

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
 Data File : BF112560.D
 Acq On : 14 Feb 2019 11:23
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 15 04:20:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 28 10:38:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.83	152	125271	20.00	ng	-0.02
21) Naphthalene-d8	8.12	136	492214	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	249251	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	492272	20.00	ng	0.00
76) Chrysene-d12	14.01	240	393191	20.00	ng	0.00
87) Perylene-d12	15.49	264	301814	20.00	ng	0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	549780	93.22	ng	-0.01
7) Phenol-d6	6.49	99	701613	85.61	ng	0.00
23) Nitrobenzene-d5	7.40	82	681985	79.83	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	244325	84.21	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1370901	77.79	ng	-0.01
79) Terphenyl-d14	12.94	244	1644034	78.75	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.58	88	107535	45.771	ng	94
3) Pyridine	3.35	79	263470	44.086	ng	97
4) n-Nitrosodimethylamine	3.30	42	124091	49.422	ng	# 90
6) Aniline	6.50	93	421752	43.262	ng	# 65
8) 2-Chlorophenol	6.63	128	327615	41.293	ng	100
9) Benzaldehyde	6.39	77	168384	39.311	ng	99
10) Phenol	6.50	94	380627	42.334	ng	91
11) bis(2-Chloroethyl)ether	6.57	93	292676	41.347	ng	95
12) 1,3-Dichlorobenzene	6.77	146	362891	39.275	ng	99
13) 1,4-Dichlorobenzene	6.85	146	381998	40.171	ng	99
14) 1,2-Dichlorobenzene	7.00	146	351641	39.496	ng	97
15) Benzyl Alcohol	6.98	79	281188	40.703	ng	94
16) 2,2'-oxybis(1-Chloropropan	7.10	45	353529	38.898	ng	# 27
17) 2-Methylphenol	7.10	107	249971	39.745	ng	# 88
18) Hexachloroethane	7.34	117	133386	39.945	ng	96
19) n-Nitroso-di-n-propylamine	7.25	70	232199	41.091	ng	97
20) 3+4-Methylphenols	7.26	107	340766	42.370	ng	# 68
22) Acetophenone	7.25	105	477610	39.849	ng	# 95
24) Nitrobenzene	7.42	77	336237	39.412	ng	94
25) Isophorone	7.66	82	538974	40.218	ng	99
26) 2-Nitrophenol	7.73	139	185915	40.777	ng	# 88
27) 2,4-Dimethylphenol	7.77	122	249293	39.686	ng	92
28) bis(2-Chloroethoxy)methane	7.86	93	361023	39.564	ng	99
29) 2,4-Dichlorophenol	7.99	162	287713	40.929	ng	99
30) 1,2,4-Trichlorobenzene	8.06	180	318595	39.428	ng	99
31) Naphthalene	8.14	128	915651	39.780	ng	98
32) Benzoic acid	7.94	122	177168	49.444	ng	97
33) 4-Chloroaniline	8.19	127	401213	40.031	ng	99
34) Hexachlorobutadiene	8.25	225	188597	39.774	ng	99
35) Caprolactam	8.57	113	75372	30.394	ng	96
36) 4-Chloro-3-methylphenol	8.69	107	297110	39.925	ng	94
37) 2-Methylnaphthalene	8.83	142	616026	39.094	ng	95
38) 1-Methylnaphthalene	8.93	142	594934	39.390	ng	96
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	314480	38.427	ng	98

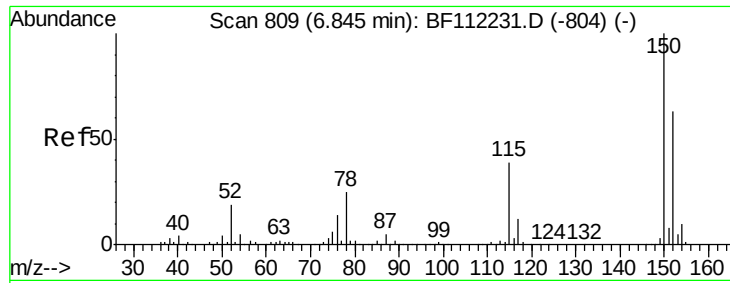
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF021419\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	89071	34.810	nq	97
43) 2,4,6-Trichlorophenol	9.12	196	195268	38.708	nq	99
44) 2,4,5-Trichlorophenol	9.17	196	199308	37.803	nq	95
46) 1,1'-Biphenyl	9.29	154	852362	39.116	nq	99
47) 2-Chloronaphthalene	9.32	162	656818	38.870	nq	95
48) 2-Nitroaniline	9.42	65	186821	40.563	nq	89
49) Acenaphthylene	9.73	152	961125	38.806	nq	98
50) Dimethylphthalate	9.59	163	749115	38.683	nq	99
51) 2,6-Dinitrotoluene	9.66	165	169745	39.138	nq #	76
52) Acenaphthene	9.91	154	584916	39.534	nq	99
53) 3-Nitroaniline	9.84	138	188790	40.179	nq	93
54) 2,4-Dinitrophenol	9.96	184	63396	45.546	nq	93
55) Dibenzofuran	10.08	168	874705	38.688	nq	94
56) 4-Nitrophenol	10.02	139	103463	41.649	nq	86
57) 2,4-Dinitrotoluene	10.07	165	220495	39.934	nq #	62
58) Fluorene	10.42	166	680383	40.214	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	159328	39.989	nq	92
60) Diethylphthalate	10.29	149	781524	40.666	nq	98
61) 4-Chlorophenyl-phenylether	10.41	204	362801	39.420	nq	96
62) 4-Nitroaniline	10.46	138	172642	37.459	nq	91
63) Azobenzene	10.57	77	697169	41.248	nq	99
65) 4,6-Dinitro-2-methylphenol	10.50	198	106330	38.526	nq	97
66) n-Nitrosodiphenylamine	10.53	169	650649	39.217	nq	99
67) 4-Bromophenyl-phenylether	10.90	248	223890	38.670	nq	97
68) Hexachlorobenzene	10.98	284	243838	39.254	nq	98
69) Atrazine	11.06	200	180087	33.640	nq	96
70) Pentachlorophenol	11.18	266	89893	37.191	nq	96
71) Phenanthrene	11.39	178	994606	38.863	nq	99
72) Anthracene	11.44	178	1014542	39.796	nq	100
73) Carbazole	11.60	167	1014815	40.355	nq	99
74) Di-n-butylphthalate	11.91	149	1257123	40.275	nq	99
75) Fluoranthene	12.58	202	1048004	38.179	nq	98
77) Benzidine	12.69	184	504948	46.660	nq	96
78) Pyrene	12.81	202	1088918	40.001	nq	99
80) Butylbenzylphthalate	13.41	149	532559	40.435	nq	95
81) Benzo(a)anthracene	14.00	228	926034	40.064	nq	97
82) 3,3'-Dichlorobenzidine	13.96	252	351300	40.612	nq	99
83) Chrysene	14.04	228	874461	39.634	nq	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	741475	39.661	nq #	97
85) Di-n-octyl phthalate	14.57	149	1103259	38.356	nq	98
86) Indeno(1,2,3-cd)pyrene	16.99	276	601191	34.388	nq	96
88) Benzo(b)fluoranthene	15.06	252	724926	40.162	nq	98
89) Benzo(k)fluoranthene	15.09	252	701333	40.565	nq	97
90) Benzo(a)pyrene	15.43	252	640447	39.434	nq	99
91) Dibenzo(a,h)anthracene	16.98	278	512150	39.127	nq	100
92) Benzo(g,h,i)perylene	17.43	276	490963	39.756	nq	96

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.83 min Scan# 806

Delta R.T. -0.02 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

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SSTDCCC040

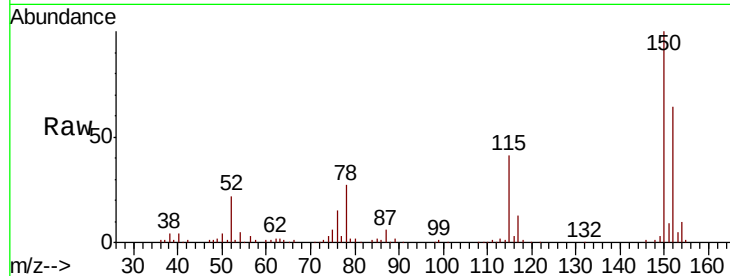
Tot Ion:152 Resp: 125271

Ion Ratio Lower Upper

152 100

150 156.0 127.4 191.0

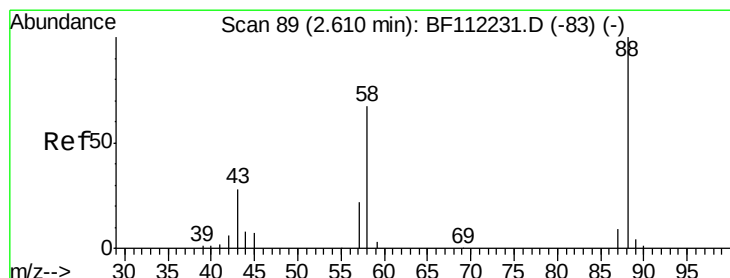
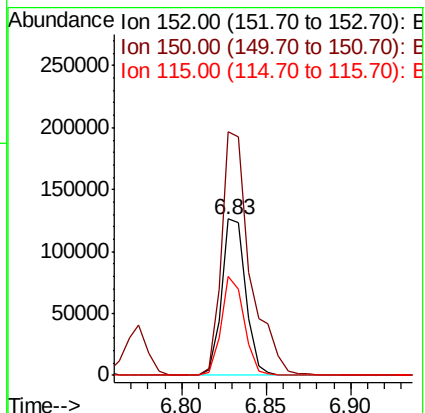
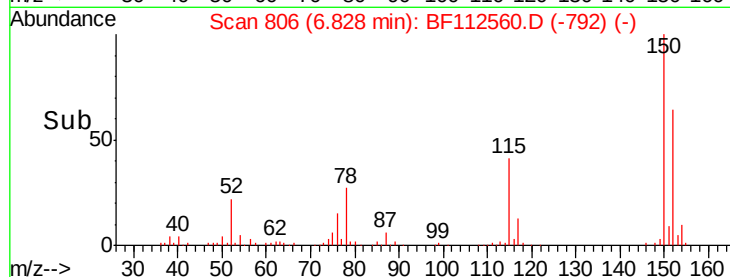
115 63.2 45.5 68.3



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: 45.771 ng

RT: 2.58 min Scan# 84

Delta R.T. -0.03 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

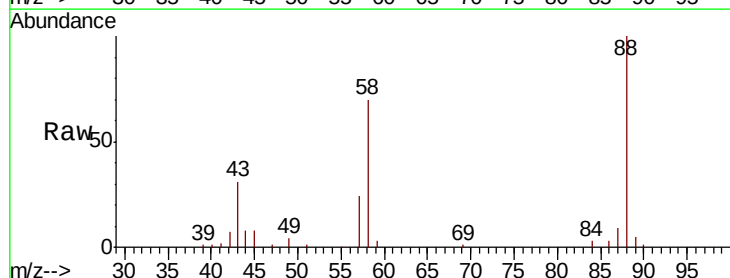
Tgt Ion: 88 Resp: 107535

Ion Ratio Lower Upper

88 100

58 66.7 57.4 86.2

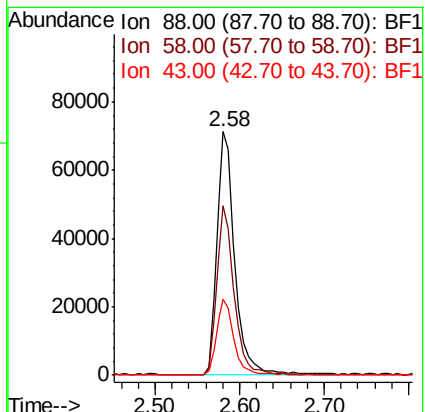
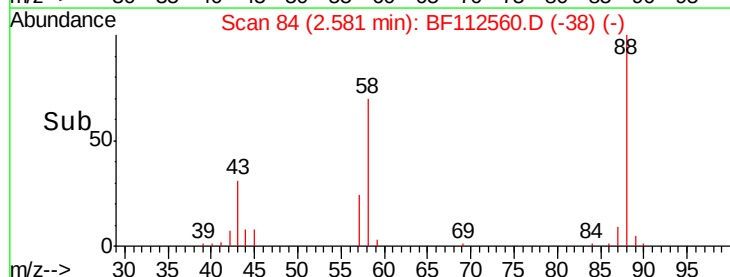
43 30.0 22.2 33.4

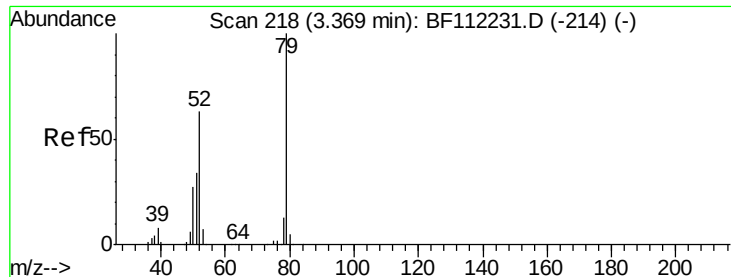


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 44.086 ng

RT: 3.35 min Scan# 214

Delta R.T. -0.02 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

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ClientSampleId :

SSTDCCC040

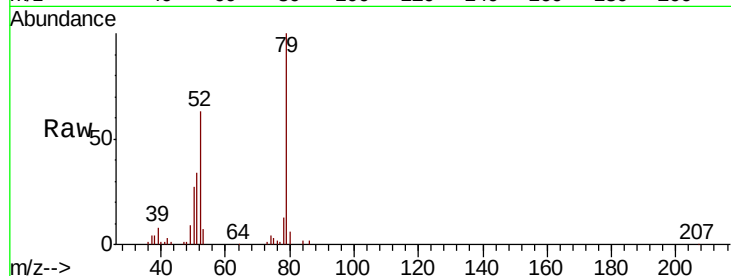
Tot Ion: 79 Resp: 263470

Ion Ratio Lower Upper

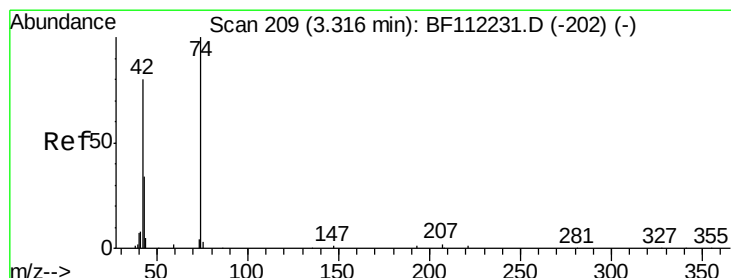
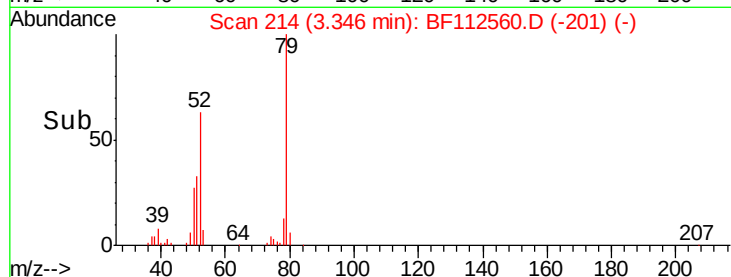
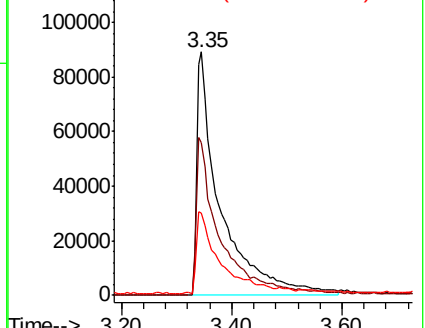
79 100

52 63.0 52.4 78.6

51 33.9 26.1 39.1



Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 49.422 ng

RT: 3.30 min Scan# 207

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

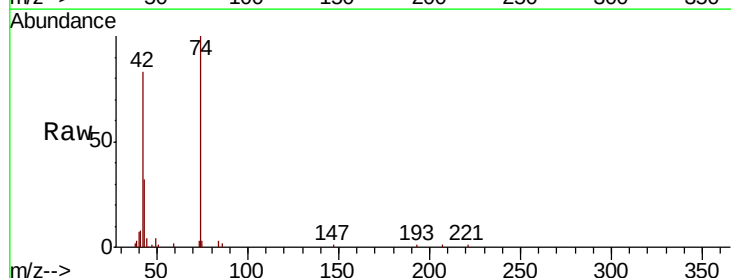
Tgt Ion: 42 Resp: 124091

Ion Ratio Lower Upper

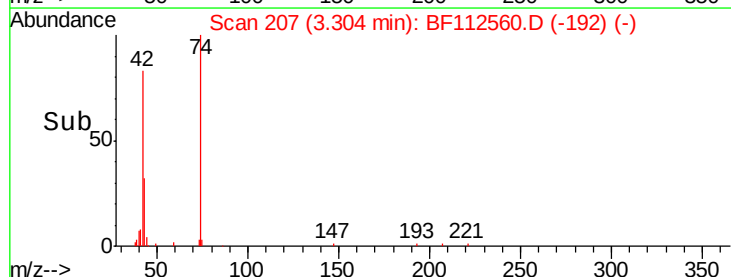
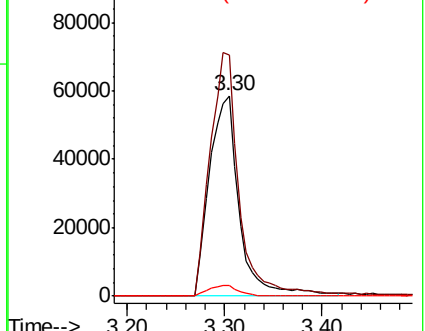
42 100

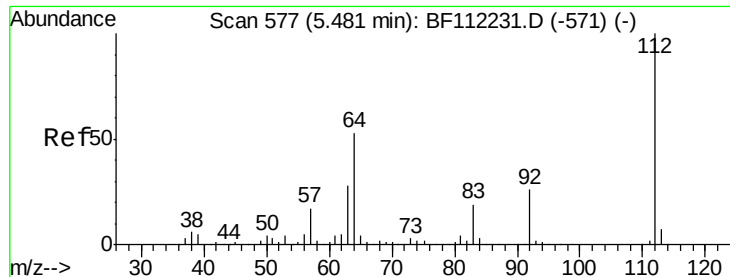
74 120.4 105.6 158.4

44 5.2 5.4 8.2#



Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 93.219 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

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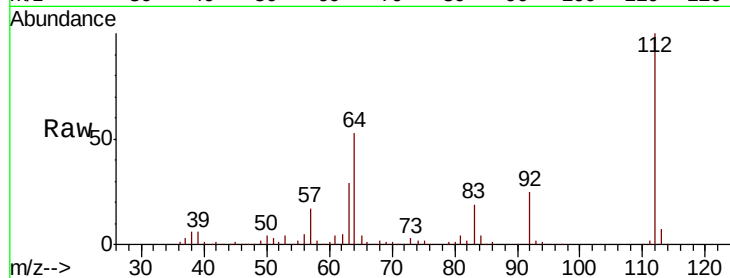
Tot Ion:112 Resp: 549780

Ion Ratio Lower Upper

112 100

64 52.8 45.7 68.5

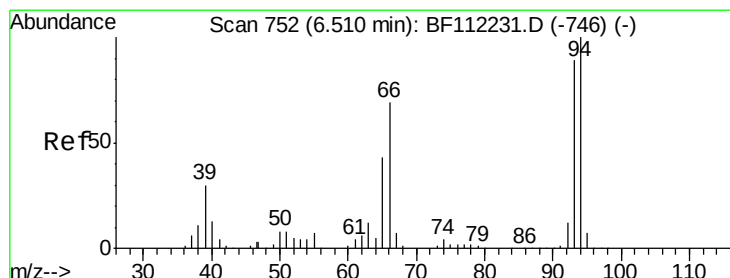
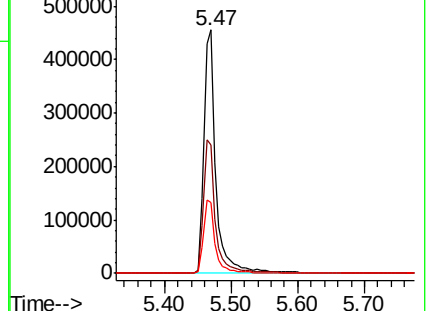
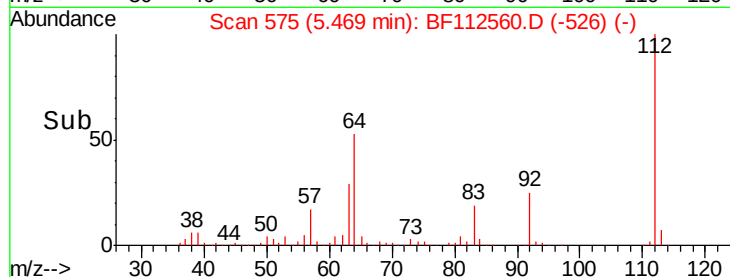
63 29.3 23.6 35.4



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: 43.262 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

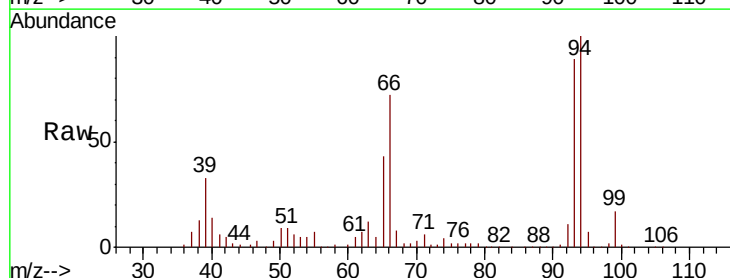
Tgt Ion: 93 Resp: 421752

Ion Ratio Lower Upper

93 100

66 80.7 43.4 65.2#

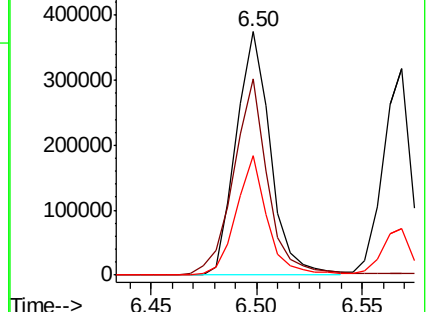
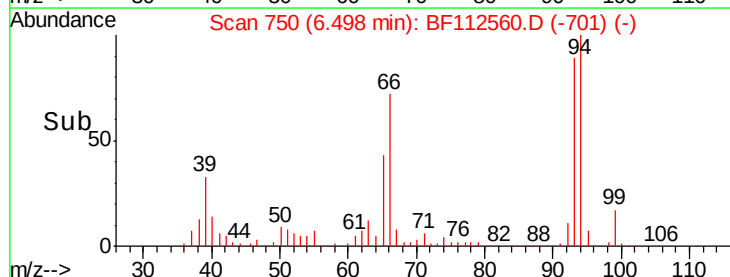
65 48.8 25.3 37.9#

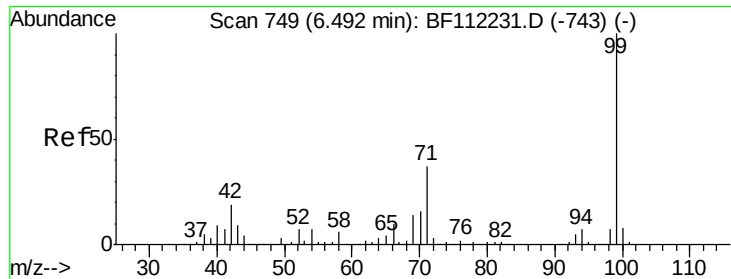


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 85.613 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

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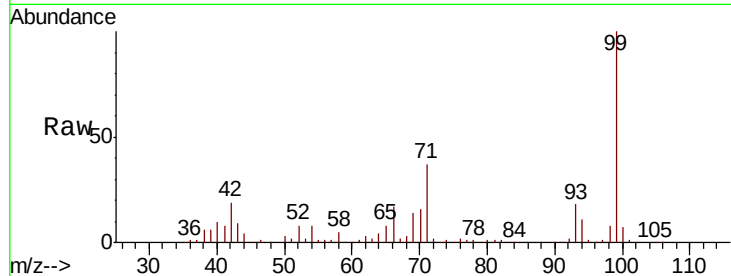
Tot Ion: 99 Resp: 701613

Ion Ratio Lower Upper

99 100

42 19.3 15.1 22.7

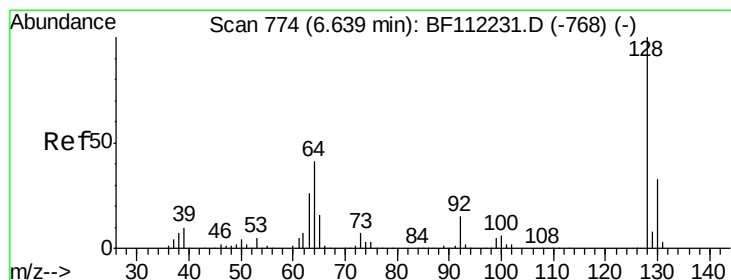
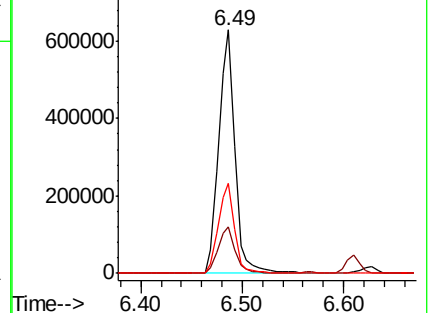
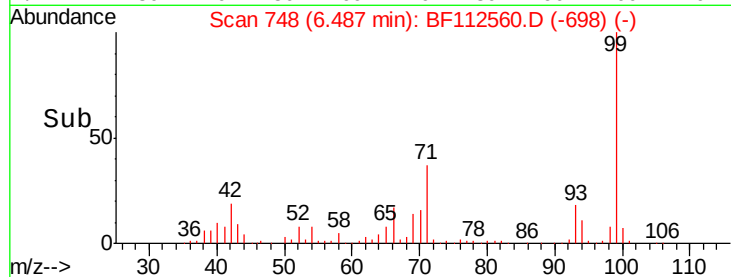
71 37.1 26.9 40.3



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: 41.293 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

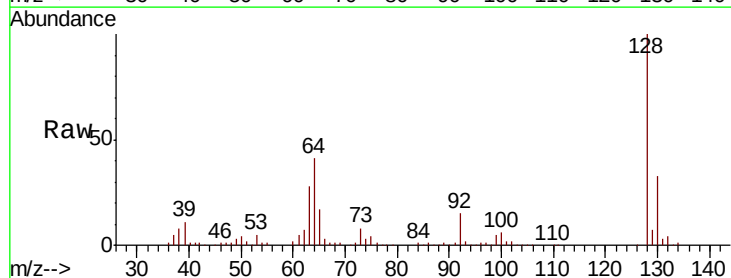
Tgt Ion: 128 Resp: 327615

Ion Ratio Lower Upper

128 100

130 32.9 13.4 53.4

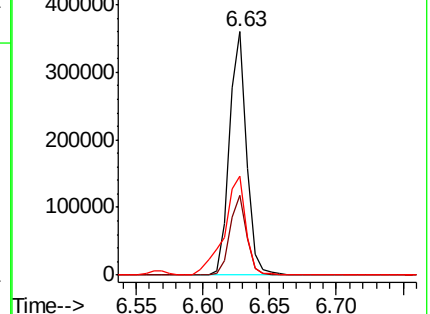
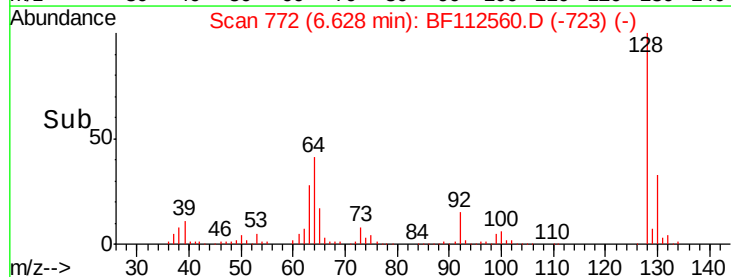
64 40.5 20.5 60.5

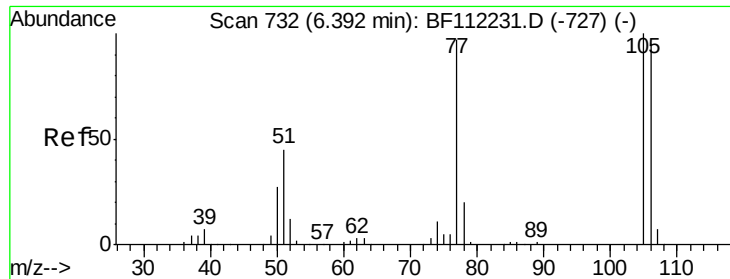


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 39.311 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

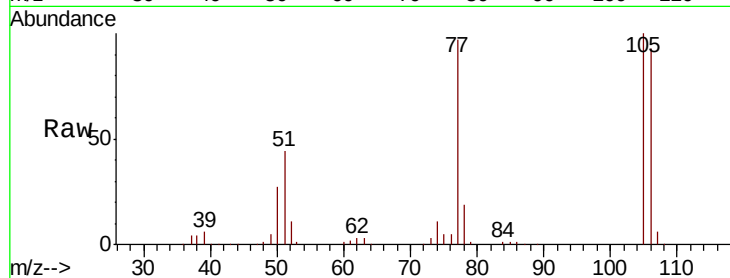
Tot Ion: 77 Resp: 168384

Ion Ratio Lower Upper

77 100

105 103.1 80.8 120.8

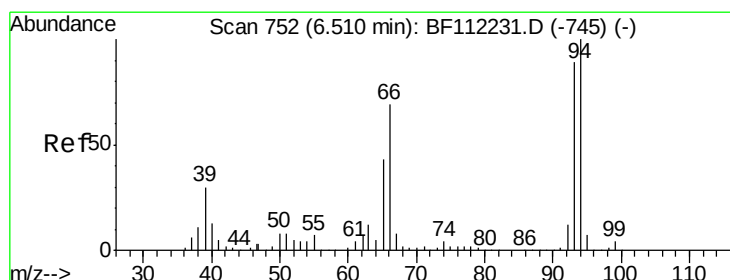
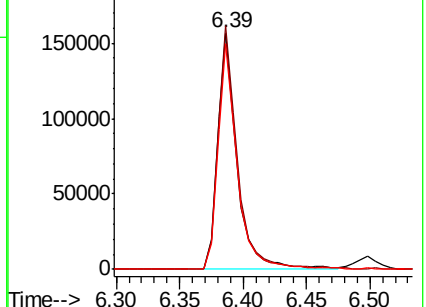
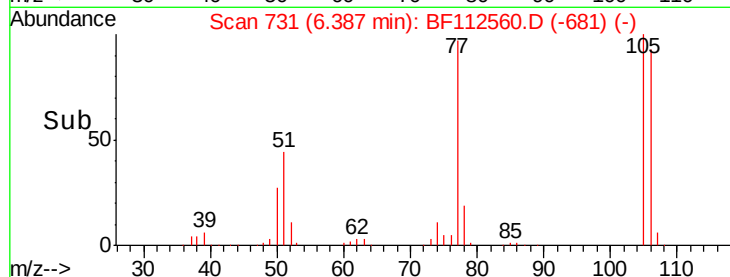
106 95.8 75.7 115.7



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: 42.334 ng

RT: 6.50 min Scan# 750

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

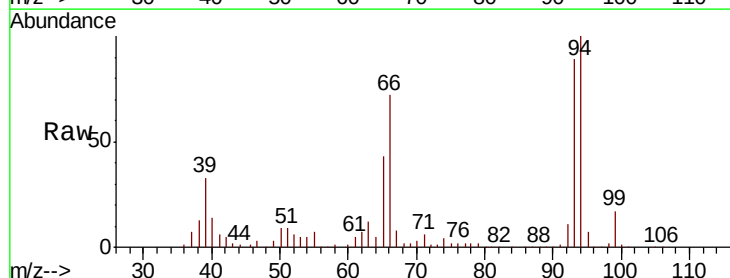
Tgt Ion: 94 Resp: 380627

Ion Ratio Lower Upper

94 100

65 43.5 20.3 60.3

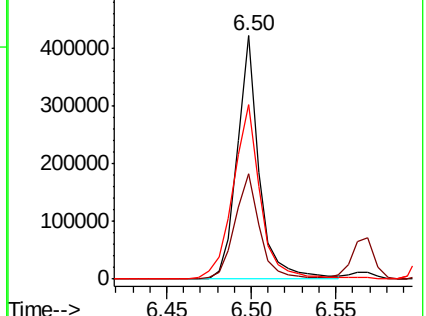
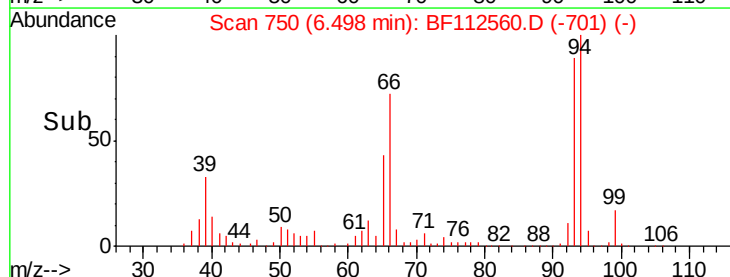
66 71.8 42.4 82.4

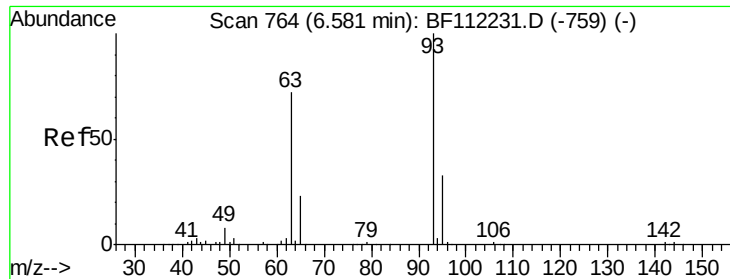


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

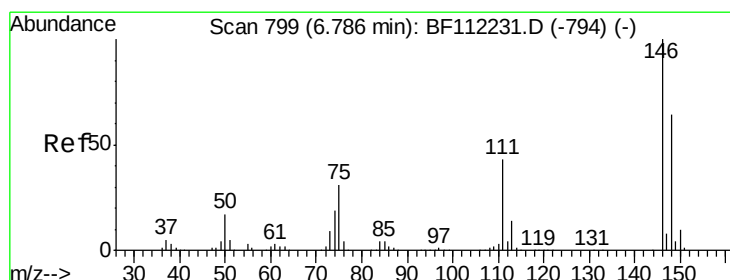
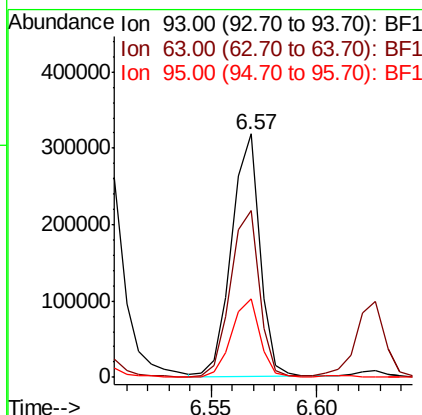
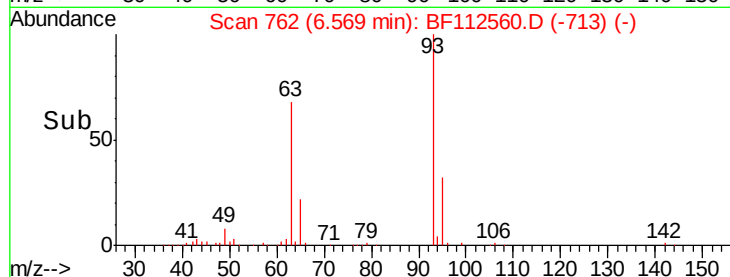
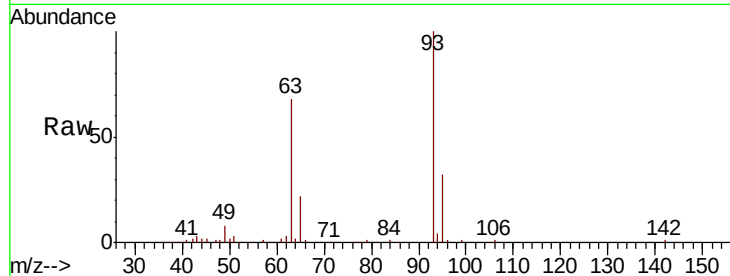




#11
bis(2-Chloroethyl)ether
Concen: 41.347 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

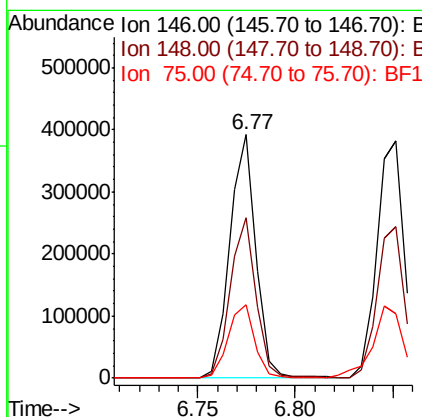
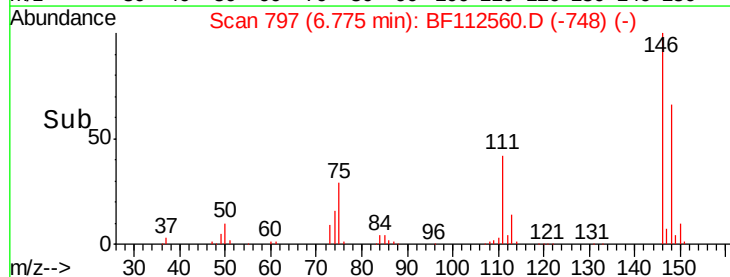
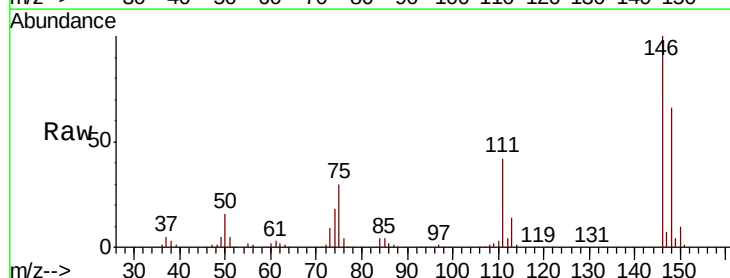
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

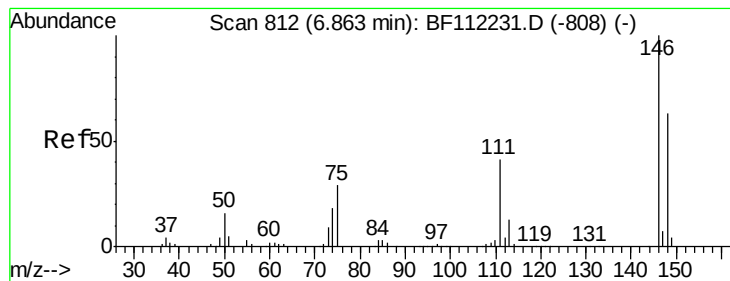
Tot Ion: 93 Resp: 292676
Ion Ratio Lower Upper
93 100
63 68.3 53.3 93.3
95 32.3 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 39.275 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion: 146 Resp: 362891
Ion Ratio Lower Upper
146 100
148 65.8 51.8 77.8
75 29.9 23.1 34.7





#13

1,4-Dichlorobenzene

Concen: 40.171 ng

RT: 6.85 min Scan# 810

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

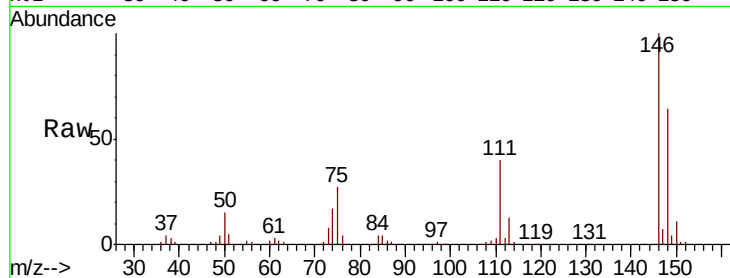
Tot Ion:146 Resp: 381998

Ion Ratio Lower Upper

146 100

148 64.1 52.0 78.0

111 39.9 31.2 46.8

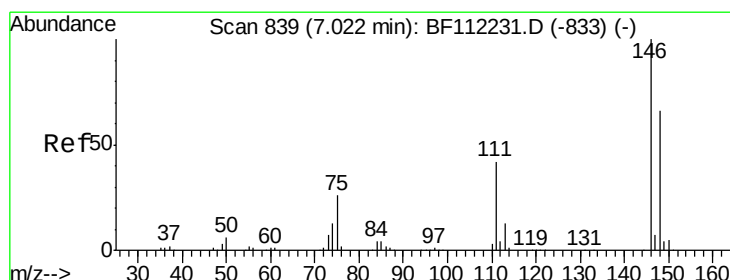
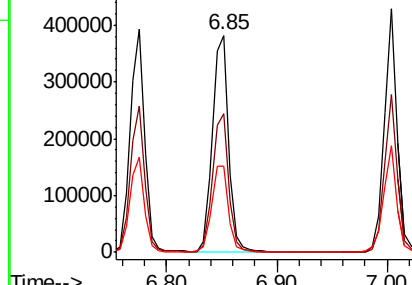
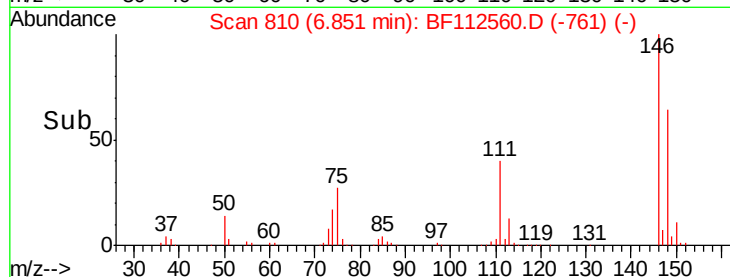


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.496 ng

RT: 7.00 min Scan# 836

Delta R.T. -0.02 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

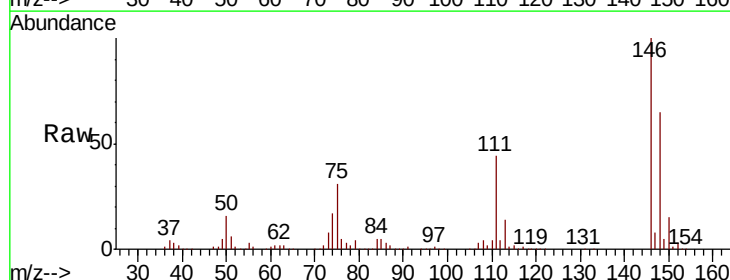
Tgt Ion:146 Resp: 351641

Ion Ratio Lower Upper

146 100

148 64.7 52.2 78.4

111 43.7 31.2 46.8

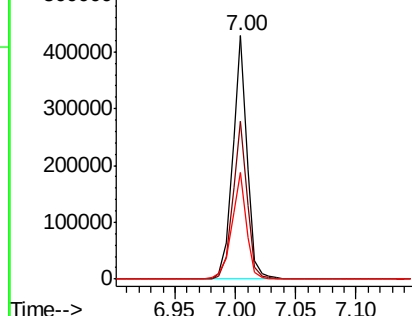
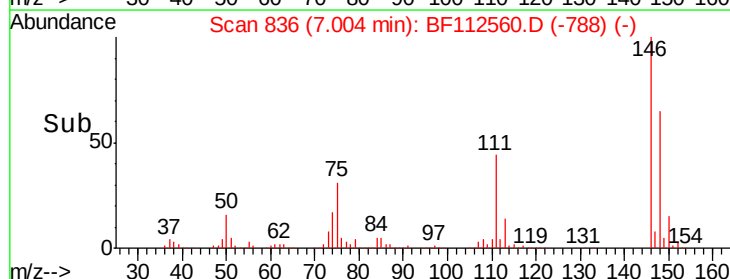


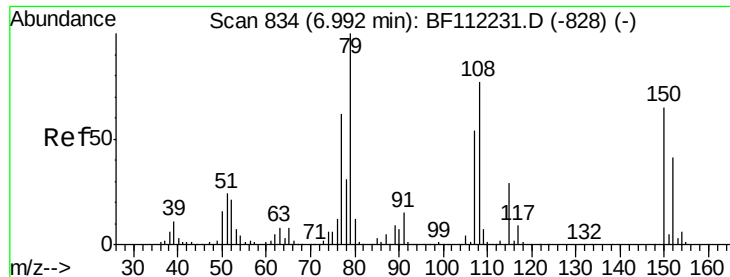
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

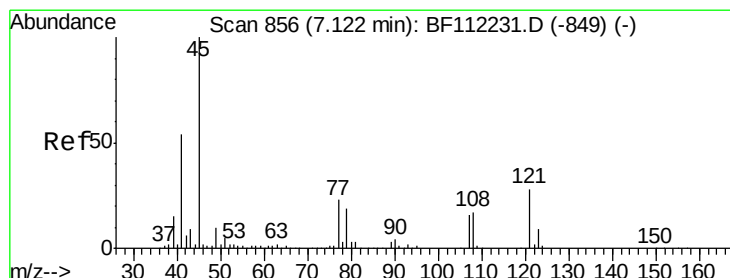
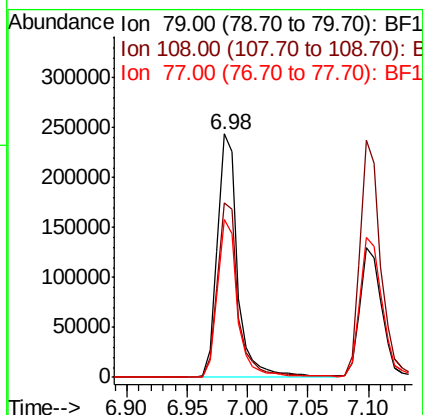
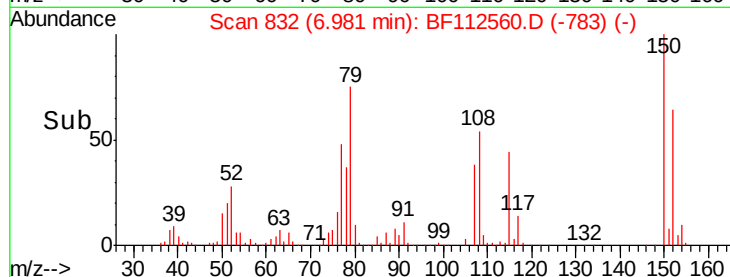
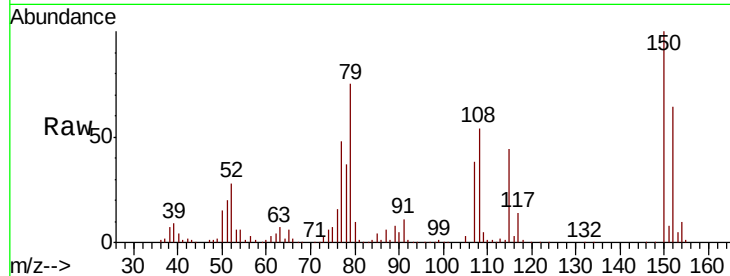




#15
Benzyl Alcohol
Concen: 40.703 ng
RT: 6.98 min Scan# 832
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

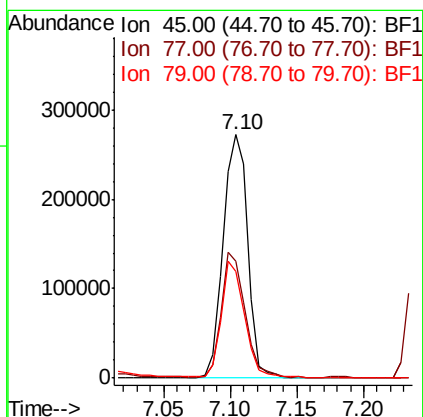
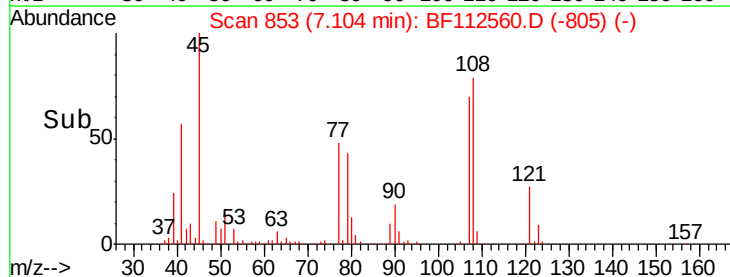
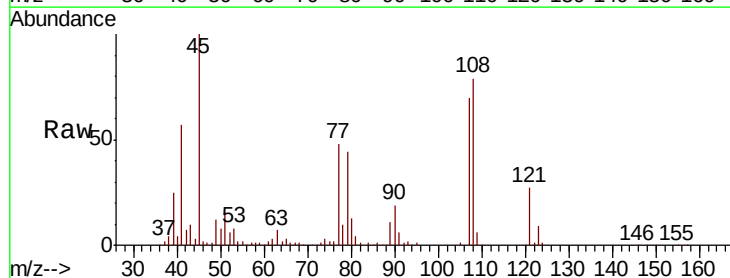
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

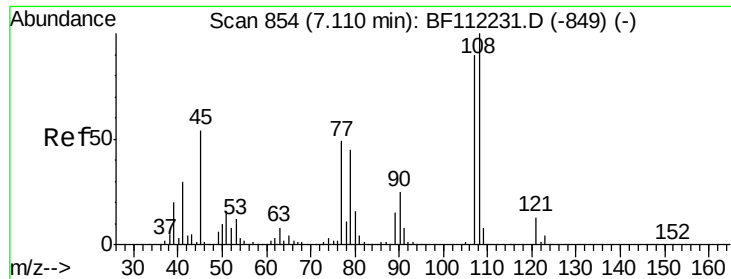
Tot Ion: 79 Resp: 281188
Ion Ratio Lower Upper
79 100
108 71.6 64.2 96.2
77 64.6 50.3 75.5



#16
2,2'-oxybis(1-chloropropane)
Concen: 38.898 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.02 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion: 45 Resp: 353529
Ion Ratio Lower Upper
45 100
77 48.2 0.0 36.9#
79 44.0 0.0 34.0#

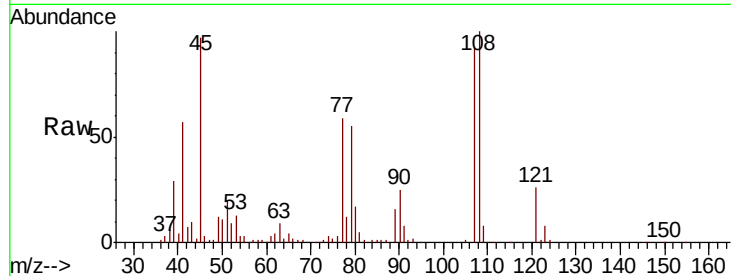




#17
2-Methylphenol
Concen: 39.745 ng
RT: 7.10 min Scan# 852
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
107	100		
108	108.8	91.3	136.9
77	64.2	39.0	58.6
79	59.6	37.0	55.4



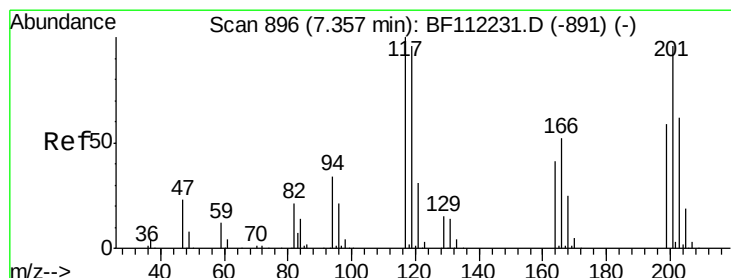
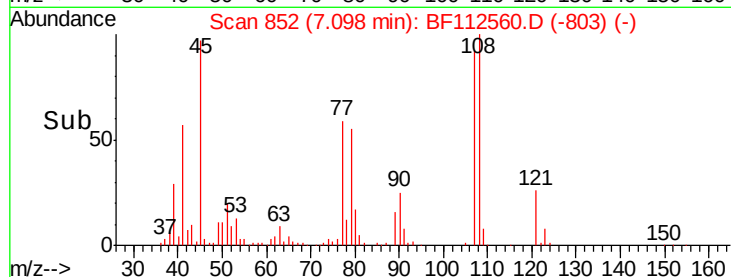
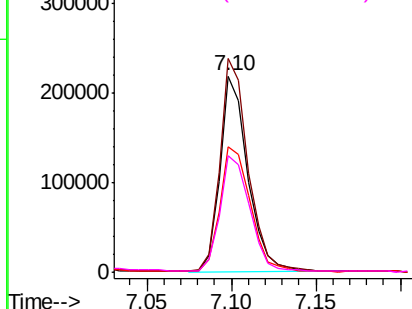
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

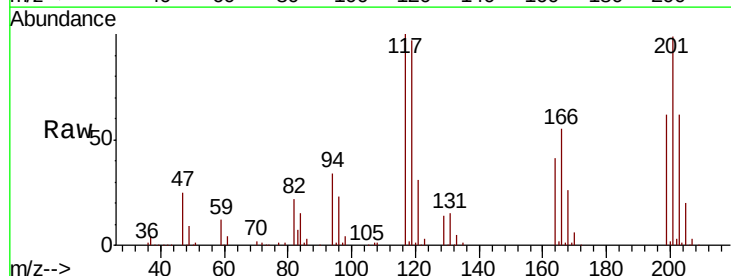
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.945 ng
RT: 7.34 min Scan# 893
Delta R.T. -0.02 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.3	77.0	115.4
201	99.1	74.1	111.1

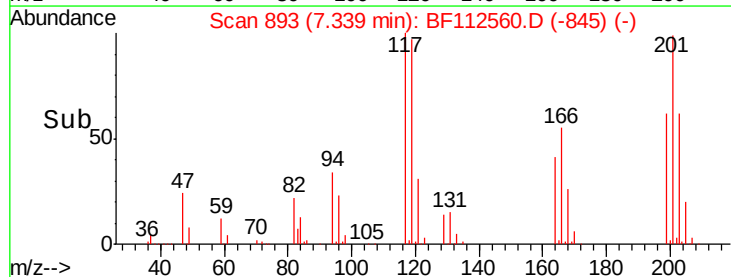
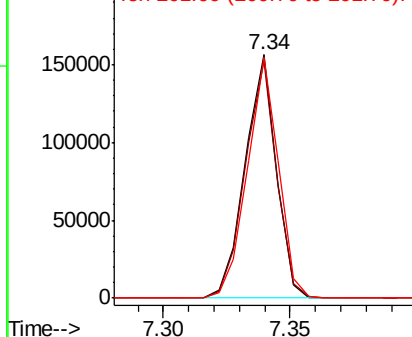


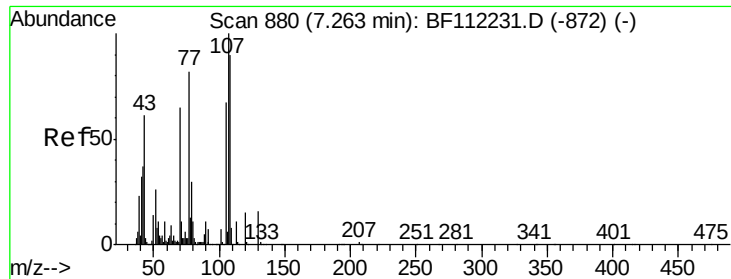
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

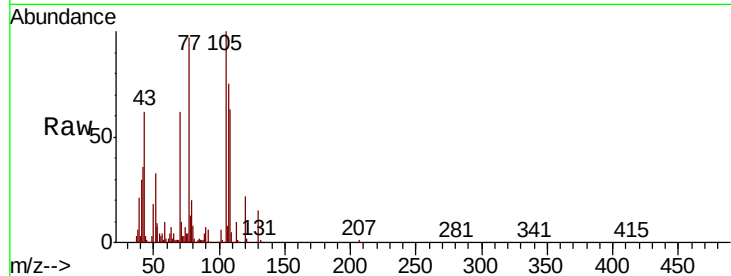




#19
n-Nitroso-di-n-propylamine
Concen: 41.091 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:	70	Resp:	232199
Ion	Ratio	Lower	Upper
70	100		
42	57.4	47.6	71.4
101	10.4	7.9	11.9
130	24.8	18.4	27.6



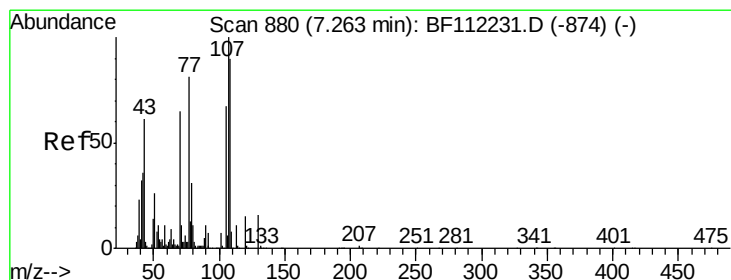
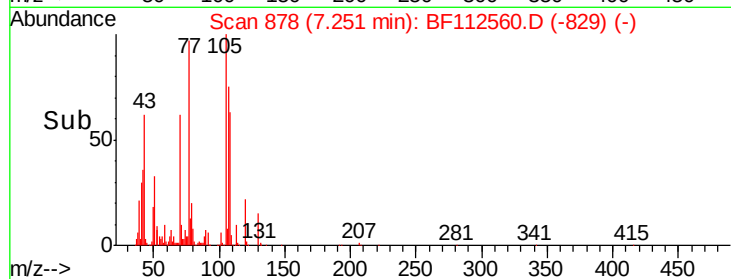
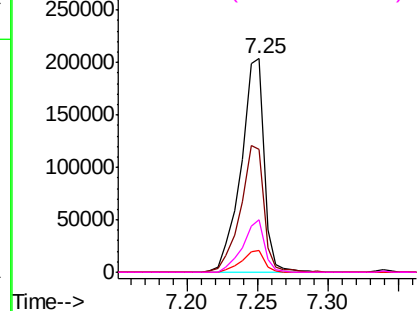
Abundance

Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

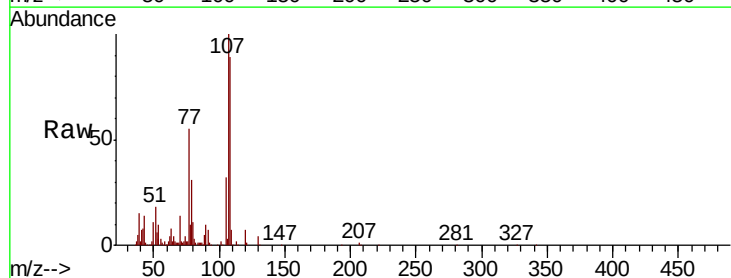
Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1



#20
3+4-Methylphenols
Concen: 42.370 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion:	107	Resp:	340766
Ion	Ratio	Lower	Upper
107	100		
108	89.5	68.2	108.2
77	54.7	100.7	140.7#
79	31.3	7.3	47.3



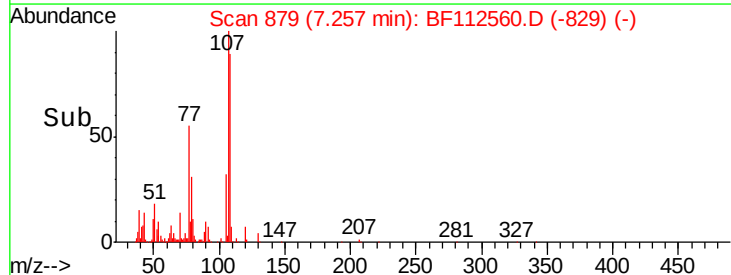
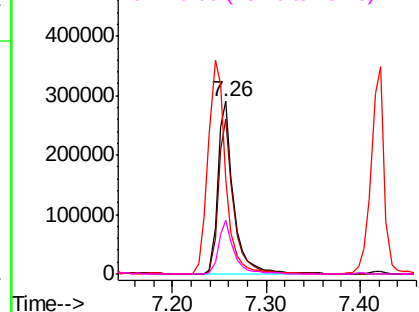
Abundance

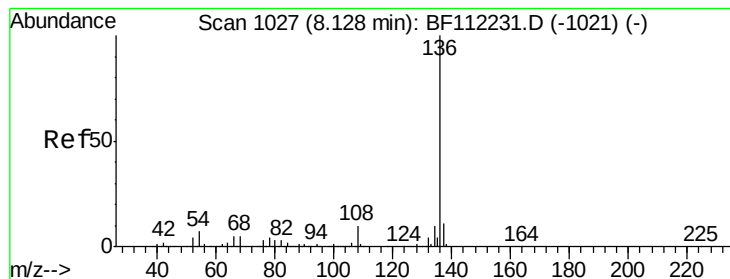
Ion 107.00 (106.70 to 107.70): BF1

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: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:136 Resp: 492214

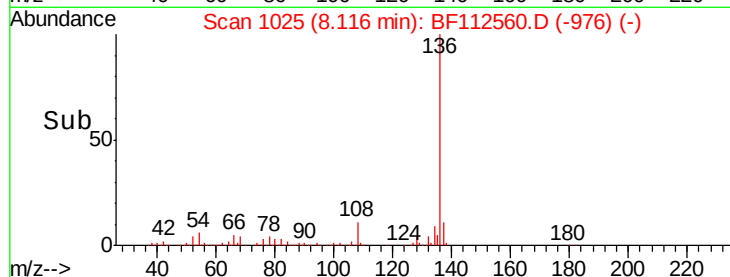
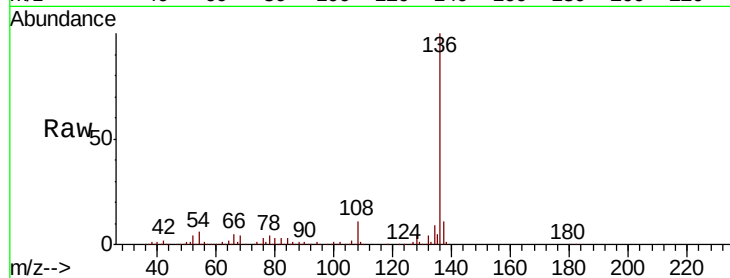
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 6.0 5.9 8.9

68 4.3 5.1 7.7#

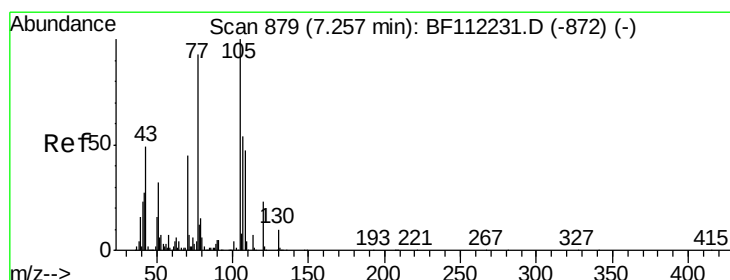
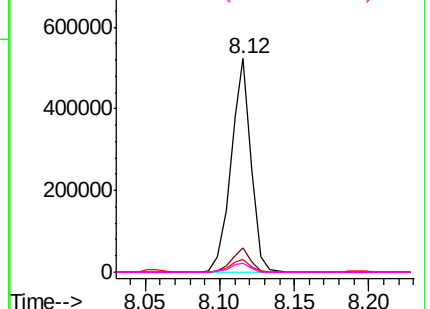


Abundance Ion 136.00 (135.70 to 136.70): E

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: 39.849 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Tgt Ion:105 Resp: 477610

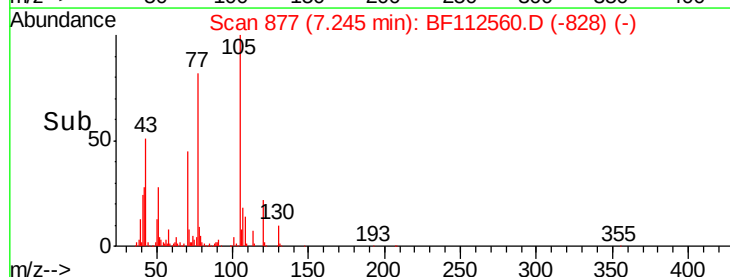
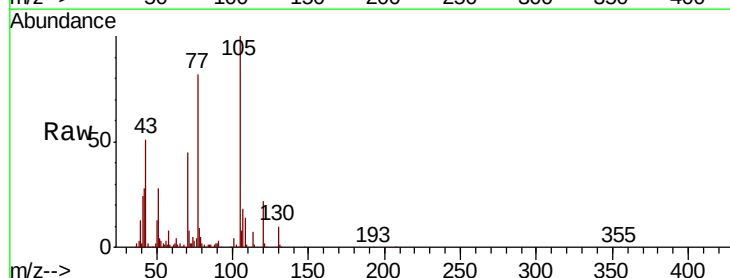
Ion Ratio Lower Upper

105 100

71 7.8 4.6 6.8#

51 28.2 25.0 37.6

120 22.1 19.0 28.4

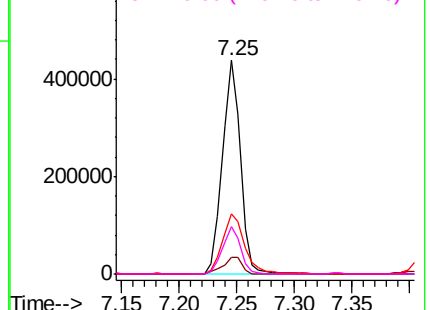


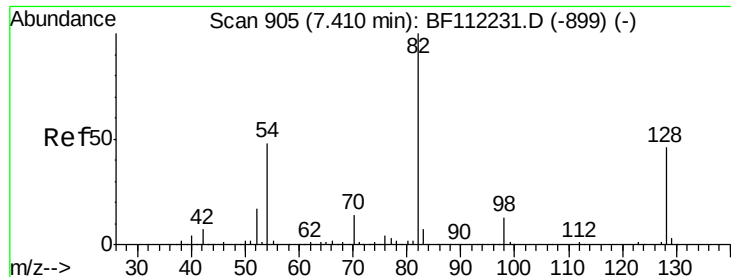
Abundance Ion 105.00 (104.70 to 105.70): E

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

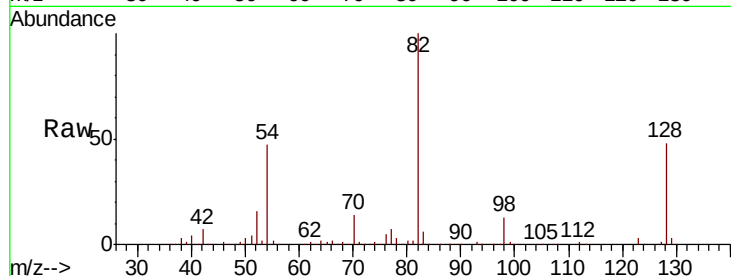




#23
Nitrobenzene-d5
Concen: 79.835 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	82	Resp	681985
Ion Ratio	100	Lower	Upper
128	47.7	37.8	56.8
54	46.8	39.7	59.5

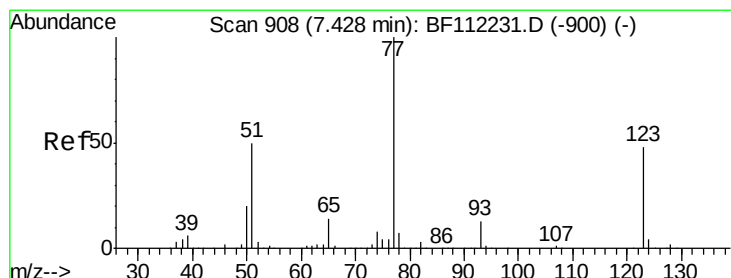
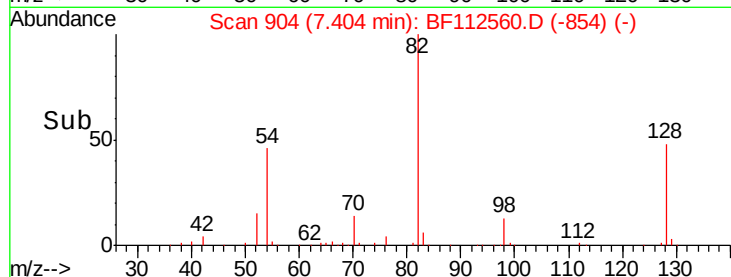
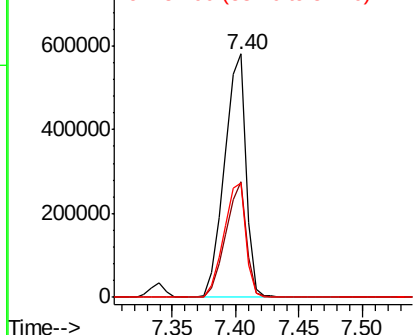


Abundance

Ion 82.00 (81.70 to 82.70): BF1

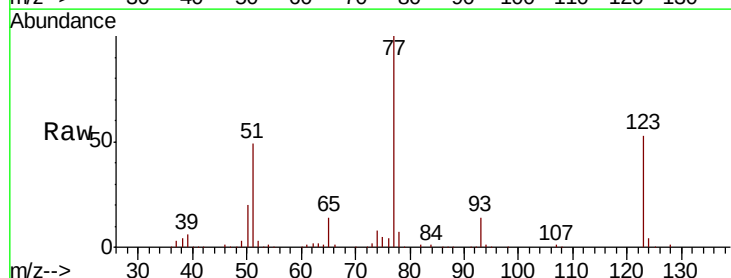
Ion 128.00 (127.70 to 128.70): BF1

Ion 54.00 (53.70 to 54.70): BF1



#24
Nitrobenzene
Concen: 39.412 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	77	Resp	336237
Ion Ratio	100	Lower	Upper
123	52.9	38.4	57.6
65	14.1	10.6	15.8

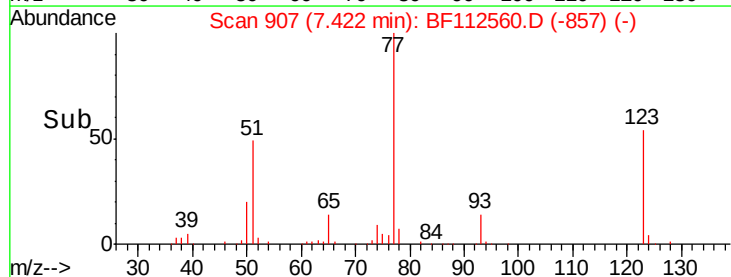
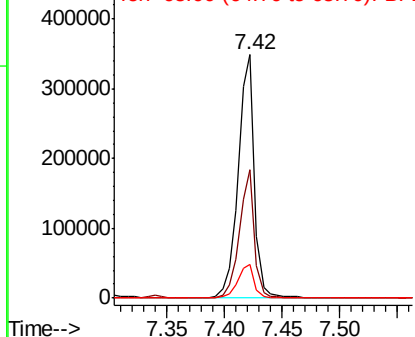


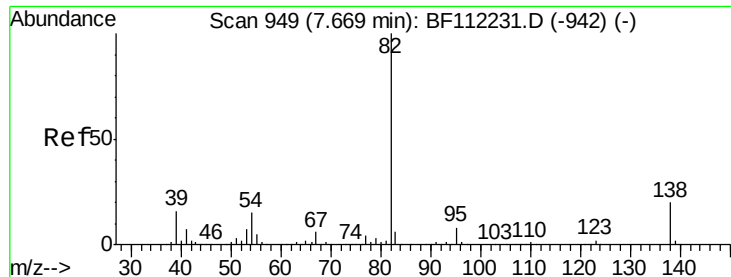
Abundance

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

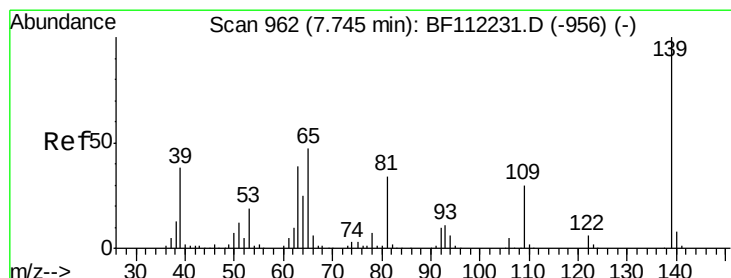
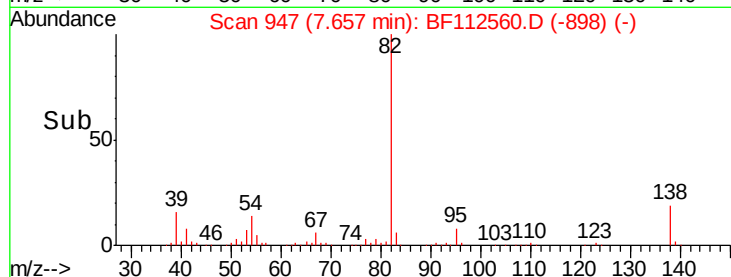
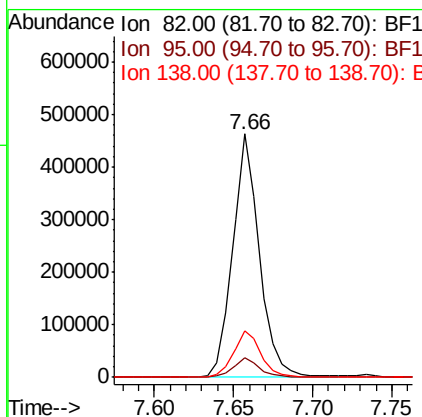
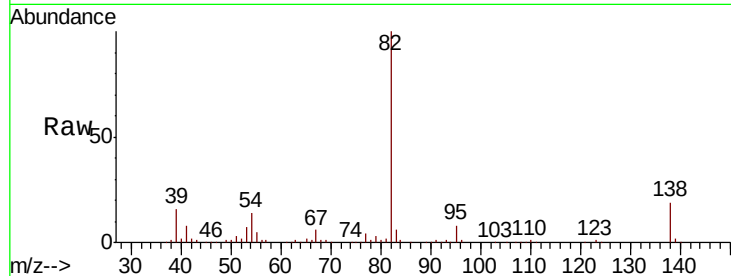




#25
Isophorone
Concen: 40.218 ng
RT: 7.66 min Scan# 947
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

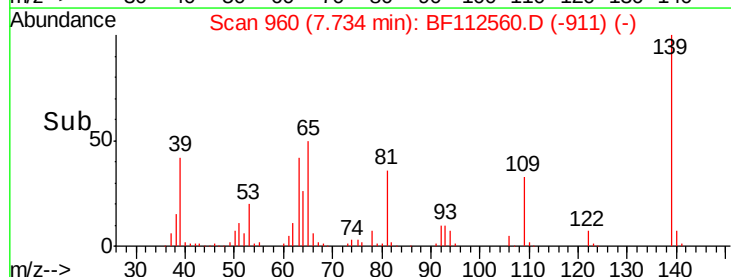
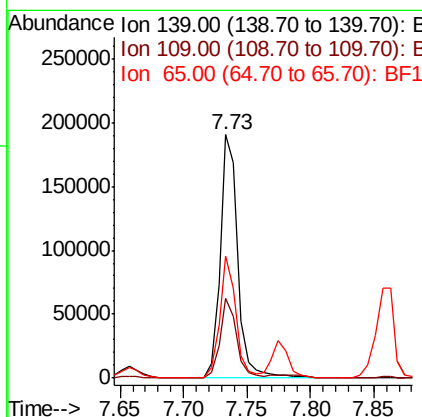
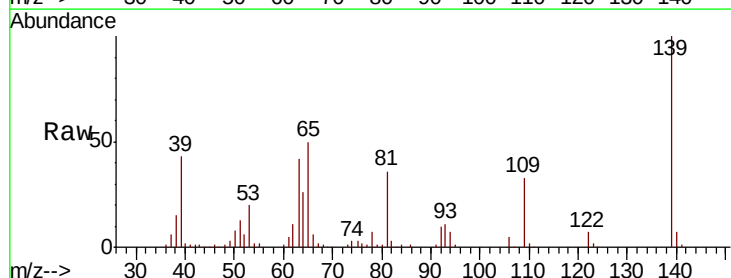
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

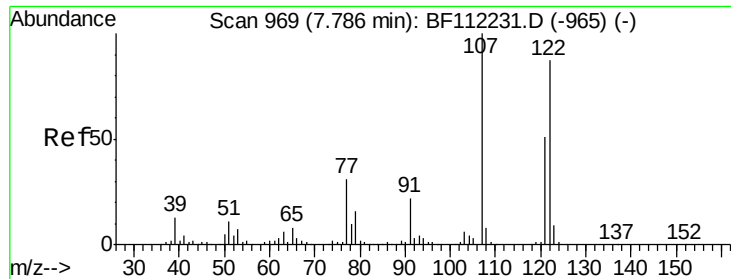
Tot Ion: 82 Resp: 538974
Ion Ratio Lower Upper
82 100
95 7.9 5.7 8.5
138 19.3 15.4 23.0



#26
2-Nitrophenol
Concen: 40.777 ng
RT: 7.73 min Scan# 960
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion: 139 Resp: 185915
Ion Ratio Lower Upper
139 100
109 32.6 20.8 31.2#
65 50.3 34.4 51.6





#27

2,4-Dimethylphenol

Concen: 39.686 ng

RT: 7.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

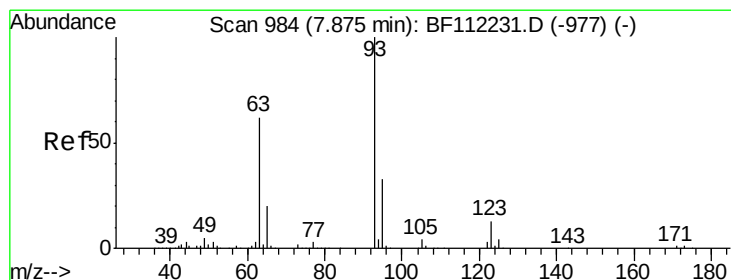
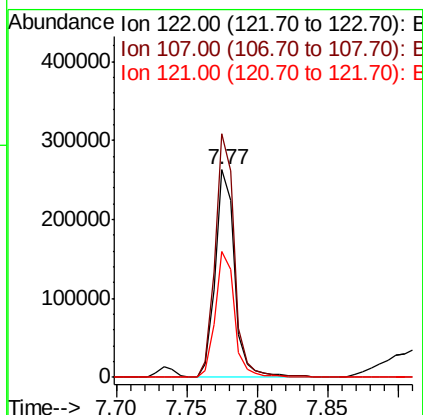
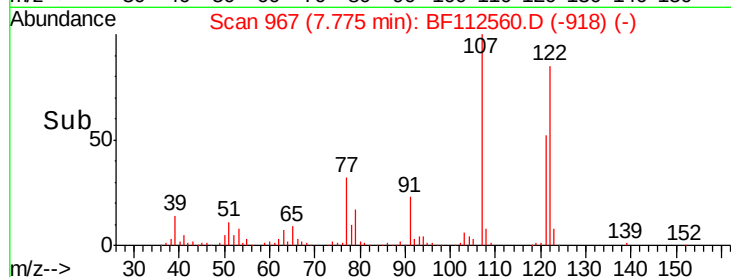
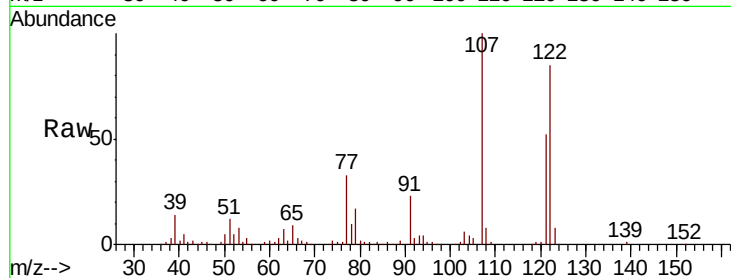
Tot Ion:122 Resp: 249293

Ion Ratio Lower Upper

122 100

107 117.4 85.4 128.0

121 60.7 47.0 70.4



#28

bis(2-Chloroethoxy)methane

Concen: 39.564 ng

RT: 7.86 min Scan# 982

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

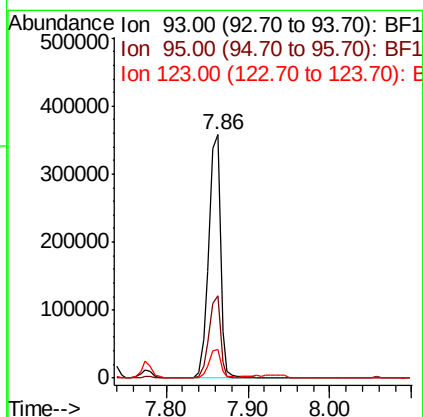
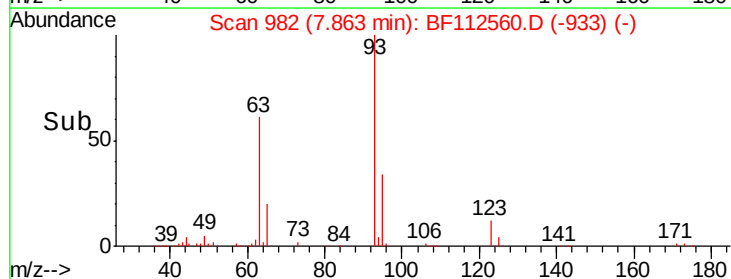
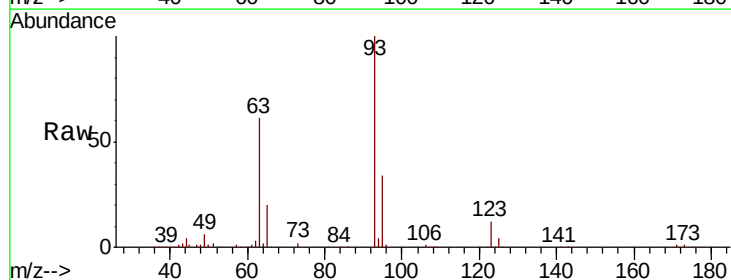
Tgt Ion: 93 Resp: 361023

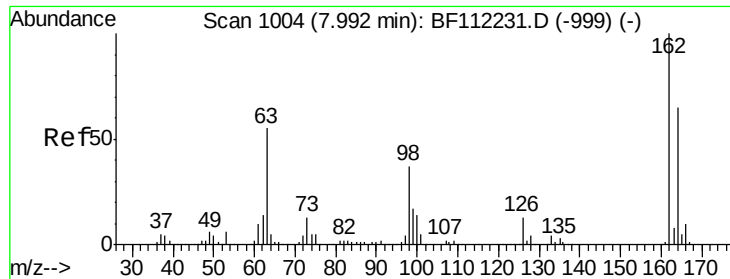
Ion Ratio Lower Upper

93 100

95 33.6 26.8 40.2

123 12.0 10.2 15.2

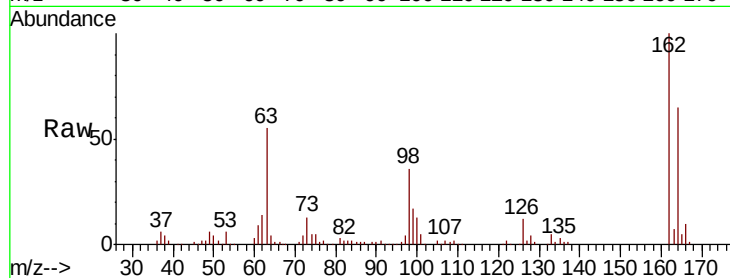




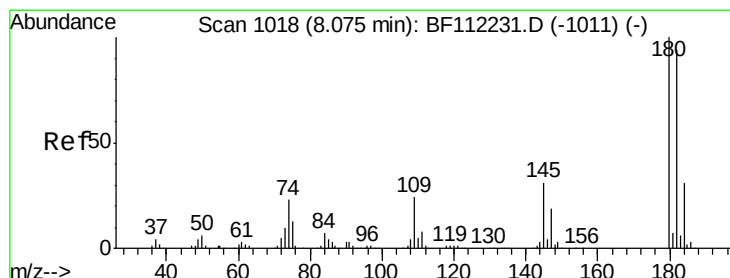
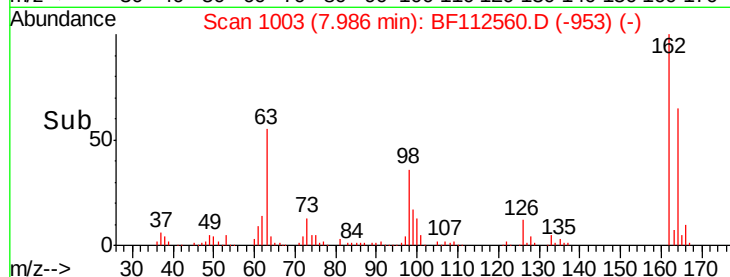
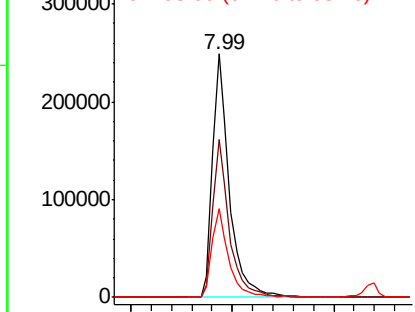
#29
 2,4-Dichlorophenol
 Concen: 40.929 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.8	44.6	84.6
98	36.5	14.6	54.6

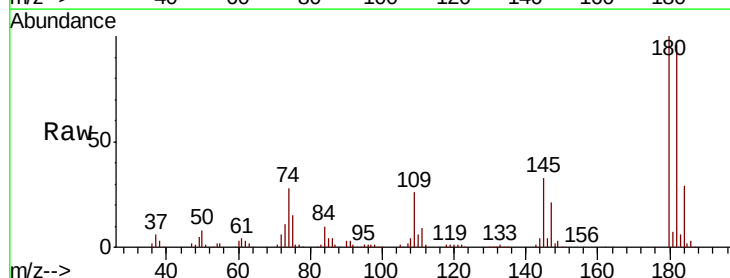


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

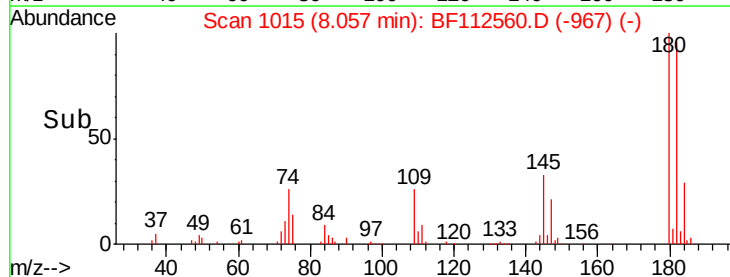
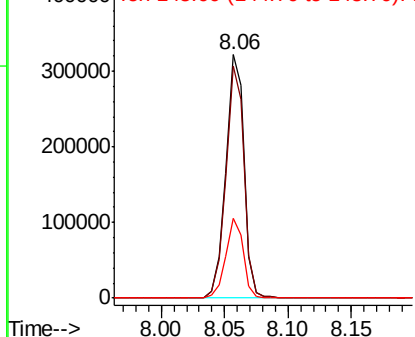


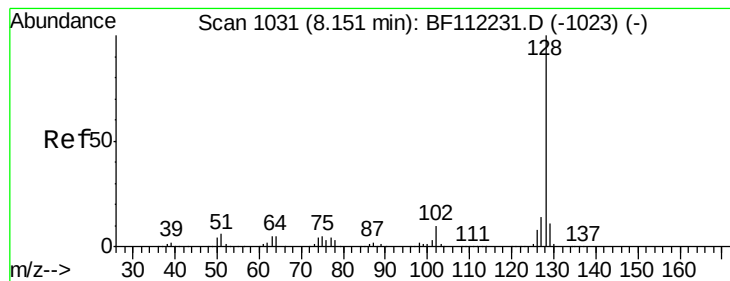
#30
 1,2,4-Trichlorobenzene
 Concen: 39.428 ng
 RT: 8.06 min Scan# 1015
 Delta R.T. -0.02 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.6	76.4	114.6
145	32.6	25.0	37.4



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: 39.780 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

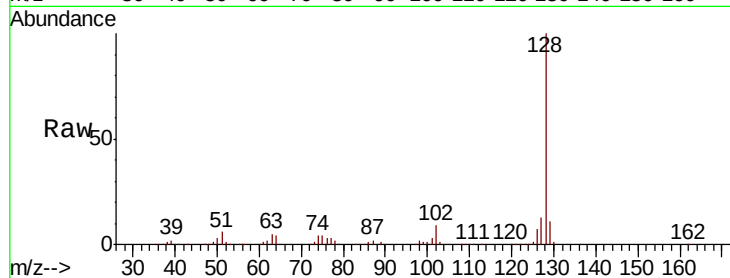
Tot Ion:128 Resp: 915651

Ion Ratio Lower Upper

128 100

129 11.1 9.6 14.4

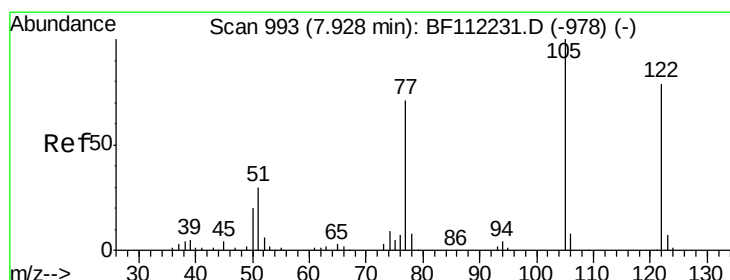
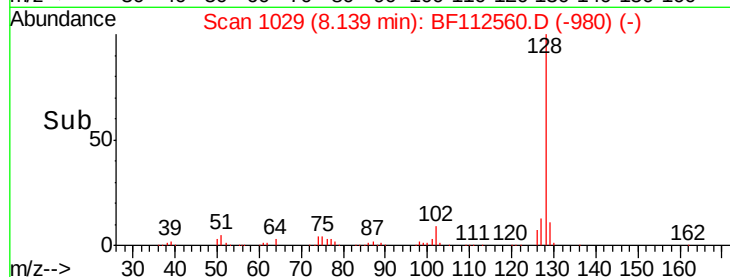
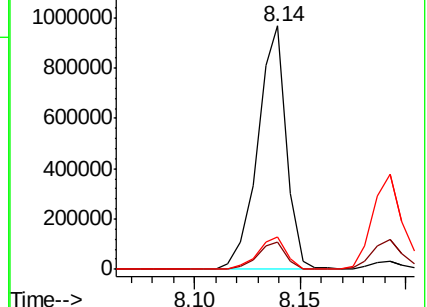
127 13.4 11.1 16.7



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#32

Benzoic acid

Concen: 49.444 ng

RT: 7.94 min Scan# 995

Delta R.T. 0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

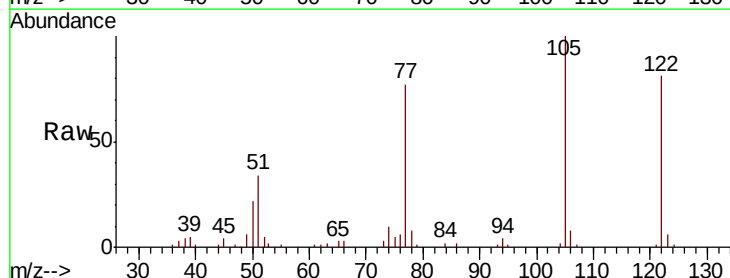
Tgt Ion:122 Resp: 177168

Ion Ratio Lower Upper

122 100

105 123.6 101.2 141.2

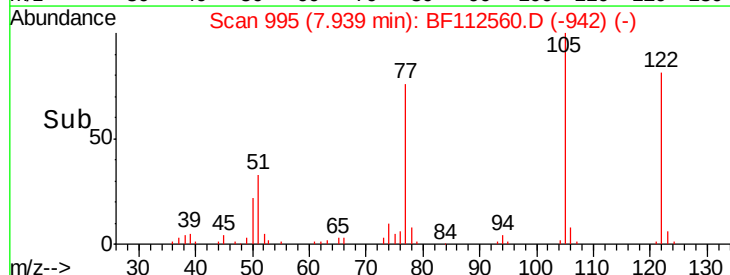
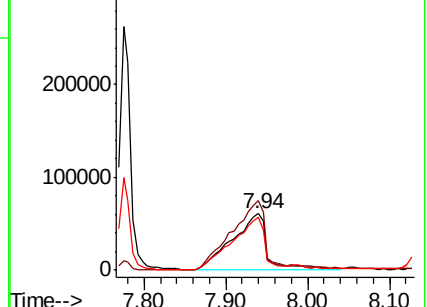
77 94.8 70.4 110.4

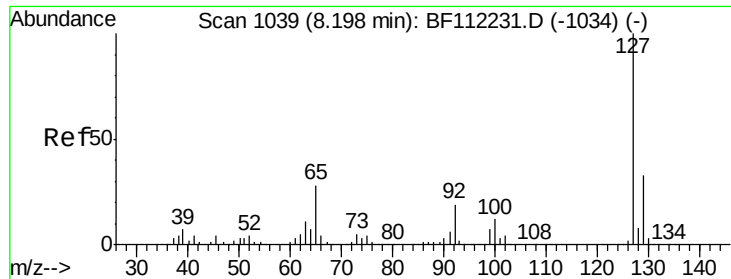


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

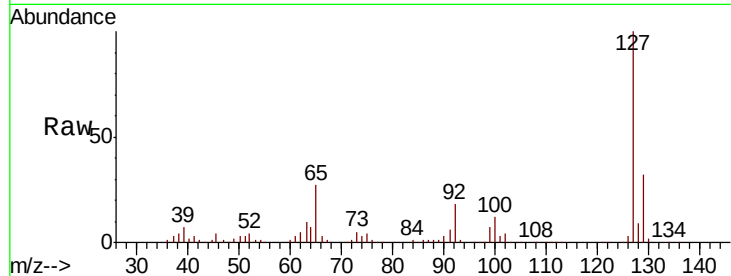




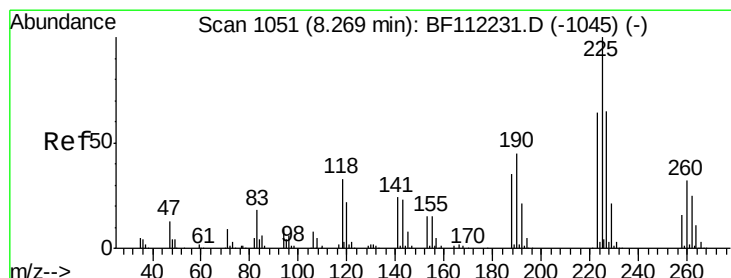
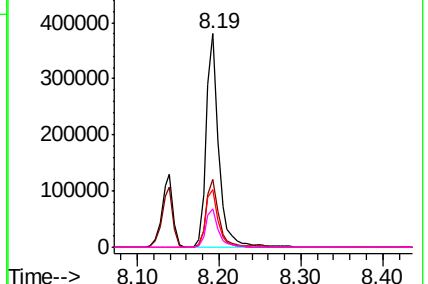
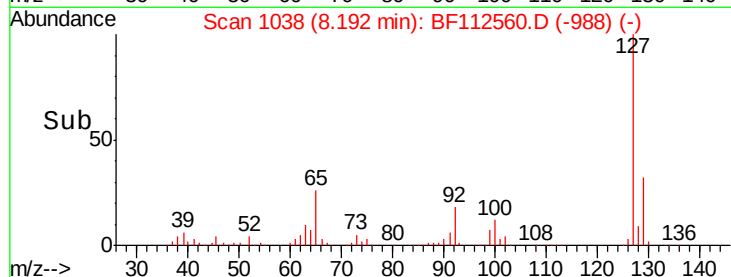
#33
4-Chloroaniline
Concen: 40.031 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp:	401213
Ion Ratio	Lower	Upper
127	100	
129	31.6	26.6 39.8
65	26.8	21.4 32.2
92	17.9	14.2 21.2

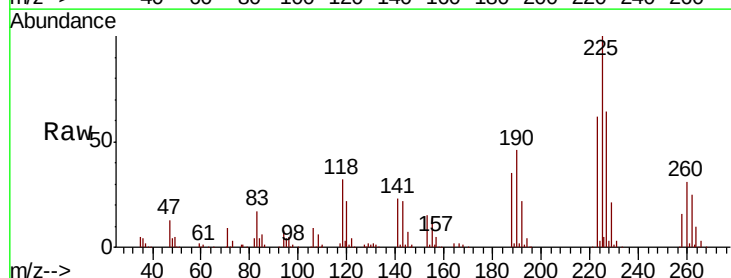


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

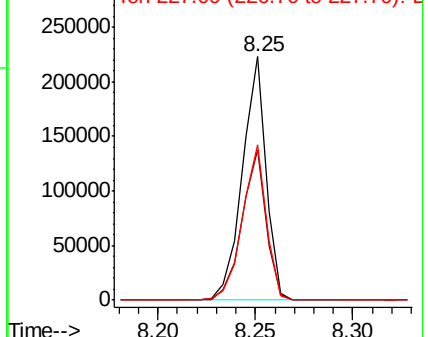
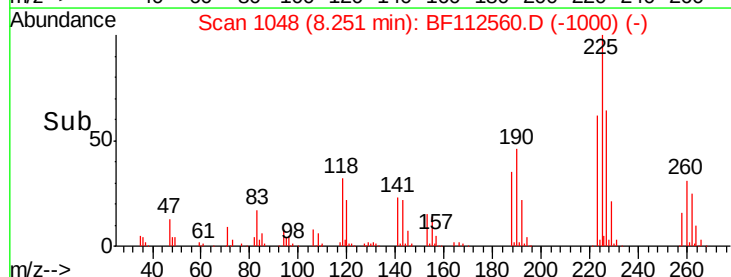


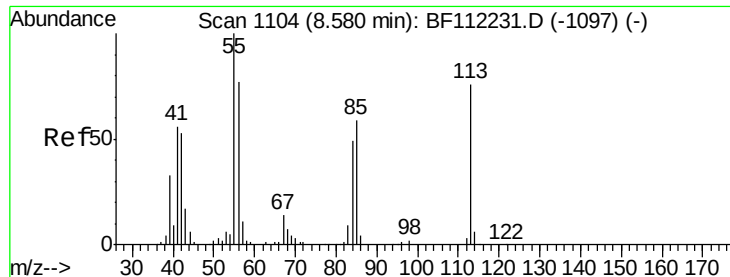
#34
Hexachlorobutadiene
Concen: 39.774 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion:225	Resp:	188597
Ion Ratio	Lower	Upper
225	100	
223	61.8	50.3 75.5
227	64.0	51.8 77.8



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

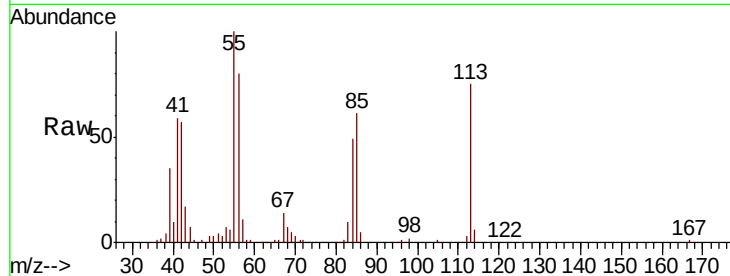




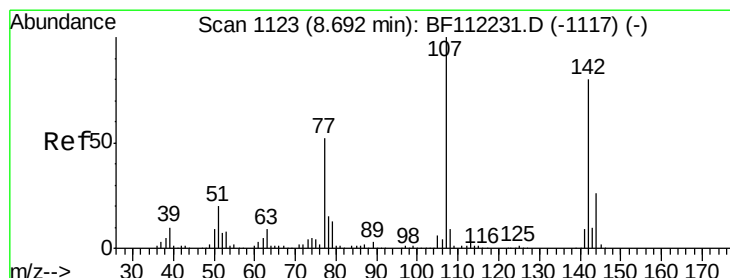
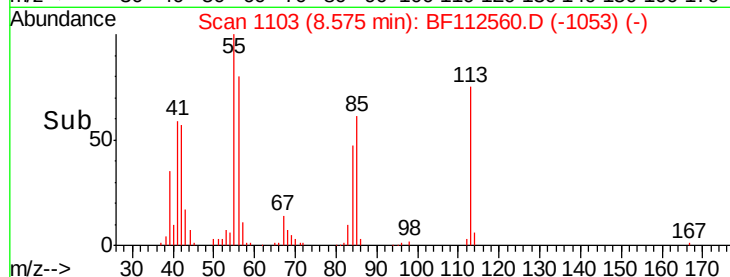
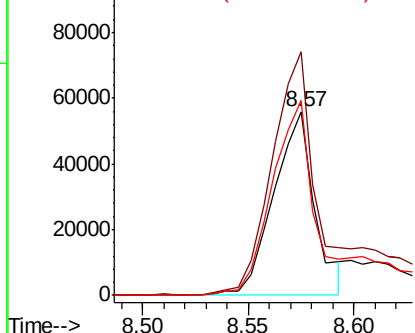
#35
Caprolactam
Concen: 30.394 ng
RT: 8.57 min Scan# 1103
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:113 Resp: 75372
Ion Ratio Lower Upper
113 100
55 132.6 121.6 161.6
56 106.5 86.7 126.7

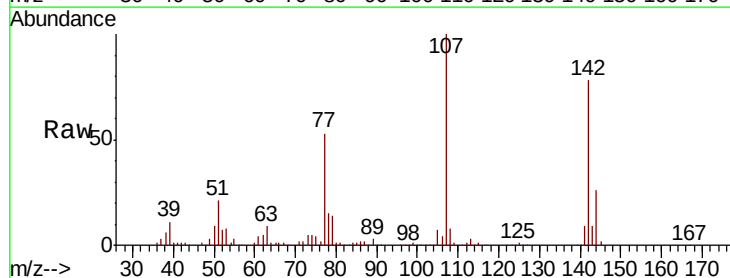


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BF1
Ion 56.00 (55.70 to 56.70): BF1

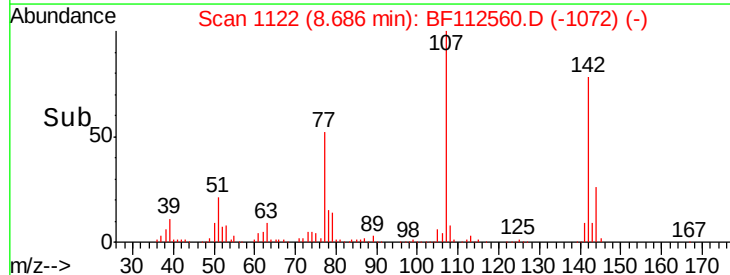
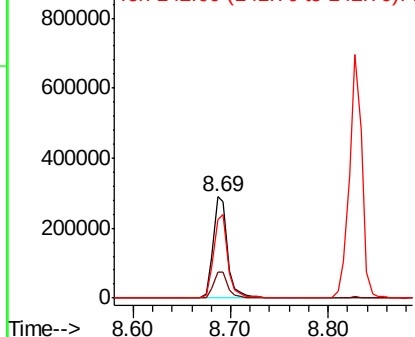


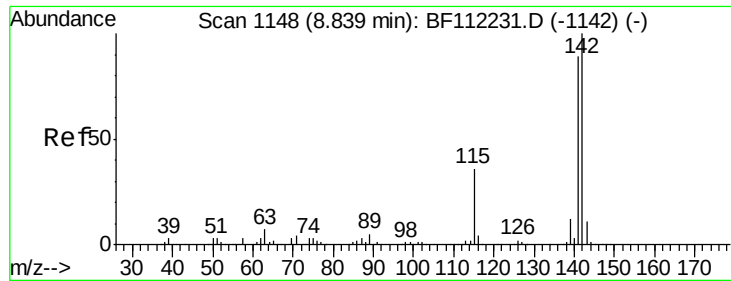
#36
4-Chloro-3-methylphenol
Concen: 39.925 ng
RT: 8.69 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion:107 Resp: 297110
Ion Ratio Lower Upper
107 100
144 26.0 22.2 33.2
142 78.1 67.7 101.5



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

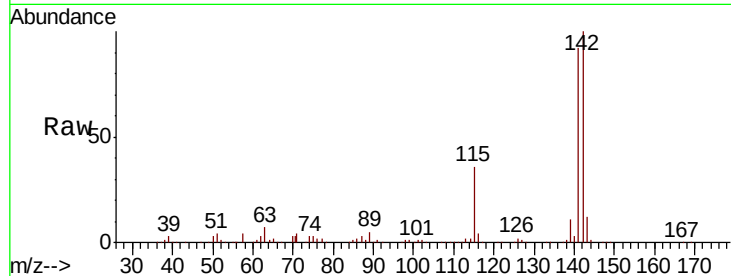




#37
2-Methylnaphthalene
Concen: 39.094 ng
RT: 8.83 min Scan# 1146
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.8	70.9	106.3
115	36.5	24.9	37.3

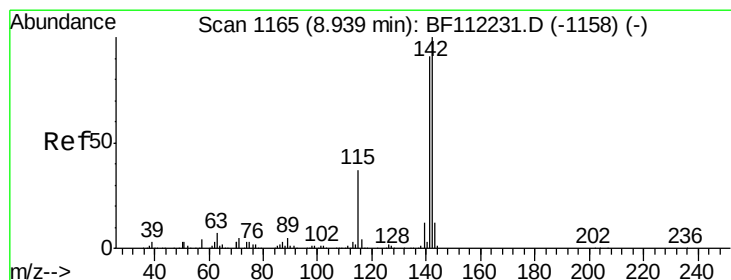
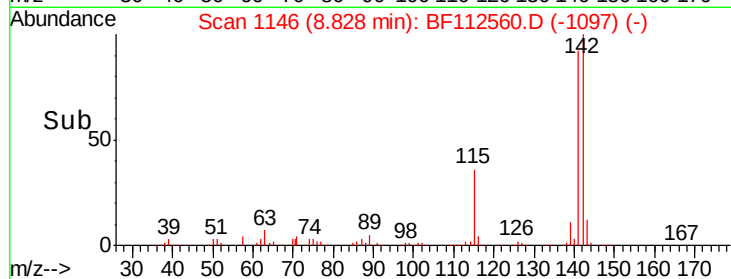
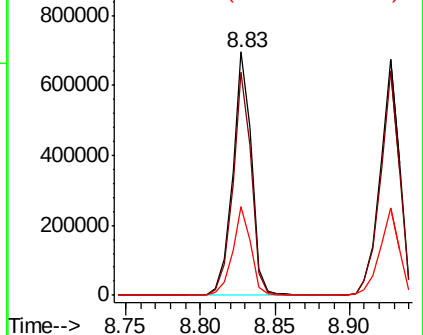


Abundance

Ion 142.00 (141.70 to 142.70): E

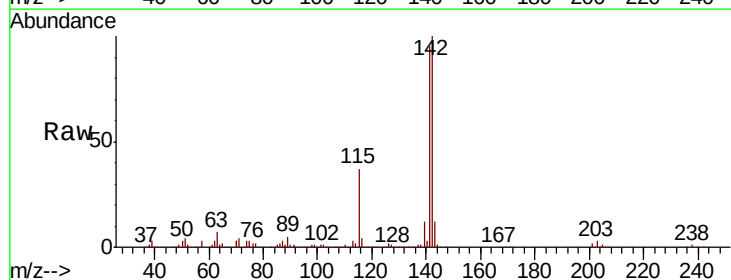
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 39.390 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.0	72.6	108.8
116	3.8	2.8	4.2

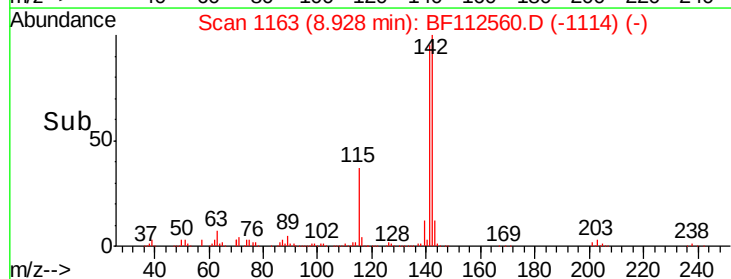
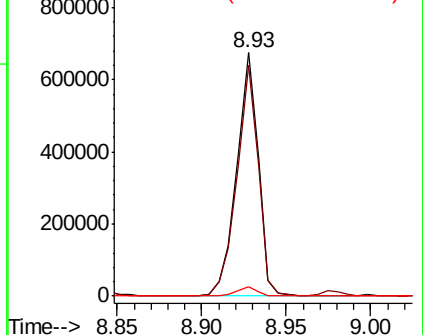


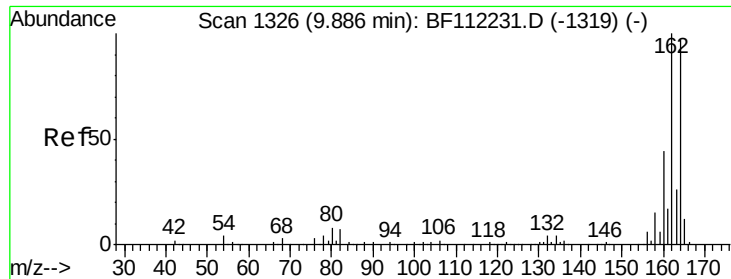
Abundance

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: 9.87 min Scan# 1323

Delta R.T. -0.02 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

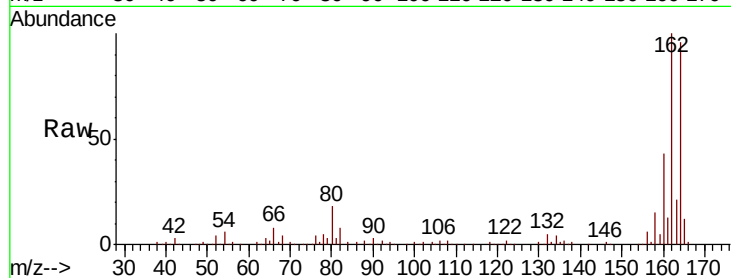
Tot Ion:164 Resp: 249251

Ion Ratio Lower Upper

164 100

162 104.3 82.2 123.4

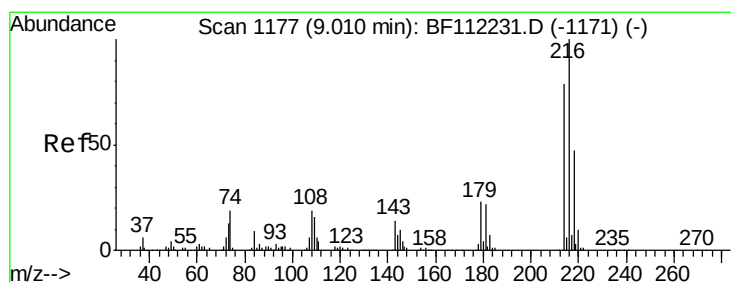
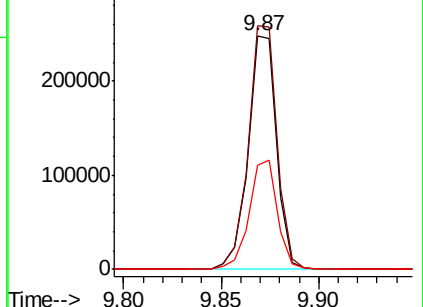
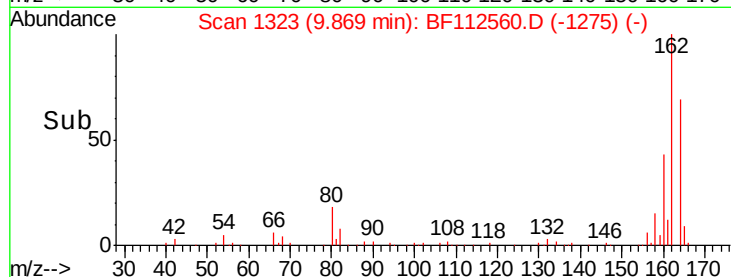
160 44.9 36.2 54.4



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: 38.427 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Tgt Ion:216 Resp: 314480

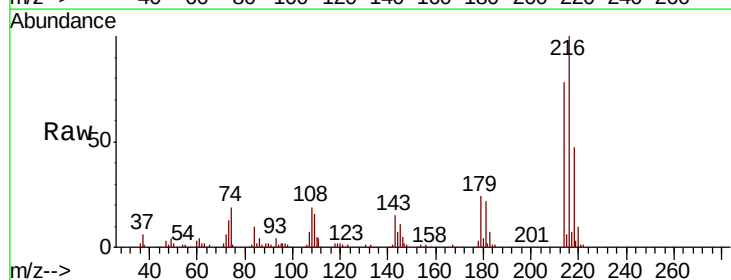
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.6

179 22.7 16.9 25.3

108 19.0 14.2 21.4

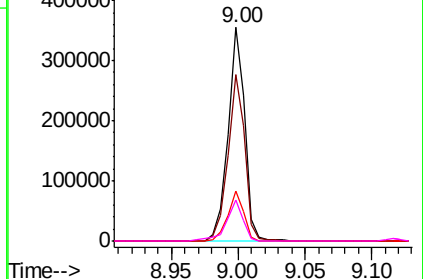
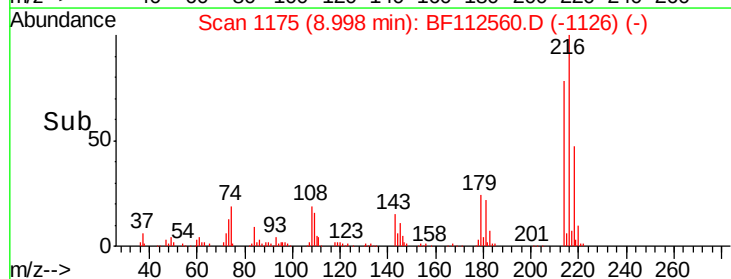


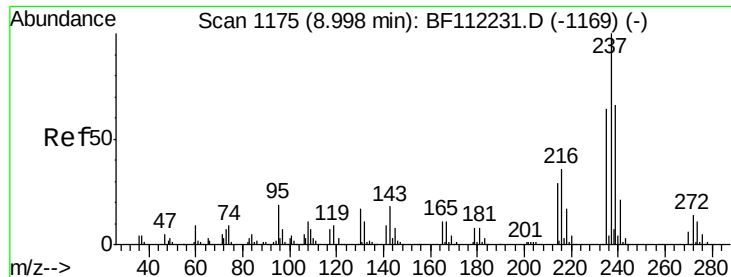
Abundance Ion 216.00 (215.70 to 216.70): E

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: 34.810 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

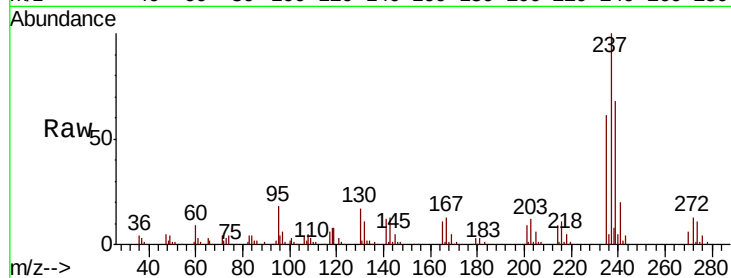
Tot Ion:237 Resp: 89071

Ion Ratio Lower Upper

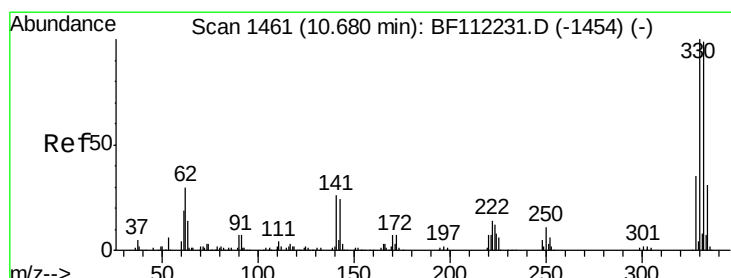
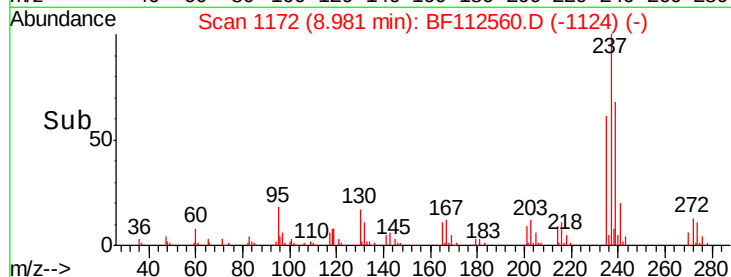
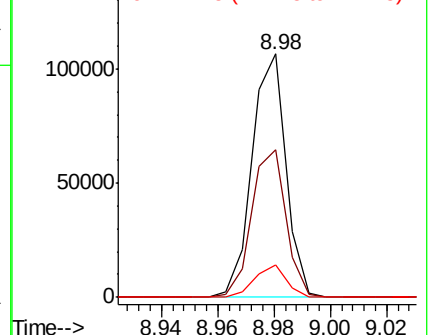
237 100

235 60.9 44.0 84.0

272 13.3 0.0 33.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 84.215 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

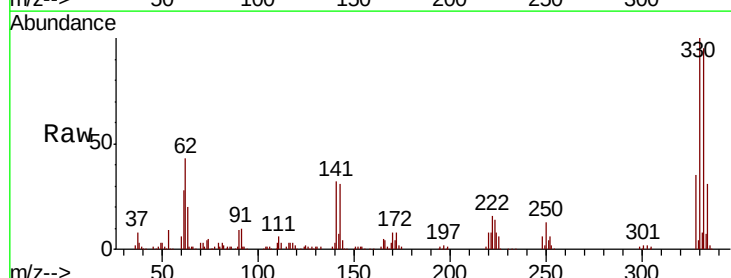
Tgt Ion:330 Resp: 244325

Ion Ratio Lower Upper

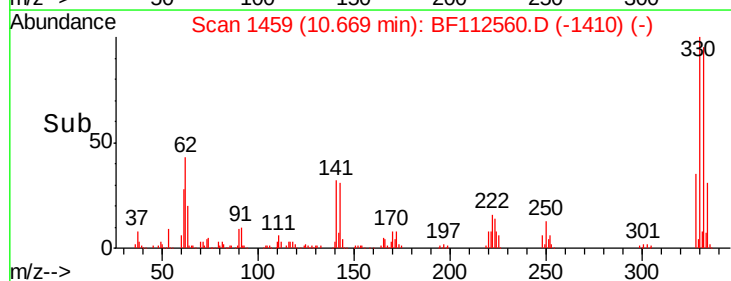
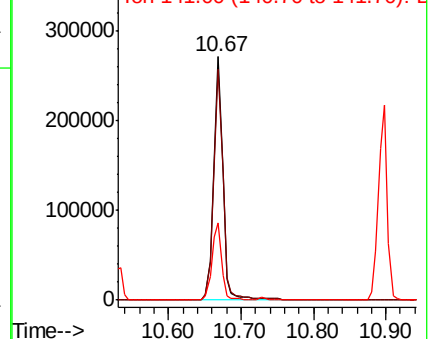
330 100

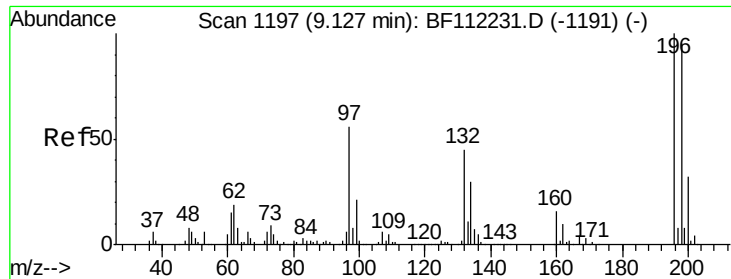
332 95.6 76.6 114.8

141 33.0 24.3 36.5



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

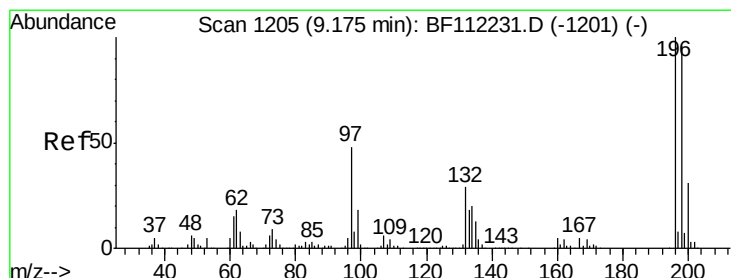
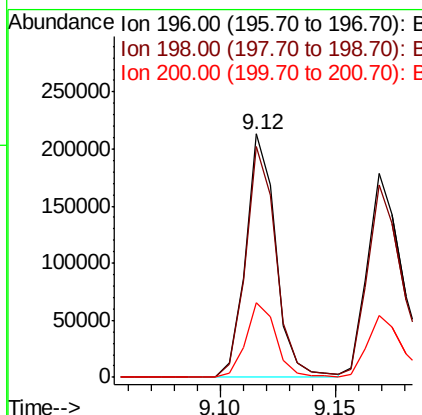
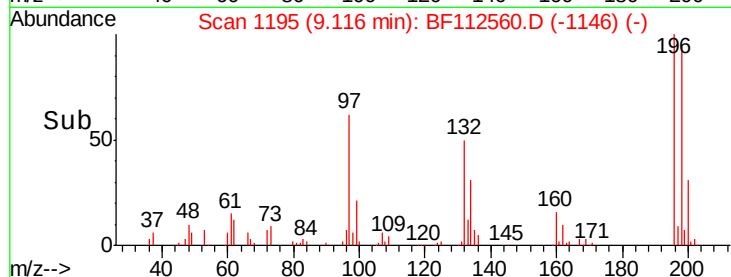
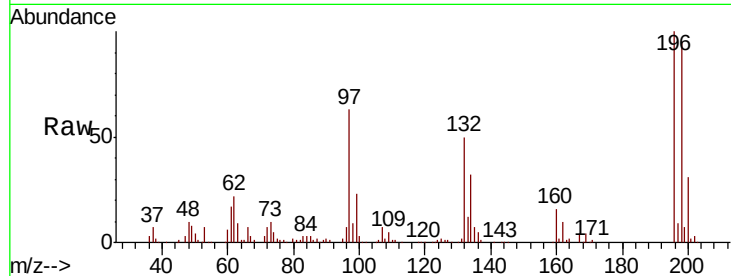




#43
 2,4,6-Trichlorophenol
 Concen: 38.708 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

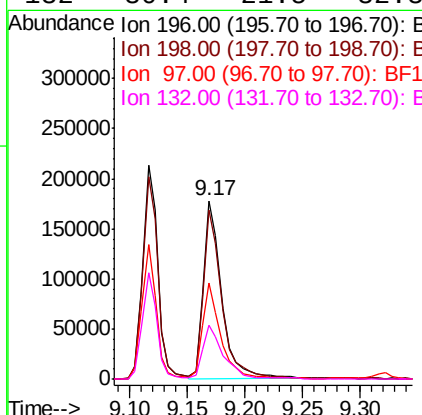
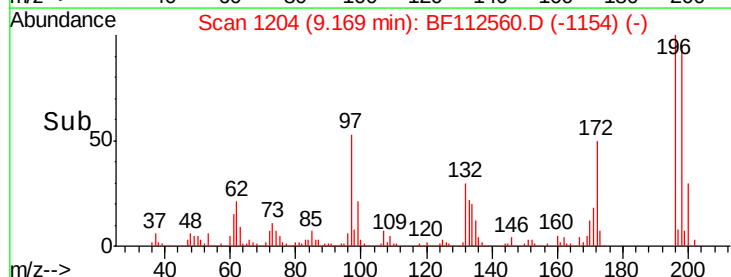
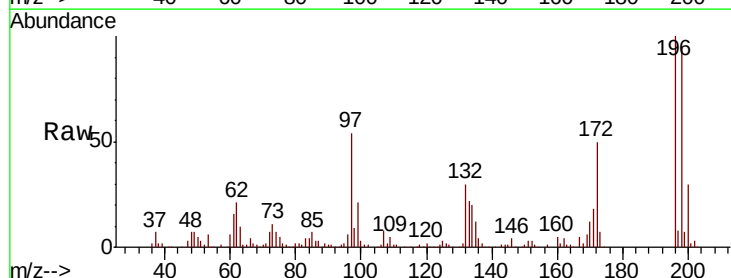
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

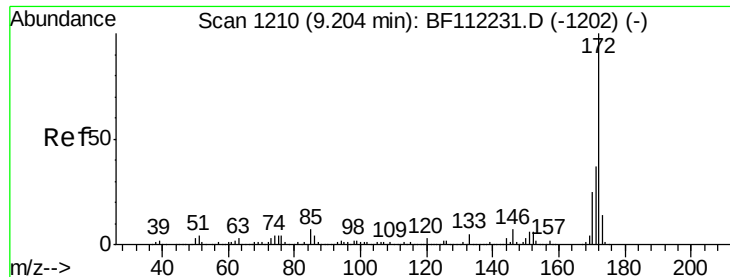
Tot Ion:196 Resp: 195268
 Ion Ratio Lower Upper
 196 100
 198 94.6 76.2 114.4
 200 30.7 24.3 36.5



#44
 2,4,5-Trichlorophenol
 Concen: 37.803 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Tgt Ion:196 Resp: 199308
 Ion Ratio Lower Upper
 196 100
 198 94.7 76.0 114.0
 97 53.5 36.4 54.6
 132 30.4 21.5 32.3

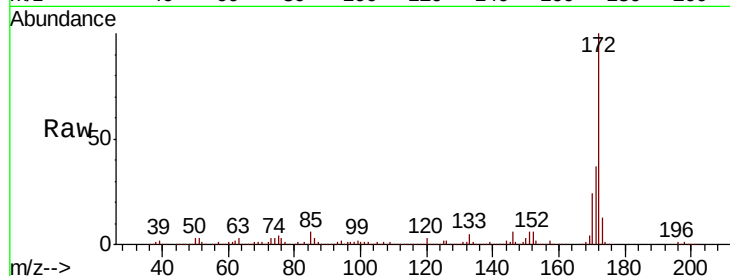




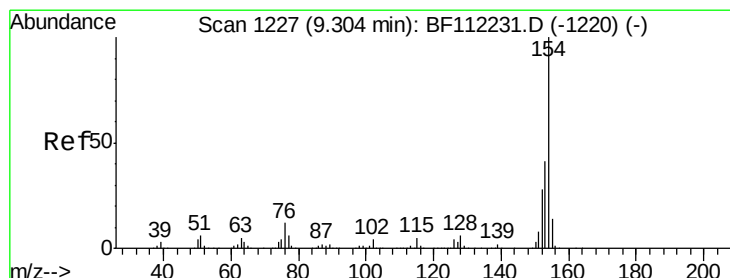
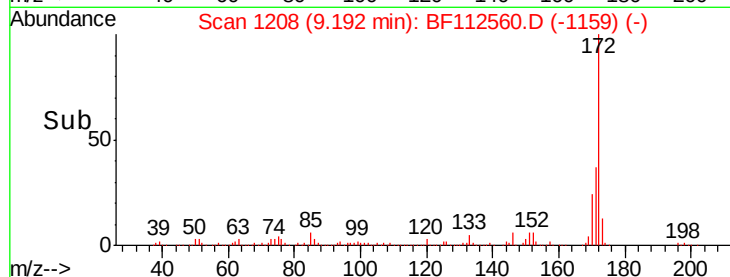
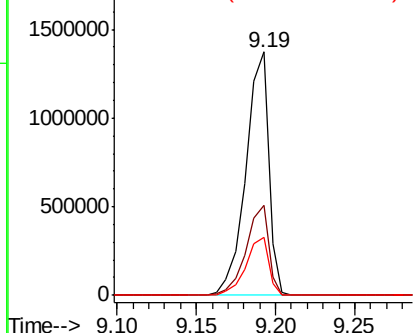
#45
2-Fluorobiphenyl
Concen: 77.790 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:172 Resp: 1370901
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 24.1 20.2 30.4

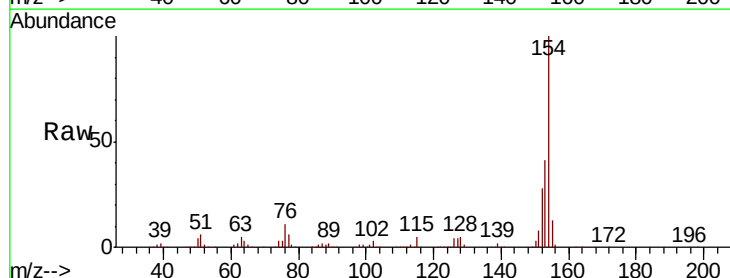


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

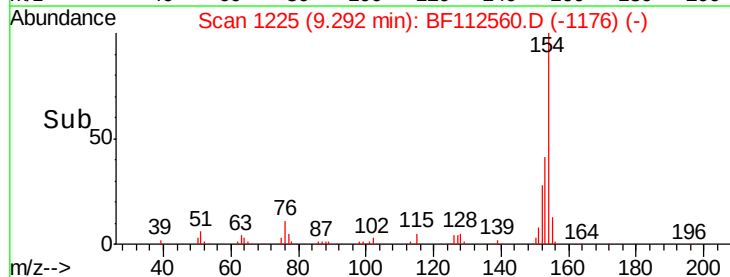
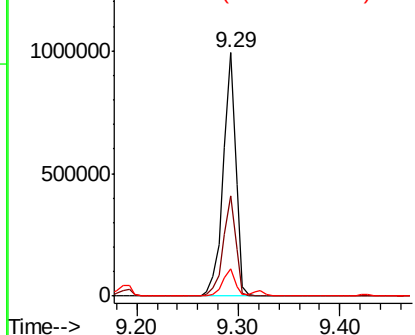


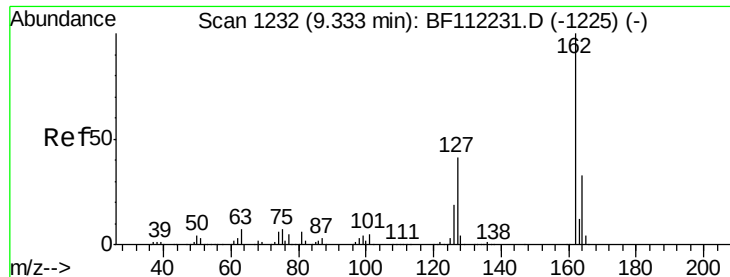
#46
1,1'-Biphenyl
Concen: 39.116 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion:154 Resp: 852362
Ion Ratio Lower Upper
154 100
153 41.4 21.5 61.5
76 11.2 0.0 33.1



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

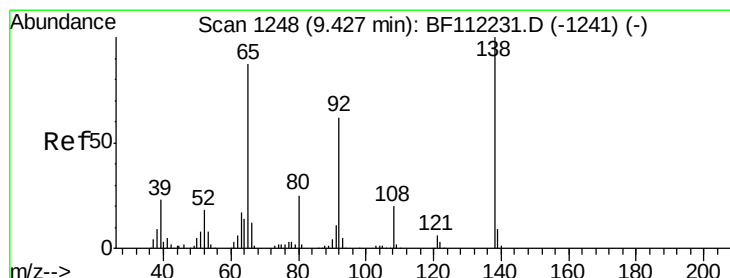
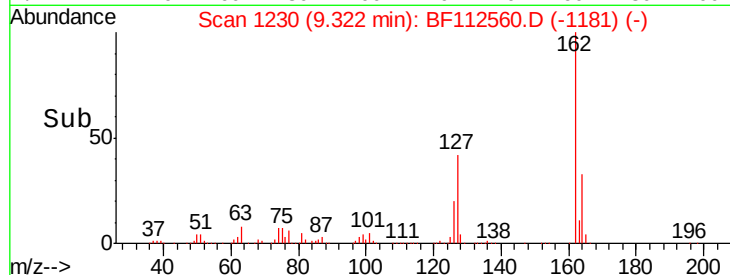
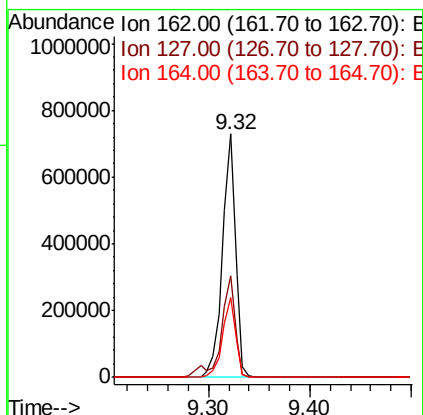
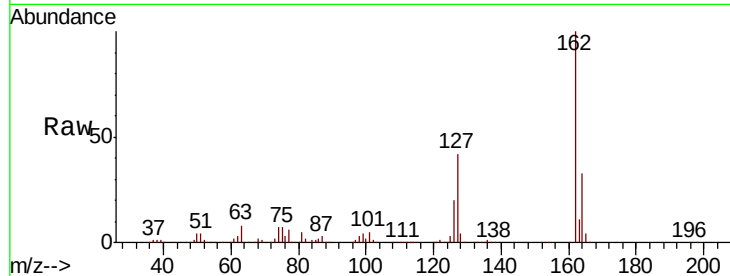




#47
 2-Chloronaphthalene
 Concen: 38.870 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

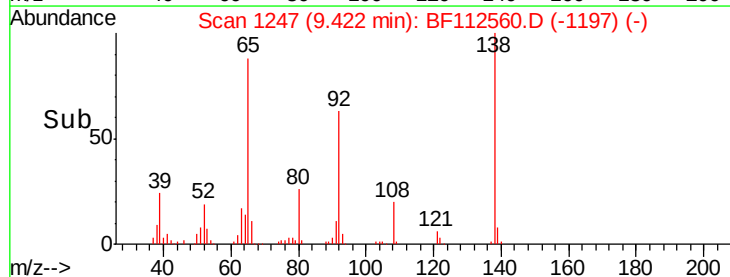
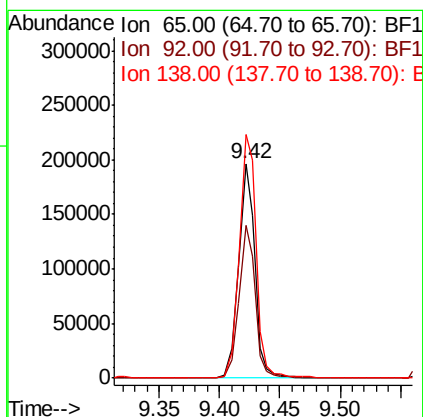
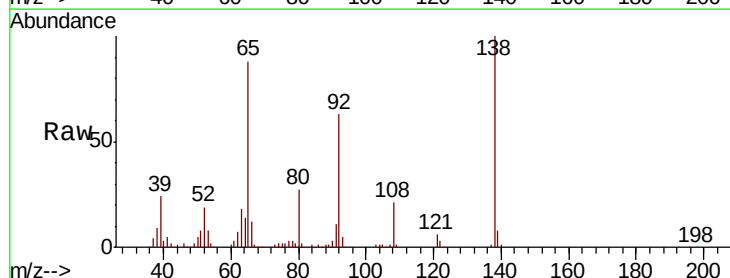
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

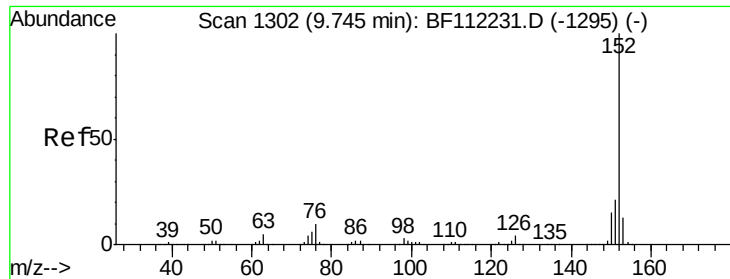
Tot Ion	Ratio	Lower	Upper
162	100		
127	41.9	30.4	45.6
164	32.9	27.4	41.2



#48
 2-Nitroaniline
 Concen: 40.563 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.0	60.4	90.6
138	113.5	104.4	156.6





#49

Acenaphthylene

Concen: 38.806 ng

RT: 9.73 min Scan# 1300

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

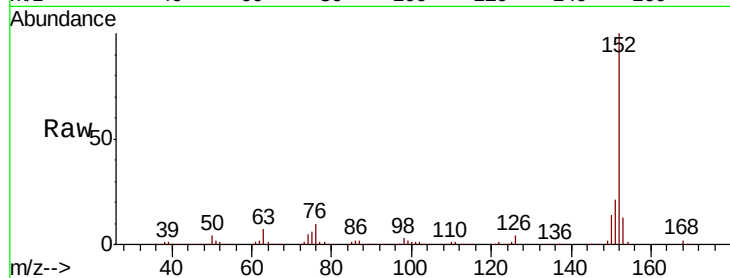
Tot Ion:152 Resp: 961125

Ion Ratio Lower Upper

152 100

151 20.5 17.0 25.6

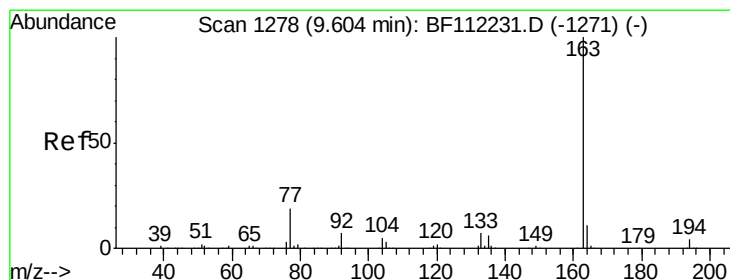
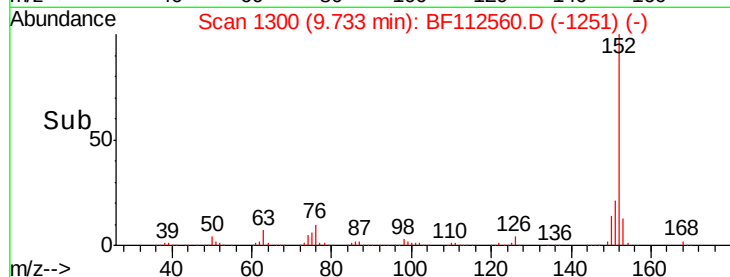
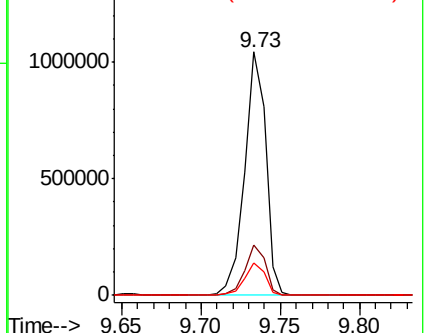
153 13.4 11.2 16.8



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: 38.683 ng

RT: 9.59 min Scan# 1276

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

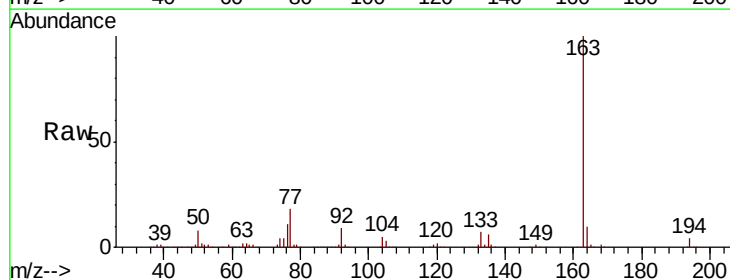
Tgt Ion:163 Resp: 749115

Ion Ratio Lower Upper

163 100

194 3.8 3.3 4.9

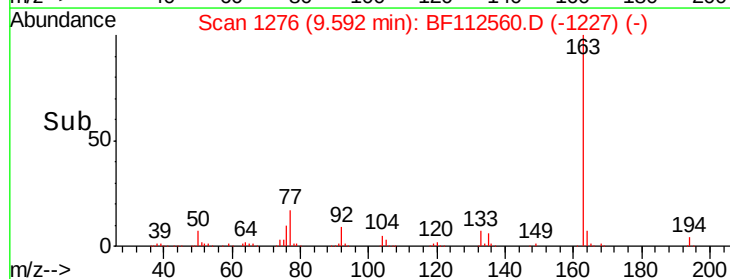
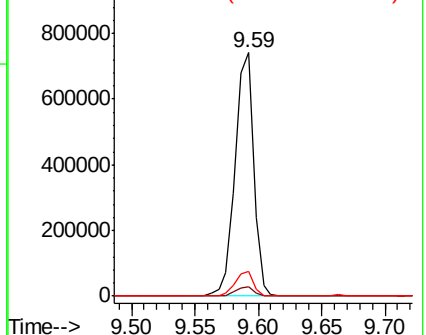
164 10.1 8.5 12.7

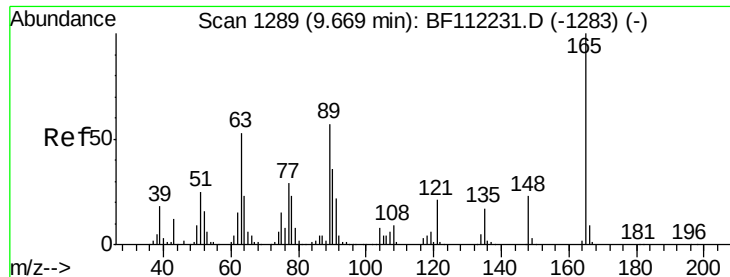


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.138 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

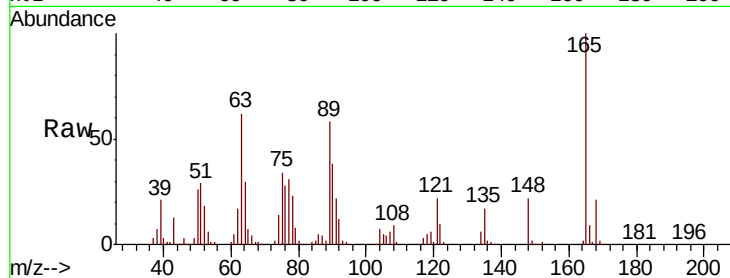
Tot Ion:165 Resp: 169745

Ion Ratio Lower Upper

165 100

63 62.0 33.8 50.8#

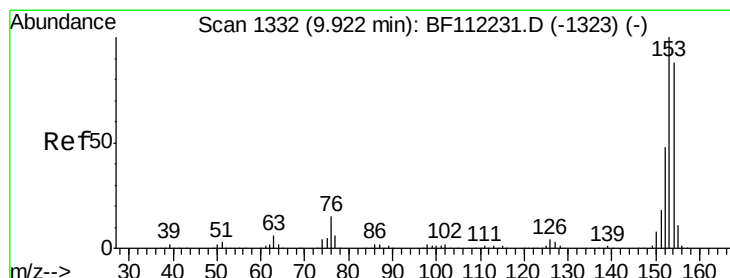
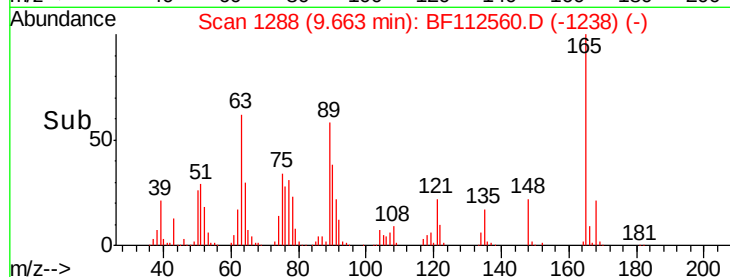
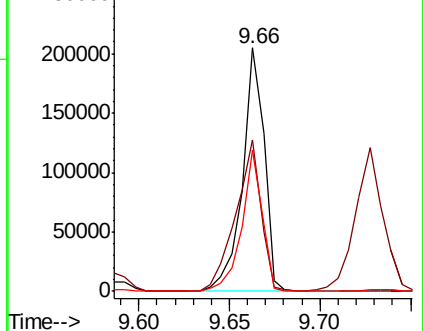
89 57.8 36.9 55.3#



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: 39.534 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

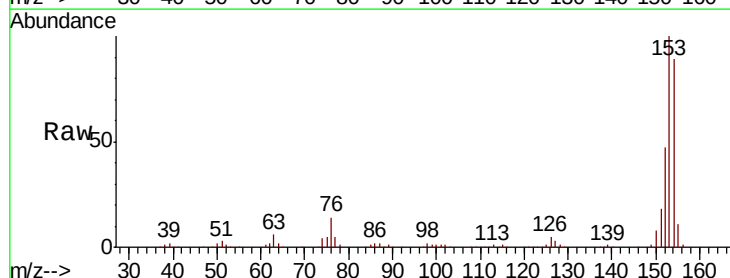
Tgt Ion:154 Resp: 584916

Ion Ratio Lower Upper

154 100

153 112.4 89.8 134.6

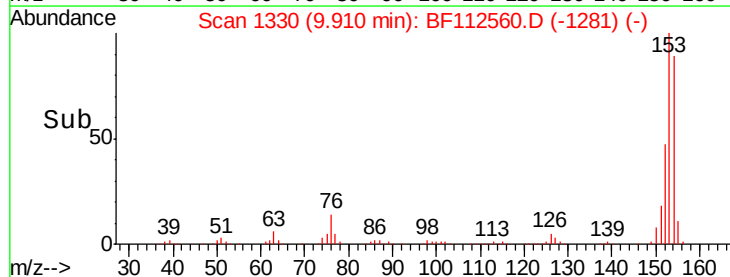
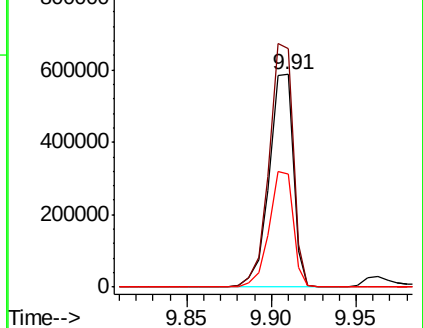
152 53.2 43.5 65.3

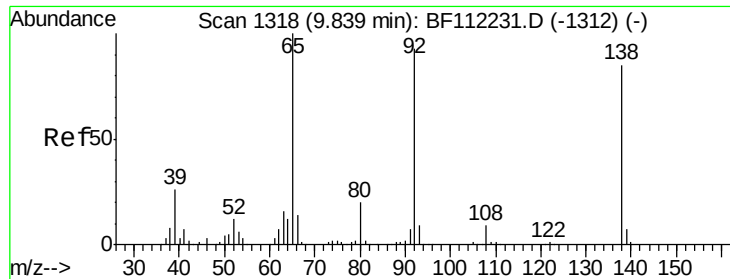


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

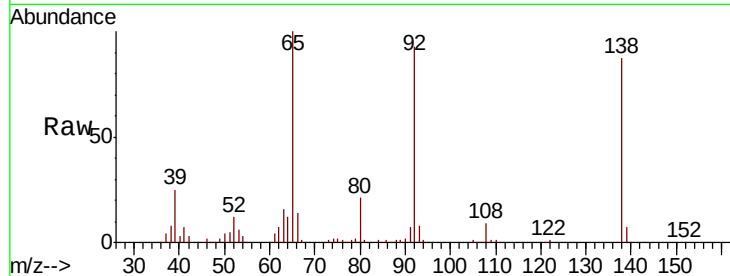




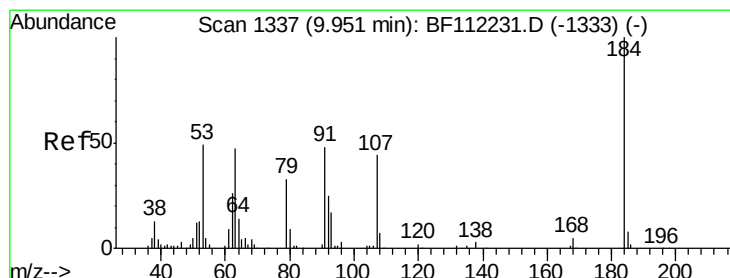
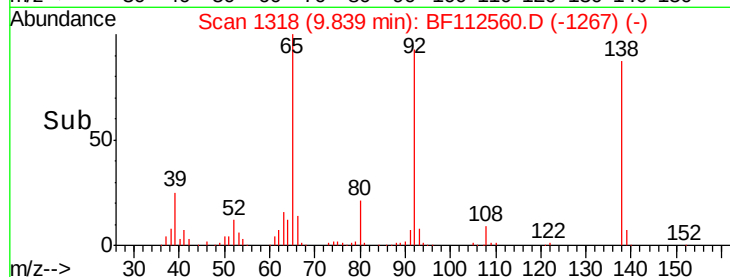
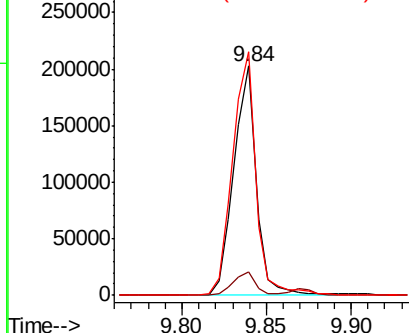
#53
 3-Nitroaniline
 Concen: 40.179 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. 0.00 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:138 Resp: 188790
 Ion Ratio Lower Upper
 138 100
 108 10.4 9.8 14.6
 92 106.3 79.4 119.2

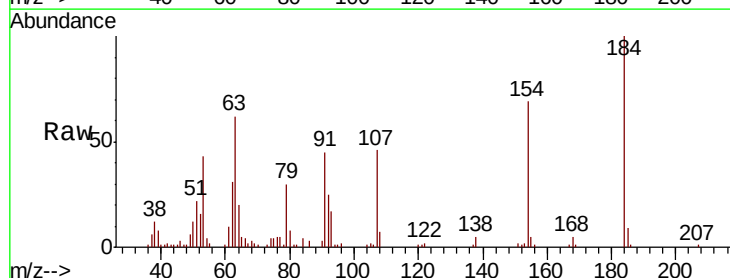


Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 108.00 (107.70 to 108.70): E
 Ion 92.00 (91.70 to 92.70): BF1

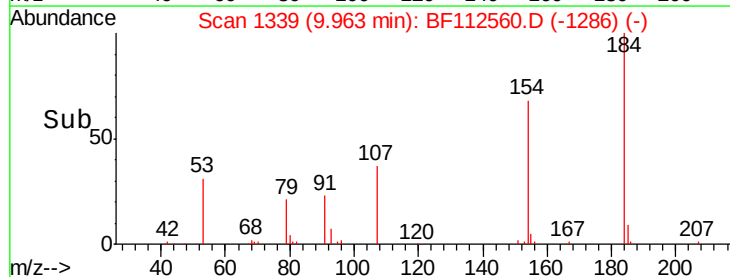
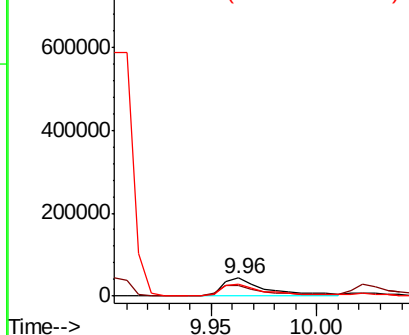


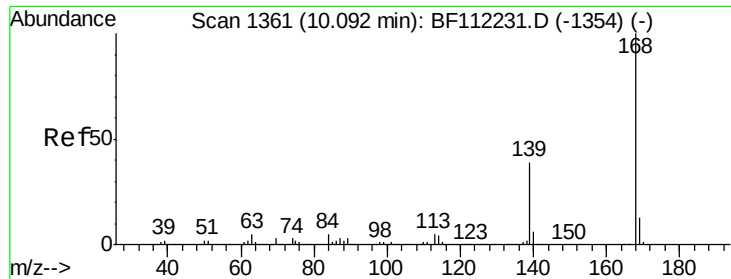
#54
 2,4-Dinitrophenol
 Concen: 45.546 ng
 RT: 9.96 min Scan# 1339
 Delta R.T. 0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Tgt Ion:184 Resp: 63396
 Ion Ratio Lower Upper
 184 100
 63 61.6 47.1 70.7
 154 69.1 48.9 73.3



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

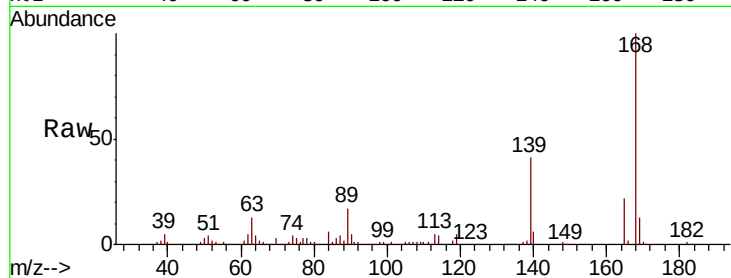




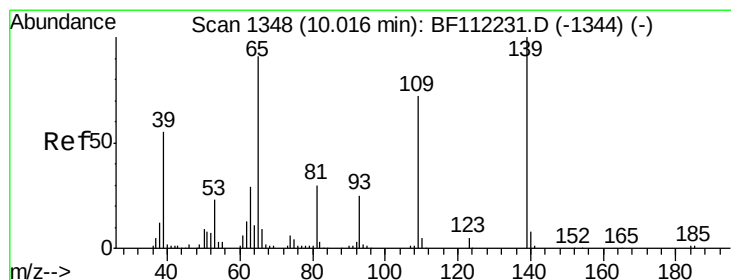
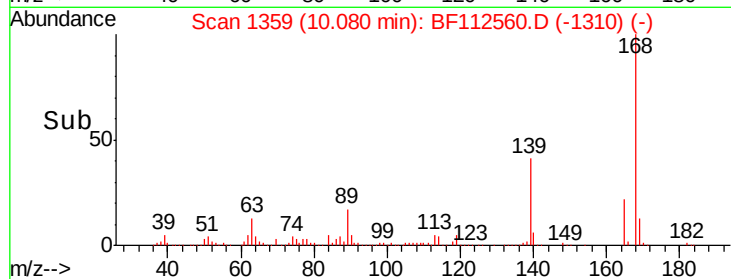
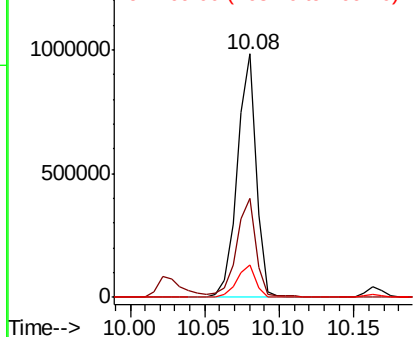
#55
Dibenzofuran
Concen: 38.688 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:168 Resp: 874705
Ion Ratio Lower Upper
168 100
139 40.9 29.2 43.8
169 13.4 11.4 17.0

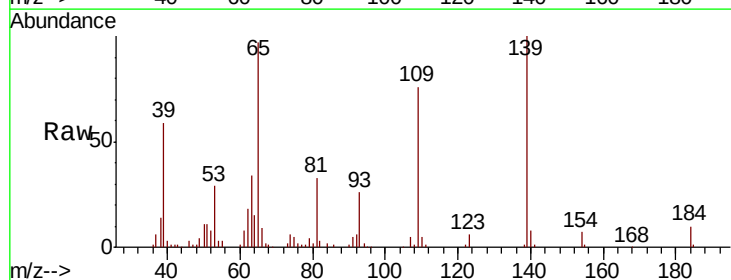


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

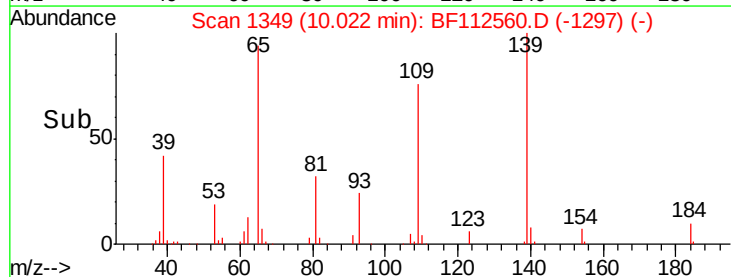
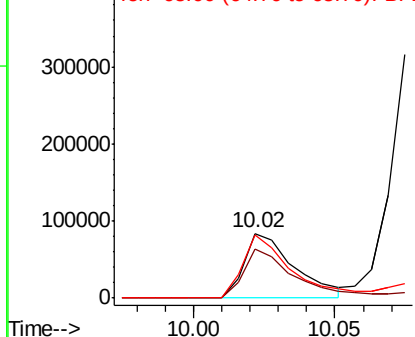


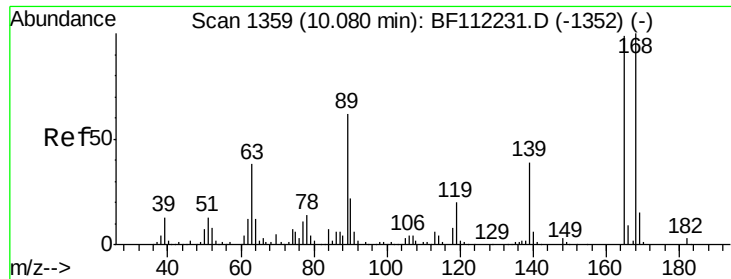
#56
4-Nitrophenol
Concen: 41.649 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion:139 Resp: 103463
Ion Ratio Lower Upper
139 100
109 76.4 42.8 82.8
65 96.6 66.1 106.1



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

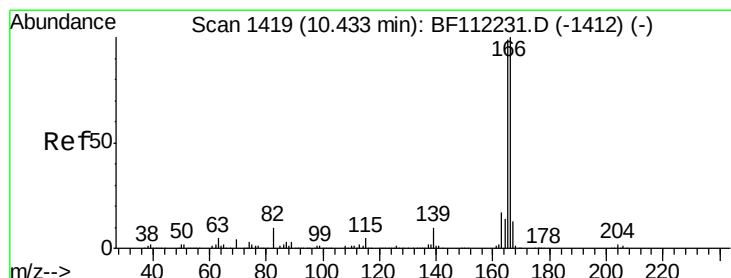
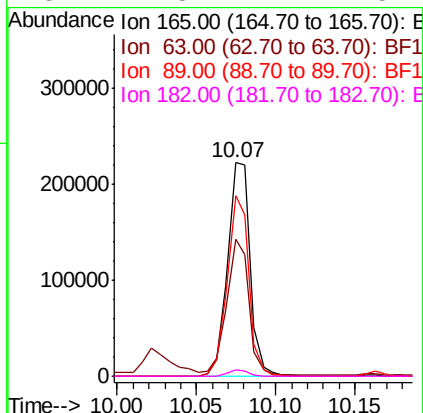
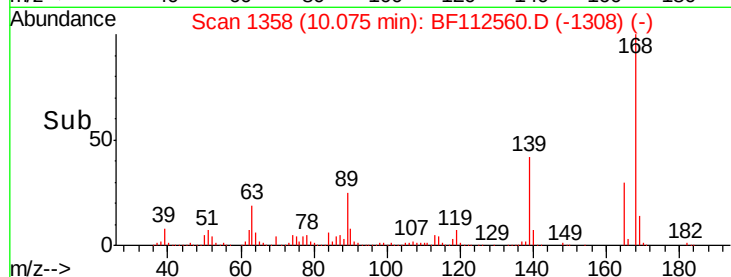
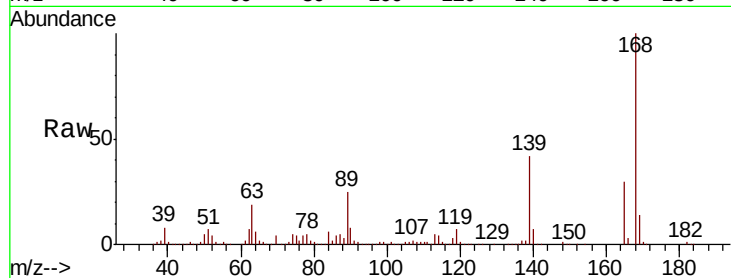




#57
 2,4-Dinitrotoluene
 Concen: 39.934 ng
 RT: 10.07 min Scan# 1358
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

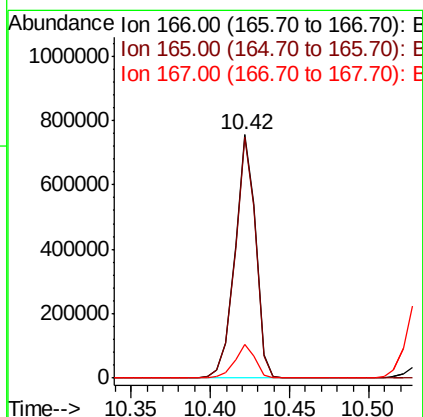
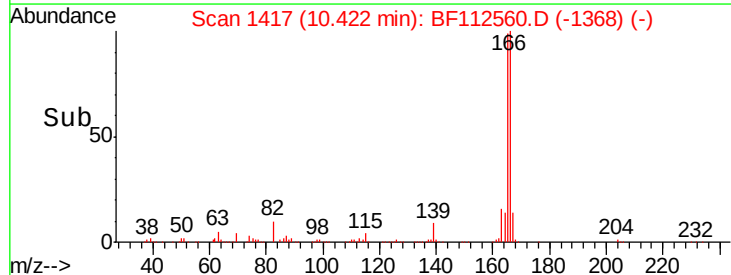
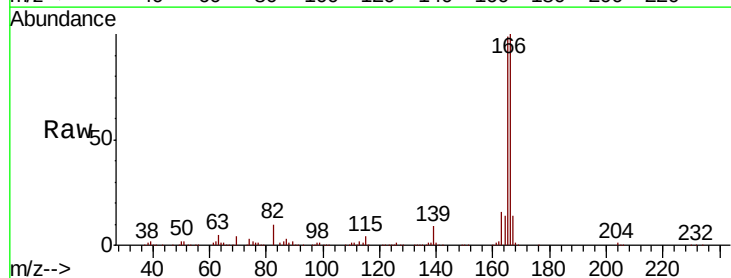
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

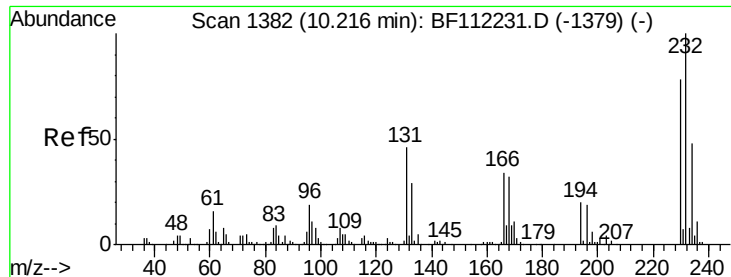
Tot Ion:	165	Resp:	220495
Ion	Ratio	Lower	Upper
165	100		
63	64.0	27.9	41.9#
89	84.3	47.9	71.9#
182	2.8	2.2	3.4



#58
 Fluorene
 Concen: 40.214 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Tgt Ion:	166	Resp:	680383
Ion	Ratio	Lower	Upper
166	100		
165	98.8	77.1	115.7
167	13.7	11.3	16.9

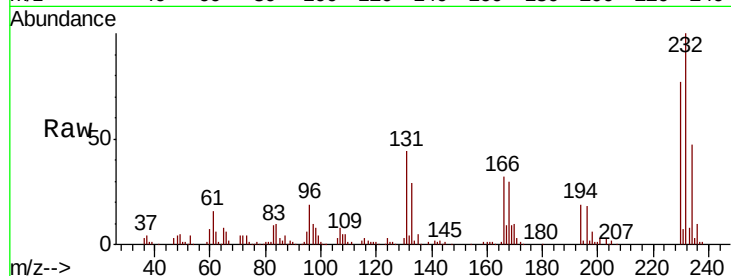




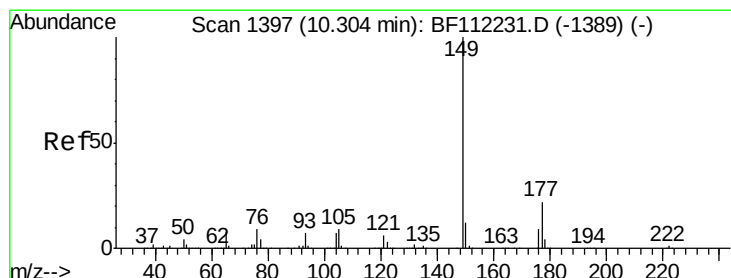
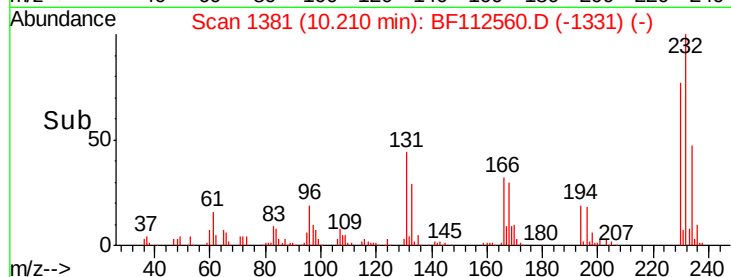
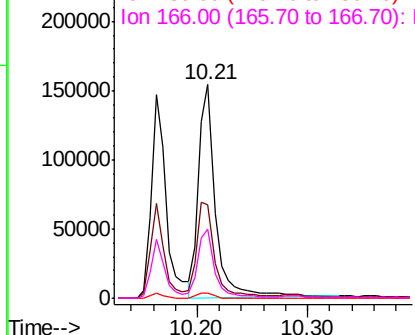
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 39.989 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	232	Resp:	159328
Ion	Ratio	Lower	Upper
232	100		
131	49.1	33.9	50.9
130	2.5	1.8	2.6
166	31.8	23.6	35.4

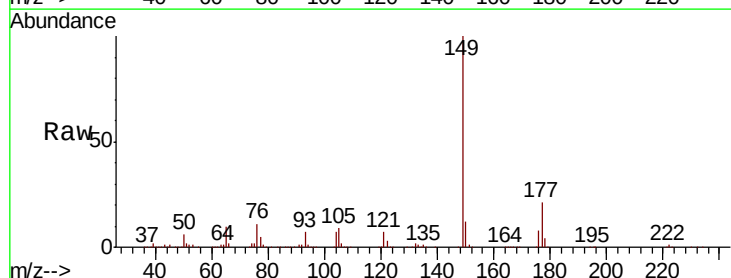


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

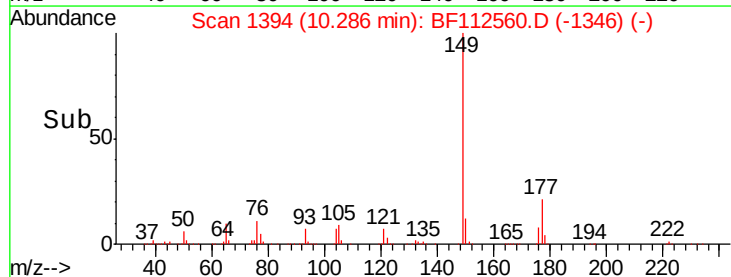
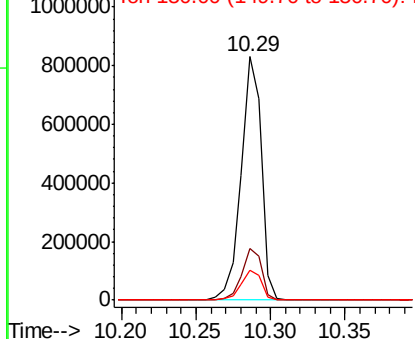


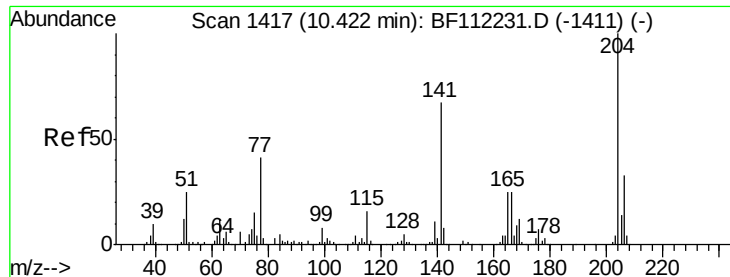
#60
 Diethylphthalate
 Concen: 40.666 ng
 RT: 10.29 min Scan# 1394
 Delta R.T. -0.02 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Tgt Ion:	149	Resp:	781524
Ion	Ratio	Lower	Upper
149	100		
177	21.3	18.2	27.2
150	12.4	10.4	15.6



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

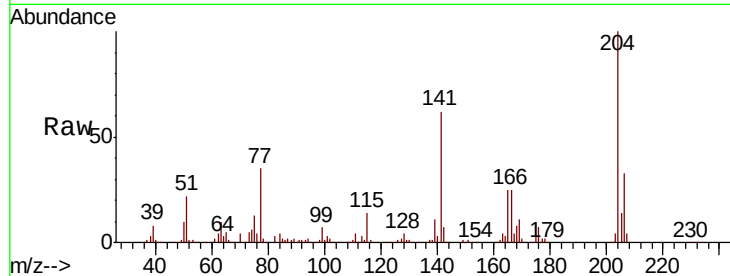




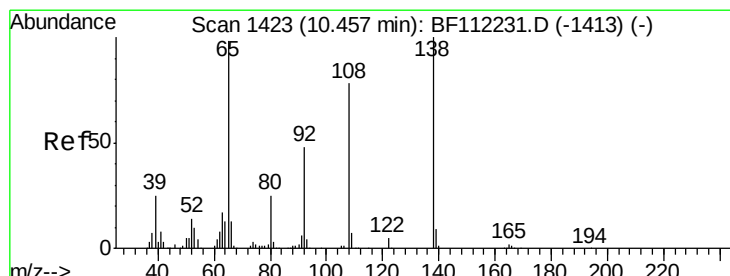
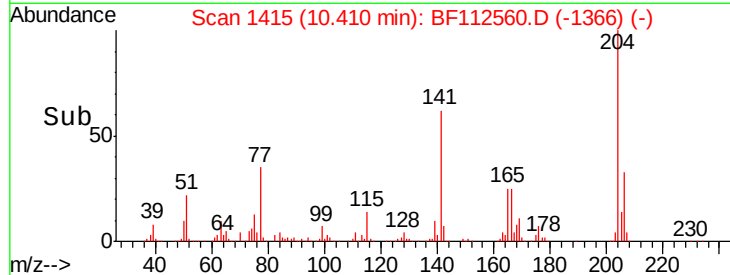
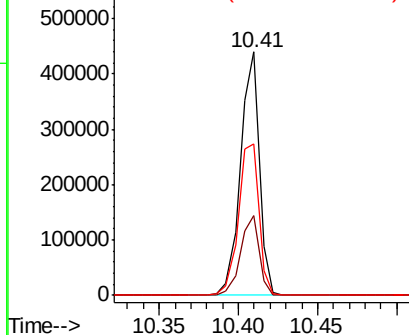
#61
 4-Chlorophenyl-phenylether
 Concen: 39.420 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:	204	Resp:	362801
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.5	39.7
141	62.4	45.9	68.9

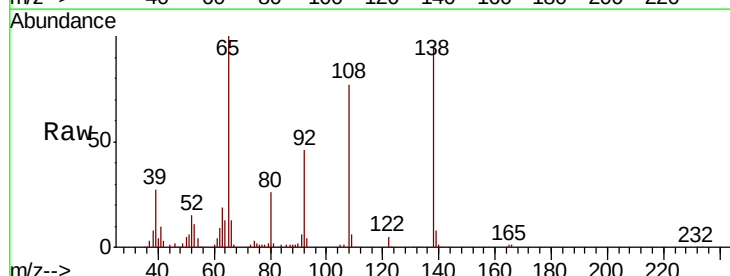


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

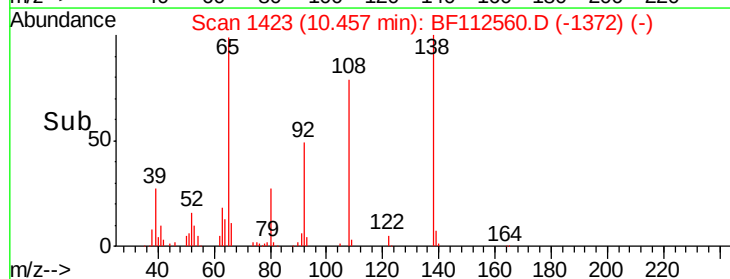
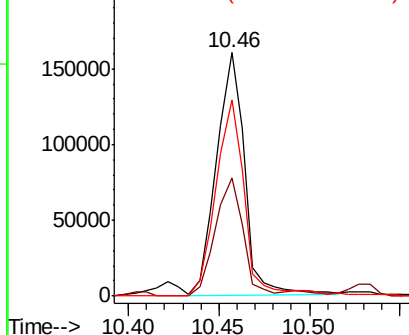


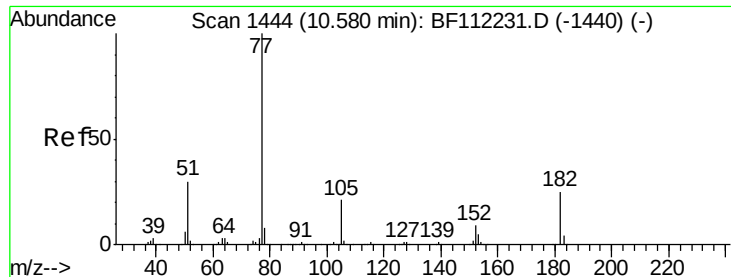
#62
 4-Nitroaniline
 Concen: 37.459 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. 0.00 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Tgt Ion:	138	Resp:	172642
Ion	Ratio	Lower	Upper
138	100		
92	48.7	30.6	70.6
108	80.8	50.0	90.0



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: 41.248 ng

RT: 10.57 min Scan# 1442

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 697169

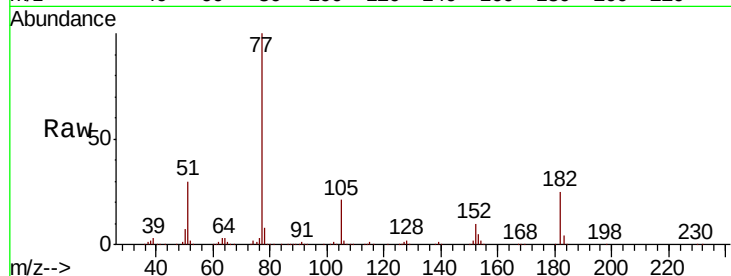
Ion Ratio Lower Upper

77 100

182 25.1 5.7 45.7

105 21.1 1.4 41.4

51 30.4 9.5 49.5

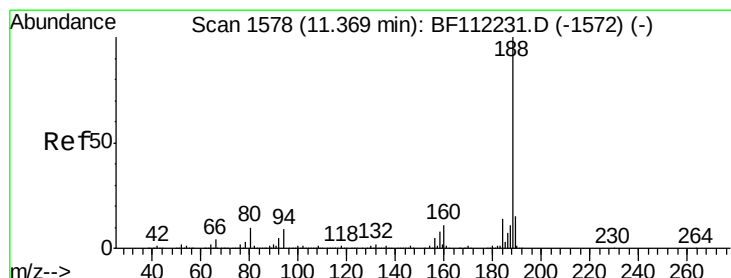
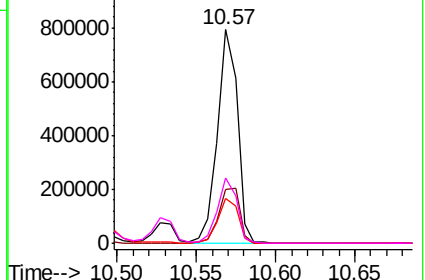
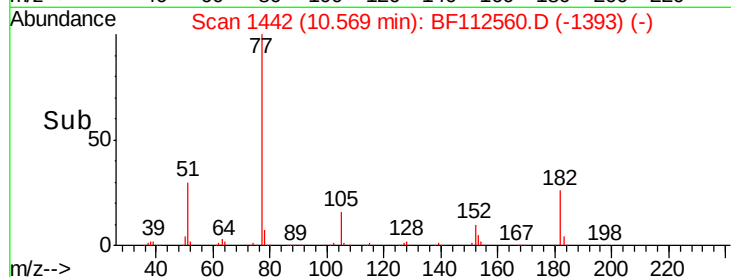


Abundance Ion 77.00 (76.70 to 77.70): BF1

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: 11.36 min Scan# 1577

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

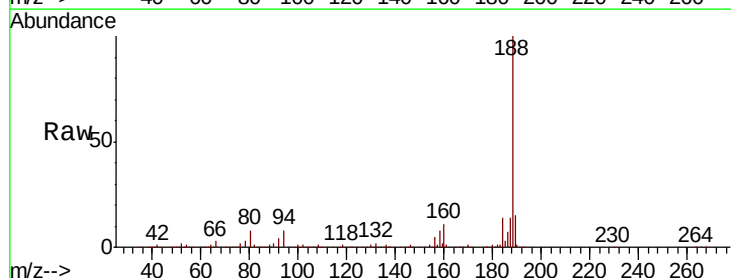
Tgt Ion: 188 Resp: 492272

Ion Ratio Lower Upper

188 100

94 7.5 8.2 12.2#

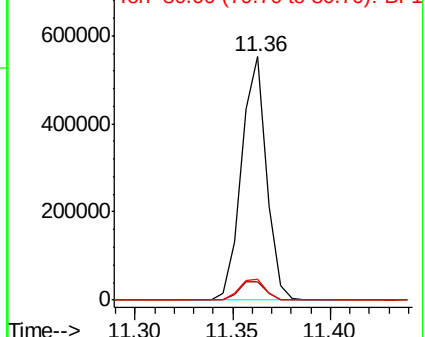
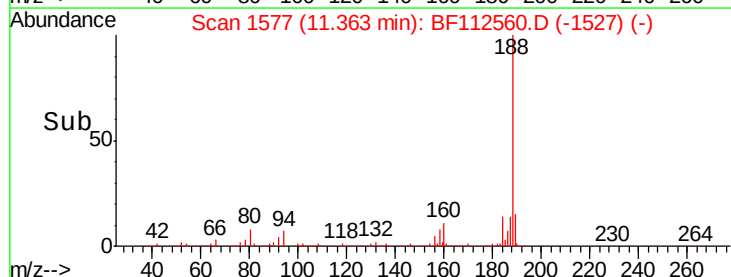
80 8.3 8.9 13.3#

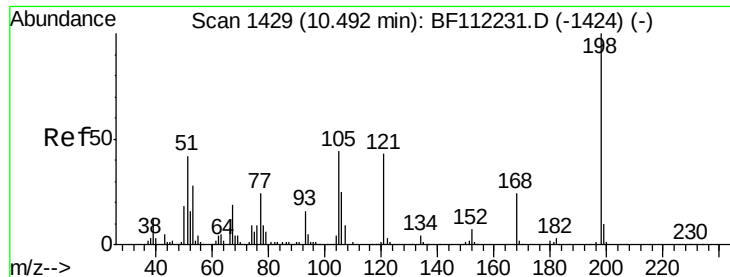


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

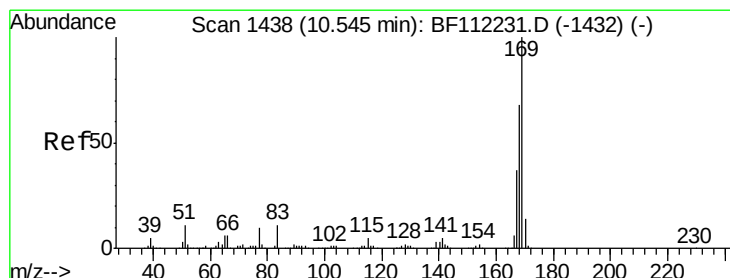
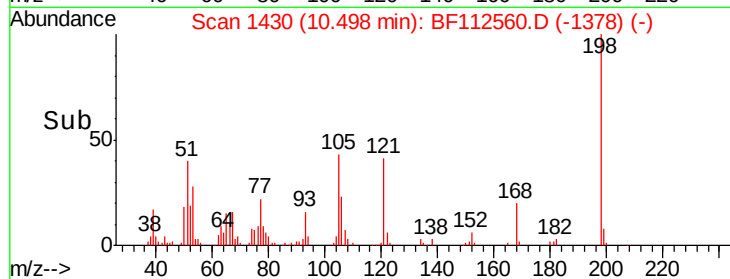
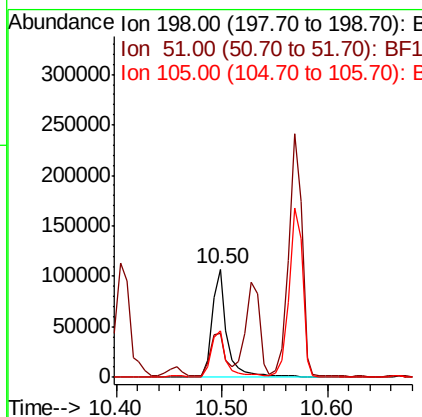
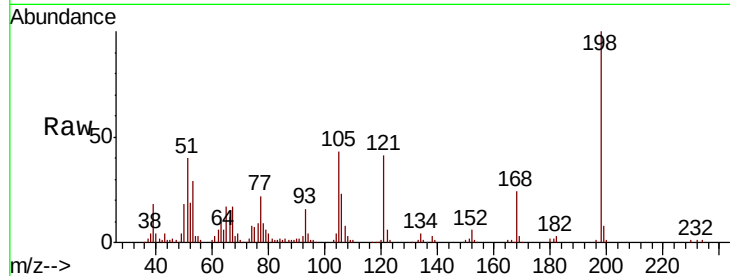




#65
 4,6-Dinitro-2-methylphenol
 Concen: 38.526 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. 0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

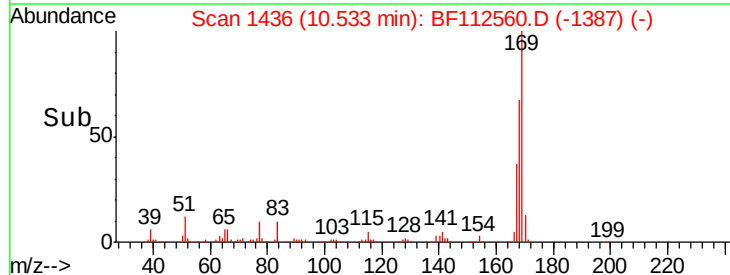
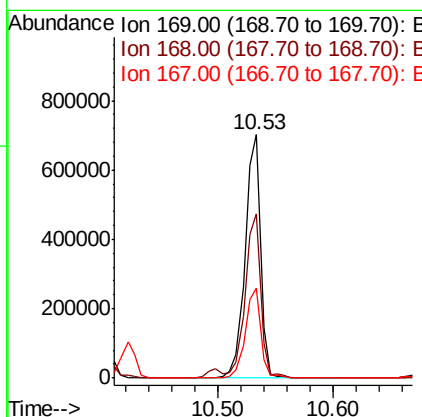
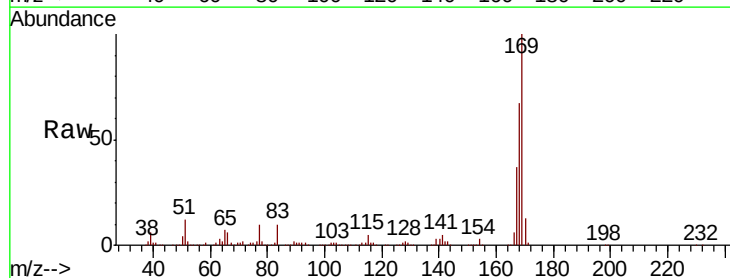
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

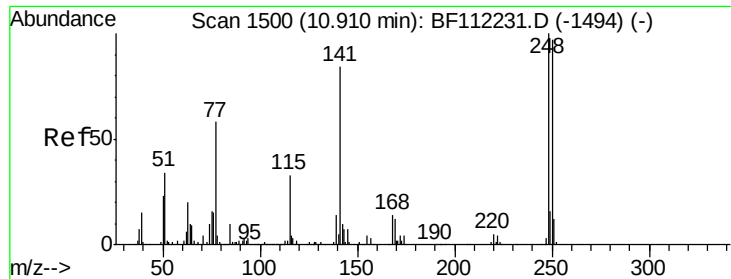
Tot Ion:198 Resp: 106330
 Ion Ratio Lower Upper
 198 100
 51 40.2 17.2 57.2
 105 42.5 21.9 61.9



#66
 n-Nitrosodiphenylamine
 Concen: 39.217 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF112560.D
 Acq: 14 Feb 2019 11:23

Tgt Ion:169 Resp: 650649
 Ion Ratio Lower Upper
 169 100
 168 67.2 53.9 80.9
 167 36.9 28.9 43.3

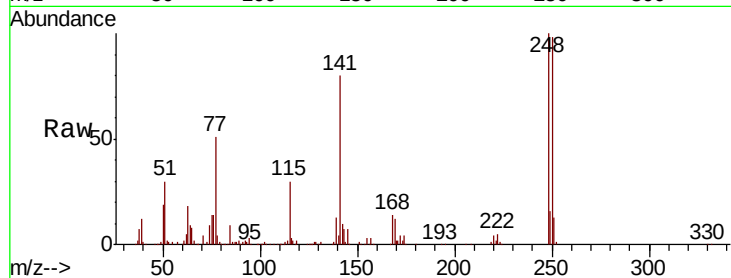




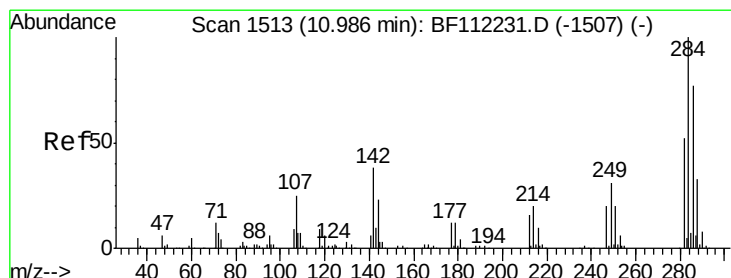
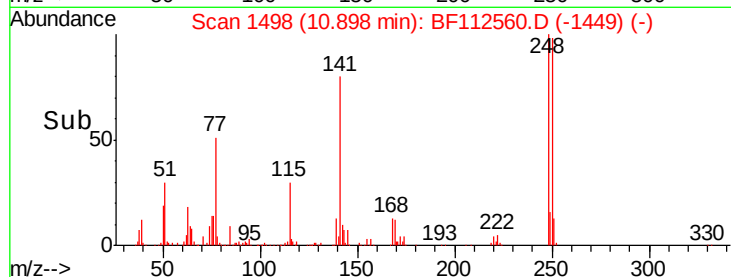
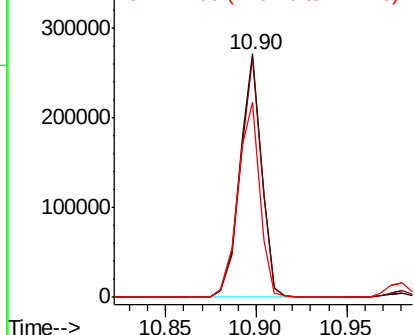
#67
4-Bromophenyl-phenylether
Concen: 38.670 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 223890
Ion Ratio Lower Upper
248 100
250 98.4 79.7 119.5
141 80.0 60.3 90.5

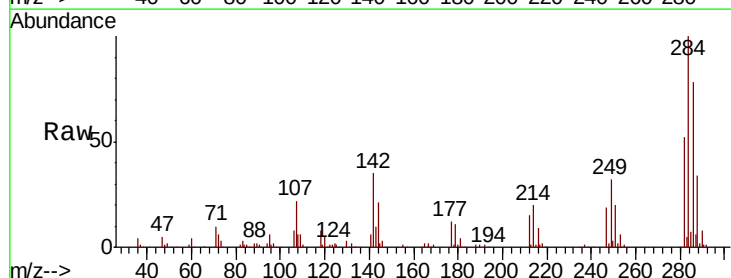


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

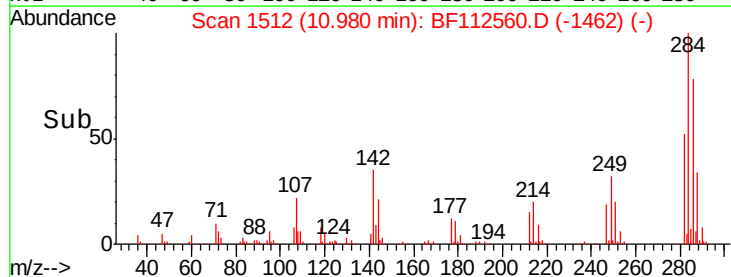
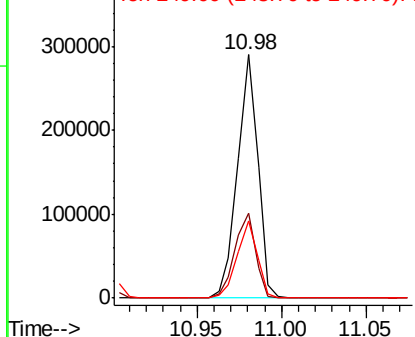


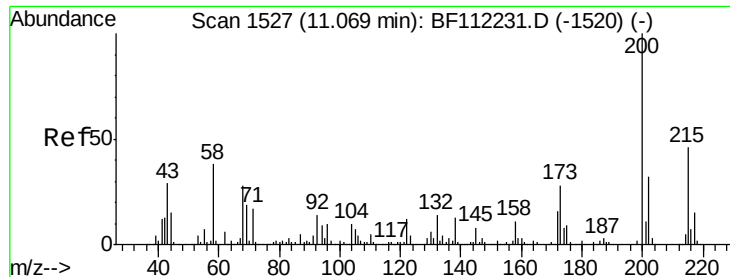
#68
Hexachlorobenzene
Concen: 39.254 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion:284 Resp: 243838
Ion Ratio Lower Upper
284 100
142 35.1 27.6 41.4
249 31.5 24.1 36.1



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: 33.640 ng

RT: 11.06 min Scan# 1525

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

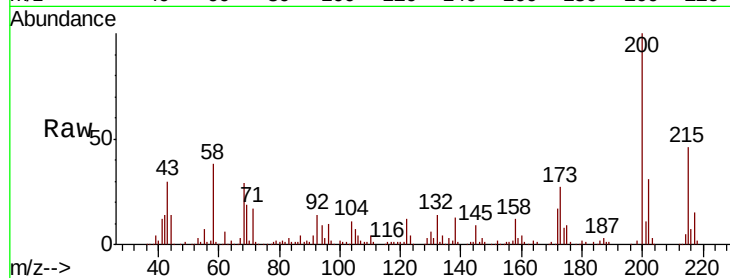
Tot Ion:200 Resp: 180087

Ion Ratio Lower Upper

200 100

173 26.8 7.1 47.1

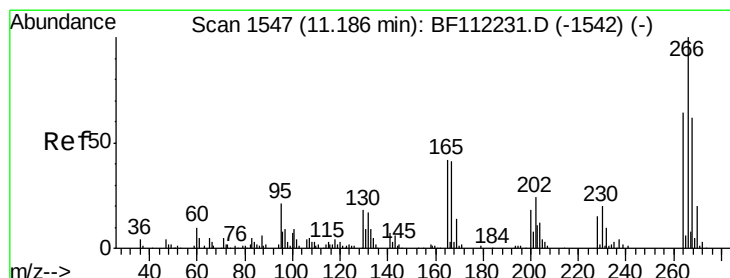
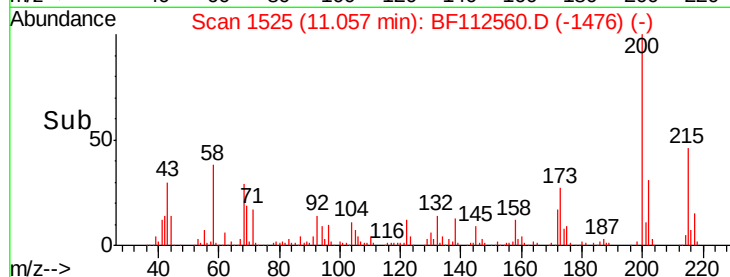
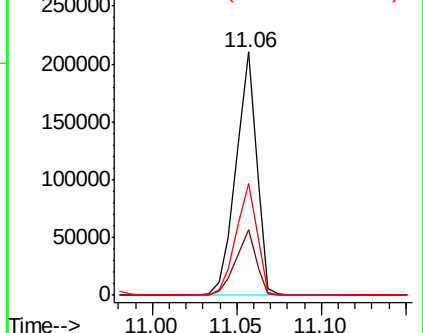
215 45.9 30.4 70.4



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: 37.191 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

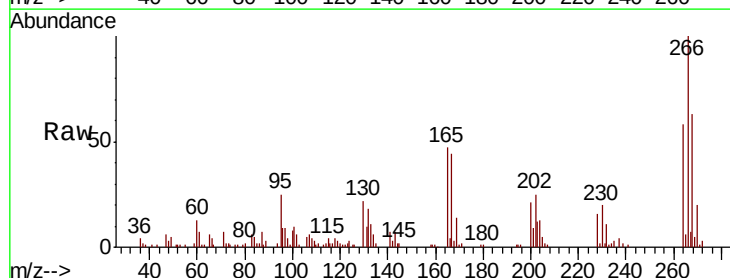
Tgt Ion:266 Resp: 89893

Ion Ratio Lower Upper

266 100

268 62.5 51.2 76.8

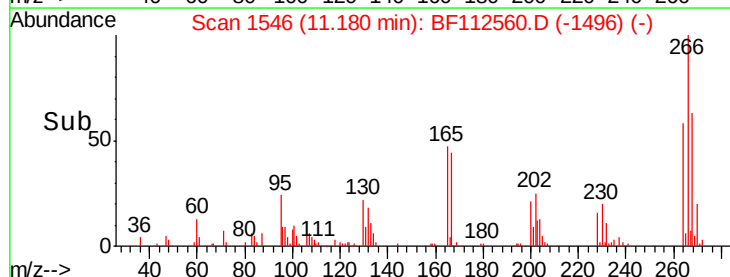
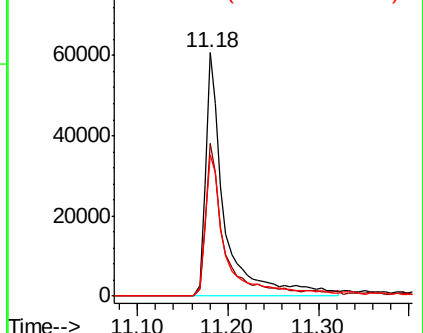
264 58.1 50.9 76.3

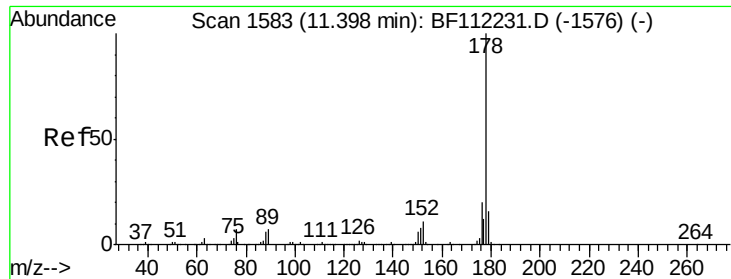


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

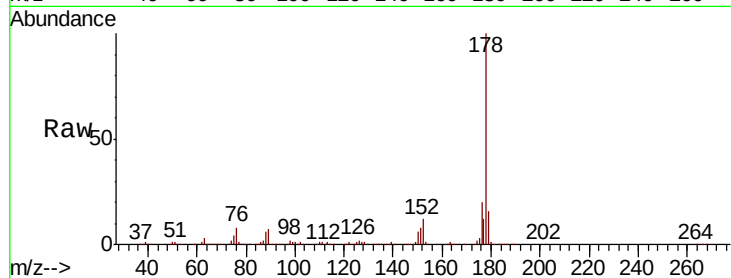




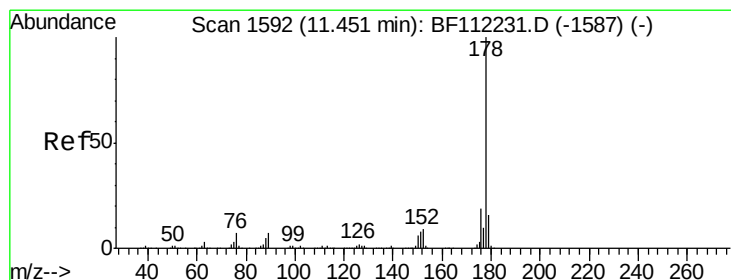
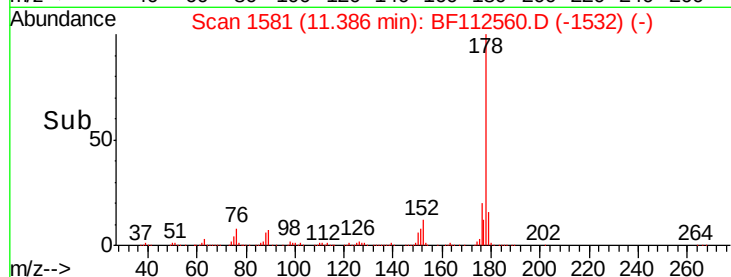
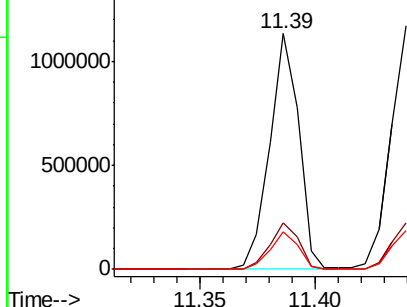
#71
Phenanthrene
Concen: 38.863 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:178 Resp: 994606
Ion Ratio Lower Upper
178 100
176 20.0 16.3 24.5
179 15.8 13.0 19.4

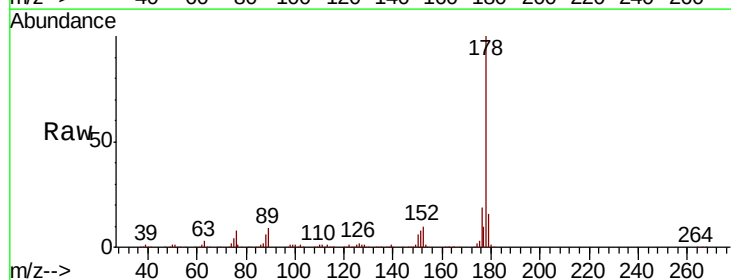


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

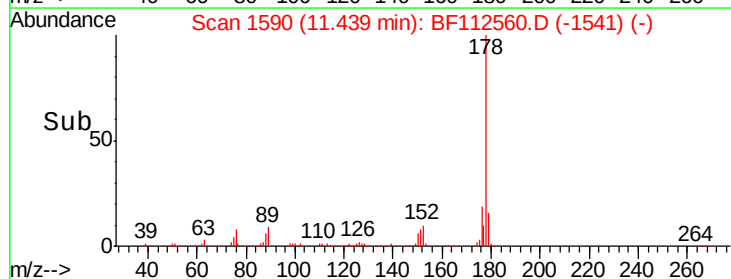
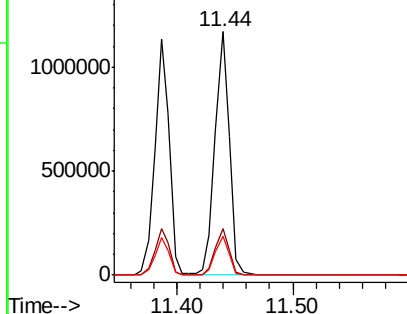


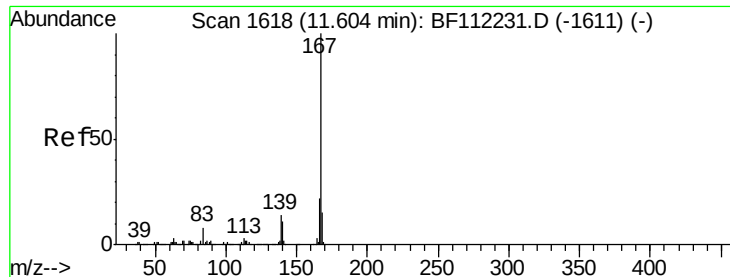
#72
Anthracene
Concen: 39.796 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion:178 Resp: 1014542
Ion Ratio Lower Upper
178 100
176 19.1 15.5 23.3
179 15.9 12.8 19.2



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





#73

Carbazole

Concen: 40.355 ng

RT: 11.60 min Scan# 1617

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

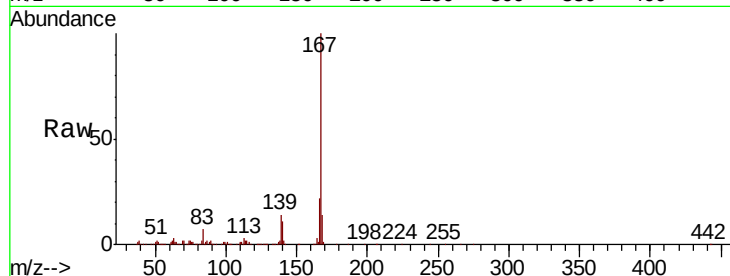
Tot Ion:167 Resp: 1014815

Ion Ratio Lower Upper

167 100

166 22.1 17.9 26.9

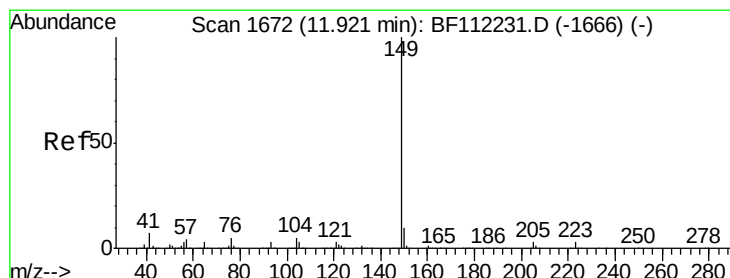
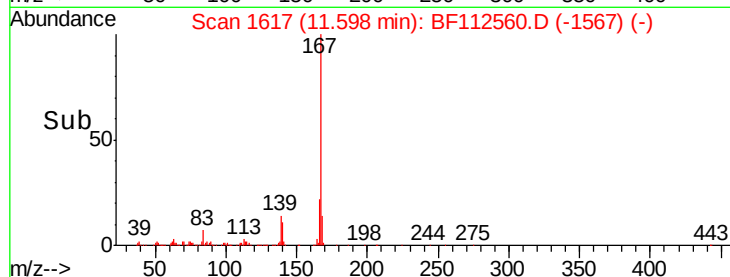
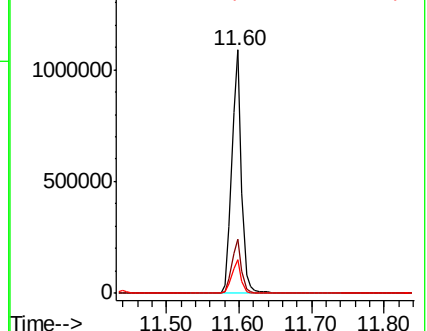
139 13.7 10.2 15.2



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 40.275 ng

RT: 11.91 min Scan# 1670

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

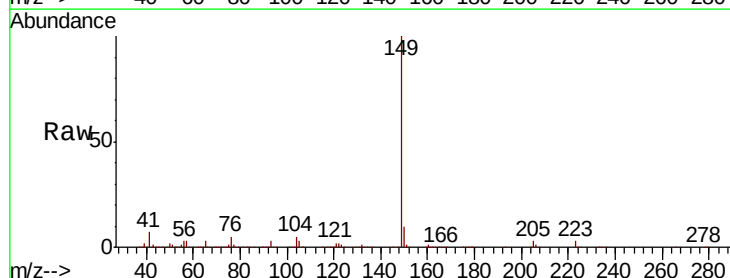
Tgt Ion:149 Resp: 1257123

Ion Ratio Lower Upper

149 100

150 9.6 8.1 12.1

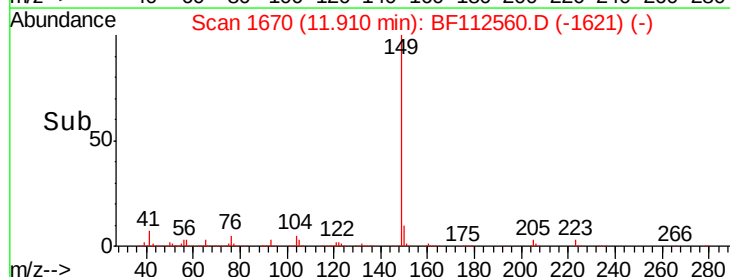
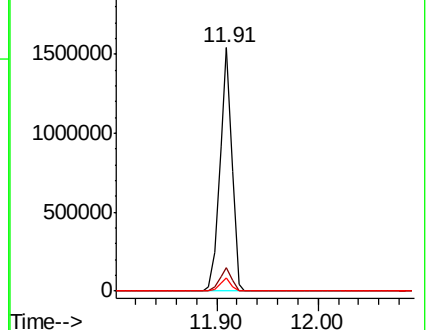
104 5.2 3.9 5.9

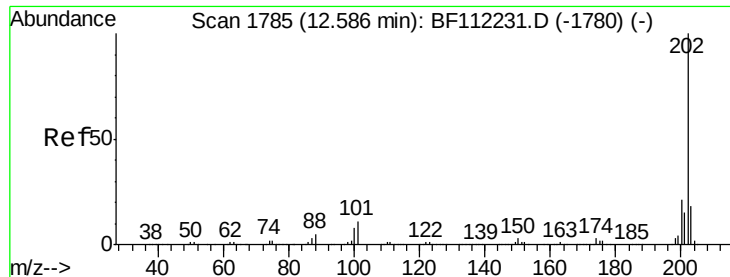


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

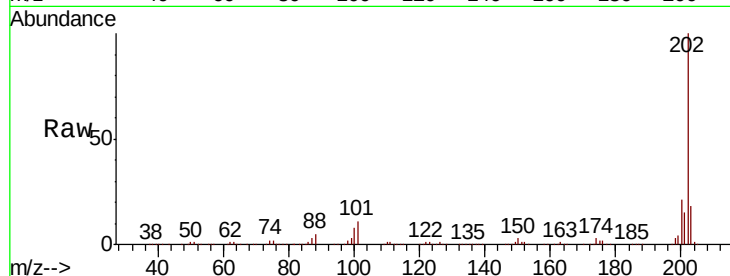




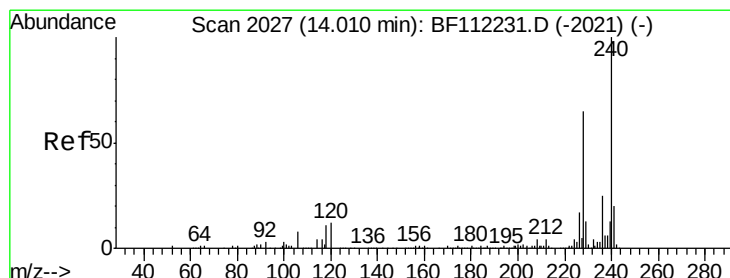
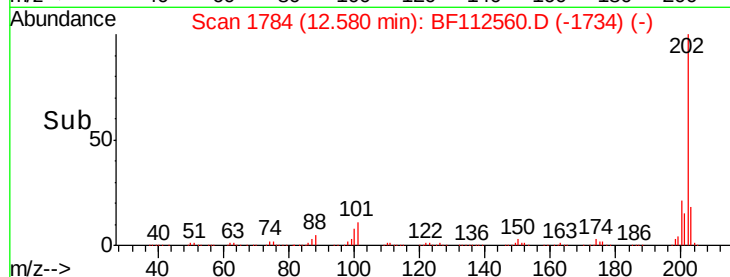
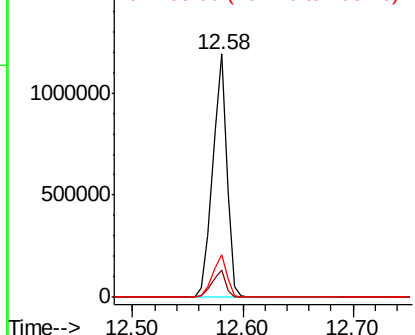
#75
Fluoranthene
Concen: 38.179 ng
RT: 12.58 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:202 Resp: 1048004
Ion Ratio Lower Upper
202 100
101 11.0 0.0 31.8
203 17.7 0.0 38.4

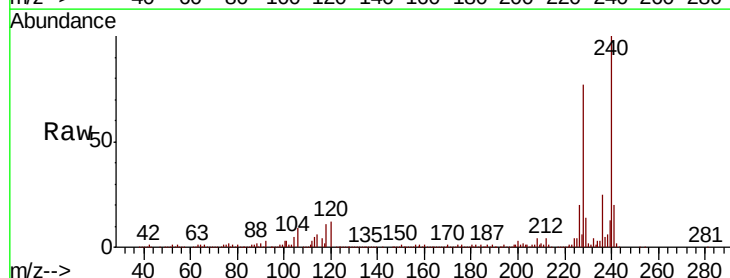


Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E

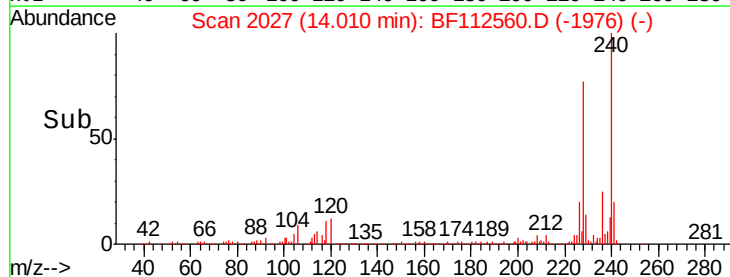
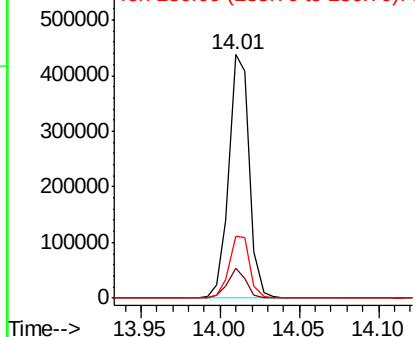


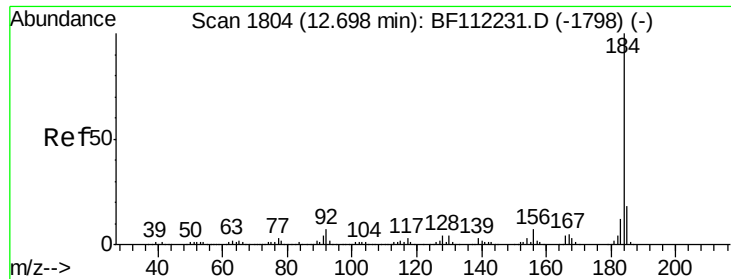
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.01 min Scan# 2027
Delta R.T. 0.00 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion:240 Resp: 393191
Ion Ratio Lower Upper
240 100
120 12.1 9.0 13.6
236 25.1 20.7 31.1



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: 46.660 ng

RT: 12.69 min Scan# 1803

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

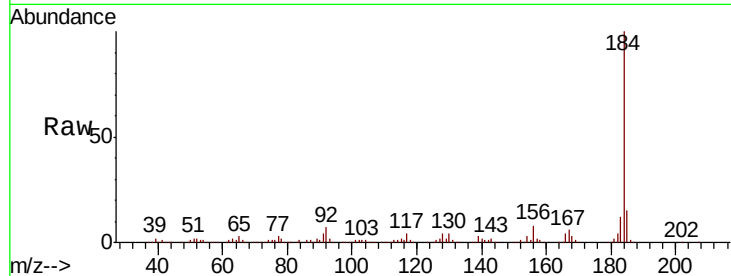
Tot Ion:184 Resp: 504948

Ion Ratio Lower Upper

184 100

185 15.1 13.9 20.9

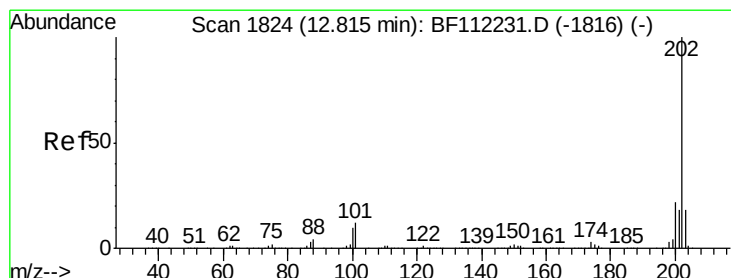
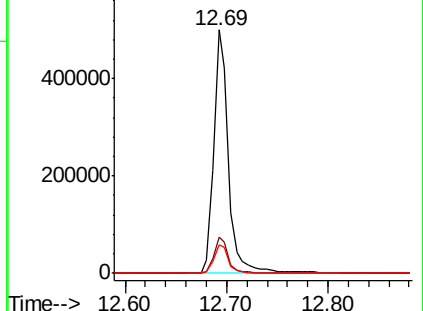
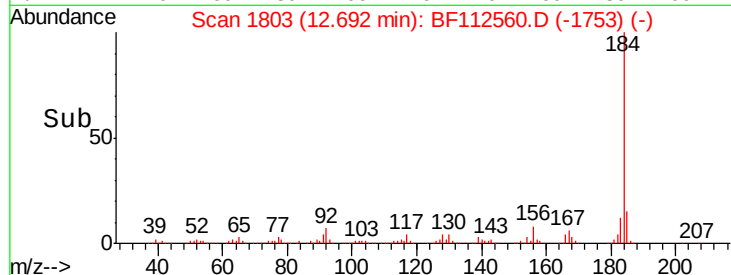
183 12.0 10.0 15.0



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: 40.001 ng

RT: 12.81 min Scan# 1823

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

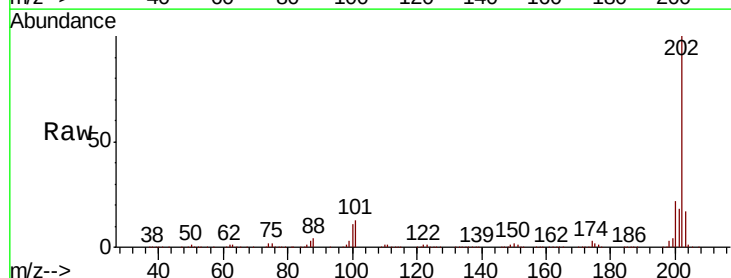
Tgt Ion:202 Resp: 1088918

Ion Ratio Lower Upper

202 100

200 21.9 17.7 26.5

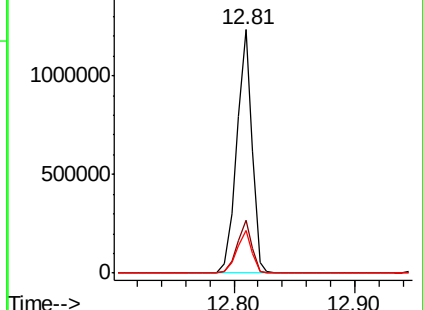
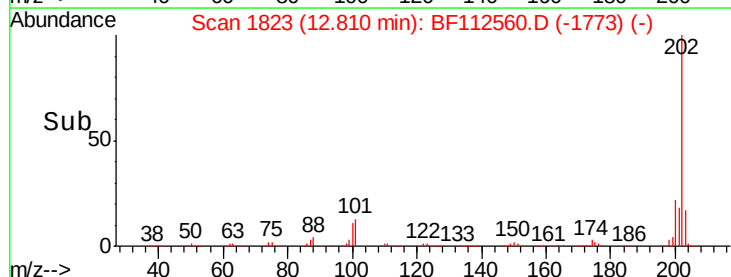
203 17.4 14.6 22.0

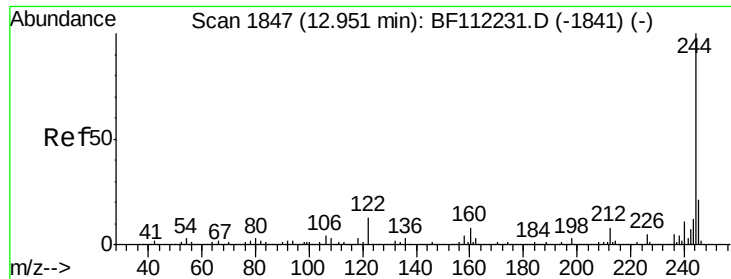


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 78.752 ng

RT: 12.94 min Scan# 1846

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

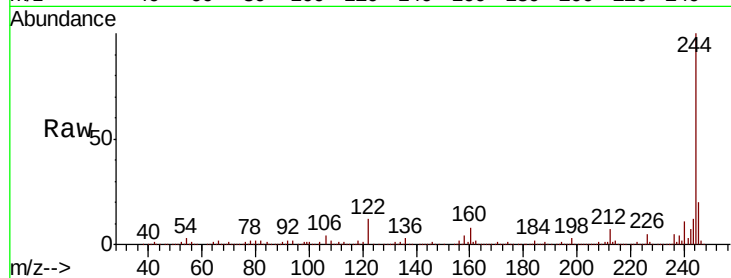
Tot Ion:244 Resp: 1644034

Ion Ratio Lower Upper

244 100

212 7.3 5.9 8.9

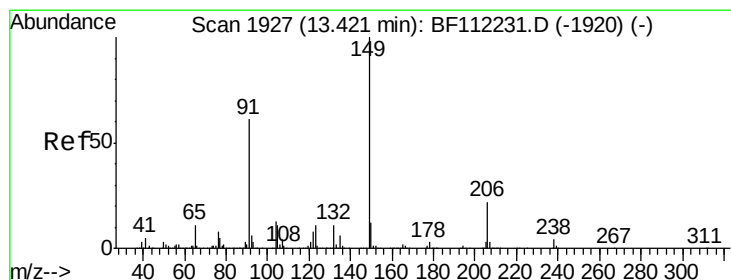
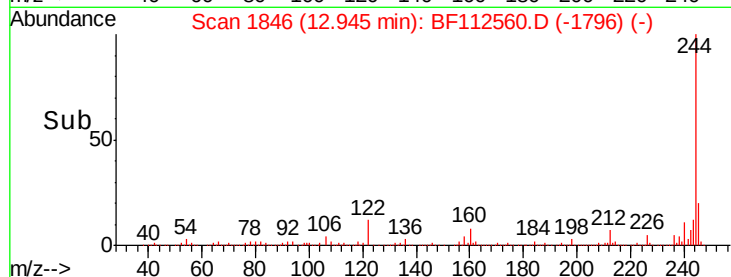
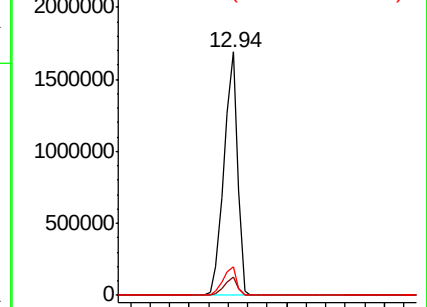
122 12.0 9.8 14.6



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: 40.435 ng

RT: 13.41 min Scan# 1925

Delta R.T. -0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

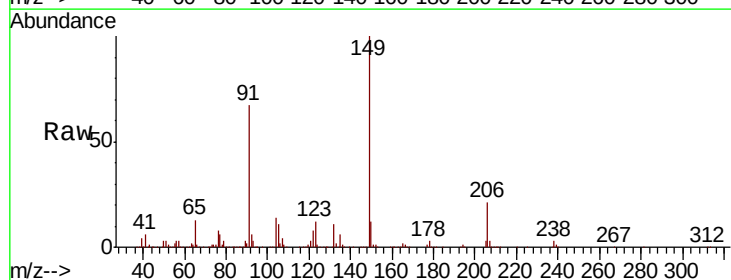
Tgt Ion:149 Resp: 532559

Ion Ratio Lower Upper

149 100

91 67.3 50.3 75.5

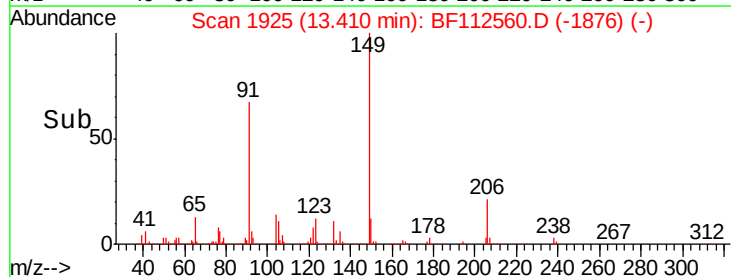
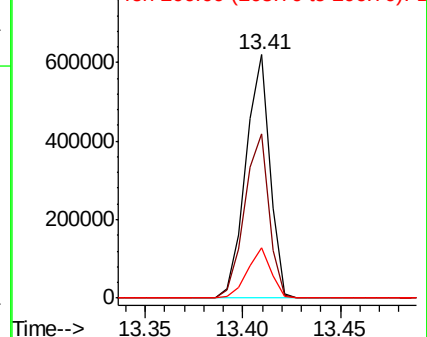
206 20.8 18.2 27.4

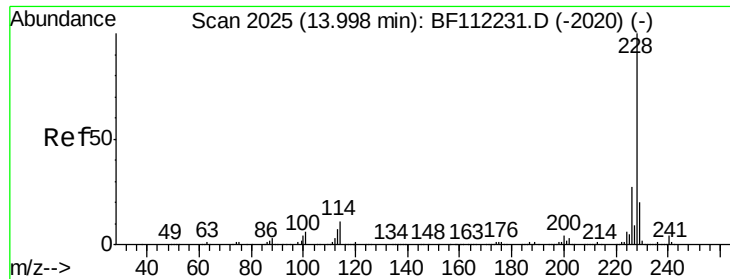


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.064 ng

RT: 14.00 min Scan# 2026

Delta R.T. 0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

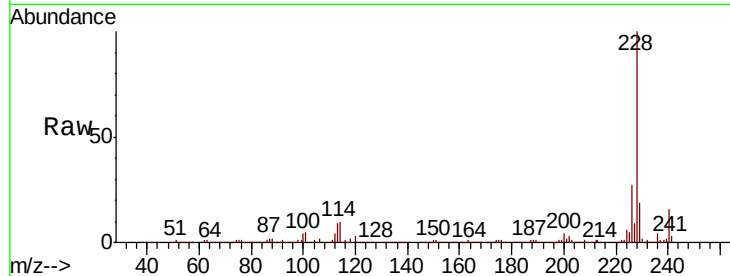
Tot Ion:228 Resp: 926034

Ion Ratio Lower Upper

228 100

226 26.5 22.6 34.0

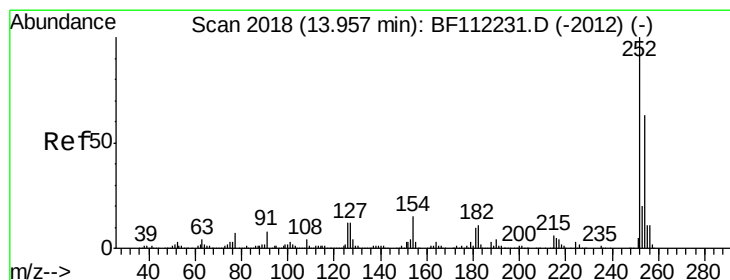
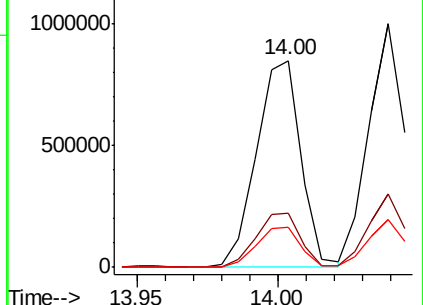
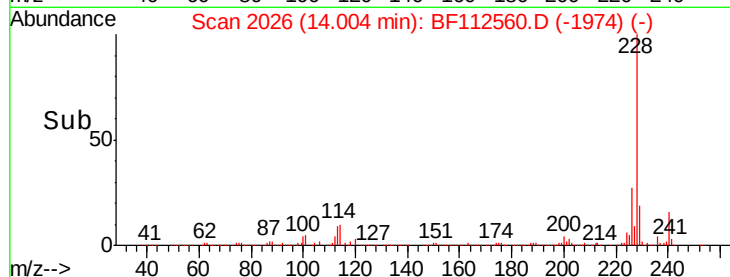
229 19.3 16.5 24.7



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: 40.612 ng

RT: 13.96 min Scan# 2018

Delta R.T. 0.00 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

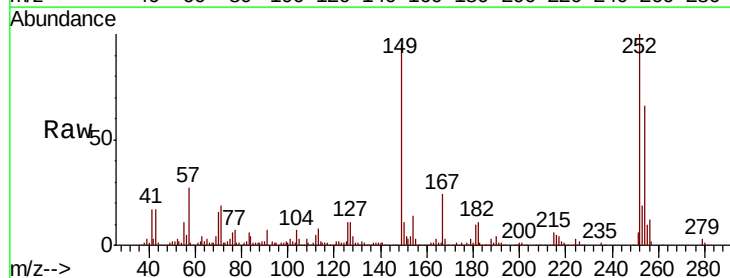
Tgt Ion:252 Resp: 351300

Ion Ratio Lower Upper

252 100

254 65.8 51.6 77.4

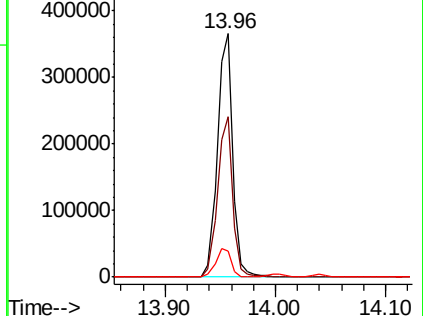
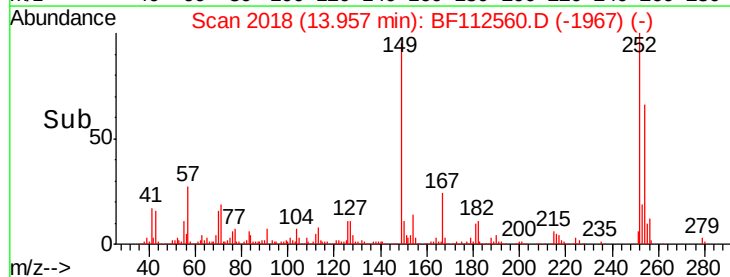
126 10.5 8.6 12.8

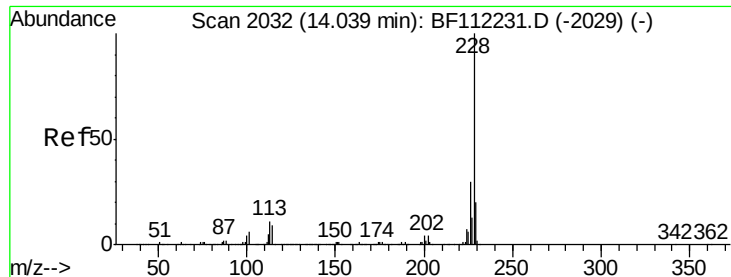


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E

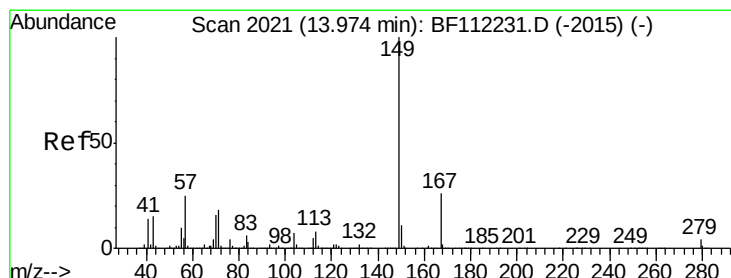
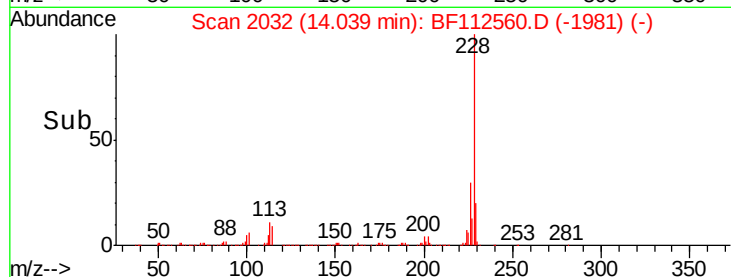
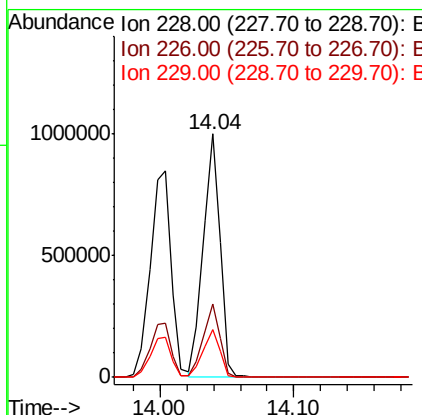
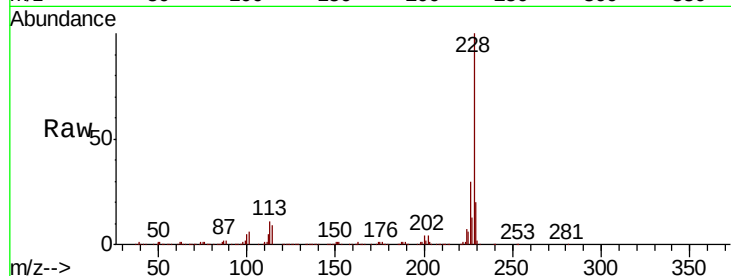




#83
Chrysene
Concen: 39.634 ng
RT: 14.04 min Scan# 2032
Delta R.T. 0.00 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

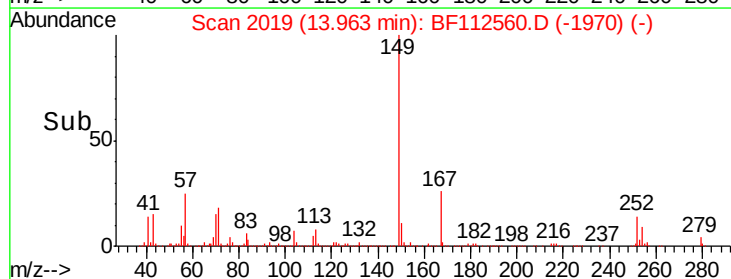
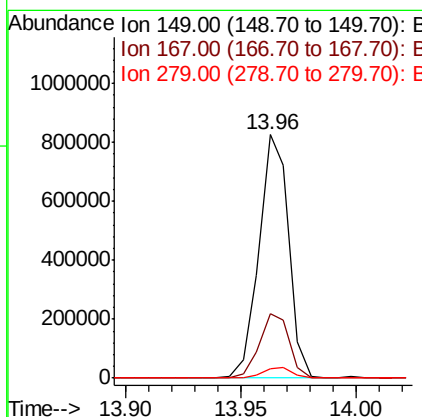
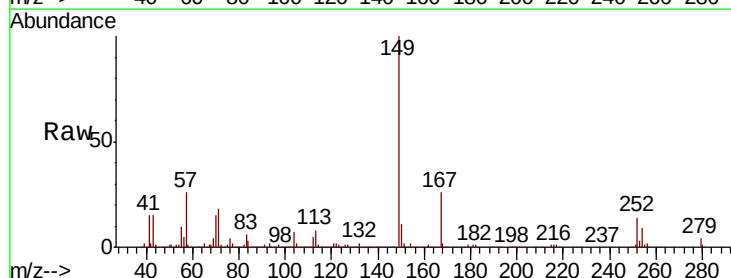
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

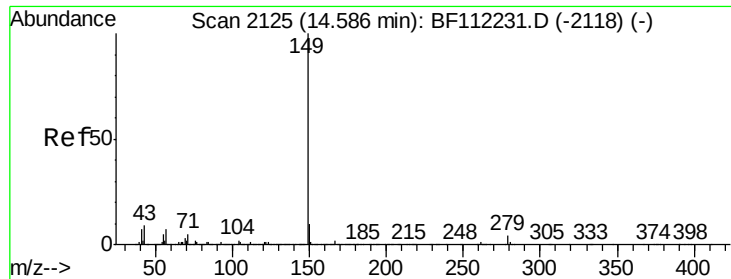
Tot Ion	Ratio	Lower	Upper
228	100		
226	30.1	25.0	37.6
229	19.7	16.6	24.8



#84
Bis(2-ethylhexyl)phthalate
Concen: 39.661 ng
RT: 13.96 min Scan# 2019
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
149	100		
167	26.3	22.5	33.7
279	3.6	3.8	5.6#

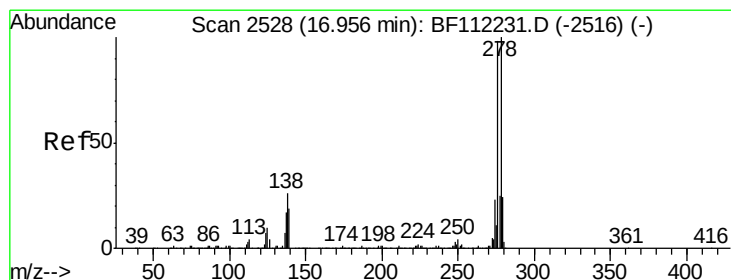
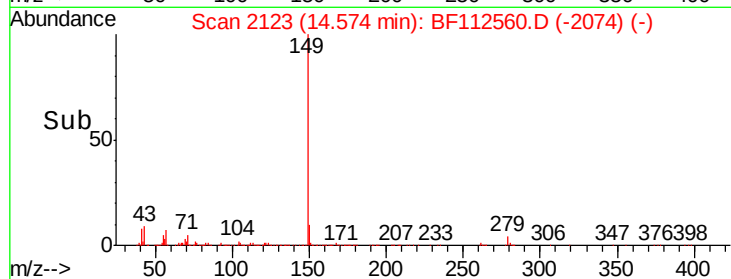
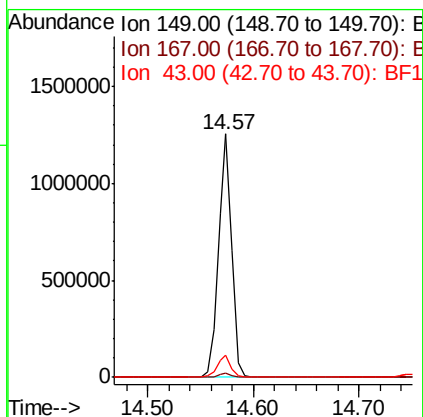
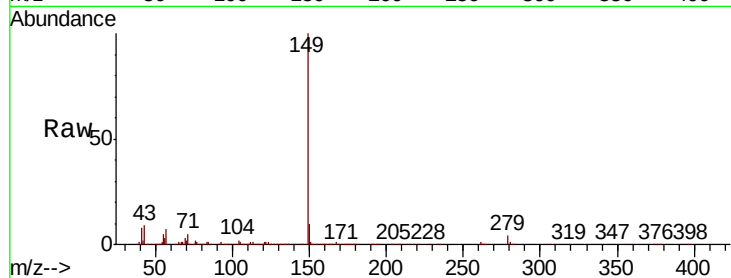




#85
Di-n-octyl phthalate
Concen: 38.356 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

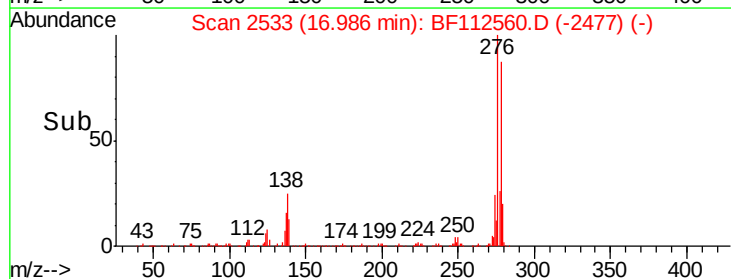
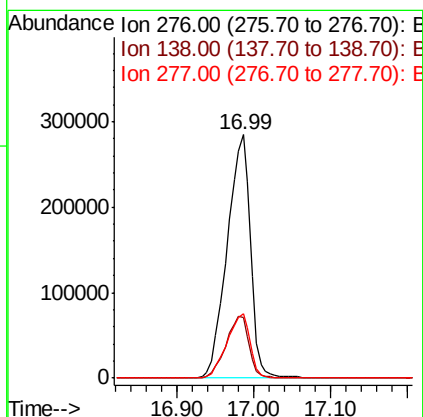
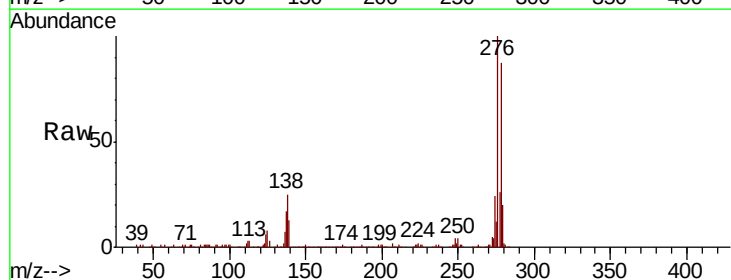
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

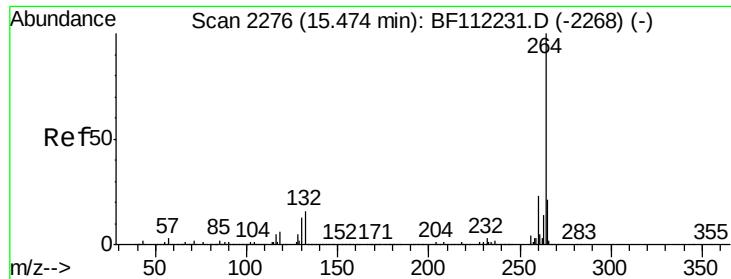
Tot Ion:149 Resp: 1103259
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.0 7.8 11.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 34.388 ng
RT: 16.99 min Scan# 2533
Delta R.T. 0.03 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion:276 Resp: 601191
Ion Ratio Lower Upper
276 100
138 25.0 22.6 34.0
277 26.4 20.3 30.5

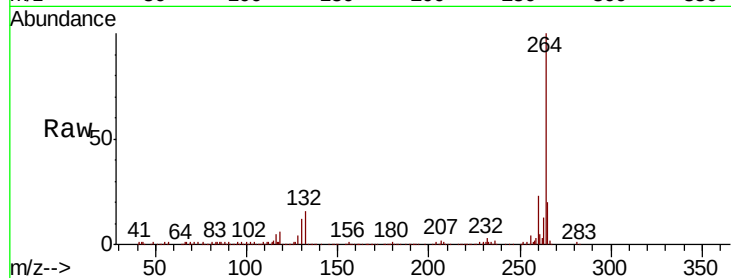




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.49 min Scan# 2278
Delta R.T. 0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.9	18.2	27.2
265	20.2	17.0	25.4

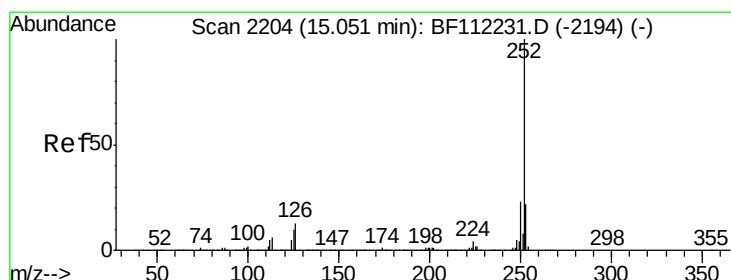
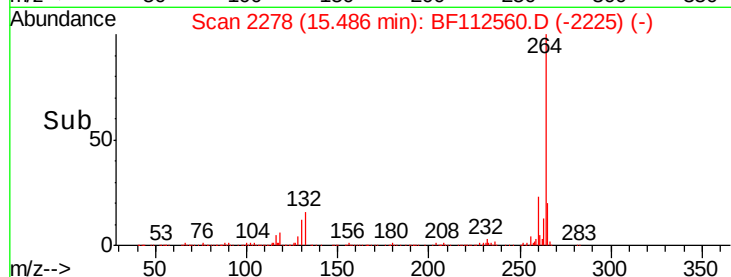
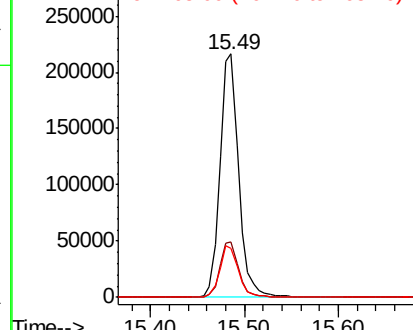


Abundance

Ion 264.00 (263.70 to 264.70): E

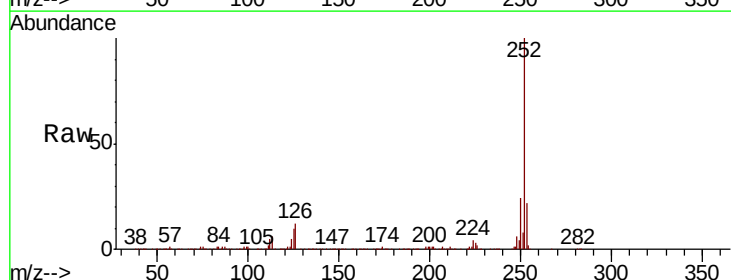
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 40.162 ng
RT: 15.06 min Scan# 2205
Delta R.T. 0.01 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.0	18.0	27.0
125	9.7	8.7	13.1

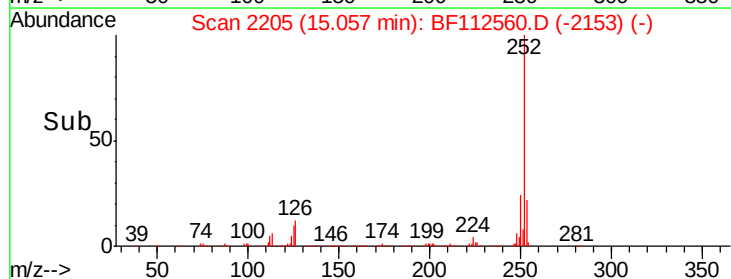
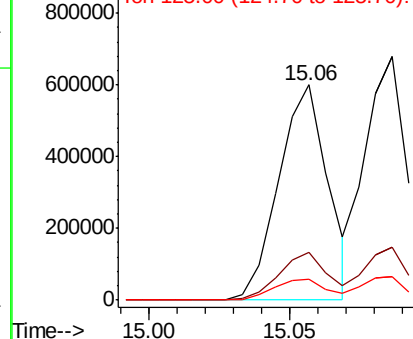


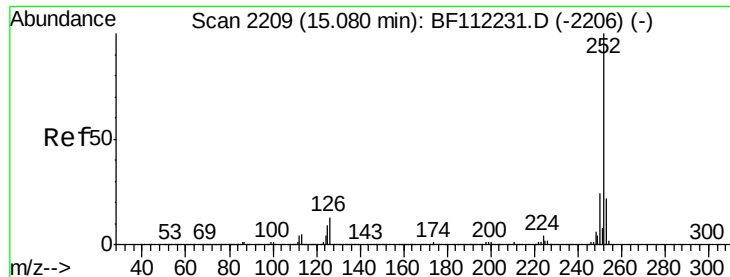
Abundance

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: 40.565 ng

RT: 15.09 min Scan# 2210

Delta R.T. 0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

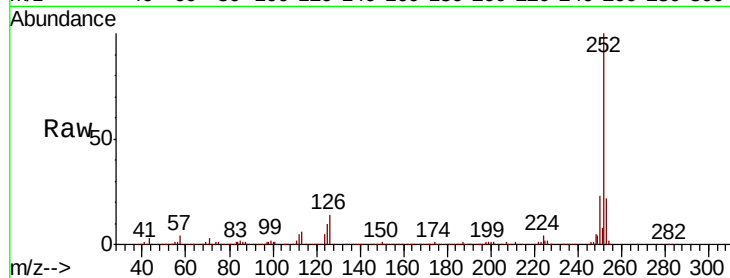
Tot Ion:252 Resp: 701333

Ion Ratio Lower Upper

252 100

253 21.6 18.0 27.0

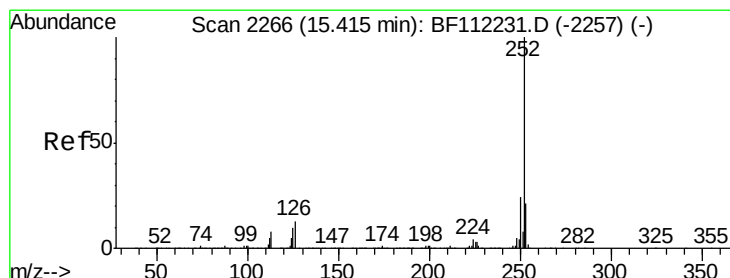
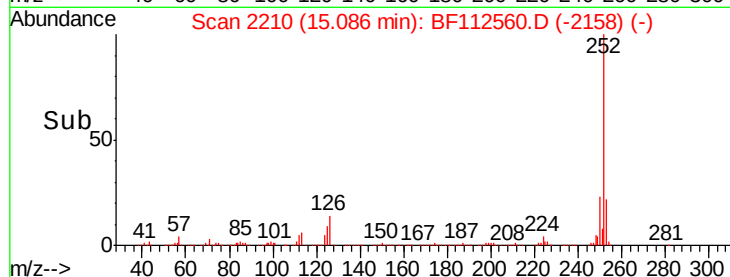
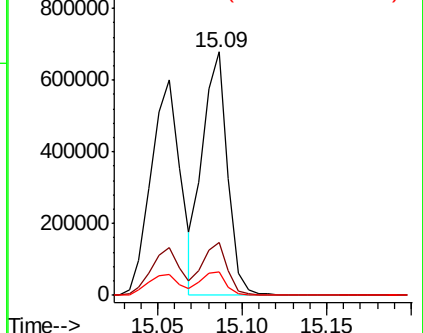
125 9.5 9.1 13.7



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: 39.434 ng

RT: 15.43 min Scan# 2268

Delta R.T. 0.01 min

Lab File: BF112560.D

Acq: 14 Feb 2019 11:23

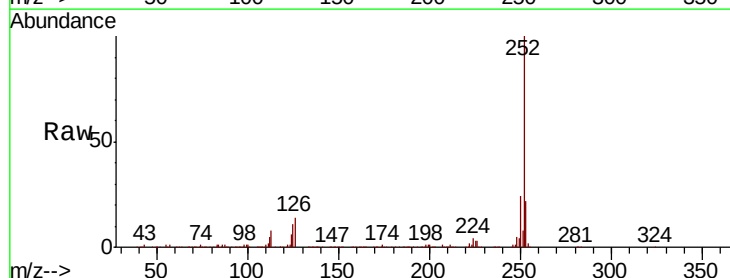
Tgt Ion:252 Resp: 640447

Ion Ratio Lower Upper

252 100

253 21.8 17.5 26.3

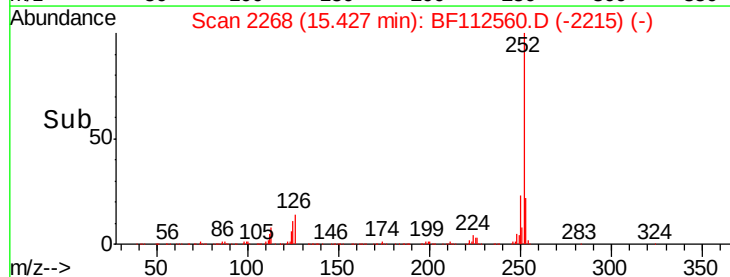
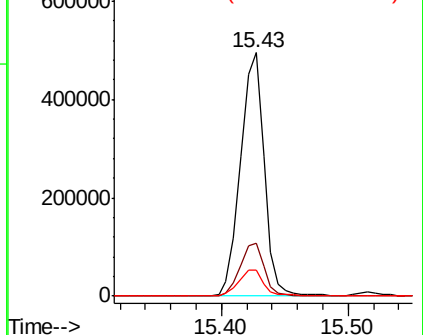
125 10.6 9.0 13.4

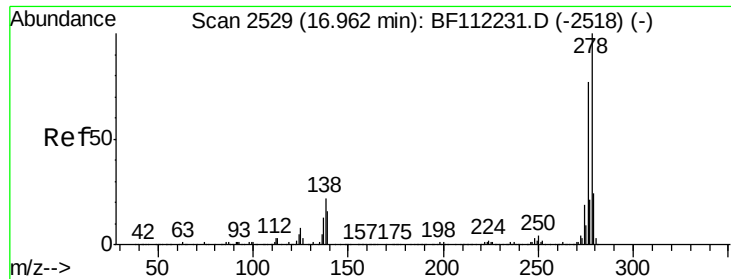


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

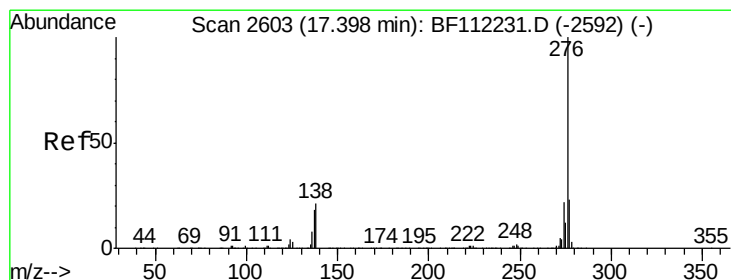
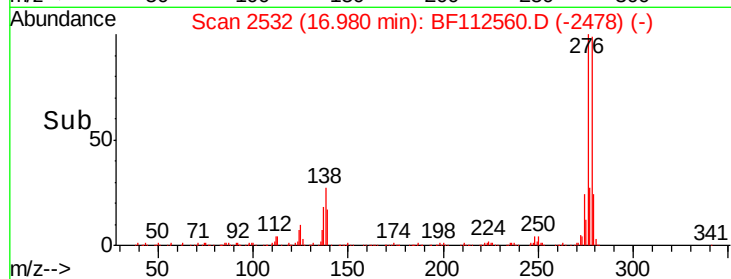
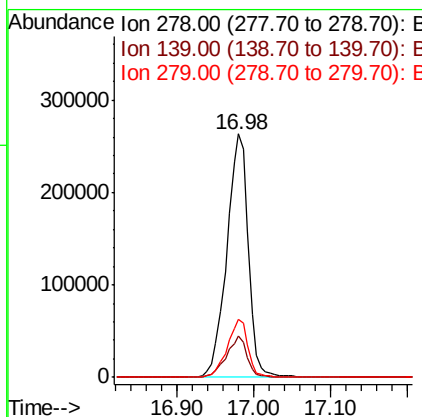
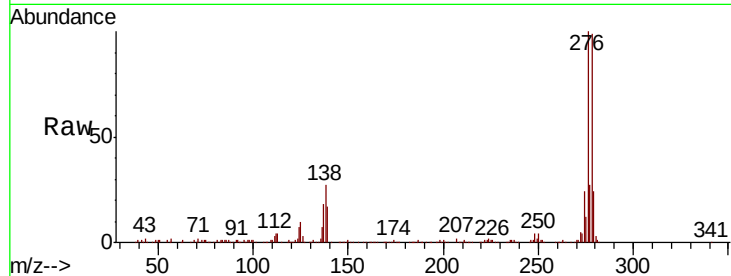




#91
Dibenzo(a,h)anthracene
Concen: 39.127 ng
RT: 16.98 min Scan# 2532
Delta R.T. 0.02 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	13.7	20.5
279	23.7	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 39.756 ng
RT: 17.43 min Scan# 2608
Delta R.T. 0.03 min
Lab File: BF112560.D
Acq: 14 Feb 2019 11:23

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.8	19.4	29.0
138	21.3	19.1	28.7

