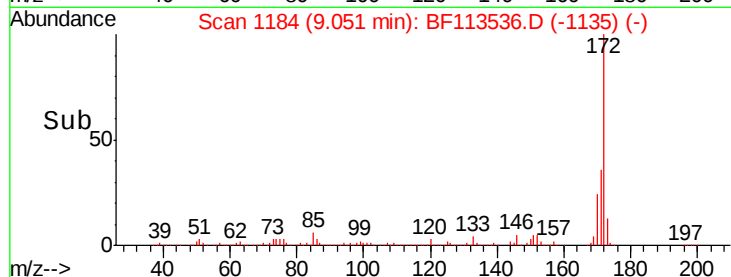
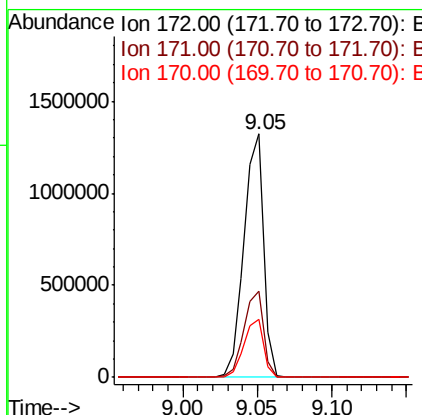
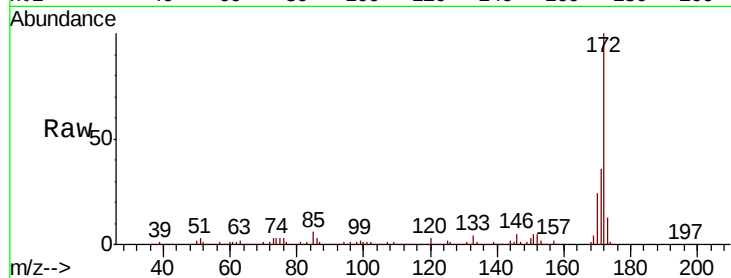




#45
 2-Fluorobiphenyl
 Concen: 98.143 ng
 RT: 9.05 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

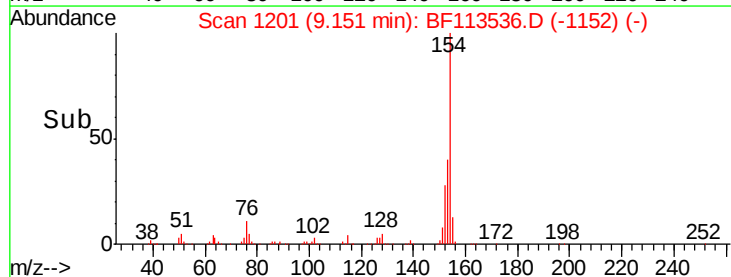
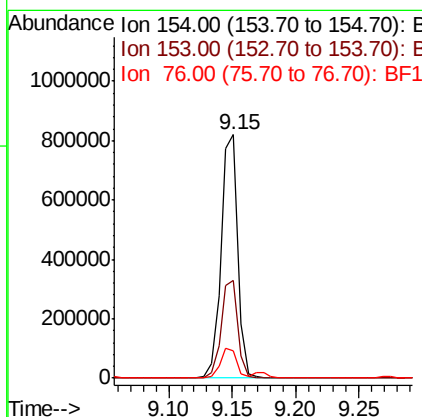
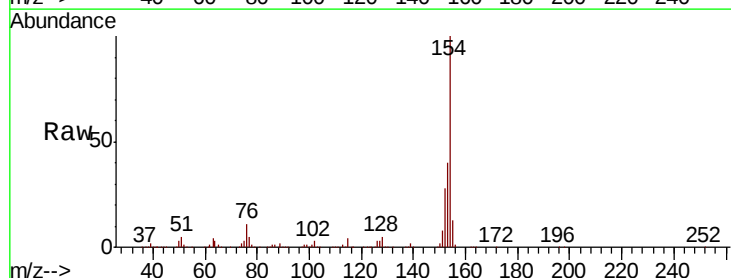
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

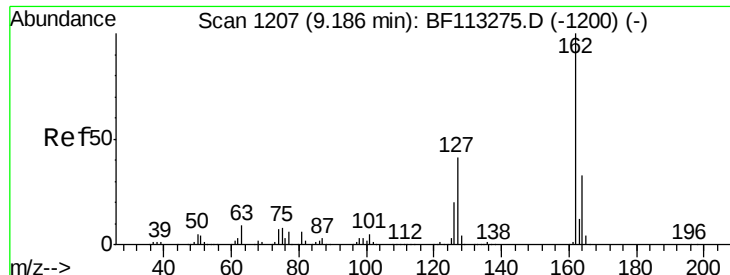
Tgt Ion:172 Resp: 1214090
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.0 43.6
 170 24.1 19.5 29.3



#46
 1,1'-Biphenyl
 Concen: 45.232 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion:154 Resp: 753405
 Ion Ratio Lower Upper
 154 100
 153 40.0 20.8 60.8
 76 11.1 0.0 31.9

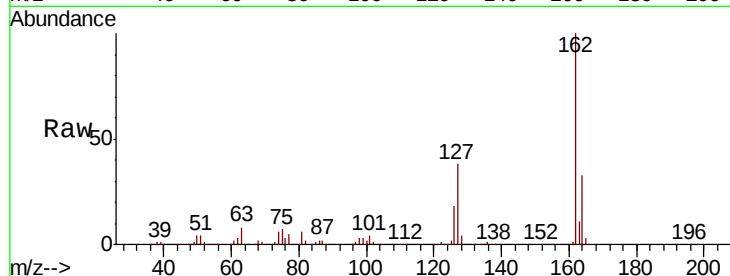




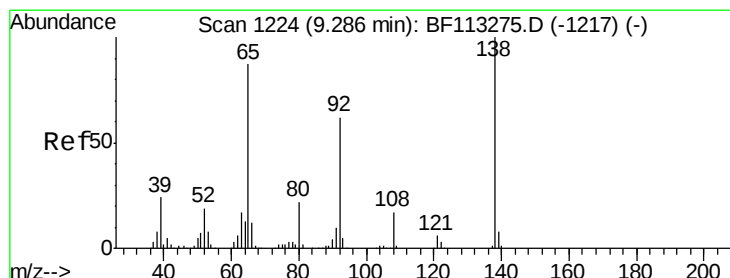
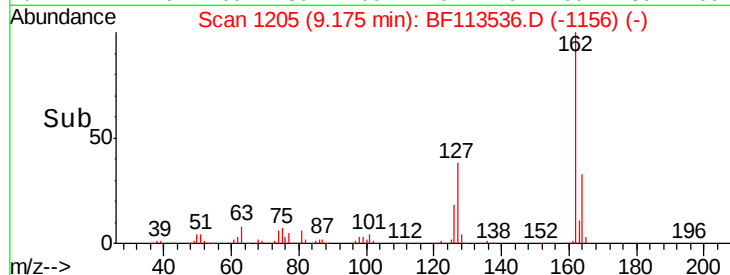
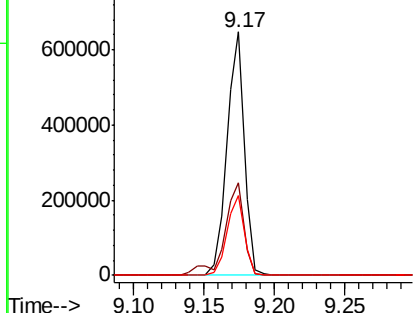
#47
 2-Chloronaphthalene
 Concen: 42.908 ng
 RT: 9.17 min Scan# 1205
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Tgt Ion	Ratio	Lower	Upper
162	100		
127	38.1	32.6	49.0
164	32.9	26.6	39.8

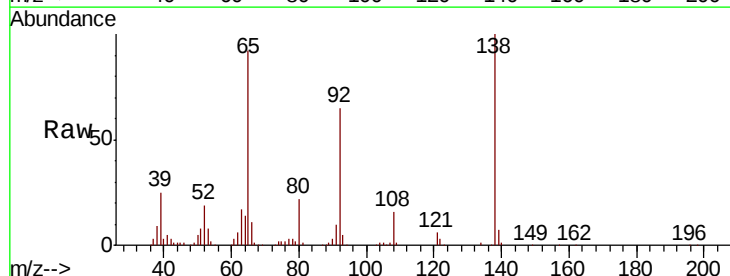


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

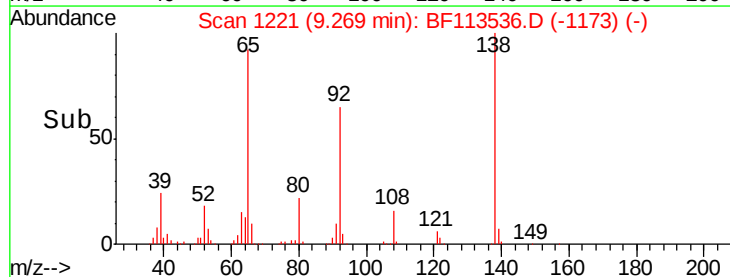
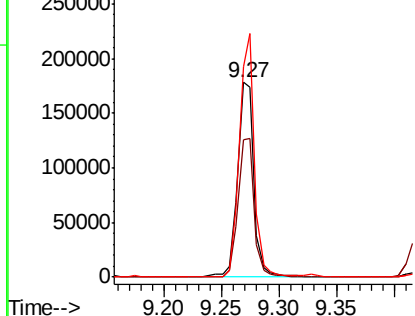


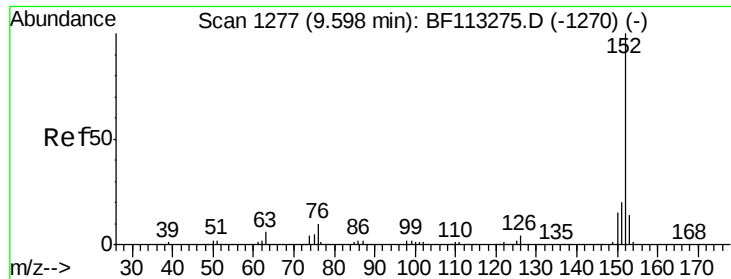
#48
 2-Nitroaniline
 Concen: 43.733 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.7	56.8	85.2
138	108.5	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: 41.452 ng

RT: 9.59 min Scan# 1275

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

CS-7MSD

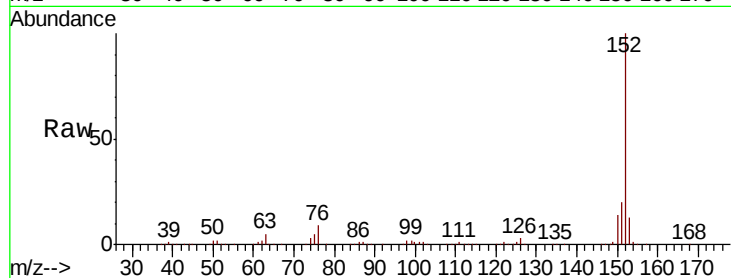
Tgt Ion:152 Resp: 859569

Ion Ratio Lower Upper

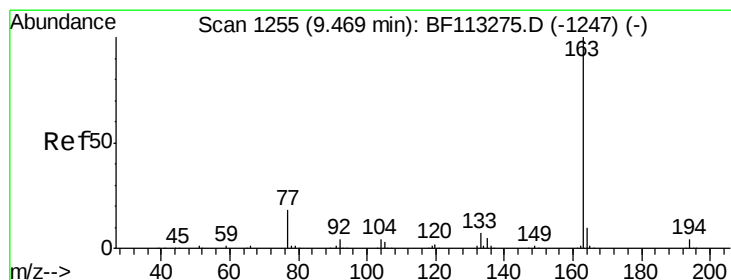
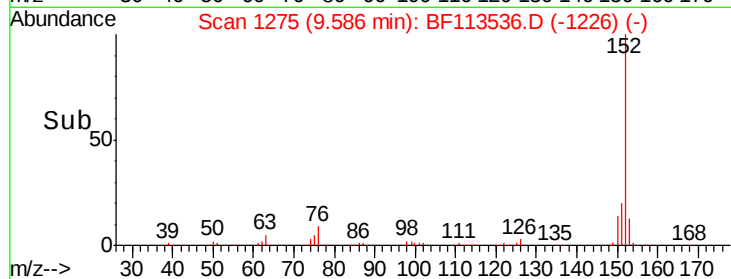
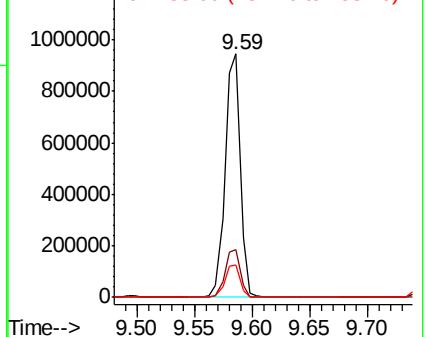
152 100

151 19.9 16.2 24.4

153 13.1 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: 44.873 ng

RT: 9.45 min Scan# 1251

Delta R.T. -0.02 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

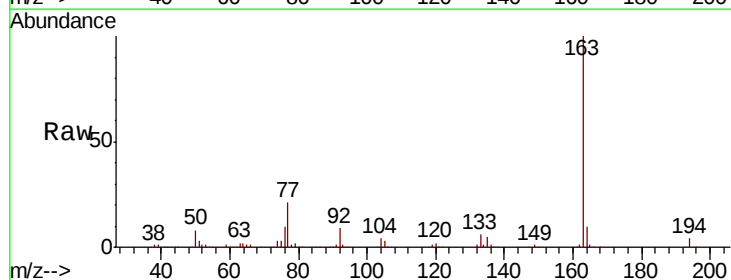
Tgt Ion:163 Resp: 663201

Ion Ratio Lower Upper

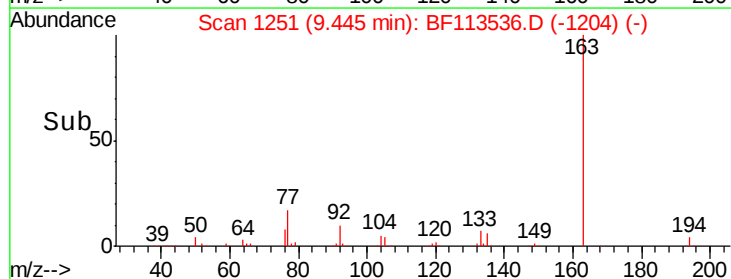
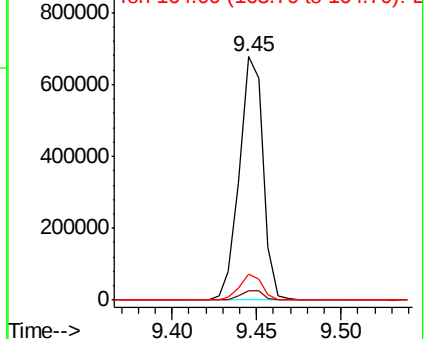
163 100

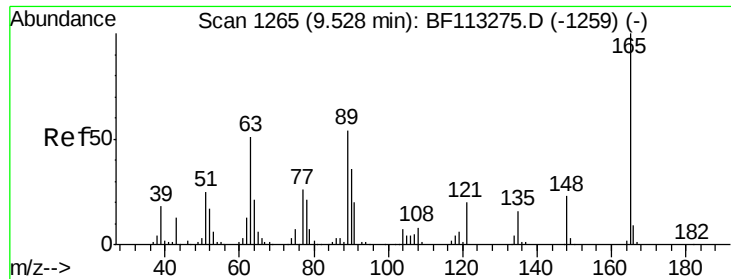
194 3.7 3.0 4.6

164 10.5 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: 40.336 ng

RT: 9.52 min Scan# 1263

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

CS-7MSD

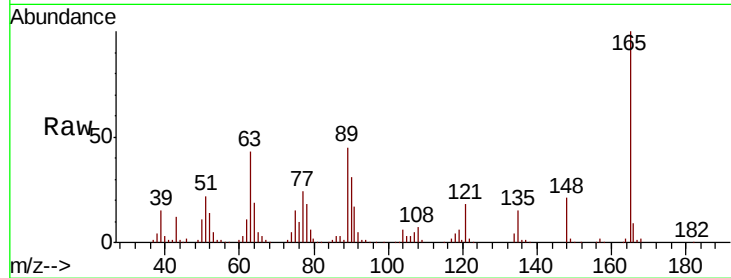
Tgt Ion:165 Resp: 134489

Ion Ratio Lower Upper

165 100

63 43.1 43.4 65.0#

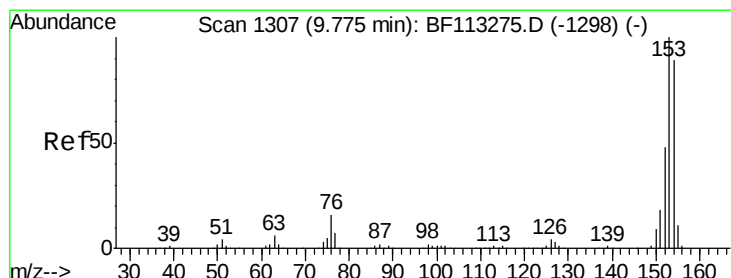
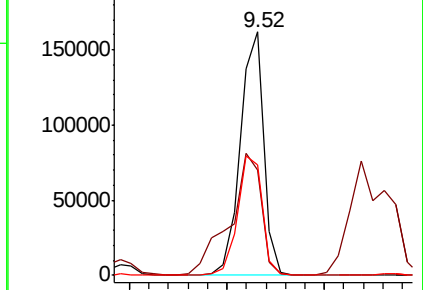
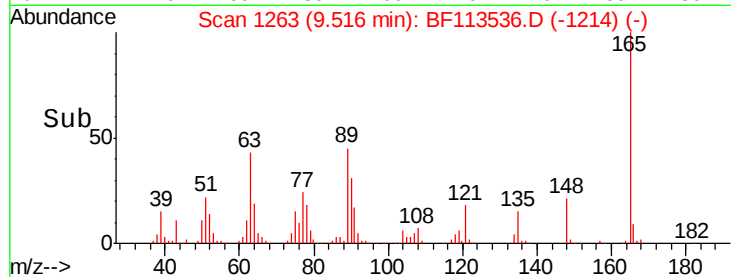
89 45.2 43.1 64.7



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 89.00 (88.70 to 89.70): BF1



#52

Acenaphthene

Concen: 42.550 ng

RT: 9.76 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

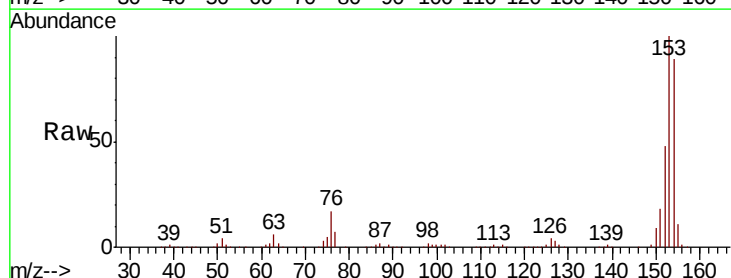
Tgt Ion:154 Resp: 496886

Ion Ratio Lower Upper

154 100

153 112.2 89.5 134.3

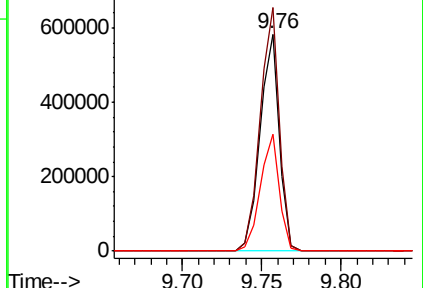
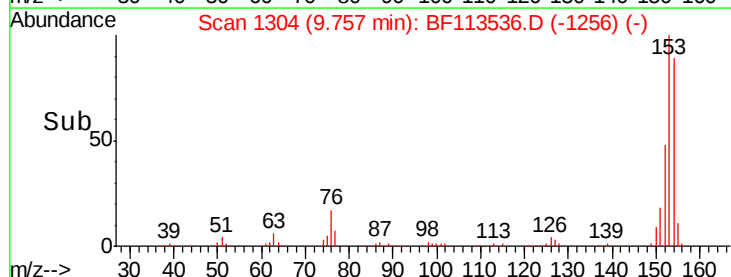
152 53.8 43.3 64.9

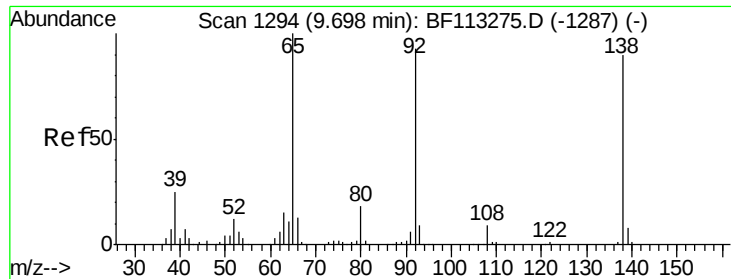


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

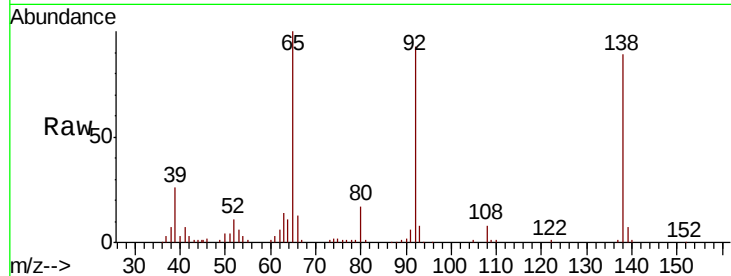




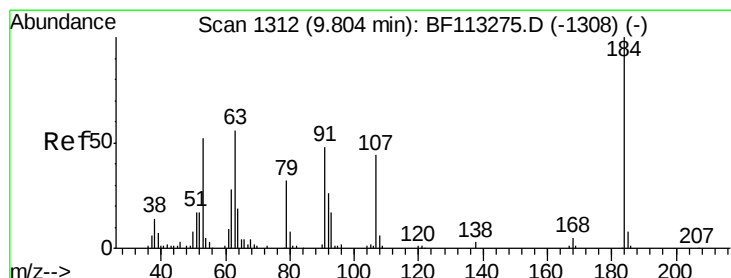
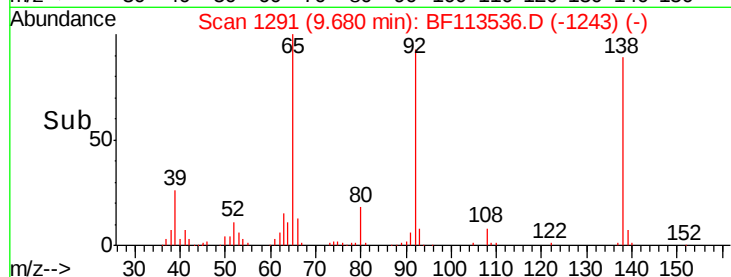
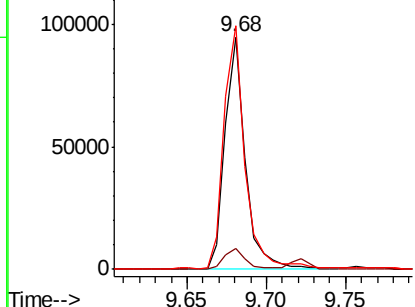
#53
3-Nitroaniline
Concen: 22.592 ng
RT: 9.68 min Scan# 1291
Delta R.T. -0.02 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion:138 Resp: 84949
Ion Ratio Lower Upper
138 100
108 9.2 7.8 11.6
92 104.9 82.6 124.0

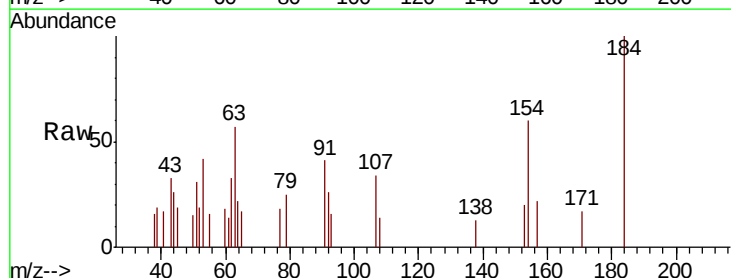


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

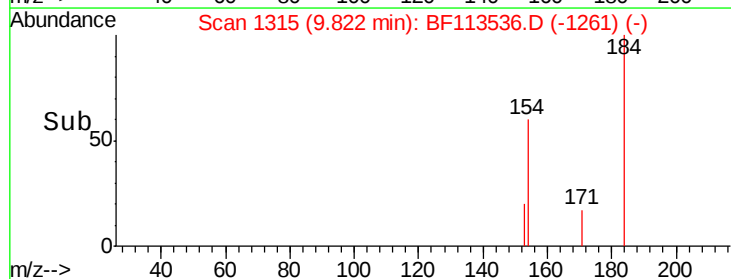
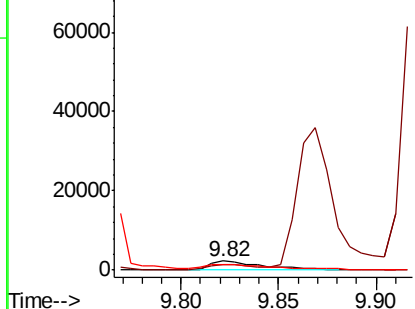


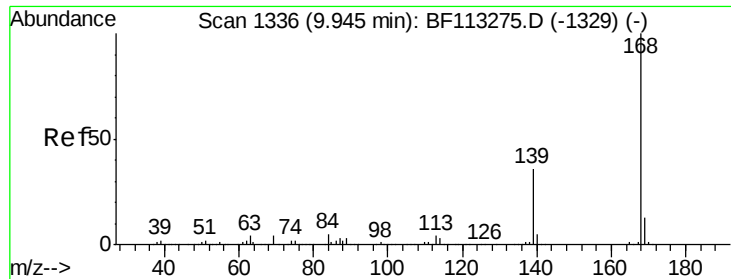
#54
2,4-Dinitrophenol
Concen: 2.639 ng
RT: 9.82 min Scan# 1315
Delta R.T. 0.02 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion:184 Resp: 4376
Ion Ratio Lower Upper
184 100
63 57.0 54.3 81.5
154 60.0 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

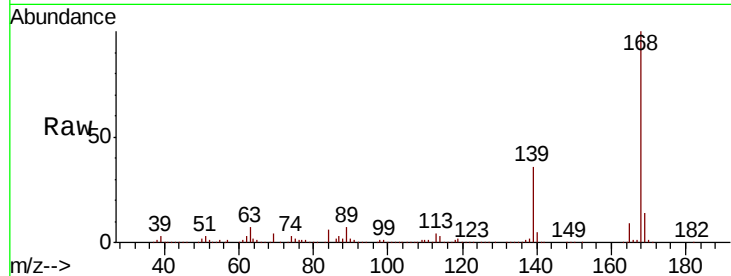




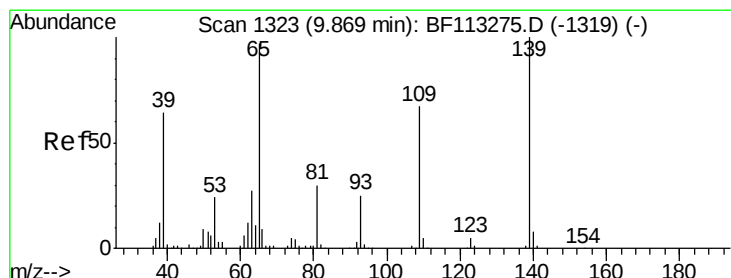
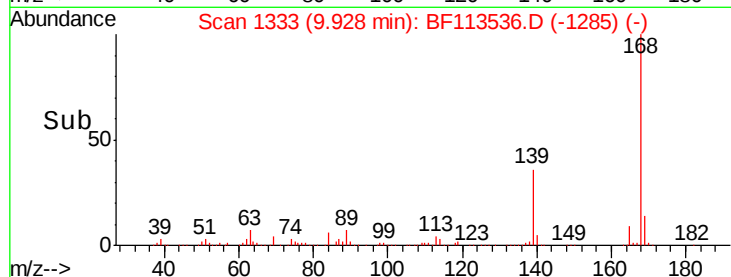
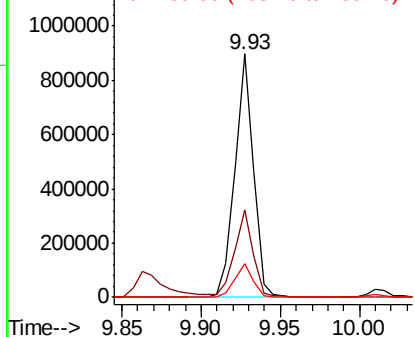
#55
Dibenzenofuran
Concen: 41.650 ng
RT: 9.93 min Scan# 1333
Delta R.T. -0.02 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion:168 Resp: 731192
Ion Ratio Lower Upper
168 100
139 35.9 29.7 44.5
169 13.8 10.7 16.1

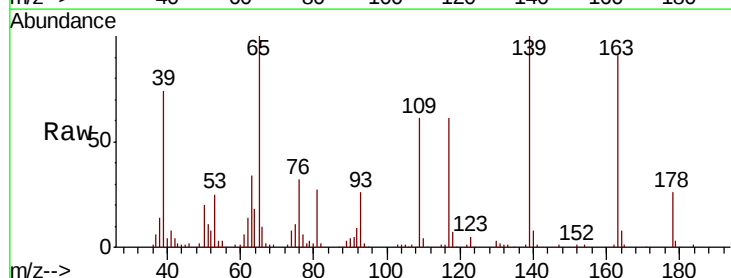


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

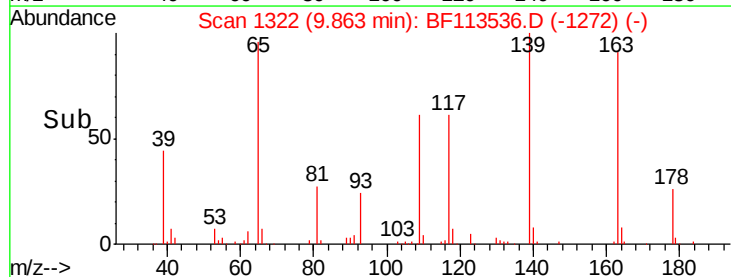
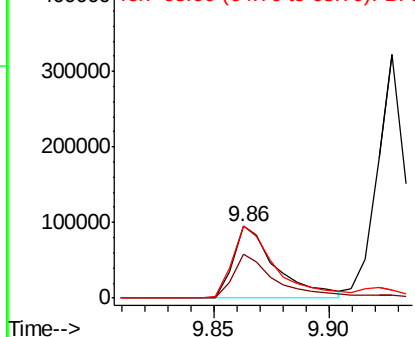


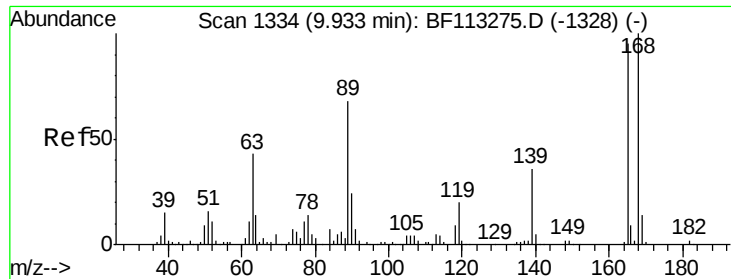
#56
4-Nitrophenol
Concen: 46.163 ng
RT: 9.86 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion:139 Resp: 123749
Ion Ratio Lower Upper
139 100
109 61.0 46.9 86.9
65 99.7 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

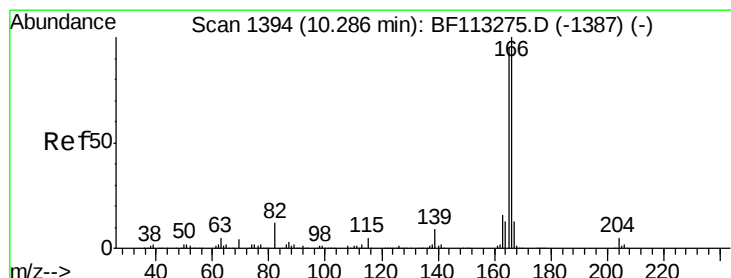
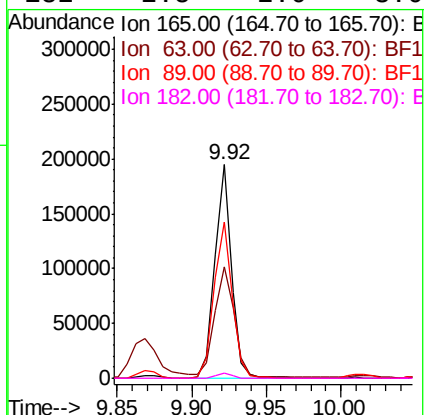
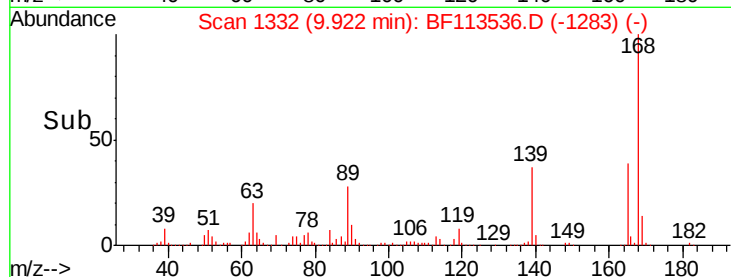
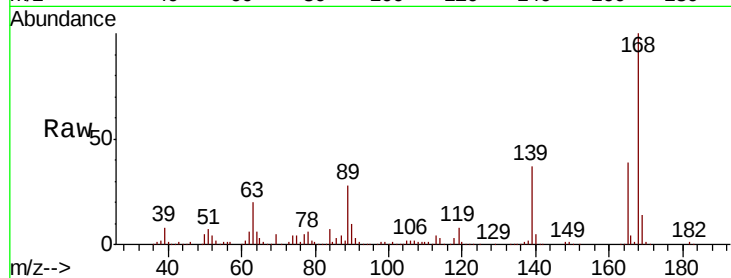




#57
2,4-Dinitrotoluene
Concen: 35.743 ng
RT: 9.92 min Scan# 1332
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

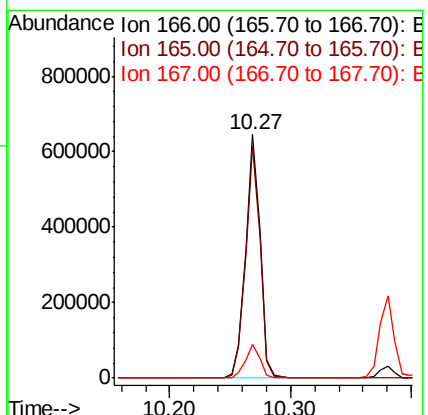
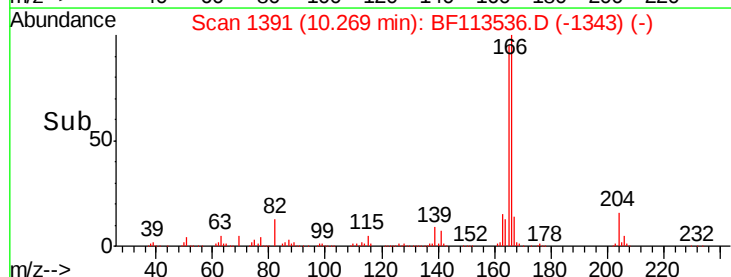
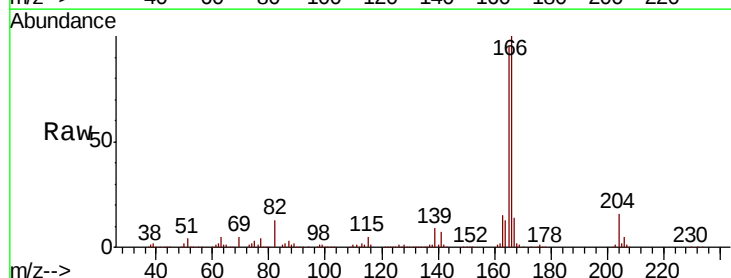
Instrument :
BNA_F
ClientSampleId :
CS-7MSD

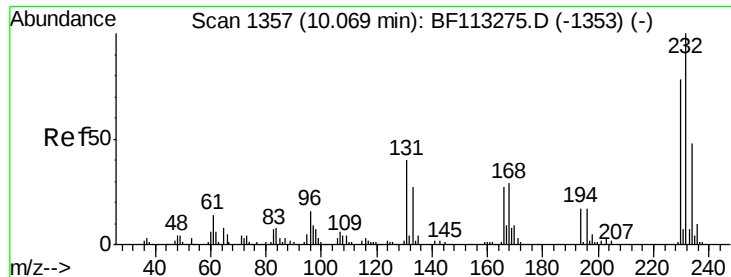
Tgt Ion:	165	Resp:	151557
Ion	Ratio	Lower	Upper
165	100		
63	52.0	37.5	56.3
89	73.1	57.4	86.2
182	2.5	2.0	3.0



#58
Fluorene
Concen: 39.972 ng
RT: 10.27 min Scan# 1391
Delta R.T. -0.02 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion:	166	Resp:	545141
Ion	Ratio	Lower	Upper
166	100		
165	95.1	76.2	114.2
167	13.7	10.7	16.1

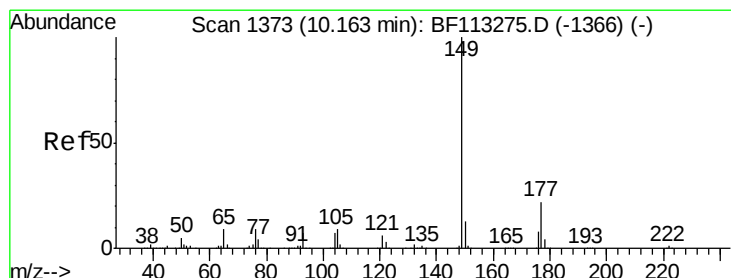
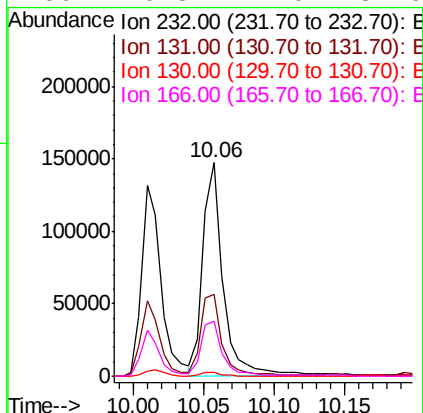
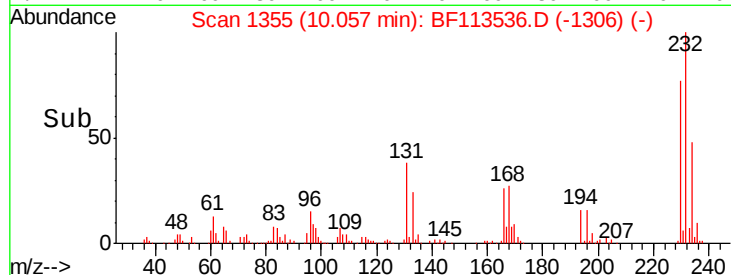
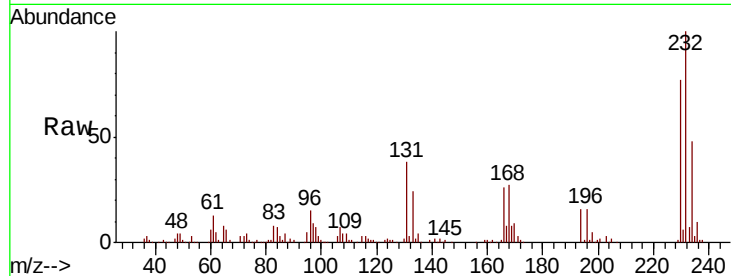




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.518 ng
 RT: 10.06 min Scan# 1355
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

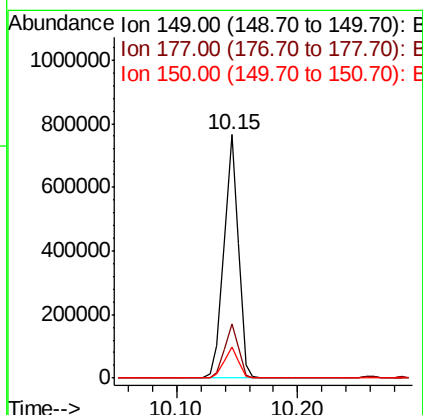
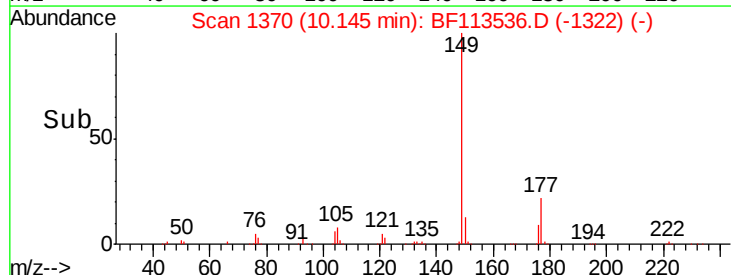
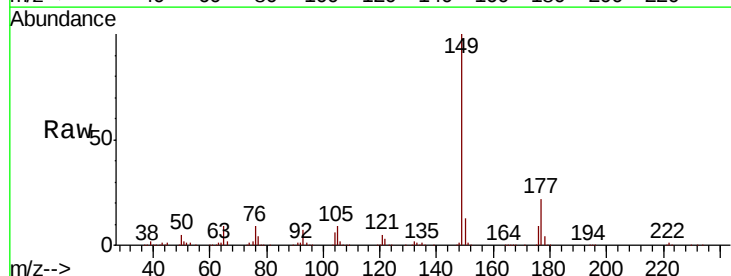
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

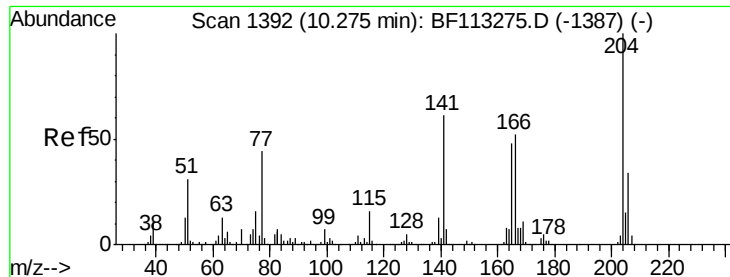
Tgt Ion:	232	Resp:	146374
Ion	Ratio	Lower	Upper
232	100		
131	40.0	33.2	49.8
130	1.8	1.6	2.4
166	26.8	21.0	31.6



#60
 Diethylphthalate
 Concen: 43.495 ng
 RT: 10.15 min Scan# 1370
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion:	149	Resp:	630618
Ion	Ratio	Lower	Upper
149	100		
177	22.3	17.4	26.0
150	12.6	10.0	15.0

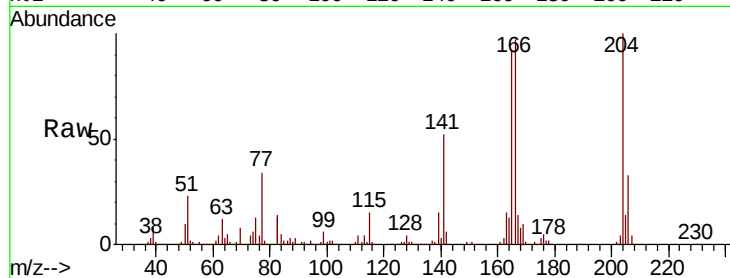




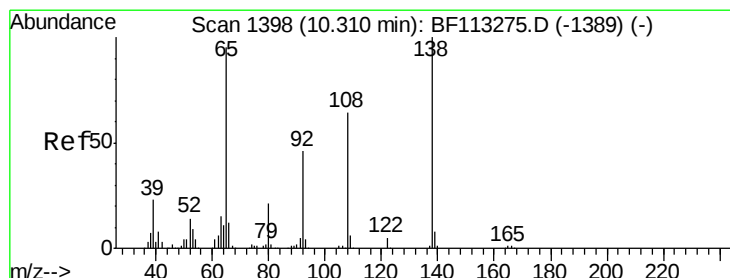
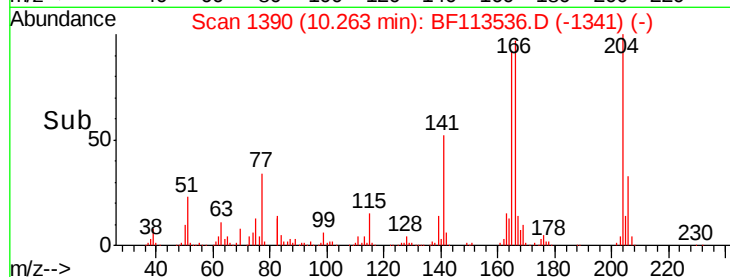
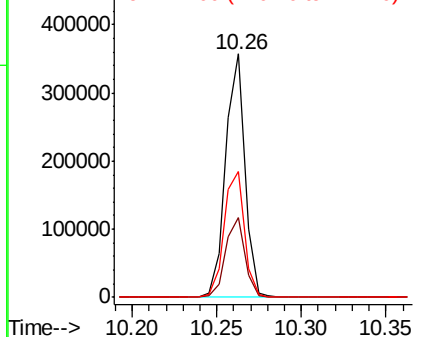
#61
4-Chlorophenyl-phenylether
Concen: 42.705 ng
RT: 10.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampled :
CS-7MSD

Tgt Ion: 204 Resp: 283856
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 51.7 48.8 73.2

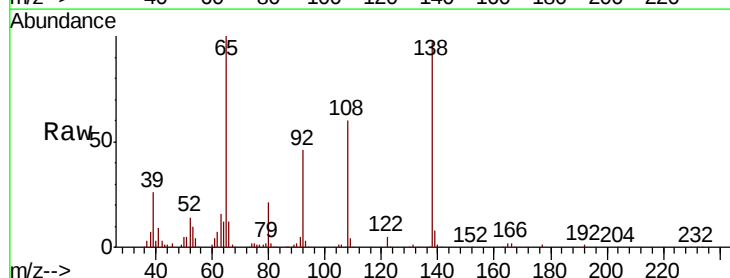


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

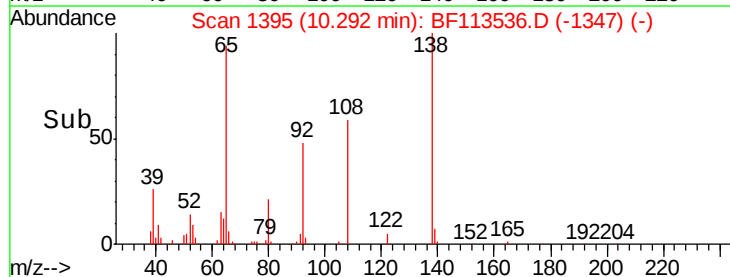
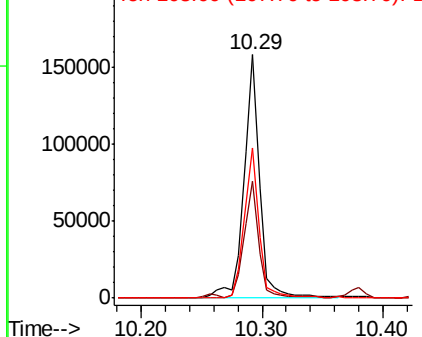


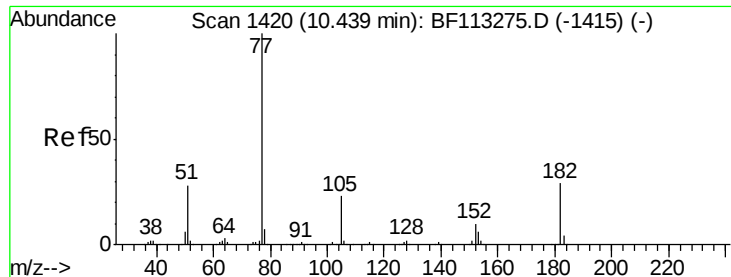
#62
4-Nitroaniline
Concen: 37.193 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.02 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion: 138 Resp: 143987
Ion Ratio Lower Upper
138 100
92 47.8 25.8 65.8
108 61.4 44.0 84.0



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





#63

Azobenzene

Concen: 39.244 ng

RT: 10.42 min Scan# 1417

Delta R.T. -0.02 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

CS-7MSD

Tgt Ion: 77 Resp: 535600

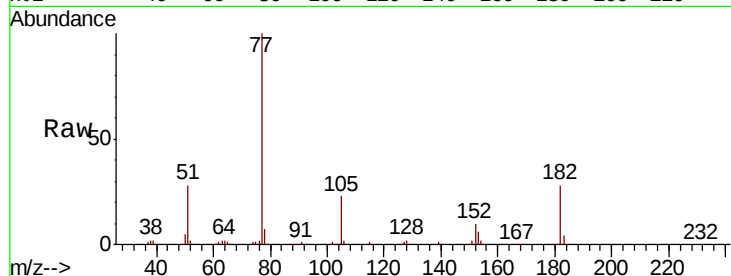
Ion Ratio Lower Upper

77 100

182 27.7 8.7 48.7

105 23.0 2.9 42.9

51 27.7 8.8 48.8

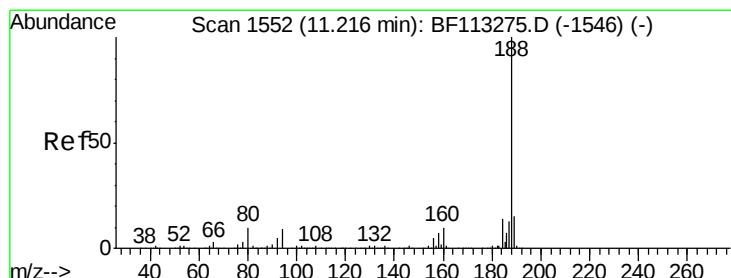
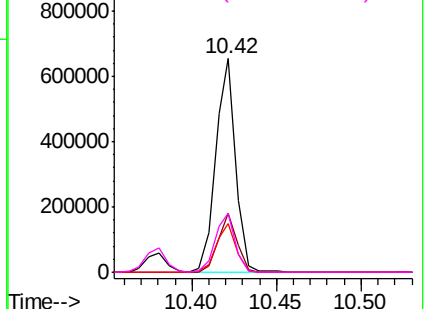
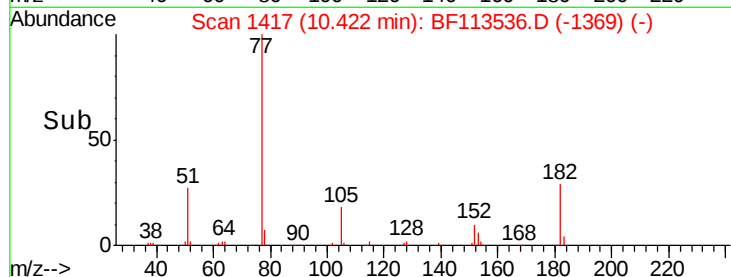


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: BF113536.D

Acq: 3 Apr 2019 7:16

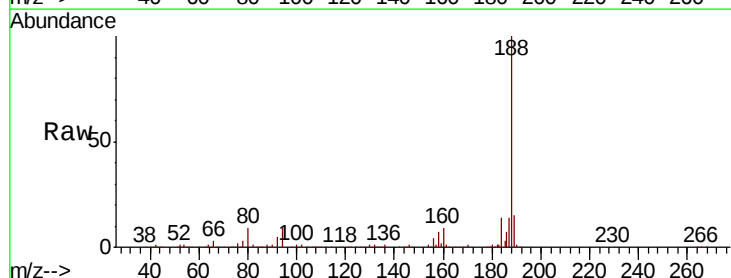
Tgt Ion: 188 Resp: 333996

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.6

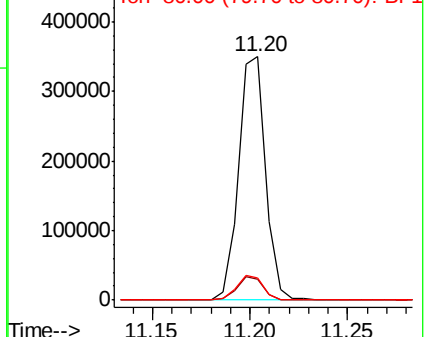
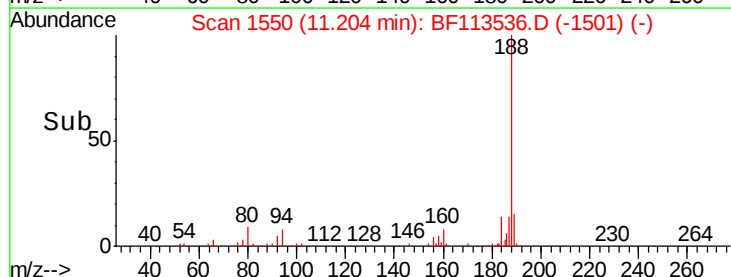
80 8.9 7.7 11.5



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

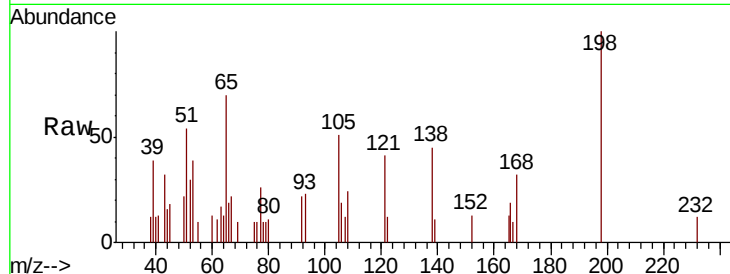




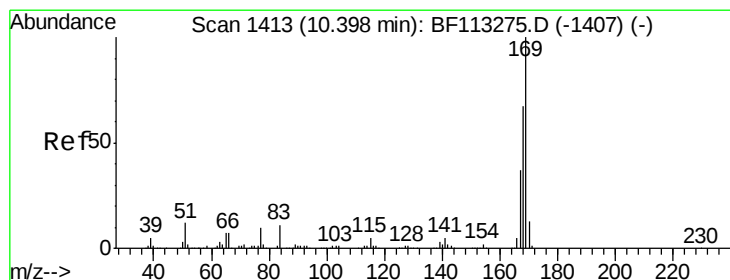
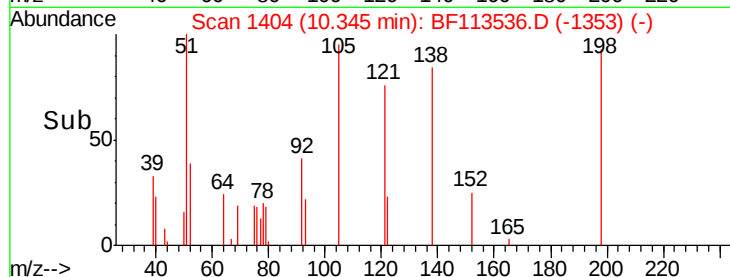
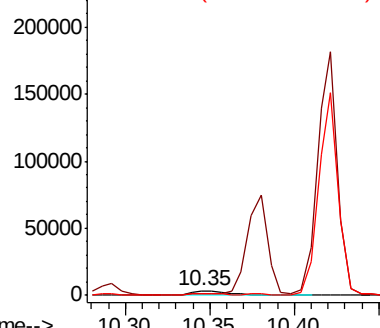
#65
 4,6-Dinitro-2-methylphenol
 Concen: 2.995 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. 0.00 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Tgt Ion:198 Resp: 5472
 Ion Ratio Lower Upper
 198 100
 51 53.6 21.6 61.6
 105 50.9 20.6 60.6

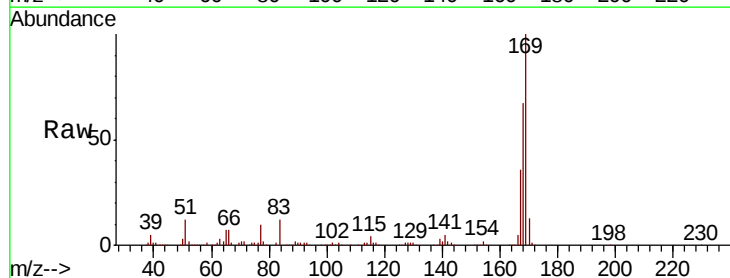


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

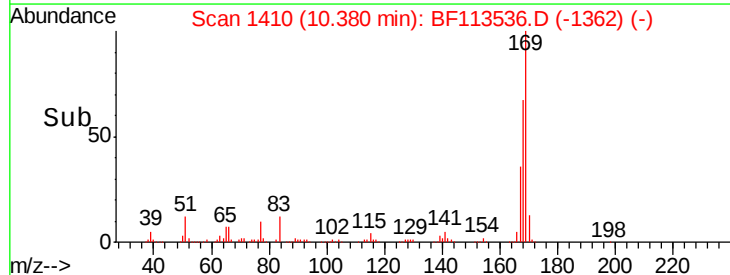
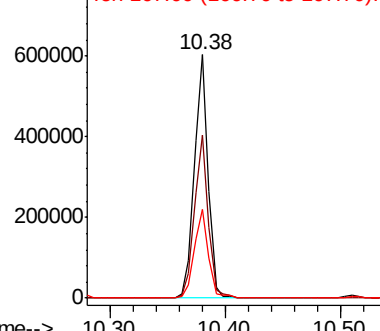


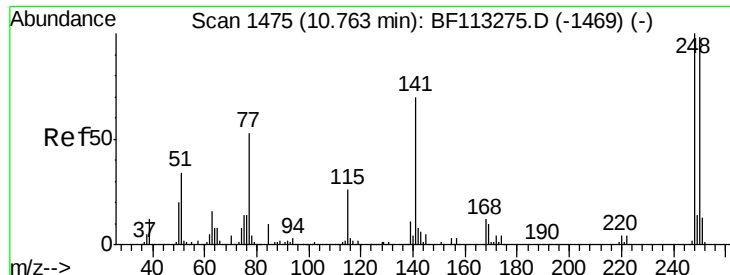
#66
 n-Nitrosodiphenylamine
 Concen: 48.428 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion:169 Resp: 496322
 Ion Ratio Lower Upper
 169 100
 168 66.9 53.7 80.5
 167 36.2 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

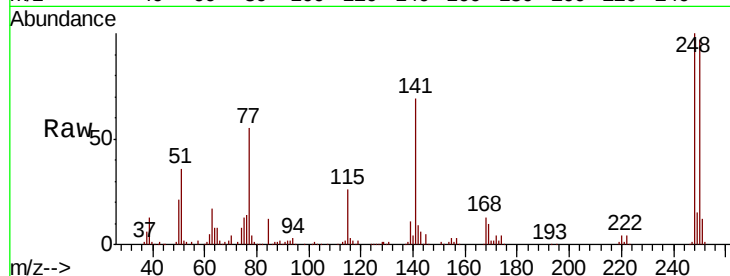




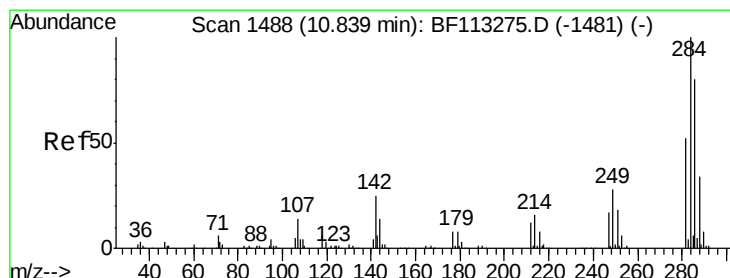
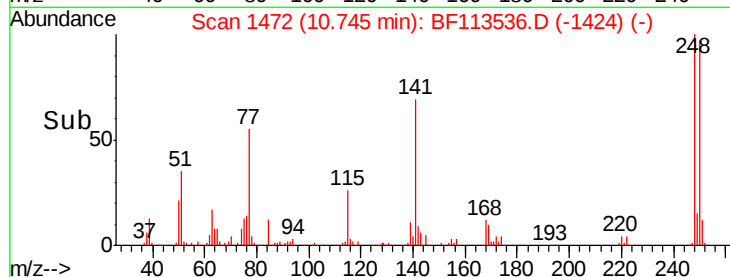
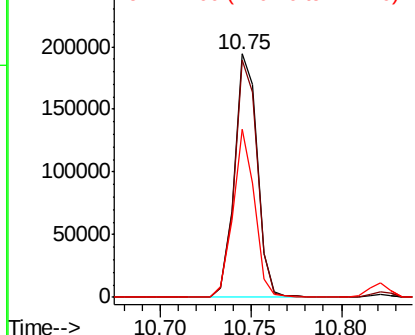
#67
 4-Bromophenyl-phenylether
 Concen: 46.895 ng
 RT: 10.75 min Scan# 1472
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampled :
 CS-7MSD

Tgt Ion: 248 Resp: 170712
 Ion Ratio Lower Upper
 248 100
 250 97.2 78.3 117.5
 141 68.9 56.2 84.4

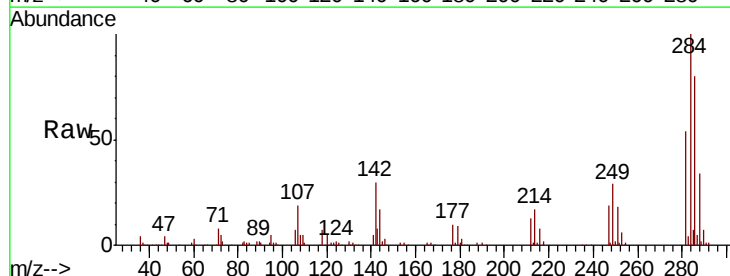


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

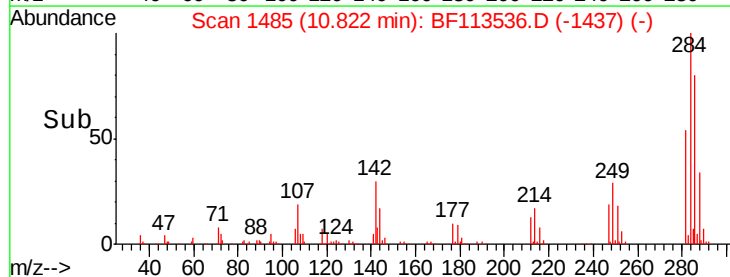
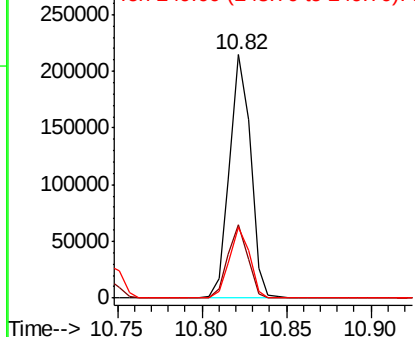


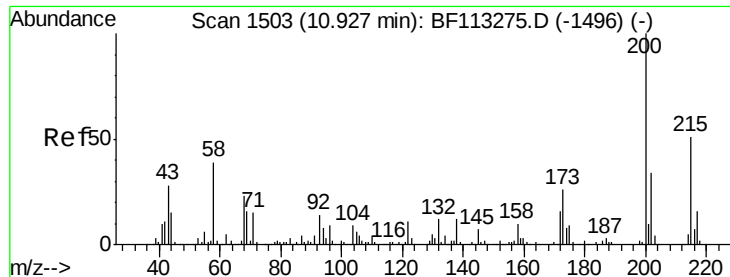
#68
 Hexachlorobenzene
 Concen: 43.937 ng
 RT: 10.82 min Scan# 1485
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion: 284 Resp: 185652
 Ion Ratio Lower Upper
 284 100
 142 30.4 20.1 30.1#
 249 28.8 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

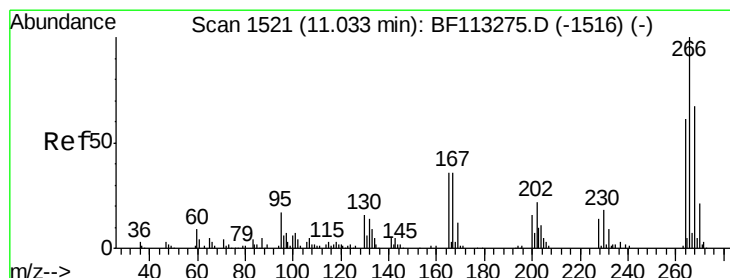
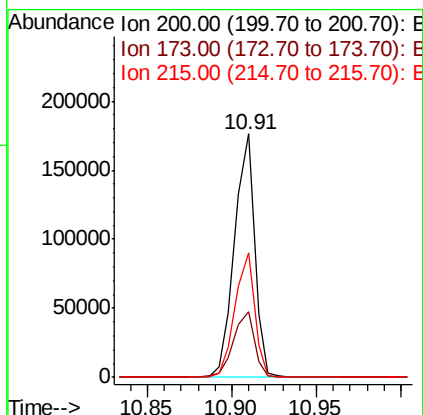
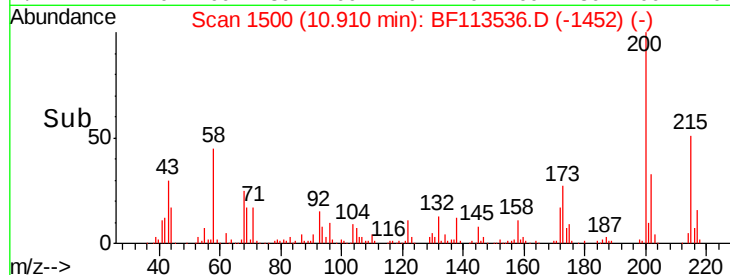
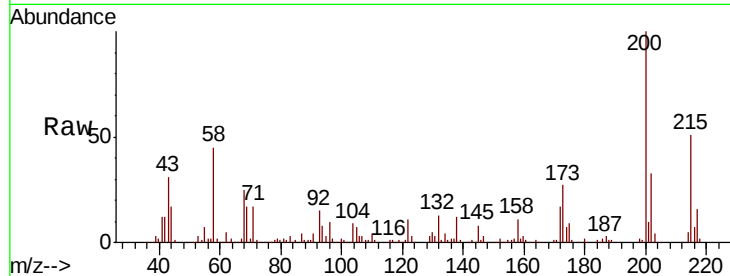




#69
 Atrazine
 Concen: 45.409 ng
 RT: 10.91 min Scan# 1500
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

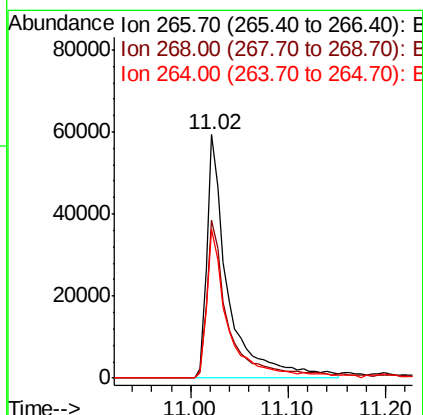
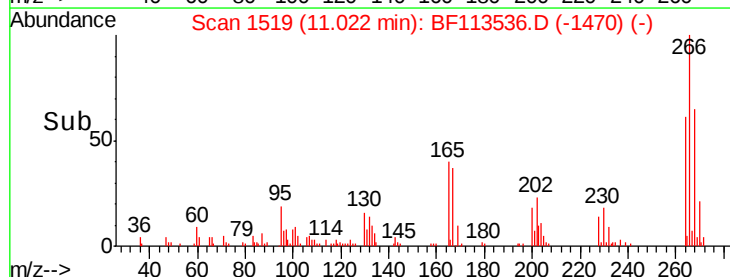
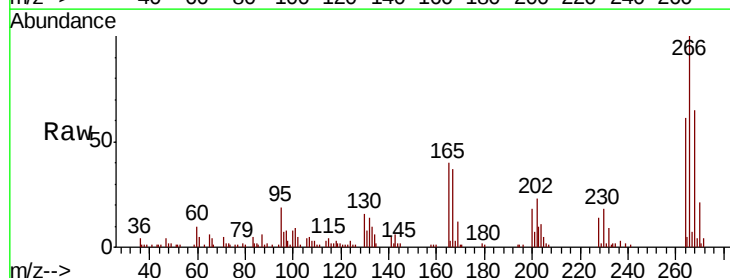
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

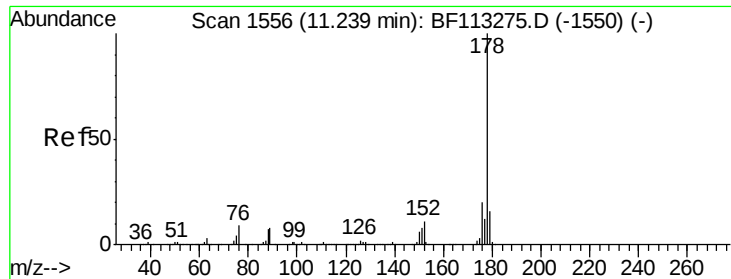
Tgt Ion:200 Resp: 146894
 Ion Ratio Lower Upper
 200 100
 173 27.2 6.0 46.0
 215 50.9 31.3 71.3



#70
 Pentachlorophenol
 Concen: 40.646 ng
 RT: 11.02 min Scan# 1519
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion:266 Resp: 89481
 Ion Ratio Lower Upper
 266 100
 268 65.0 53.8 80.6
 264 61.1 49.2 73.8

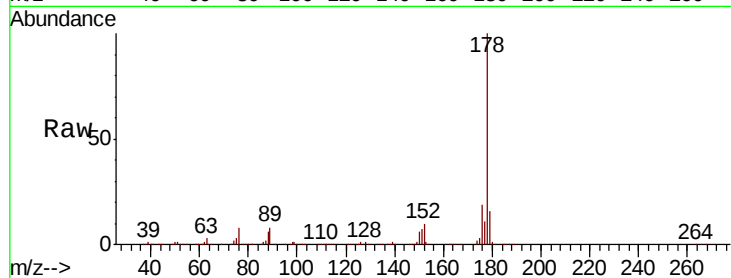




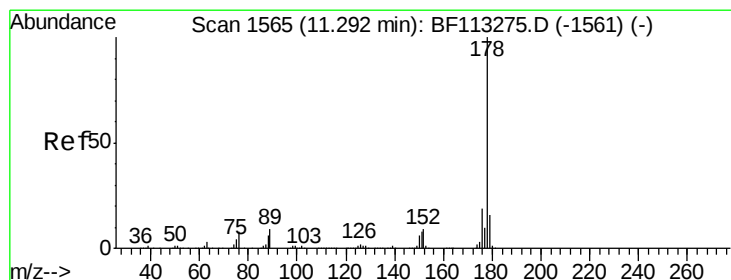
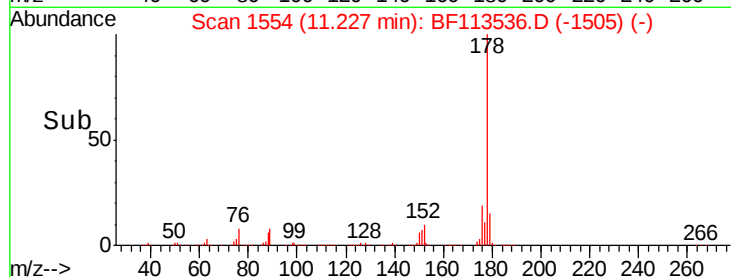
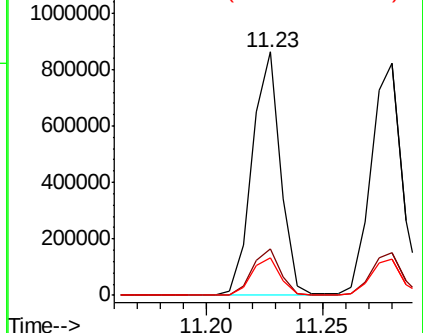
#71
Phenanthrene
Concen: 44.671 ng
RT: 11.23 min Scan# 1554
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

Tgt Ion:178 Resp: 740926
Ion Ratio Lower Upper
178 100
176 19.2 16.2 24.2
179 15.5 12.7 19.1

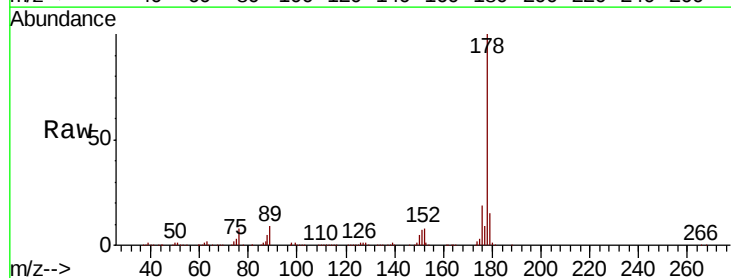


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

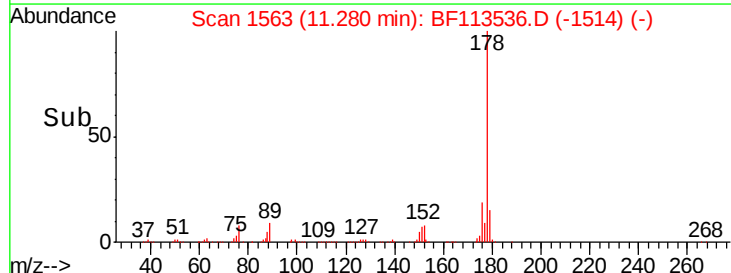
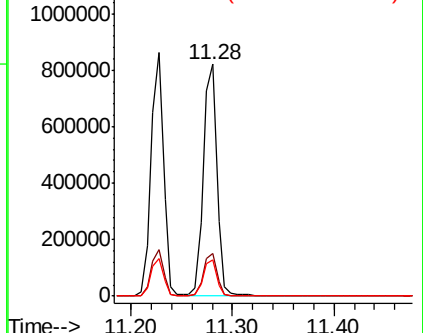


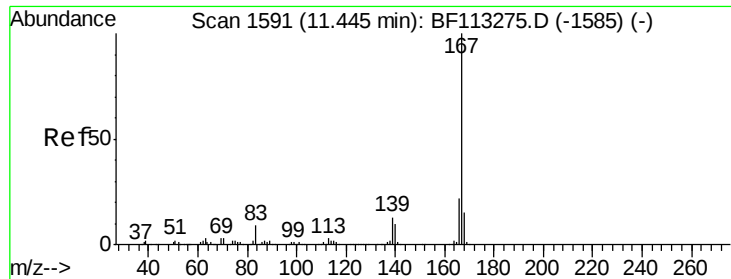
#72
Anthracene
Concen: 45.620 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion:178 Resp: 768575
Ion Ratio Lower Upper
178 100
176 18.7 15.4 23.2
179 15.4 12.8 19.2



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

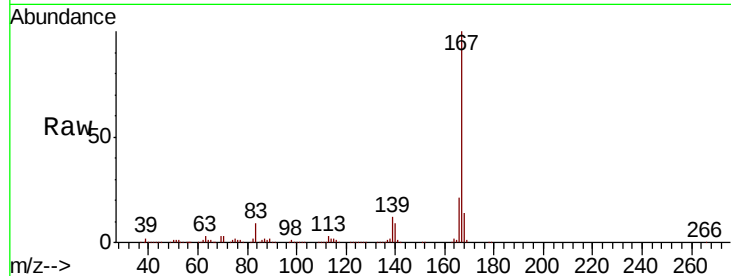




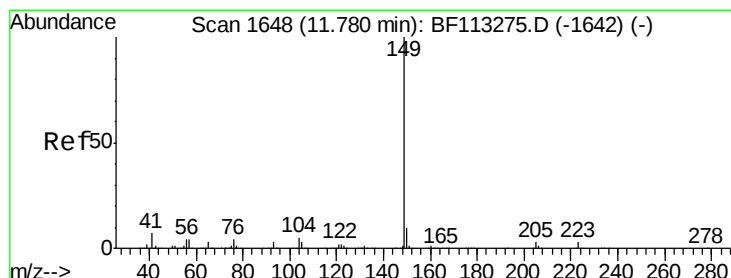
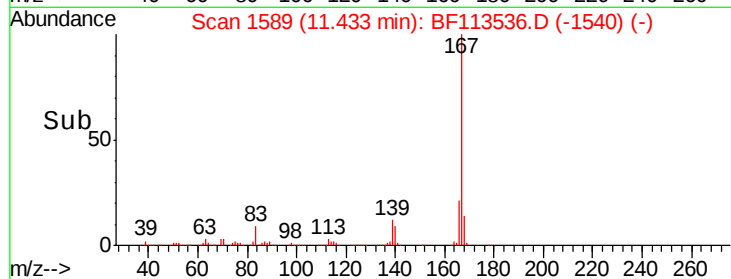
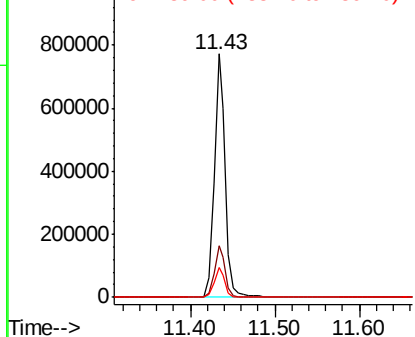
#73
 Carbazole
 Concen: 44.375 ng
 RT: 11.43 min Scan# 1589
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

Tgt Ion:167 Resp: 713366
 Ion Ratio Lower Upper
 167 100
 166 21.0 17.4 26.0
 139 12.4 10.4 15.6

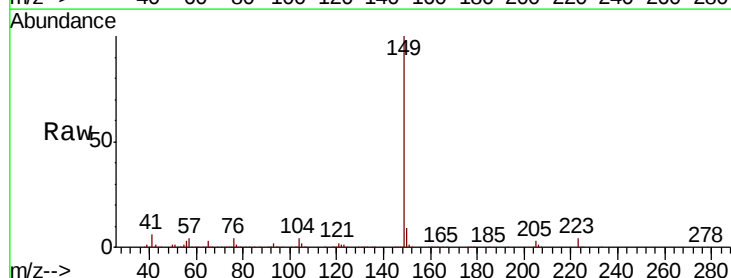


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

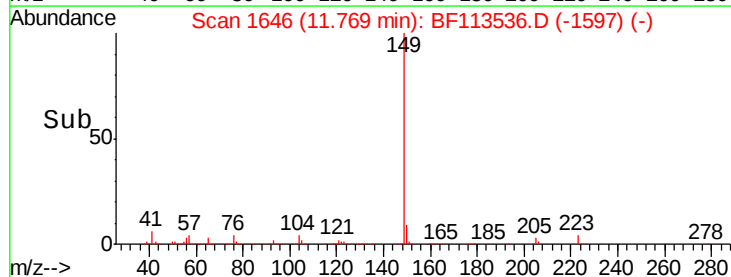
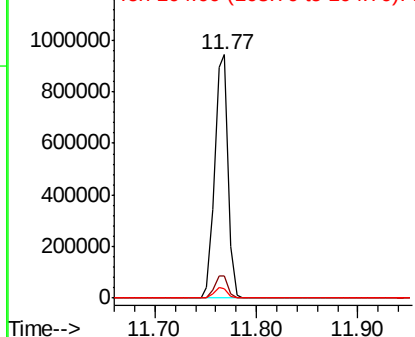


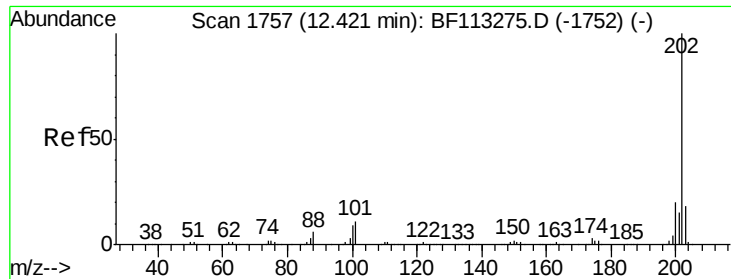
#74
 Di-n-butylphthalate
 Concen: 46.413 ng
 RT: 11.77 min Scan# 1646
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion:149 Resp: 865255
 Ion Ratio Lower Upper
 149 100
 150 9.2 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

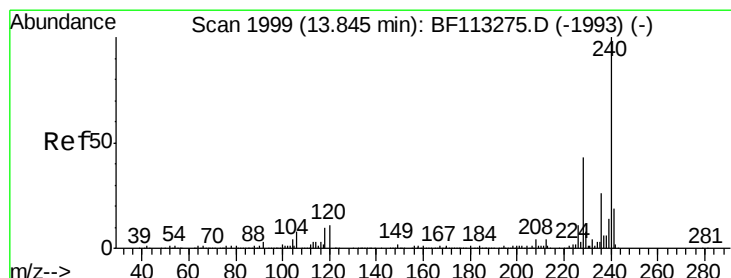
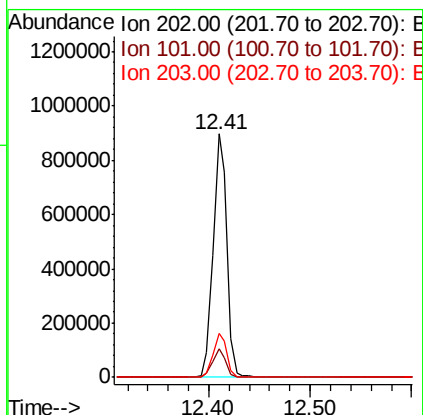
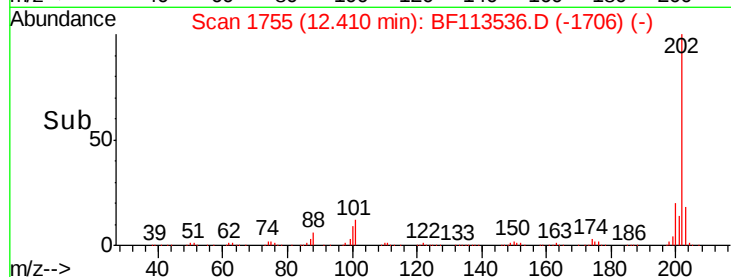
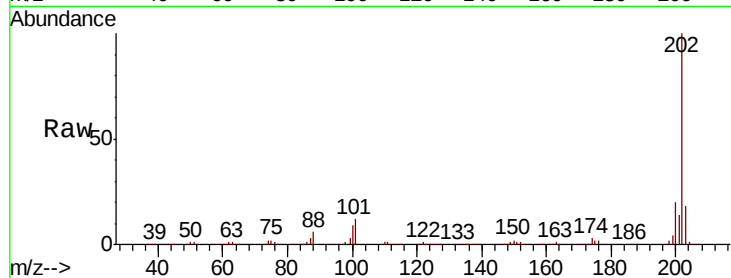




#75
 Fluoranthene
 Concen: 45.131 ng
 RT: 12.41 min Scan# 1755
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

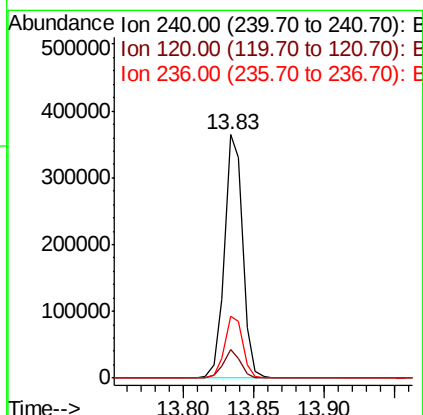
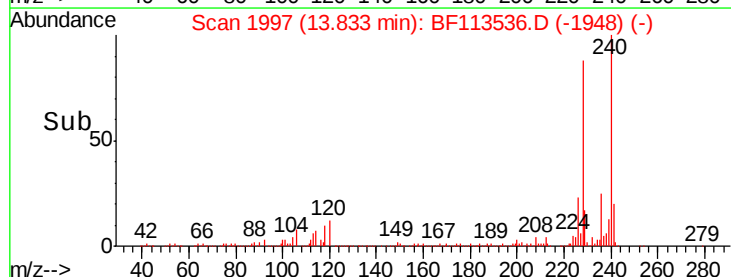
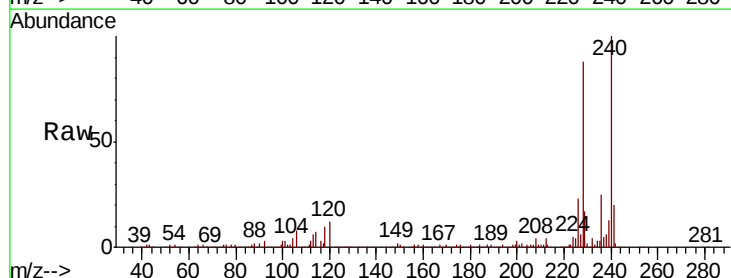
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

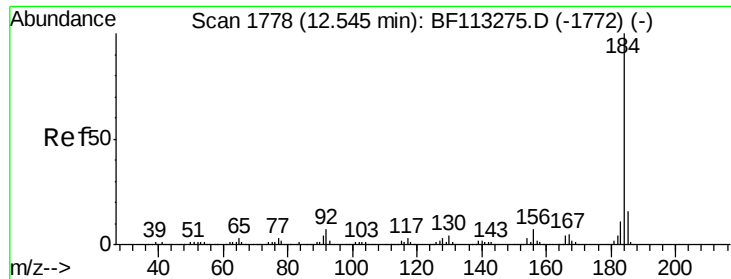
Tgt Ion	Ratio	Lower	Upper
202	100		
101	11.6	0.0	31.4
203	18.0	0.0	38.0



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.9	8.8	13.2
236	25.5	20.9	31.3





#77

Benzidine

Concen: 31.822 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

CS-7MSD

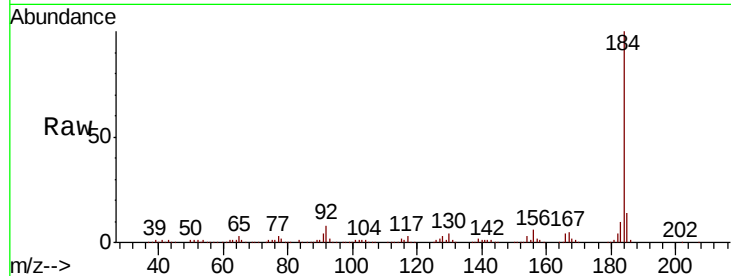
Tgt Ion:184 Resp: 398946

Ion Ratio Lower Upper

184 100

185 13.9 13.0 19.6

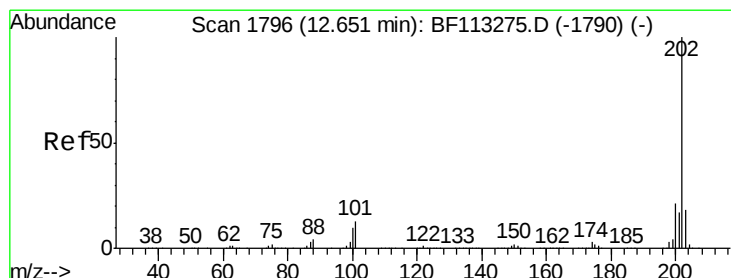
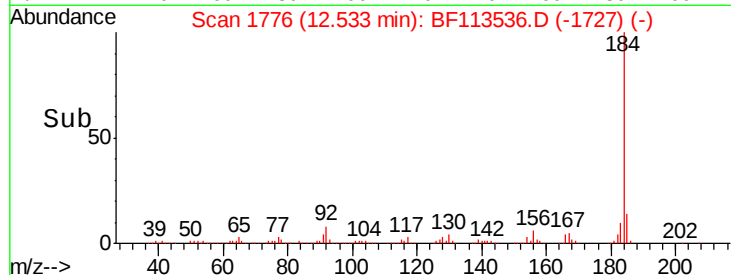
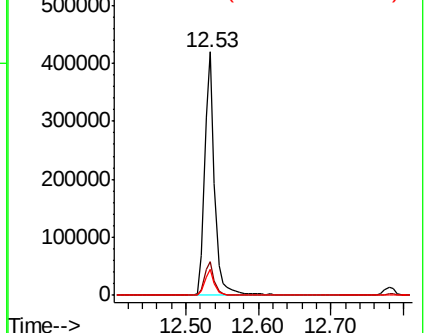
183 10.5 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.210 ng

RT: 12.64 min Scan# 1794

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

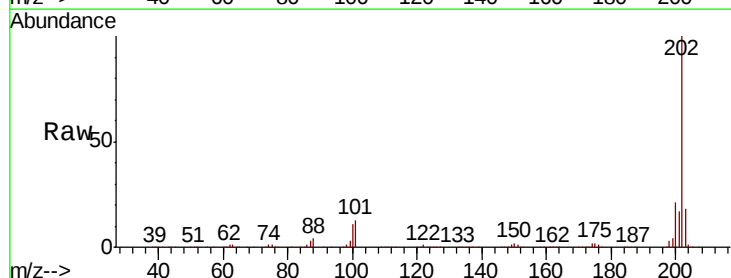
Tgt Ion:202 Resp: 866836

Ion Ratio Lower Upper

202 100

200 20.5 16.8 25.2

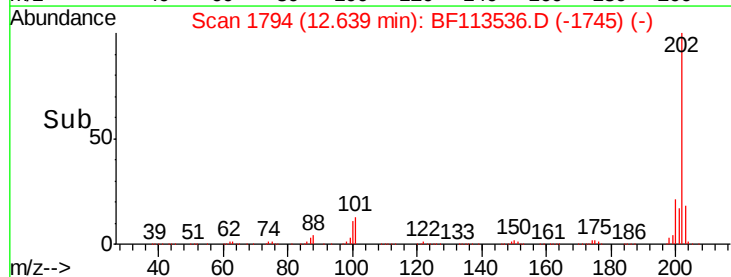
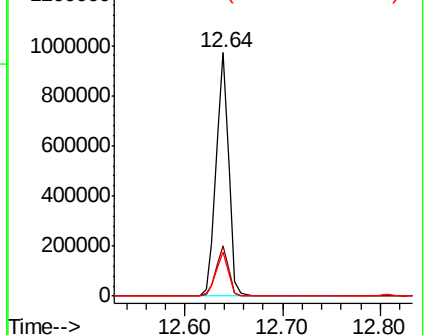
203 17.8 14.4 21.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

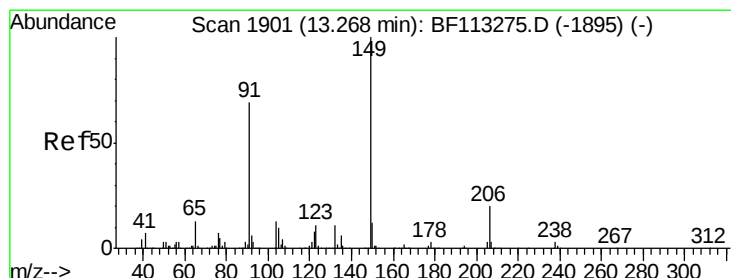
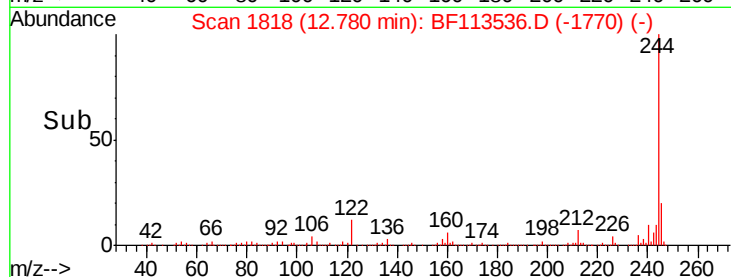
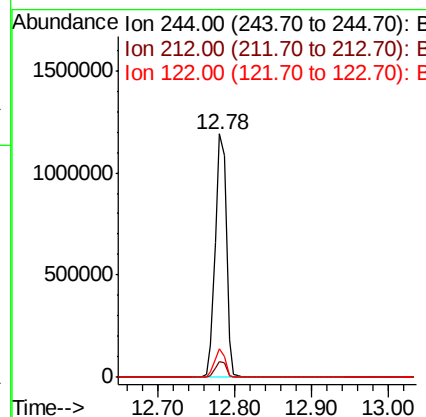
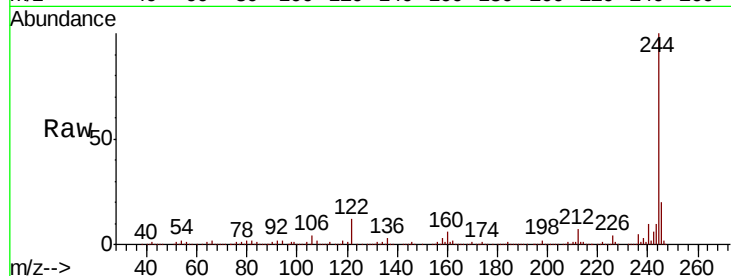




#79
 Terphenyl-d14
 Concen: 79.318 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

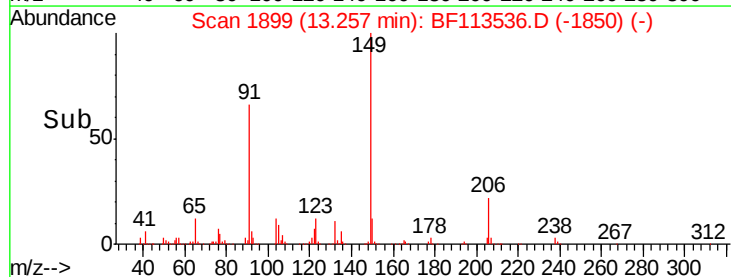
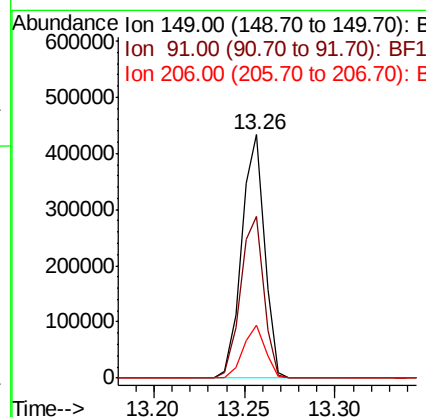
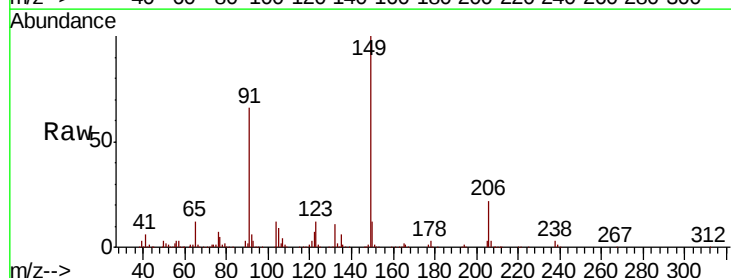
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

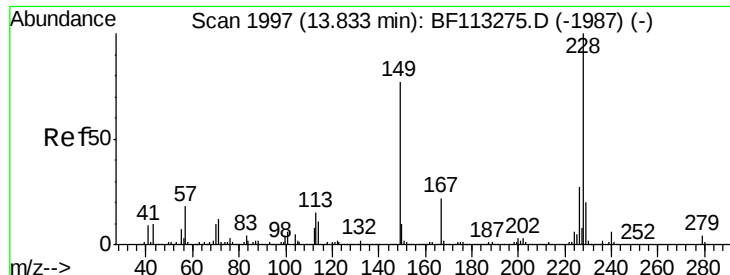
Tgt Ion:244 Resp: 1178091
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.5 8.3
 122 11.5 8.6 13.0



#80
 Butylbenzylphthalate
 Concen: 38.091 ng
 RT: 13.26 min Scan# 1899
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion:149 Resp: 380838
 Ion Ratio Lower Upper
 149 100
 91 66.4 55.2 82.8
 206 21.9 16.1 24.1





#81

Benzo(a)anthracene

Concen: 41.620 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

CS-7MSD

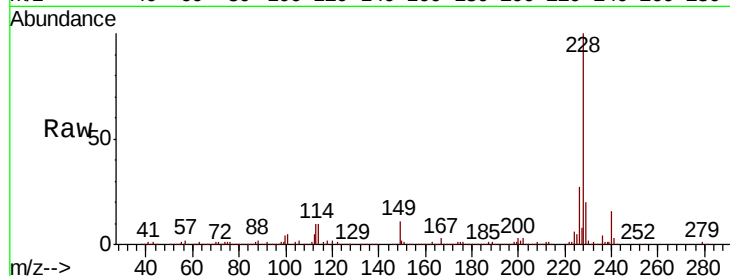
Tgt Ion: 228 Resp: 779958

Ion Ratio Lower Upper

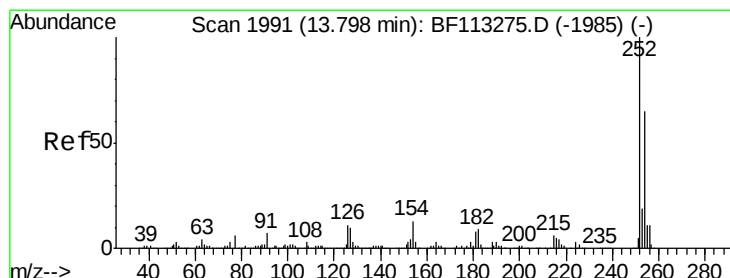
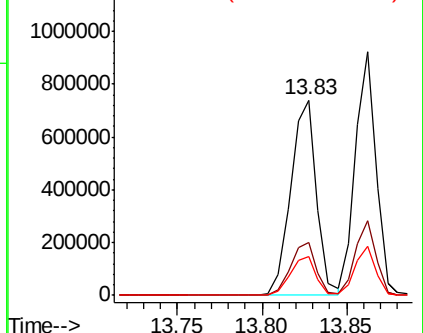
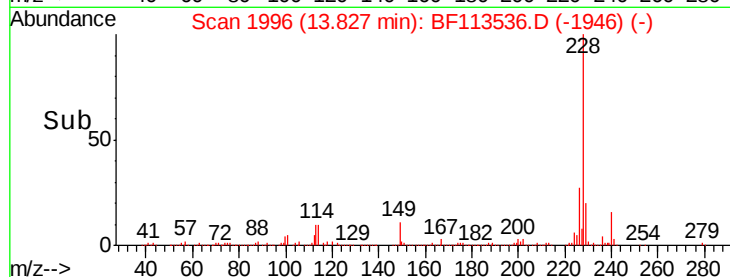
228 100

226 27.1 21.8 32.8

229 19.8 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: 24.605 ng

RT: 13.79 min Scan# 1989

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

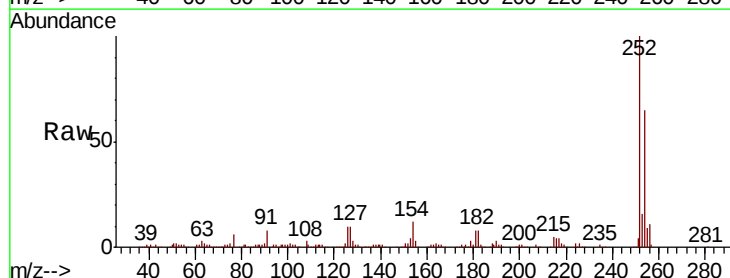
Tgt Ion: 252 Resp: 184980

Ion Ratio Lower Upper

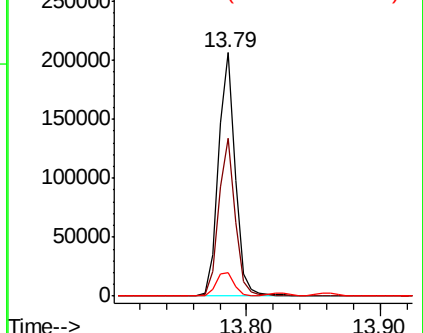
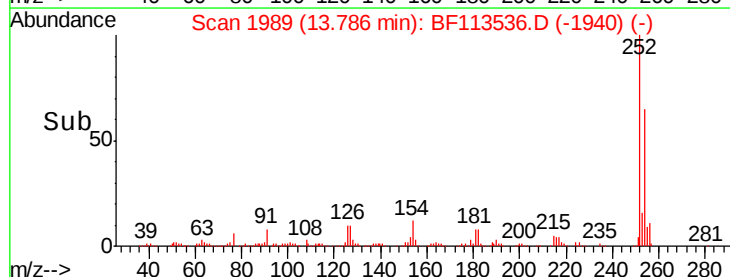
252 100

254 64.9 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: 41.657 ng

RT: 13.86 min Scan# 2002

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

CS-7MSD

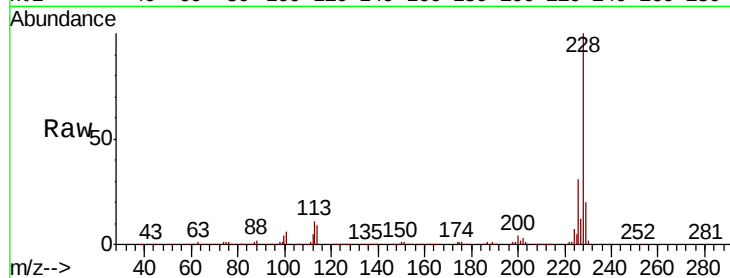
Tgt Ion: 228 Resp: 792914

Ion Ratio Lower Upper

228 100

226 30.6 24.3 36.5

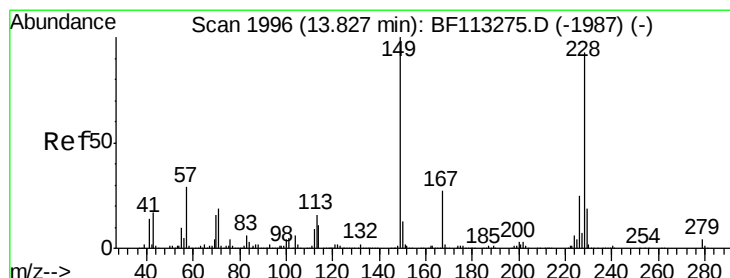
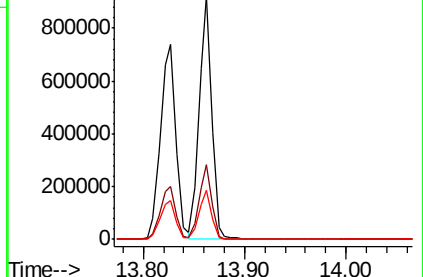
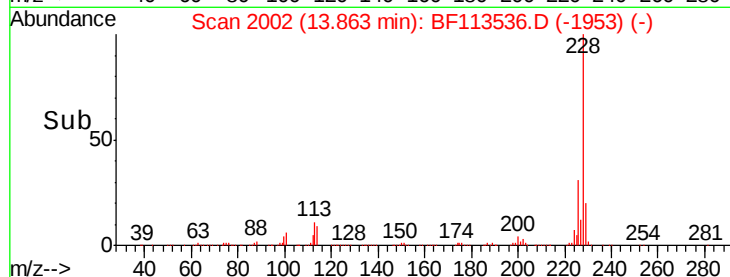
229 20.1 16.3 24.5



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: 41.394 ng

RT: 13.82 min Scan# 1994

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

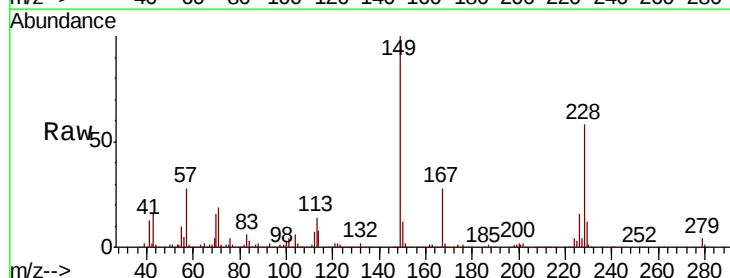
Tgt Ion: 149 Resp: 507353

Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.8

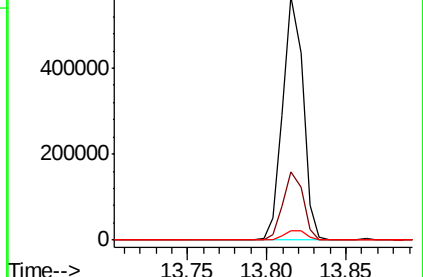
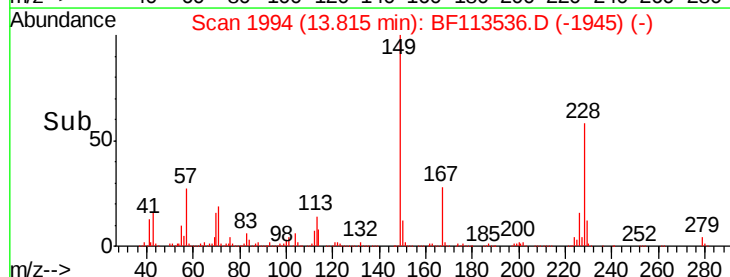
279 3.9 2.9 4.3

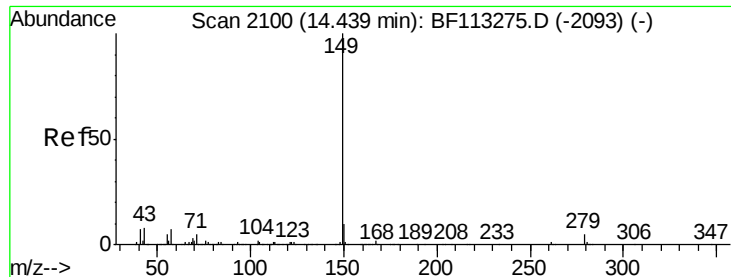


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

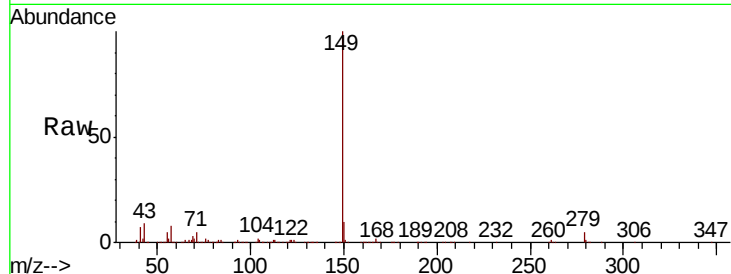




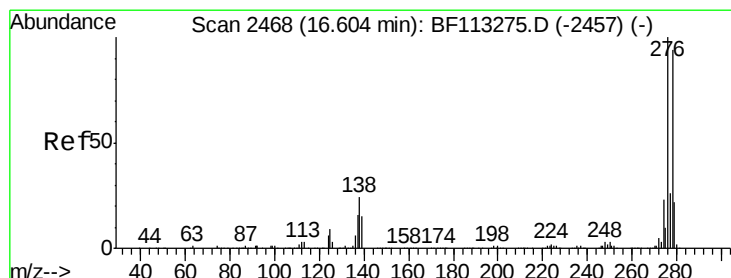
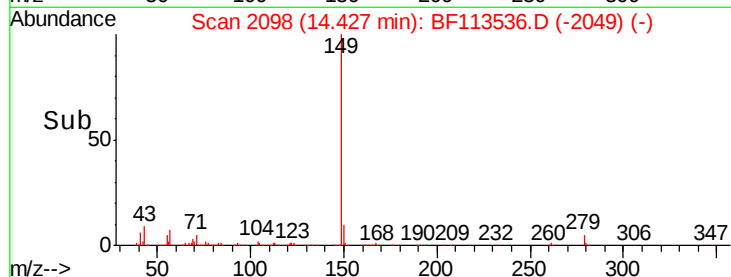
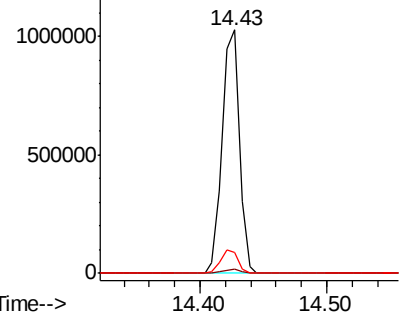
#85
Di-n-octyl phthalate
Concen: 46.056 ng
RT: 14.43 min Scan# 2098
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Instrument :
BNA_F
ClientSampleId :
CS-7MSD

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

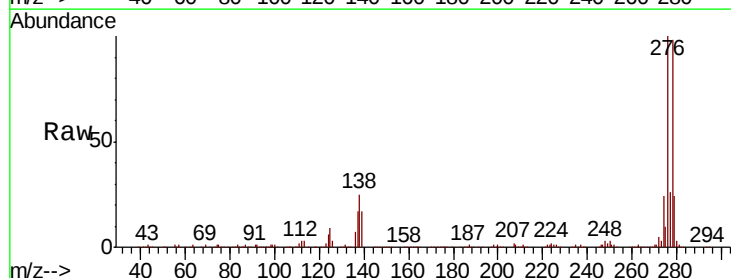


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BF1

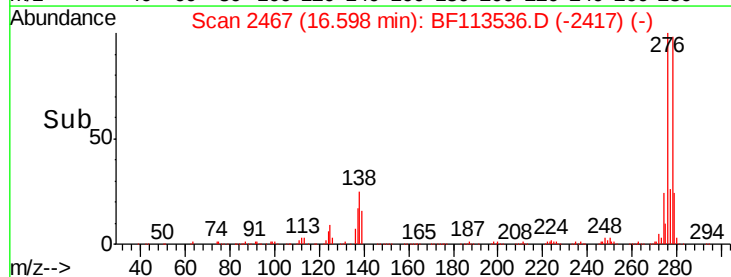
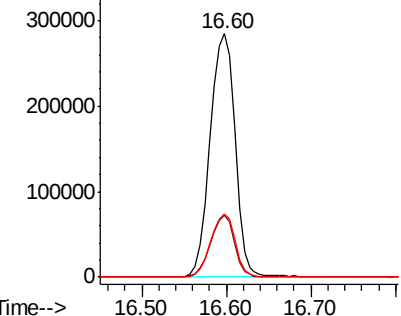


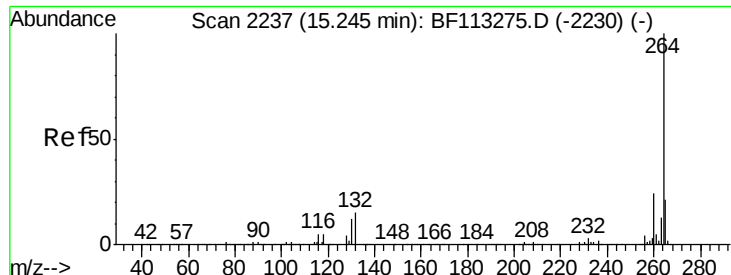
#86
Indeno(1,2,3-cd)pyrene
Concen: 35.682 ng
RT: 16.60 min Scan# 2467
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion	Ratio	Lower	Upper
276	100		
138	24.2	18.1	27.1
277	25.3	20.2	30.4



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

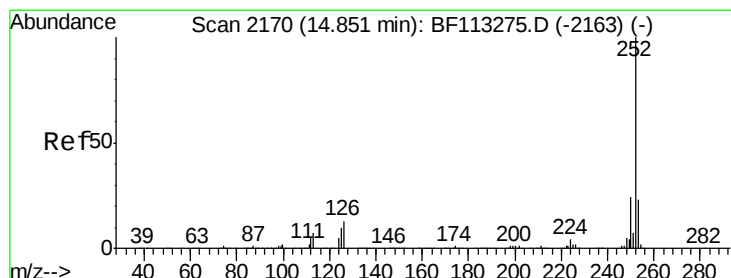
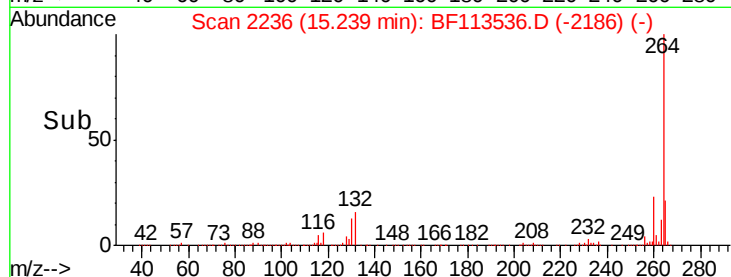
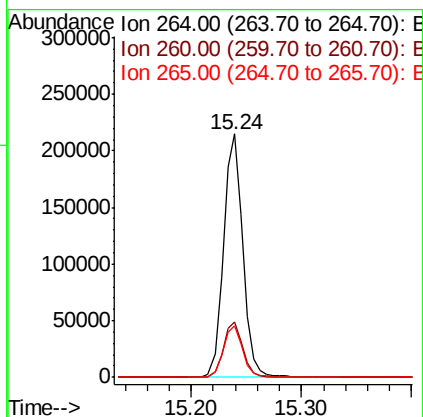
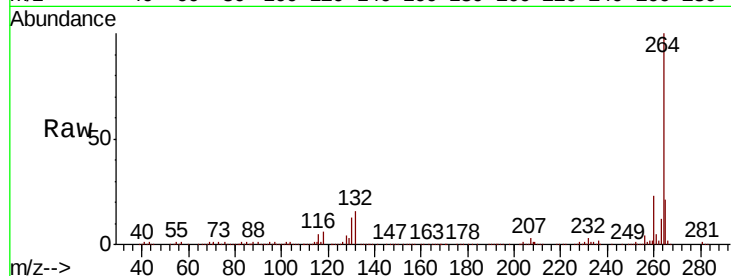




#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.24 min Scan# 2236
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

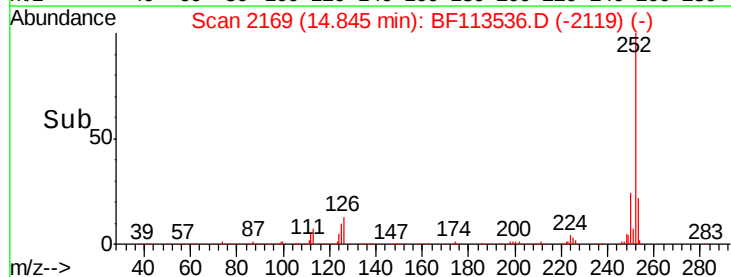
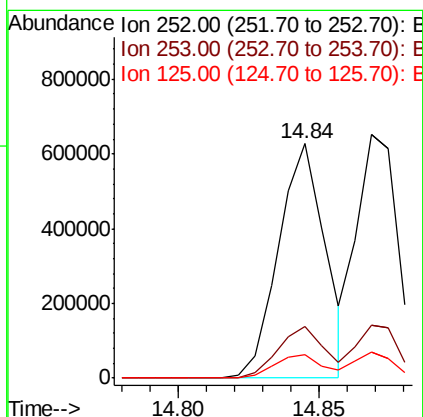
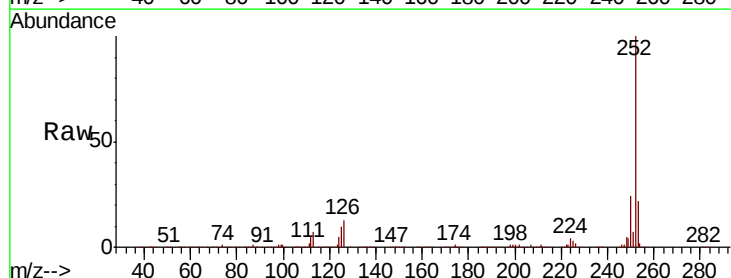
Instrument :
 BNA_F
 ClientSampleId :
 CS-7MSD

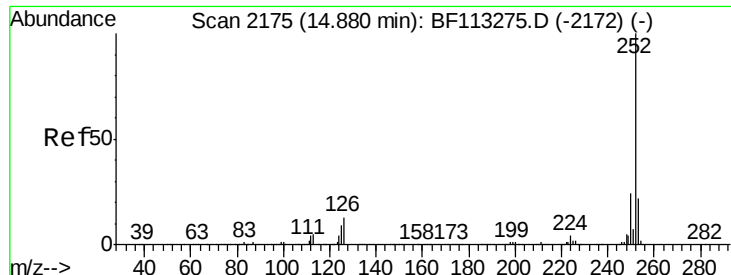
Tgt Ion: 264 Resp: 261725
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.1 28.7
 265 21.1 17.1 25.7



#88
 Benzo(b)fluoranthene
 Concen: 44.315 ng
 RT: 14.84 min Scan# 2169
 Delta R.T. -0.01 min
 Lab File: BF113536.D
 Acq: 3 Apr 2019 7:16

Tgt Ion: 252 Resp: 720488
 Ion Ratio Lower Upper
 252 100
 253 22.2 18.0 27.0
 125 9.8 7.6 11.4

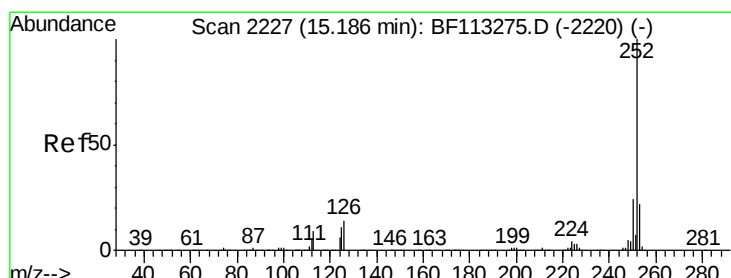
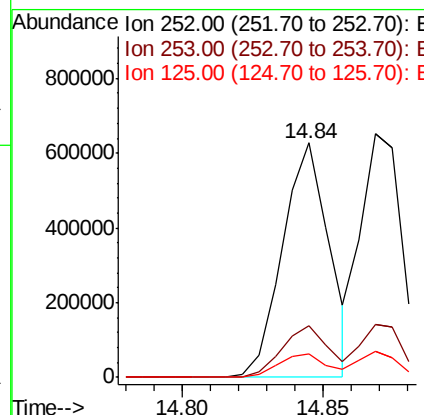
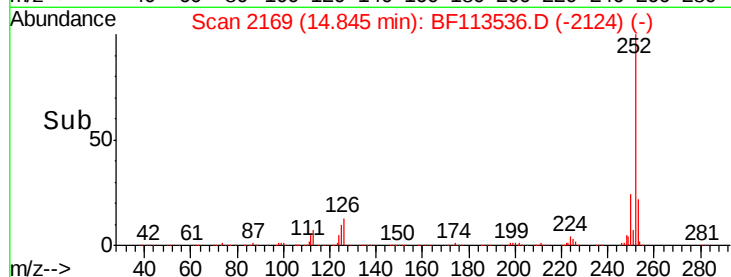
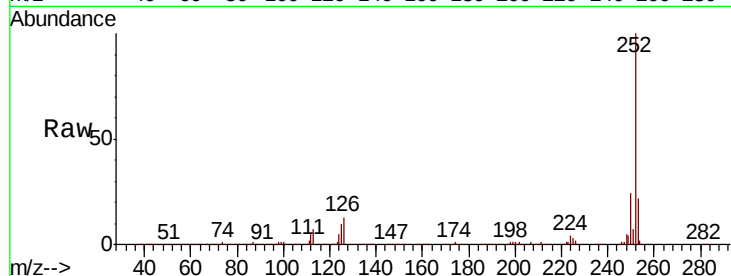




#89
Benzo(k)fluoranthene
Concen: 50.462 ng
RT: 14.84 min Scan# 2169
Delta R.T. -0.04 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

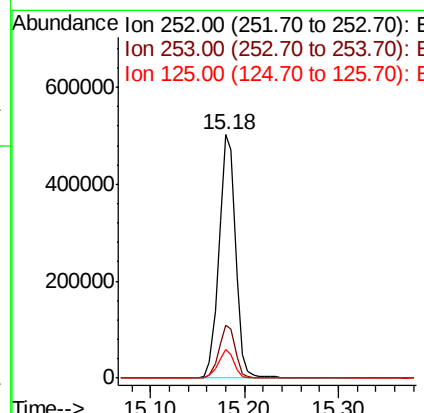
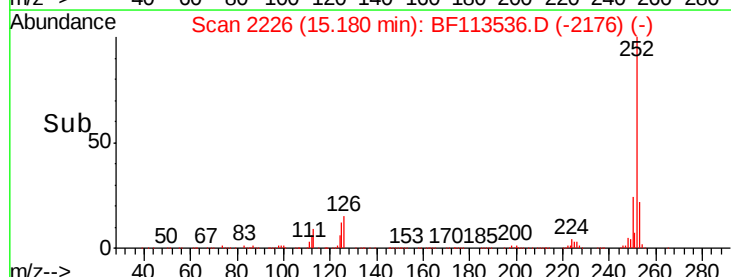
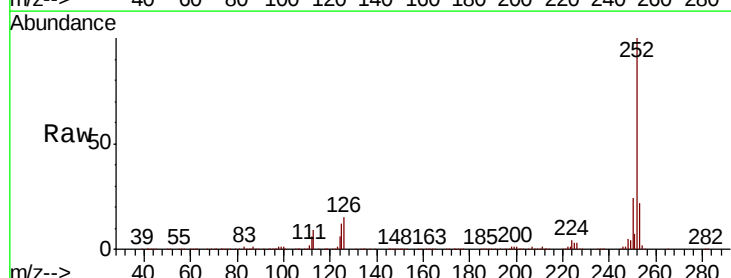
Instrument :
BNA_F
ClientSampleId :
CS-7MSD

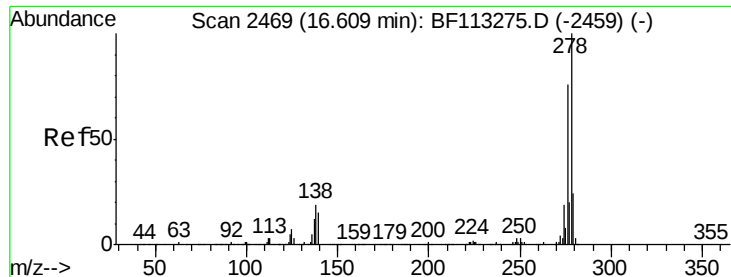
Tgt Ion:252 Resp: 720488
Ion Ratio Lower Upper
252 100
253 22.2 17.7 26.5
125 9.8 7.3 10.9



#90
Benzo(a)pyrene
Concen: 43.326 ng
RT: 15.18 min Scan# 2226
Delta R.T. -0.01 min
Lab File: BF113536.D
Acq: 3 Apr 2019 7:16

Tgt Ion:252 Resp: 624482
Ion Ratio Lower Upper
252 100
253 21.8 17.9 26.9
125 11.6 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 40.675 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

Instrument :

BNA_F

ClientSampleId :

CS-7MSD

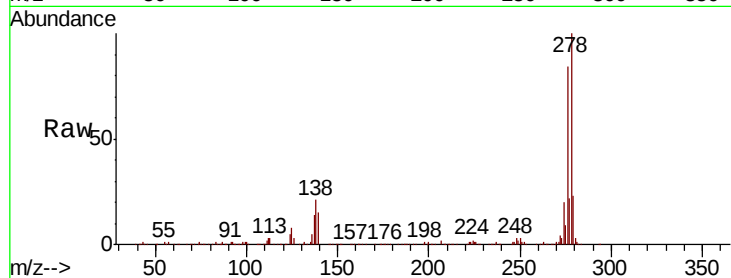
Tgt Ion:278 Resp: 506932

Ion Ratio Lower Upper

278 100

139 14.9 12.0 18.0

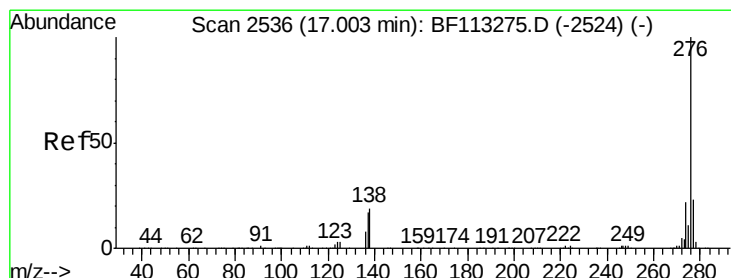
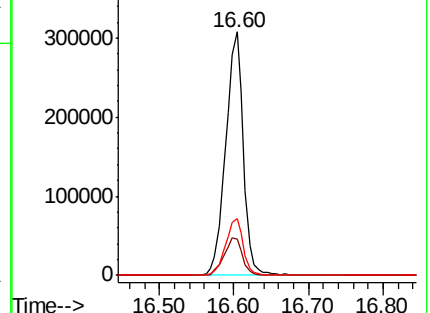
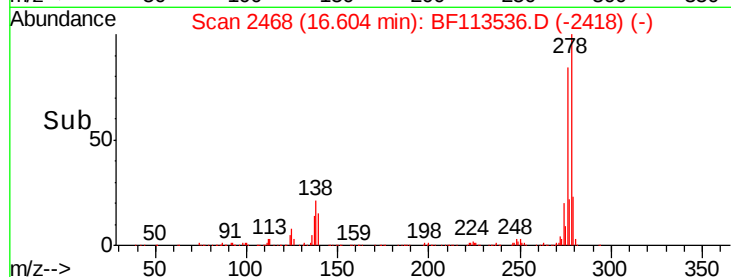
279 23.4 19.0 28.6



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: 38.353 ng

RT: 17.00 min Scan# 2536

Delta R.T. 0.00 min

Lab File: BF113536.D

Acq: 3 Apr 2019 7:16

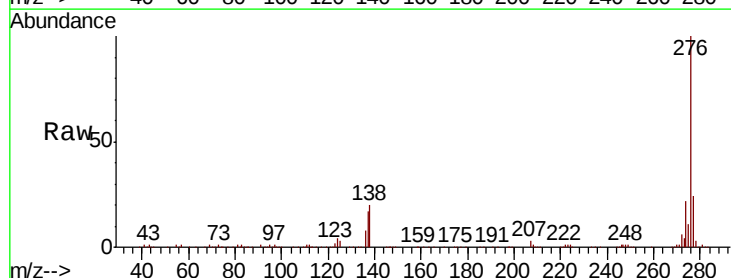
Tgt Ion:276 Resp: 481954

Ion Ratio Lower Upper

276 100

277 23.7 18.8 28.2

138 19.7 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

