

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032519\
 Data File : BF113285.D
 Acq On : 25 Mar 2019 18:00
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Quant Time: Mar 26 04:00:47 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	6.70	152	157834	20.00	ng	0.00
21) Naphthalene-d8	7.99	136	687736	20.00	ng	0.00
39) Acenaphthene-d10	9.74	164	331647	20.00	ng	0.00
64) Phenanthrene-d10	11.22	188	665011	20.00	ng	0.00
76) Chrysene-d12	13.84	240	517641	20.00	ng	0.00
87) Perylene-d12	15.24	264	465003	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.32	112	736496	76.30	ng	0.00
7) Phenol-d6	6.35	99	991864	81.23	ng	0.00
23) Nitrobenzene-d5	7.27	82	866742	74.80	ng	0.00
42) 2,4,6-Tribromophenol	10.53	330	324927	79.32	ng	0.00
45) 2-Fluorobiphenyl	9.06	172	1679841	77.92	ng	0.00
79) Terphenyl-d14	12.79	244	1859934	79.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.36	88	194423	39.698	ng	99
3) Pyridine	3.06	79	498474	41.287	ng	98
4) n-Nitrosodimethylamine	3.00	42	207299	38.622	ng	95
6) Aniline	6.37	93	616970	41.489	ng	89
8) 2-Chlorophenol	6.49	128	462679	41.276	ng	98
9) Benzaldehyde	6.25	77	343545	41.925	ng	99
10) Phenol	6.36	94	567156	40.683	ng	96
11) bis(2-Chloroethyl)ether	6.44	93	440015	41.176	ng	97
12) 1,3-Dichlorobenzene	6.65	146	486015	40.223	ng	99
13) 1,4-Dichlorobenzene	6.72	146	470399	40.321	ng	99
14) 1,2-Dichlorobenzene	6.87	146	433199	37.743	ng	99
15) Benzyl Alcohol	6.85	79	317314	39.389	ng	98
16) 2,2'-oxybis(1-Chloropropan	6.99	45	667207	41.562	ng	96
17) 2-Methylphenol	6.97	107	352835	40.165	ng	97
18) Hexachloroethane	7.22	117	170599	40.713	ng	99
19) n-Nitroso-di-n-propylamine	7.12	70	295602	38.538	ng	97
20) 3+4-Methylphenols	7.13	107	431806	42.354	ng	95
22) Acetophenone	7.12	105	579869	36.972	ng	100
24) Nitrobenzene	7.29	77	456982	37.795	ng	95
25) Isophorone	7.53	82	847577	37.745	ng	97
26) 2-Nitrophenol	7.60	139	249726	39.074	ng	97
27) 2,4-Dimethylphenol	7.65	122	357992	38.939	ng	100
28) bis(2-Chloroethoxy)methane	7.74	93	560373	39.628	ng	99
29) 2,4-Dichlorophenol	7.85	162	401804	40.330	ng	98
30) 1,2,4-Trichlorobenzene	7.93	180	431024	40.099	ng	98
31) Naphthalene	8.01	128	1333434	39.676	ng	100
32) Benzoic acid	7.79	122	222050	30.005	ng	99
33) 4-Chloroaniline	8.06	127	552595	42.166	ng	98
34) Hexachlorobutadiene	8.13	225	260533	40.781	ng	98
35) Caprolactam	8.43	113	133714	41.818	ng	95
36) 4-Chloro-3-methylphenol	8.55	107	411731	41.088	ng	98
37) 2-Methylnaphthalene	8.70	142	875472	41.748	ng	99
38) 1-Methylnaphthalene	8.80	142	839544	41.622	ng	100
40) 1,2,4,5-Tetrachlorobenzene	8.87	216	418444	39.306	ng	99

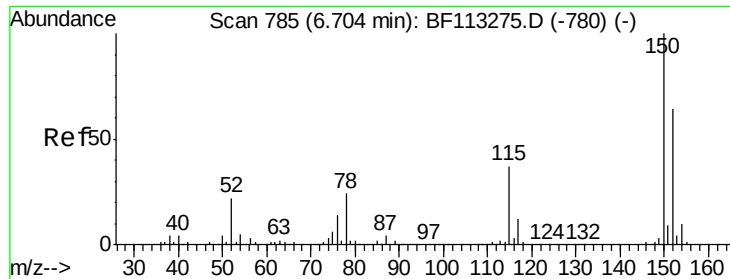
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF032519\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.86	237	169208	37.551	ng	100
43) 2,4,6-Trichlorophenol	8.98	196	267624	38.604	ng	97
44) 2,4,5-Trichlorophenol	9.03	196	299167	38.994	ng	98
46) 1,1'-Biphenyl	9.16	154	1078395	38.933	ng	99
47) 2-Chloronaphthalene	9.19	162	829745	38.906	ng	99
48) 2-Nitroaniline	9.29	65	265266	39.635	ng	94
49) Acenaphthylene	9.60	152	1370027	39.730	ng	99
50) Dimethylphthalate	9.47	163	967288	39.356	ng	100
51) 2,6-Dinitrotoluene	9.53	165	221409	39.932	ng	95
52) Acenaphthene	9.77	154	761948	39.236	ng	99
53) 3-Nitroaniline	9.69	138	253749	40.582	ng	93
54) 2,4-Dinitrophenol	9.80	184	103002	37.350	ng	93
55) Dibenzofuran	9.94	168	1149559	39.377	ng	99
56) 4-Nitrophenol	9.87	139	177455	39.807	ng	92
57) 2,4-Dinitrotoluene	9.93	165	283015	40.138	ng	95
58) Fluorene	10.29	166	878230	38.724	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.06	232	259082	39.933	ng	98
60) Diethylphthalate	10.16	149	935118	38.785	ng	98
61) 4-Chlorophenyl-phenylether	10.27	204	432980	39.172	ng	97
62) 4-Nitroaniline	10.30	138	263512	40.932	ng	97
63) Azobenzene	10.43	77	910729	40.127	ng	97
65) 4,6-Dinitro-2-methylphenol	10.34	198	141589	38.920	ng	87
66) n-Nitrosodiphenylamine	10.40	169	798979	39.154	ng	100
67) 4-Bromophenyl-phenylether	10.76	248	290987	40.147	ng	96
68) Hexachlorobenzene	10.83	284	336959	40.051	ng	# 94
69) Atrazine	10.92	200	259765	40.331	ng	96
70) Pentachlorophenol	11.03	266	174648	39.844	ng	100
71) Phenanthrene	11.24	178	1301908	39.422	ng	99
72) Anthracene	11.29	178	1337112	39.861	ng	99
73) Carbazole	11.45	167	1288445	40.253	ng	100
74) Di-n-butylphthalate	11.78	149	1476066	39.767	ng	99
75) Fluoranthene	12.42	202	1436717	38.483	ng	99
77) Benzidine	12.55	184	792525	39.980	ng	97
78) Pyrene	12.65	202	1484550	41.386	ng	100
80) Butylbenzylphthalate	13.27	149	635598	40.206	ng	94
81) Benzo(a)anthracene	13.83	228	1187782	40.086	ng	99
82) 3,3'-Dichlorobenzidine	13.80	252	497861	41.883	ng	99
83) Chrysene	13.87	228	1226756	40.761	ng	99
84) Bis(2-ethylhexyl)phthalate	13.83	149	768368	39.648	ng	99
85) Di-n-octyl phthalate	14.43	149	1372692	41.729	ng	100
86) Indeno(1,2,3-cd)pyrene	16.59	276	1022035	39.568	ng	98
88) Benzo(b)fluoranthene	14.85	252	1205400	41.730	ng	100
89) Benzo(k)fluoranthene	14.87	252	961209	37.892	ng	99
90) Benzo(a)pyrene	15.19	252	1001554	39.110	ng	100
91) Dibenzo(a,h)anthracene	16.60	278	838425	37.865	ng	100
92) Benzo(g,h,i)perylene	17.00	276	842065	37.717	ng	97

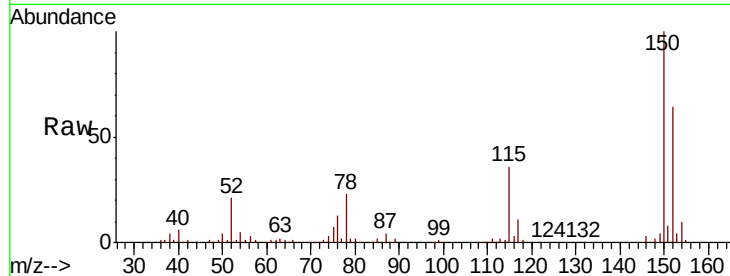
(#) = qualifier out of range (m) = manual integration (+) = signals summed



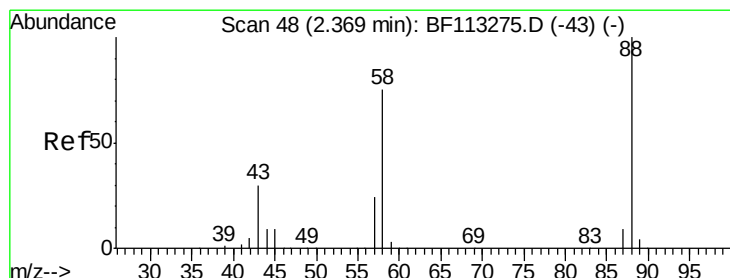
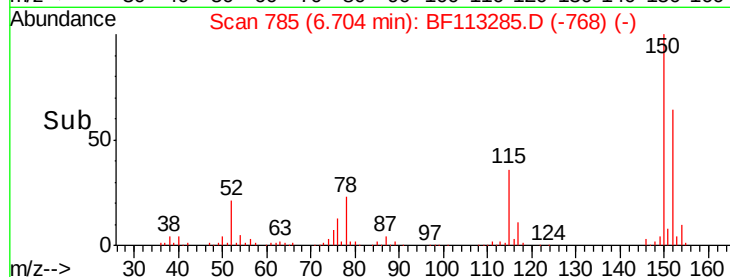
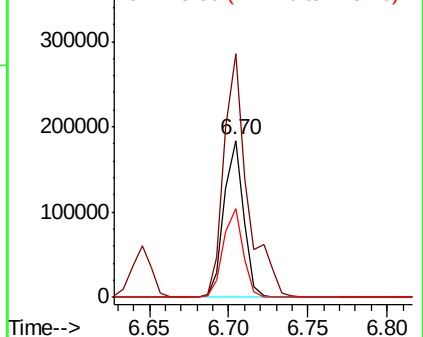
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.70 min Scan# 785
 Delta R.T. 0.00 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:152 Resp: 157834
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.7 187.1
 115 56.5 46.0 69.0

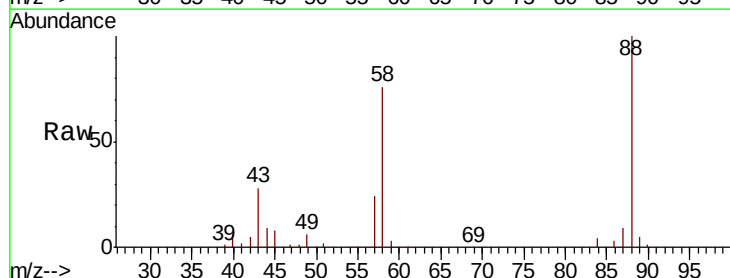


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

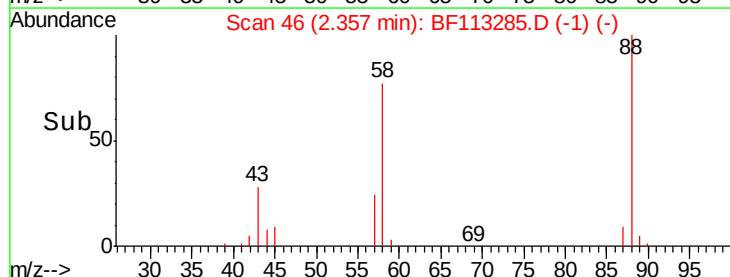
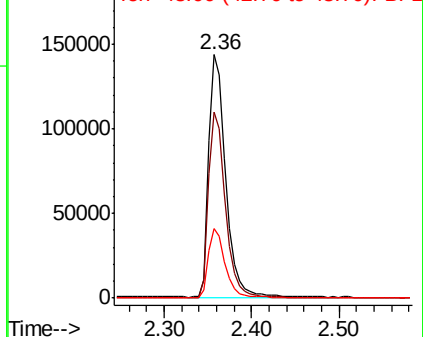


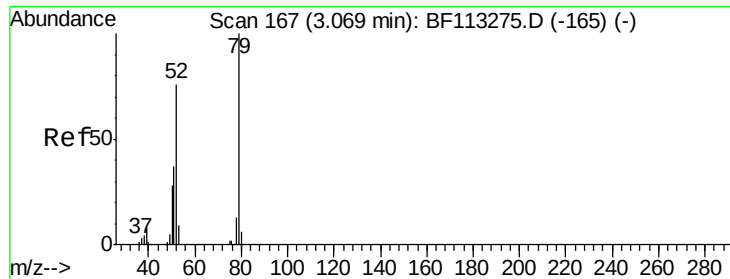
#2
 1,4-Dioxane
 Concen: 39.698 ng
 RT: 2.36 min Scan# 46
 Delta R.T. -0.01 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Tgt Ion: 88 Resp: 194423
 Ion Ratio Lower Upper
 88 100
 58 76.8 61.9 92.9
 43 29.1 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: 41.287 ng

RT: 3.06 min Scan# 165

Delta R.T. -0.01 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

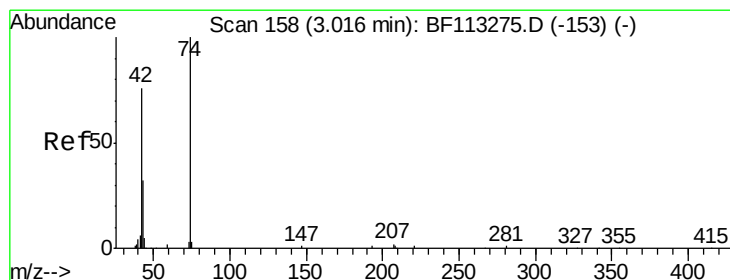
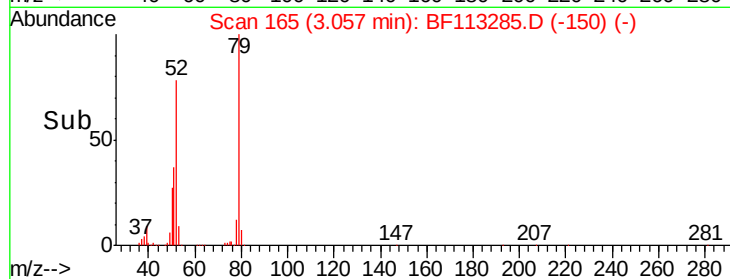
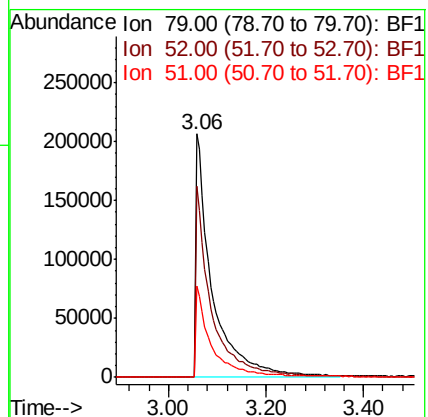
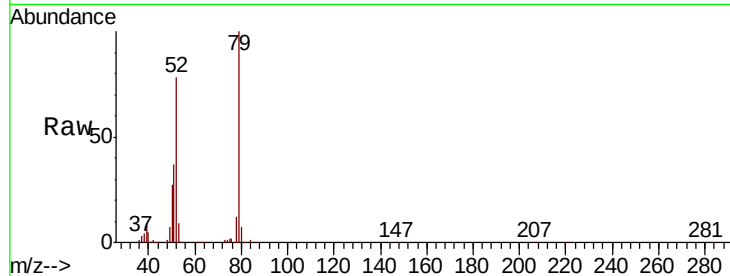
Tgt Ion: 79 Resp: 498474

Ion Ratio Lower Upper

79 100

52 78.3 61.0 91.4

51 37.4 30.6 45.8



#4

n-Nitrosodimethylamine

Concen: 38.622 ng

RT: 3.00 min Scan# 156

Delta R.T. -0.01 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

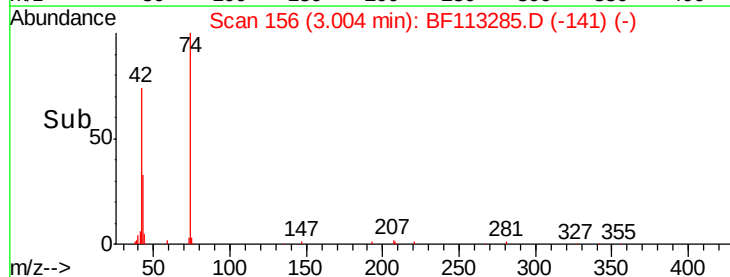
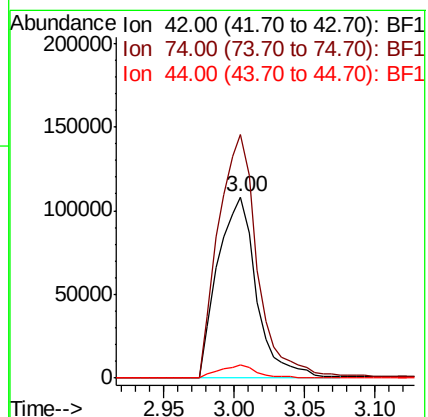
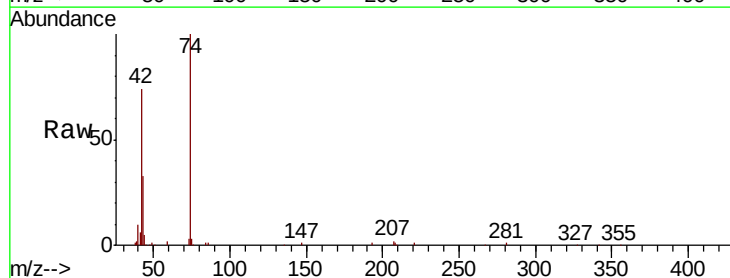
Tgt Ion: 42 Resp: 207299

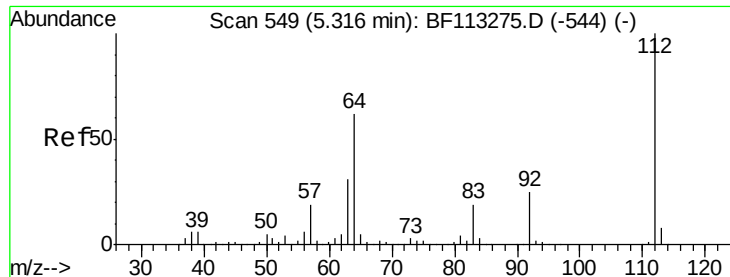
Ion Ratio Lower Upper

42 100

74 134.2 102.4 153.6

44 7.2 5.5 8.3





#5

2-Fluorophenol

Concen: 76.299 ng

RT: 5.32 min Scan# 549

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

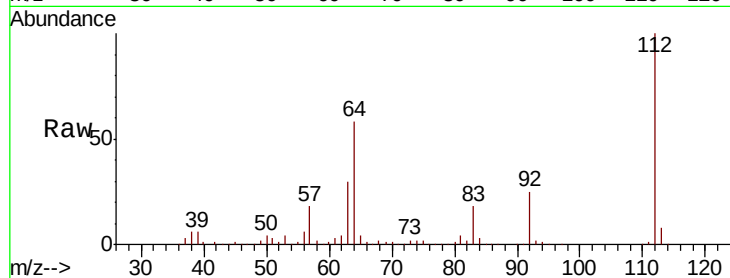
Tgt Ion: 112 Resp: 736496

Ion Ratio Lower Upper

112 100

64 58.3 49.2 73.8

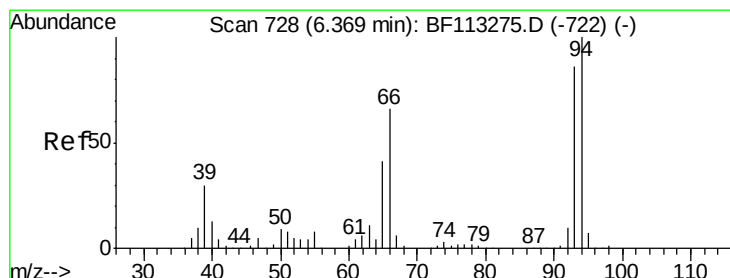
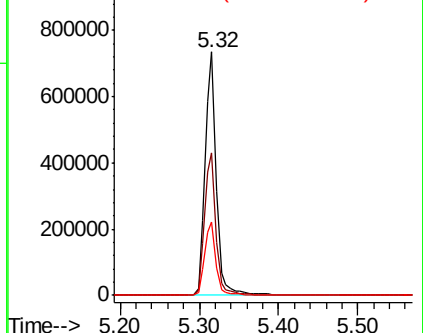
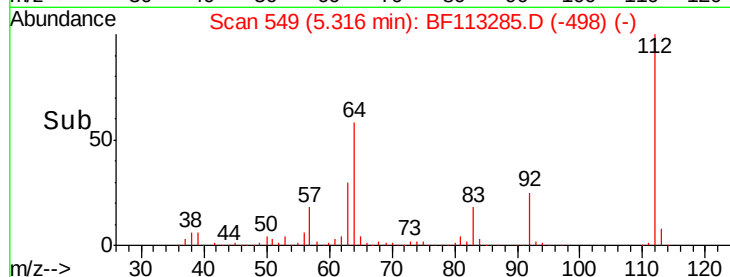
63 29.9 24.9 37.3



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: 41.489 ng

RT: 6.37 min Scan# 728

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

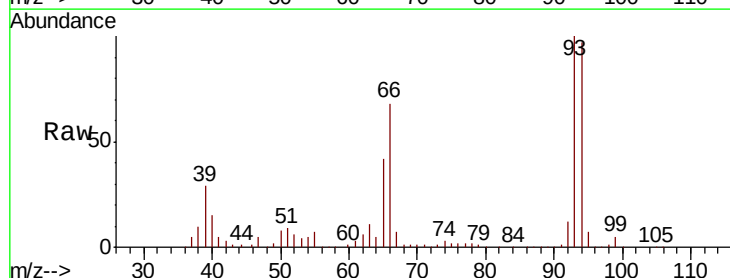
Tgt Ion: 93 Resp: 616970

Ion Ratio Lower Upper

93 100

66 67.9 62.1 93.1

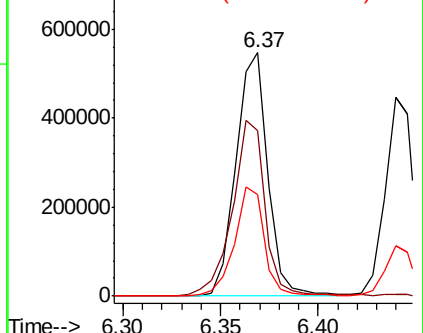
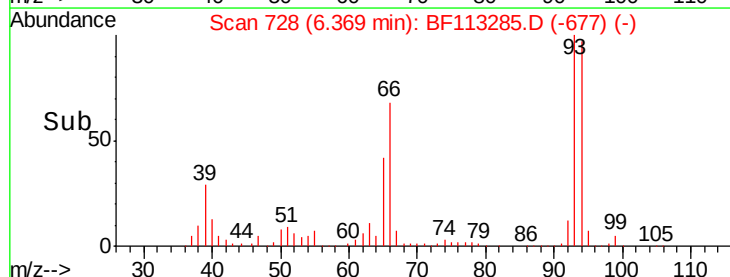
65 41.8 38.7 58.1

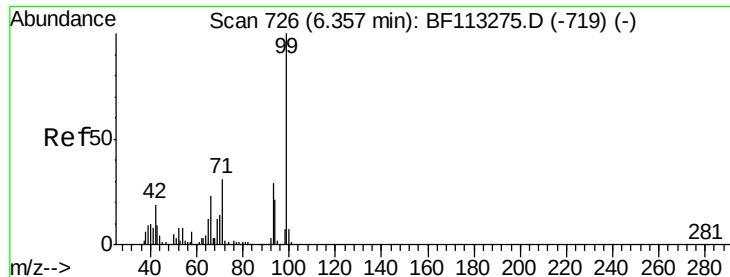


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.225 ng

RT: 6.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

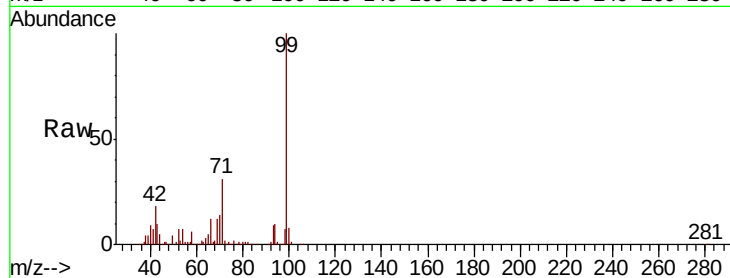
Tgt Ion: 99 Resp: 991864

Ion Ratio Lower Upper

99 100

42 18.5 14.8 22.2

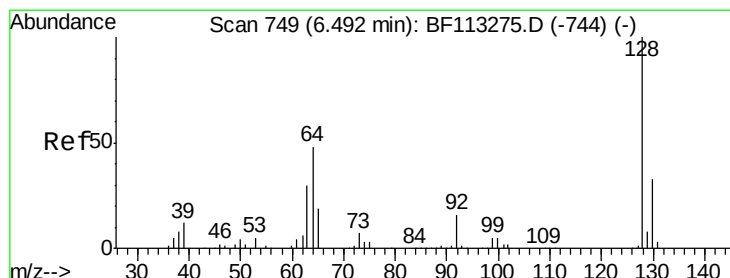
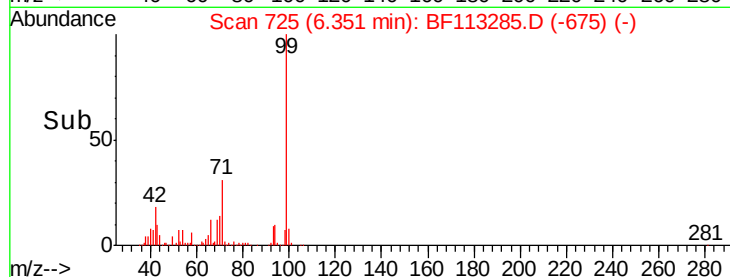
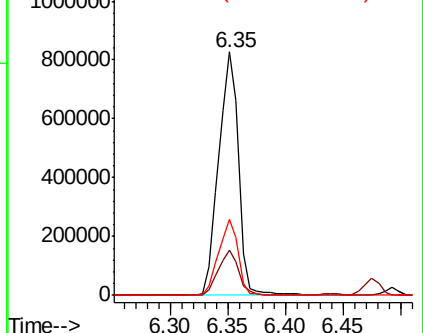
71 31.4 24.9 37.3



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 41.276 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

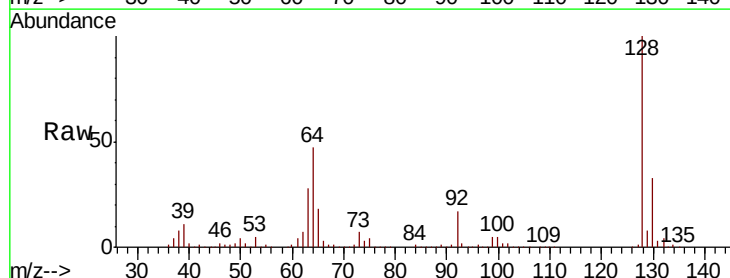
Tgt Ion: 128 Resp: 462679

Ion Ratio Lower Upper

128 100

130 32.6 12.6 52.6

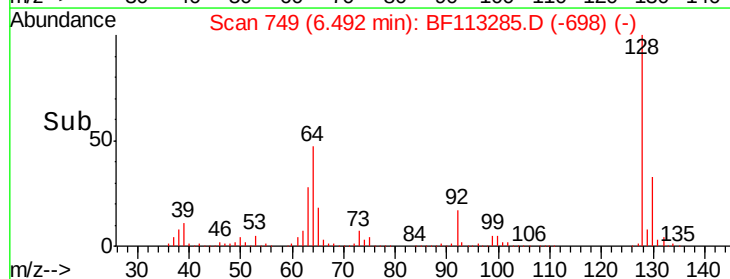
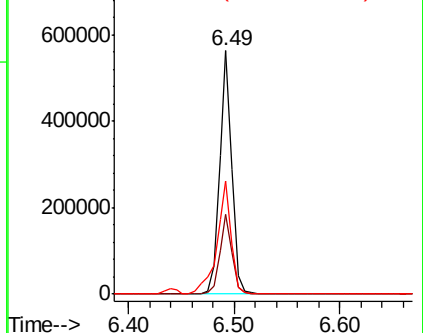
64 46.7 29.4 69.4

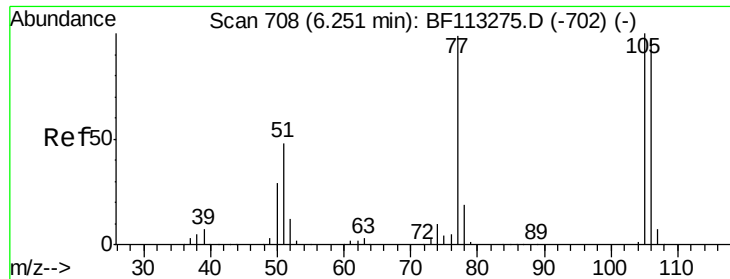


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 41.925 ng

RT: 6.25 min Scan# 708

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

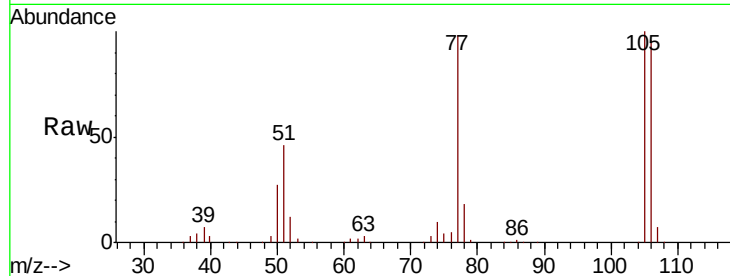
Tgt Ion: 77 Resp: 343545

Ion Ratio Lower Upper

77 100

105 102.3 80.9 120.9

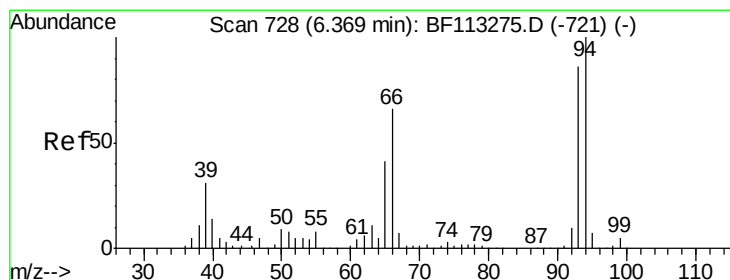
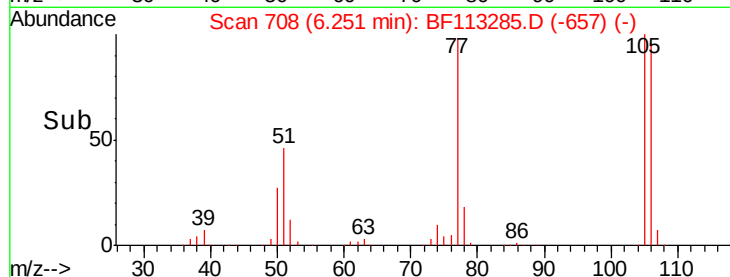
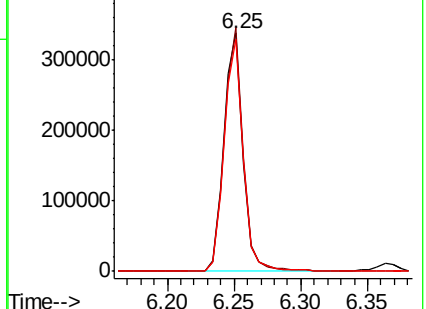
106 97.8 77.8 117.8



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: 40.683 ng

RT: 6.36 min Scan# 727

Delta R.T. -0.01 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

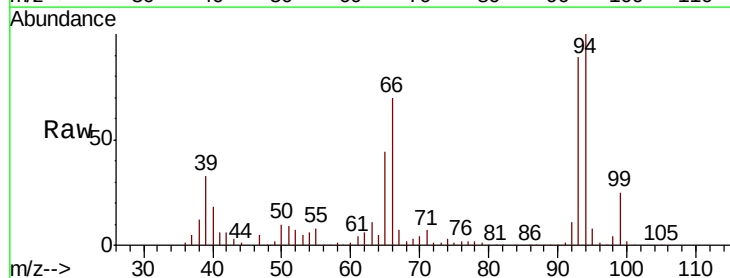
Tgt Ion: 94 Resp: 567156

Ion Ratio Lower Upper

94 100

65 43.5 21.4 61.4

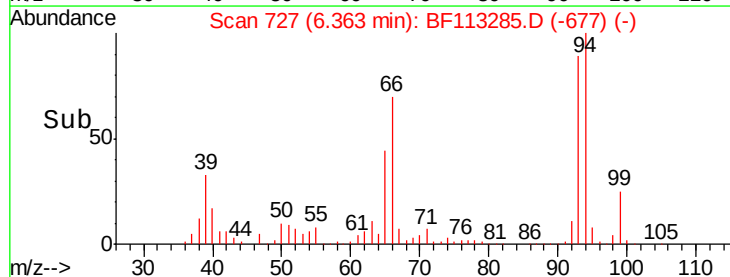
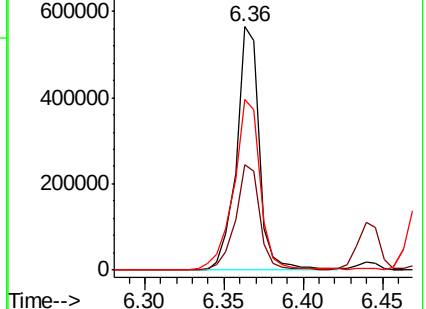
66 69.9 46.4 86.4

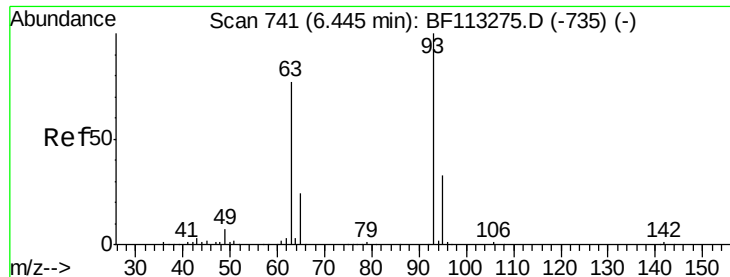


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 41.176 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

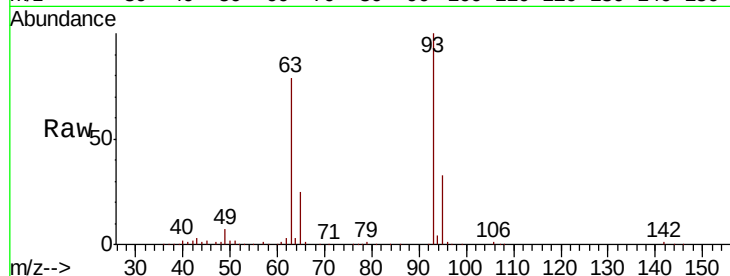
Tgt Ion: 93 Resp: 440015

Ion Ratio Lower Upper

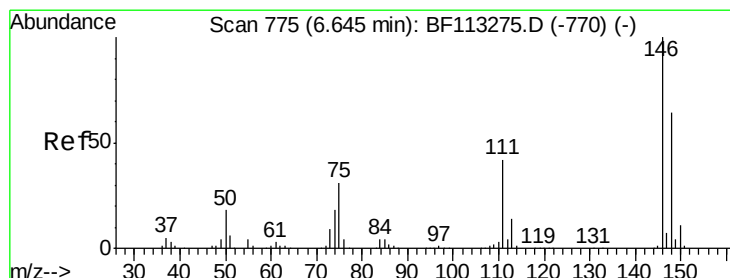
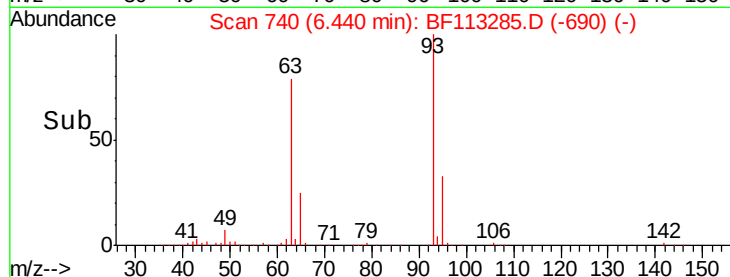
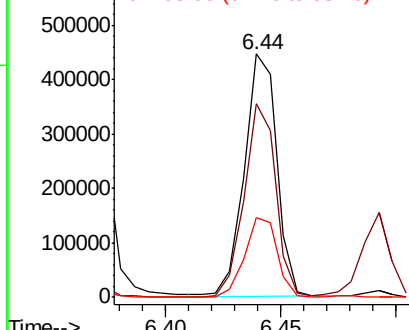
93 100

63 79.5 56.1 96.1

95 32.5 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: 40.223 ng

RT: 6.65 min Scan# 775

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

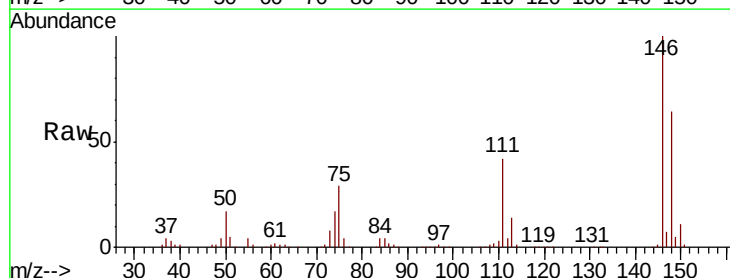
Tgt Ion: 146 Resp: 486015

Ion Ratio Lower Upper

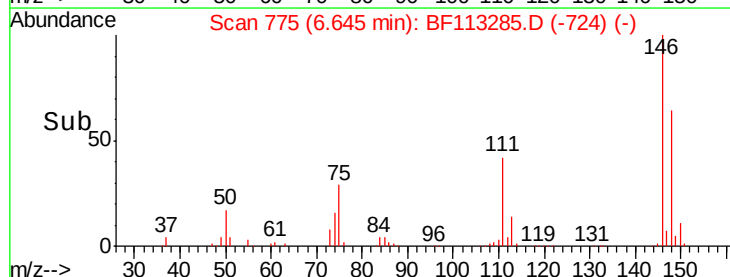
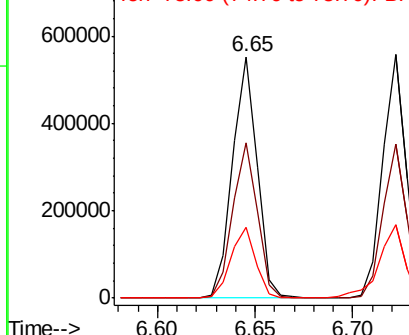
146 100

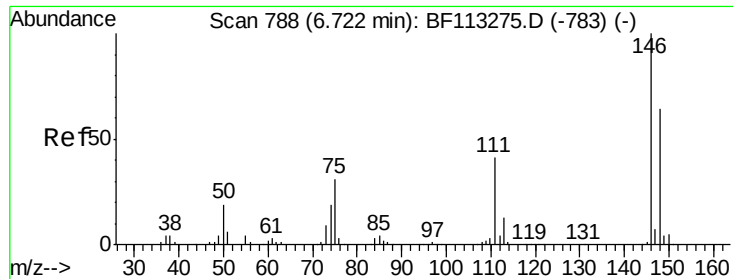
148 64.4 51.4 77.0

75 29.2 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

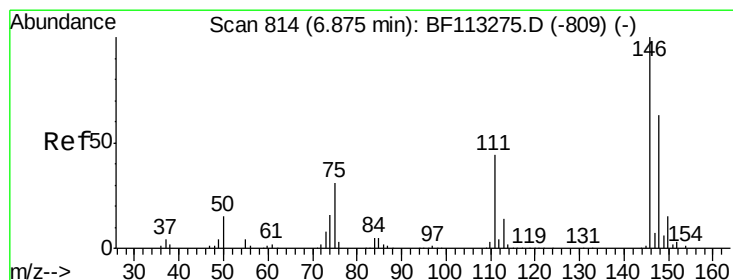
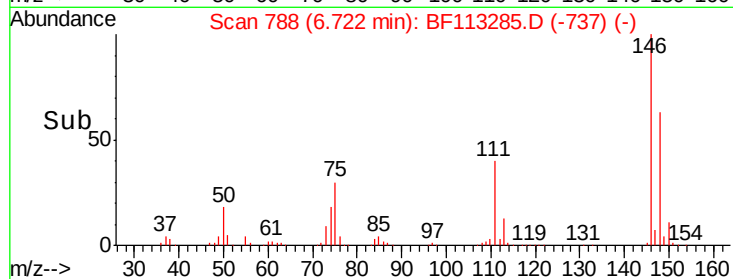
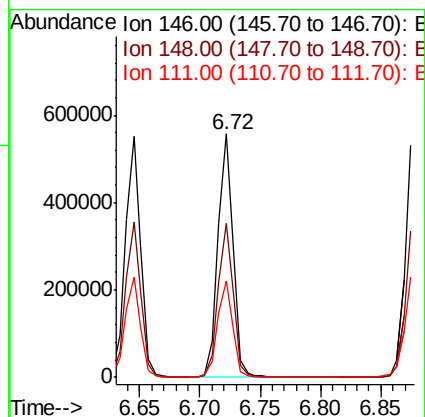
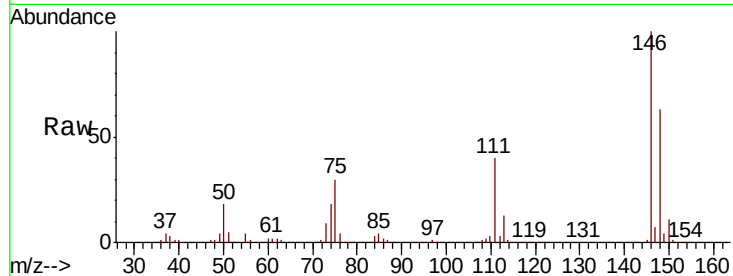




#13
 1,4-Dichlorobenzene
 Concen: 40.321 ng
 RT: 6.72 min Scan# 788
 Delta R.T. 0.00 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

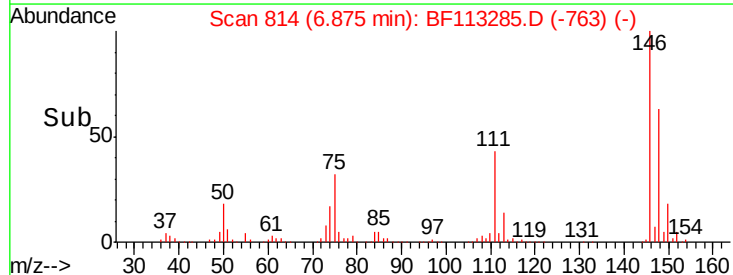
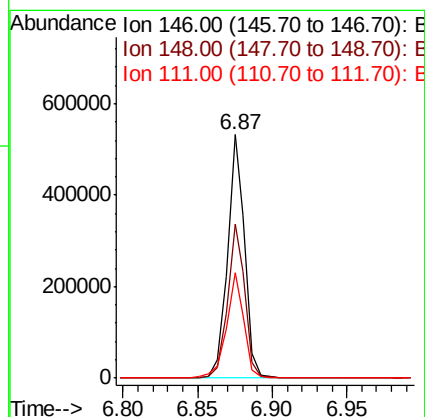
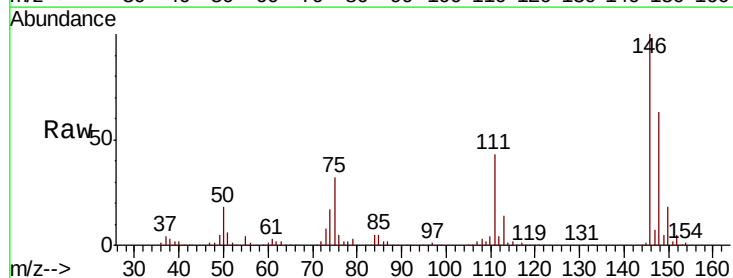
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

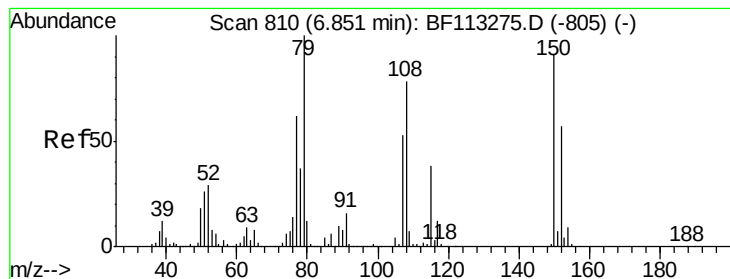
Tgt Ion:146 Resp: 470399
 Ion Ratio Lower Upper
 146 100
 148 63.1 51.1 76.7
 111 39.8 32.8 49.2



#14
 1,2-Dichlorobenzene
 Concen: 37.743 ng
 RT: 6.87 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Tgt Ion:146 Resp: 433199
 Ion Ratio Lower Upper
 146 100
 148 63.1 50.2 75.4
 111 43.3 35.4 53.2





#15

Benzyl Alcohol

Concen: 39.389 ng

RT: 6.85 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

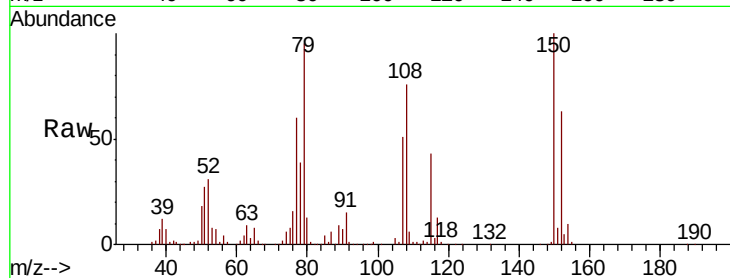
Tgt Ion: 79 Resp: 317314

Ion Ratio Lower Upper

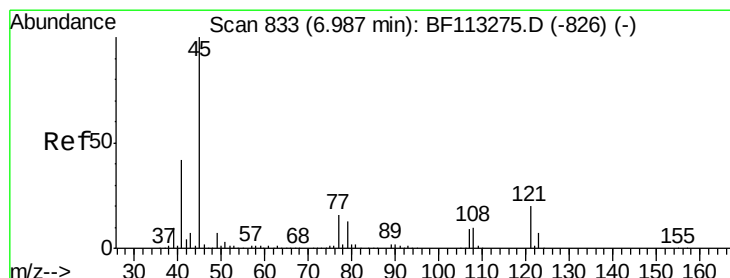
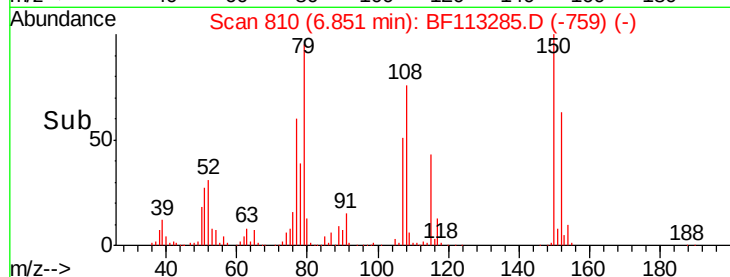
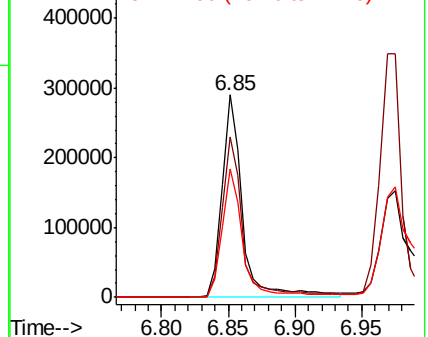
79 100

108 79.4 62.0 93.0

77 63.3 49.9 74.9



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 41.562 ng

RT: 6.99 min Scan# 833

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

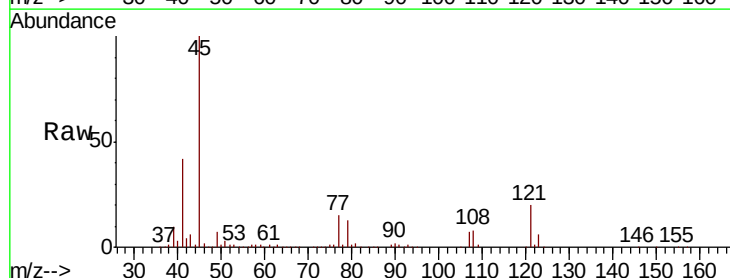
Tgt Ion: 45 Resp: 667207

Ion Ratio Lower Upper

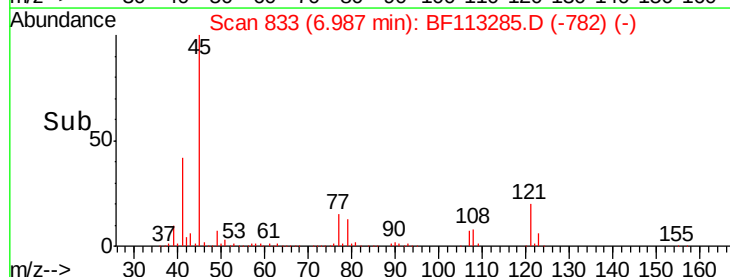
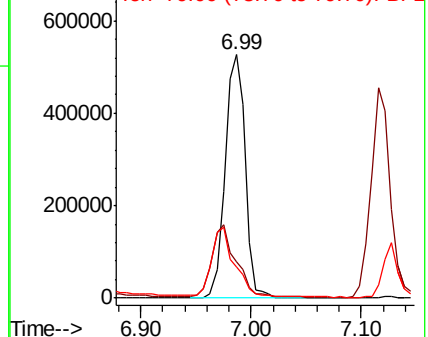
45 100

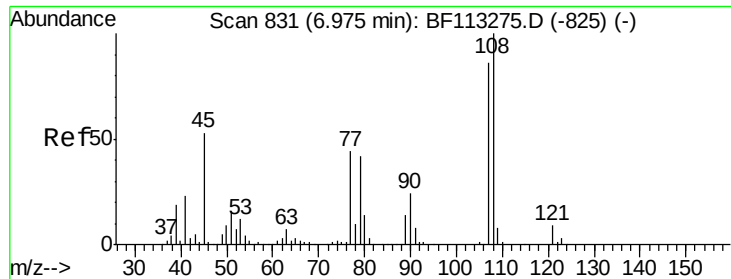
77 14.7 0.0 36.6

79 12.7 0.0 34.0



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

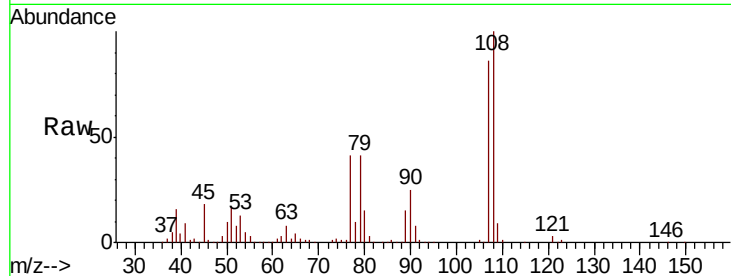




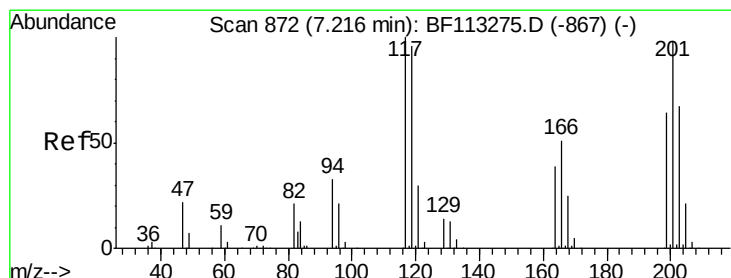
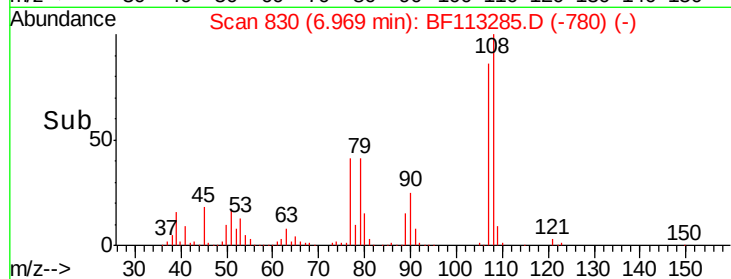
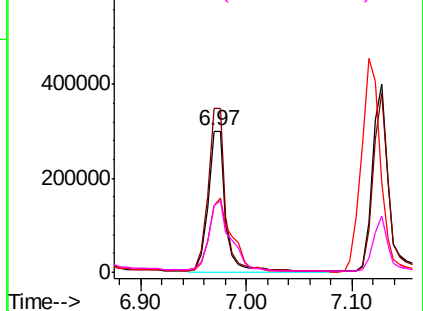
#17
2-Methylphenol
Concen: 40.165 ng
RT: 6.97 min Scan# 830
Delta R.T. -0.01 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:	107	Resp:	352835
Ion	Ratio	Lower	Upper
107	100		
108	115.9	93.4	140.0
77	47.5	41.2	61.8
79	47.0	40.1	60.1

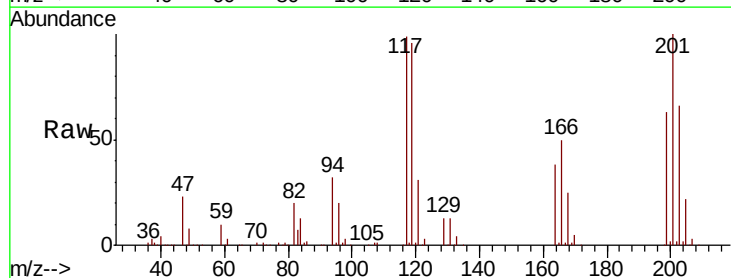


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

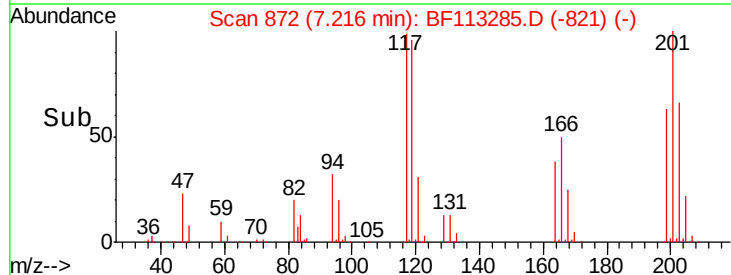
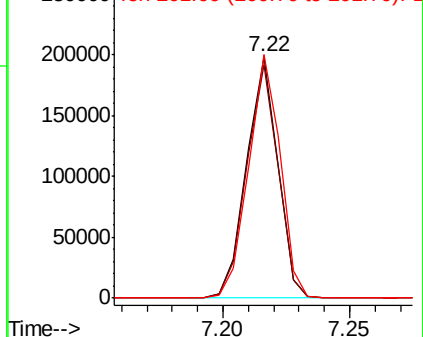


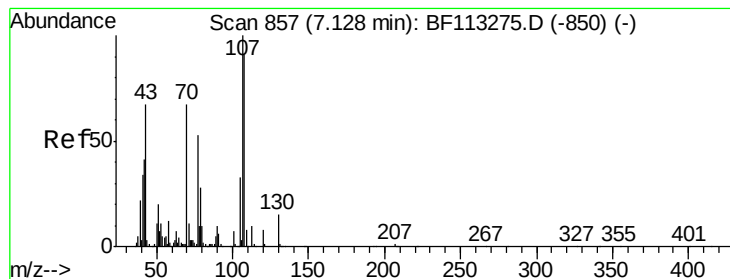
#18
Hexachloroethane
Concen: 40.713 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Tgt Ion:	117	Resp:	170599
Ion	Ratio	Lower	Upper
117	100		
119	96.6	76.9	115.3
201	100.8	78.7	118.1



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 38.538 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 70 Resp: 295602

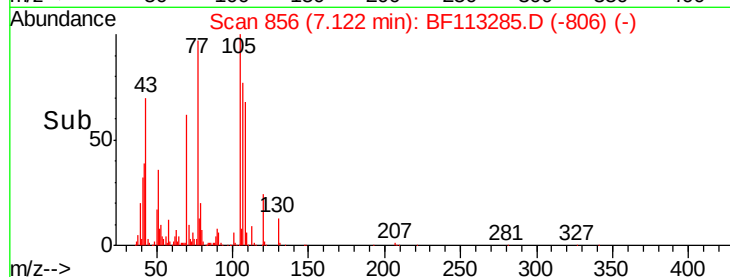
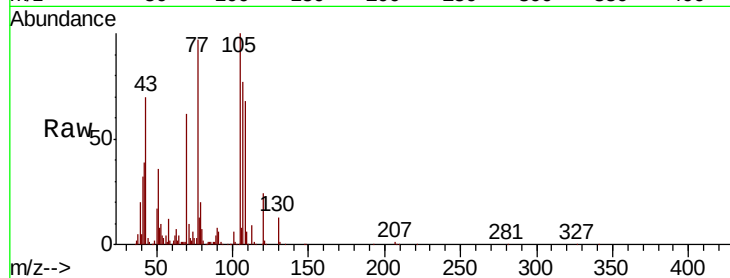
Ion Ratio Lower Upper

70 100

42 62.9 48.4 72.6

101 9.2 7.8 11.8

130 20.8 18.2 27.4

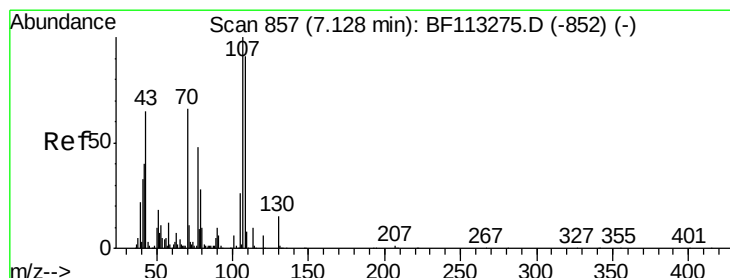
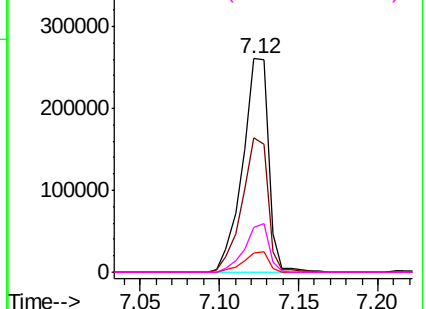


Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20

3+4-Methylphenols

Concen: 42.354 ng

RT: 7.13 min Scan# 857

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Tgt Ion: 107 Resp: 431806

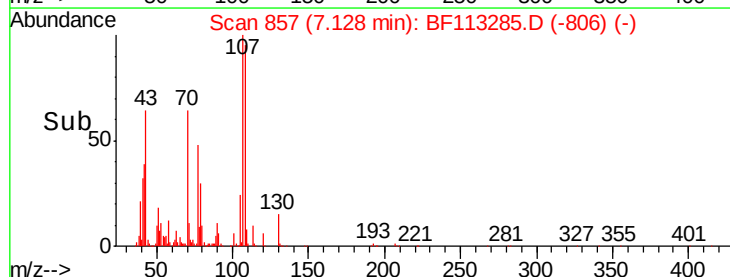
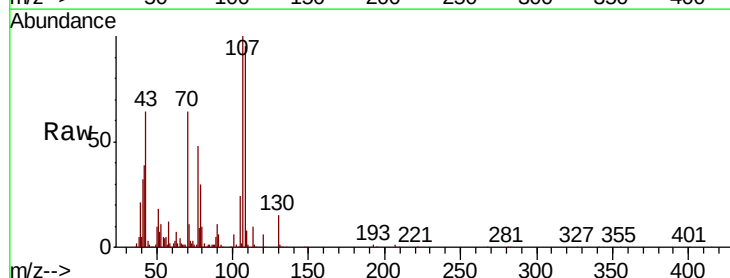
Ion Ratio Lower Upper

107 100

108 95.2 71.4 111.4

77 47.5 33.5 73.5

79 29.7 8.3 48.3

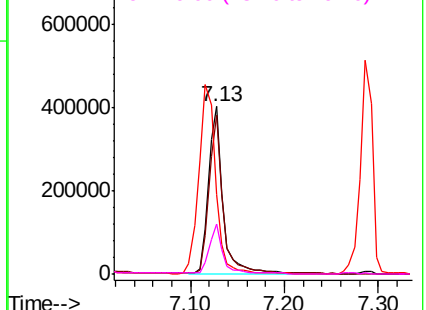


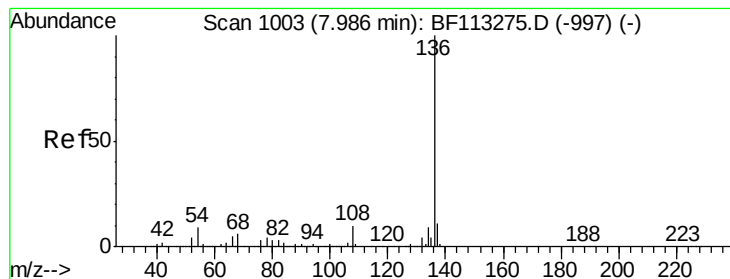
Abundance Ion 107.00 (106.70 to 107.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.99 min Scan# 1003

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion:136 Resp: 687736

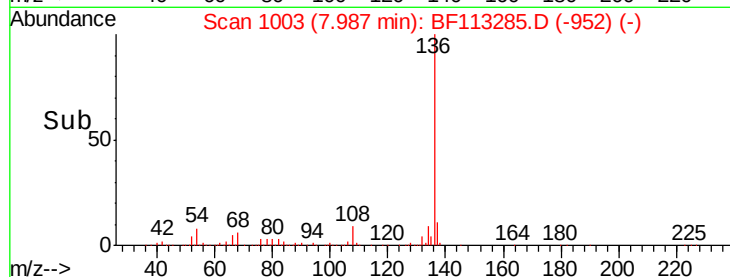
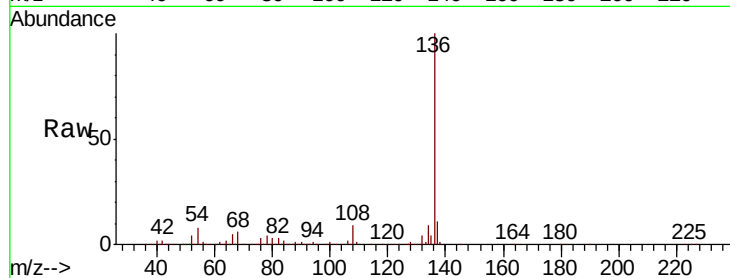
Ion Ratio Lower Upper

136 100

137 11.0 8.9 13.3

54 8.3 7.0 10.6

68 6.0 4.8 7.2

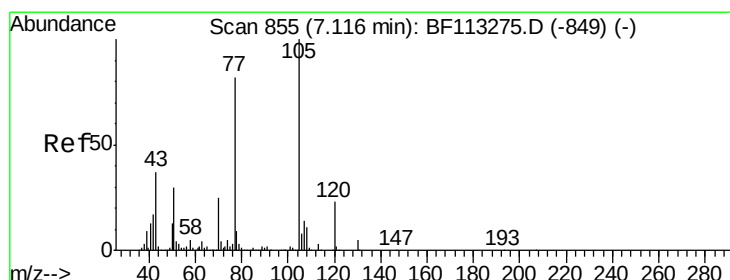
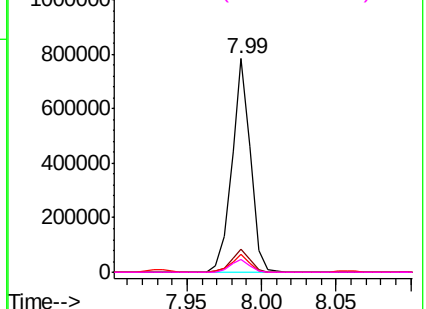


Abundance Ion 136.00 (135.70 to 136.70): E

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: 36.972 ng

RT: 7.12 min Scan# 855

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Tgt Ion:105 Resp: 579869

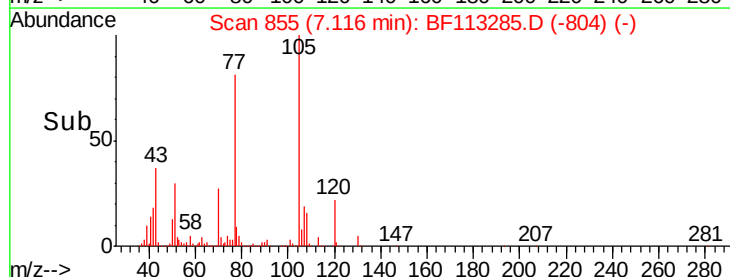
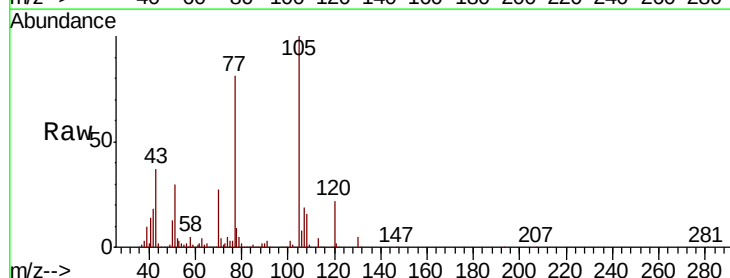
Ion Ratio Lower Upper

105 100

71 4.5 3.3 4.9

51 30.2 24.2 36.2

120 22.4 18.1 27.1

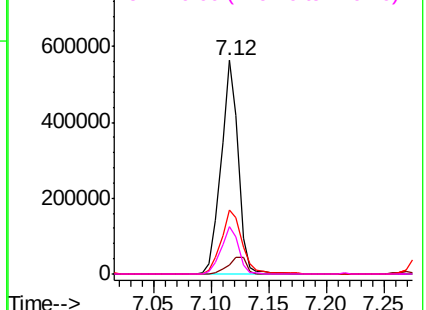


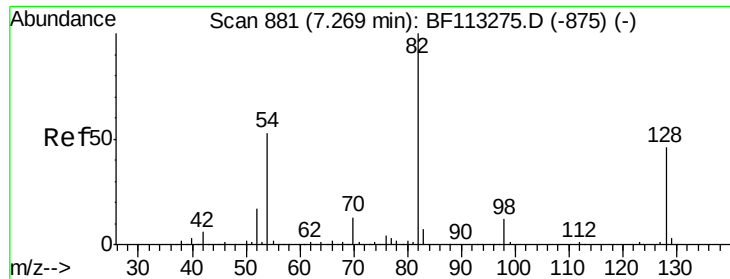
Abundance Ion 105.00 (104.70 to 105.70): E

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

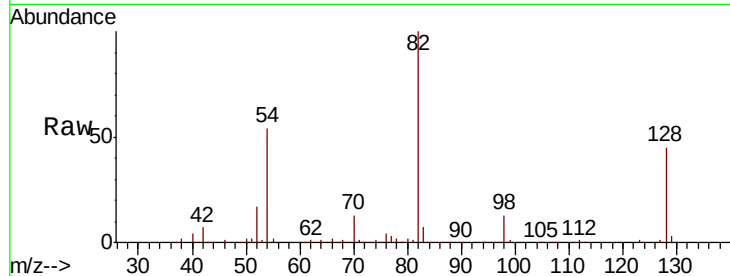




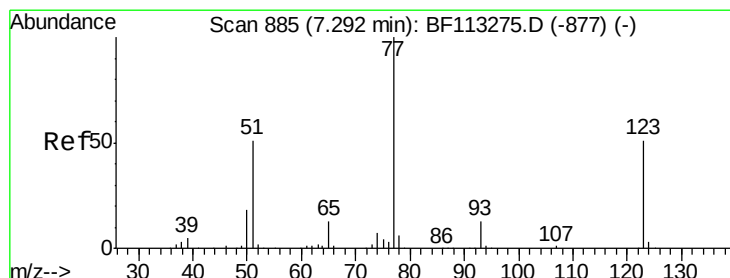
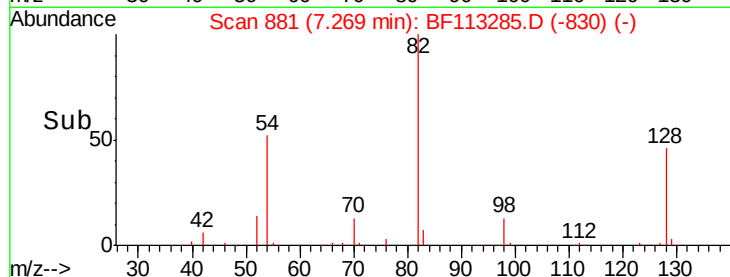
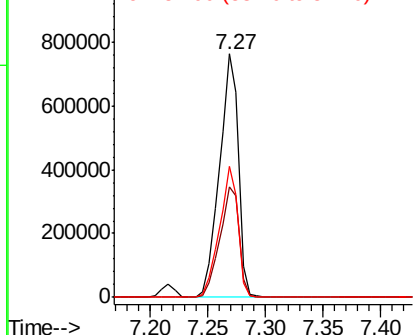
#23
 Nitrobenzene-d5
 Concen: 74.803 ng
 RT: 7.27 min Scan# 881
 Delta R.T. 0.00 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion: 82 Resp: 866742
 Ion Ratio Lower Upper
 82 100
 128 45.5 36.5 54.7
 54 53.7 42.2 63.2

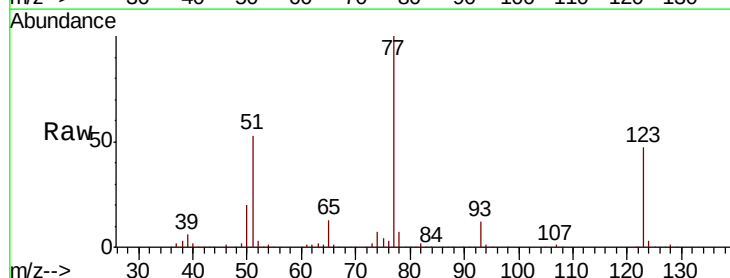


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

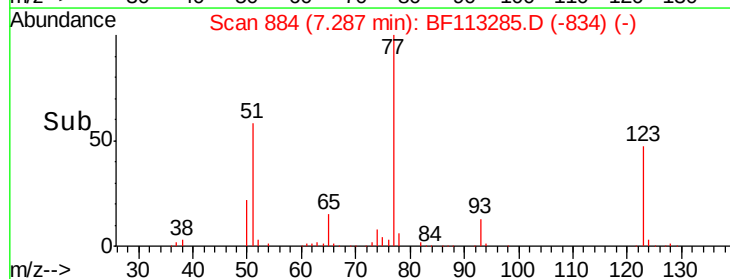
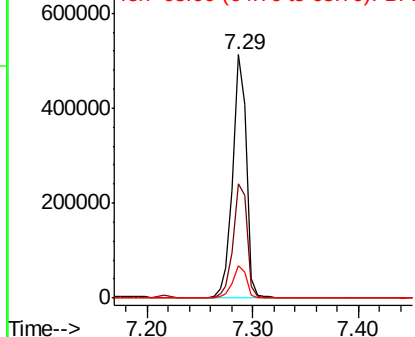


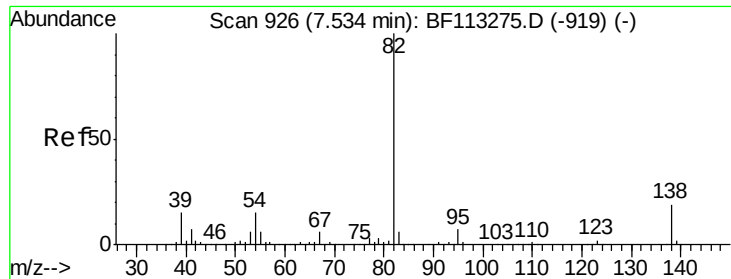
#24
 Nitrobenzene
 Concen: 37.795 ng
 RT: 7.29 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Tgt Ion: 77 Resp: 456982
 Ion Ratio Lower Upper
 77 100
 123 46.8 40.8 61.2
 65 13.4 10.6 16.0



Abundance Ion 77.00 (76.70 to 77.70): BF1
 Ion 123.00 (122.70 to 123.70): BF1
 Ion 65.00 (64.70 to 65.70): BF1

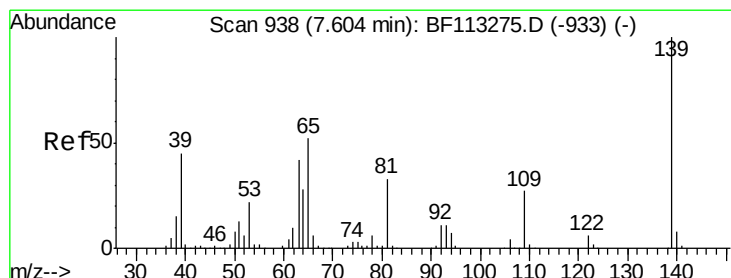
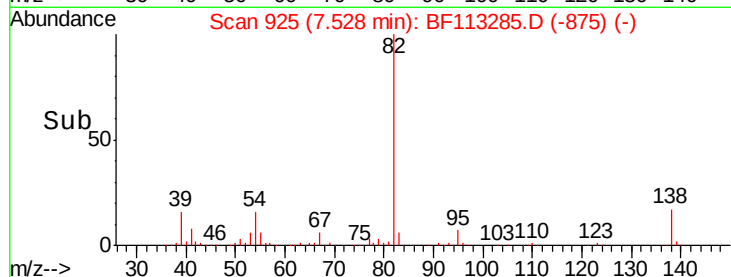
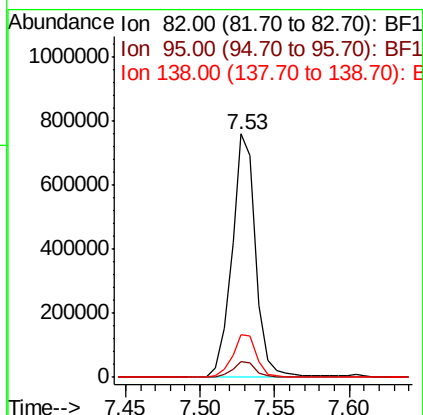
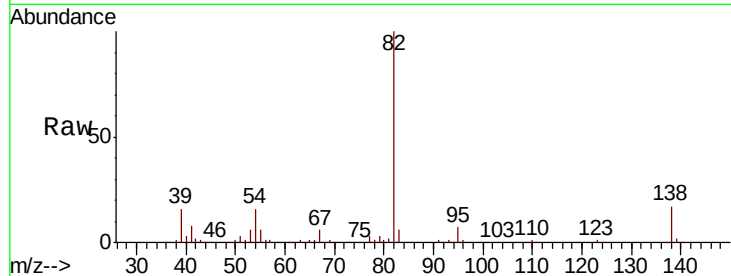




#25
Isophorone
Concen: 37.745 ng
RT: 7.53 min Scan# 925
Delta R.T. -0.01 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

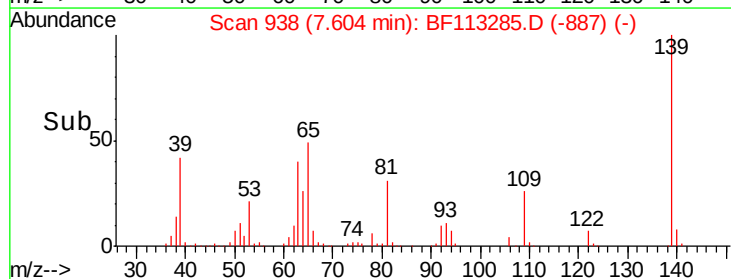
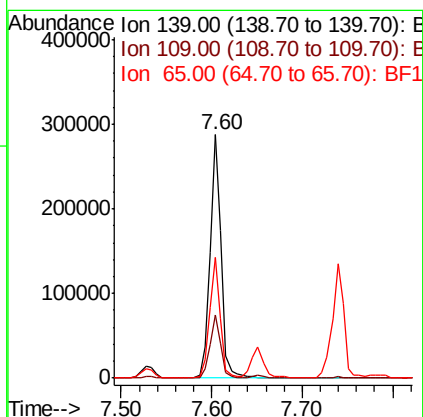
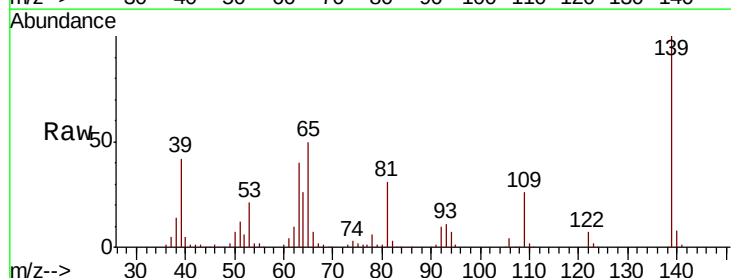
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

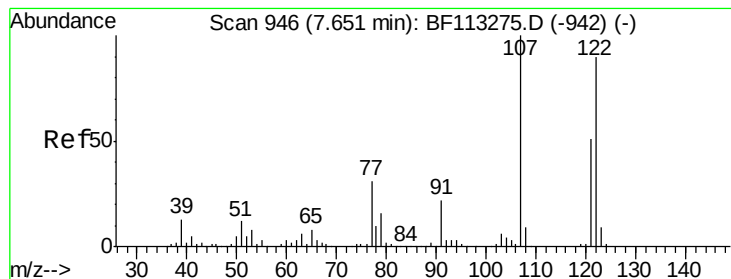
Tgt Ion: 82 Resp: 847577
Ion Ratio Lower Upper
82 100
95 6.7 5.5 8.3
138 17.3 15.2 22.8



#26
2-Nitrophenol
Concen: 39.074 ng
RT: 7.60 min Scan# 938
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Tgt Ion: 139 Resp: 249726
Ion Ratio Lower Upper
139 100
109 25.7 21.7 32.5
65 49.6 41.6 62.4





#27

2,4-Dimethylphenol

Concen: 38.939 ng

RT: 7.65 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

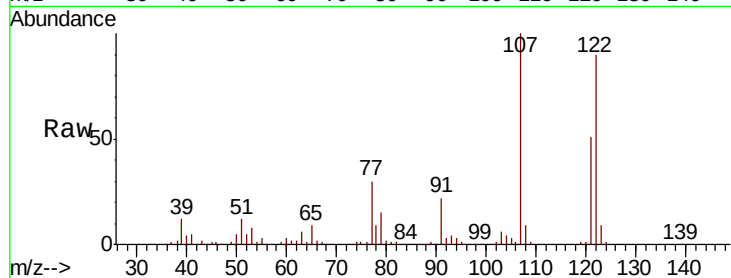
Tgt Ion: 122 Resp: 357992

Ion Ratio Lower Upper

122 100

107 110.7 88.8 133.2

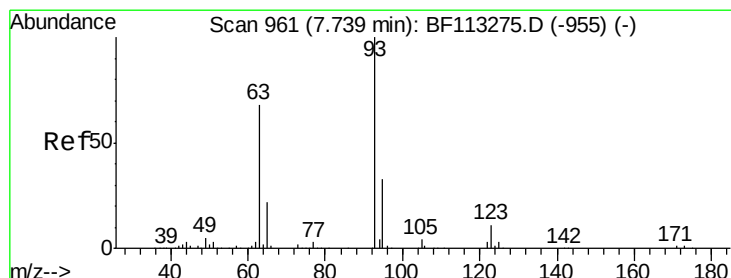
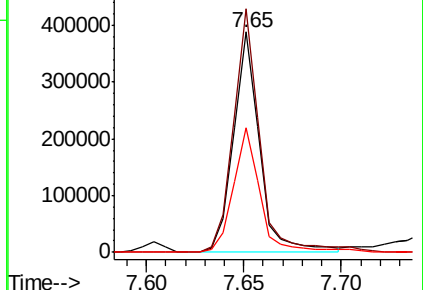
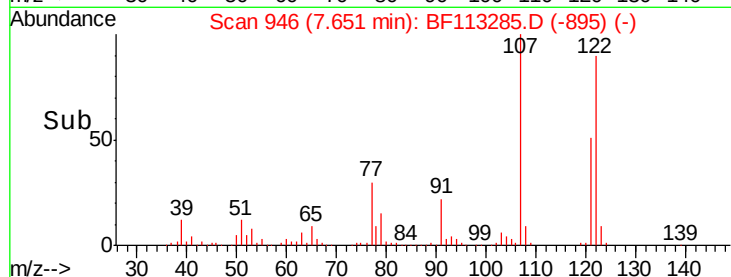
121 56.7 45.5 68.3



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 39.628 ng

RT: 7.74 min Scan# 961

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

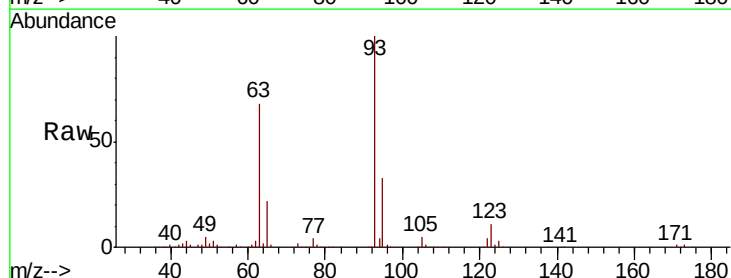
Tgt Ion: 93 Resp: 560373

Ion Ratio Lower Upper

93 100

95 33.5 26.0 39.0

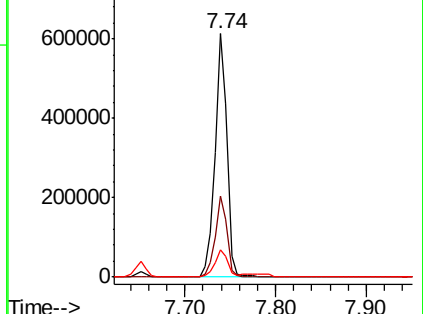
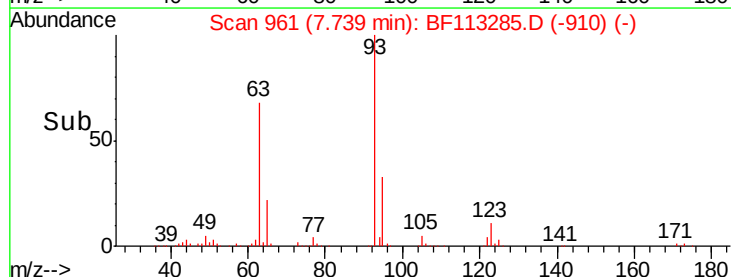
123 11.3 9.1 13.7

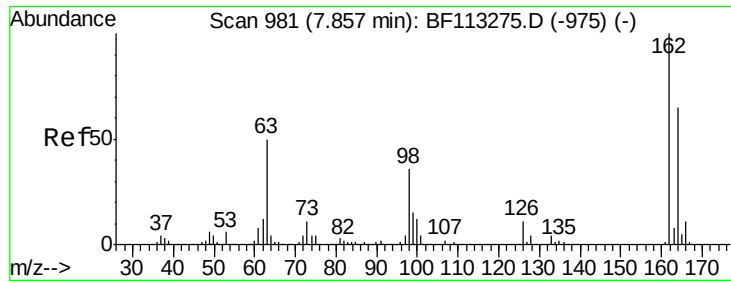


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

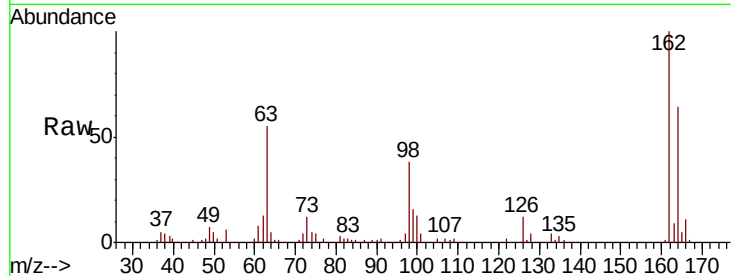




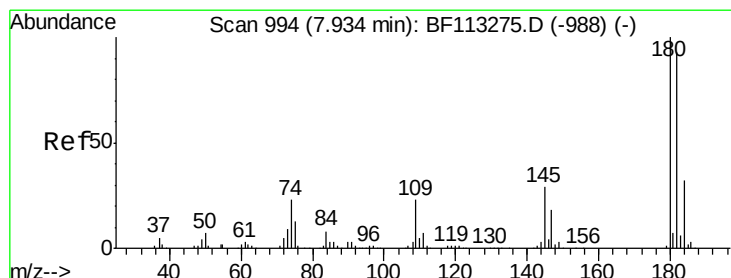
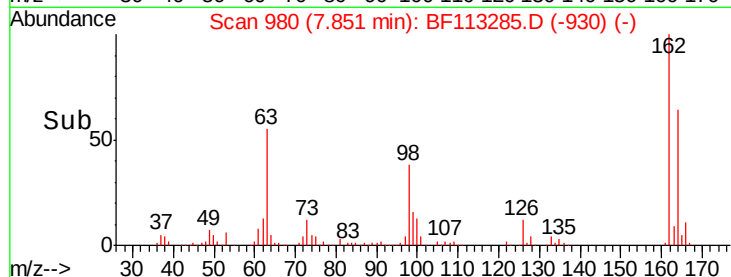
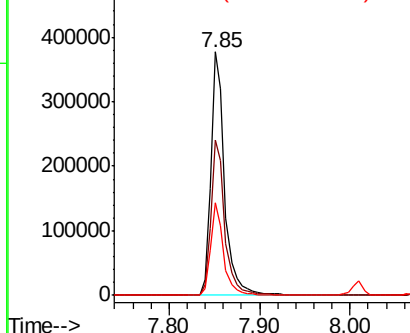
#29
2,4-Dichlorophenol
Concen: 40.330 ng
RT: 7.85 min Scan# 980
Delta R.T. -0.01 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
164	63.7	44.6	84.6
98	38.2	15.6	55.6

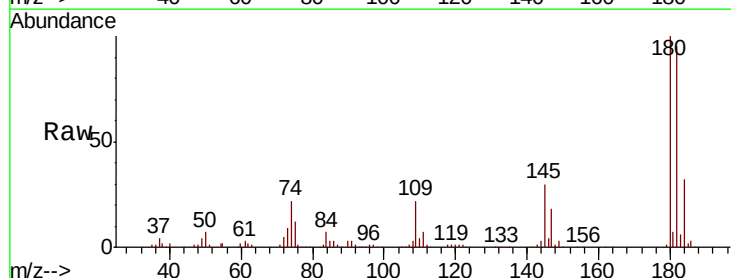


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

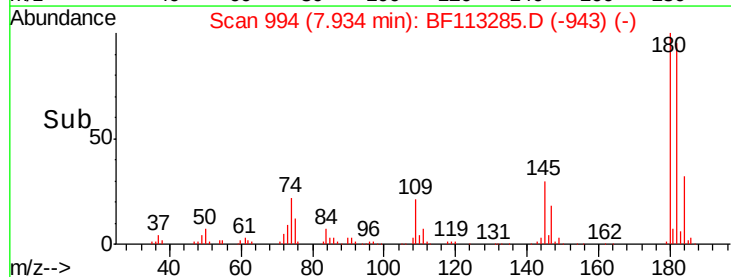
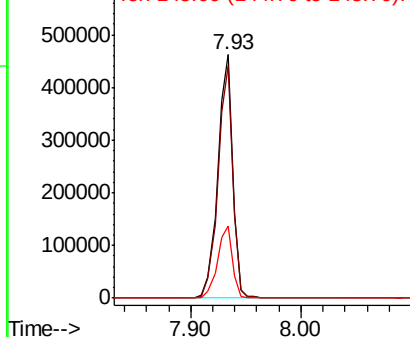


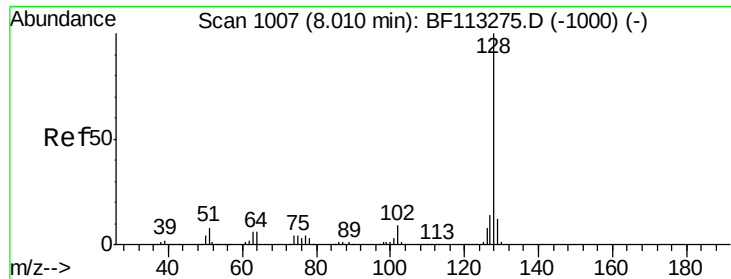
#30
1,2,4-Trichlorobenzene
Concen: 40.099 ng
RT: 7.93 min Scan# 994
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.5	74.6	111.8
145	29.6	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

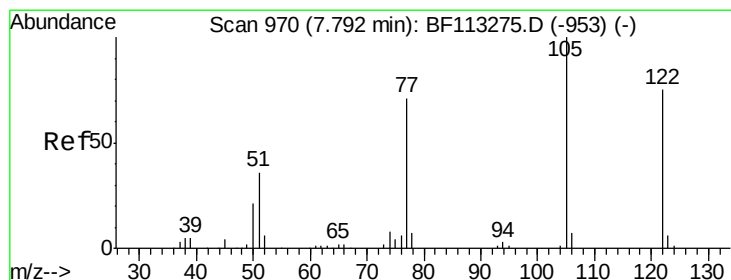
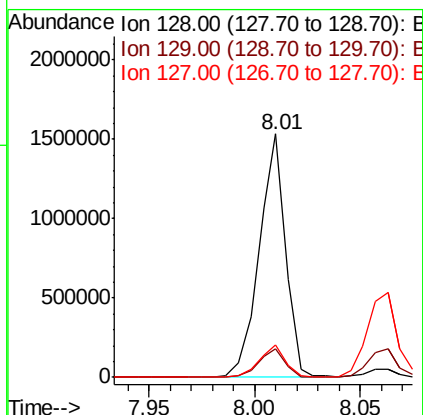
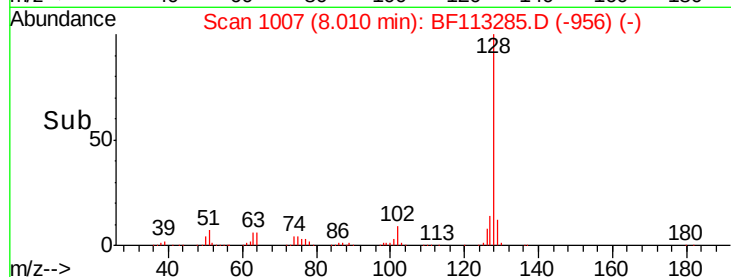
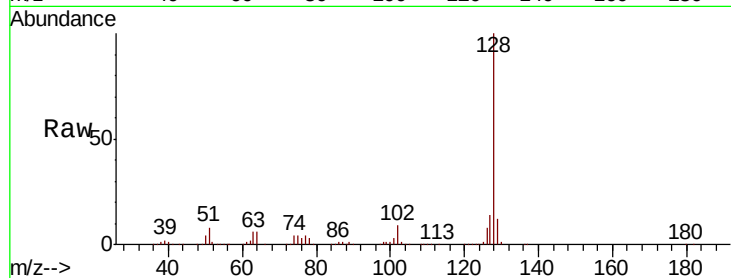




#31
Naphthalene
Concen: 39.676 ng
RT: 8.01 min Scan# 1007
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

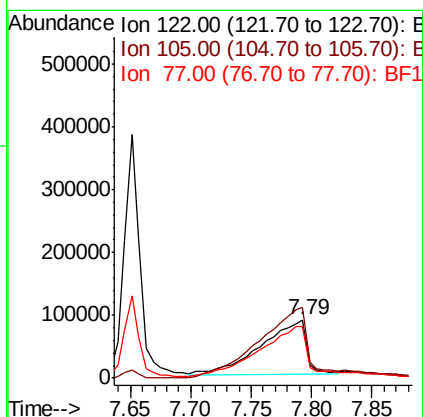
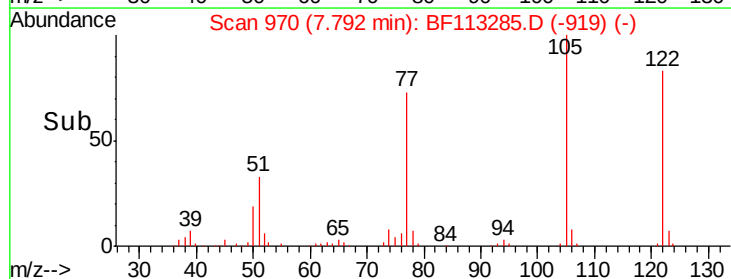
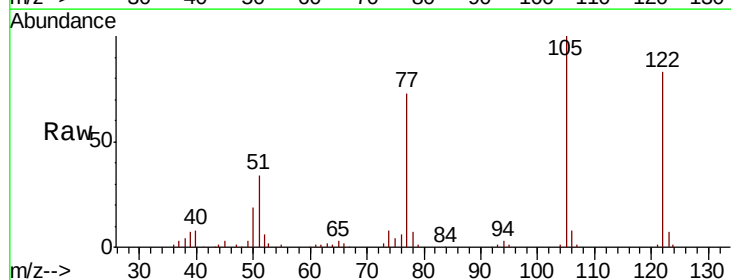
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

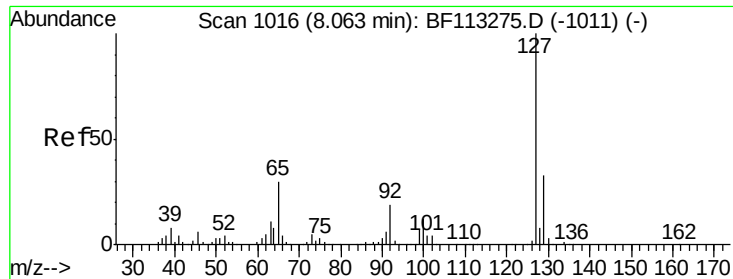
Tgt Ion:128 Resp: 1333434
Ion Ratio Lower Upper
128 100
129 11.6 9.3 13.9
127 13.6 10.9 16.3



#32
Benzoic acid
Concen: 30.005 ng
RT: 7.79 min Scan# 970
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Tgt Ion:122 Resp: 222050
Ion Ratio Lower Upper
122 100
105 120.8 100.4 140.4
77 88.3 69.0 109.0

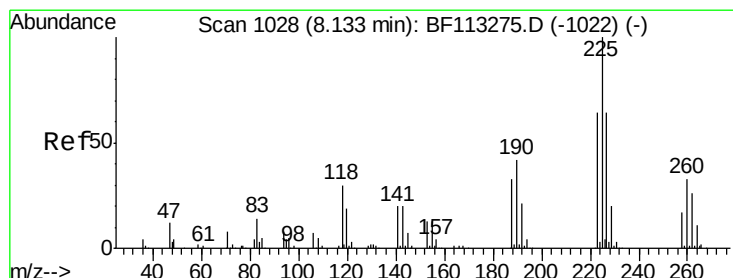
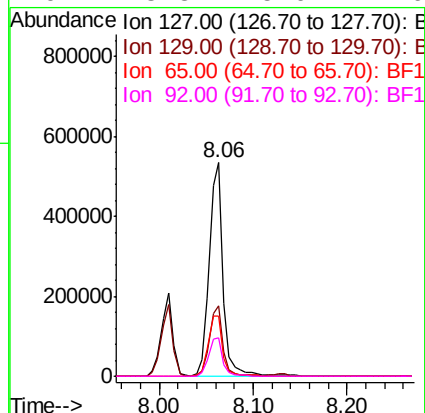
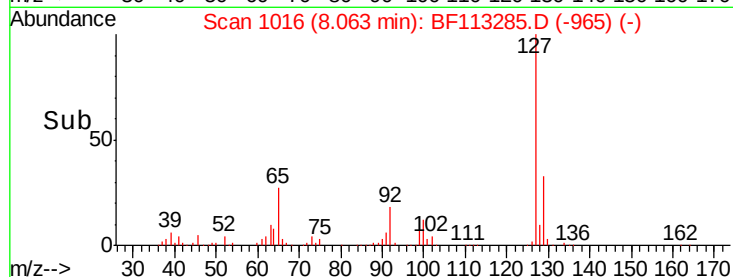
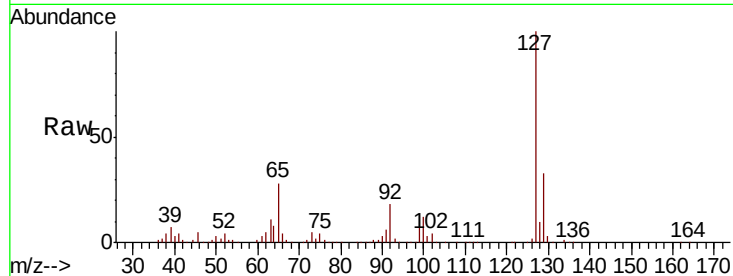




#33
4-Chloroaniline
Concen: 42.166 ng
RT: 8.06 min Scan# 1016
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

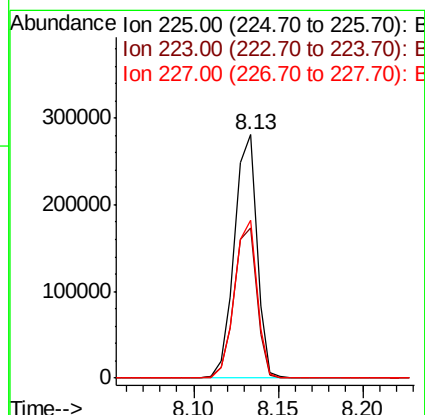
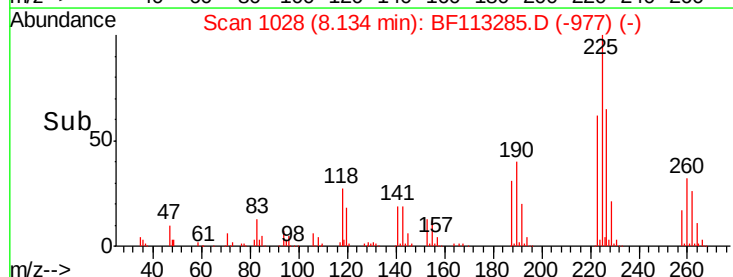
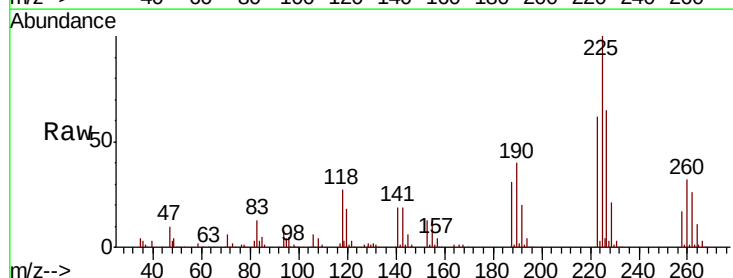
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

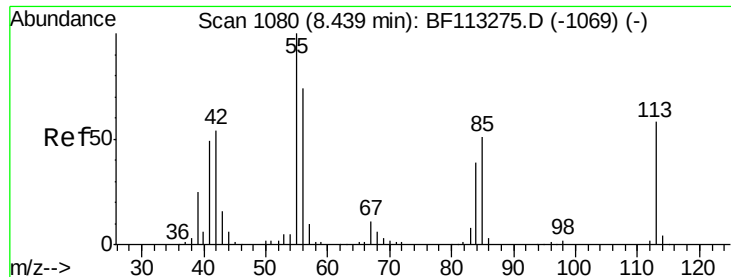
Tgt Ion:	127	Resp:	552595
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.3	39.5
65	27.9	24.2	36.4
92	18.3	15.0	22.6



#34
Hexachlorobutadiene
Concen: 40.781 ng
RT: 8.13 min Scan# 1028
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Tgt Ion:	225	Resp:	260533
Ion	Ratio	Lower	Upper
225	100		
223	61.5	51.4	77.2
227	64.8	51.1	76.7

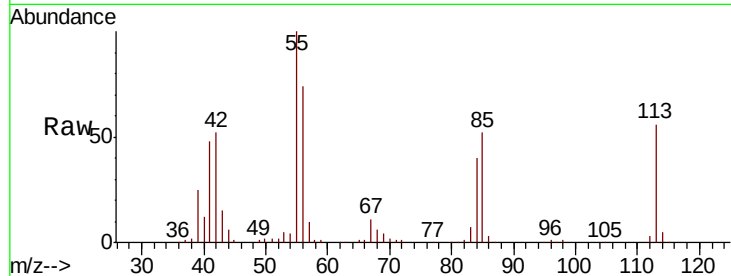




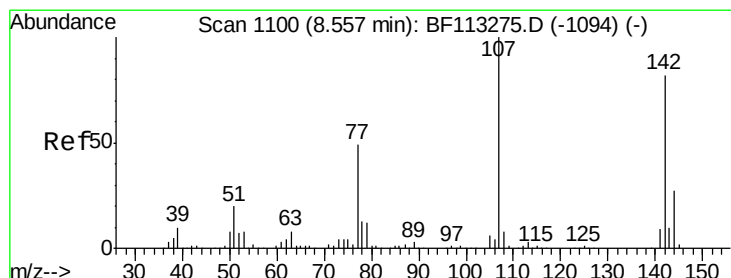
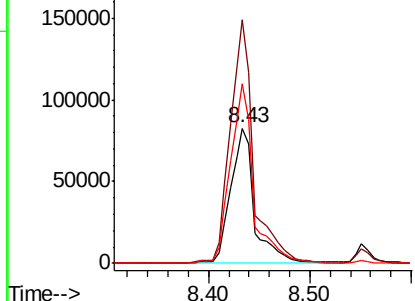
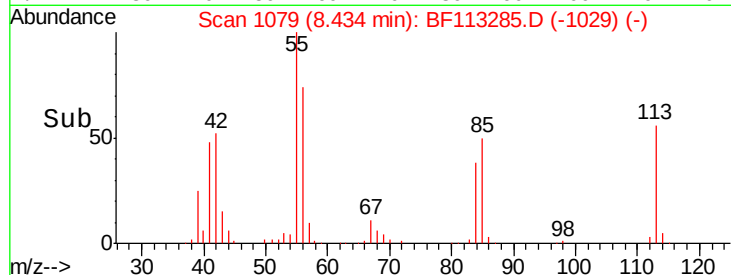
#35
 Caprolactam
 Concen: 41.818 ng
 RT: 8.43 min Scan# 1079
 Delta R.T. -0.01 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:113 Resp: 133714
 Ion Ratio Lower Upper
 113 100
 55 179.8 152.7 192.7
 56 133.0 108.3 148.3

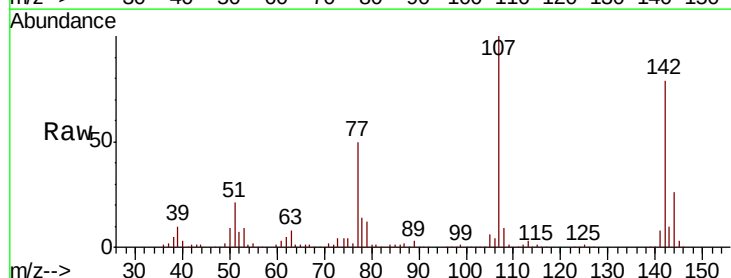


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

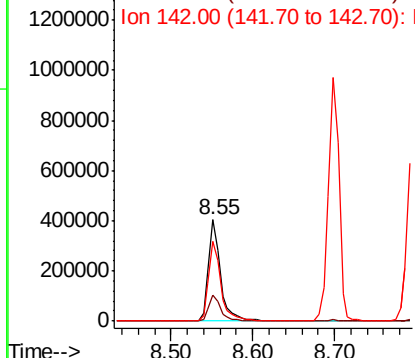
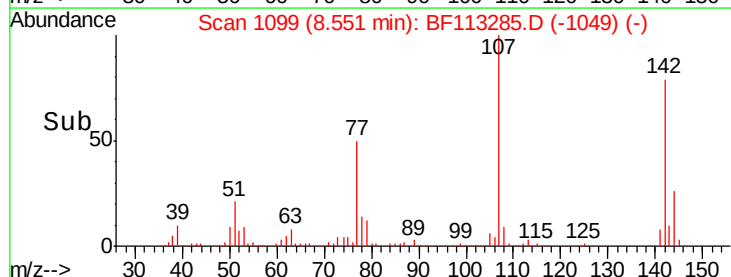


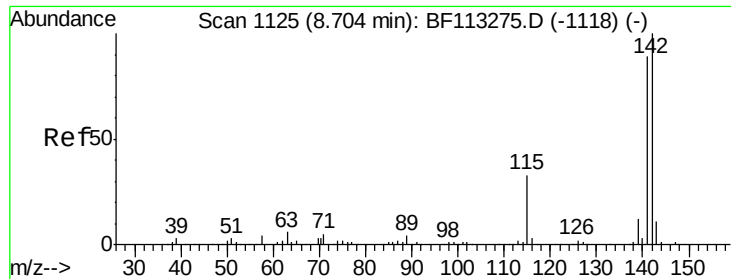
#36
 4-Chloro-3-methylphenol
 Concen: 41.088 ng
 RT: 8.55 min Scan# 1099
 Delta R.T. -0.01 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Tgt Ion:107 Resp: 411731
 Ion Ratio Lower Upper
 107 100
 144 26.1 21.4 32.0
 142 79.4 65.6 98.4



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

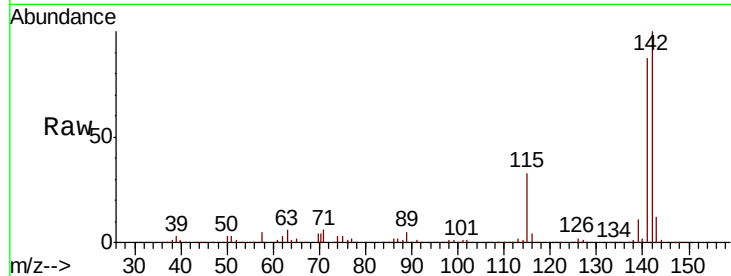




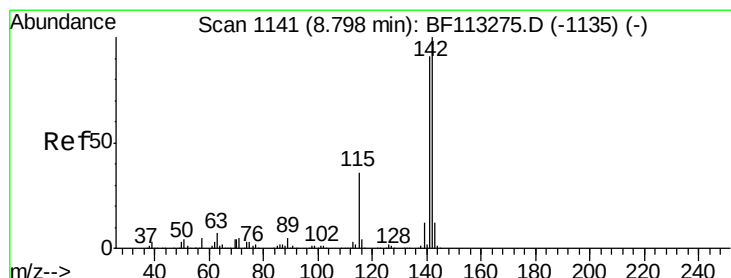
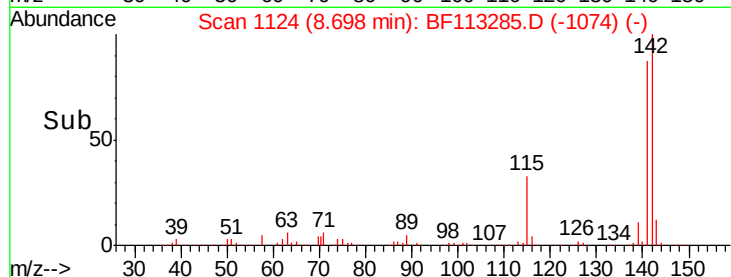
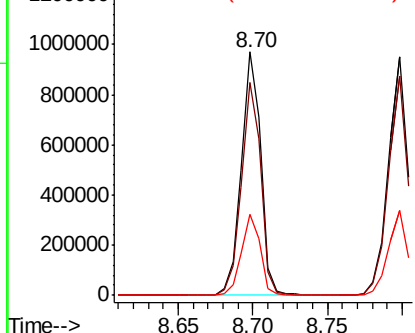
#37
2-Methylnaphthalene
Concen: 41.748 ng
RT: 8.70 min Scan# 1124
Delta R.T. -0.01 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:142 Resp: 875472
Ion Ratio Lower Upper
142 100
141 87.4 71.0 106.6
115 33.5 26.6 39.8

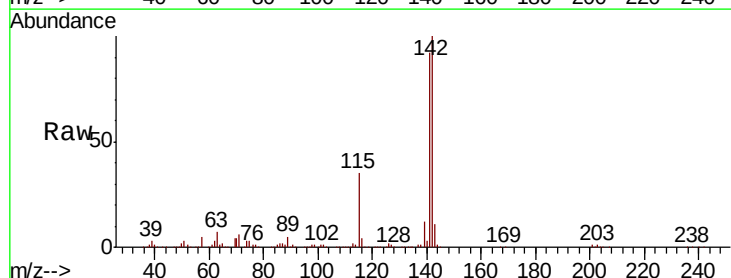


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

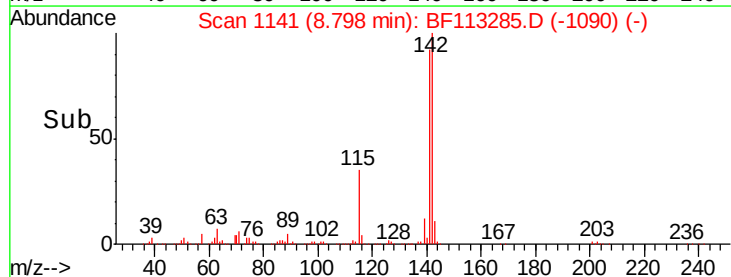
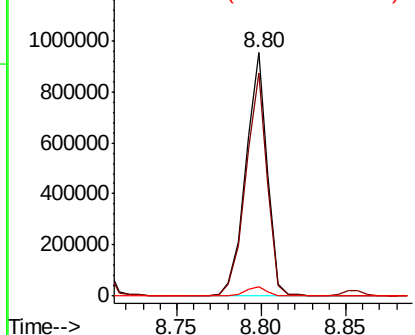


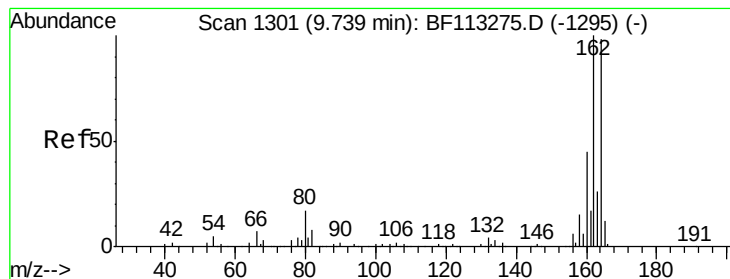
#38
1-Methylnaphthalene
Concen: 41.622 ng
RT: 8.80 min Scan# 1141
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Tgt Ion:142 Resp: 839544
Ion Ratio Lower Upper
142 100
141 91.6 73.2 109.8
116 3.6 3.0 4.4



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.74 min Scan# 1301

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

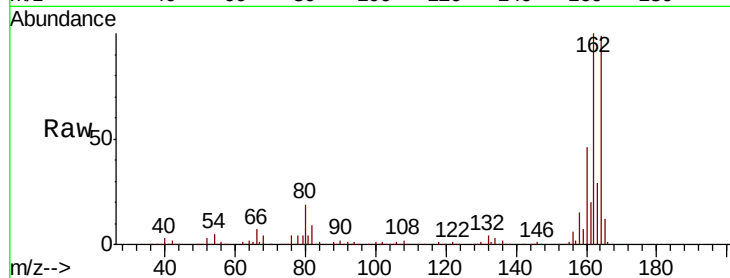
Tgt Ion:164 Resp: 331647

Ion Ratio Lower Upper

164 100

162 100.6 81.8 122.6

160 45.9 36.4 54.6

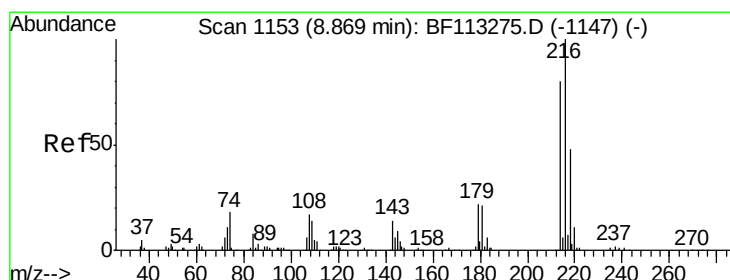
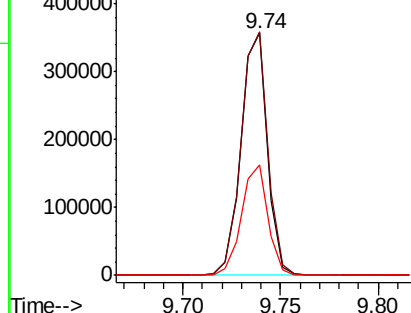
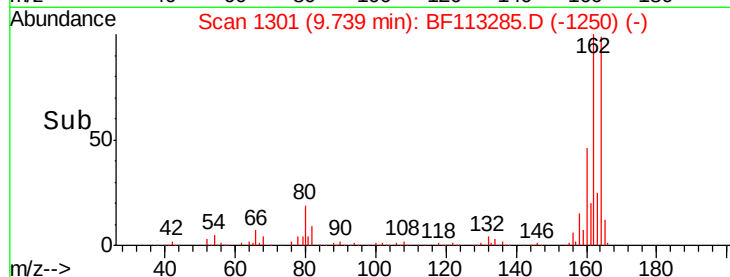


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 39.306 ng

RT: 8.87 min Scan# 1153

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Tgt Ion:216 Resp: 418444

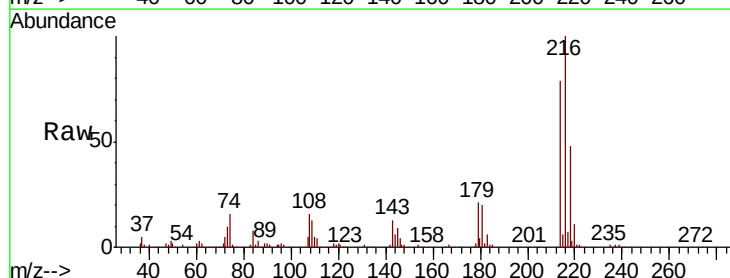
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.6

179 20.6 16.8 25.2

108 17.5 13.8 20.6



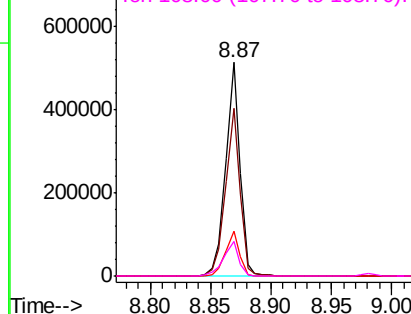
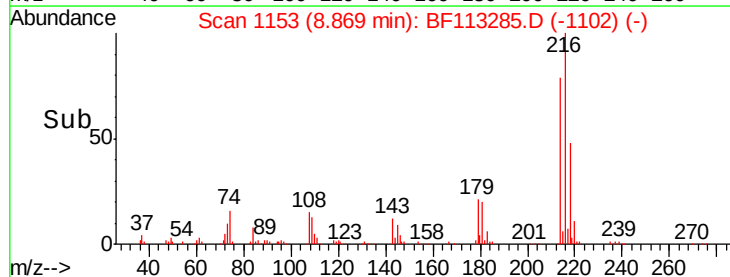
Abundance

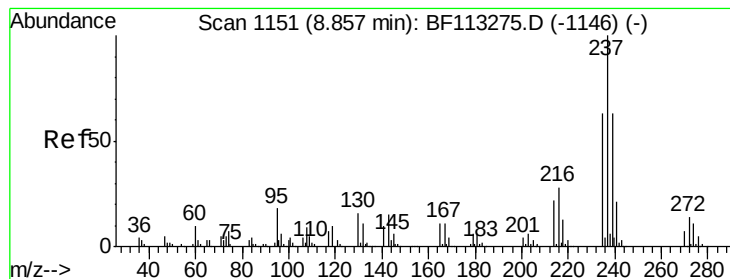
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 37.551 ng

RT: 8.86 min Scan# 1151

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

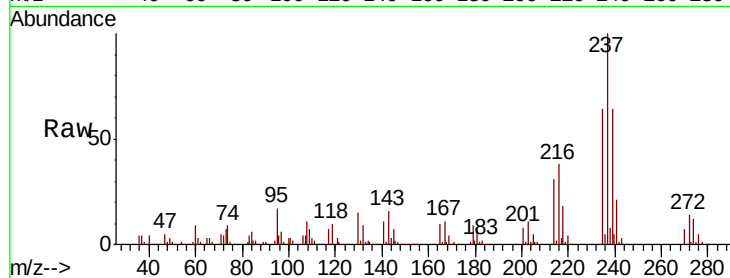
Tgt Ion: 237 Resp: 169208

Ion Ratio Lower Upper

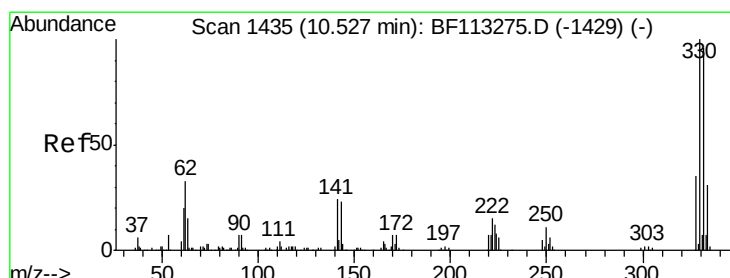
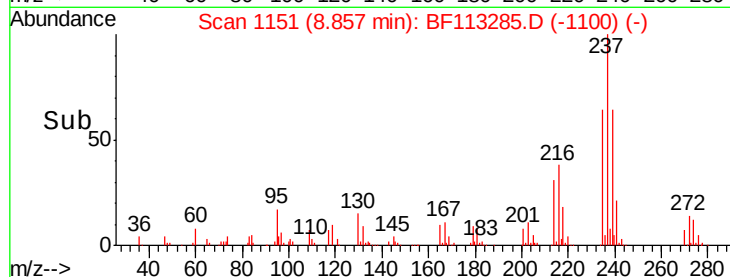
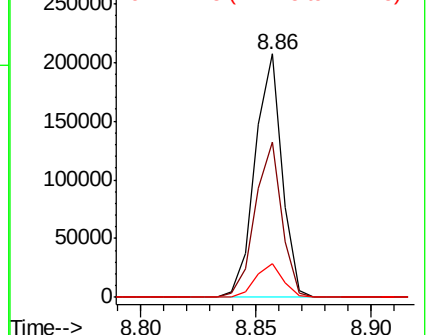
237 100

235 63.7 43.4 83.4

272 14.0 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: 79.316 ng

RT: 10.53 min Scan# 1435

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

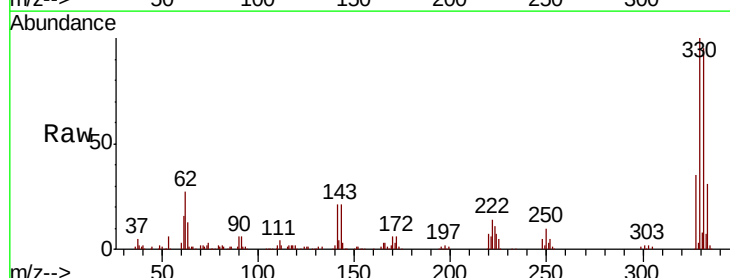
Tgt Ion: 330 Resp: 324927

Ion Ratio Lower Upper

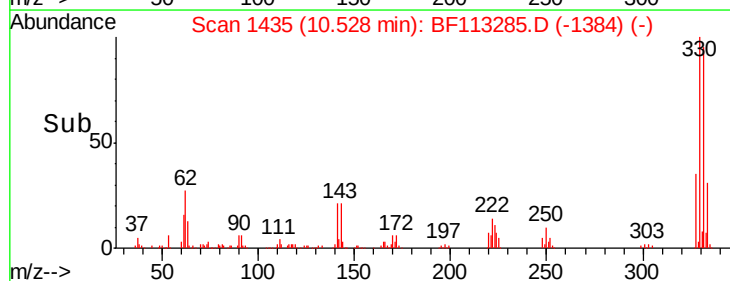
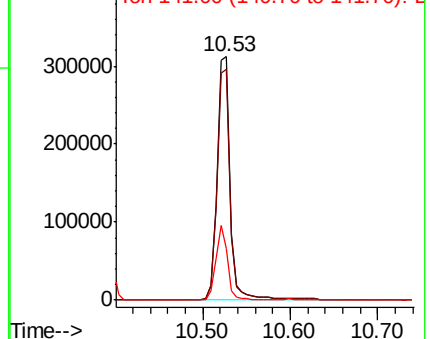
330 100

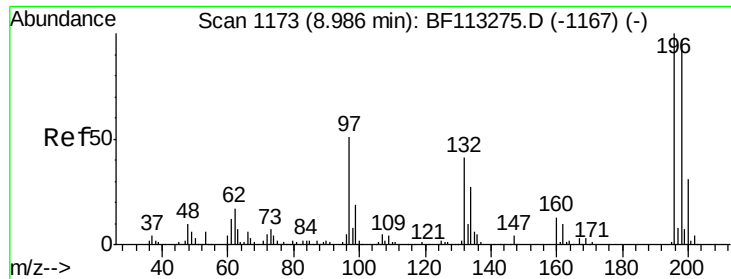
332 95.5 77.8 116.6

141 27.4 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

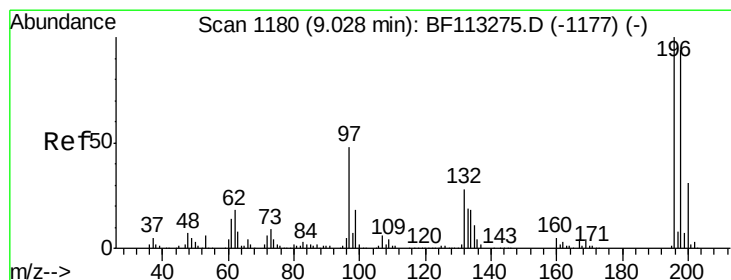
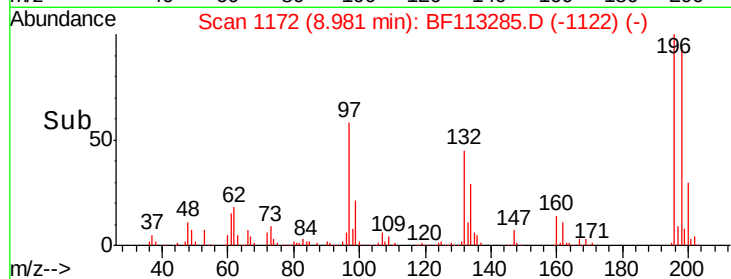
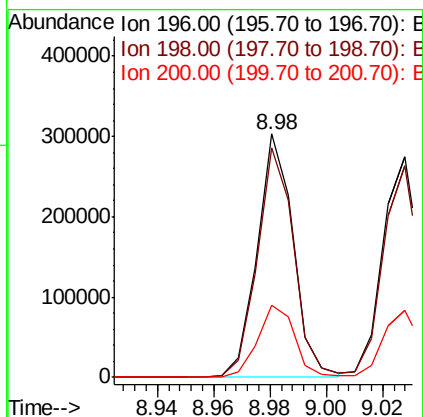
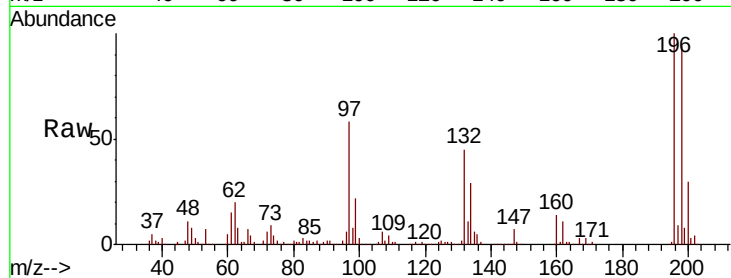




#43
 2,4,6-Trichlorophenol
 Concen: 38.604 ng
 RT: 8.98 min Scan# 1172
 Delta R.T. -0.01 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

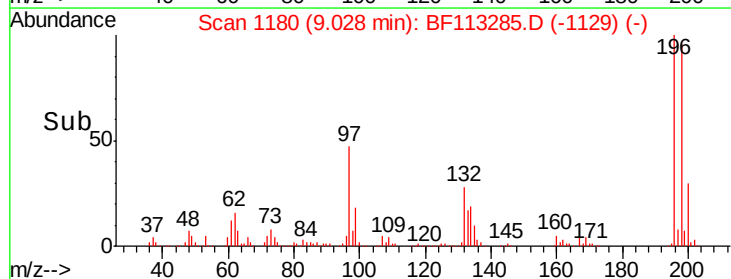
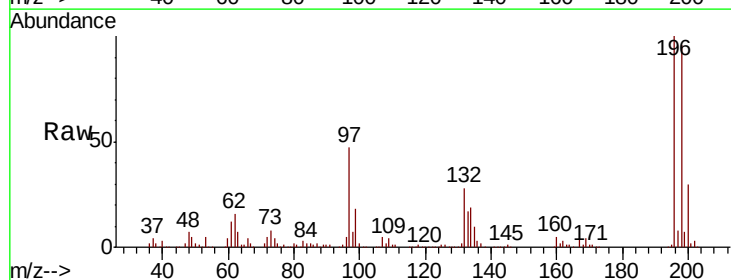
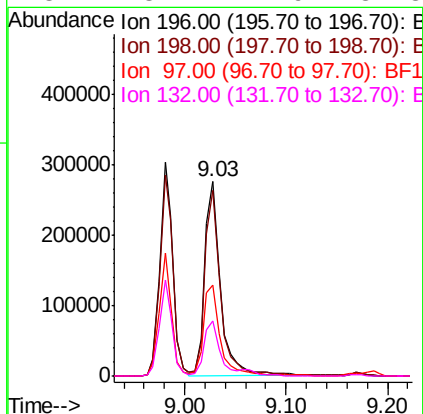
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

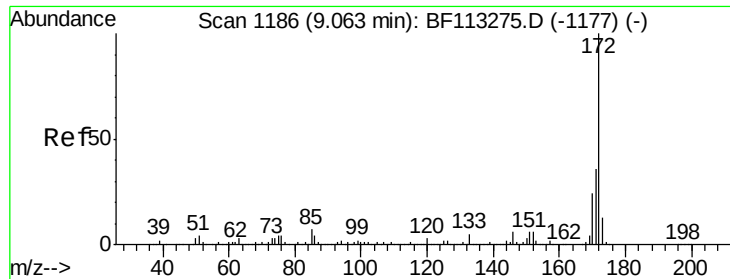
Tgt Ion:196 Resp: 267624
 Ion Ratio Lower Upper
 196 100
 198 94.2 77.7 116.5
 200 29.8 24.9 37.3



#44
 2,4,5-Trichlorophenol
 Concen: 38.994 ng
 RT: 9.03 min Scan# 1180
 Delta R.T. 0.00 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Tgt Ion:196 Resp: 299167
 Ion Ratio Lower Upper
 196 100
 198 95.6 75.4 113.2
 97 46.5 38.6 58.0
 132 28.1 22.9 34.3

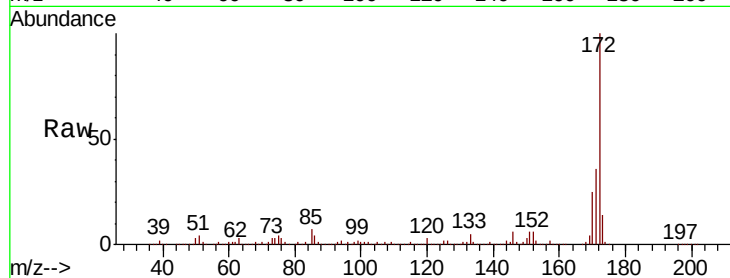




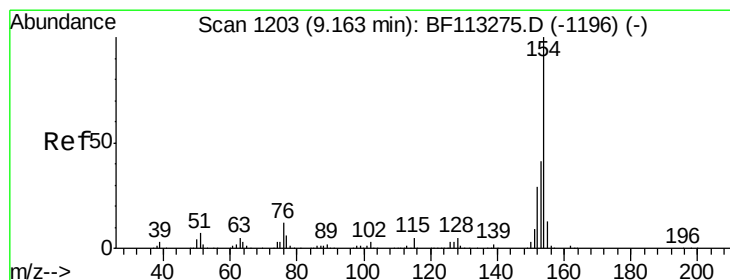
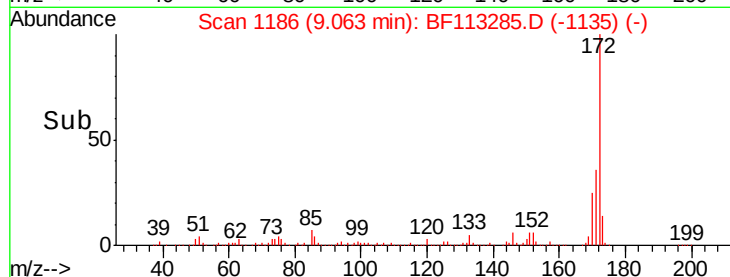
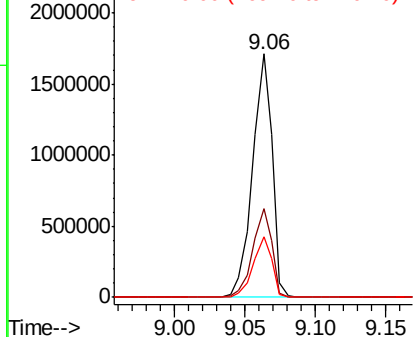
#45
2-Fluorobiphenyl
Concen: 77.920 ng
RT: 9.06 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:172 Resp: 1679841
Ion Ratio Lower Upper
172 100
171 36.5 29.0 43.6
170 24.7 19.5 29.3

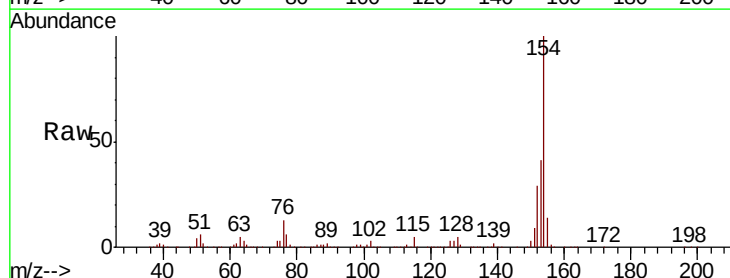


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

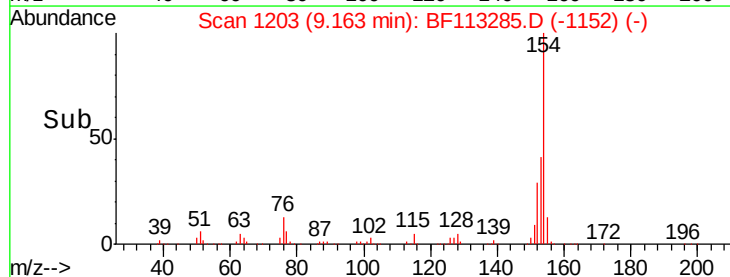
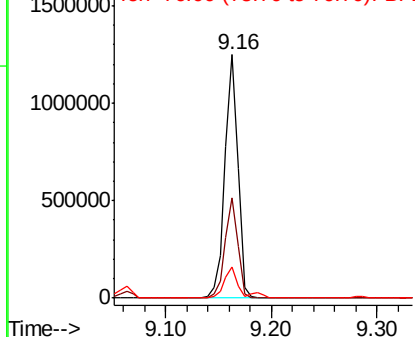


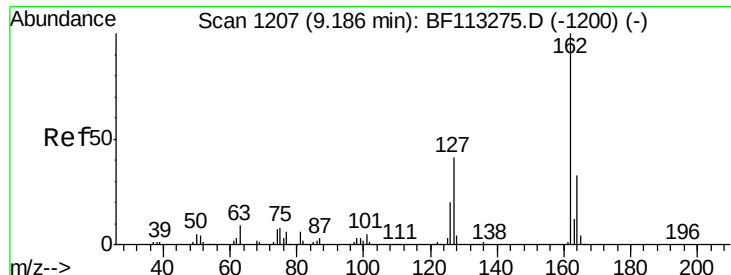
#46
1,1'-Biphenyl
Concen: 38.933 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Tgt Ion:154 Resp: 1078395
Ion Ratio Lower Upper
154 100
153 41.1 20.8 60.8
76 13.0 0.0 31.9



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

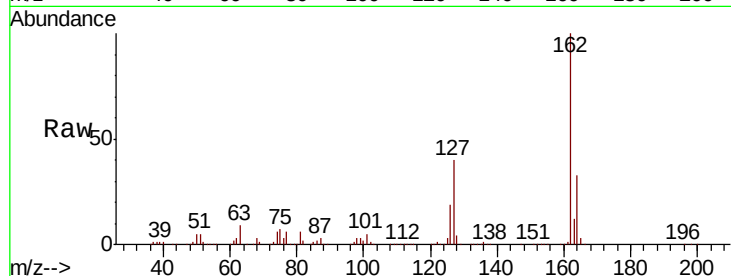




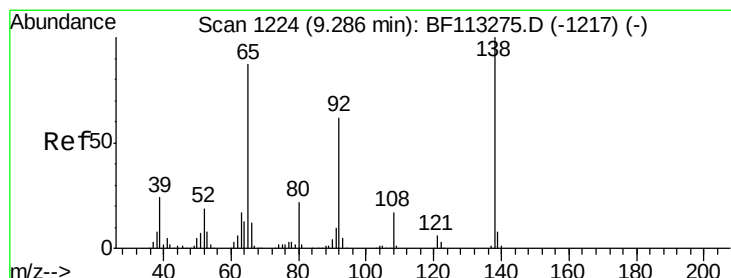
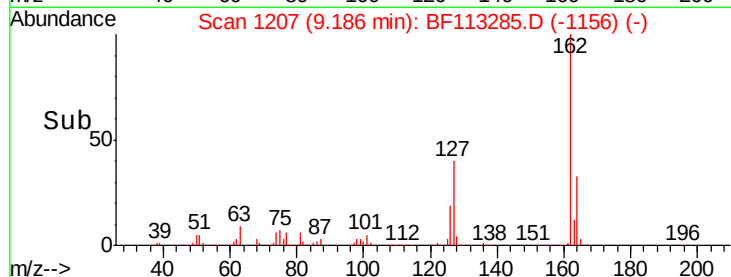
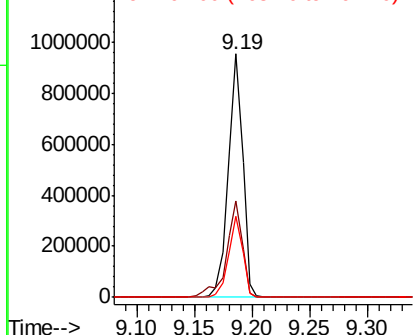
#47
 2-Chloronaphthalene
 Concen: 38.906 ng
 RT: 9.19 min Scan# 1207
 Delta R.T. 0.00 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
162	100		
127	39.8	32.6	49.0
164	33.2	26.6	39.8

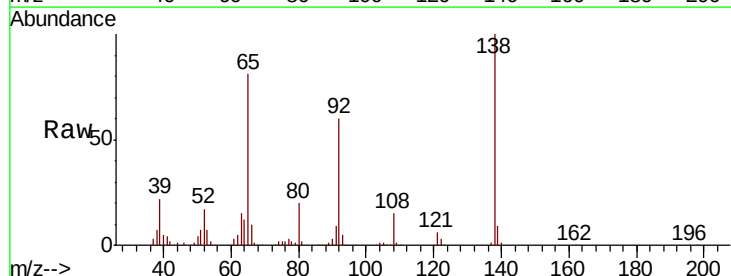


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

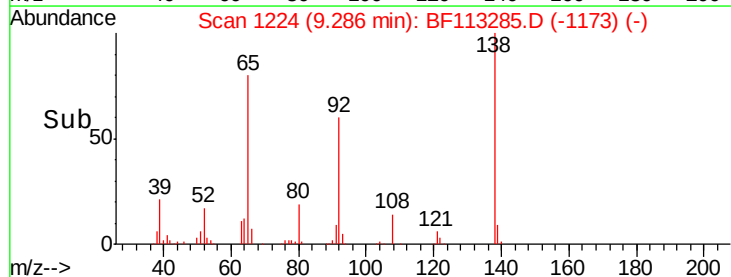
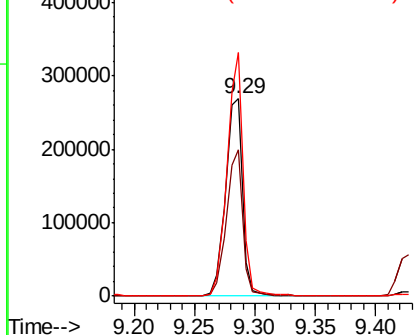


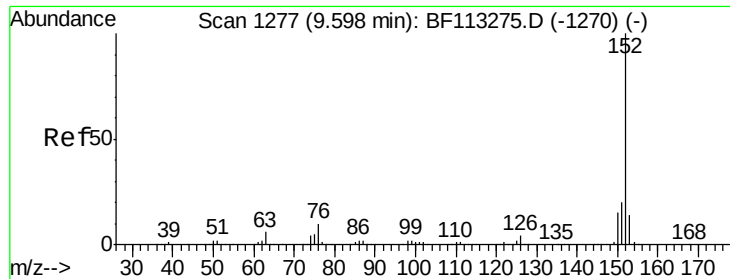
#48
 2-Nitroaniline
 Concen: 39.635 ng
 RT: 9.29 min Scan# 1224
 Delta R.T. 0.00 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.5	56.8	85.2
138	123.6	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: 39.730 ng

RT: 9.60 min Scan# 1277

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

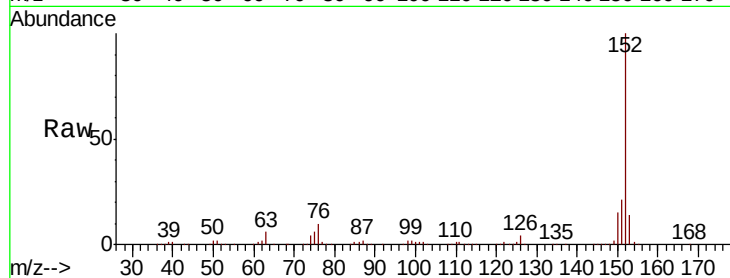
Tgt Ion:152 Resp: 1370027

Ion Ratio Lower Upper

152 100

151 20.6 16.2 24.4

153 14.1 11.0 16.6

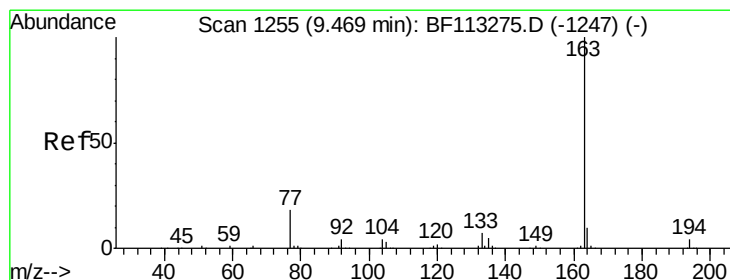
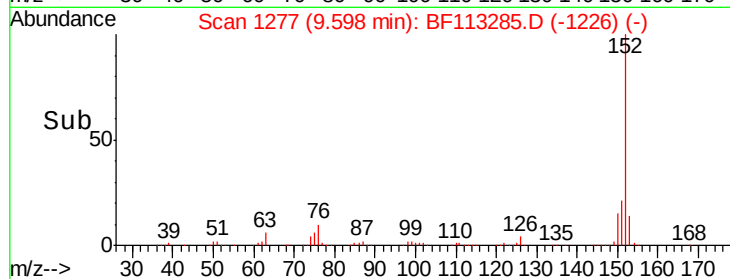
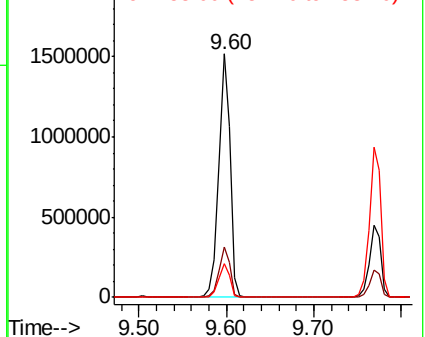


Abundance

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: 39.356 ng

RT: 9.47 min Scan# 1255

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

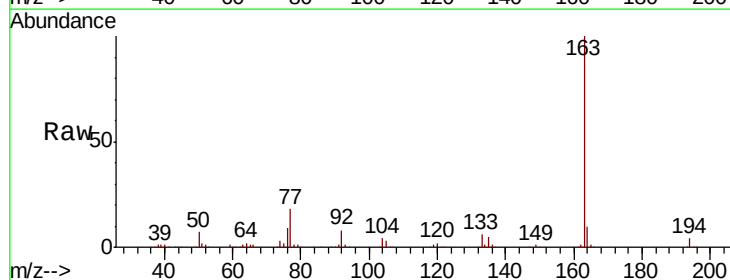
Tgt Ion:163 Resp: 967288

Ion Ratio Lower Upper

163 100

194 4.0 3.0 4.6

164 10.0 8.1 12.1

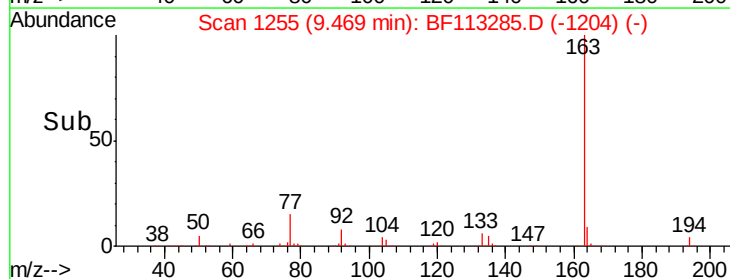
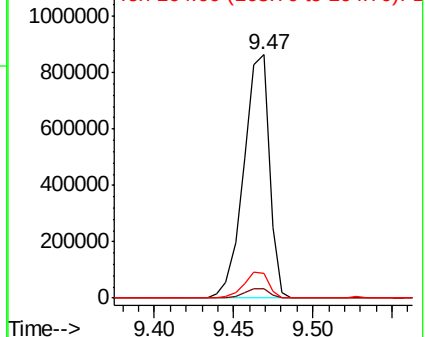


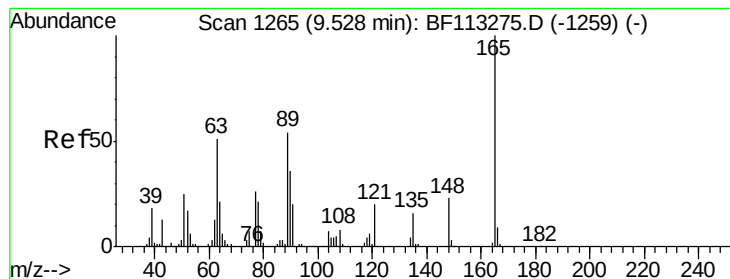
Abundance

Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.932 ng

RT: 9.53 min Scan# 1265

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

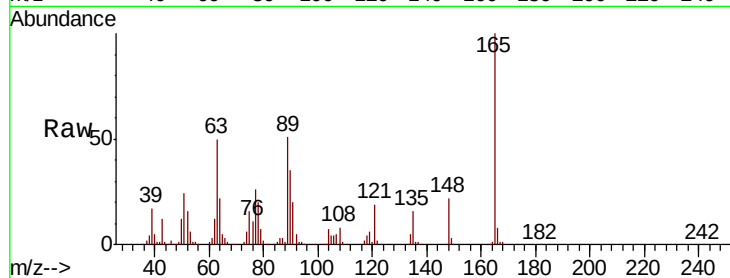
Tgt Ion:165 Resp: 221409

Ion Ratio Lower Upper

165 100

63 49.7 43.4 65.0

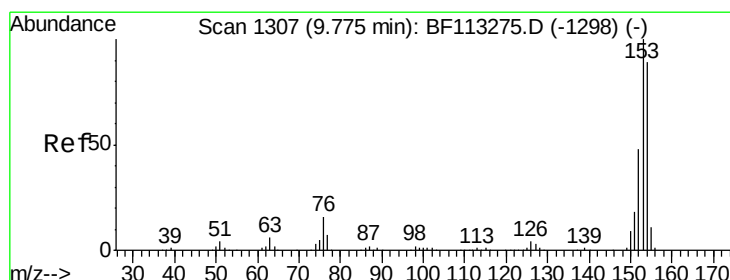
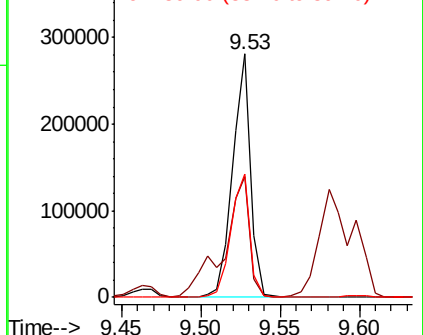
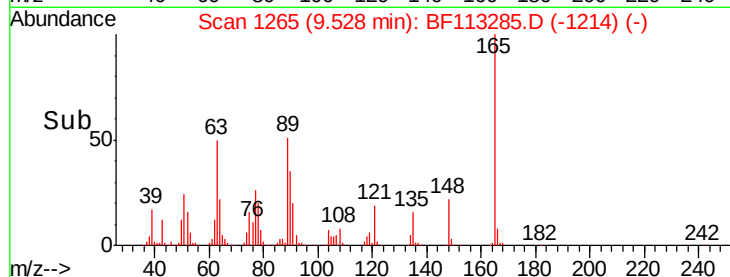
89 50.8 43.1 64.7



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: 39.236 ng

RT: 9.77 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

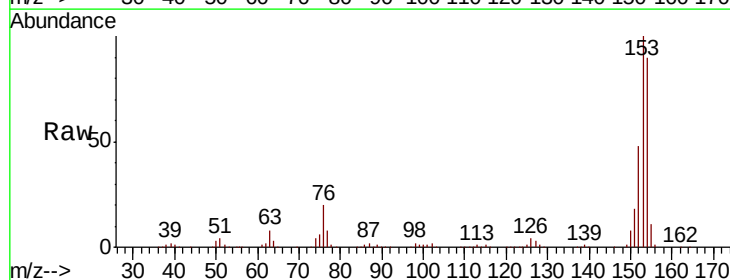
Tgt Ion:154 Resp: 761948

Ion Ratio Lower Upper

154 100

153 111.1 89.5 134.3

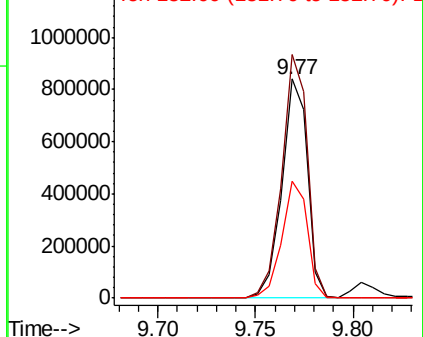
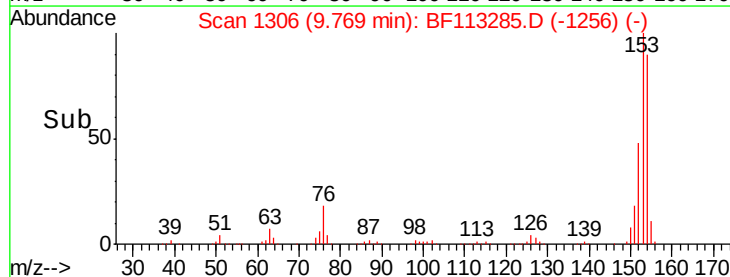
152 53.5 43.3 64.9

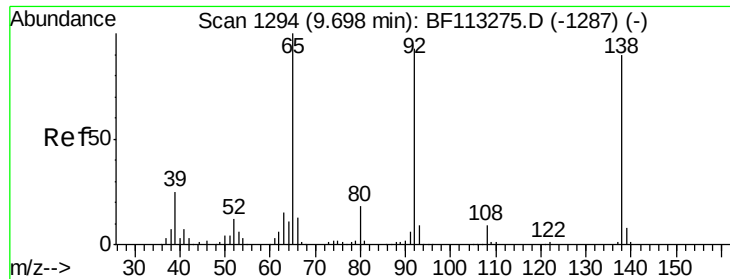


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

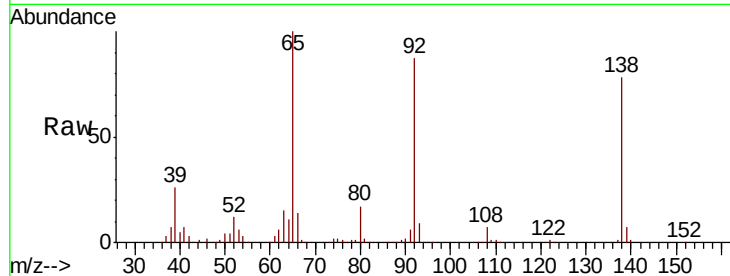




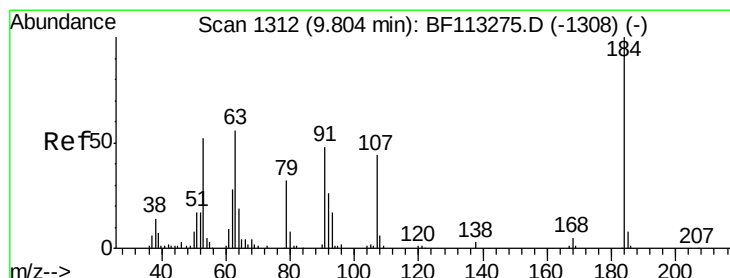
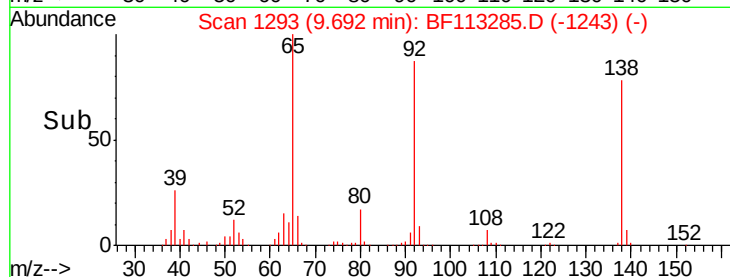
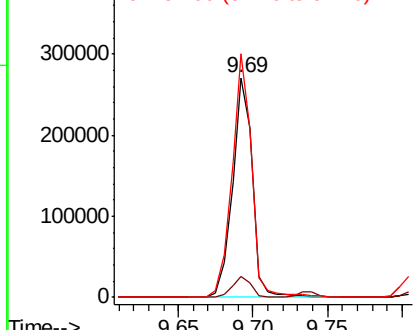
#53
3-Nitroaniline
Concen: 40.582 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:138 Resp: 253749
Ion Ratio Lower Upper
138 100
108 9.5 7.8 11.6
92 110.7 82.6 124.0

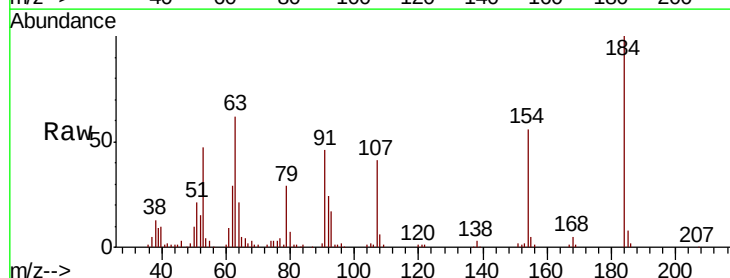


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

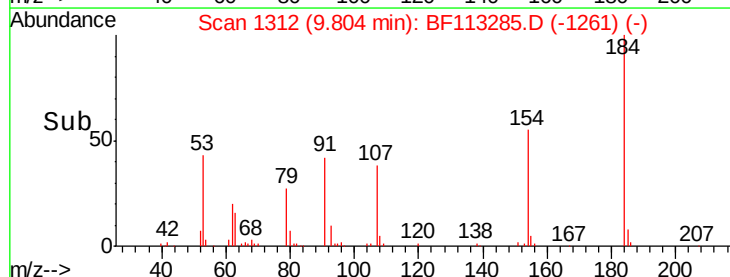
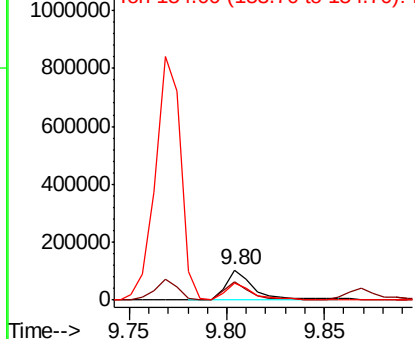


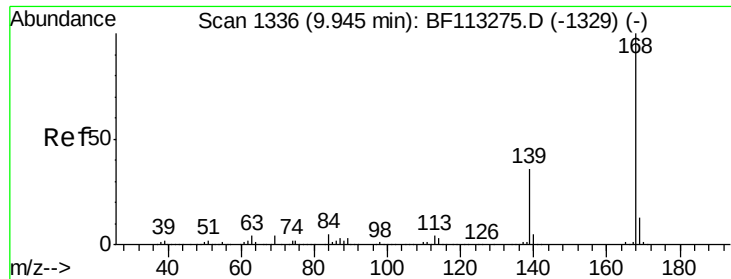
#54
2,4-Dinitrophenol
Concen: 37.350 ng
RT: 9.80 min Scan# 1312
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Tgt Ion:184 Resp: 103002
Ion Ratio Lower Upper
184 100
63 61.5 54.3 81.5
154 55.6 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

Dibenzofuran

Concen: 39.377 ng

RT: 9.94 min Scan# 1335

Delta R.T. -0.01 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

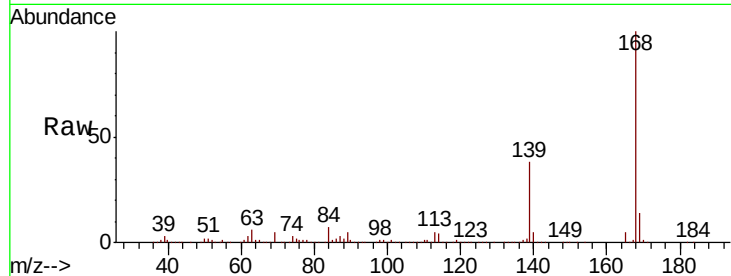
Tgt Ion:168 Resp: 1149559

Ion Ratio Lower Upper

168 100

139 37.7 29.7 44.5

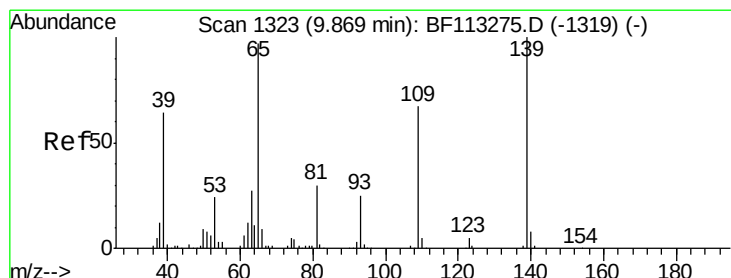
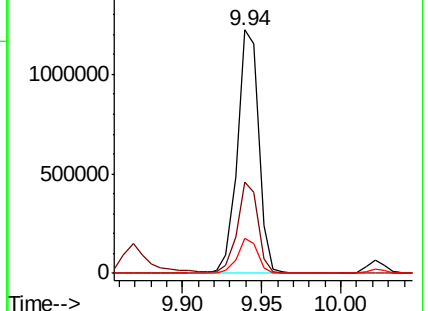
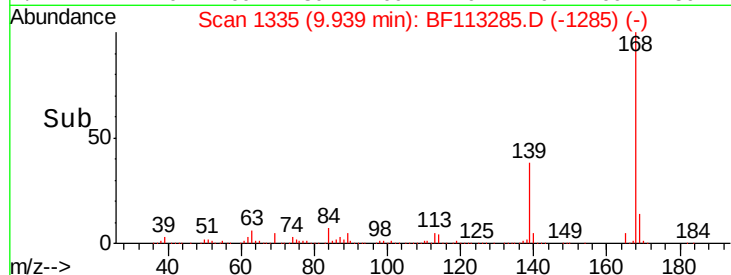
169 14.2 10.7 16.1



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: 39.807 ng

RT: 9.87 min Scan# 1323

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

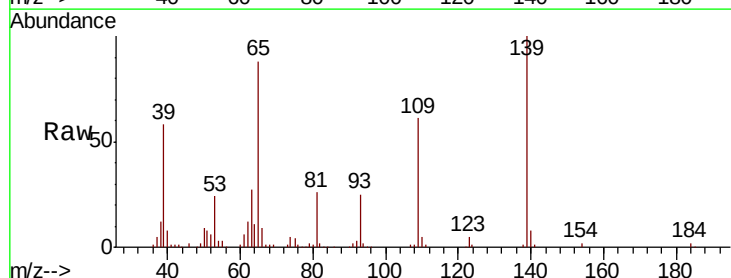
Tgt Ion:139 Resp: 177455

Ion Ratio Lower Upper

139 100

109 60.8 46.9 86.9

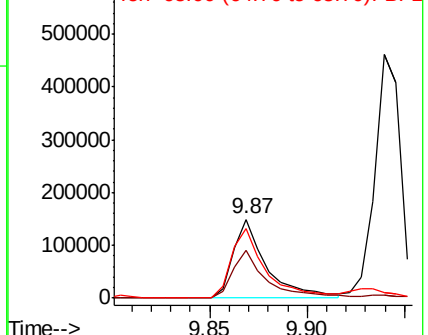
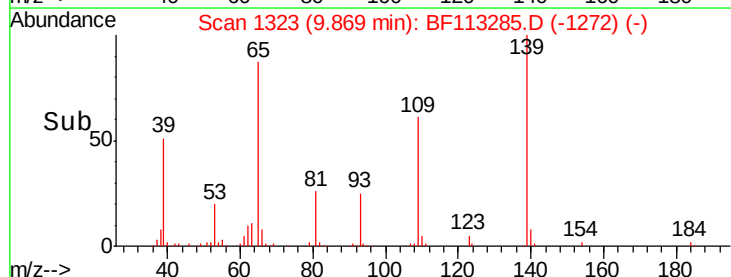
65 88.4 77.2 117.2

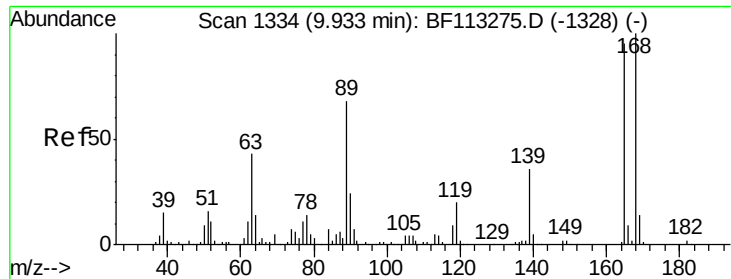


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

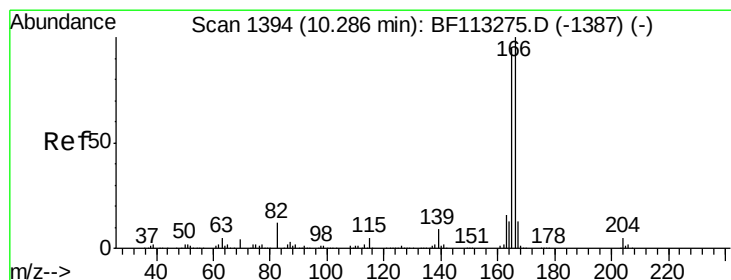
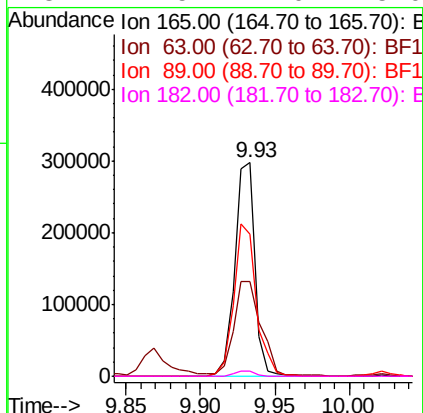
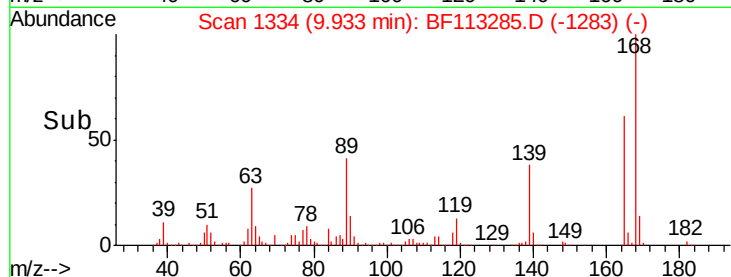
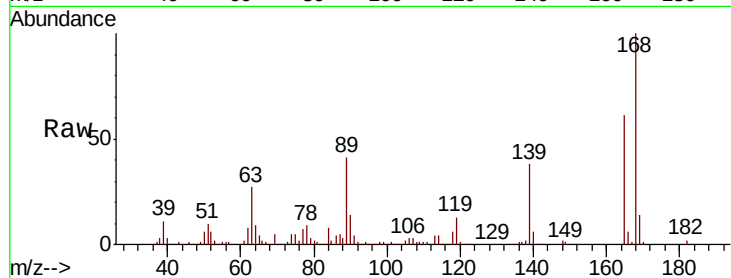




#57
2,4-Dinitrotoluene
Concen: 40.138 ng
RT: 9.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

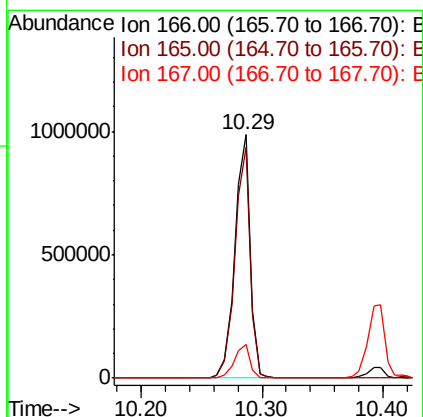
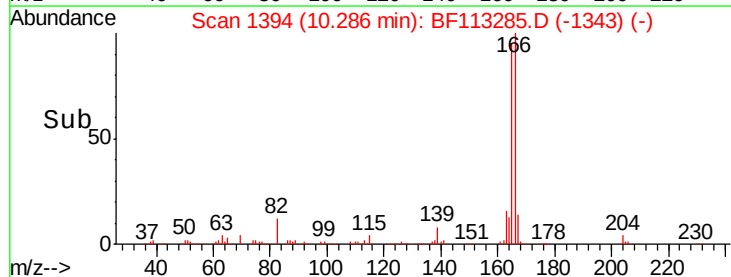
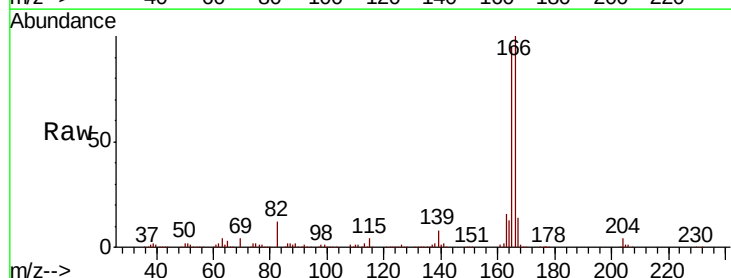
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

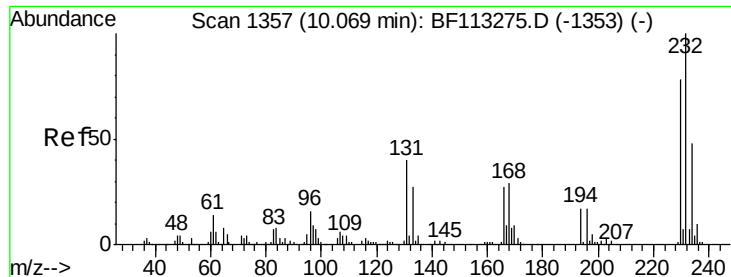
Tgt Ion	Ratio	Resp	Lower	Upper
165	100	283015		
63	44.3		37.5	56.3
89	66.3		57.4	86.2
182	2.5		2.0	3.0



#58
Fluorene
Concen: 38.724 ng
RT: 10.29 min Scan# 1394
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	878230		
165	94.9		76.2	114.2
167	13.6		10.7	16.1

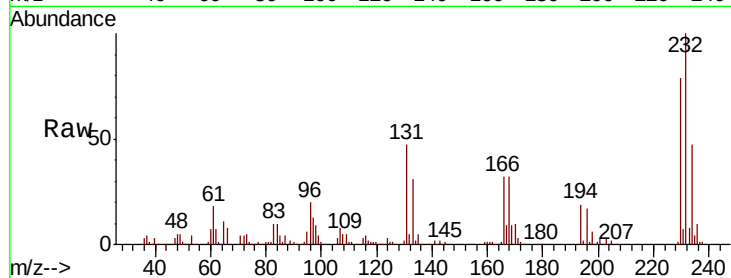




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.933 ng
 RT: 10.06 min Scan# 1356
 Delta R.T. -0.01 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:	232	Resp:	259082
Ion	Ratio	Lower	Upper
232	100		
131	40.6	33.2	49.8
130	1.9	1.6	2.4
166	27.9	21.0	31.6



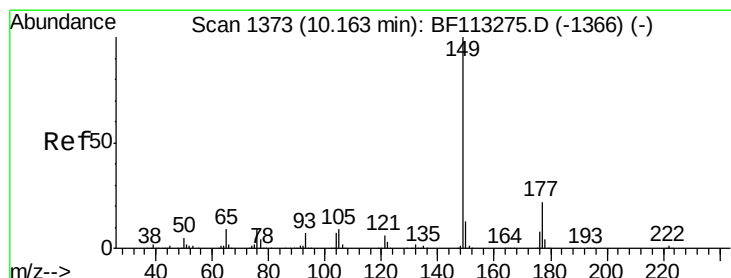
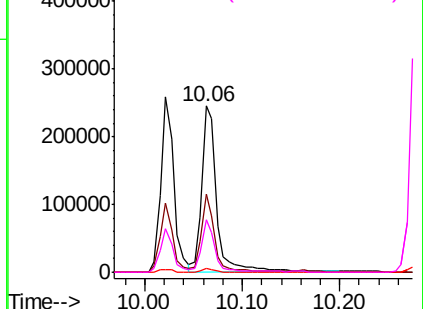
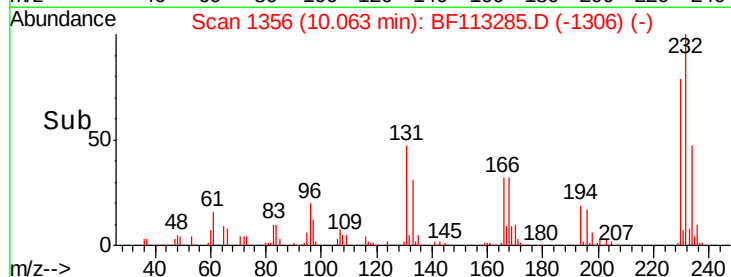
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

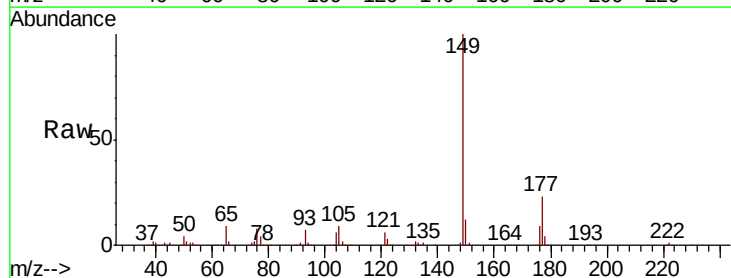
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 38.785 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. 0.00 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Tgt Ion:	149	Resp:	935118
Ion	Ratio	Lower	Upper
149	100		
177	22.9	17.4	26.0
150	12.5	10.0	15.0

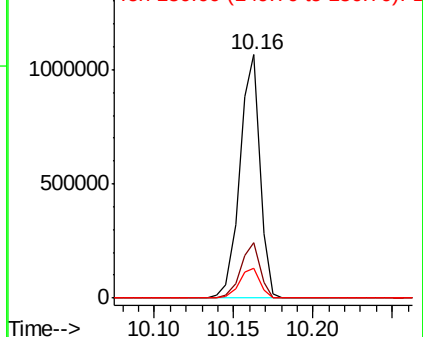
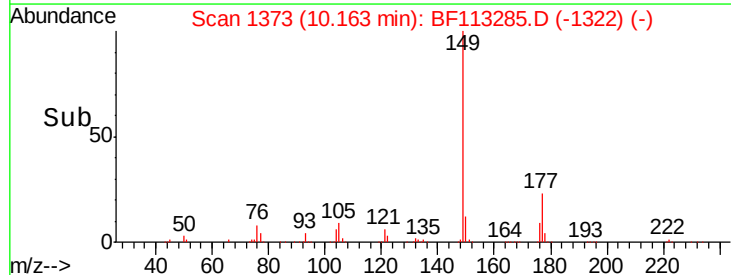


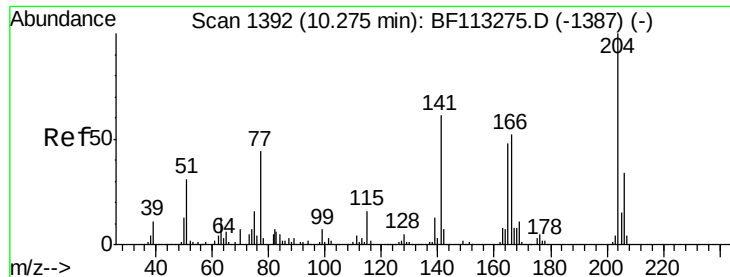
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

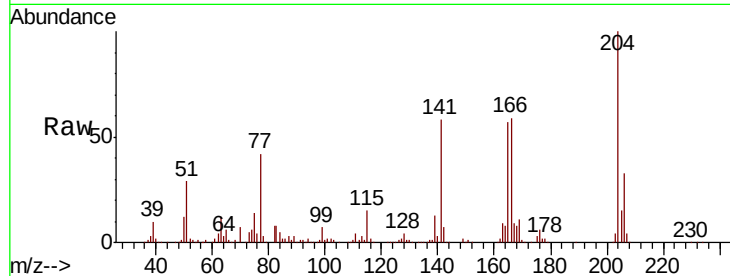




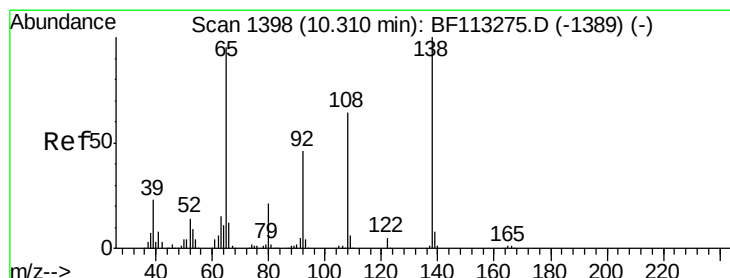
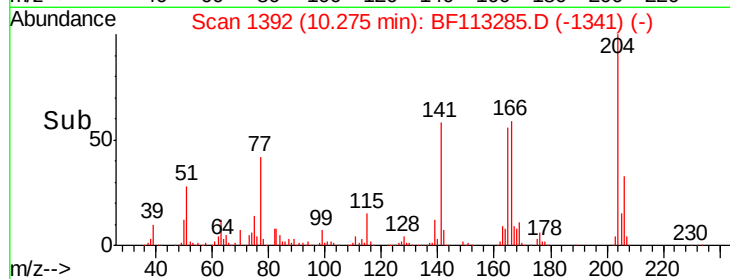
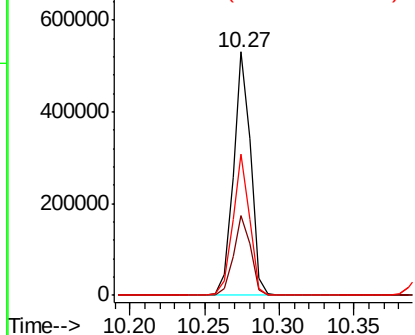
#61
4-Chlorophenyl-phenylether
Concen: 39.172 ng
RT: 10.27 min Scan# 1392
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:204 Resp: 432980
Ion Ratio Lower Upper
204 100
206 33.0 26.9 40.3
141 57.9 48.8 73.2

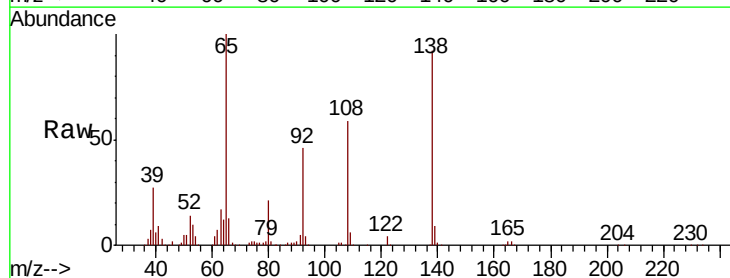


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

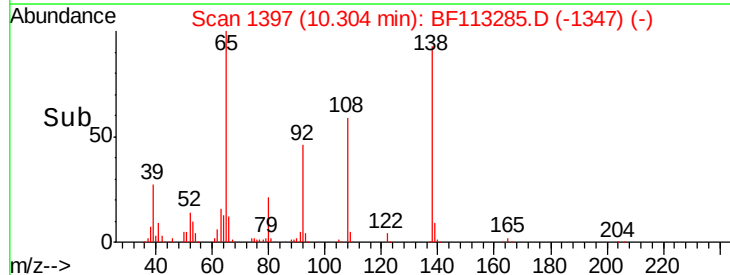
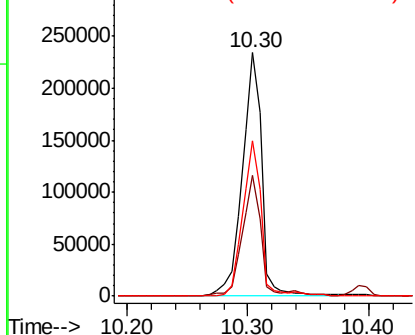


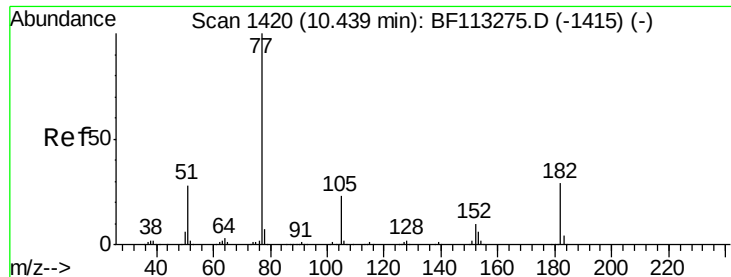
#62
4-Nitroaniline
Concen: 40.932 ng
RT: 10.30 min Scan# 1397
Delta R.T. -0.01 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Tgt Ion:138 Resp: 263512
Ion Ratio Lower Upper
138 100
92 49.8 25.8 65.8
108 63.9 44.0 84.0



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





#63

Azobenzene

Concen: 40.127 ng

RT: 10.43 min Scan# 1419

Delta R.T. -0.01 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

Tgt Ion: 77 Resp: 910729

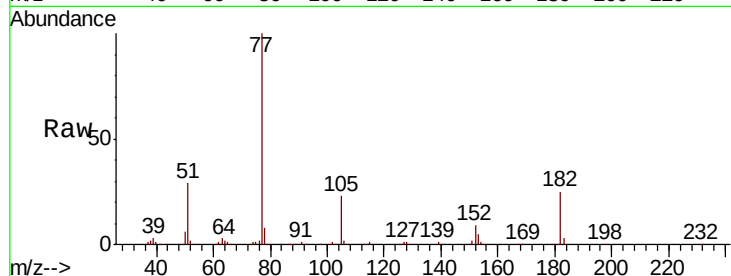
Ion Ratio Lower Upper

77 100

182 24.5 8.7 48.7

105 22.9 2.9 42.9

51 29.4 8.8 48.8

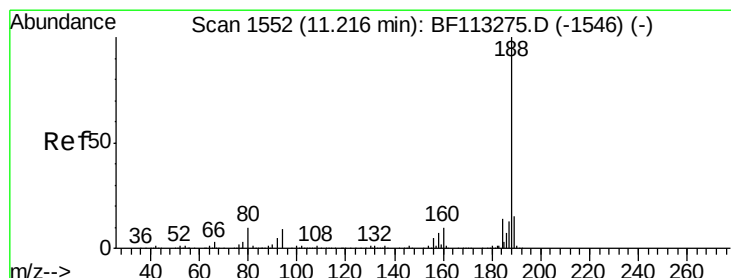
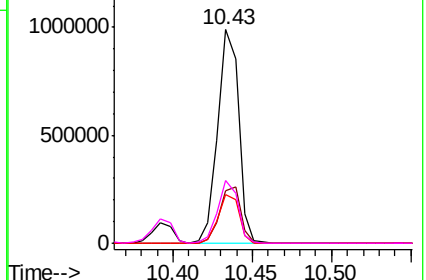
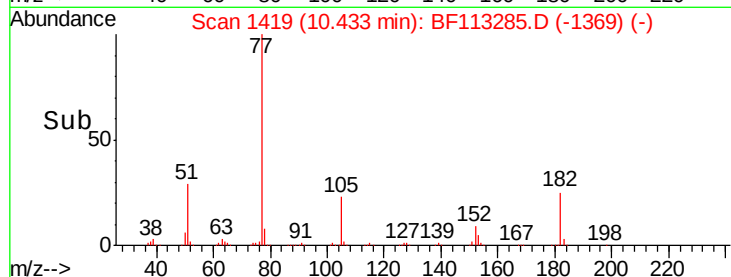


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.22 min Scan# 1552

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

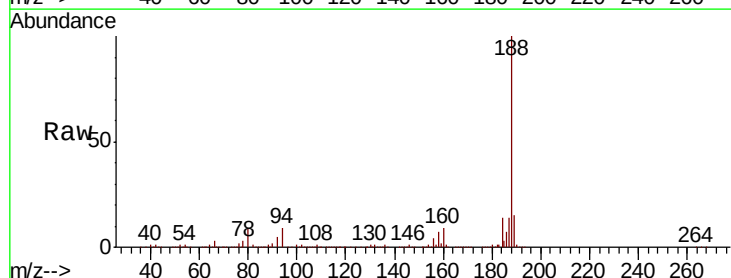
Tgt Ion: 188 Resp: 665011

Ion Ratio Lower Upper

188 100

94 9.0 7.0 10.6

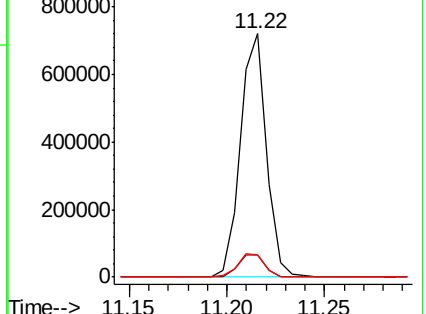
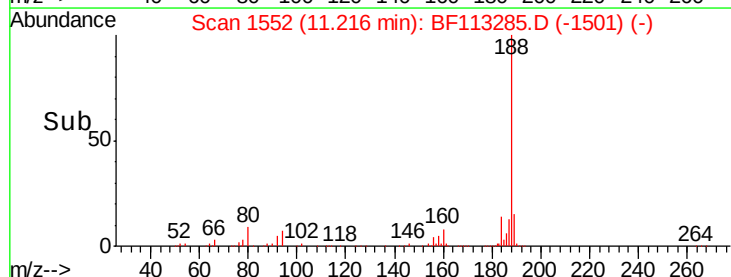
80 9.1 7.7 11.5

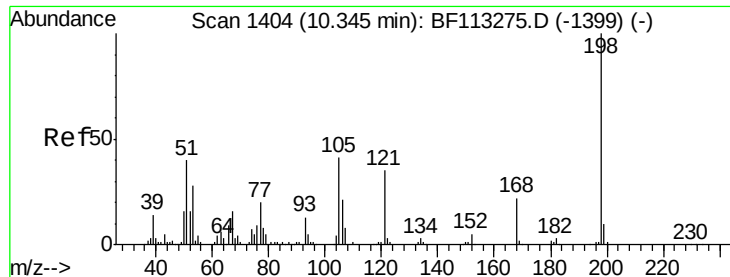


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

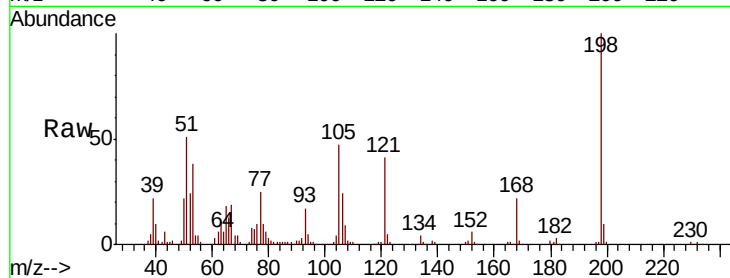




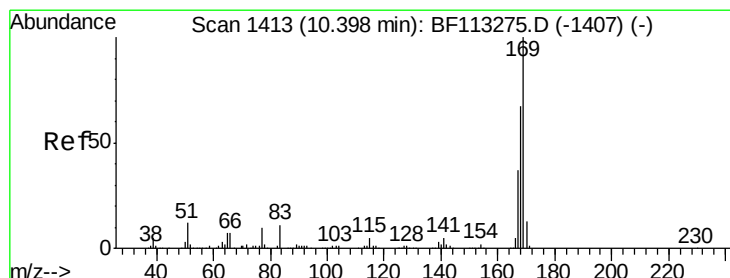
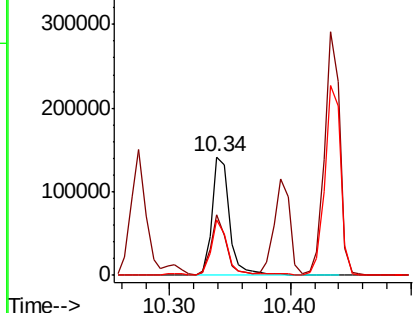
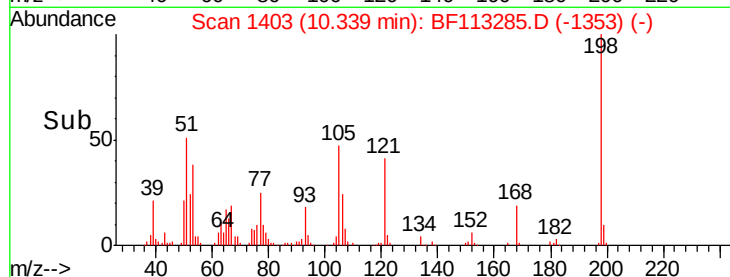
#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.920 ng
 RT: 10.34 min Scan# 1403
 Delta R.T. -0.01 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:198 Resp: 141589
 Ion Ratio Lower Upper
 198 100
 51 50.9 21.6 61.6
 105 46.9 20.6 60.6

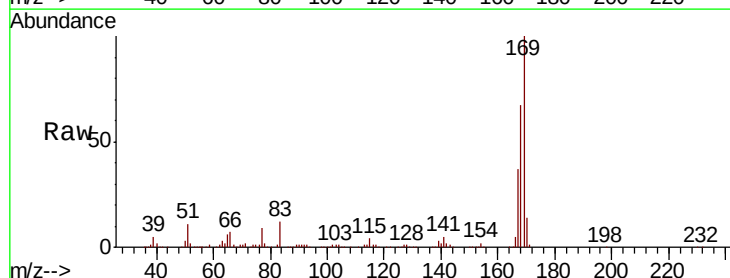


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

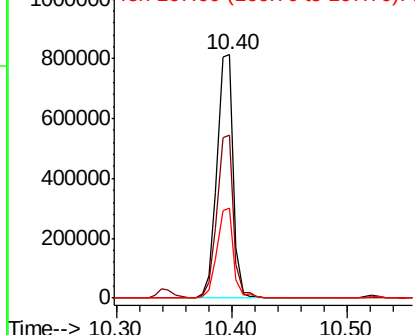
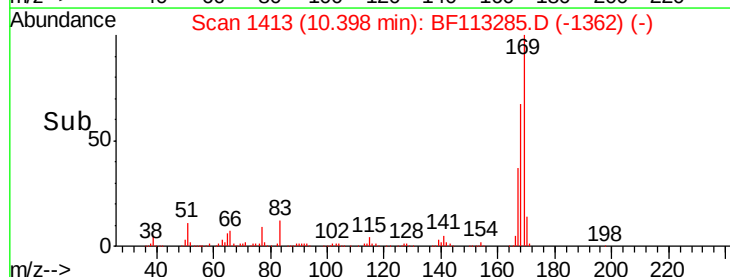


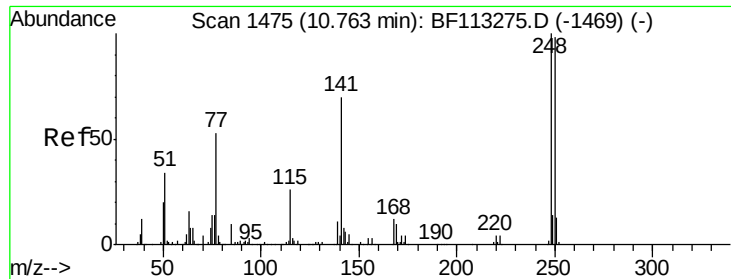
#66
 n-Nitrosodiphenylamine
 Concen: 39.154 ng
 RT: 10.40 min Scan# 1413
 Delta R.T. 0.00 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Tgt Ion:169 Resp: 798979
 Ion Ratio Lower Upper
 169 100
 168 67.0 53.7 80.5
 167 36.8 29.5 44.3



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

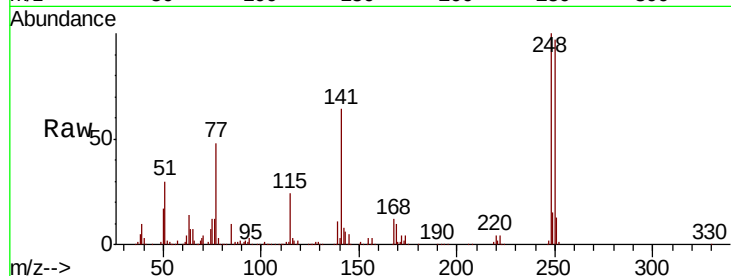




#67
4-Bromophenyl-phenylether
Concen: 40.147 ng
RT: 10.76 min Scan# 1475
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion	Ratio	Lower	Upper
248	100		
250	97.0	78.3	117.5
141	64.0	56.2	84.4

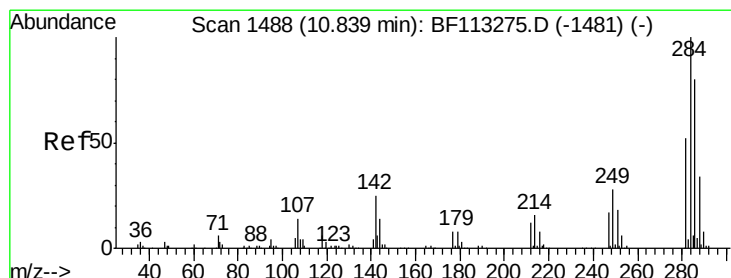
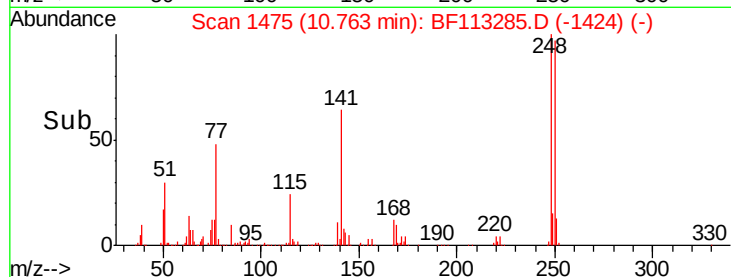
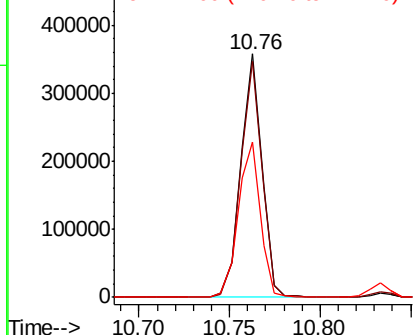


Abundance

Ion 248.00 (247.70 to 248.70): E

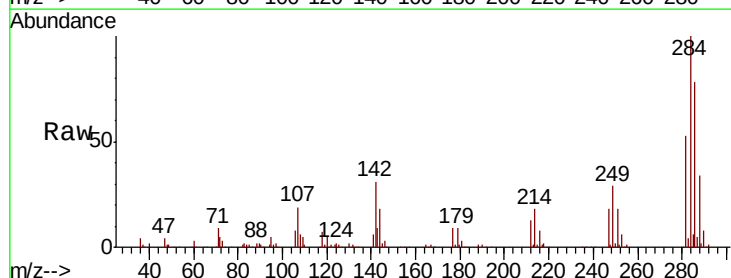
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 40.051 ng
RT: 10.83 min Scan# 1487
Delta R.T. -0.01 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.3	20.1	30.1#
249	29.0	22.7	34.1

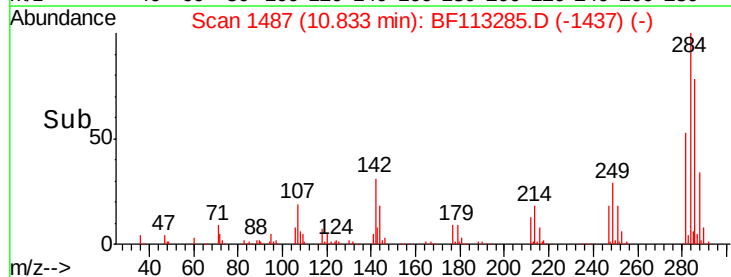
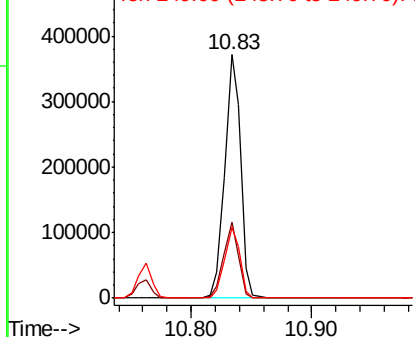


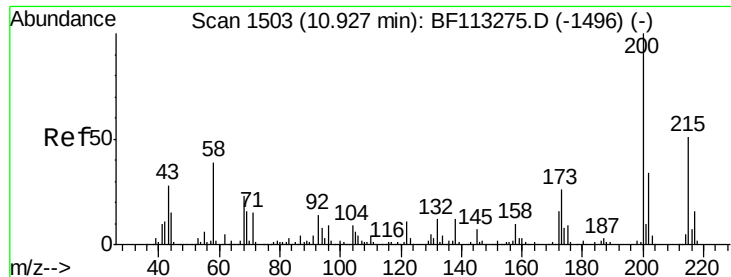
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

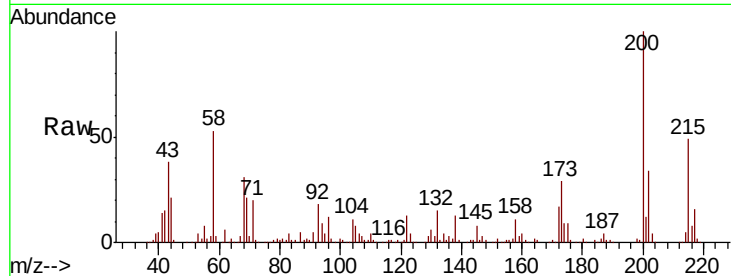




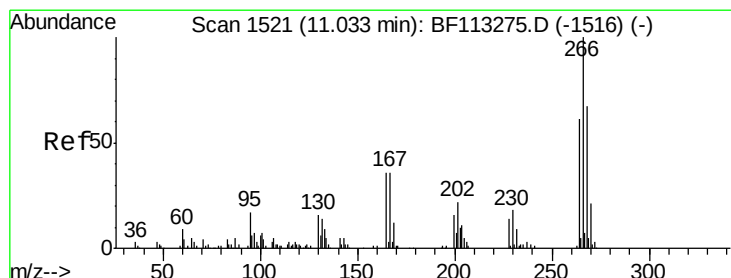
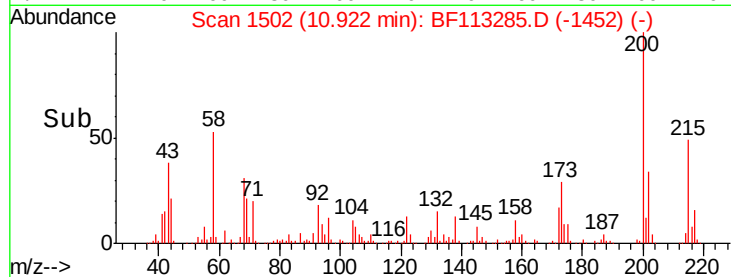
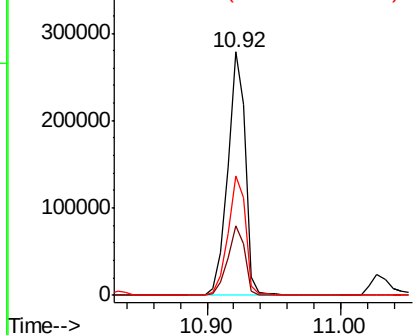
#69
Atrazine
Concen: 40.331 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:200 Resp: 259765
Ion Ratio Lower Upper
200 100
173 28.8 6.0 46.0
215 49.0 31.3 71.3

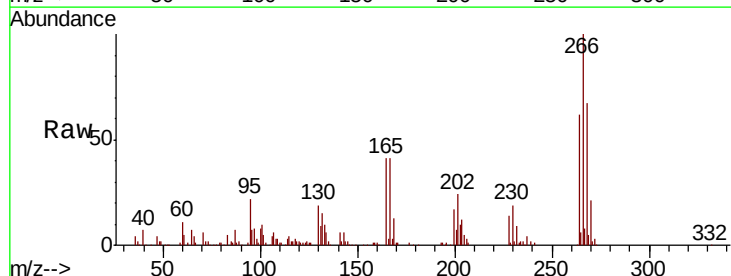


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

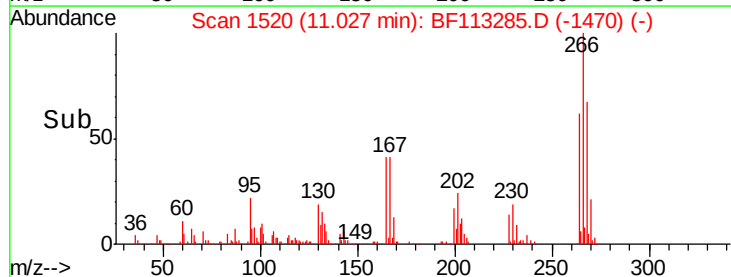
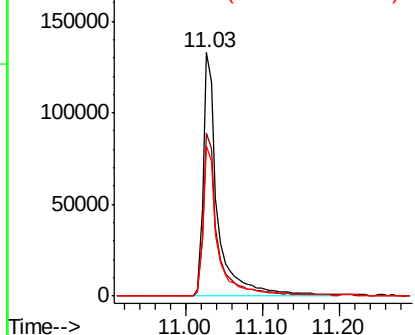


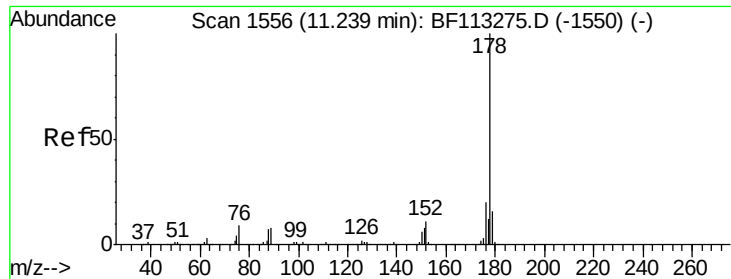
#70
Pentachlorophenol
Concen: 39.844 ng
RT: 11.03 min Scan# 1520
Delta R.T. -0.01 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Tgt Ion:266 Resp: 174648
Ion Ratio Lower Upper
266 100
268 66.8 53.8 80.6
264 61.6 49.2 73.8



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E

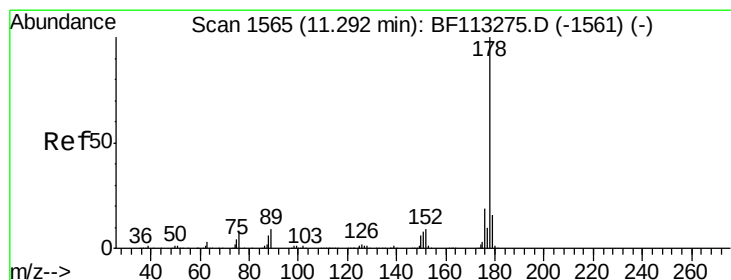
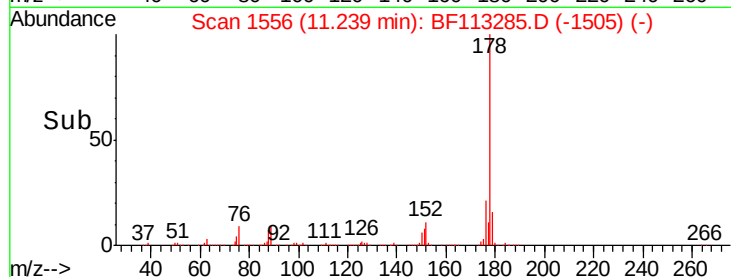
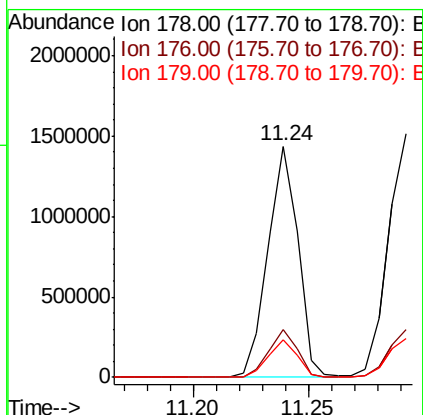
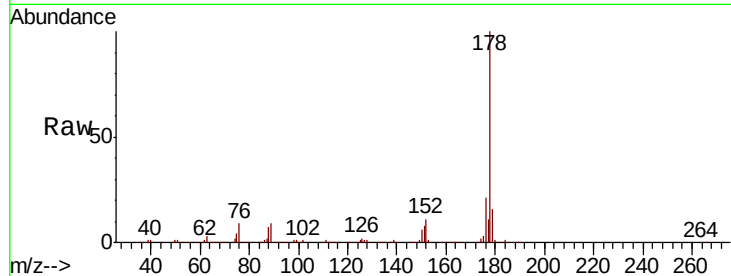




#71
 Phenanthrene
 Concen: 39.422 ng
 RT: 11.24 min Scan# 1556
 Delta R.T. 0.00 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

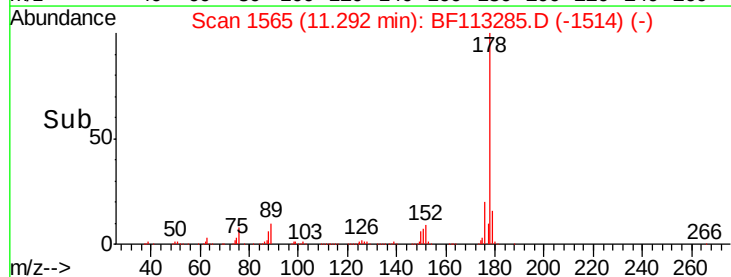
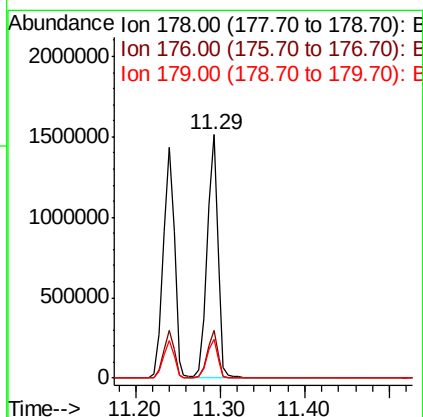
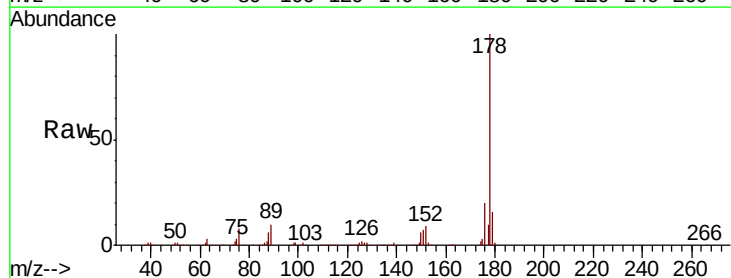
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

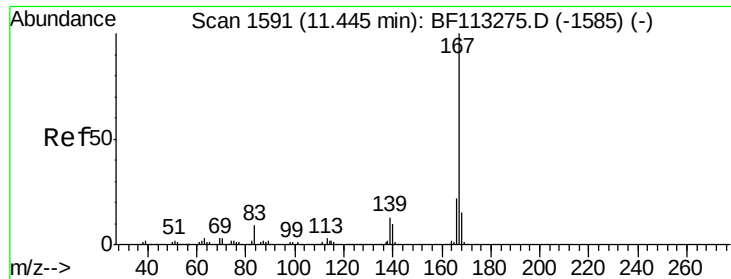
Tgt Ion:178 Resp: 1301908
 Ion Ratio Lower Upper
 178 100
 176 20.6 16.2 24.2
 179 16.0 12.7 19.1



#72
 Anthracene
 Concen: 39.861 ng
 RT: 11.29 min Scan# 1565
 Delta R.T. 0.00 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Tgt Ion:178 Resp: 1337112
 Ion Ratio Lower Upper
 178 100
 176 19.9 15.4 23.2
 179 15.9 12.8 19.2

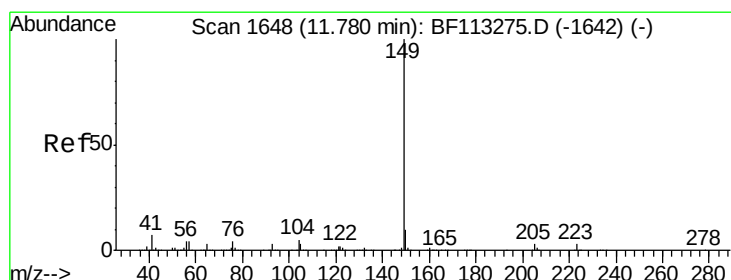
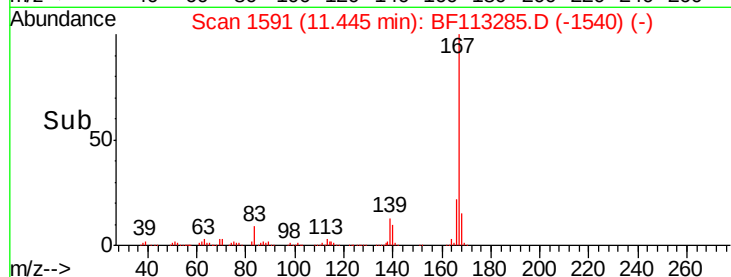
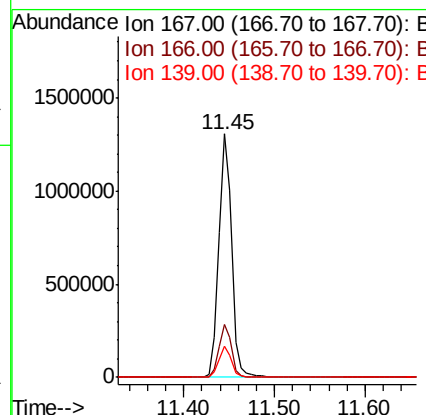
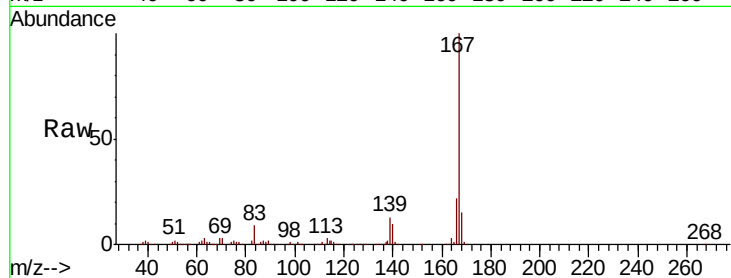




#73
 Carbazole
 Concen: 40.253 ng
 RT: 11.45 min Scan# 1591
 Delta R.T. 0.00 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

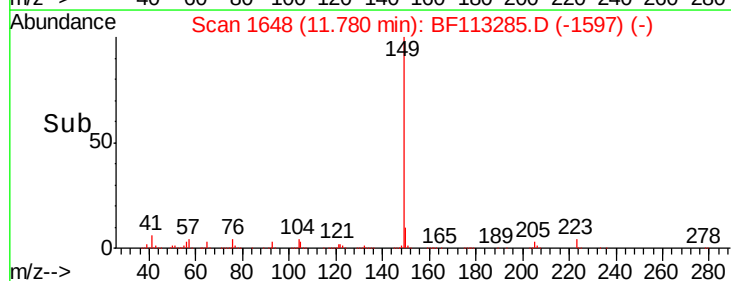
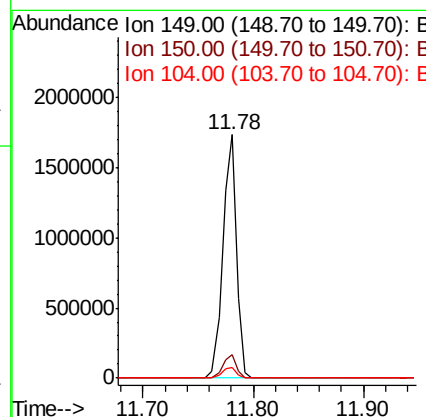
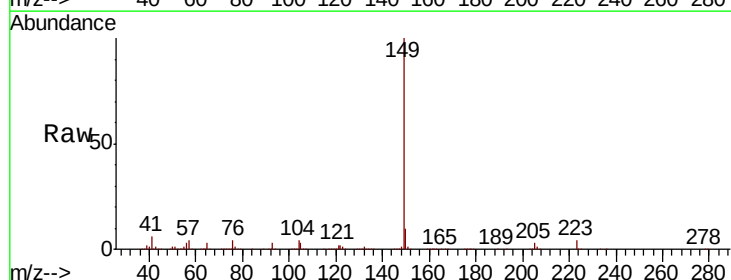
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

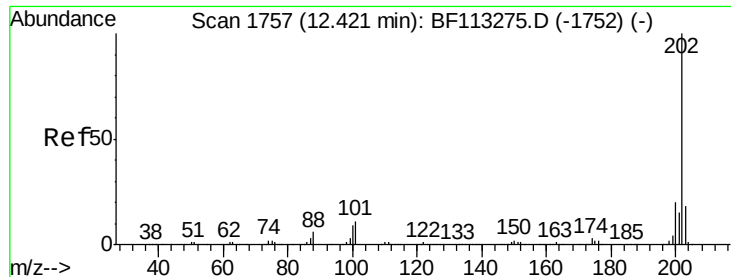
Tgt Ion:167 Resp: 1288445
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.4 26.0
 139 12.8 10.4 15.6



#74
 Di-n-butylphthalate
 Concen: 39.767 ng
 RT: 11.78 min Scan# 1648
 Delta R.T. 0.00 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Tgt Ion:149 Resp: 1476066
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.7 11.5
 104 4.3 3.7 5.5

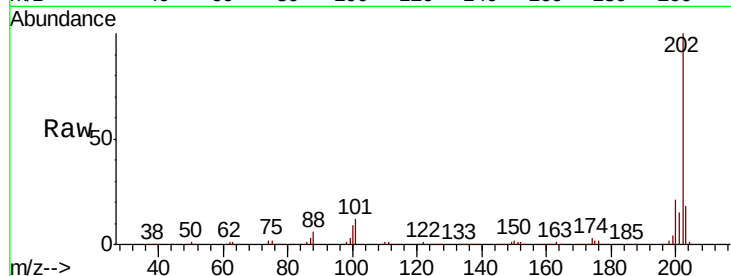




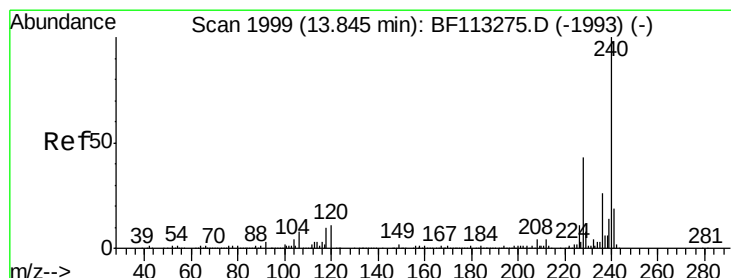
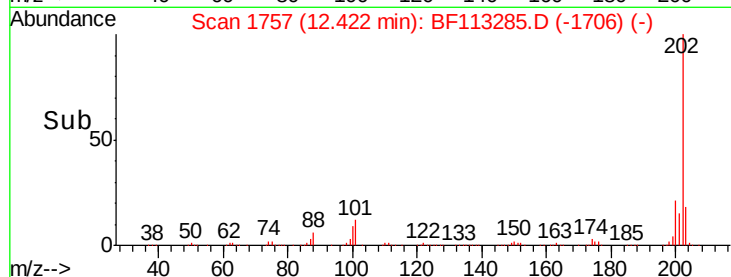
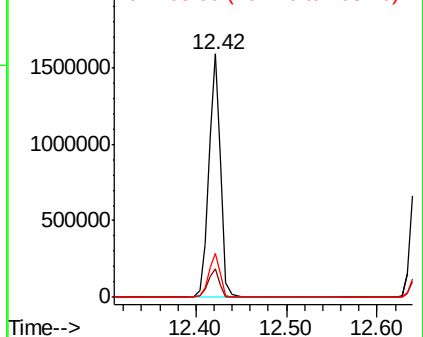
#75
Fluoranthene
Concen: 38.483 ng
RT: 12.42 min Scan# 1757
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion: 202 Resp: 1436717
Ion Ratio Lower Upper
202 100
101 11.6 0.0 31.4
203 18.3 0.0 38.0

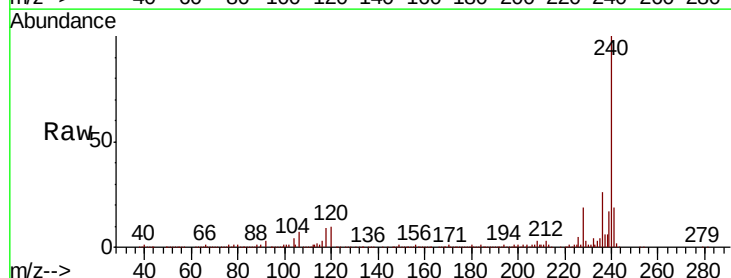


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

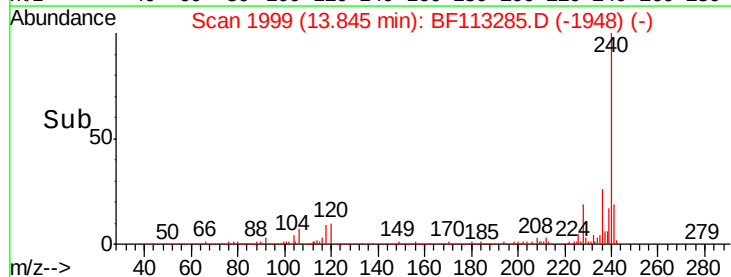
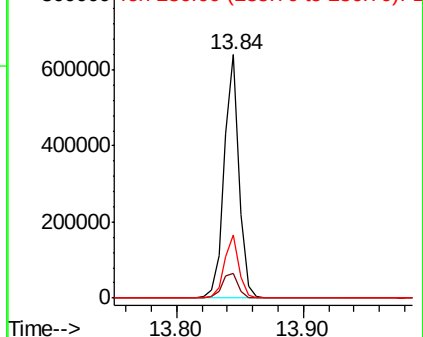


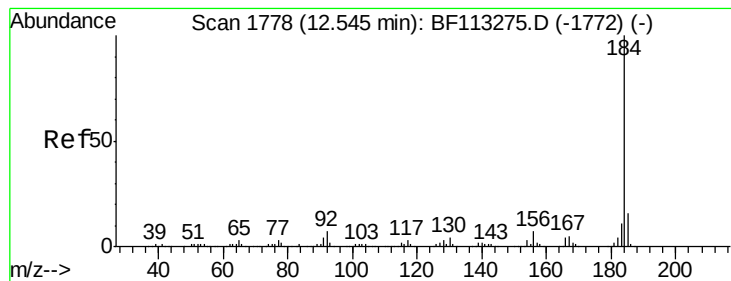
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.84 min Scan# 1999
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Tgt Ion: 240 Resp: 517641
Ion Ratio Lower Upper
240 100
120 9.9 8.8 13.2
236 25.9 20.9 31.3



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 39.980 ng

RT: 12.55 min Scan# 1778

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

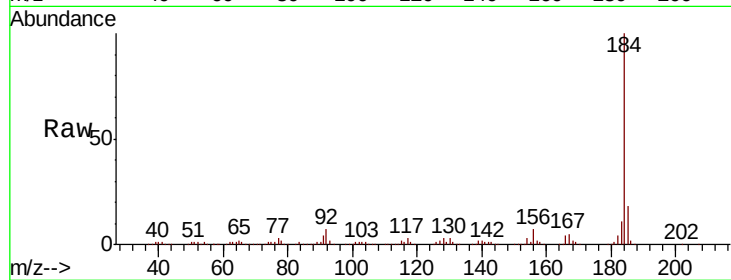
Tgt Ion:184 Resp: 792525

Ion Ratio Lower Upper

184 100

185 18.2 13.0 19.6

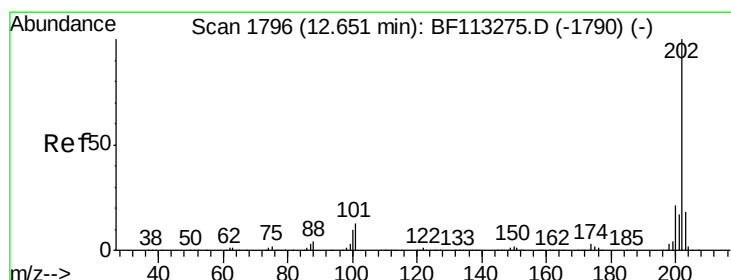
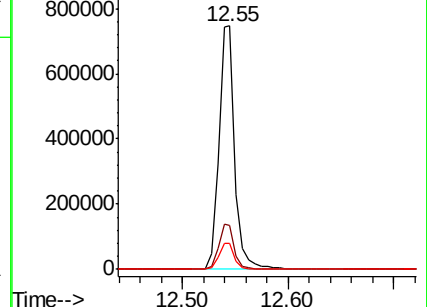
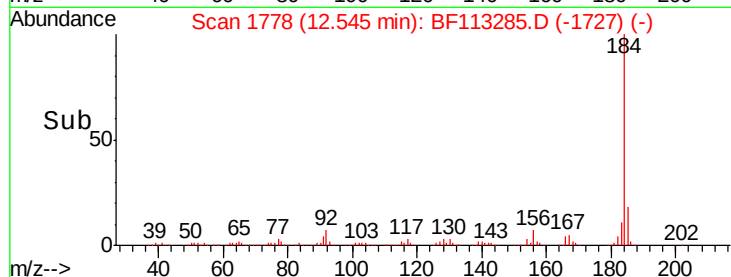
183 10.8 9.0 13.4



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: 41.386 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

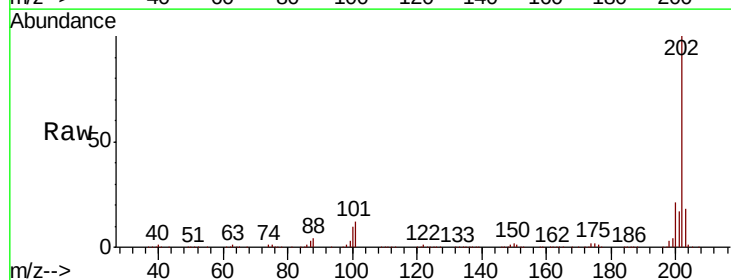
Tgt Ion:202 Resp: 1484550

Ion Ratio Lower Upper

202 100

200 21.1 16.8 25.2

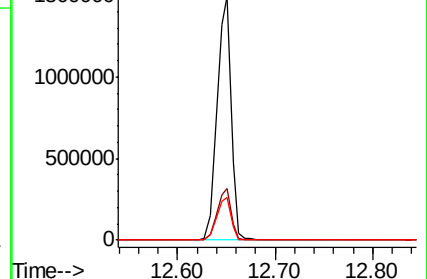
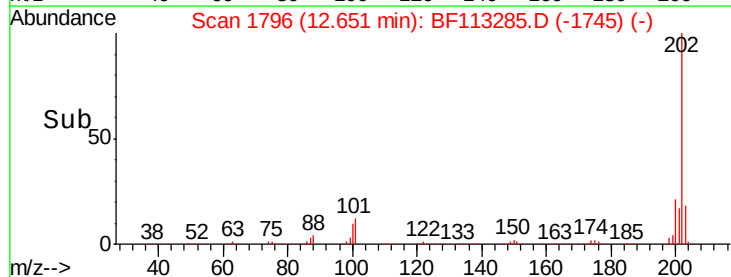
203 17.7 14.4 21.6

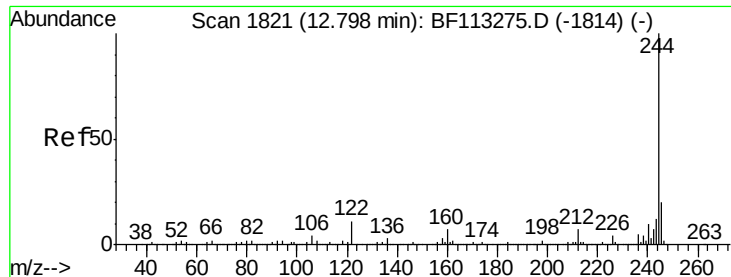


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 79.198 ng

RT: 12.79 min Scan# 1820

Delta R.T. -0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

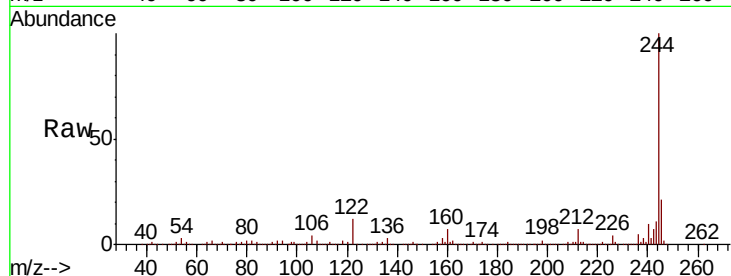
Tgt Ion:244 Resp: 1859934

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

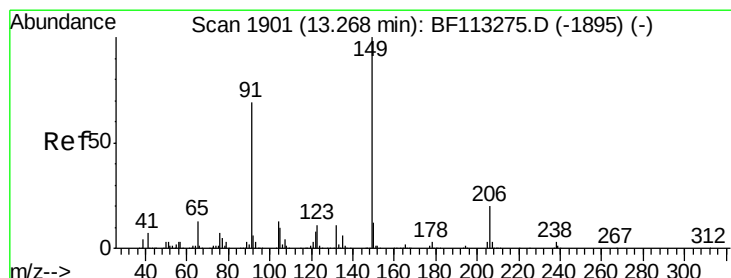
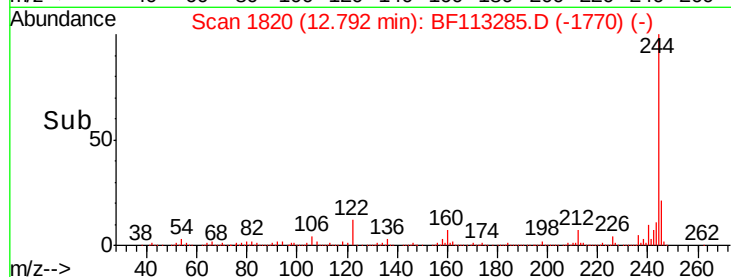
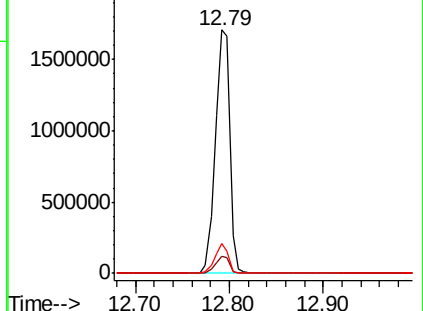
122 12.1 8.6 13.0



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 40.206 ng

RT: 13.27 min Scan# 1901

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

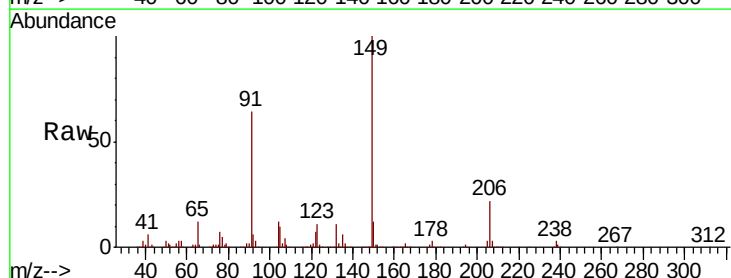
Tgt Ion:149 Resp: 635598

Ion Ratio Lower Upper

149 100

91 63.6 55.2 82.8

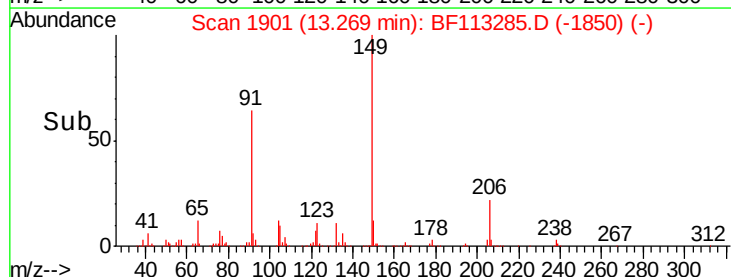
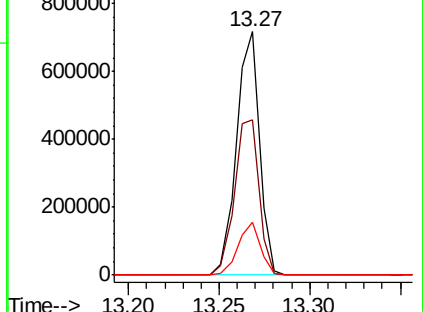
206 21.8 16.1 24.1

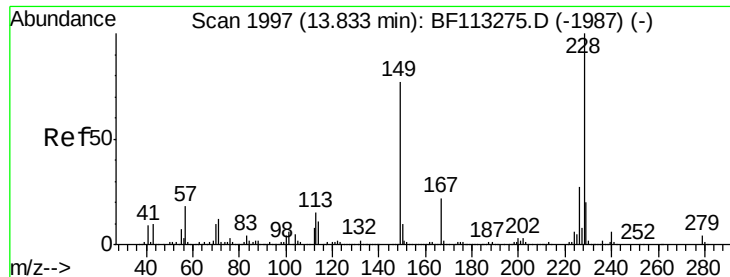


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.086 ng

RT: 13.83 min Scan# 1997

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

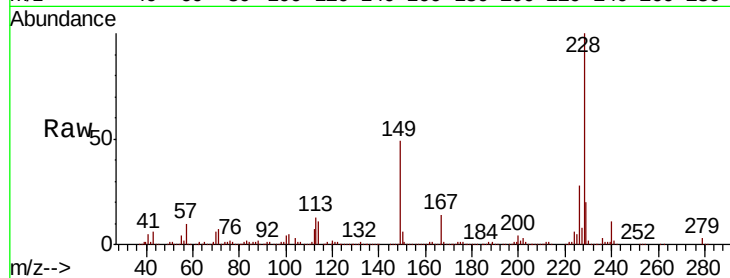
Tgt Ion:228 Resp: 1187782

Ion Ratio Lower Upper

228 100

226 27.7 21.8 32.8

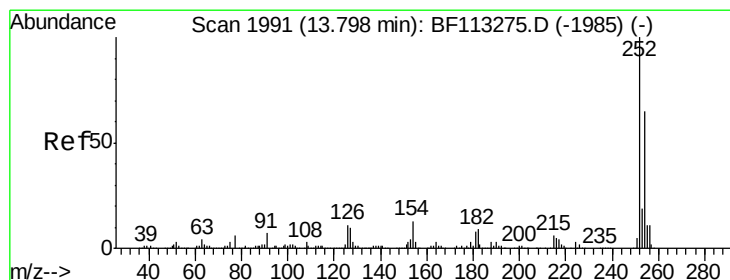
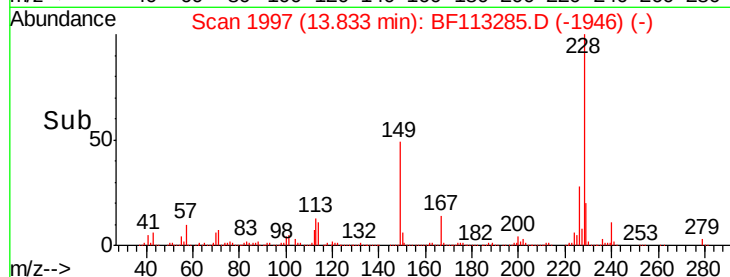
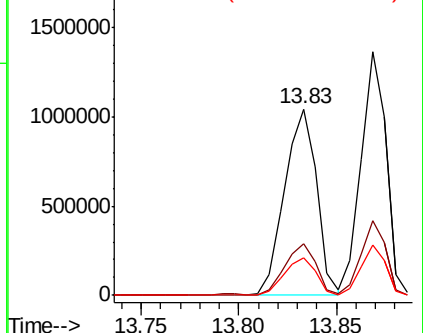
229 20.4 16.2 24.4



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: 41.883 ng

RT: 13.80 min Scan# 1991

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

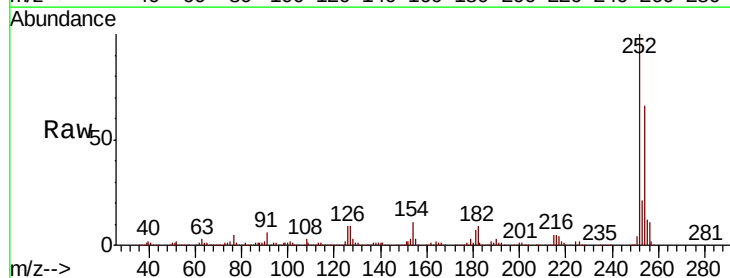
Tgt Ion:252 Resp: 497861

Ion Ratio Lower Upper

252 100

254 66.0 52.2 78.2

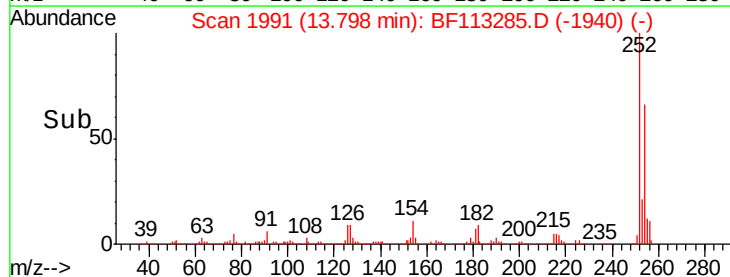
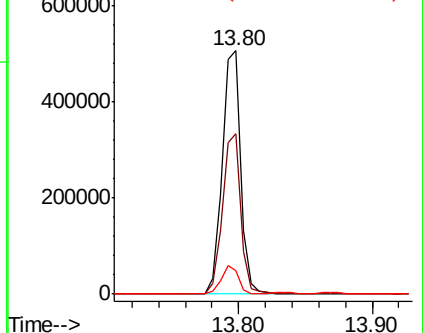
126 9.4 8.5 12.7

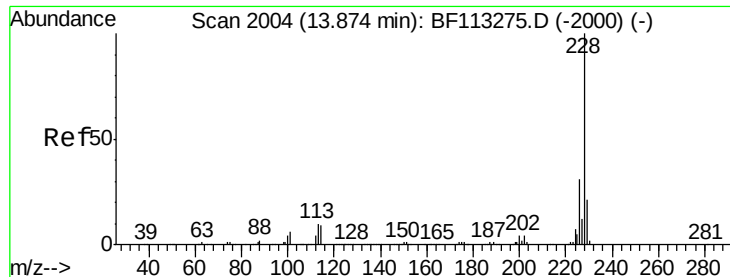


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 40.761 ng

RT: 13.87 min Scan# 2003

Delta R.T. -0.01 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

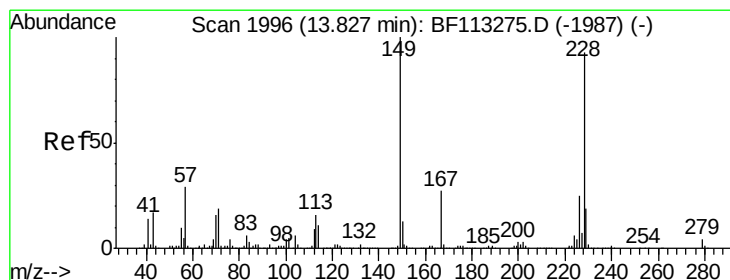
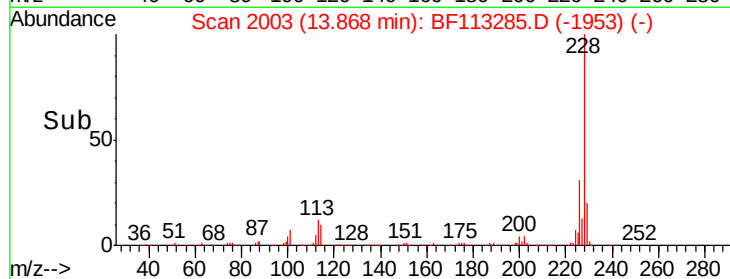
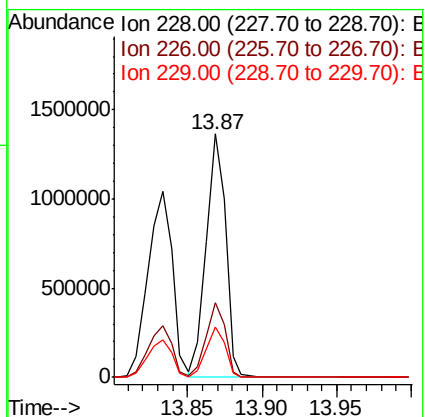
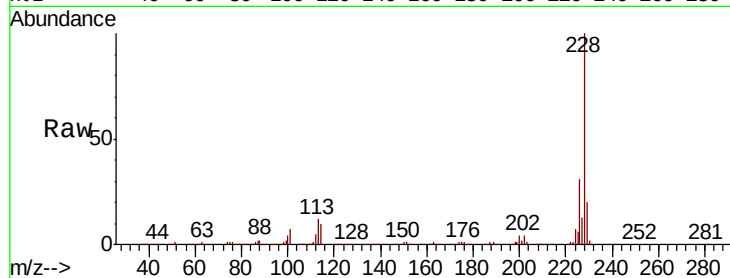
Tgt Ion:228 Resp: 1226756

Ion Ratio Lower Upper

228 100

226 30.8 24.3 36.5

229 20.5 16.3 24.5



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.648 ng

RT: 13.83 min Scan# 1996

Delta R.T. 0.00 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

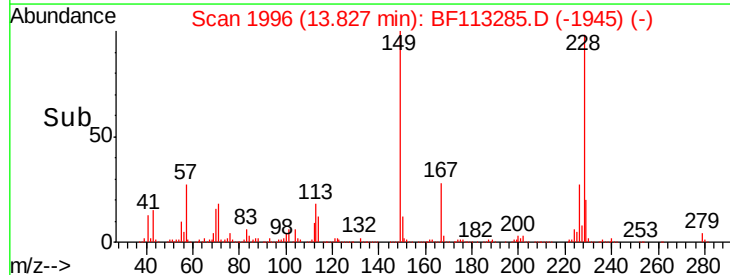
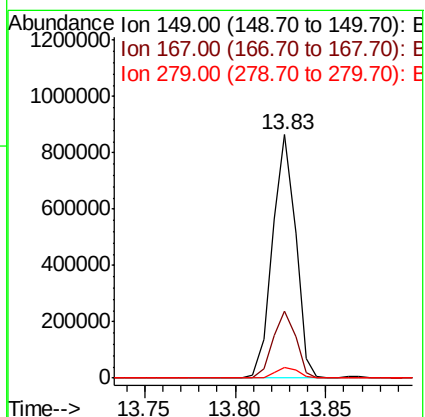
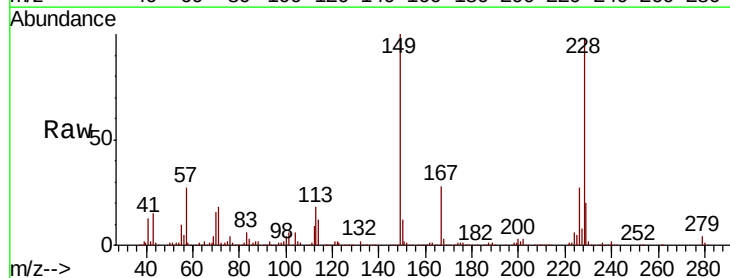
Tgt Ion:149 Resp: 768368

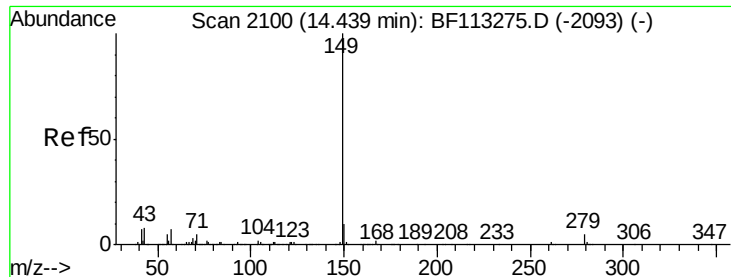
Ion Ratio Lower Upper

149 100

167 27.7 21.8 32.8

279 4.2 2.9 4.3

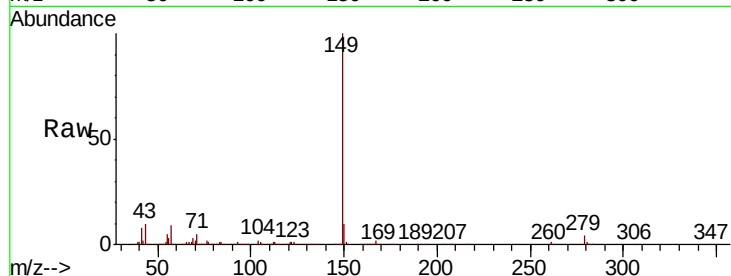




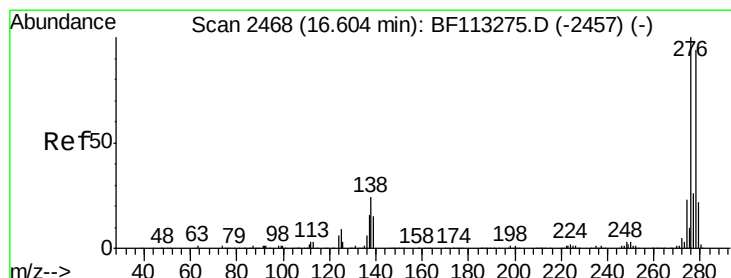
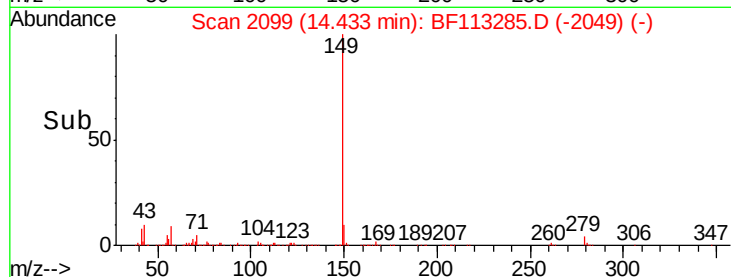
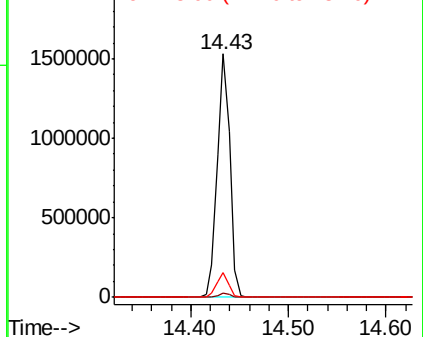
#85
 Di-n-octyl phthalate
 Concen: 41.729 ng
 RT: 14.43 min Scan# 2099
 Delta R.T. -0.01 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040EC

Tgt Ion:149 Resp: 1372692
 Ion Ratio Lower Upper
 149 100
 167 1.5 1.3 1.9
 43 9.6 7.7 11.5

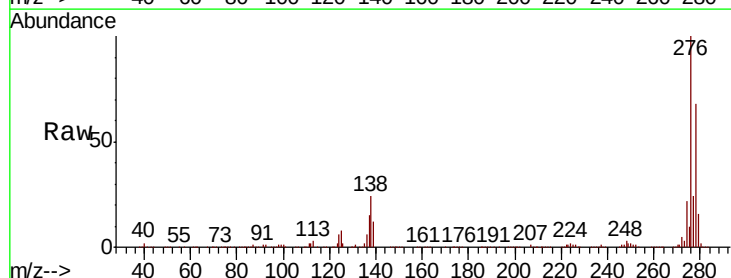


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 43.00 (42.70 to 43.70): BF1

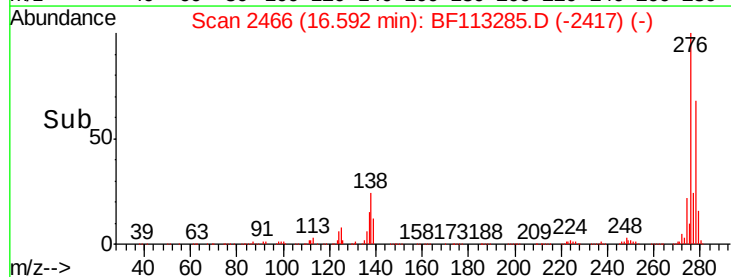
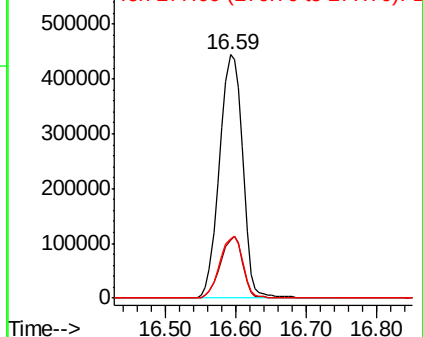


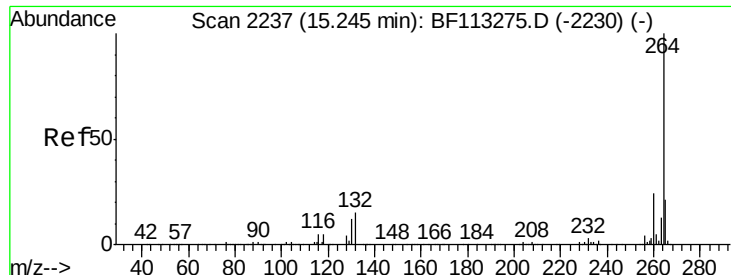
#86
 Indeno(1,2,3-cd)pyrene
 Concen: 39.568 ng
 RT: 16.59 min Scan# 2466
 Delta R.T. -0.01 min
 Lab File: BF113285.D
 Acq: 25 Mar 2019 18:00

Tgt Ion:276 Resp: 1022035
 Ion Ratio Lower Upper
 276 100
 138 24.2 18.1 27.1
 277 25.2 20.2 30.4



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

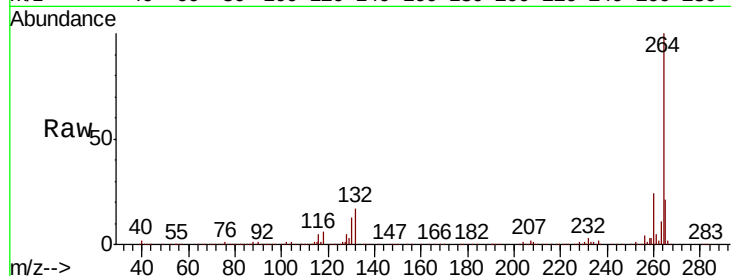




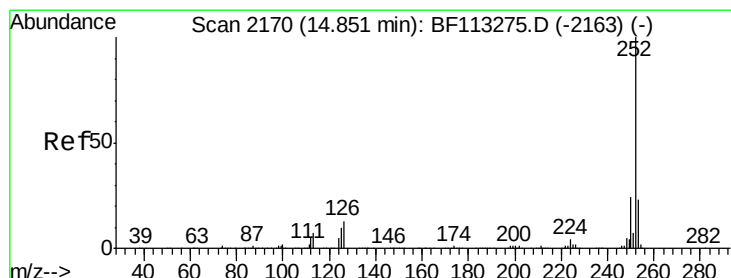
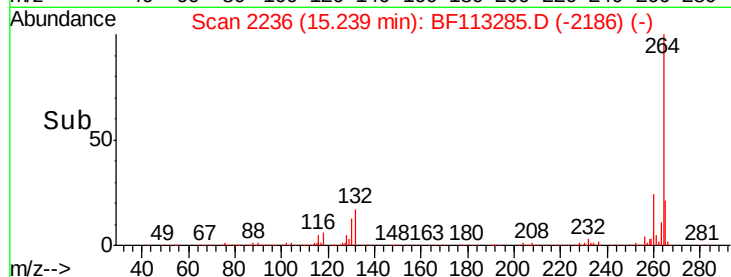
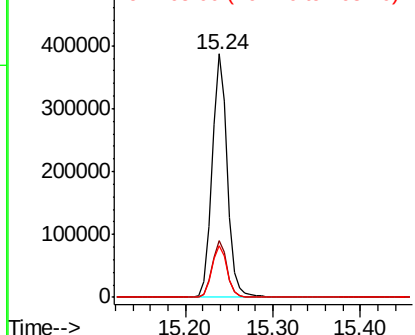
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.24 min Scan# 2236
Delta R.T. -0.01 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:264 Resp: 465003
Ion Ratio Lower Upper
264 100
260 23.5 19.1 28.7
265 21.4 17.1 25.7

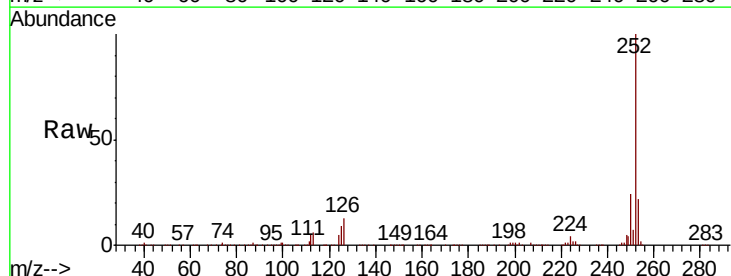


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

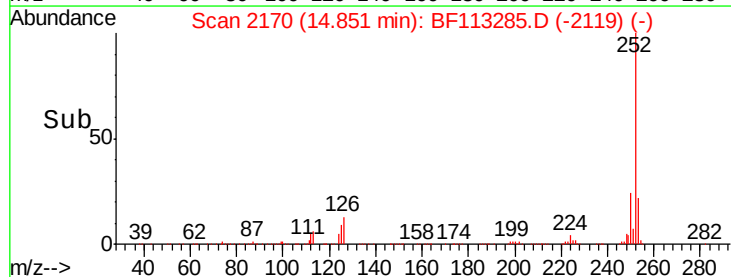
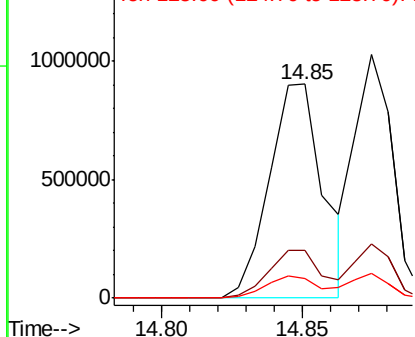


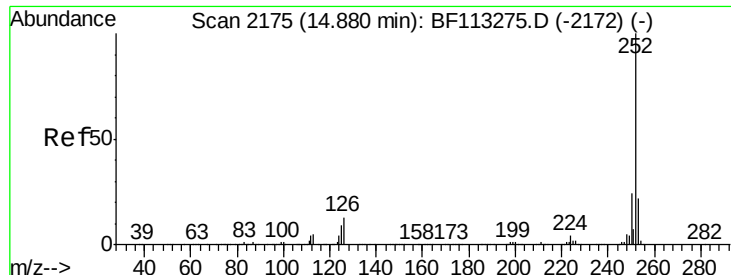
#88
Benzo(b)fluoranthene
Concen: 41.730 ng
RT: 14.85 min Scan# 2170
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Tgt Ion:252 Resp: 1205400
Ion Ratio Lower Upper
252 100
253 22.4 18.0 27.0
125 9.2 7.6 11.4



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

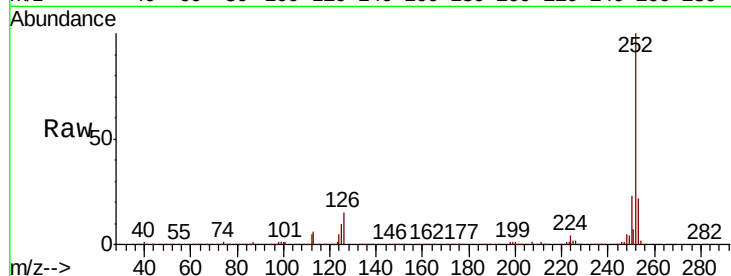




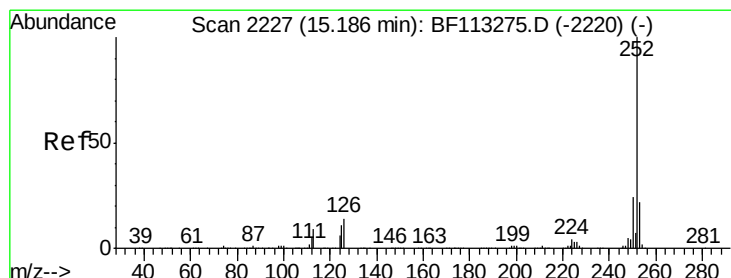
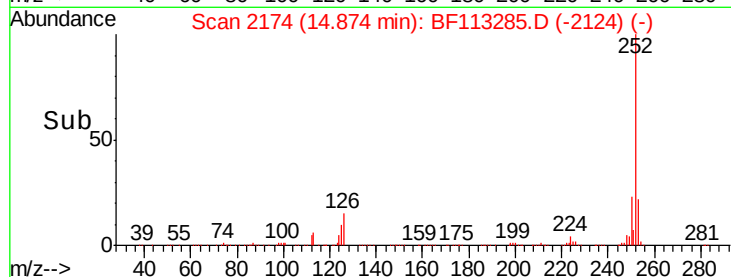
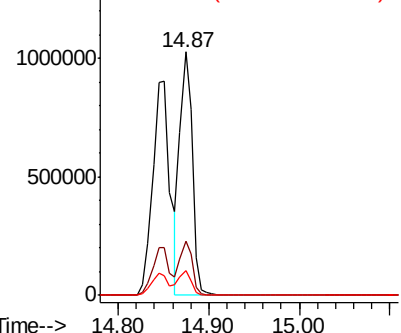
#89
Benzo(k)fluoranthene
Concen: 37.892 ng
RT: 14.87 min Scan# 2174
Delta R.T. -0.01 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040EC

Tgt Ion:252 Resp: 961209
Ion Ratio Lower Upper
252 100
253 22.1 17.7 26.5
125 10.4 7.3 10.9

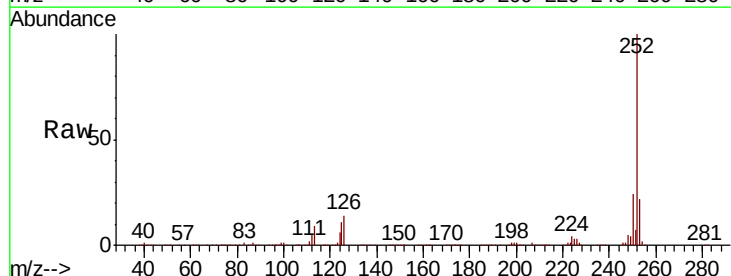


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

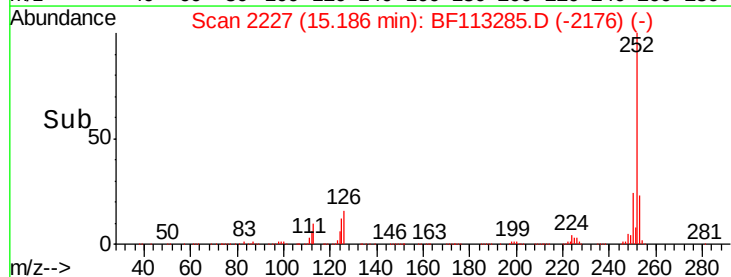
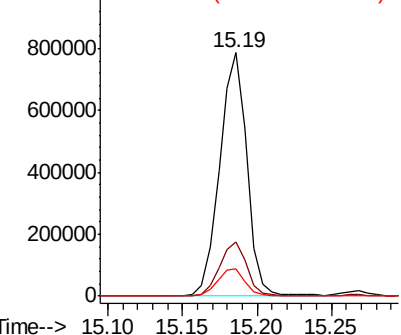


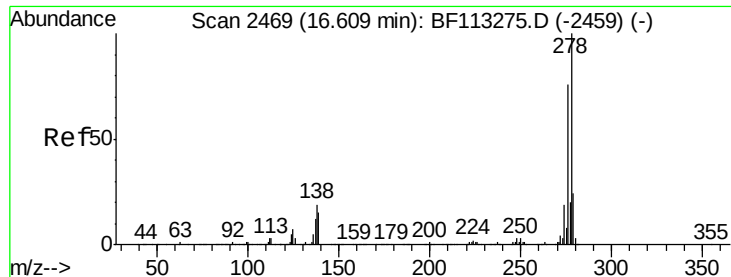
#90
Benzo(a)pyrene
Concen: 39.110 ng
RT: 15.19 min Scan# 2227
Delta R.T. 0.00 min
Lab File: BF113285.D
Acq: 25 Mar 2019 18:00

Tgt Ion:252 Resp: 1001554
Ion Ratio Lower Upper
252 100
253 22.2 17.9 26.9
125 11.2 8.8 13.2



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





#91

Dibenzo(a,h)anthracene

Concen: 37.865 ng

RT: 16.60 min Scan# 2468

Delta R.T. -0.01 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040EC

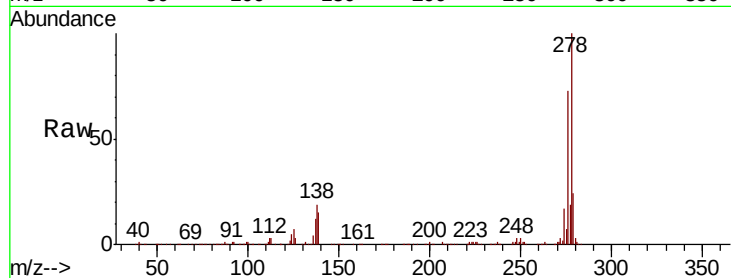
Tgt Ion: 278 Resp: 838425

Ion Ratio Lower Upper

278 100

139 15.1 12.0 18.0

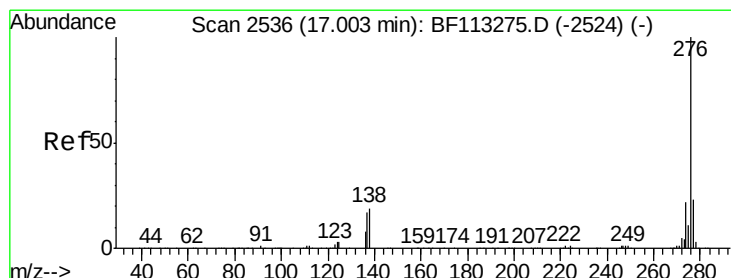
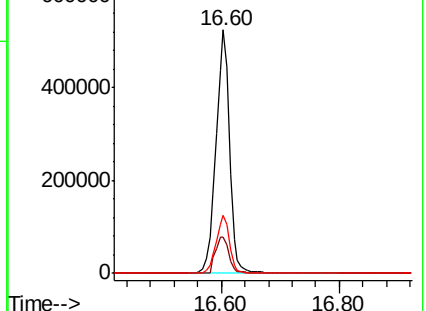
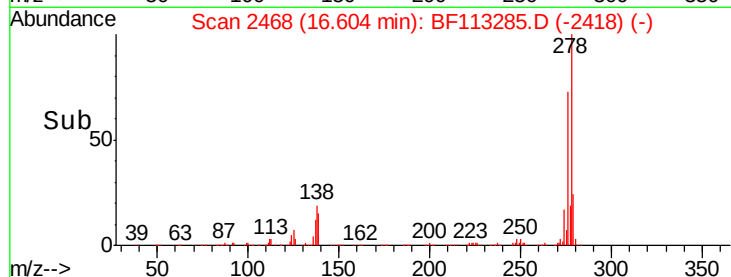
279 23.9 19.0 28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 37.717 ng

RT: 17.00 min Scan# 2535

Delta R.T. -0.01 min

Lab File: BF113285.D

Acq: 25 Mar 2019 18:00

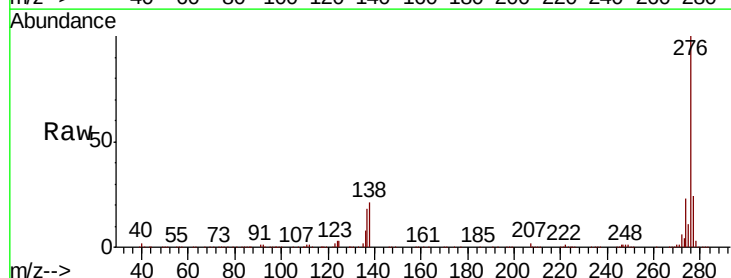
Tgt Ion: 276 Resp: 842065

Ion Ratio Lower Upper

276 100

277 24.1 18.8 28.2

138 21.4 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

