

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF021219\
 Data File : BF112502.D
 Acq On : 12 Feb 2019 10:14
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Feb 13 03:36:09 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	175121	20.00	ng	-0.01
21) Naphthalene-d8	8.12	136	664518	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	318649	20.00	ng	-0.01
64) Phenanthrene-d10	11.36	188	578483	20.00	ng	0.00
76) Chrysene-d12	14.01	240	415057	20.00	ng	0.00
87) Perylene-d12	15.47	264	340341	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.47	112	756435	91.75	ng	-0.01
7) Phenol-d6	6.49	99	937077	81.80	ng	0.00
23) Nitrobenzene-d5	7.40	82	903113	78.31	ng	0.00
42) 2,4,6-Tribromophenol	10.67	330	290028	78.20	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	1764730	78.33	ng	-0.01
79) Terphenyl-d14	12.94	244	1806193	81.96	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.59	88	147904	45.033	ng	95
3) Pyridine	3.35	79	383249	45.873	ng	96
4) n-Nitrosodimethylamine	3.31	42	165224	47.072	ng	88
6) Aniline	6.50	93	554232	40.668	ng	# 69
8) 2-Chlorophenol	6.63	128	450207	40.592	ng	96
9) Benzaldehyde	6.39	77	244415	40.818	ng	99
10) Phenol	6.50	94	510451	40.612	ng	92
11) bis(2-Chloroethyl)ether	6.57	93	399915	40.415	ng	99
12) 1,3-Dichlorobenzene	6.77	146	511355	39.589	ng	98
13) 1,4-Dichlorobenzene	6.85	146	513124	38.600	ng	98
14) 1,2-Dichlorobenzene	7.00	146	479753	38.546	ng	95
15) Benzyl Alcohol	6.99	79	370072	38.320	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.11	45	495737	39.019	ng	# 52
17) 2-Methylphenol	7.10	107	339141	38.573	ng	# 87
18) Hexachloroethane	7.35	117	184822	39.593	ng	91
19) n-Nitroso-di-n-propylamine	7.25	70	308848	39.097	ng	99
20) 3+4-Methylphenols	7.26	107	445572	39.631	ng	# 76
22) Acetophenone	7.25	105	636966	39.365	ng	# 98
24) Nitrobenzene	7.42	77	451806	39.226	ng	98
25) Isophorone	7.66	82	712219	39.365	ng	99
26) 2-Nitrophenol	7.74	139	246835	40.101	ng	94
27) 2,4-Dimethylphenol	7.78	122	335714	39.586	ng	94
28) bis(2-Chloroethoxy)methane	7.86	93	488768	39.675	ng	98
29) 2,4-Dichlorophenol	7.99	162	383880	40.449	ng	98
30) 1,2,4-Trichlorobenzene	8.06	180	433787	39.764	ng	98
31) Naphthalene	8.14	128	1216033	39.131	ng	99
32) Benzoic acid	7.93	122	183888	38.013	ng	99
33) 4-Chloroaniline	8.19	127	521862	38.568	ng	98
34) Hexachlorobutadiene	8.25	225	256341	40.044	ng	99
35) Caprolactam	8.58	113	121427	36.269	ng	98
36) 4-Chloro-3-methylphenol	8.69	107	382910	38.113	ng	96
37) 2-Methylnaphthalene	8.83	142	823670	38.718	ng	97
38) 1-Methylnaphthalene	8.93	142	783294	38.414	ng	97
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	417612	39.916	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.98	237	136239	39.781	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	253886	39.368	ng	98
44) 2,4,5-Trichlorophenol	9.17	196	261199	38.753	ng	96
46) 1,1'-Biphenyl	9.29	154	1099650	39.474	ng	99
47) 2-Chloronaphthalene	9.32	162	853153	39.493	ng	95
48) 2-Nitroaniline	9.42	65	229432	38.966	ng	90
49) Acenaphthylene	9.74	152	1215084	38.376	ng	98
50) Dimethylphthalate	9.59	163	944232	38.139	ng	99
51) 2,6-Dinitrotoluene	9.66	165	212554	38.335	ng #	78
52) Acenaphthene	9.91	154	730876	38.641	ng	99
53) 3-Nitroaniline	9.84	138	226406	37.690	ng	91
54) 2,4-Dinitrophenol	9.96	184	55704	31.304	ng	92
55) Dibenzofuran	10.08	168	1088697	37.665	ng	93
56) 4-Nitrophenol	10.02	139	121707	38.323	ng	92
57) 2,4-Dinitrotoluene	10.07	165	263198	37.286	ng #	74
58) Fluorene	10.42	166	843511	38.997	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	191052	37.508	ng #	89
60) Diethylphthalate	10.29	149	945003	38.463	ng	98
61) 4-Chlorophenyl-phenylether	10.41	204	456000	38.755	ng	91
62) 4-Nitroaniline	10.46	138	207407	35.201	ng	93
63) Azobenzene	10.57	77	847908	39.241	ng	96
65) 4,6-Dinitro-2-methylphenol	10.49	198	116475	35.912	ng	94
66) n-Nitrosodiphenylamine	10.53	169	794837	40.768	ng	100
67) 4-Bromophenyl-phenylether	10.90	248	276812	40.685	ng	96
68) Hexachlorobenzene	10.98	284	291858	39.982	ng	99
69) Atrazine	11.06	200	218347	34.708	ng	96
70) Pentachlorophenol	11.18	266	102912	36.232	ng	99
71) Phenanthrene	11.39	178	1170115	38.907	ng	99
72) Anthracene	11.44	178	1192447	39.804	ng	100
73) Carbazole	11.60	167	1161270	39.297	ng	99
74) Di-n-butylphthalate	11.91	149	1461097	39.834	ng	99
75) Fluoranthene	12.57	202	1184142	36.710	ng	99
77) Benzidine	12.69	184	343817	30.097	ng	96
78) Pyrene	12.81	202	1188351	41.354	ng	98
80) Butylbenzylphthalate	13.41	149	580780	41.773	ng	96
81) Benzo(a)anthracene	14.00	228	966064	39.594	ng	97
82) 3,3'-Dichlorobenzidine	13.95	252	360932	39.527	ng	98
83) Chrysene	14.03	228	930558	39.955	ng	98
84) Bis(2-ethylhexyl)phthalate	13.96	149	796409	40.355	ng #	96
85) Di-n-octyl phthalate	14.57	149	1187631	39.114	ng	98
86) Indeno(1,2,3-cd)pyrene	16.97	276	760472	41.207	ng	97
88) Benzo(b)fluoranthene	15.05	252	790427	38.834	ng	99
89) Benzo(k)fluoranthene	15.08	252	777780	39.894	ng	97
90) Benzo(a)pyrene	15.42	252	721727	39.408	ng	99
91) Dibenzo(a,h)anthracene	16.97	278	640497	43.393	ng	96
92) Benzo(g,h,i)perylene	17.42	276	614737	44.144	ng	96

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

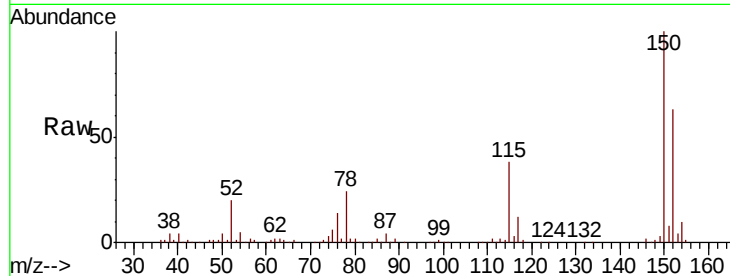


#1

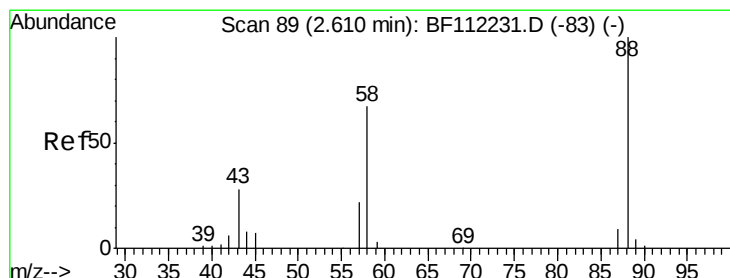
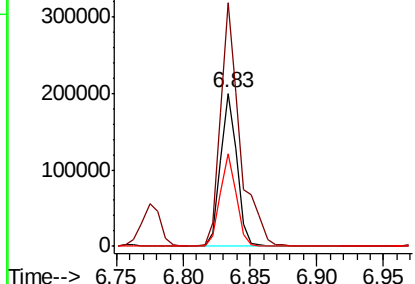
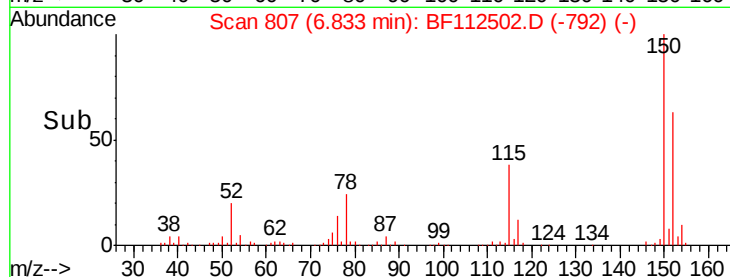
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.83 min Scan# 807
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 175121
Ion Ratio Lower Upper
152 100
150 159.0 127.4 191.0
115 60.7 45.5 68.3



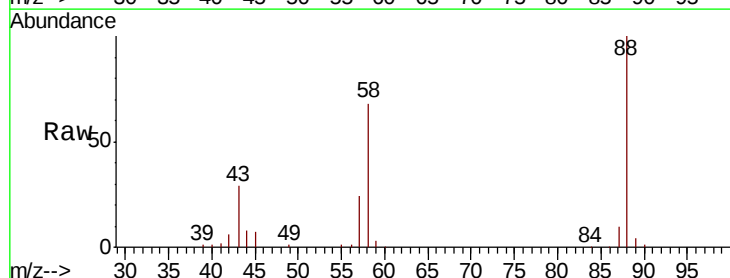
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



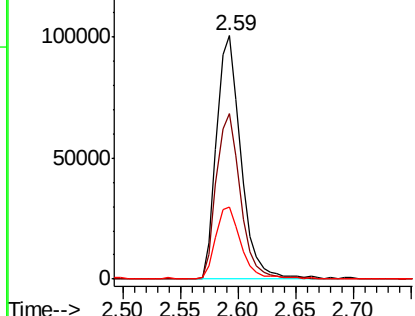
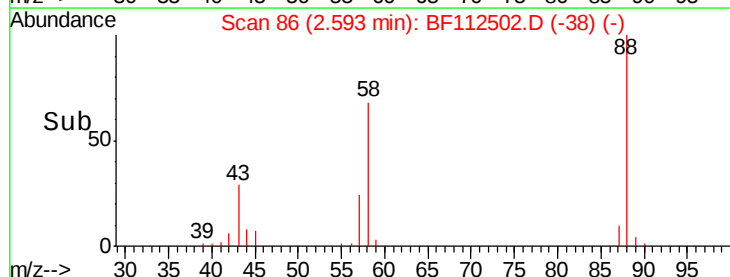
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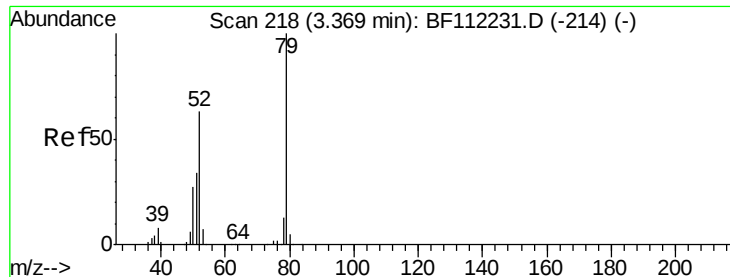
1,4-Dioxane
Concen: 45.033 ng
RT: 2.59 min Scan# 86
Delta R.T. -0.02 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion: 88 Resp: 147904
Ion Ratio Lower Upper
88 100
58 67.3 57.4 86.2
43 30.9 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

Pyridine

Concen: 45.873 ng

RT: 3.35 min Scan# 214

Delta R.T. -0.02 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

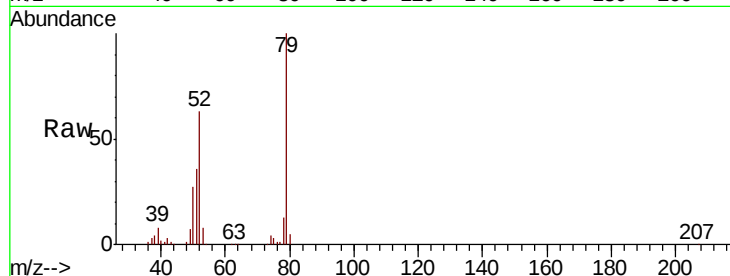
Tgt Ion: 79 Resp: 383249

Ion Ratio Lower Upper

79 100

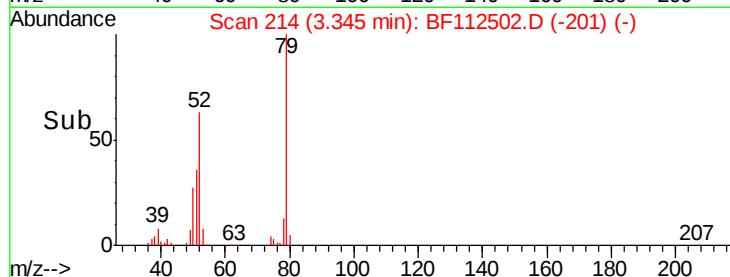
52 63.3 52.4 78.6

51 35.9 26.1 39.1

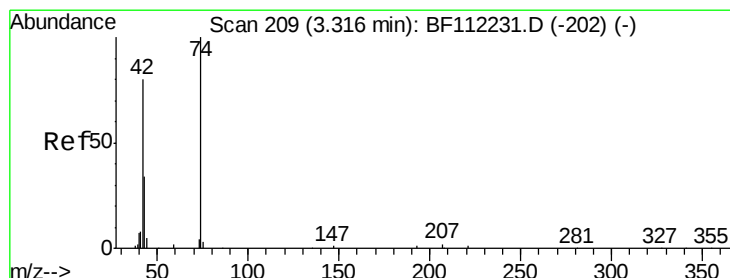


Abundance Ion 79.00 (78.70 to 79.70): BF1
Ion 52.00 (51.70 to 52.70): BF1
Ion 51.00 (50.70 to 51.70): BF1

3.35



Time-->



#4

n-Nitrosodimethylamine

Concen: 47.072 ng

RT: 3.31 min Scan# 208

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

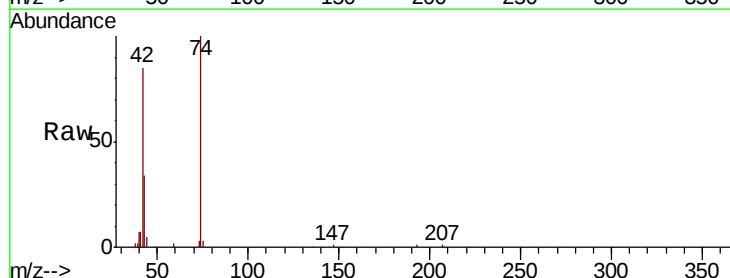
Tgt Ion: 42 Resp: 165224

Ion Ratio Lower Upper

42 100

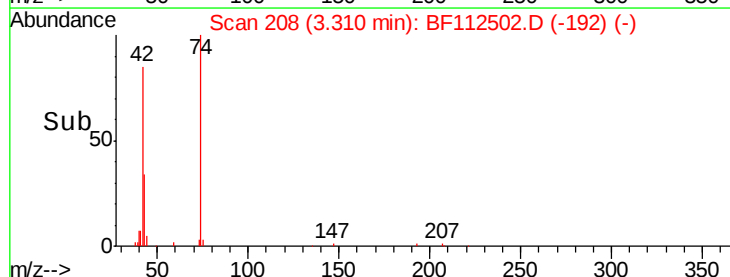
74 117.7 105.6 158.4

44 5.5 5.4 8.2

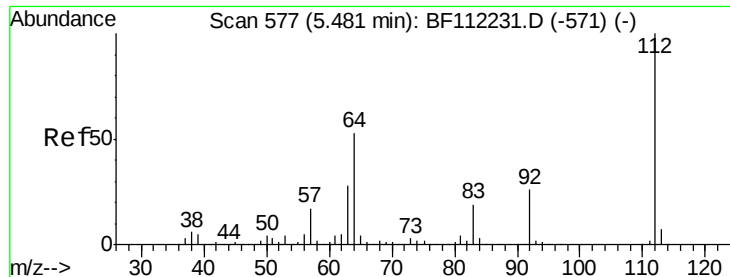


Abundance Ion 42.00 (41.70 to 42.70): BF1
Ion 74.00 (73.70 to 74.70): BF1
Ion 44.00 (43.70 to 44.70): BF1

3.31



Time-->



#5

2-Fluorophenol

Concen: 91.749 ng

RT: 5.47 min Scan# 575

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

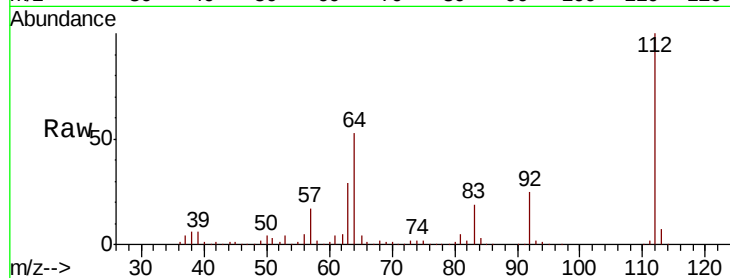
Tgt Ion: 112 Resp: 756435

Ion Ratio Lower Upper

112 100

64 53.5 45.7 68.5

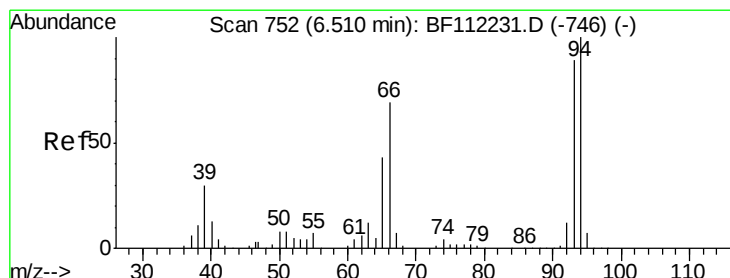
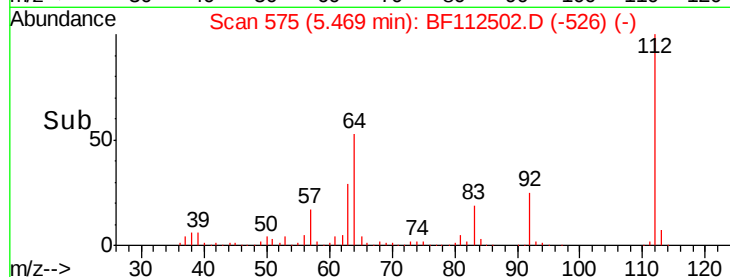
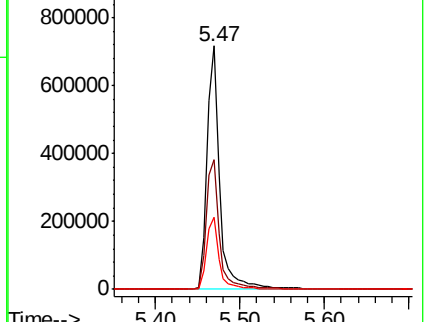
63 29.4 23.6 35.4



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: 40.668 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

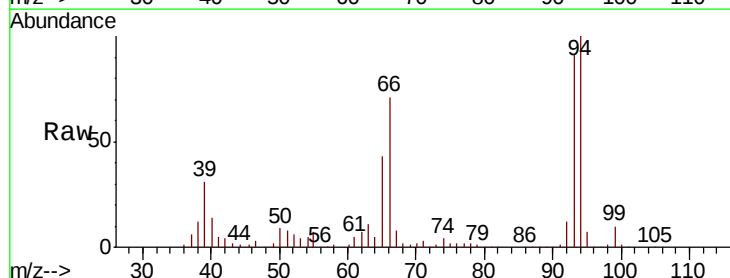
Tgt Ion: 93 Resp: 554232

Ion Ratio Lower Upper

93 100

66 78.4 43.4 65.2#

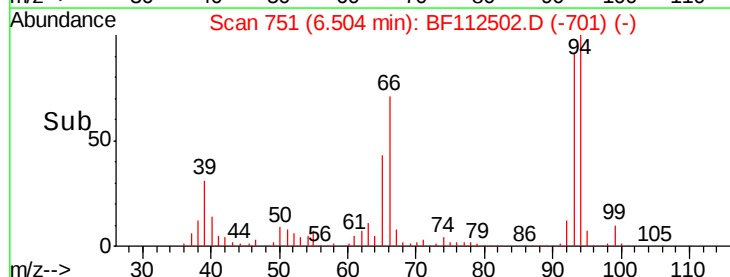
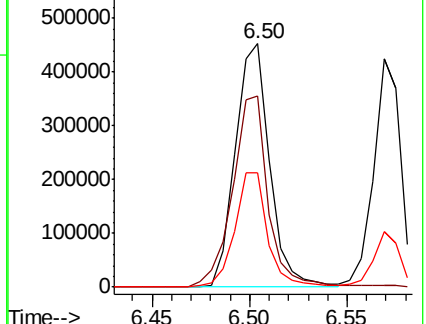
65 47.0 25.3 37.9#

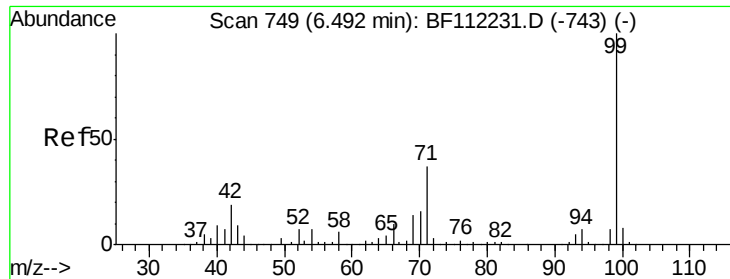


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 81.796 ng

RT: 6.49 min Scan# 748

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

Instrument :

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ClientSampleId :

SSTDCCC040

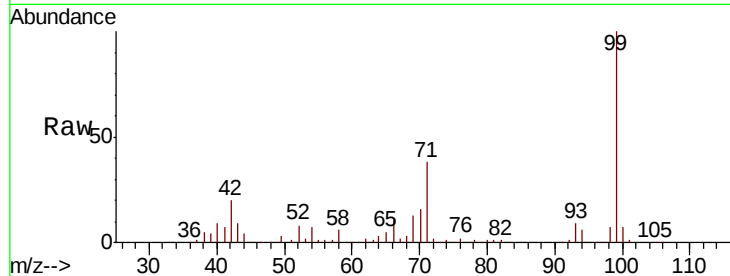
Tgt Ion: 99 Resp: 937077

Ion Ratio Lower Upper

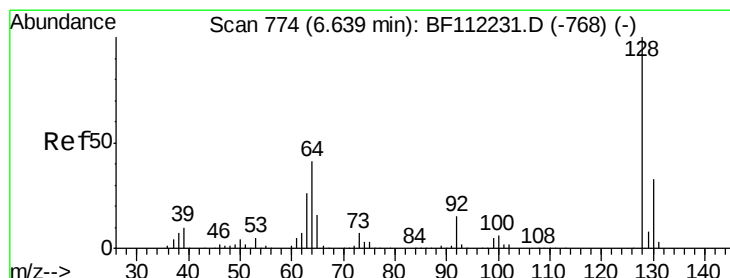
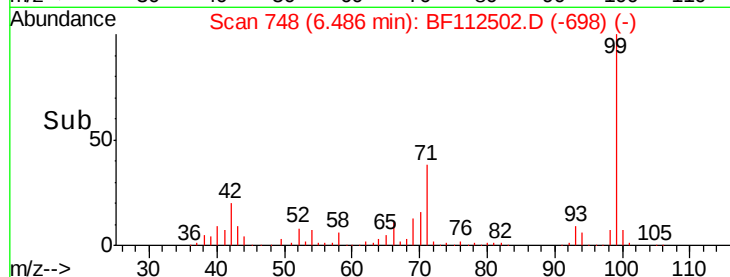
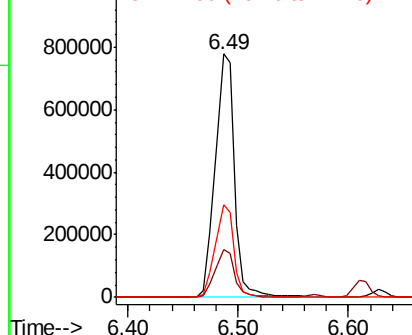
99 100

42 19.8 15.1 22.7

71 38.0 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: 40.592 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

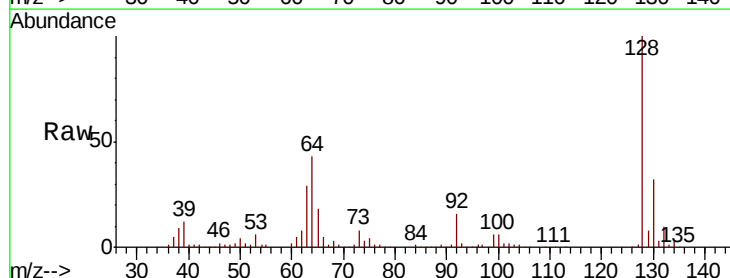
Tgt Ion: 128 Resp: 450207

Ion Ratio Lower Upper

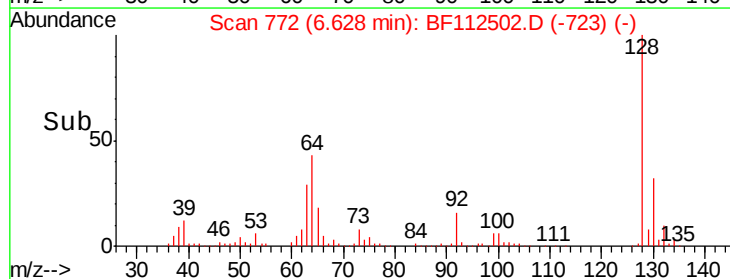
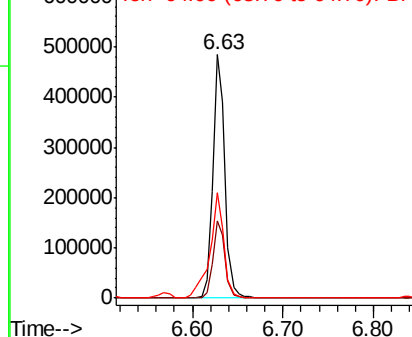
128 100

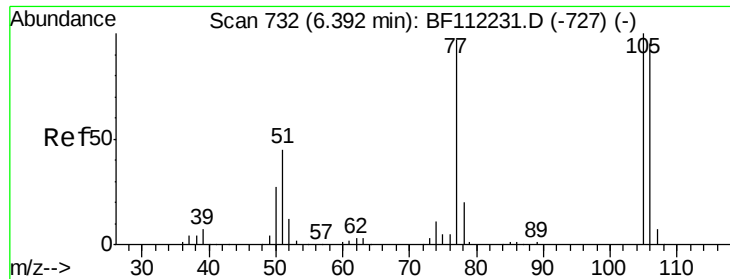
130 32.0 13.4 53.4

64 43.2 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: 40.818 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

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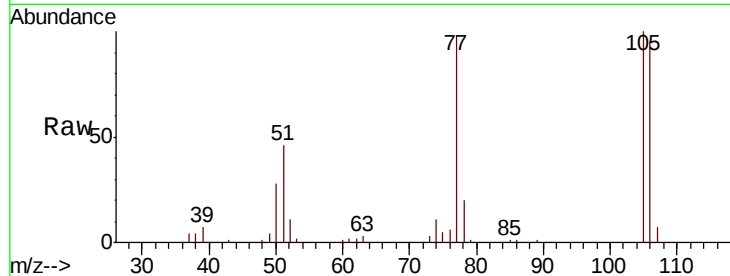
Tgt Ion: 77 Resp: 244415

Ion Ratio Lower Upper

77 100

105 102.3 80.8 120.8

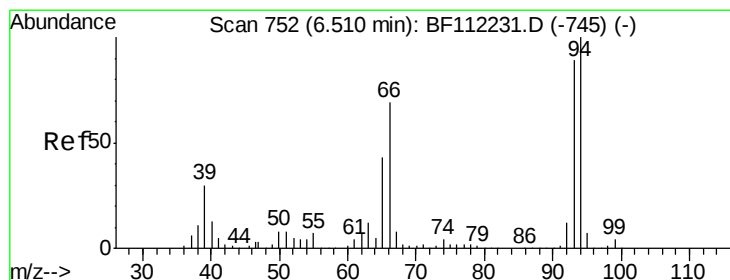
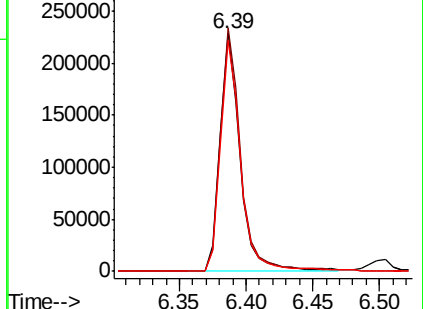
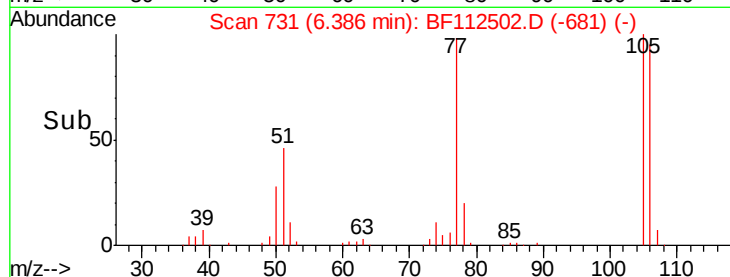
106 96.8 75.7 115.7



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: 40.612 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

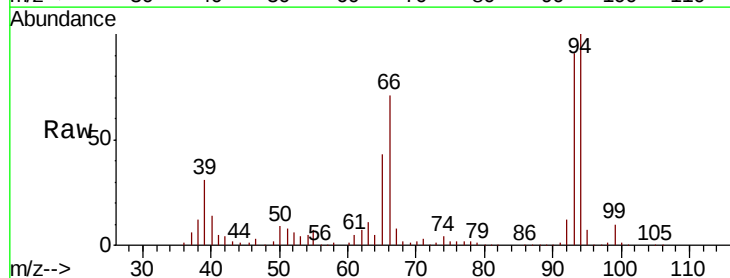
Tgt Ion: 94 Resp: 510451

Ion Ratio Lower Upper

94 100

65 42.7 20.3 60.3

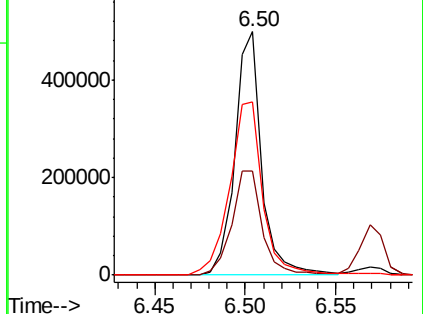
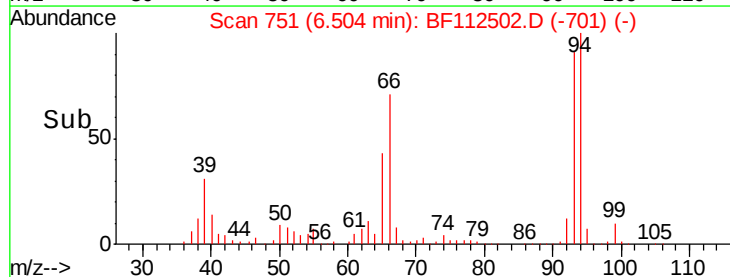
66 71.2 42.4 82.4

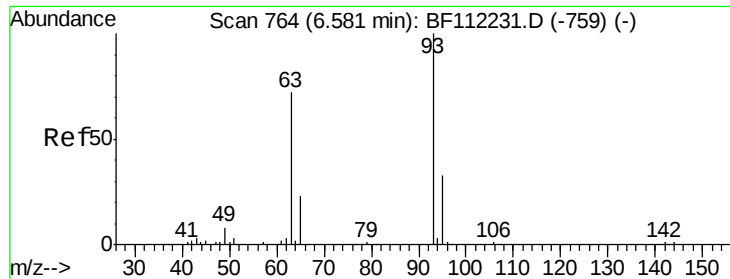


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

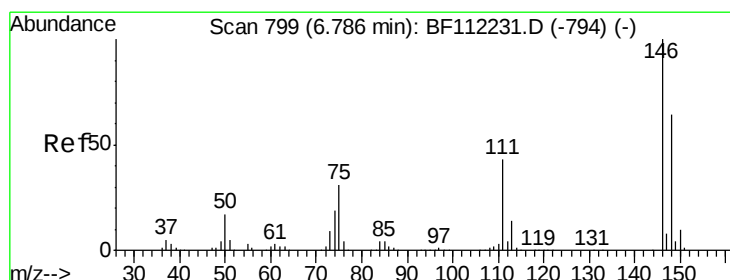
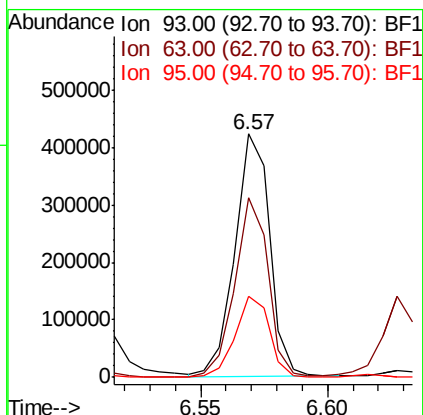
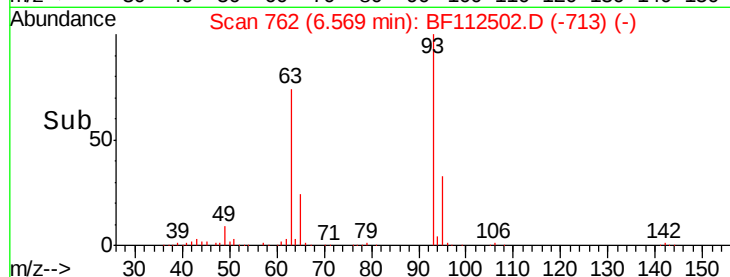
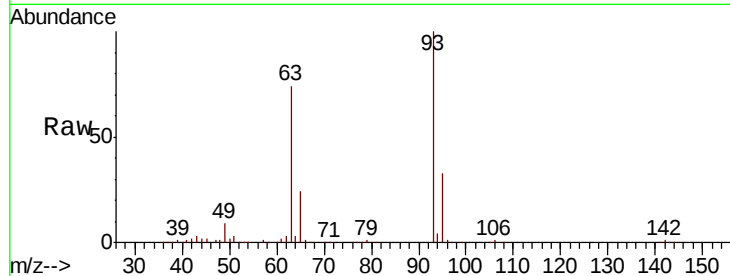




#11
bis(2-Chloroethyl)ether
Concen: 40.415 ng
RT: 6.57 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

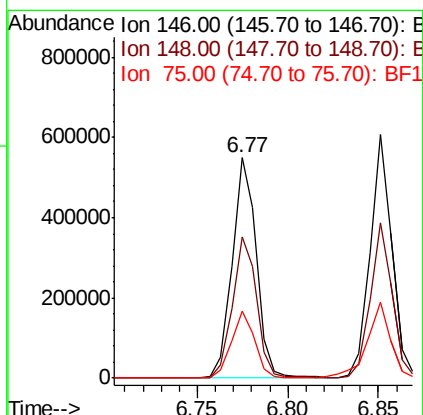
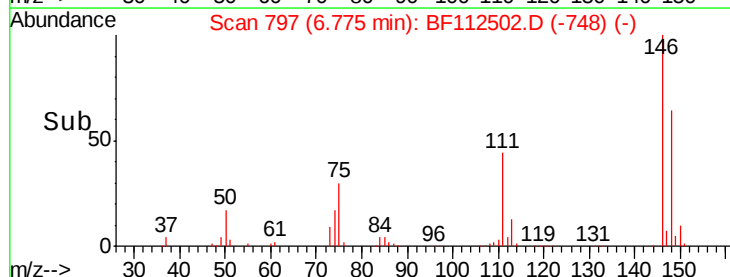
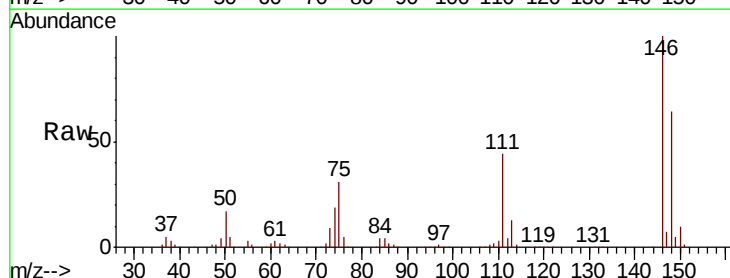
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

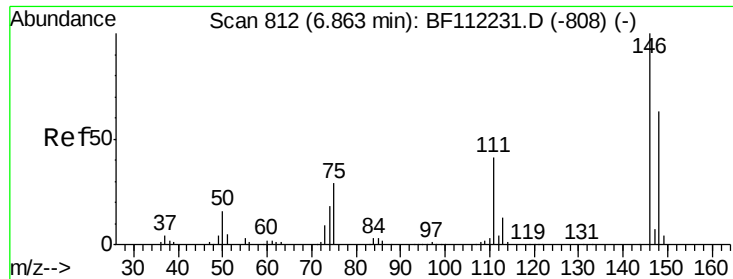
Tgt Ion: 93 Resp: 399915
Ion Ratio Lower Upper
93 100
63 73.8 53.3 93.3
95 33.2 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 39.589 ng
RT: 6.77 min Scan# 797
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion: 146 Resp: 511355
Ion Ratio Lower Upper
146 100
148 64.2 51.8 77.8
75 30.6 23.1 34.7

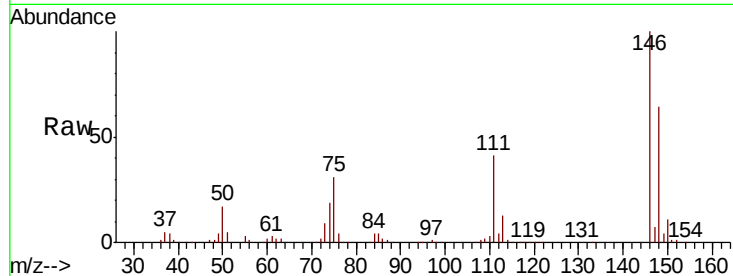




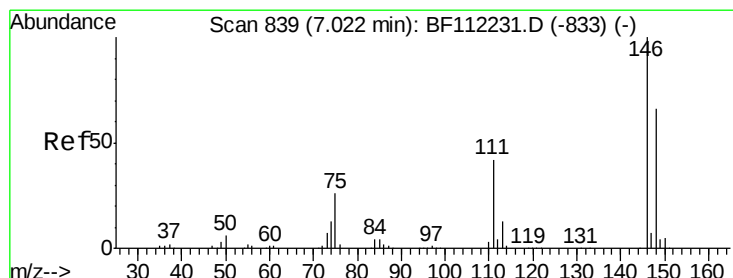
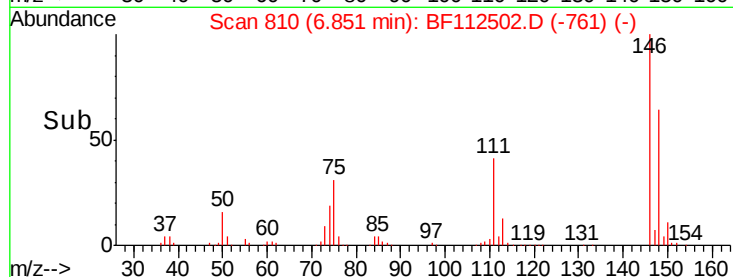
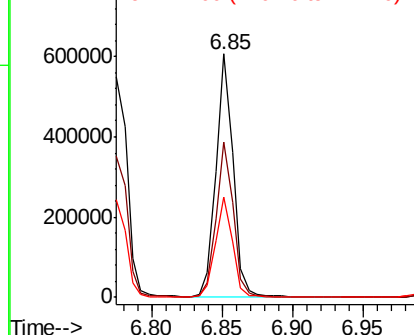
#13
 1,4-Dichlorobenzene
 Concen: 38.600 ng
 RT: 6.85 min Scan# 810
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:146 Resp: 513124
 Ion Ratio Lower Upper
 146 100
 148 63.6 52.0 78.0
 111 41.0 31.2 46.8

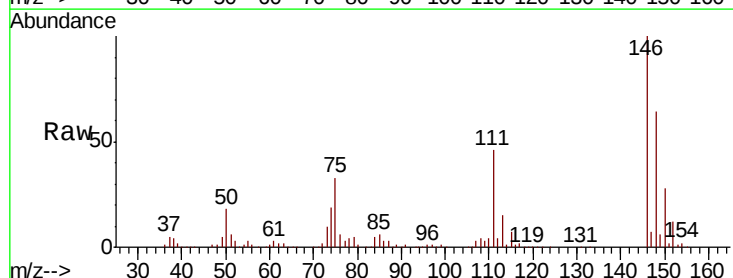


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

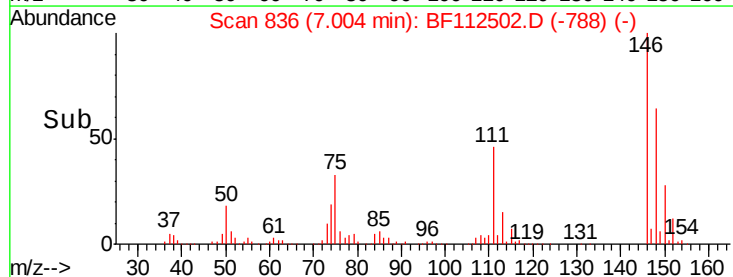
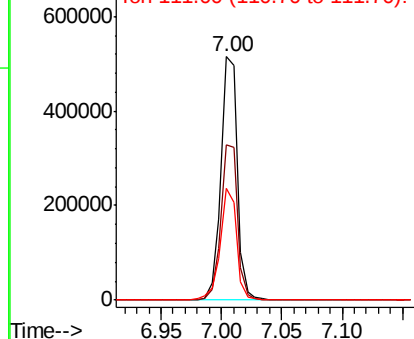


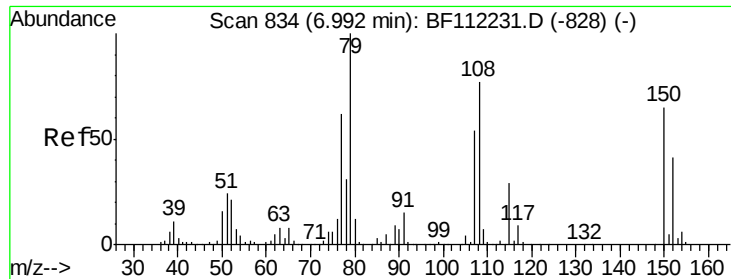
#14
 1,2-Dichlorobenzene
 Concen: 38.546 ng
 RT: 7.00 min Scan# 836
 Delta R.T. -0.02 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Tgt Ion:146 Resp: 479753
 Ion Ratio Lower Upper
 146 100
 148 63.9 52.2 78.4
 111 46.1 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

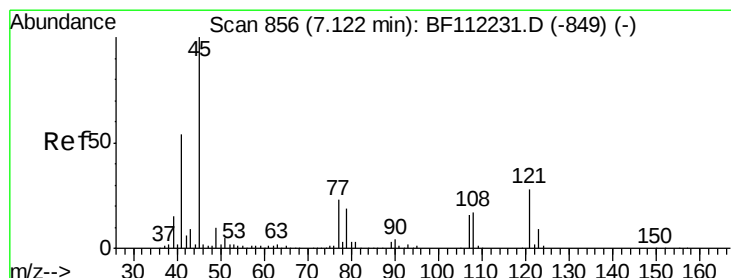
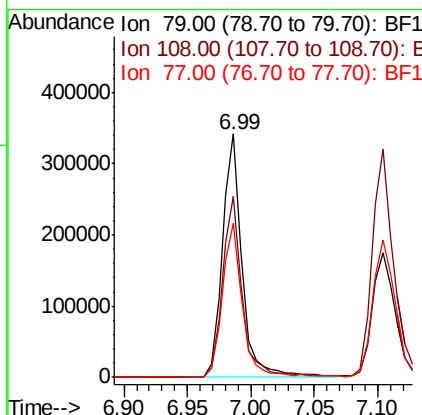
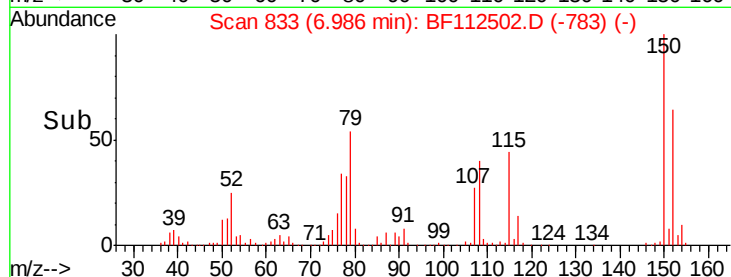
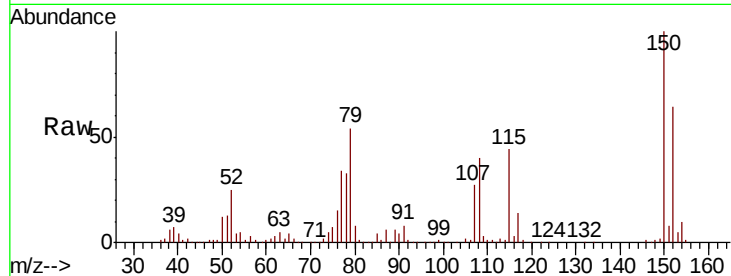




#15
Benzyl Alcohol
Concen: 38.320 ng
RT: 6.99 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

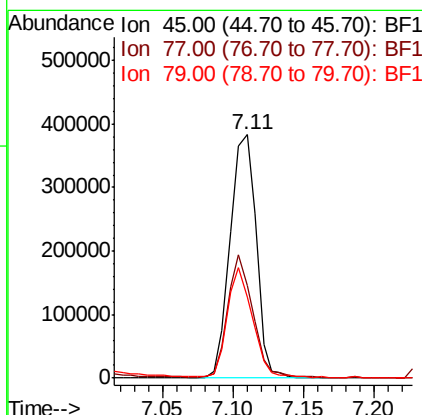
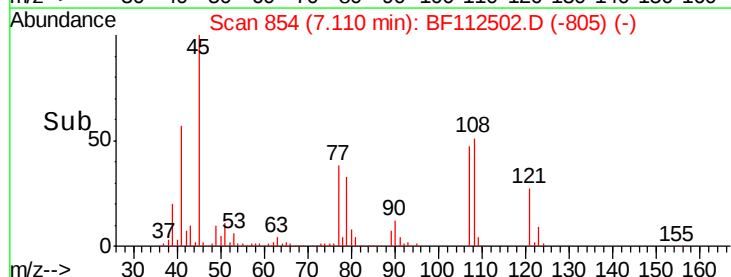
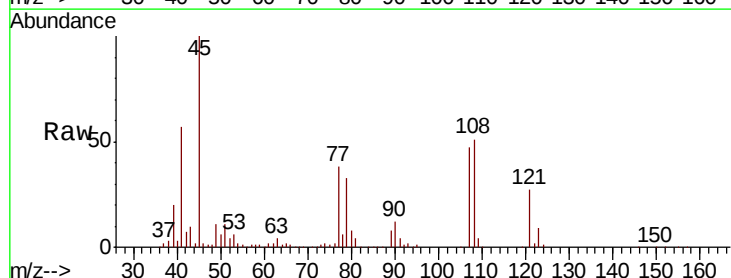
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

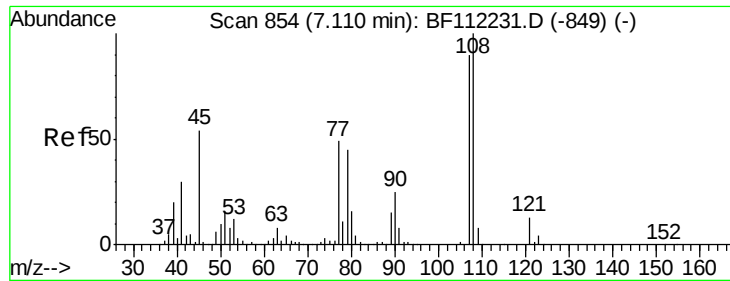
Tgt Ion: 79 Resp: 370072
Ion Ratio Lower Upper
79 100
108 74.1 64.2 96.2
77 63.5 50.3 75.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 39.019 ng
RT: 7.11 min Scan# 854
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion: 45 Resp: 495737
Ion Ratio Lower Upper
45 100
77 37.8 0.0 36.9#
79 33.5 0.0 34.0

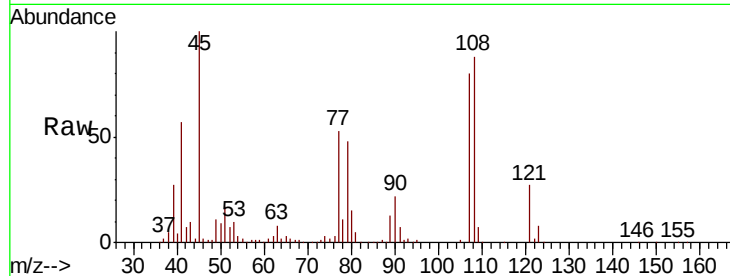




#17
2-Methylphenol
Concen: 38.573 ng
RT: 7.10 min Scan# 853
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
107	100		
108	109.2	91.3	136.9
77	65.8	39.0	58.6
79	59.4	37.0	55.4



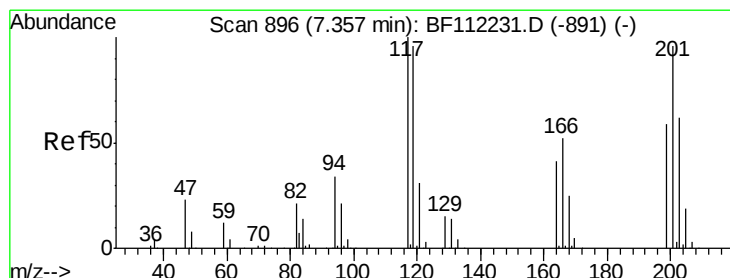
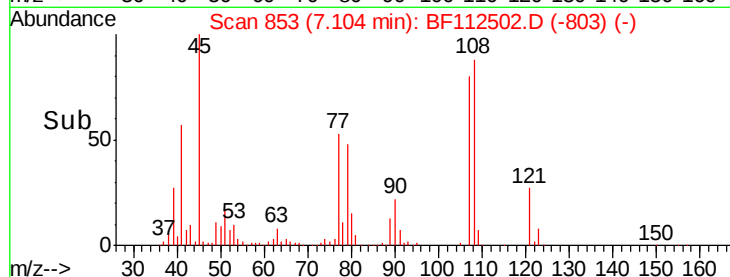
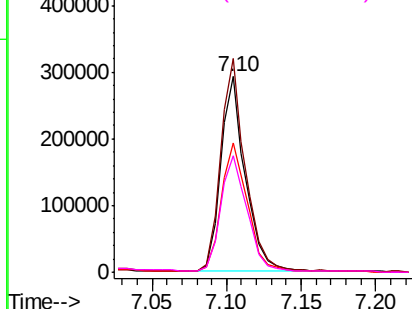
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

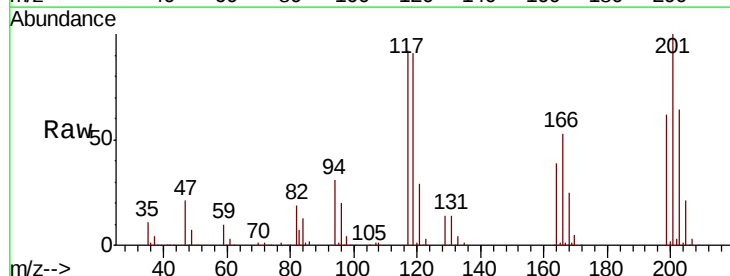
Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18
Hexachloroethane
Concen: 39.593 ng
RT: 7.35 min Scan# 894
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion	Ratio	Lower	Upper
117	100		
119	98.8	77.0	115.4
201	108.3	74.1	111.1

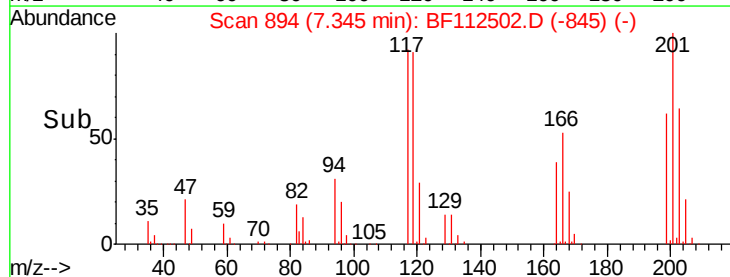
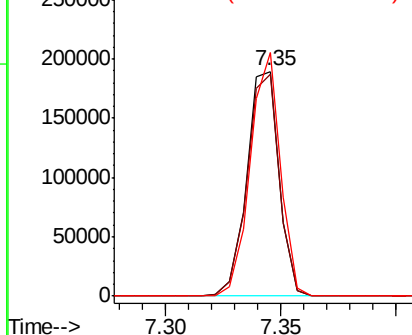


Abundance

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

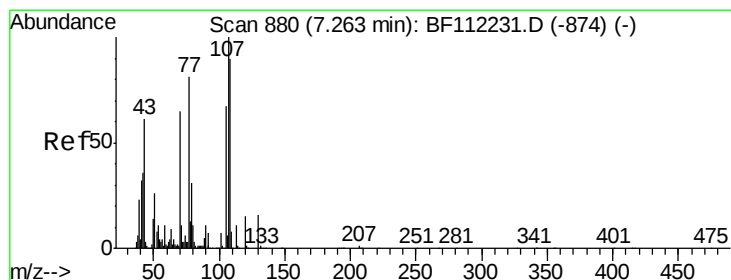
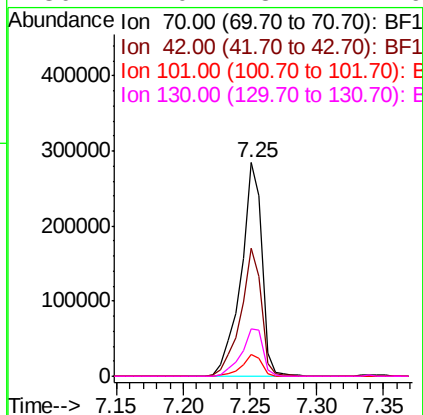
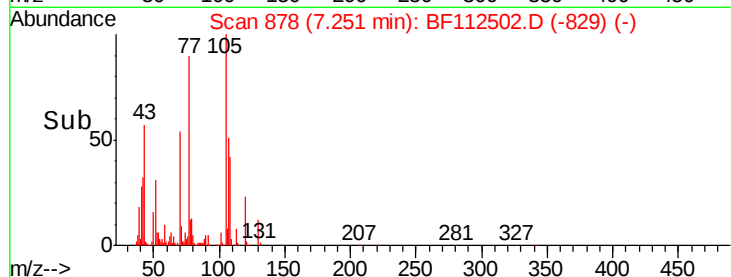
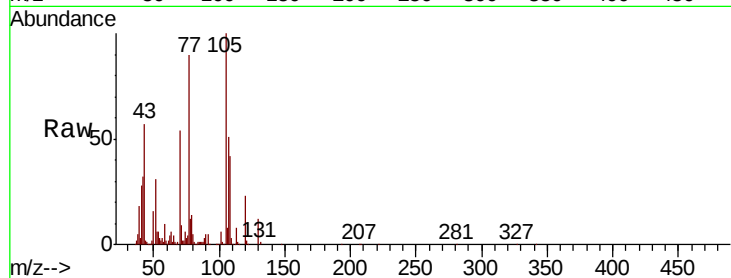




#19
n-Nitroso-di-n-propylamine
Concen: 39.097 ng
RT: 7.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

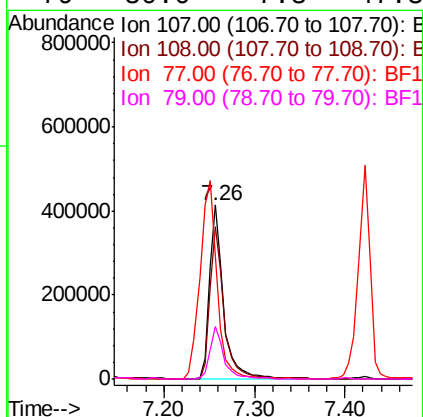
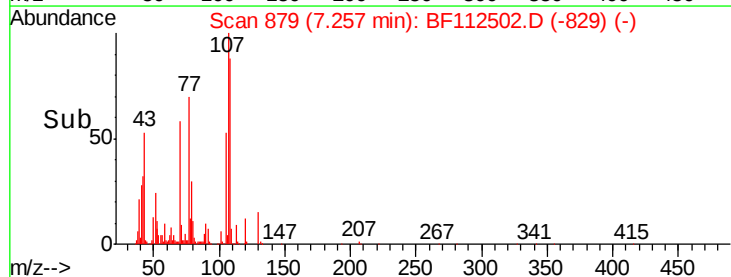
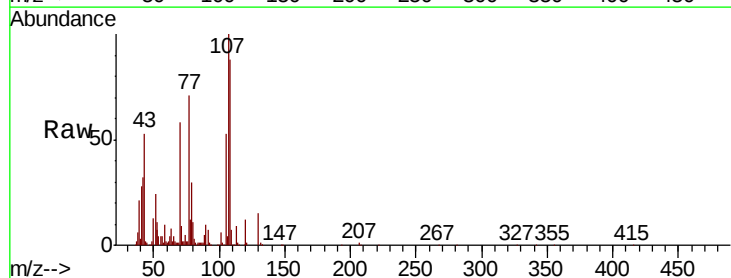
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

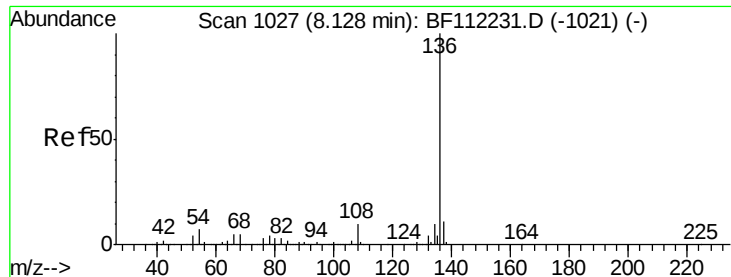
Tgt Ion:	70	Resp:	308848
Ion	Ratio	Lower	Upper
70	100		
42	59.8	47.6	71.4
101	10.2	7.9	11.9
130	22.0	18.4	27.6



#20
3+4-Methylphenols
Concen: 39.631 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion:	107	Resp:	445572
Ion	Ratio	Lower	Upper
107	100		
108	87.6	68.2	108.2
77	70.6	100.7	140.7#
79	30.0	7.3	47.3





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:136 Resp: 664518

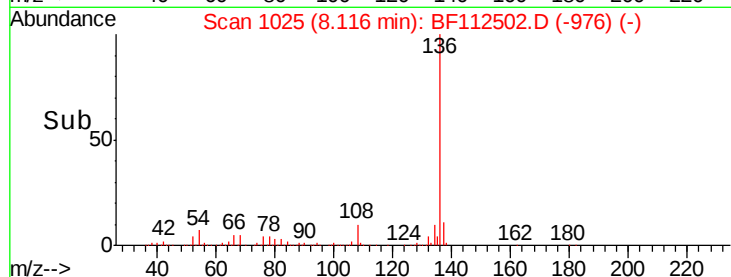
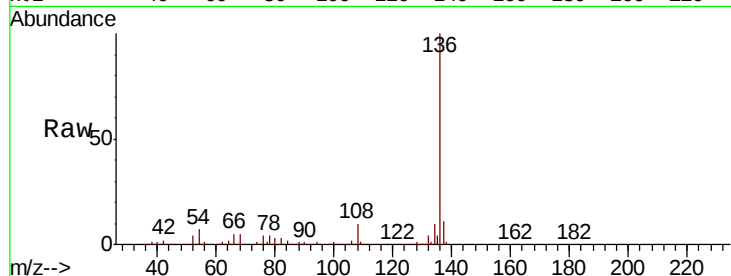
Ion Ratio Lower Upper

136 100

137 10.7 9.1 13.7

54 6.8 5.9 8.9

68 4.6 5.1 7.7#



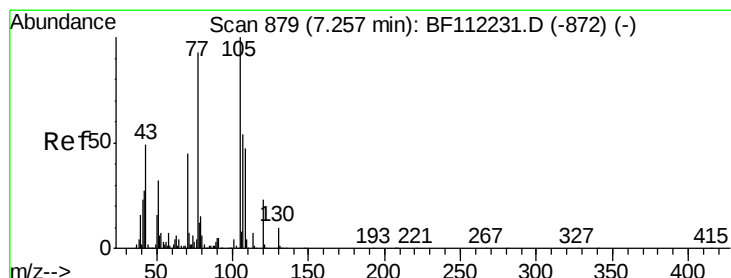
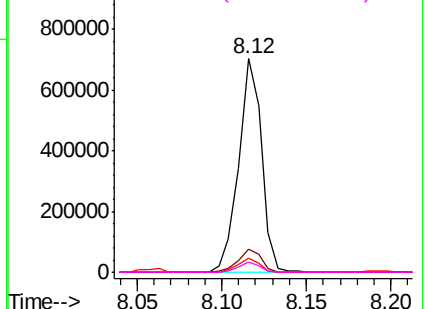
Abundance

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: 39.365 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

Tgt Ion:105 Resp: 636966

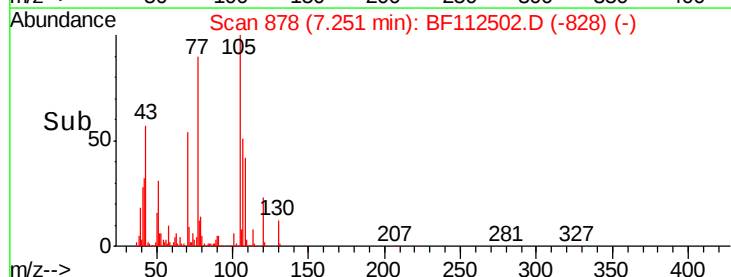
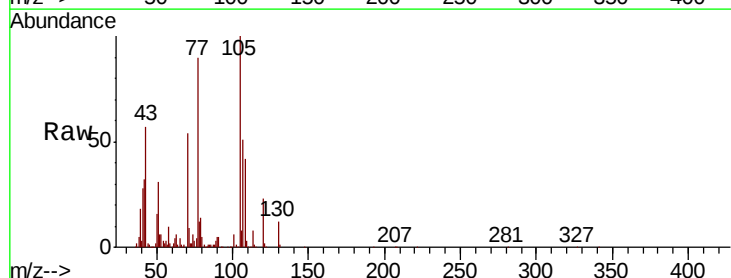
Ion Ratio Lower Upper

105 100

71 9.2 4.6 6.8#

51 31.2 25.0 37.6

120 22.7 19.0 28.4



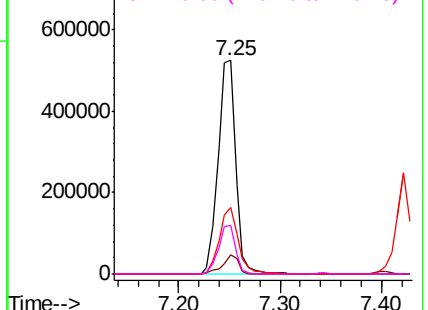
Abundance

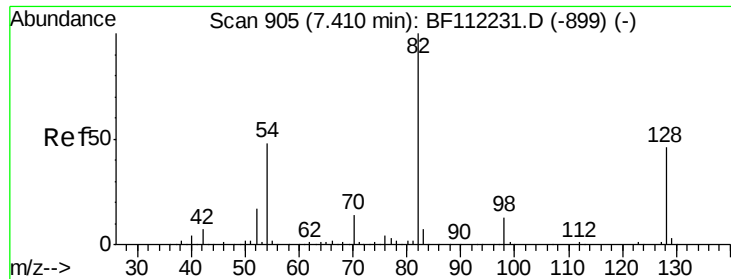
Ion 105.00 (104.70 to 105.70): E

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

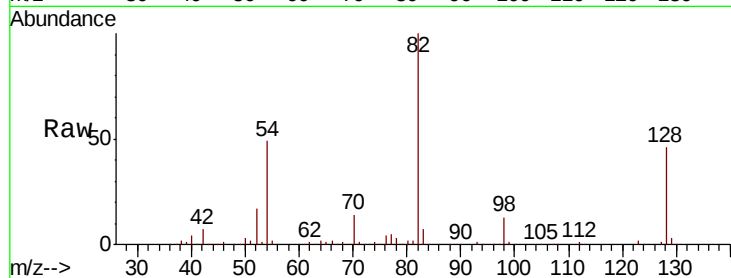




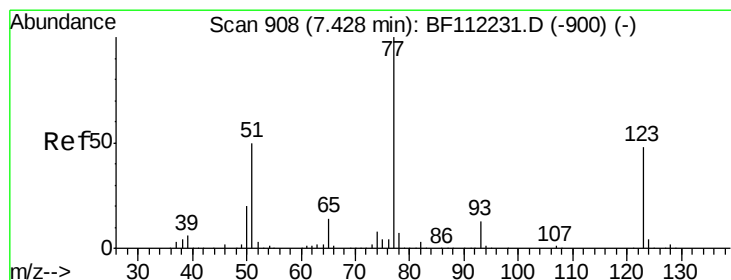
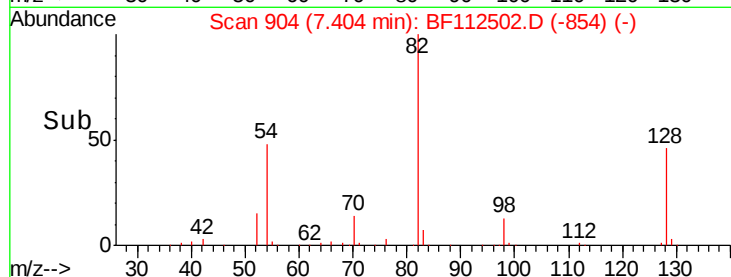
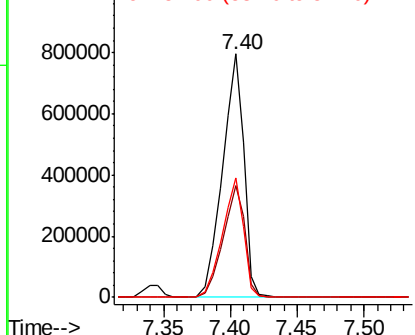
#23
Nitrobenzene-d5
Concen: 78.308 ng
RT: 7.40 min Scan# 904
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
82	100		
128	46.0	37.8	56.8
54	49.0	39.7	59.5

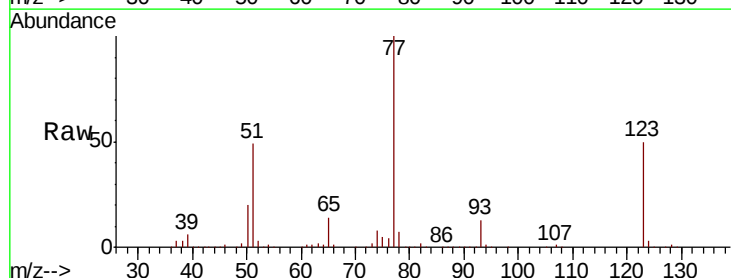


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

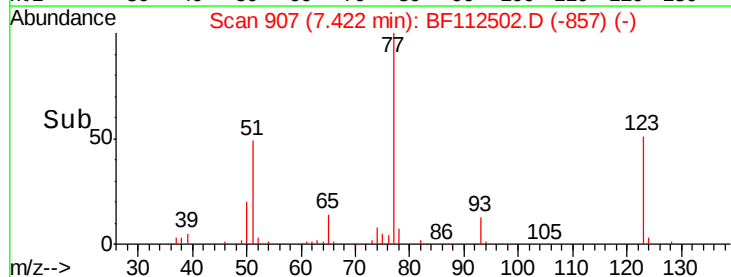
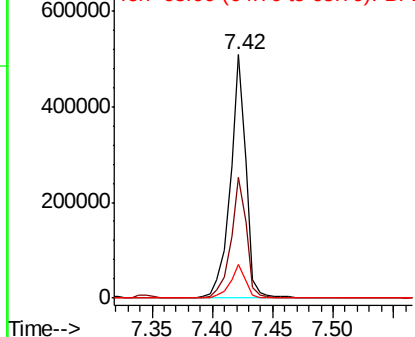


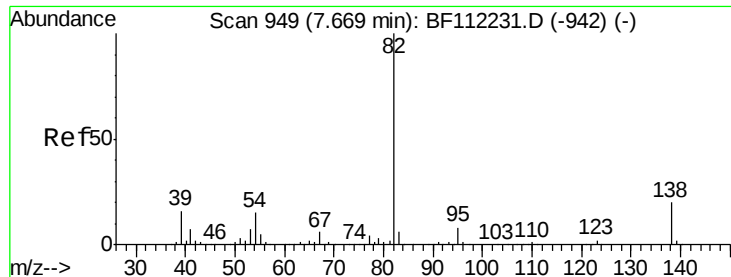
#24
Nitrobenzene
Concen: 39.226 ng
RT: 7.42 min Scan# 907
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.7	38.4	57.6
65	14.0	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: 39.365 ng

RT: 7.66 min Scan# 947

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

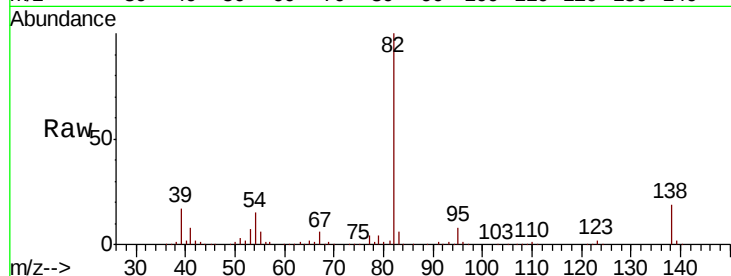
Tgt Ion: 82 Resp: 712219

Ion Ratio Lower Upper

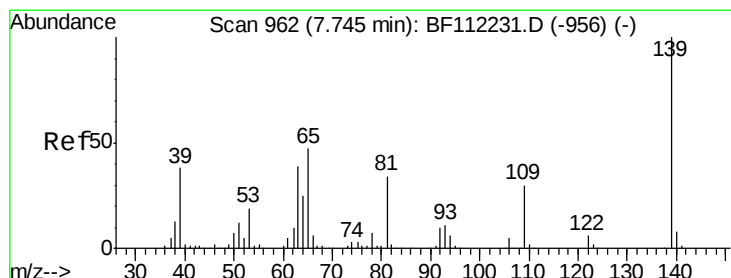
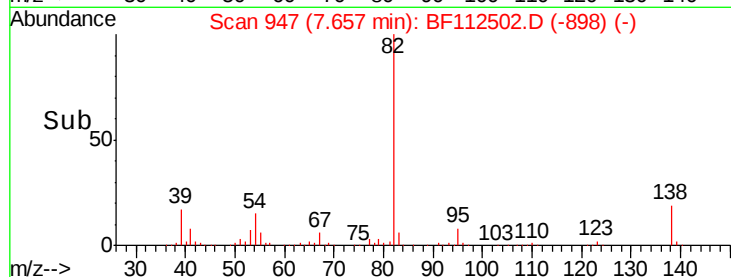
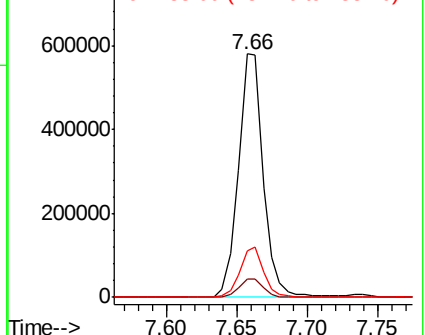
82 100

95 7.7 5.7 8.5

138 19.1 15.4 23.0



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 40.101 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

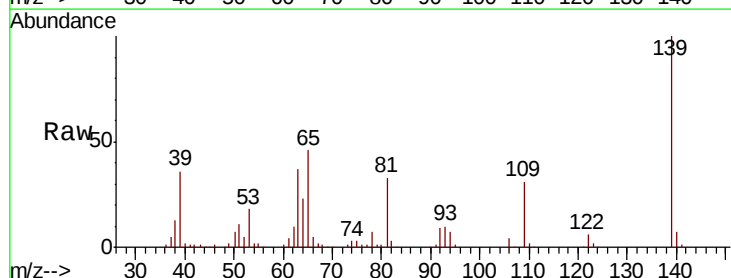
Tgt Ion: 139 Resp: 246835

Ion Ratio Lower Upper

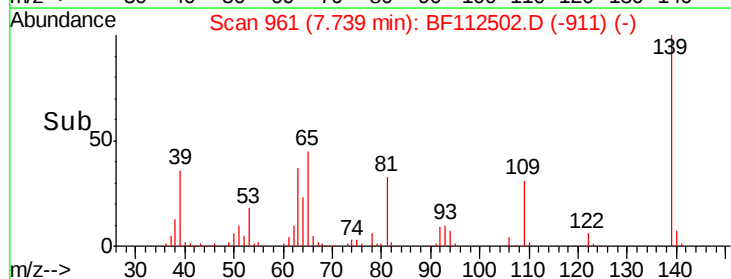
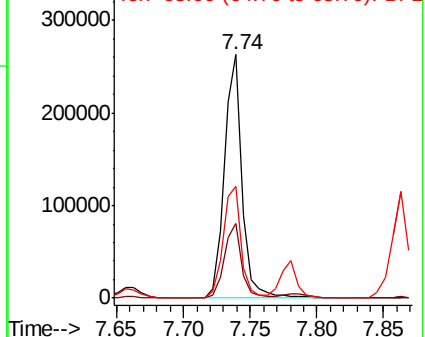
139 100

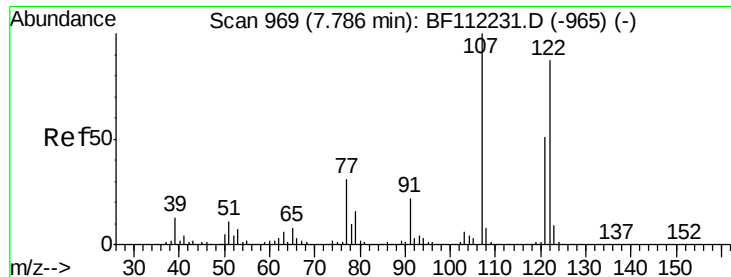
109 30.8 20.8 31.2

65 45.7 34.4 51.6



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

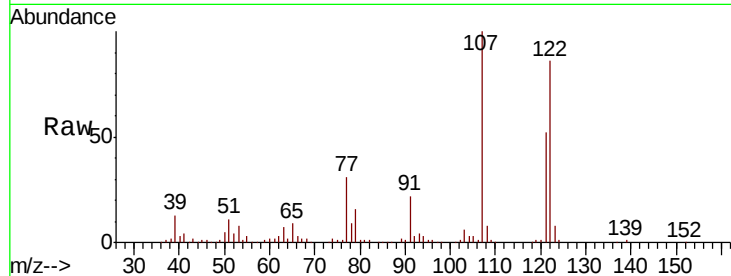




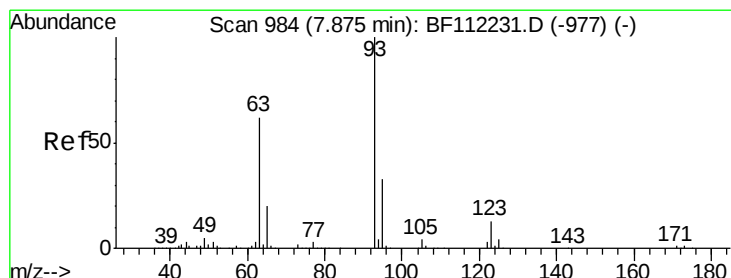
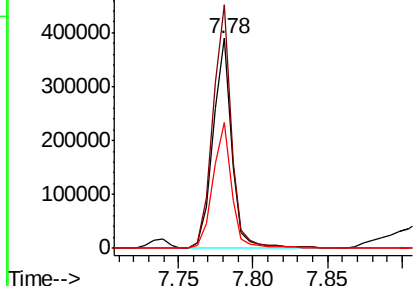
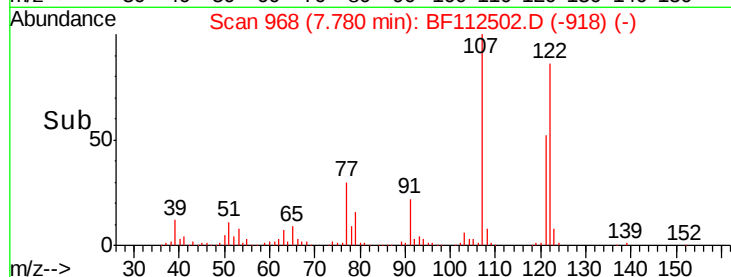
#27
2,4-Dimethylphenol
Concen: 39.586 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:122 Resp: 335714
Ion Ratio Lower Upper
122 100
107 115.9 85.4 128.0
121 60.0 47.0 70.4

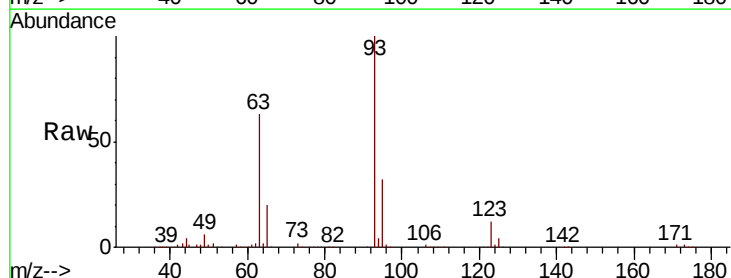


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

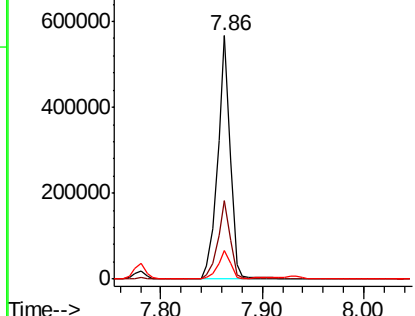
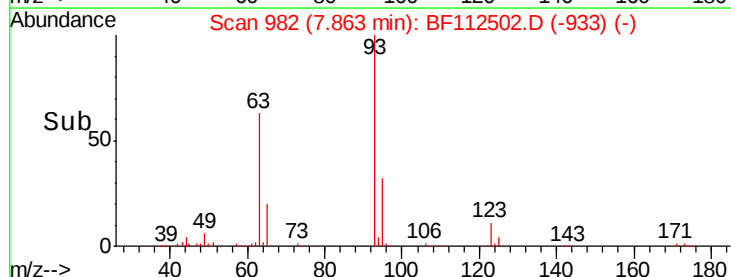


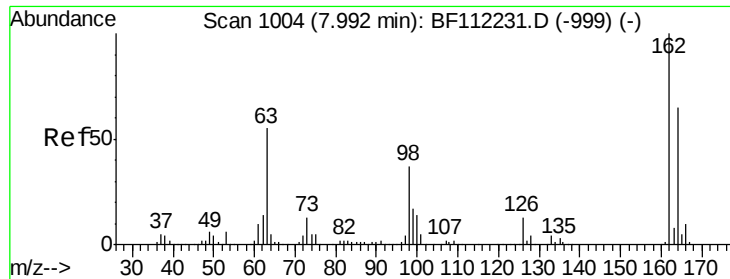
#28
bis(2-Chloroethoxy)methane
Concen: 39.675 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion: 93 Resp: 488768
Ion Ratio Lower Upper
93 100
95 32.4 26.8 40.2
123 11.6 10.2 15.2



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

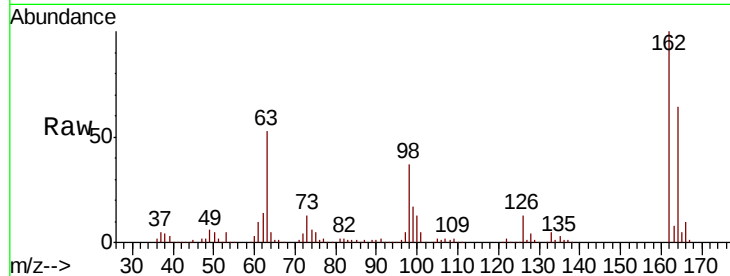




#29
 2,4-Dichlorophenol
 Concen: 40.449 ng
 RT: 7.99 min Scan# 1003
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
164	64.3	44.6	84.6
98	37.0	14.6	54.6

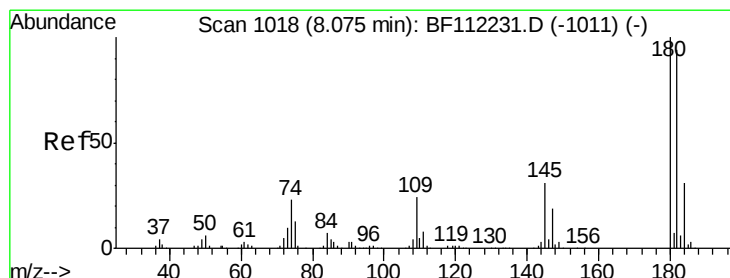
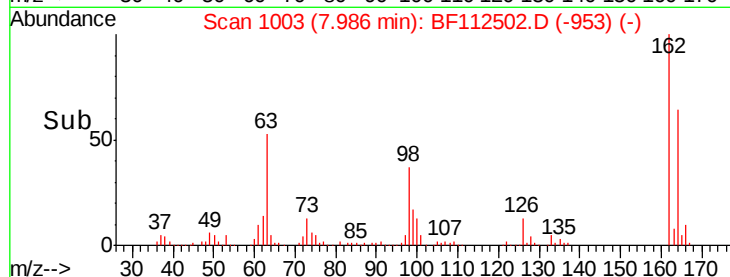
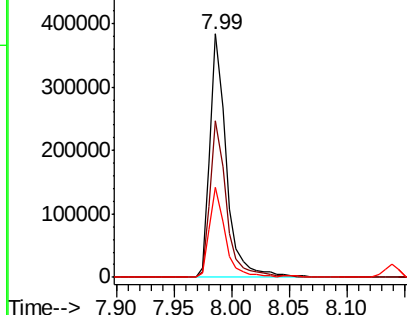


Abundance

Ion 162.00 (161.70 to 162.70): E

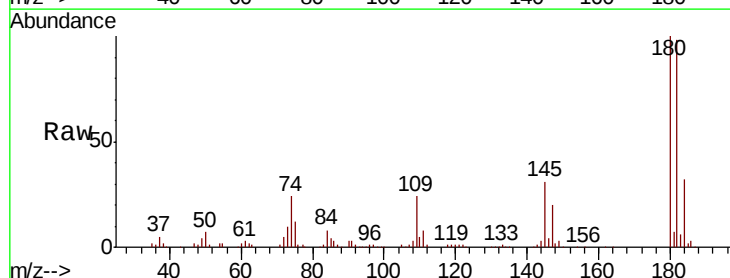
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 39.764 ng
 RT: 8.06 min Scan# 1016
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.0	76.4	114.6
145	31.3	25.0	37.4

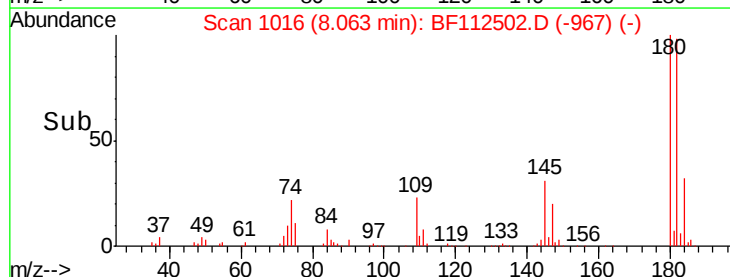
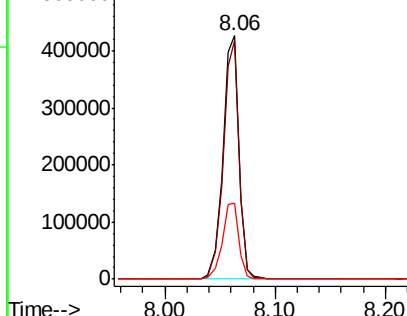


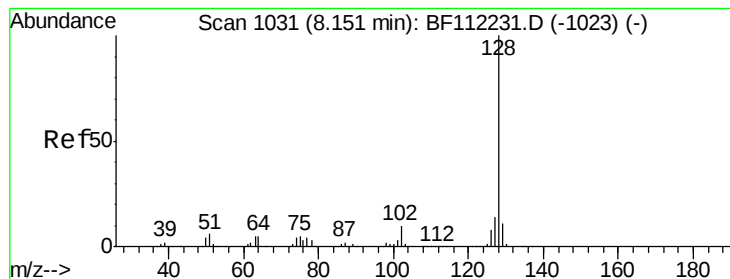
Abundance

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: 39.131 ng

RT: 8.14 min Scan# 1029

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

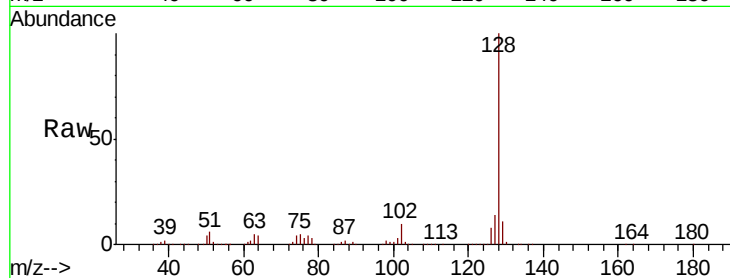
Tgt Ion:128 Resp: 1216033

Ion Ratio Lower Upper

128 100

129 11.3 9.6 14.4

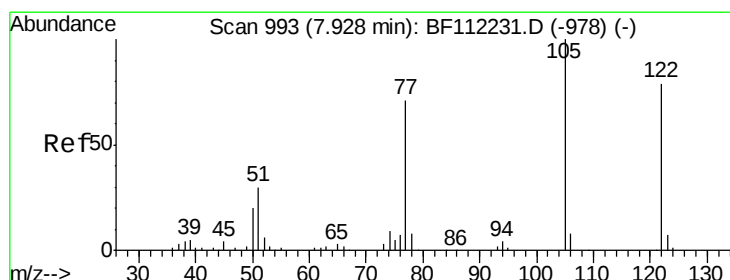
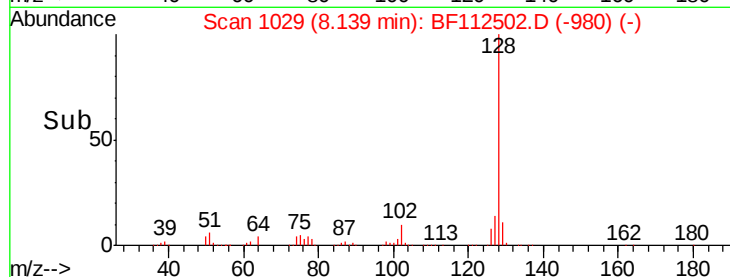
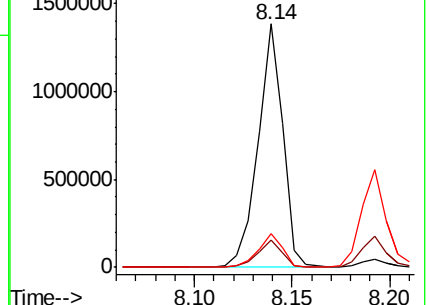
127 14.1 11.1 16.7



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: 38.013 ng

RT: 7.93 min Scan# 994

Delta R.T. 0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

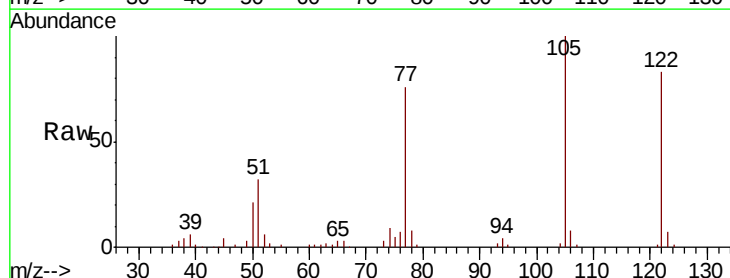
Tgt Ion:122 Resp: 183888

Ion Ratio Lower Upper

122 100

105 120.7 101.2 141.2

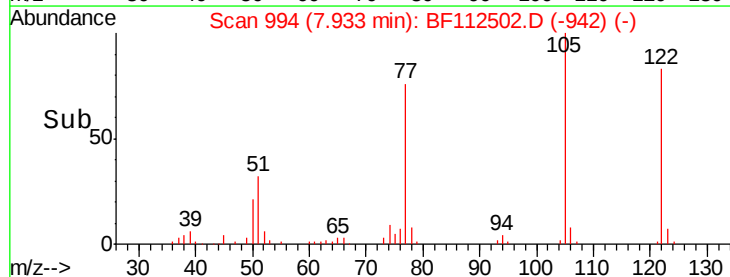
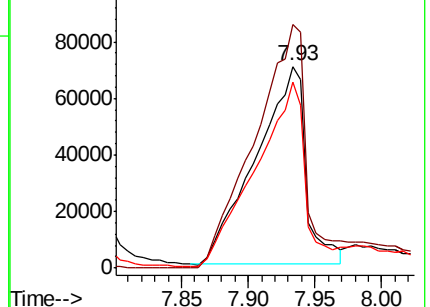
77 92.2 70.4 110.4

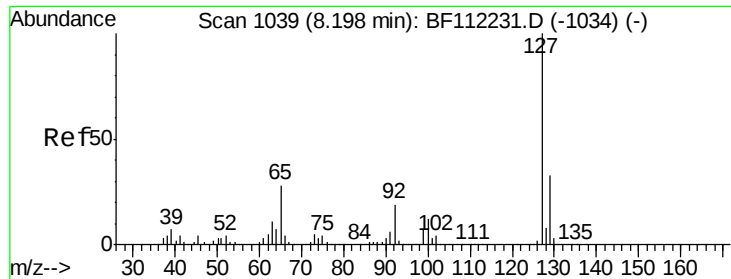


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1

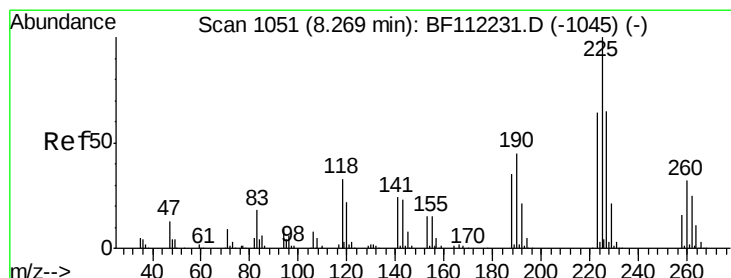
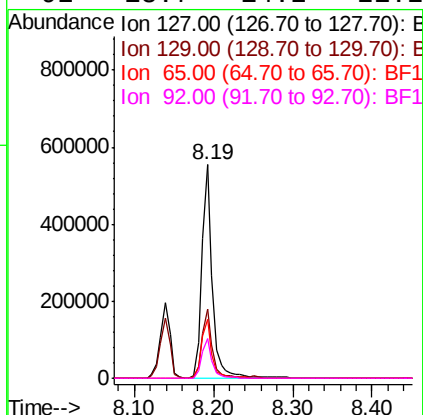
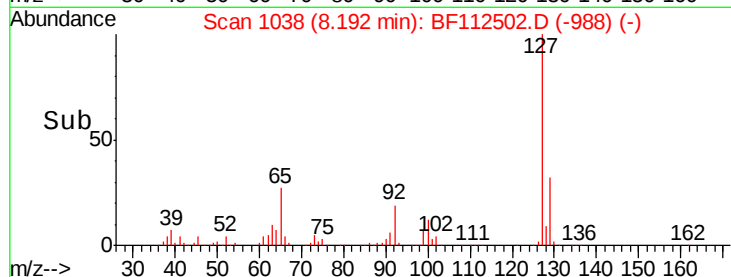
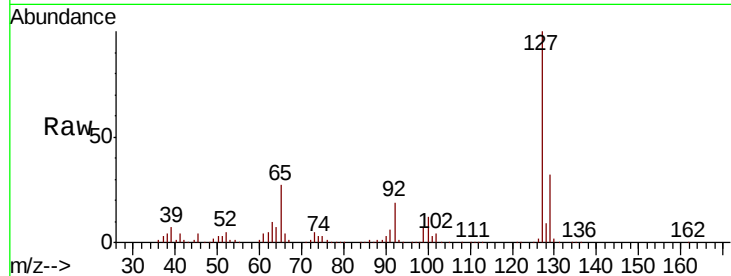




#33
4-Chloroaniline
Concen: 38.568 ng
RT: 8.19 min Scan# 1038
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

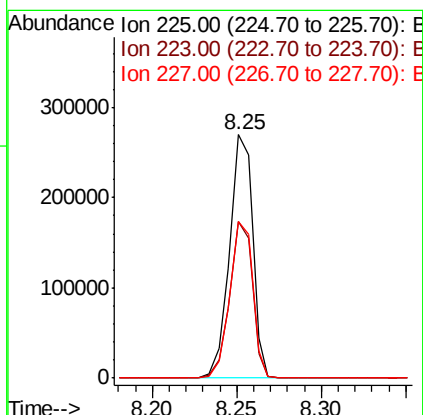
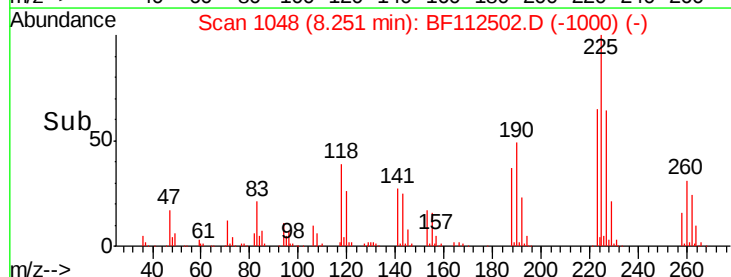
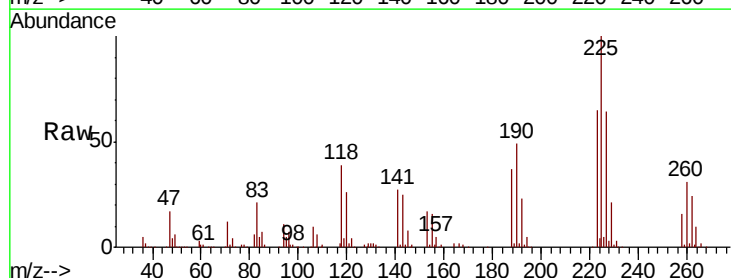
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

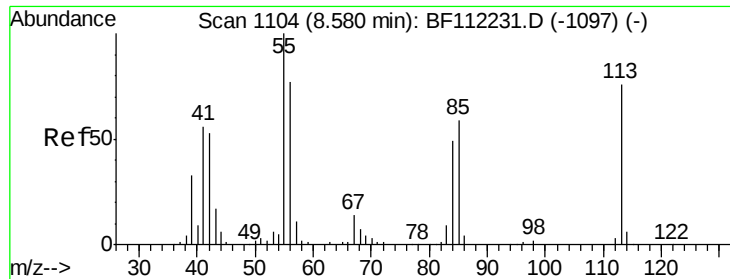
Tgt Ion:	127	Resp:	521862
Ion	Ratio	Lower	Upper
127	100		
129	32.3	26.6	39.8
65	27.5	21.4	32.2
92	18.7	14.2	21.2



#34
Hexachlorobutadiene
Concen: 40.044 ng
RT: 8.25 min Scan# 1048
Delta R.T. -0.02 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion:	225	Resp:	256341
Ion	Ratio	Lower	Upper
225	100		
223	64.6	50.3	75.5
227	64.4	51.8	77.8

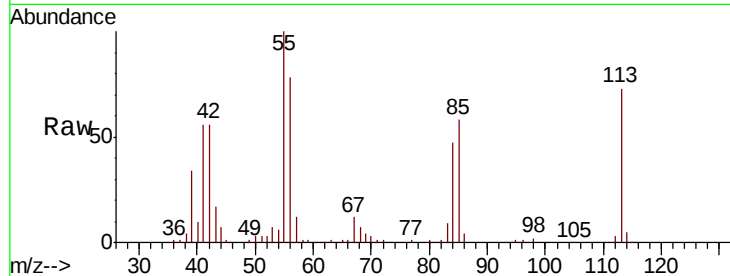




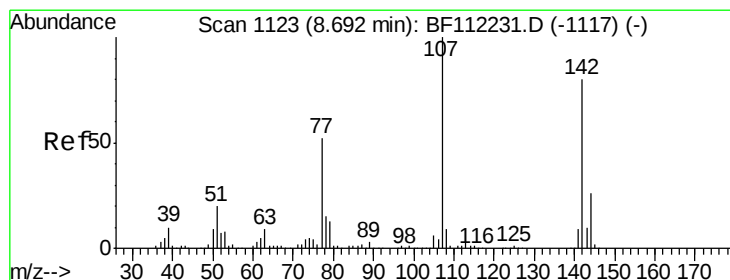
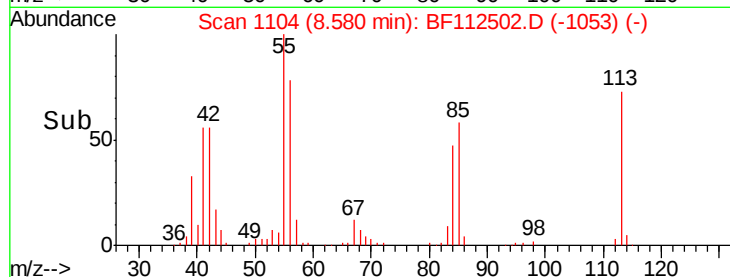
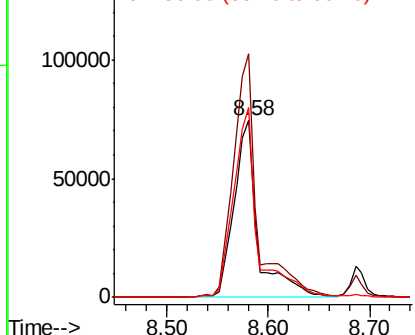
#35
 Caprolactam
 Concen: 36.269 ng
 RT: 8.58 min Scan# 1104
 Delta R.T. -0.00 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:113 Resp: 121427
 Ion Ratio Lower Upper
 113 100
 55 137.6 121.6 161.6
 56 107.1 86.7 126.7

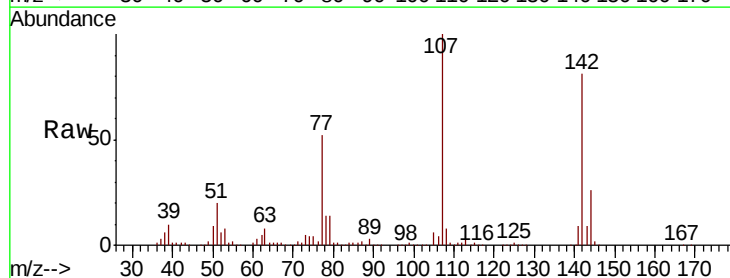


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

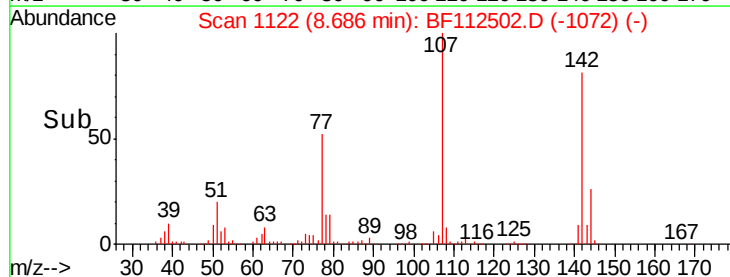
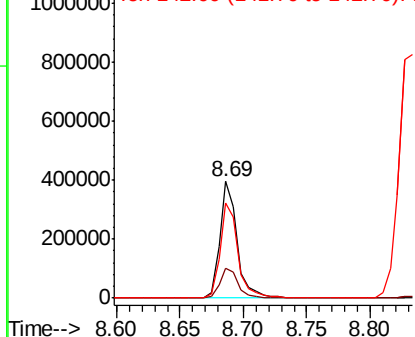


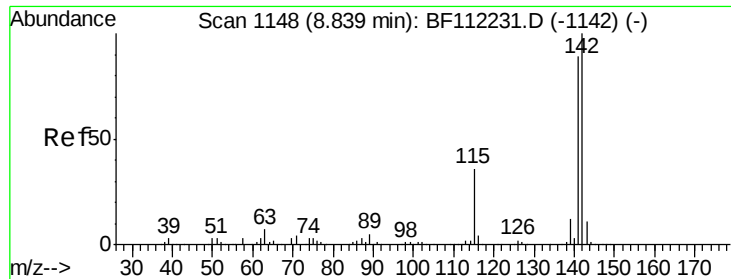
#36
 4-Chloro-3-methylphenol
 Concen: 38.113 ng
 RT: 8.69 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Tgt Ion:107 Resp: 382910
 Ion Ratio Lower Upper
 107 100
 144 25.9 22.2 33.2
 142 81.4 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

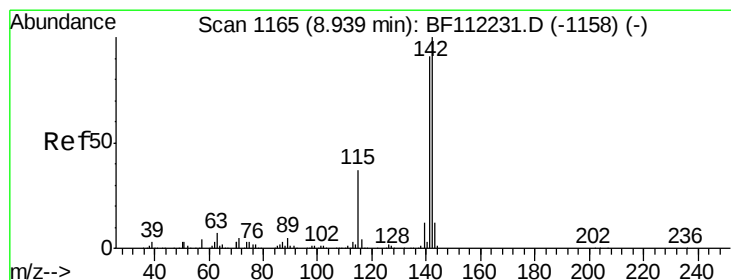
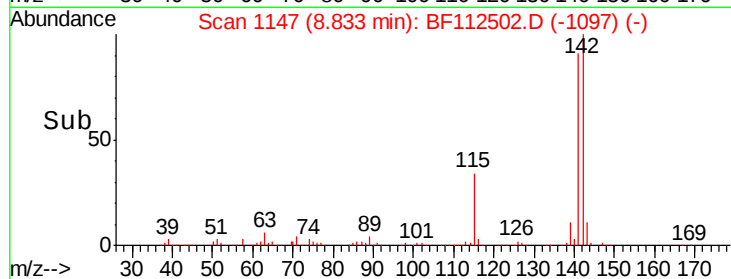
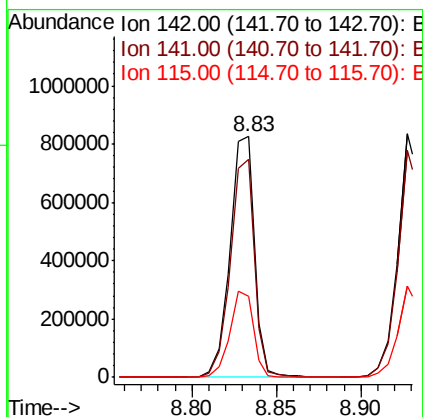
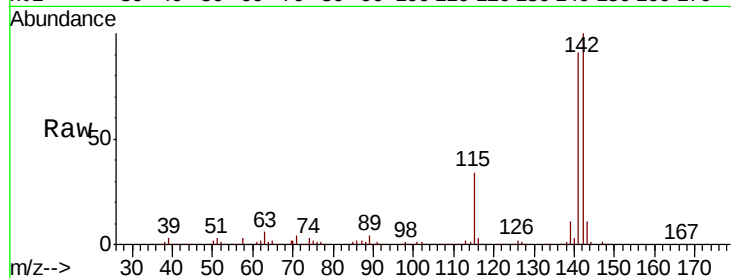




#37
2-Methylnaphthalene
Concen: 38.718 ng
RT: 8.83 min Scan# 1147
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

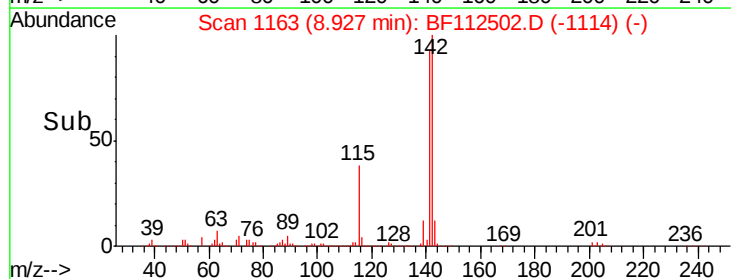
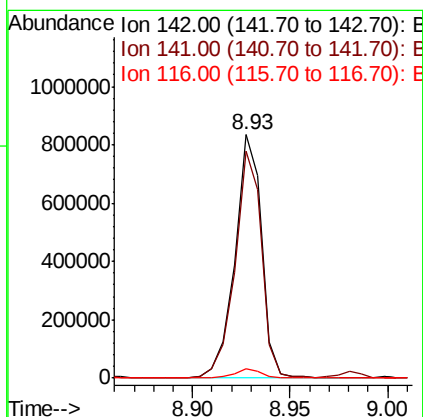
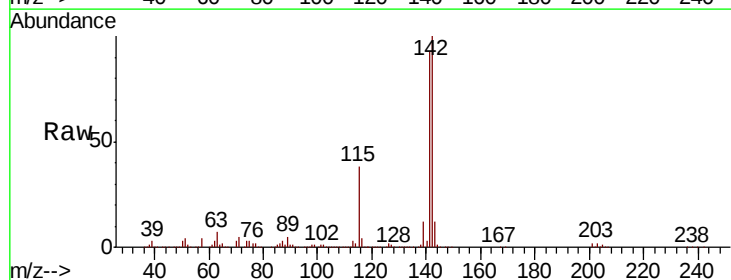
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

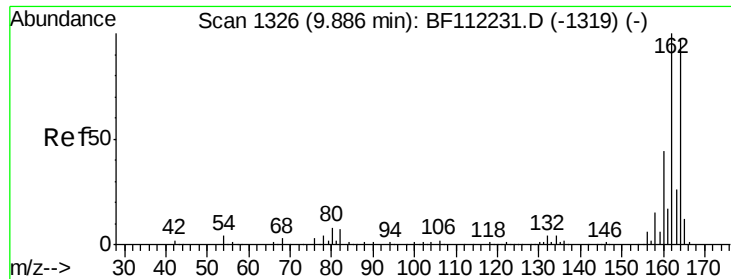
Tgt Ion:142 Resp: 823670
Ion Ratio Lower Upper
142 100
141 90.7 70.9 106.3
115 33.9 24.9 37.3



#38
1-Methylnaphthalene
Concen: 38.414 ng
RT: 8.93 min Scan# 1163
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion:142 Resp: 783294
Ion Ratio Lower Upper
142 100
141 93.2 72.6 108.8
116 3.9 2.8 4.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.87 min Scan# 1324

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

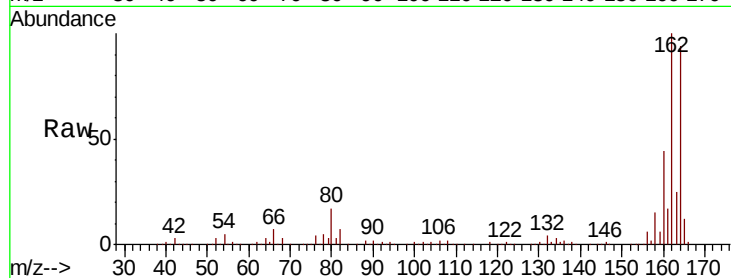
Tgt Ion:164 Resp: 318649

Ion Ratio Lower Upper

164 100

162 106.0 82.2 123.4

160 46.4 36.2 54.4

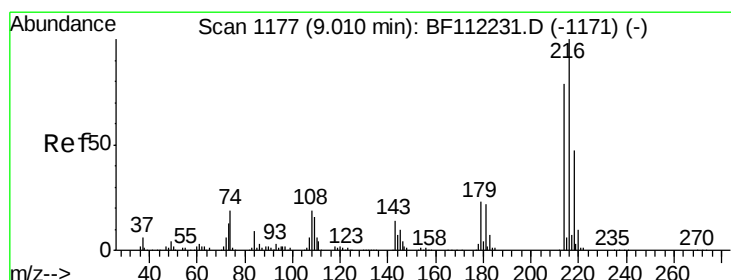
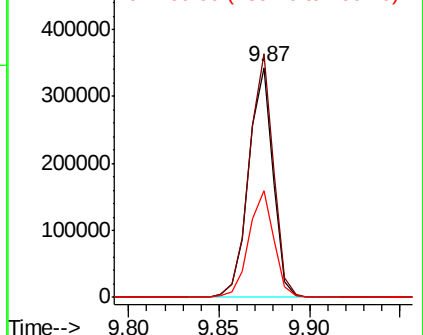
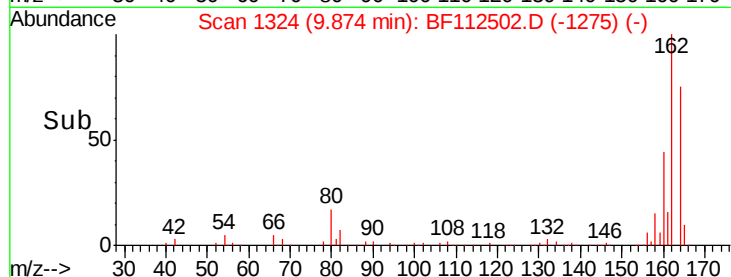


Abundance

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: 39.916 ng

RT: 9.00 min Scan# 1175

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

Tgt Ion:216 Resp: 417612

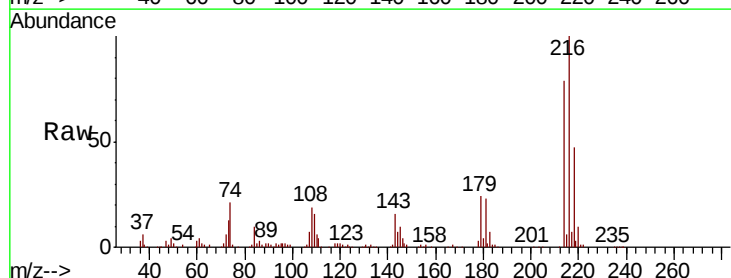
Ion Ratio Lower Upper

216 100

214 78.6 63.8 95.6

179 22.5 16.9 25.3

108 18.9 14.2 21.4



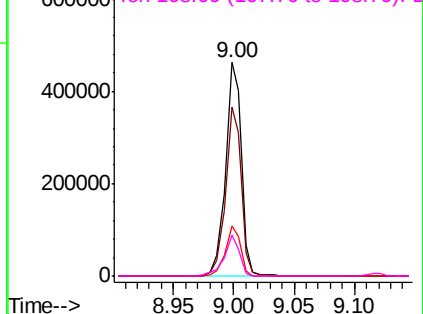
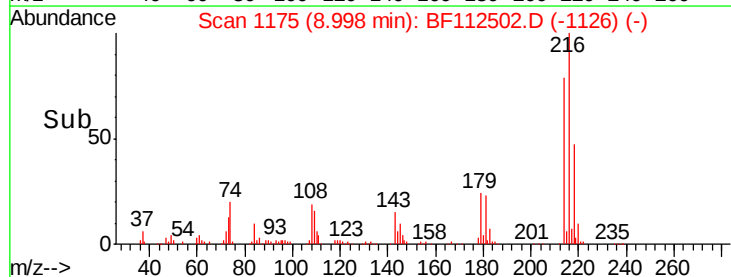
Abundance

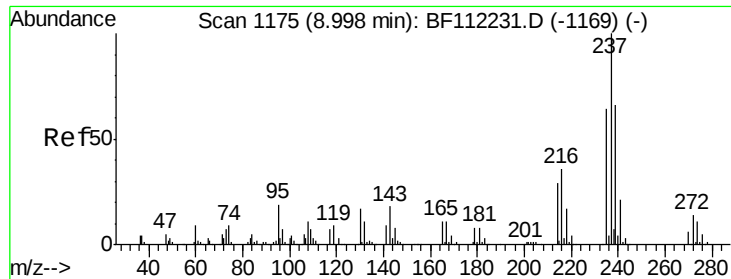
Ion 216.00 (215.70 to 216.70): E

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: 39.781 ng

RT: 8.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

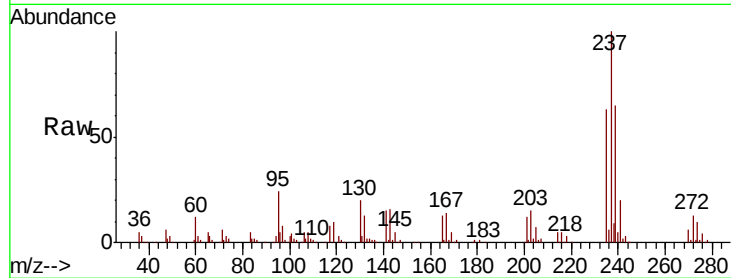
Tgt Ion:237 Resp: 136239

Ion Ratio Lower Upper

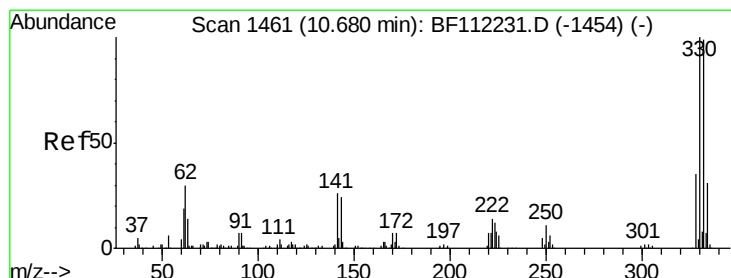
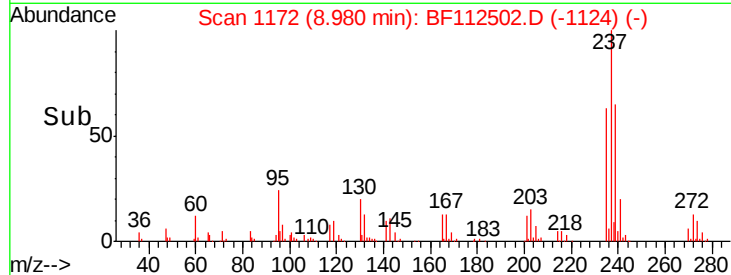
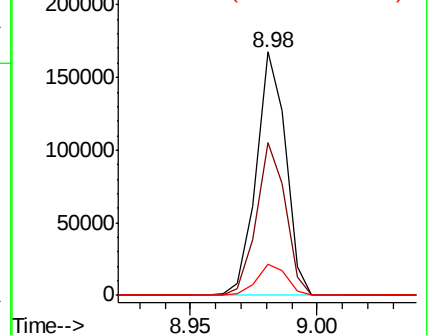
237 100

235 62.9 44.0 84.0

272 12.8 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: 78.196 ng

RT: 10.67 min Scan# 1459

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

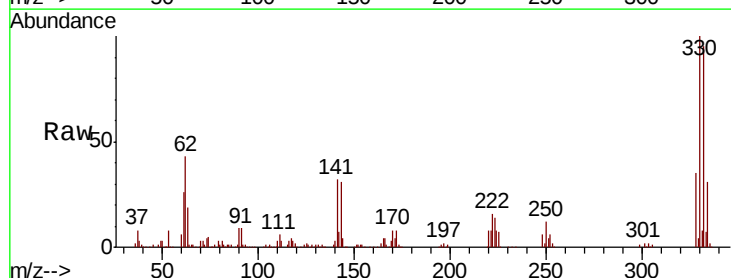
Tgt Ion:330 Resp: 290028

Ion Ratio Lower Upper

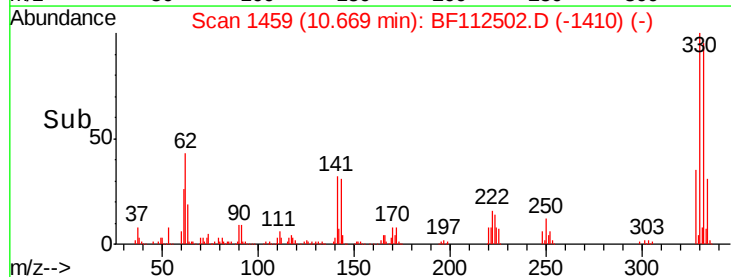
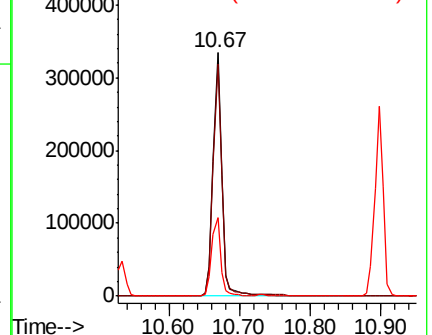
330 100

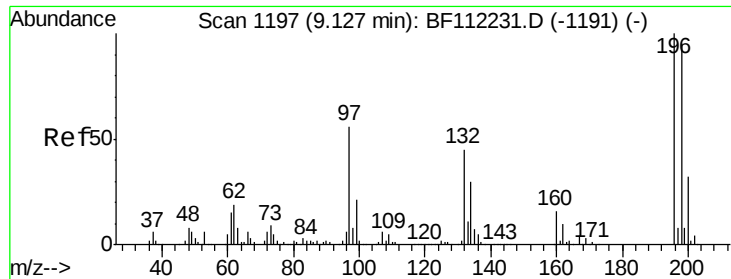
332 96.4 76.6 114.8

141 33.1 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

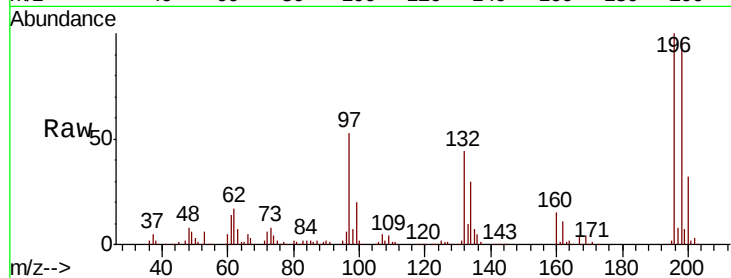




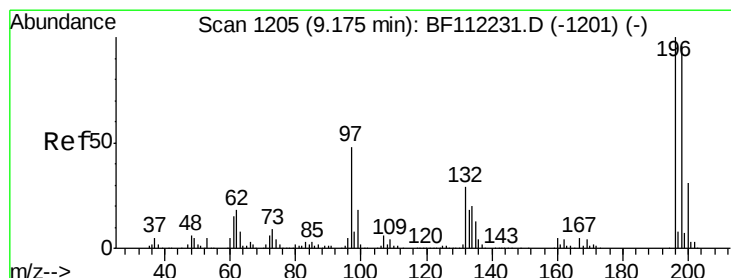
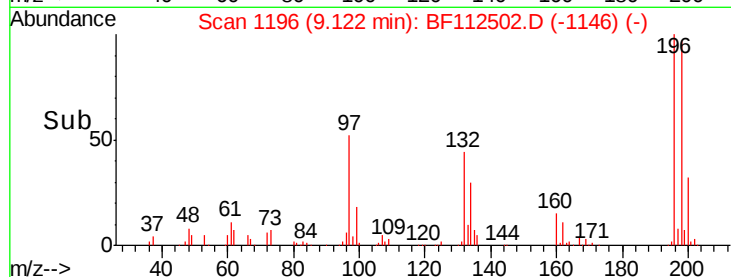
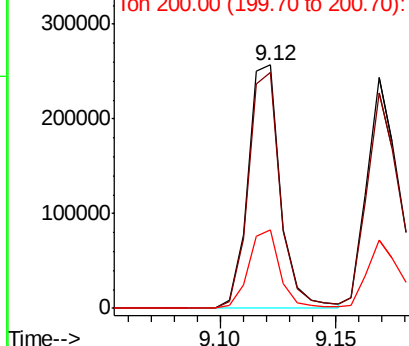
#43
 2,4,6-Trichlorophenol
 Concen: 39.368 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 253886
 Ion Ratio Lower Upper
 196 100
 198 96.9 76.2 114.4
 200 32.3 24.3 36.5



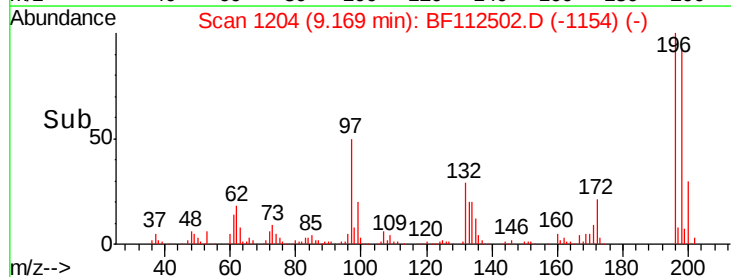
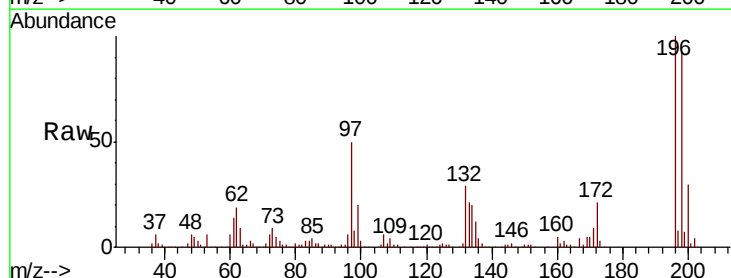
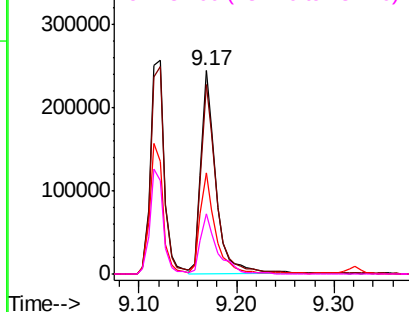
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

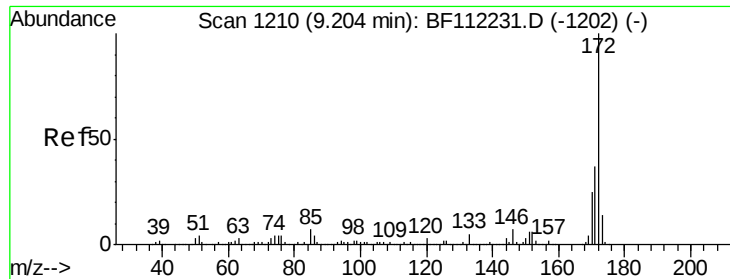


#44
 2,4,5-Trichlorophenol
 Concen: 38.753 ng
 RT: 9.17 min Scan# 1204
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Tgt Ion:196 Resp: 261199
 Ion Ratio Lower Upper
 196 100
 198 93.2 76.0 114.0
 97 49.7 36.4 54.6
 132 29.4 21.5 32.3

Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BF1
 Ion 132.00 (131.70 to 132.70): E

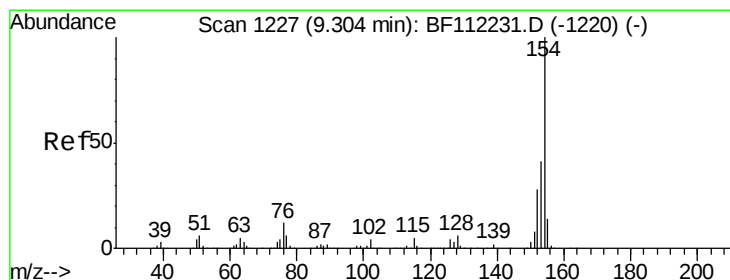
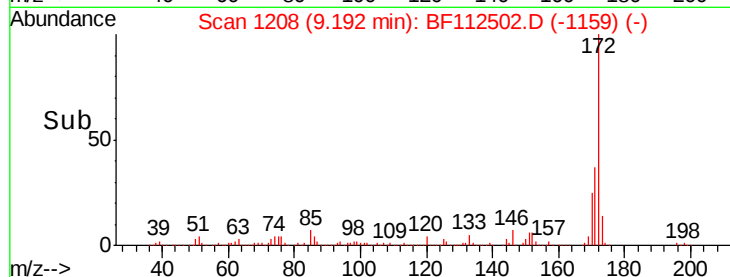
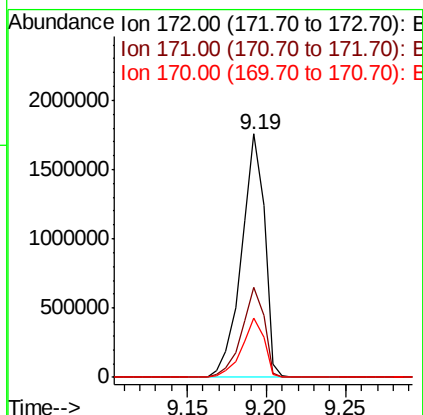
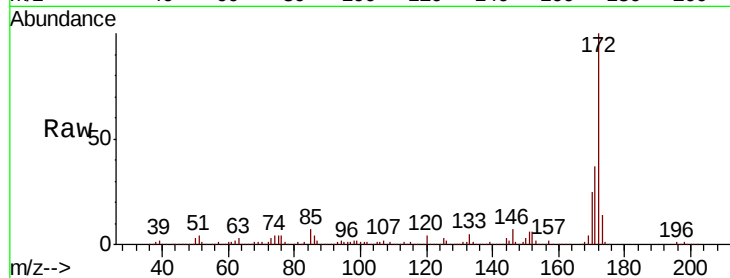




#45
2-Fluorobiphenyl
Concen: 78.328 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

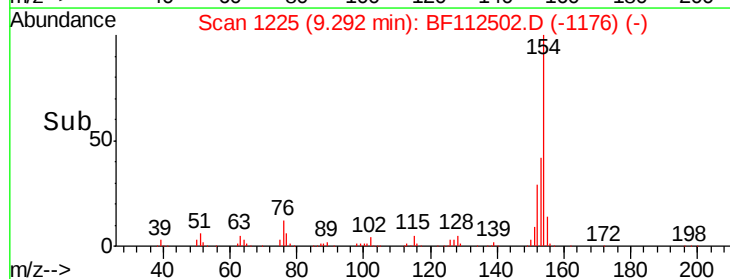
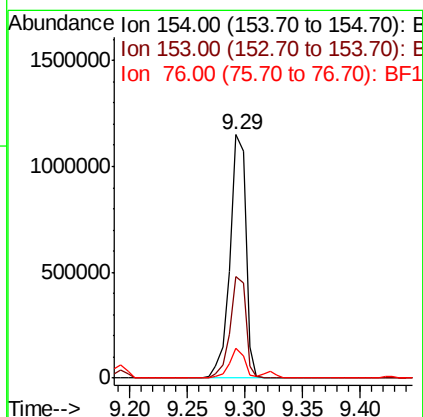
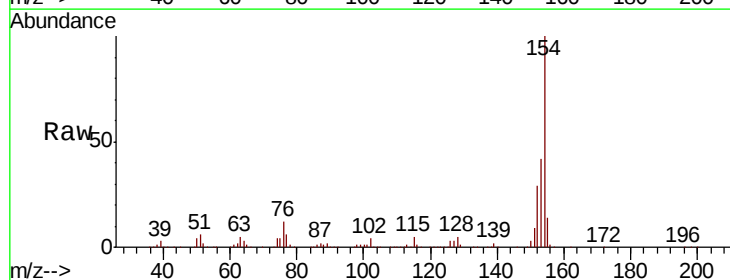
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

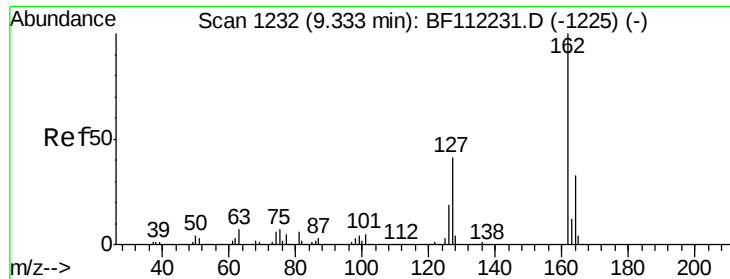
Tgt Ion:172 Resp: 1764730
Ion Ratio Lower Upper
172 100
171 37.2 30.5 45.7
170 24.5 20.2 30.4



#46
1,1'-Biphenyl
Concen: 39.474 ng
RT: 9.29 min Scan# 1225
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion:154 Resp: 1099650
Ion Ratio Lower Upper
154 100
153 41.8 21.5 61.5
76 12.0 0.0 33.1

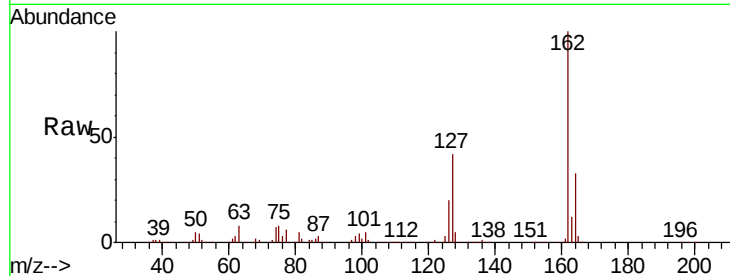




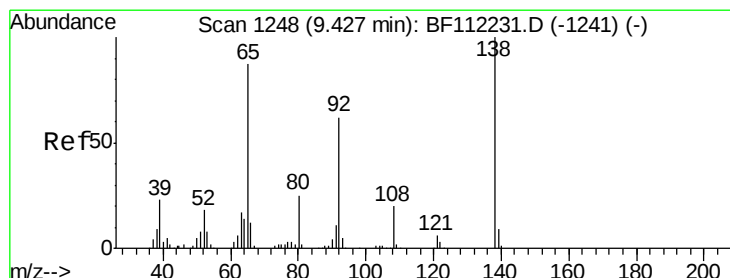
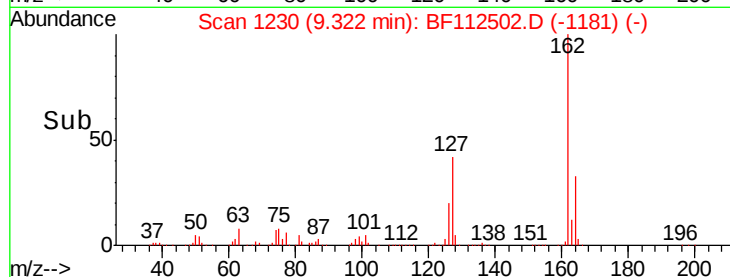
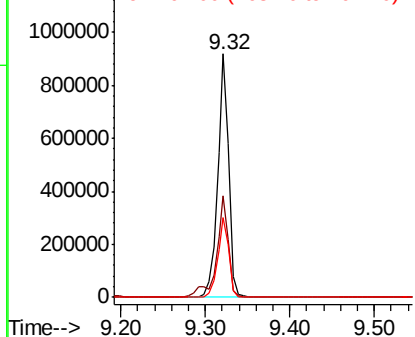
#47
 2-Chloronaphthalene
 Concen: 39.493 ng
 RT: 9.32 min Scan# 1230
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.7	30.4	45.6
164	32.6	27.4	41.2

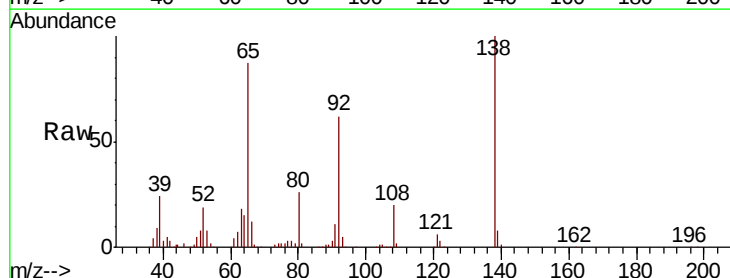


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

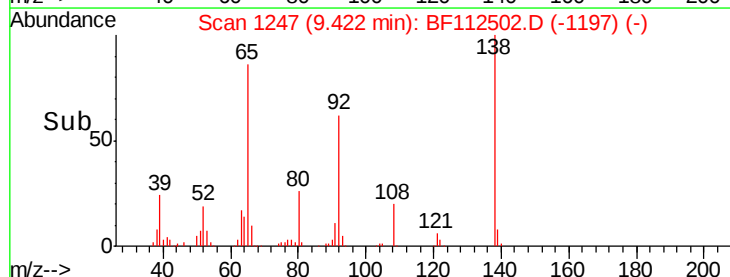
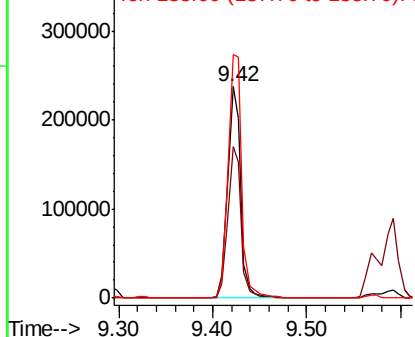


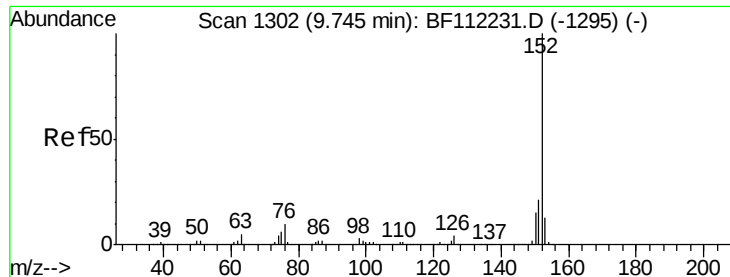
#48
 2-Nitroaniline
 Concen: 38.966 ng
 RT: 9.42 min Scan# 1247
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Tgt Ion	Ratio	Lower	Upper
65	100		
92	71.9	60.4	90.6
138	115.2	104.4	156.6



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

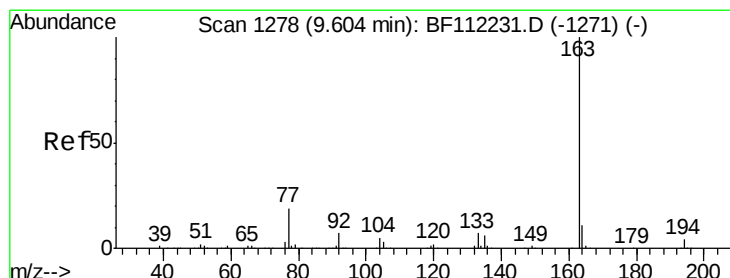
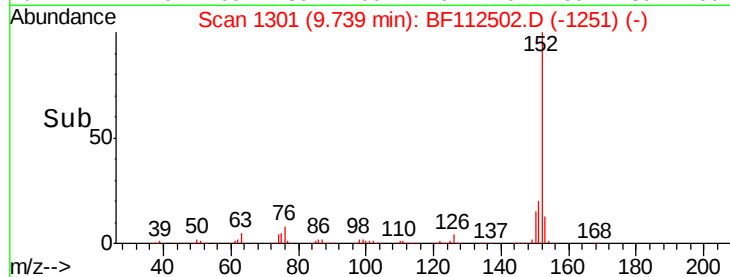
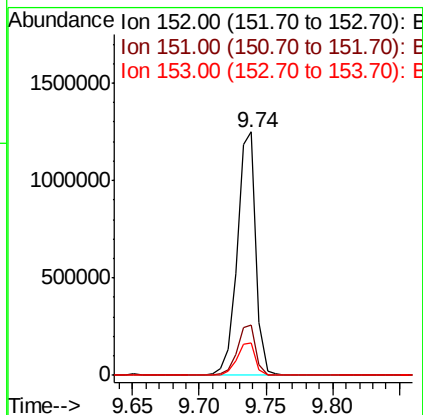
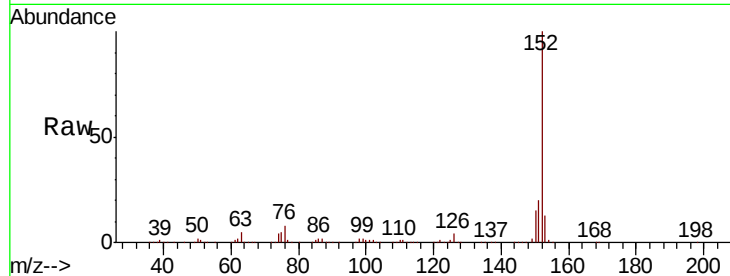




#49
 Acenaphthylene
 Concen: 38.376 ng
 RT: 9.74 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

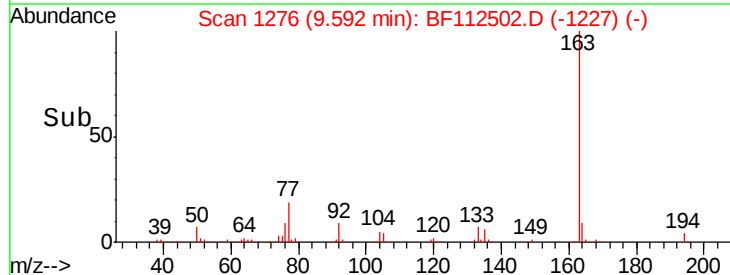
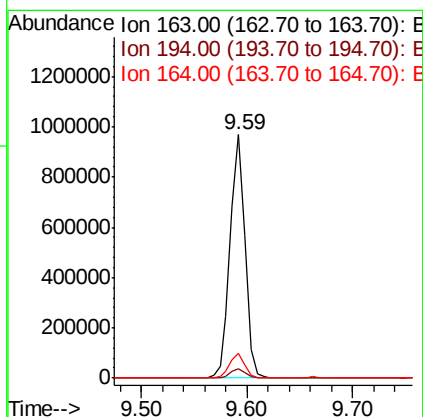
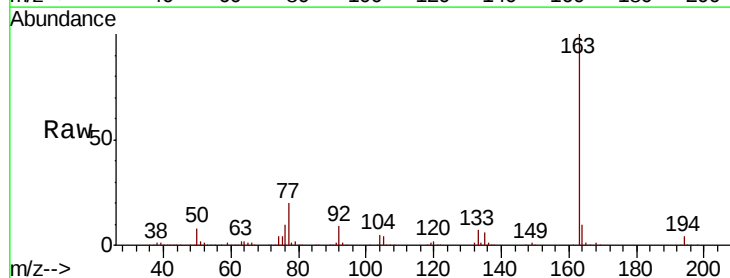
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

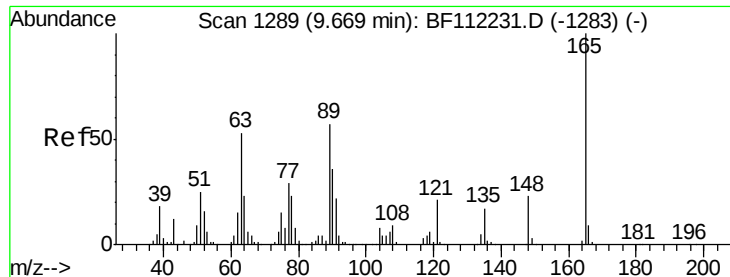
Tgt Ion:152 Resp: 1215084
 Ion Ratio Lower Upper
 152 100
 151 20.4 17.0 25.6
 153 13.1 11.2 16.8



#50
 Dimethylphthalate
 Concen: 38.139 ng
 RT: 9.59 min Scan# 1276
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Tgt Ion:163 Resp: 944232
 Ion Ratio Lower Upper
 163 100
 194 4.0 3.3 4.9
 164 10.4 8.5 12.7





#51

2,6-Dinitrotoluene

Concen: 38.335 ng

RT: 9.66 min Scan# 1288

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

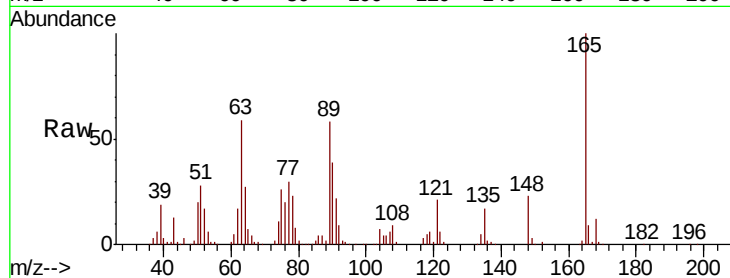
Tgt Ion:165 Resp: 212554

Ion Ratio Lower Upper

165 100

63 58.7 33.8 50.8#

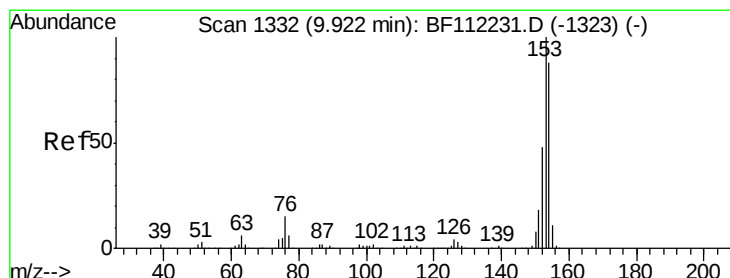
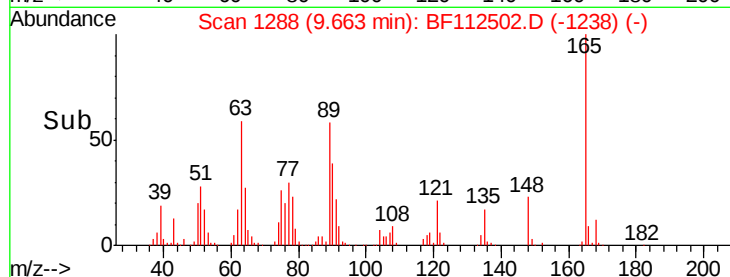
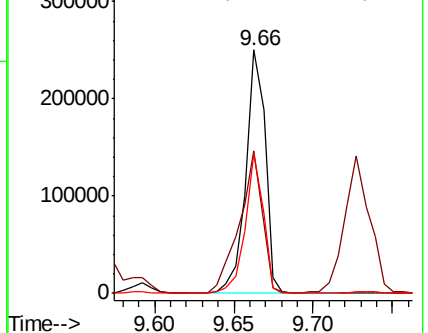
89 57.7 36.9 55.3#



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: 38.641 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

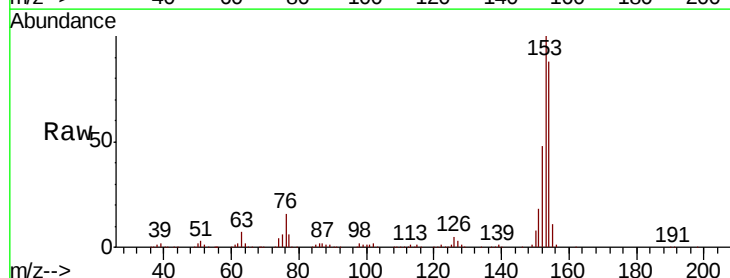
Tgt Ion:154 Resp: 730876

Ion Ratio Lower Upper

154 100

153 113.2 89.8 134.6

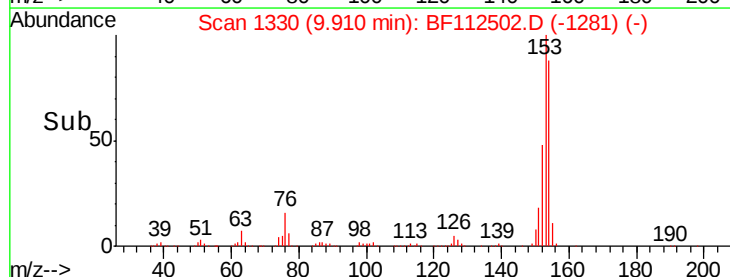
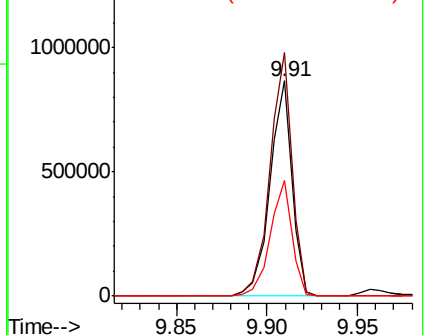
152 54.0 43.5 65.3

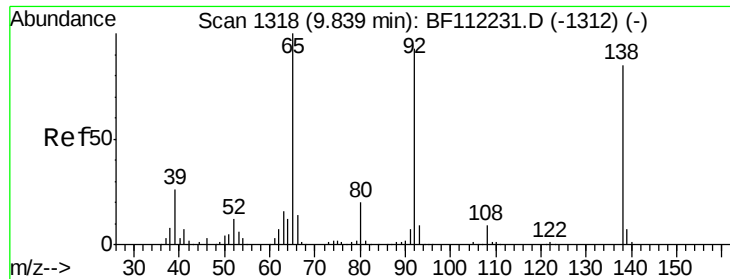


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

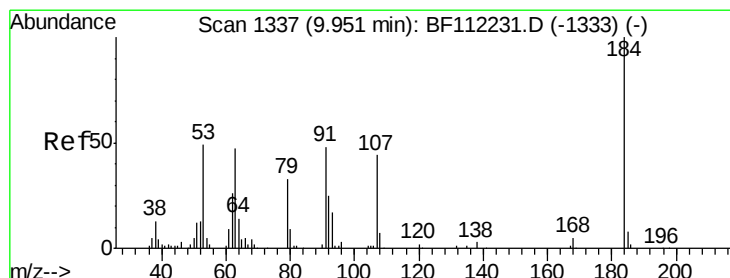
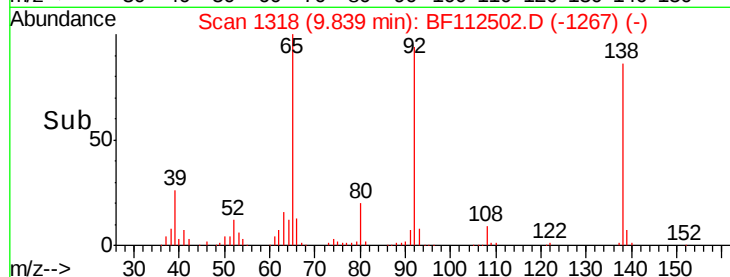
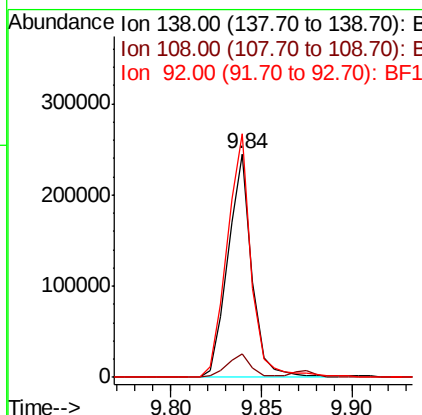
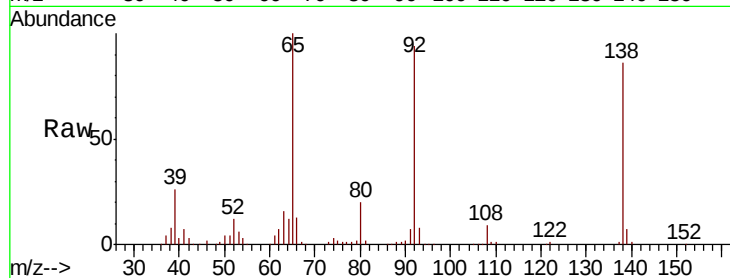




#53
 3-Nitroaniline
 Concen: 37.690 ng
 RT: 9.84 min Scan# 1318
 Delta R.T. -0.00 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

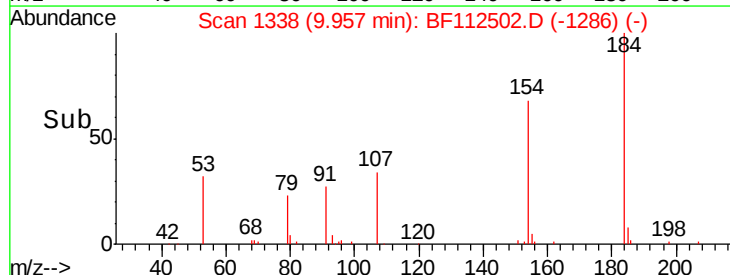
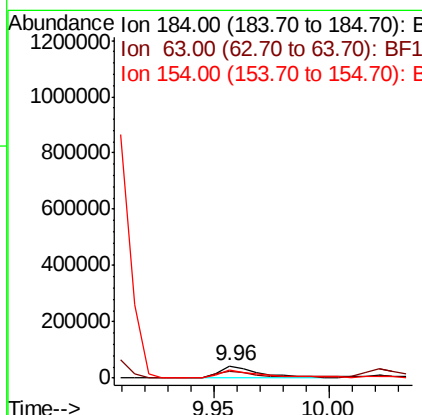
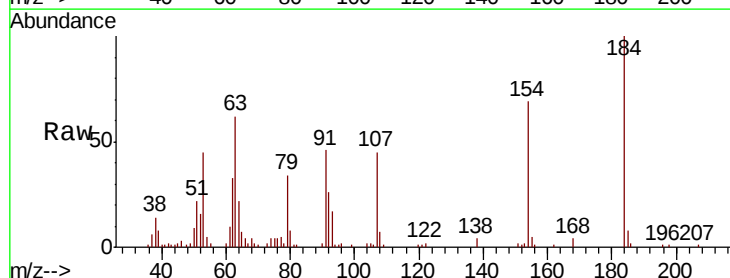
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

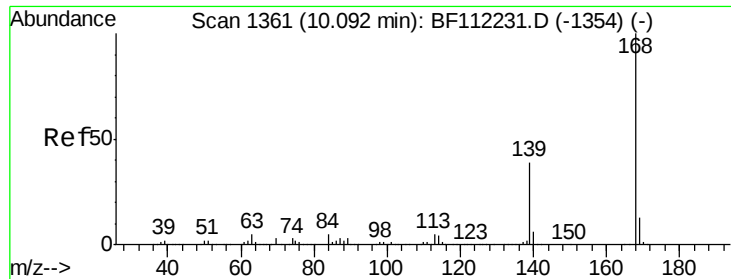
Tgt Ion:138 Resp: 226406
 Ion Ratio Lower Upper
 138 100
 108 10.3 9.8 14.6
 92 108.8 79.4 119.2



#54
 2,4-Dinitrophenol
 Concen: 31.304 ng
 RT: 9.96 min Scan# 1338
 Delta R.T. 0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Tgt Ion:184 Resp: 55704
 Ion Ratio Lower Upper
 184 100
 63 61.9 47.1 70.7
 154 69.5 48.9 73.3

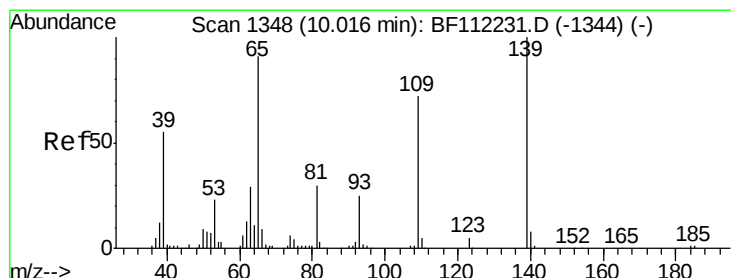
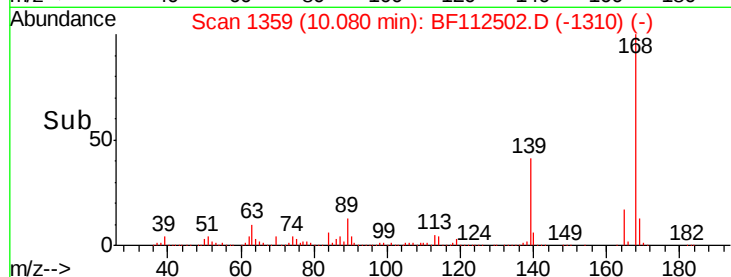
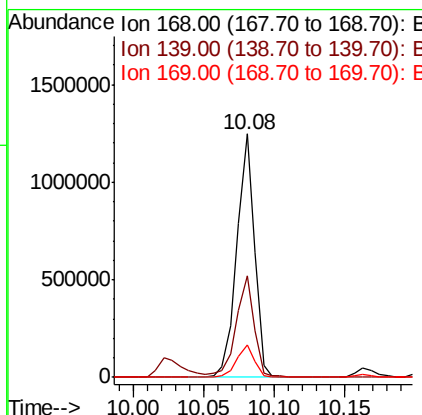
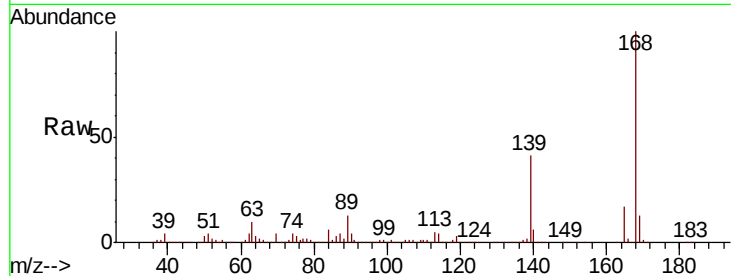




#55
Dibenzenofuran
Concen: 37.665 ng
RT: 10.08 min Scan# 1359
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

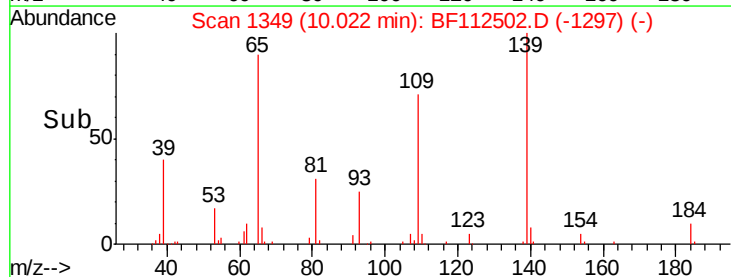
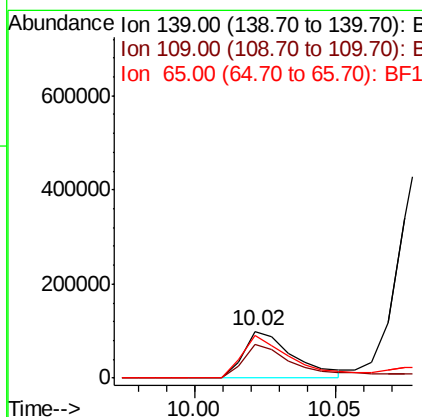
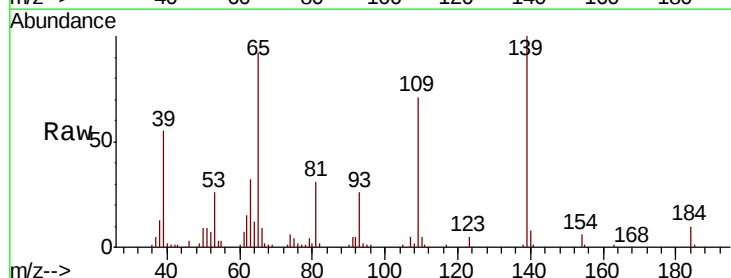
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

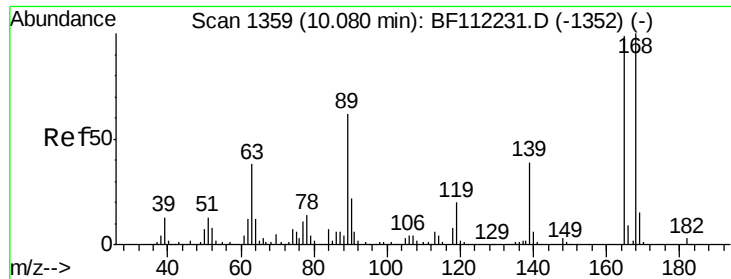
Tgt Ion:168 Resp: 1088697
Ion Ratio Lower Upper
168 100
139 41.5 29.2 43.8
169 13.2 11.4 17.0



#56
4-Nitrophenol
Concen: 38.323 ng
RT: 10.02 min Scan# 1349
Delta R.T. 0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion:139 Resp: 121707
Ion Ratio Lower Upper
139 100
109 71.2 42.8 82.8
65 91.8 66.1 106.1

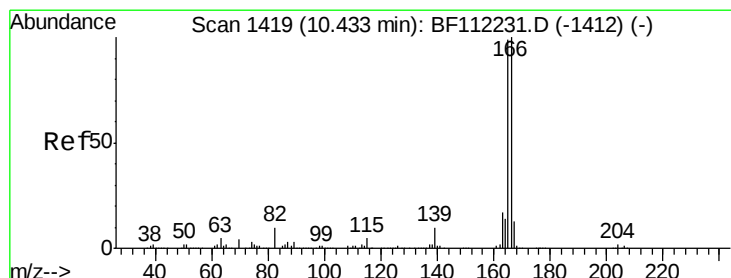
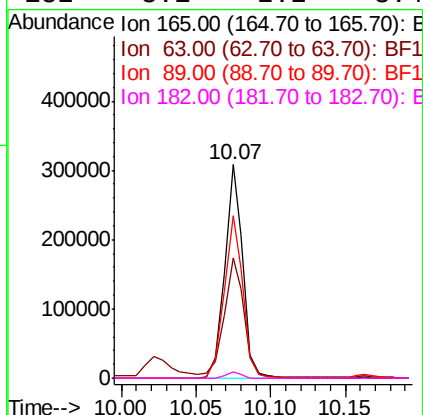
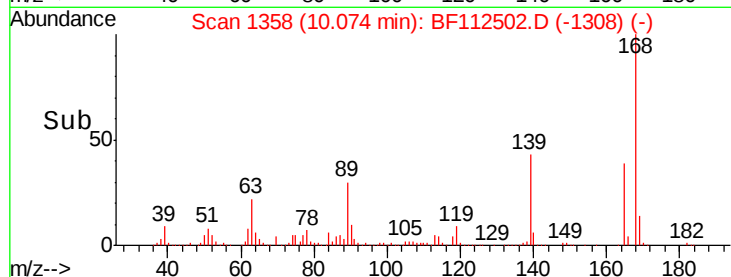
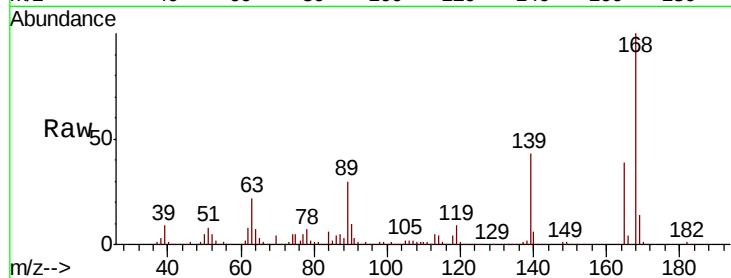




#57
2,4-Dinitrotoluene
Concen: 37.286 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

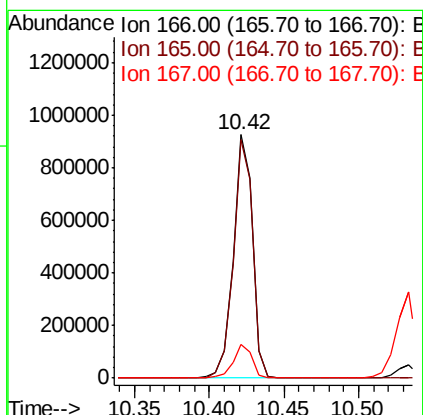
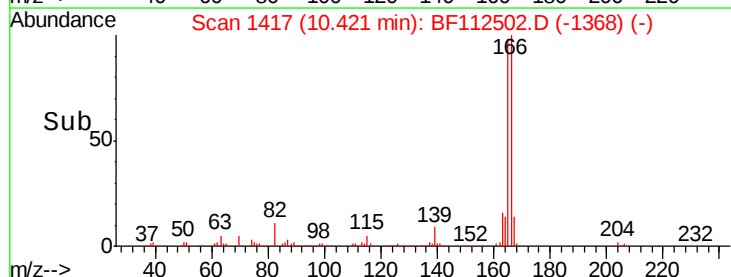
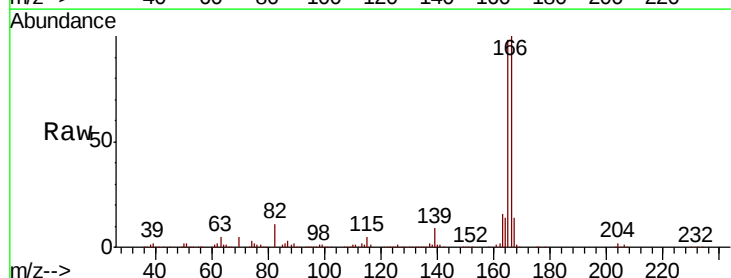
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

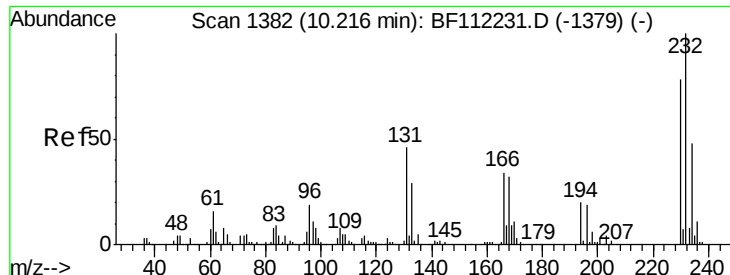
Tgt Ion	Ratio	Lower	Upper
165	100		
63	56.2	27.9	41.9#
89	76.2	47.9	71.9#
182	3.1	2.2	3.4



#58
Fluorene
Concen: 38.997 ng
RT: 10.42 min Scan# 1417
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.1	115.7
167	13.7	11.3	16.9

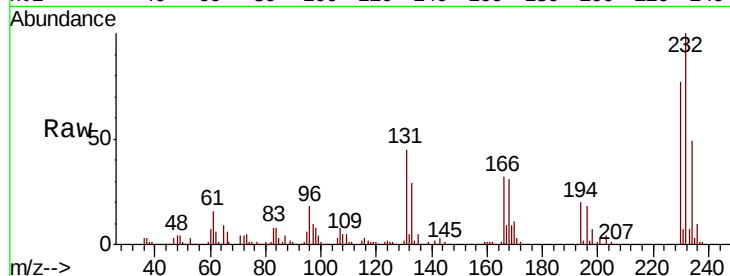




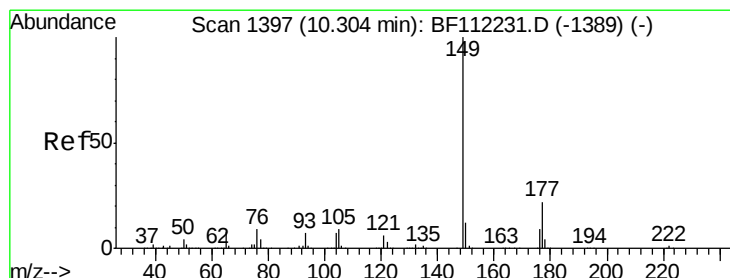
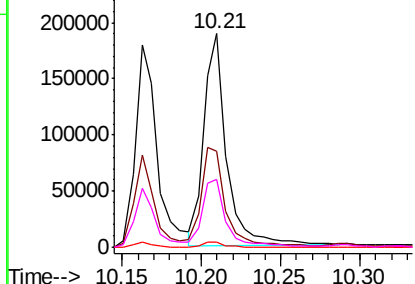
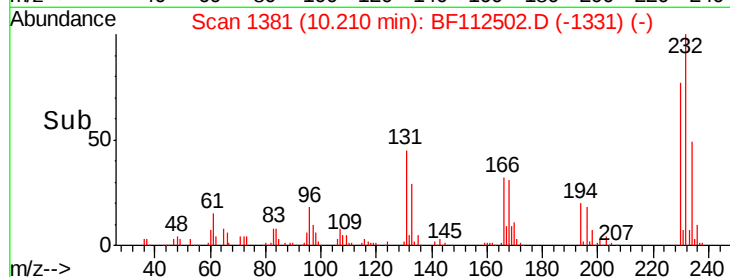
#59
2,3,4,6-Tetrachlorophenol
Concen: 37.508 ng
RT: 10.21 min Scan# 1381
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 232 Resp: 191052
Ion Ratio Lower Upper
232 100
131 51.2 33.9 50.9#
130 2.5 1.8 2.6
166 33.4 23.6 35.4

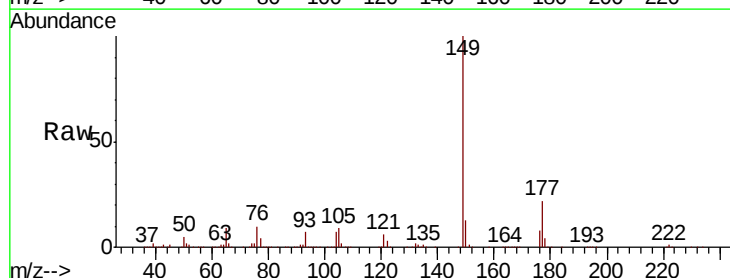


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

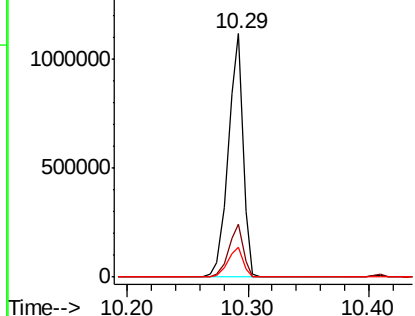
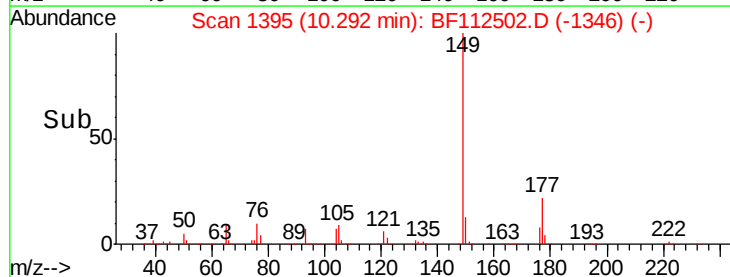


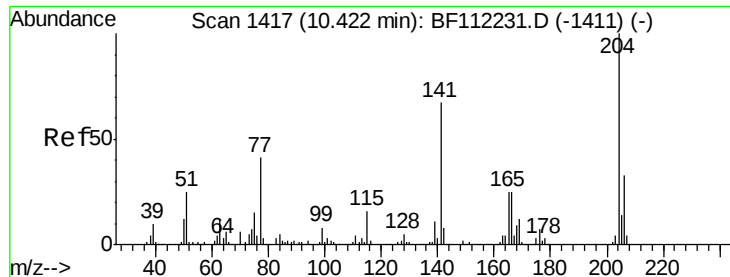
#60
Diethylphthalate
Concen: 38.463 ng
RT: 10.29 min Scan# 1395
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion: 149 Resp: 945003
Ion Ratio Lower Upper
149 100
177 21.8 18.2 27.2
150 12.5 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

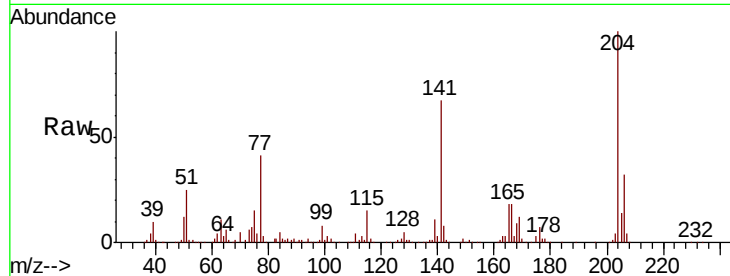




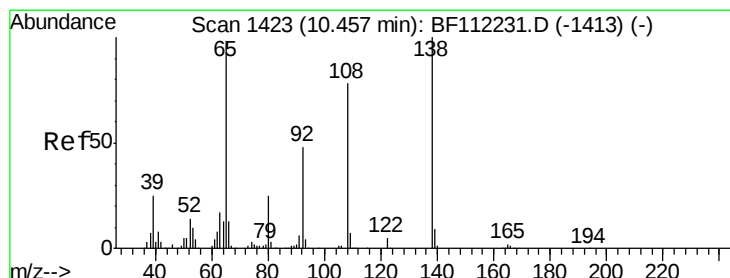
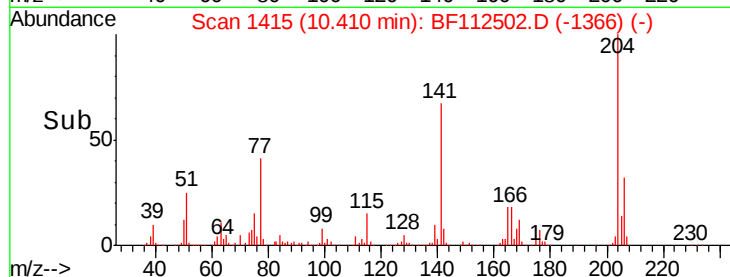
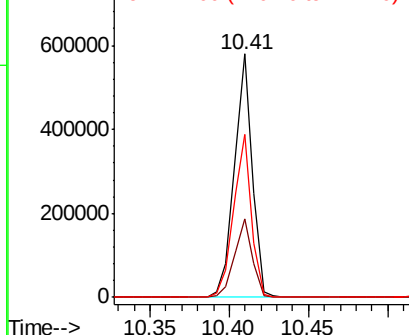
#61
 4-Chlorophenyl-phenylether
 Concen: 38.755 ng
 RT: 10.41 min Scan# 1415
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:	204	Resp:	456000
Ion	Ratio	Lower	Upper
204	100		
206	32.3	26.5	39.7
141	67.2	45.9	68.9

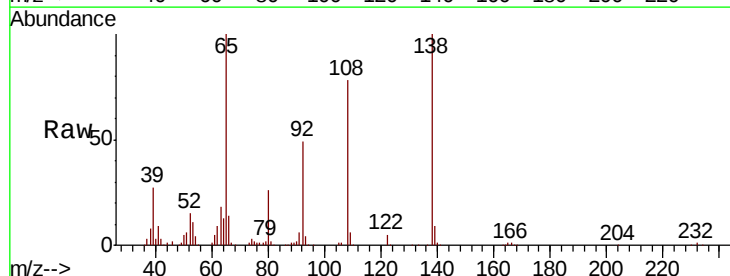


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

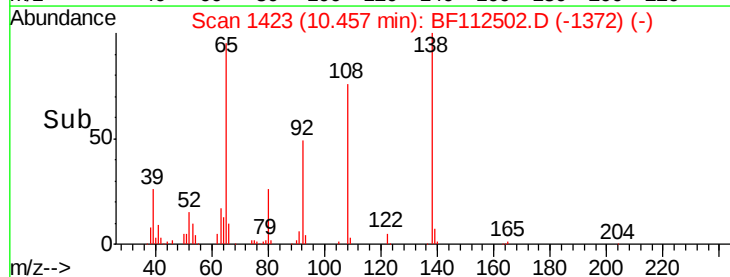
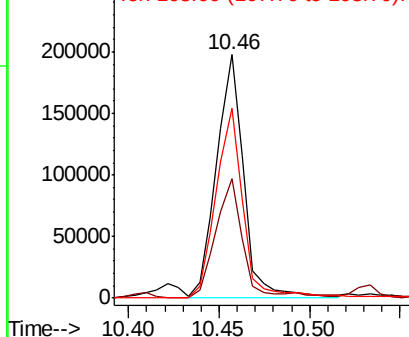


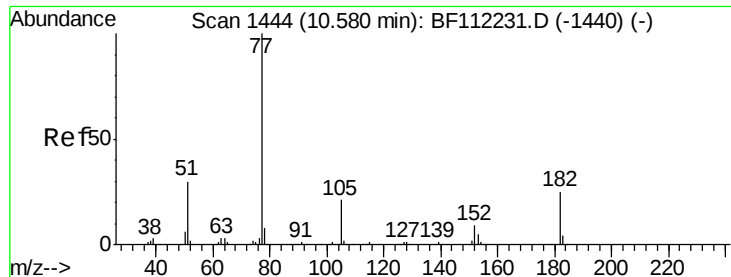
#62
 4-Nitroaniline
 Concen: 35.201 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.00 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Tgt Ion:	138	Resp:	207407
Ion	Ratio	Lower	Upper
138	100		
92	48.8	30.6	70.6
108	78.1	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: 39.241 ng

RT: 10.57 min Scan# 1443

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 847908

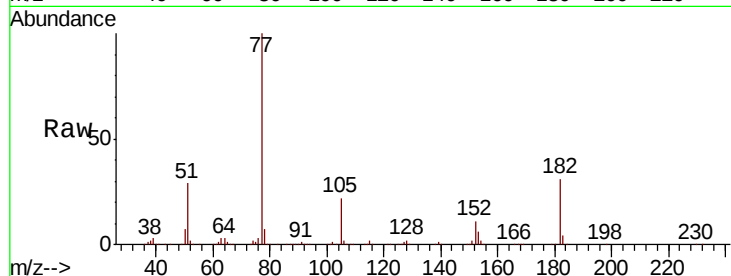
Ion Ratio Lower Upper

77 100

182 30.5 5.7 45.7

105 22.3 1.4 41.4

51 28.6 9.5 49.5



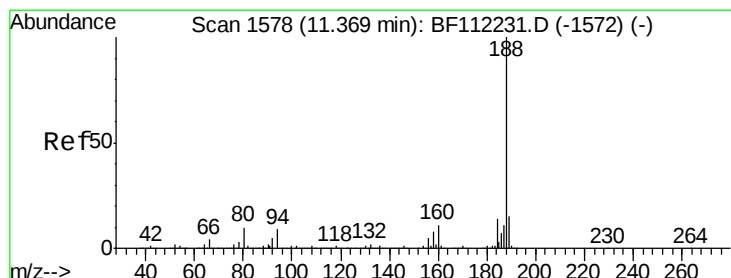
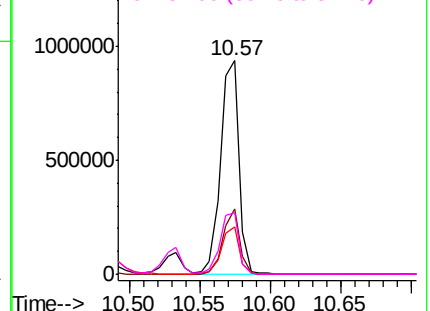
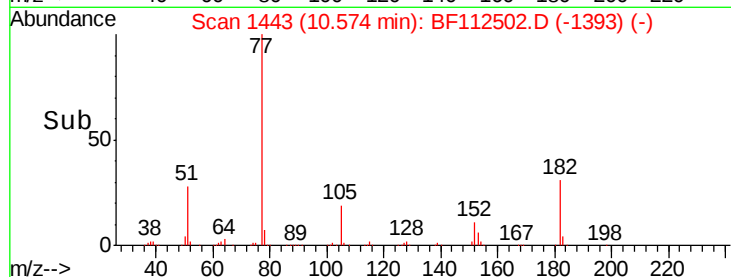
Abundance

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: BF112502.D

Acq: 12 Feb 2019 10:14

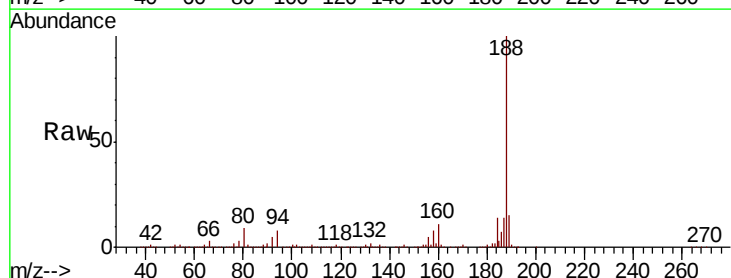
Tgt Ion: 188 Resp: 578483

Ion Ratio Lower Upper

188 100

94 7.9 8.2 12.2#

80 8.6 8.9 13.3#

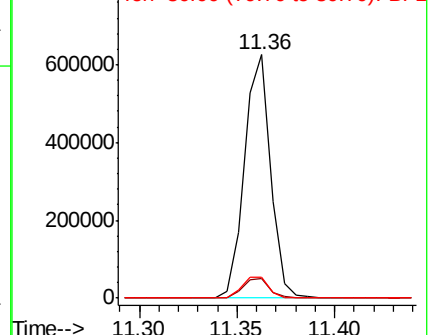
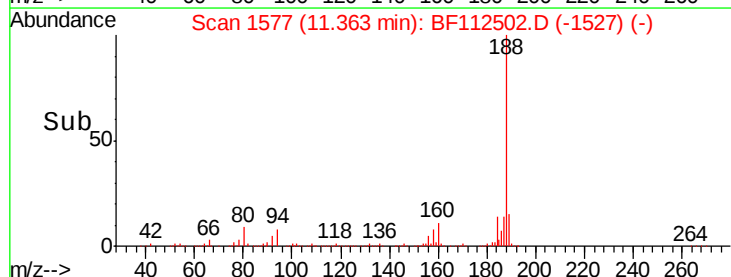


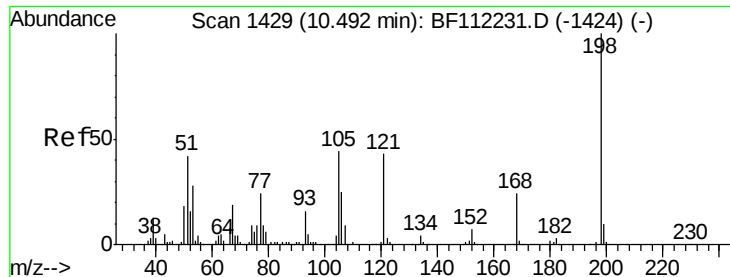
Abundance

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

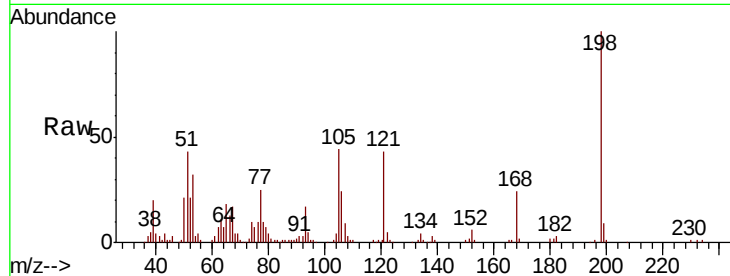




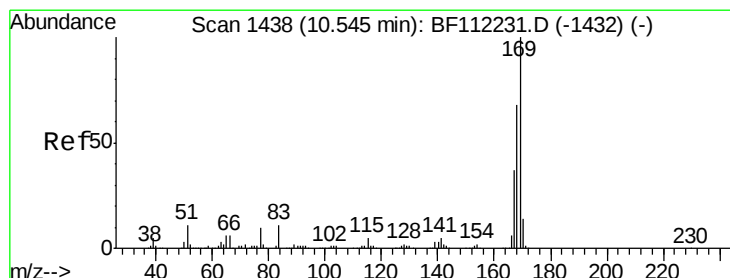
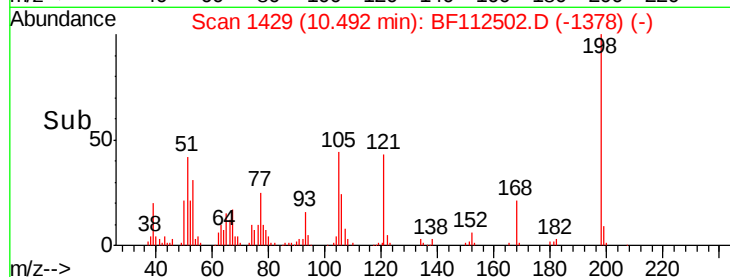
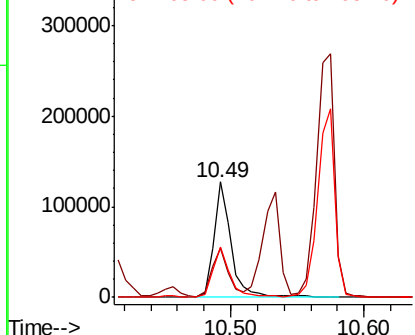
#65
 4,6-Dinitro-2-methylphenol
 Concen: 35.912 ng
 RT: 10.49 min Scan# 1429
 Delta R.T. -0.00 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:198 Resp: 116475
 Ion Ratio Lower Upper
 198 100
 51 42.6 17.2 57.2
 105 43.9 21.9 61.9

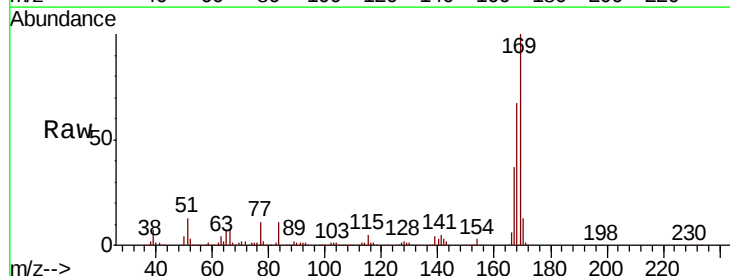


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF1
 Ion 105.00 (104.70 to 105.70): E

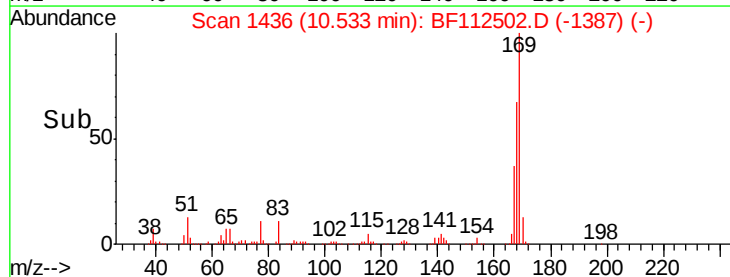
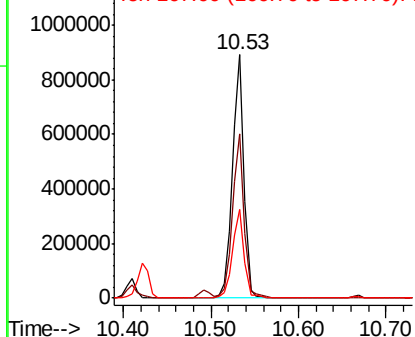


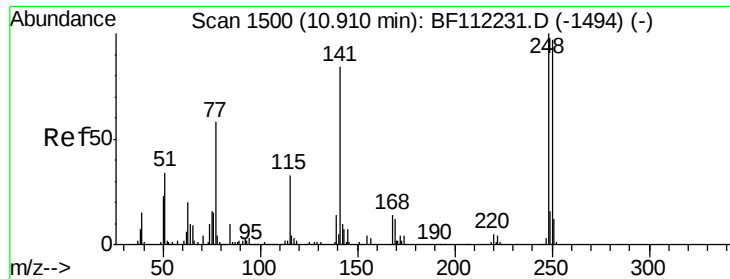
#66
 n-Nitrosodiphenylamine
 Concen: 40.768 ng
 RT: 10.53 min Scan# 1436
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Tgt Ion:169 Resp: 794837
 Ion Ratio Lower Upper
 169 100
 168 67.4 53.9 80.9
 167 36.6 28.9 43.3



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

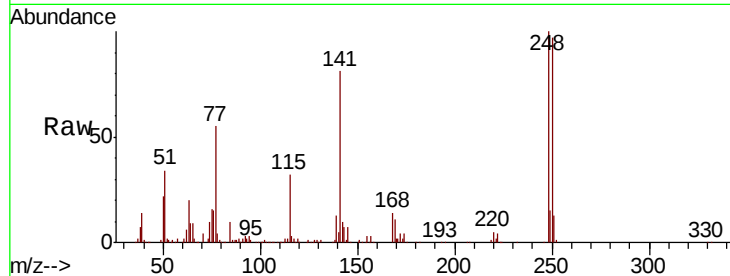




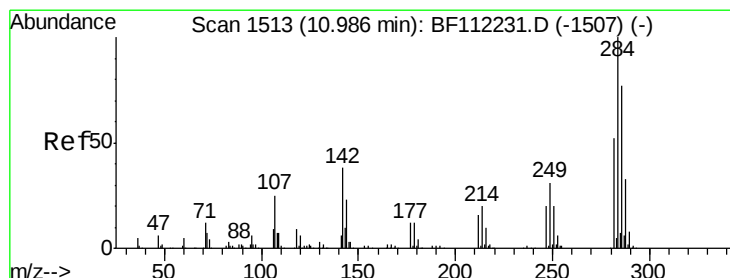
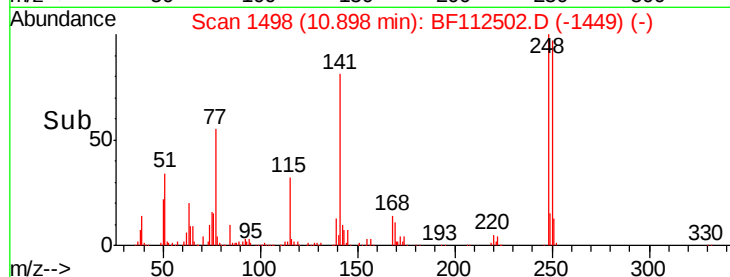
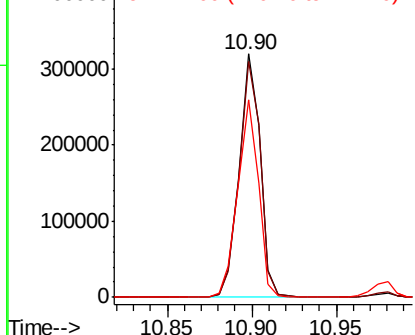
#67
4-Bromophenyl-phenylether
Concen: 40.685 ng
RT: 10.90 min Scan# 1498
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:248 Resp: 276812
Ion Ratio Lower Upper
248 100
250 97.2 79.7 119.5
141 81.4 60.3 90.5

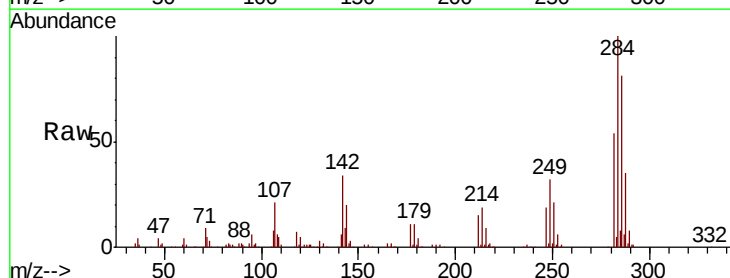


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

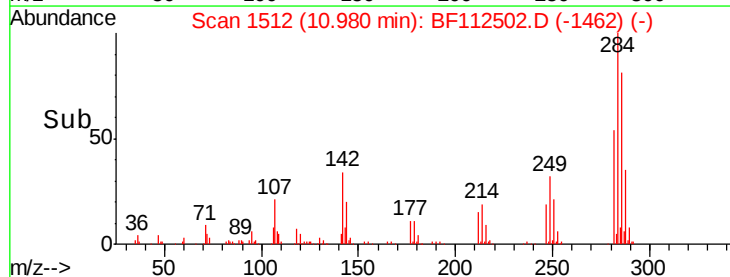
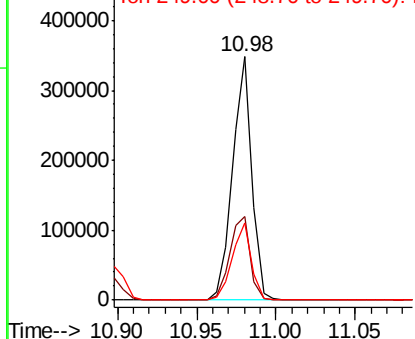


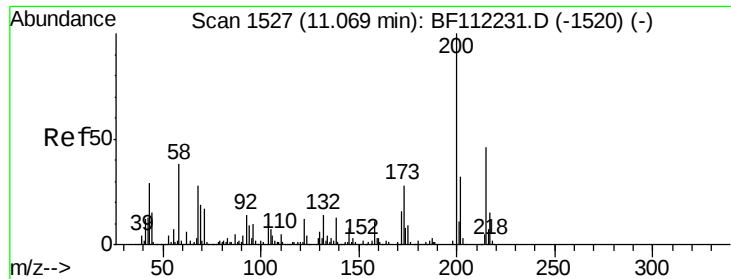
#68
Hexachlorobenzene
Concen: 39.982 ng
RT: 10.98 min Scan# 1512
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion:284 Resp: 291858
Ion Ratio Lower Upper
284 100
142 34.5 27.6 41.4
249 31.7 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

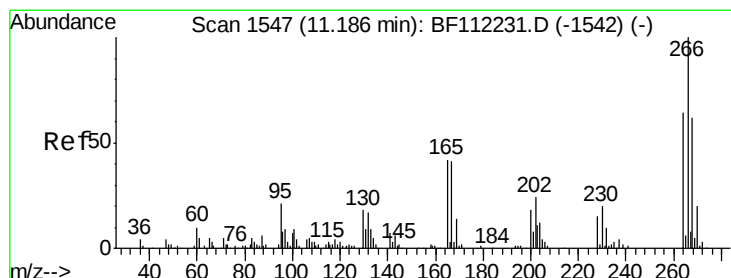
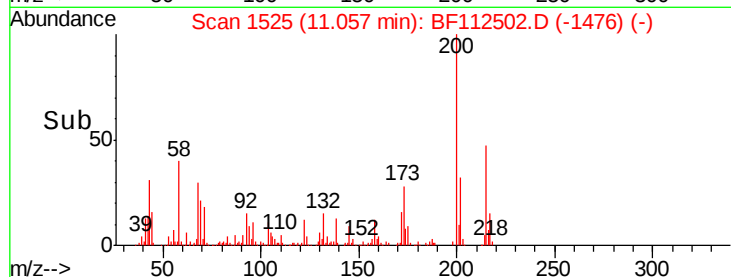
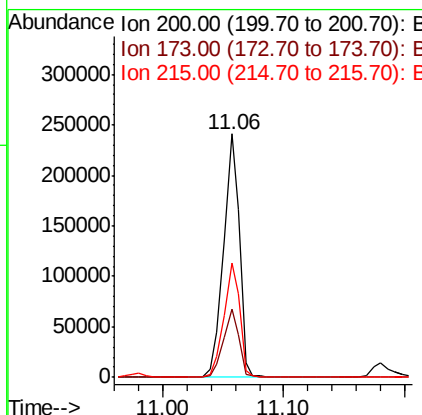
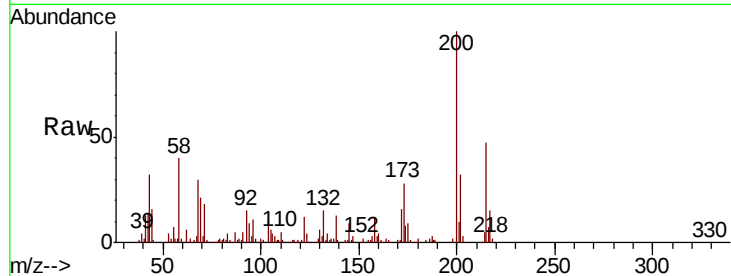




#69
Atrazine
Concen: 34.708 ng
RT: 11.06 min Scan# 1525
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

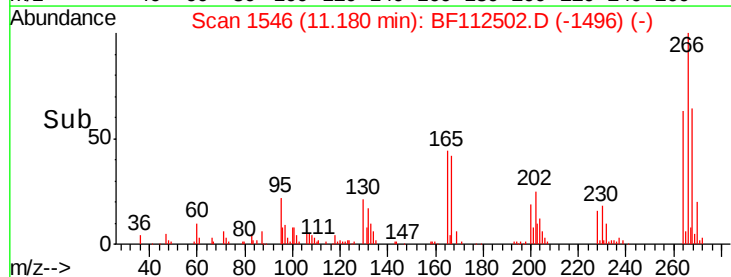
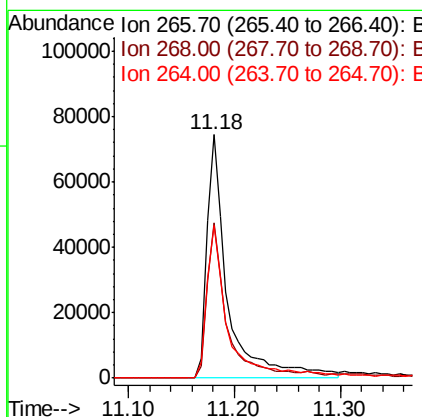
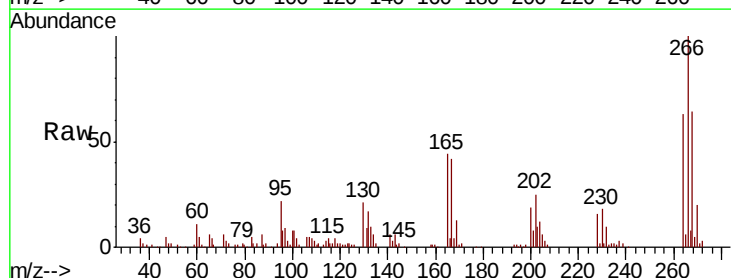
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

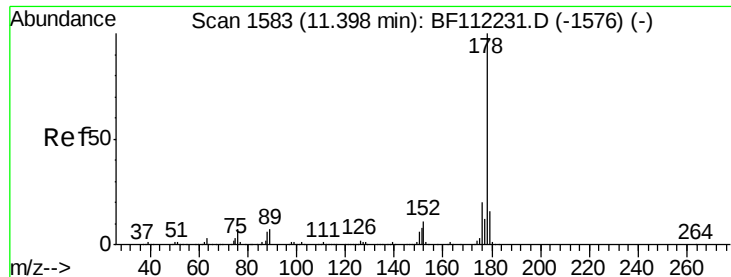
Tgt Ion:200 Resp: 218347
Ion Ratio Lower Upper
200 100
173 28.1 7.1 47.1
215 47.0 30.4 70.4



#70
Pentachlorophenol
Concen: 36.232 ng
RT: 11.18 min Scan# 1546
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion:266 Resp: 102912
Ion Ratio Lower Upper
266 100
268 63.8 51.2 76.8
264 62.9 50.9 76.3

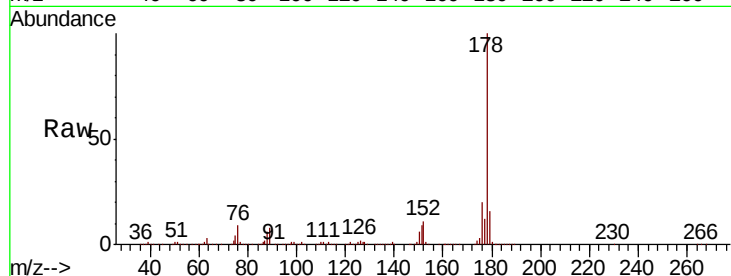




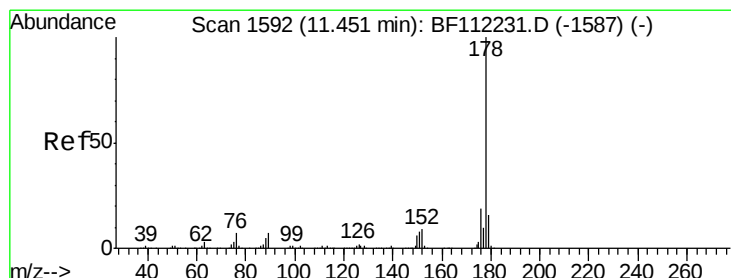
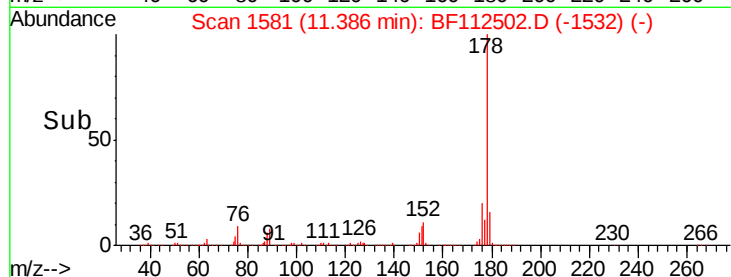
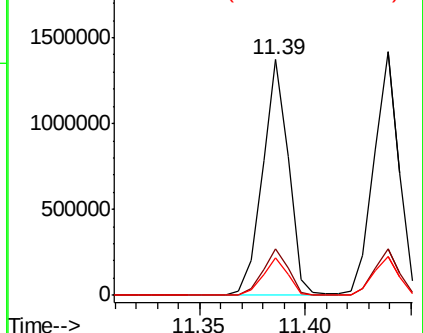
#71
Phenanthrene
Concen: 38.907 ng
RT: 11.39 min Scan# 1581
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:178 Resp: 1170115
Ion Ratio Lower Upper
178 100
176 19.8 16.3 24.5
179 15.9 13.0 19.4

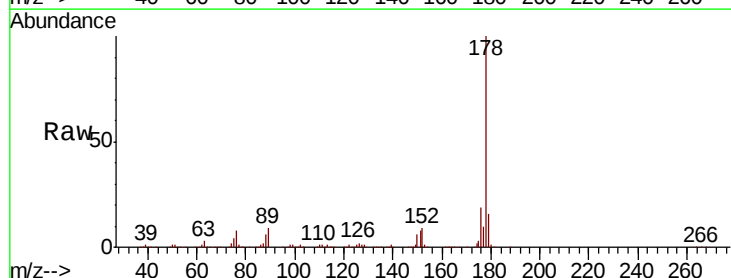


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

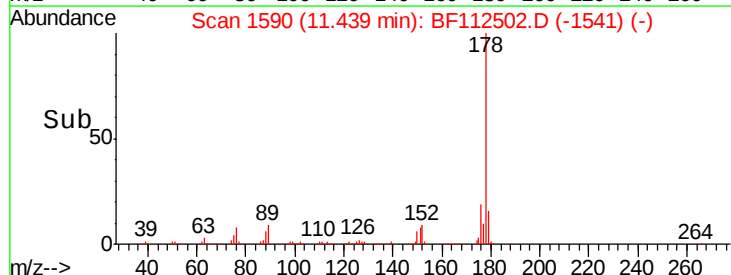
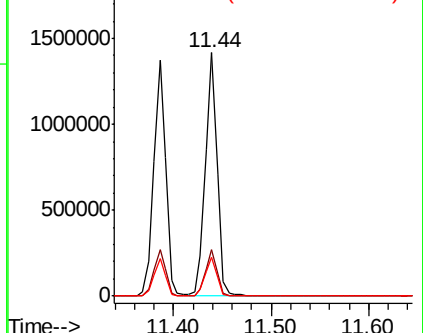


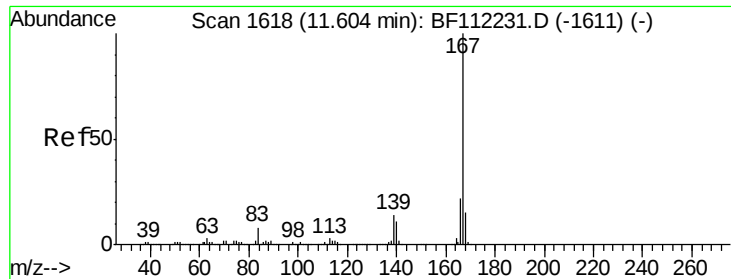
#72
Anthracene
Concen: 39.804 ng
RT: 11.44 min Scan# 1590
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion:178 Resp: 1192447
Ion Ratio Lower Upper
178 100
176 19.2 15.5 23.3
179 16.0 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

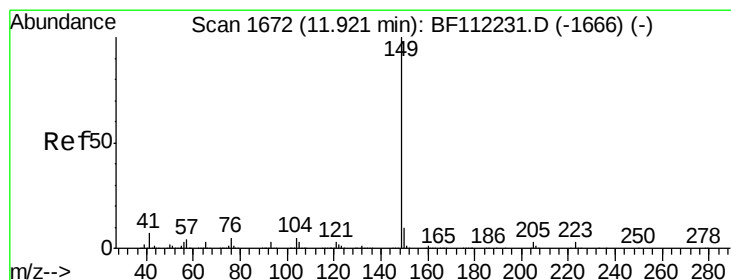
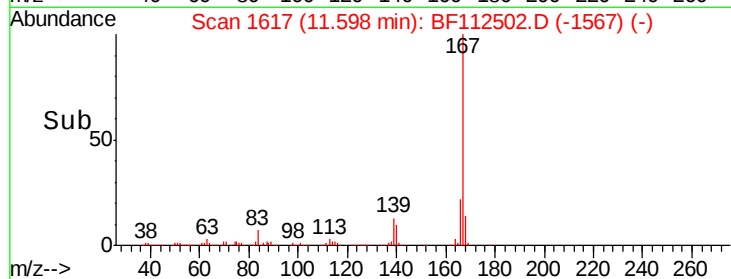
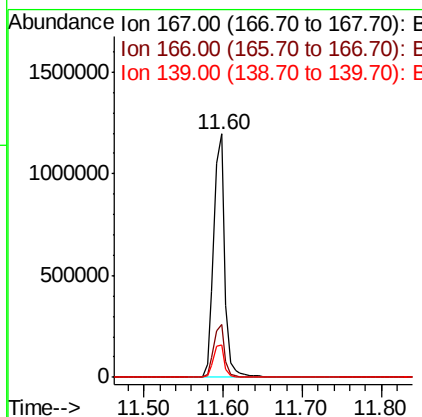
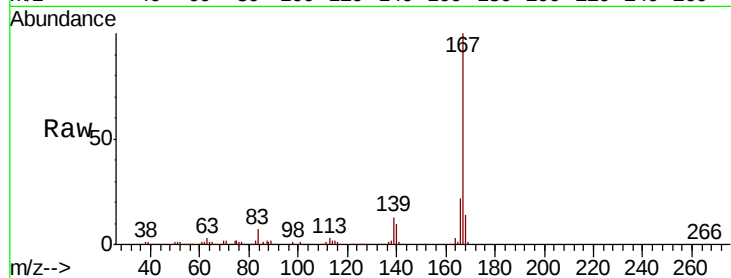




#73
 Carbazole
 Concen: 39.297 ng
 RT: 11.60 min Scan# 1617
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

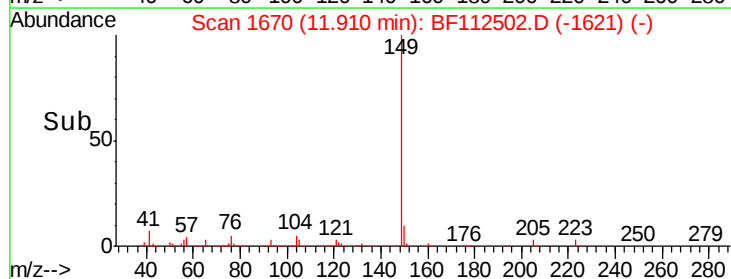
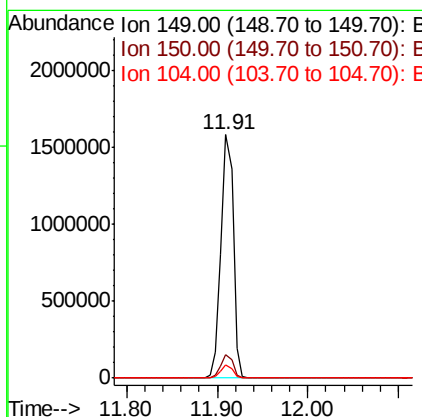
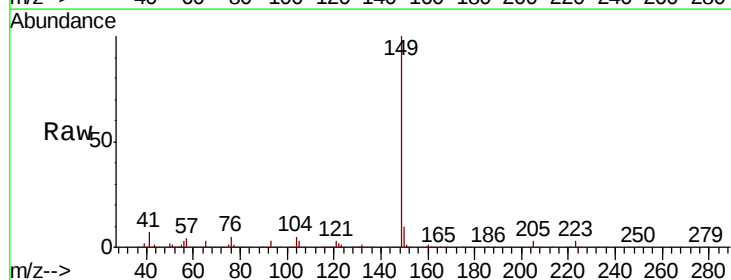
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

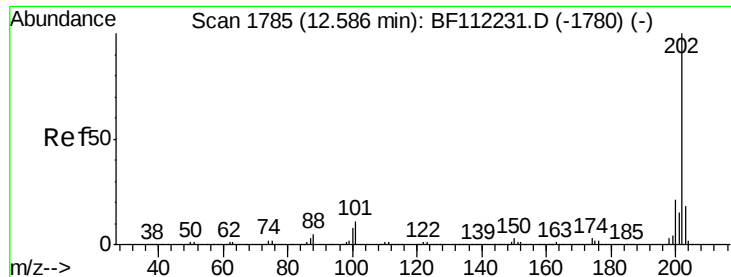
Tgt Ion:167 Resp: 1161270
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.9 26.9
 139 13.4 10.2 15.2



#74
 Di-n-butylphthalate
 Concen: 39.834 ng
 RT: 11.91 min Scan# 1670
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Tgt Ion:149 Resp: 1461097
 Ion Ratio Lower Upper
 149 100
 150 9.7 8.1 12.1
 104 5.3 3.9 5.9

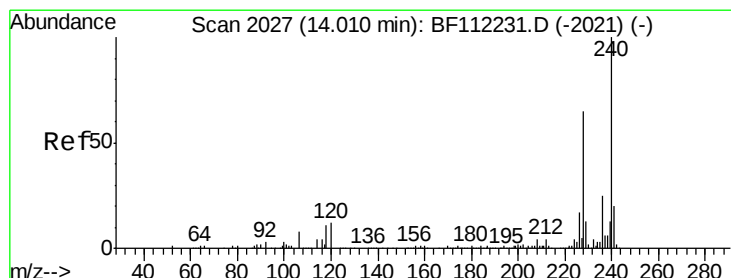
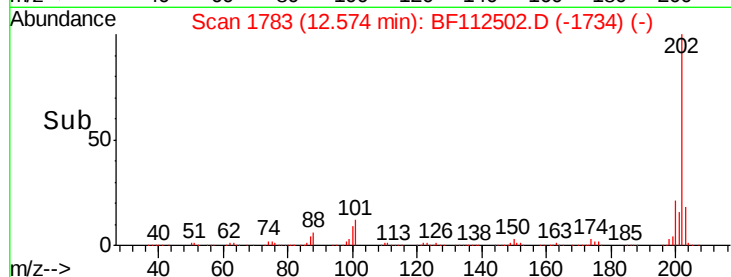
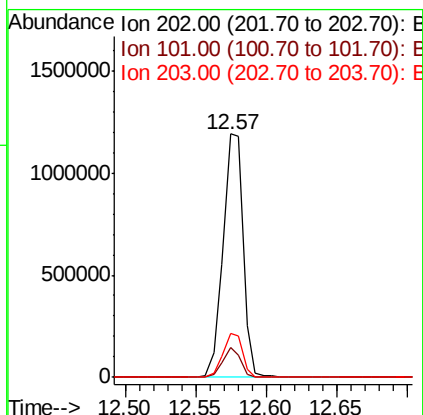
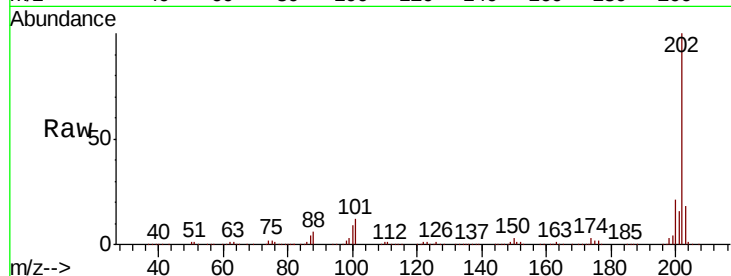




#75
 Fluoranthene
 Concen: 36.710 ng
 RT: 12.57 min Scan# 1783
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

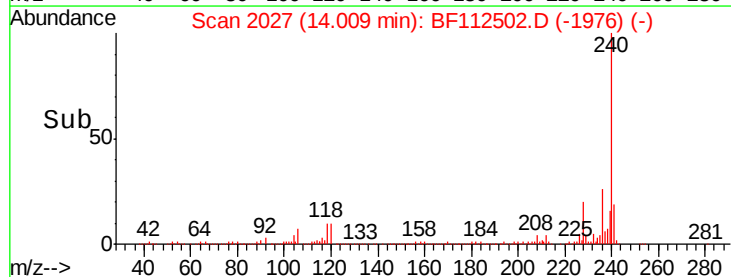
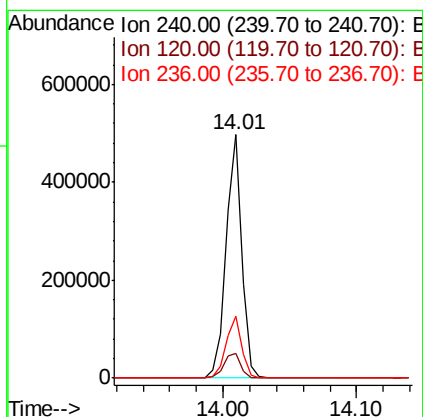
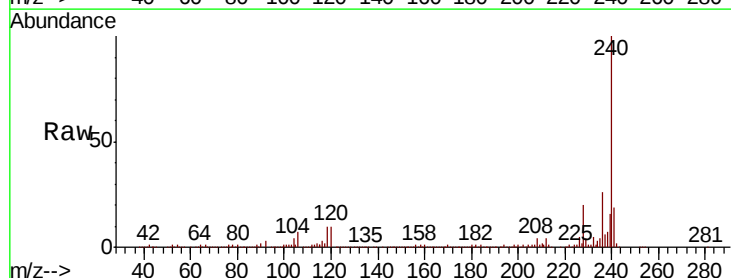
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

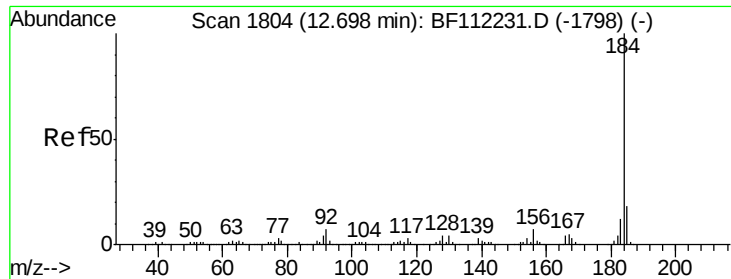
Tgt Ion: 202 Resp: 1184142
 Ion Ratio Lower Upper
 202 100
 101 12.0 0.0 31.8
 203 18.0 0.0 38.4



#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.01 min Scan# 2027
 Delta R.T. -0.00 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Tgt Ion: 240 Resp: 415057
 Ion Ratio Lower Upper
 240 100
 120 10.2 9.0 13.6
 236 25.7 20.7 31.1

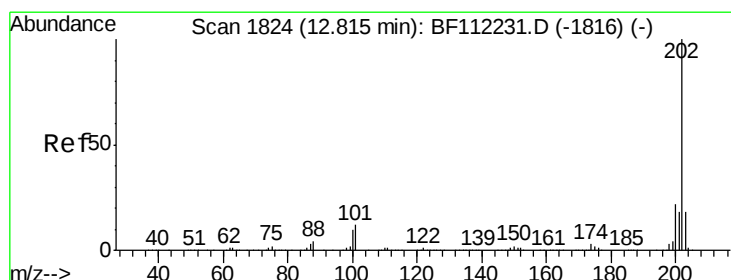
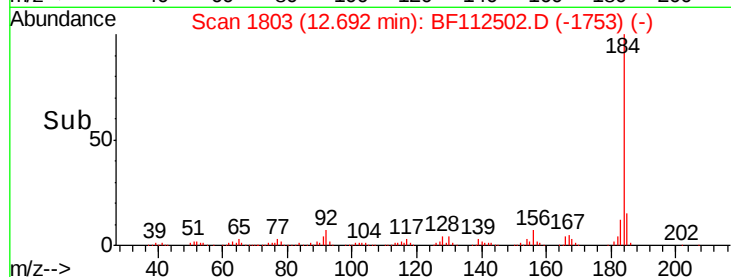
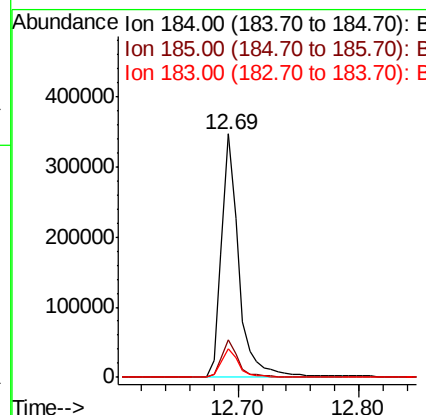
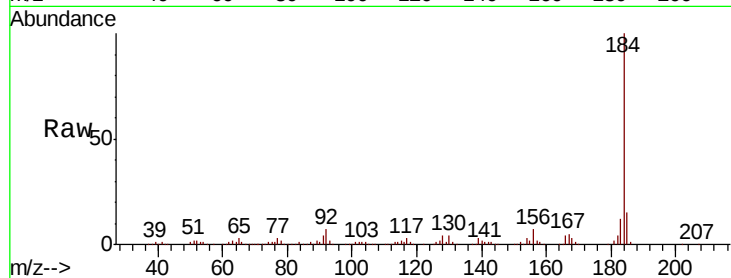




#77
Benzidine
Concen: 30.097 ng
RT: 12.69 min Scan# 1803
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

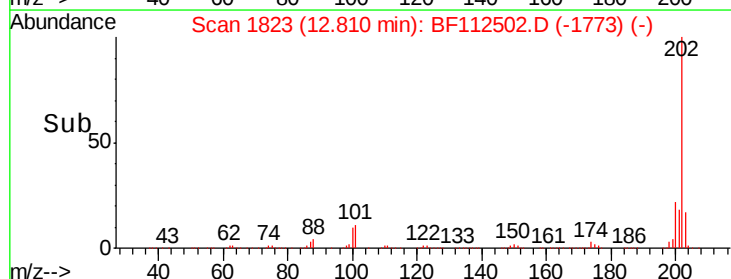
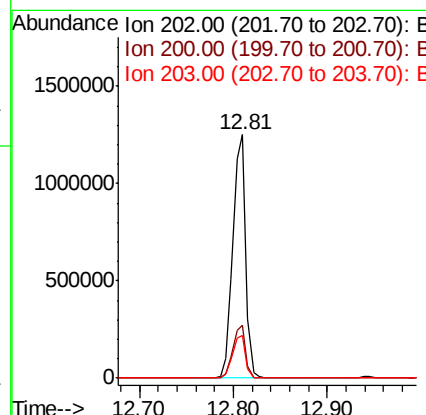
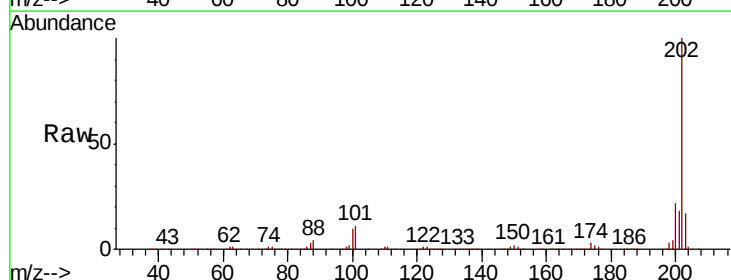
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

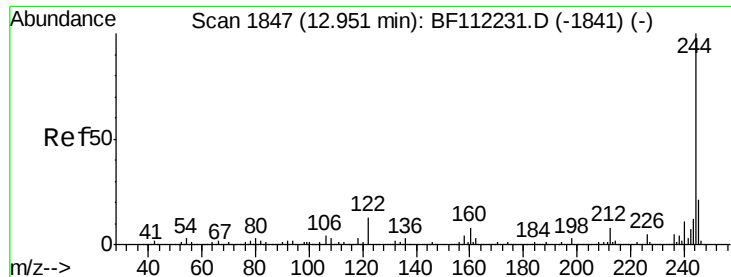
Tgt Ion:184 Resp: 343817
Ion Ratio Lower Upper
184 100
185 15.2 13.9 20.9
183 11.8 10.0 15.0



#78
Pyrene
Concen: 41.354 ng
RT: 12.81 min Scan# 1823
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion:202 Resp: 1188351
Ion Ratio Lower Upper
202 100
200 21.6 17.7 26.5
203 17.3 14.6 22.0

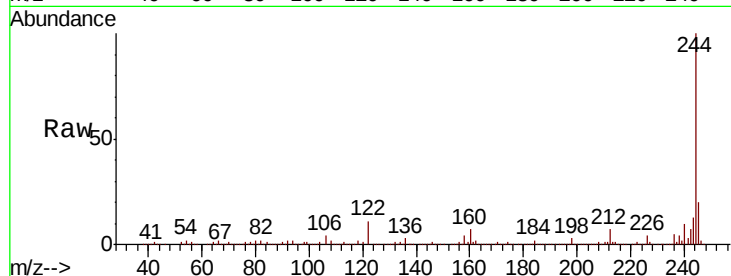




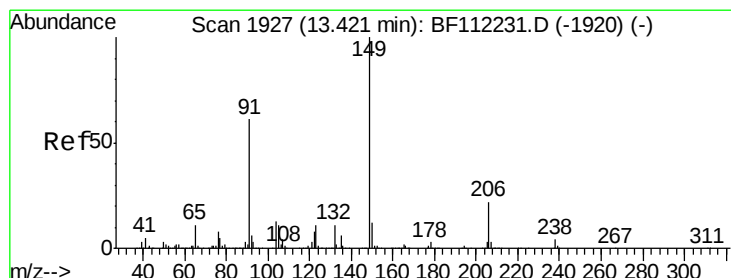
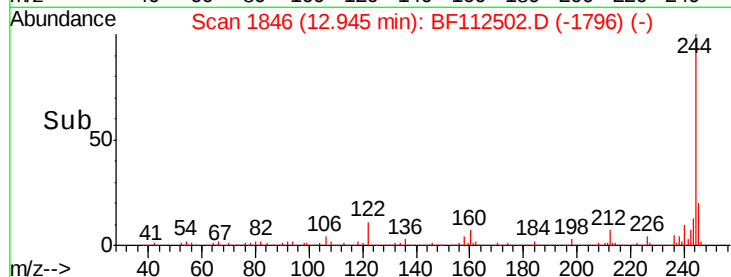
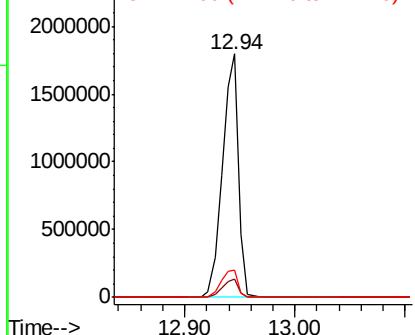
#79
 Terphenyl-d14
 Concen: 81.961 ng
 RT: 12.94 min Scan# 1846
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:244 Resp: 1806193
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.9 8.9
 122 11.0 9.8 14.6

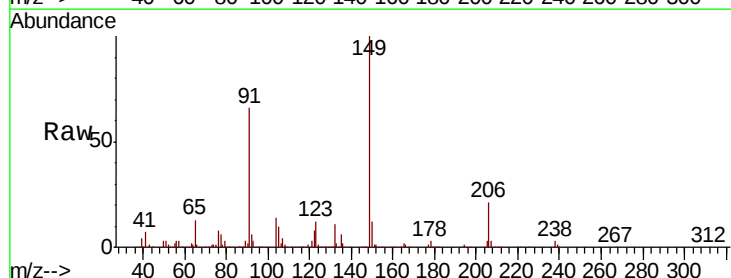


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

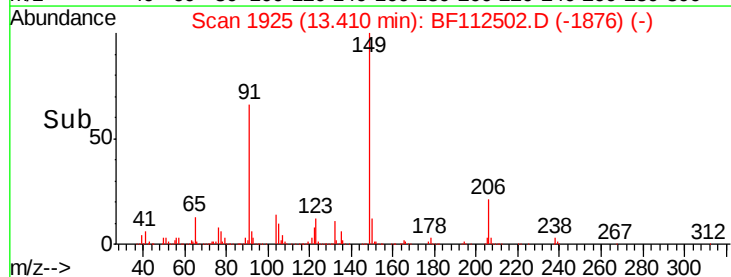
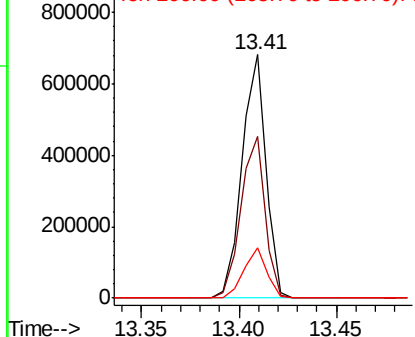


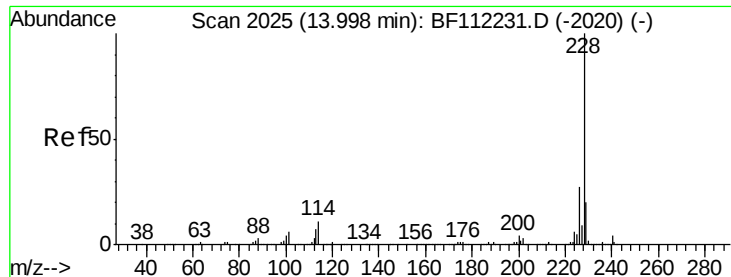
#80
 Butylbenzylphthalate
 Concen: 41.773 ng
 RT: 13.41 min Scan# 1925
 Delta R.T. -0.01 min
 Lab File: BF112502.D
 Acq: 12 Feb 2019 10:14

Tgt Ion:149 Resp: 580780
 Ion Ratio Lower Upper
 149 100
 91 66.2 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: 39.594 ng

RT: 14.00 min Scan# 2025

Delta R.T. -0.00 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

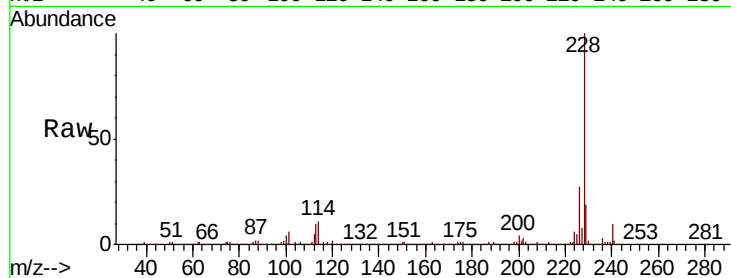
Tgt Ion:228 Resp: 966064

Ion Ratio Lower Upper

228 100

226 26.8 22.6 34.0

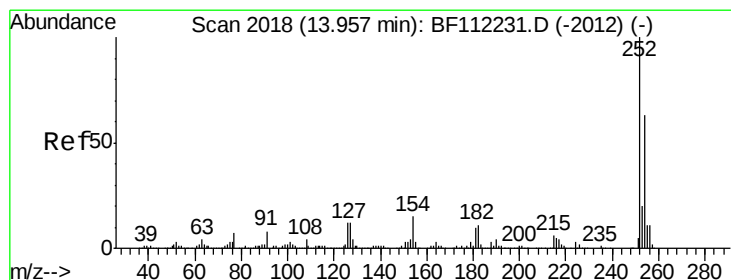
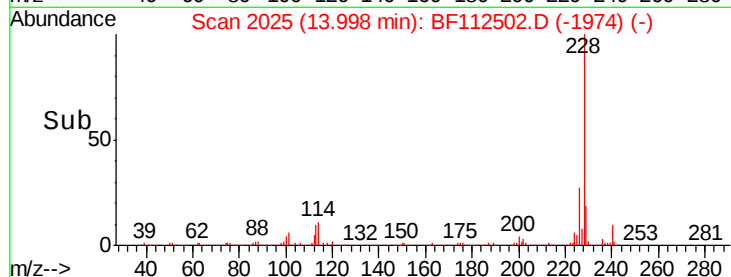
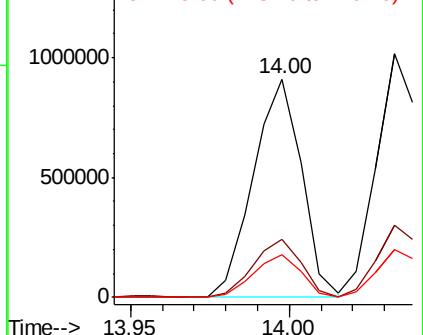
229 19.4 16.5 24.7



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: 39.527 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

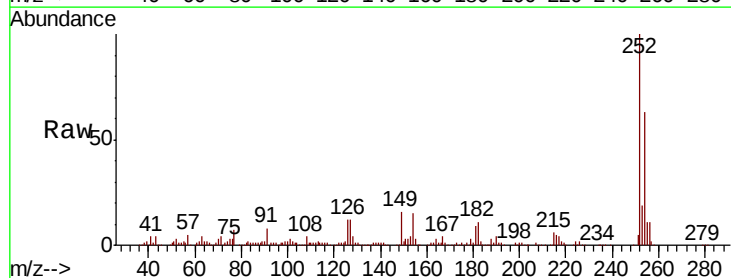
Tgt Ion:252 Resp: 360932

Ion Ratio Lower Upper

252 100

254 63.4 51.6 77.4

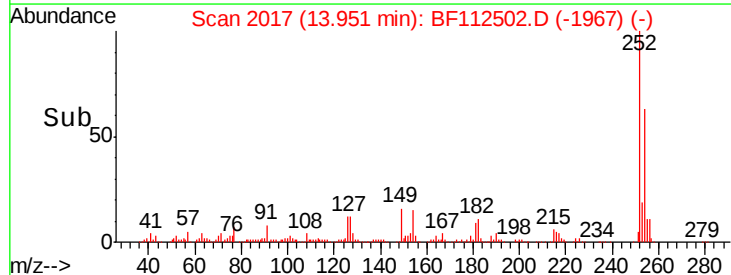
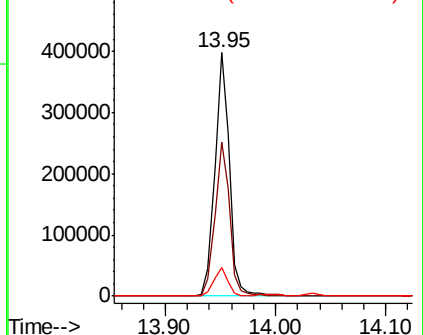
126 12.0 8.6 12.8

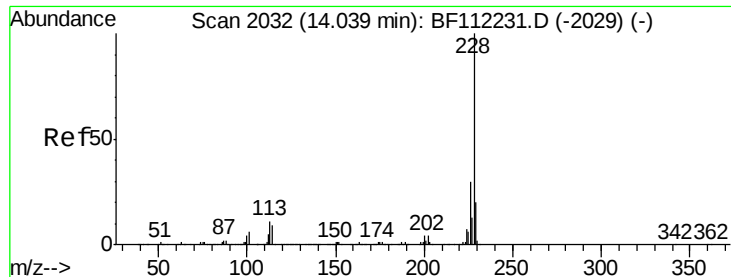


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.955 ng

RT: 14.03 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

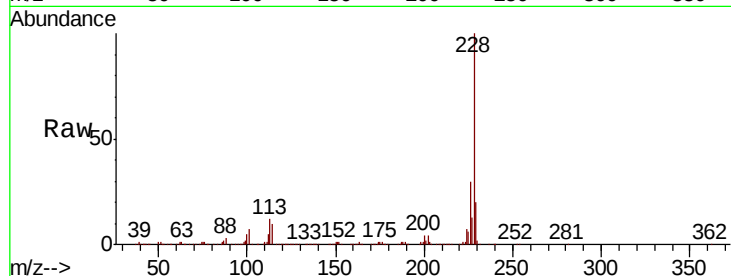
Tgt Ion:228 Resp: 930558

Ion Ratio Lower Upper

228 100

226 29.8 25.0 37.6

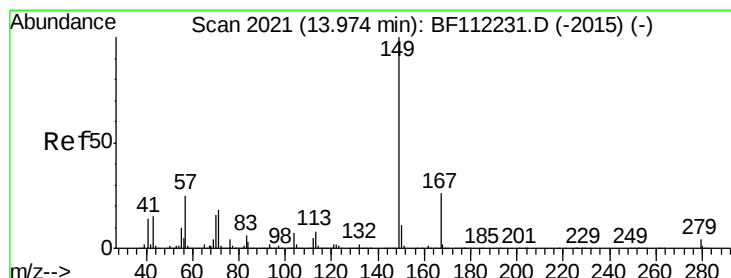
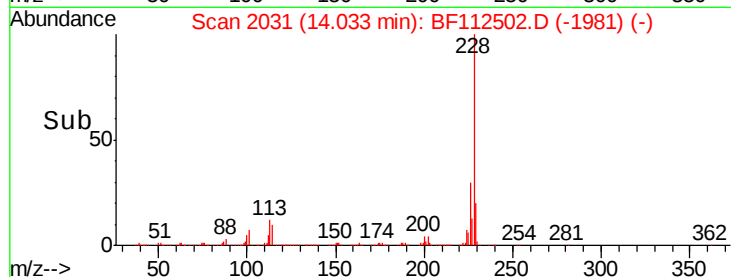
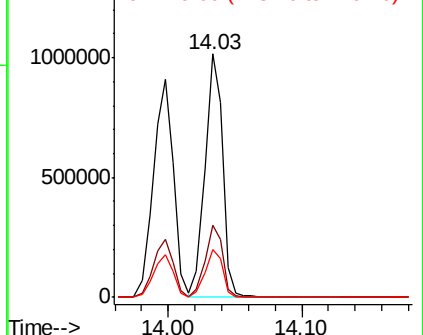
229 19.8 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 40.355 ng

RT: 13.96 min Scan# 2019

Delta R.T. -0.01 min

Lab File: BF112502.D

Acq: 12 Feb 2019 10:14

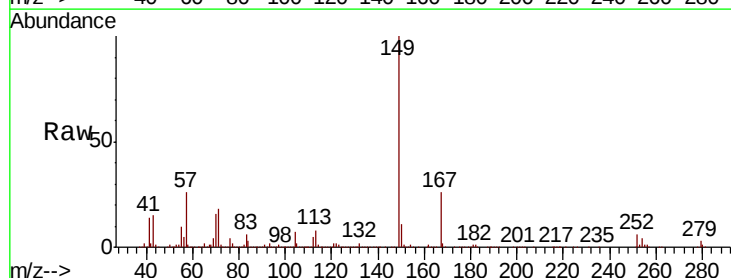
Tgt Ion:149 Resp: 796409

Ion Ratio Lower Upper

149 100

167 26.1 22.5 33.7

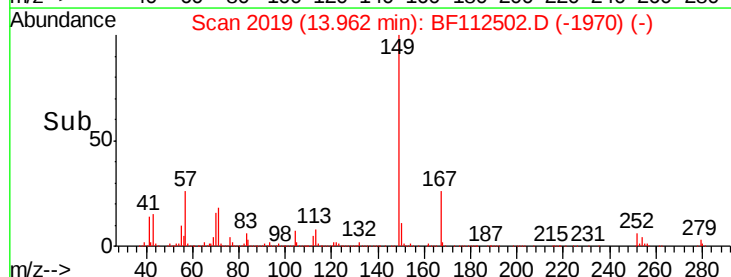
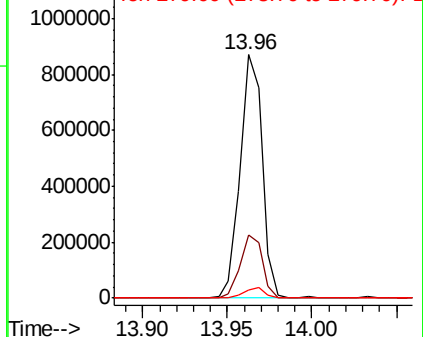
279 3.5 3.8 5.6#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

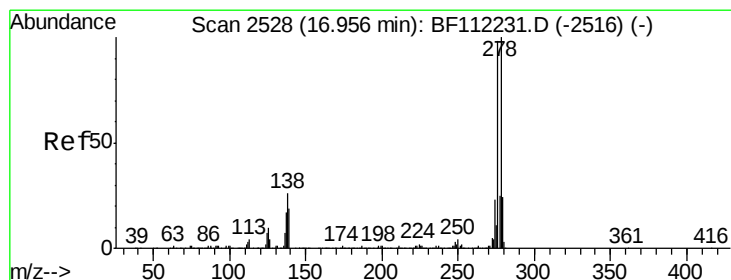
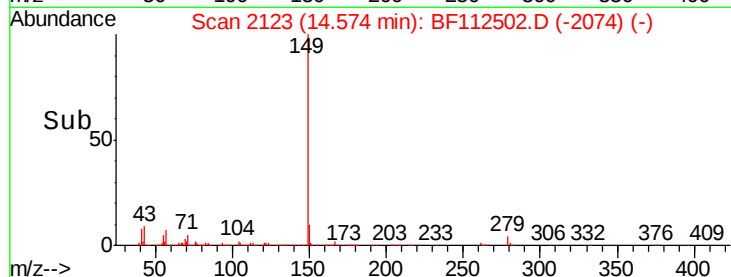
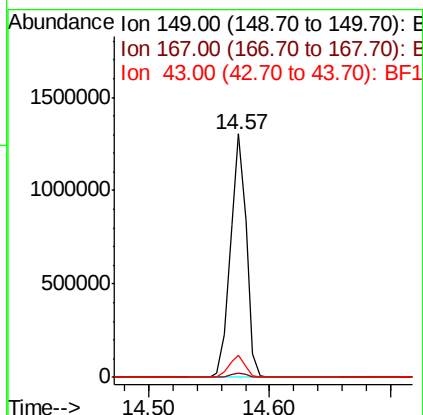
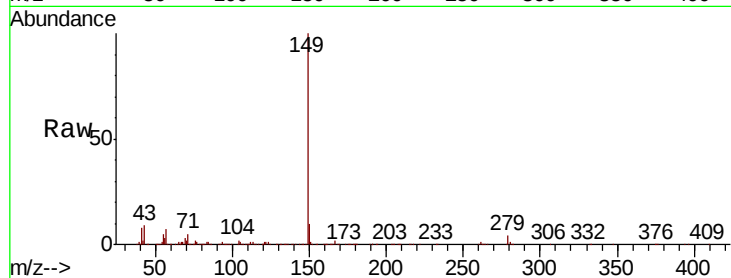




#85
Di-n-octyl phthalate
Concen: 39.114 ng
RT: 14.57 min Scan# 2123
Delta R.T. -0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

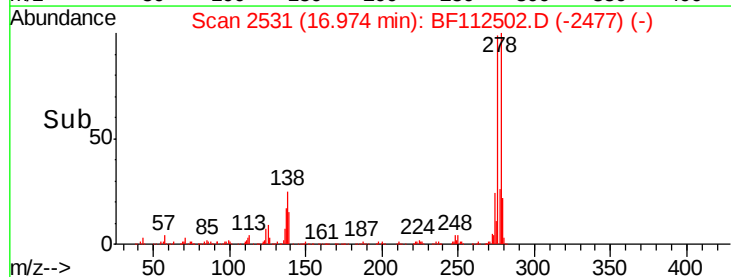
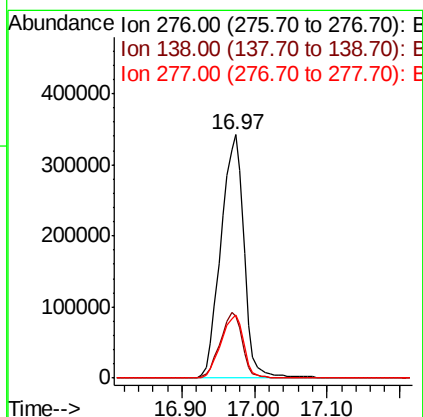
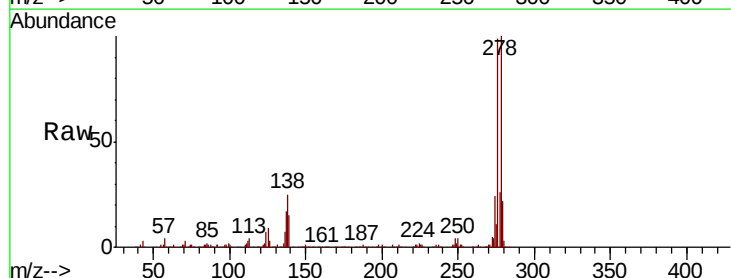
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

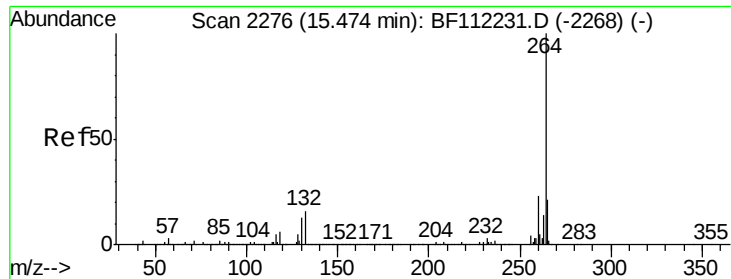
Tgt Ion:149 Resp: 1187631
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 9.0 7.8 11.6



#86
Indeno(1,2,3-cd)pyrene
Concen: 41.207 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.02 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion:276 Resp: 760472
Ion Ratio Lower Upper
276 100
138 25.8 22.6 34.0
277 25.7 20.3 30.5

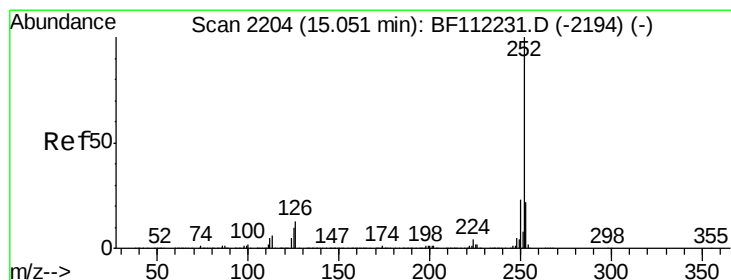
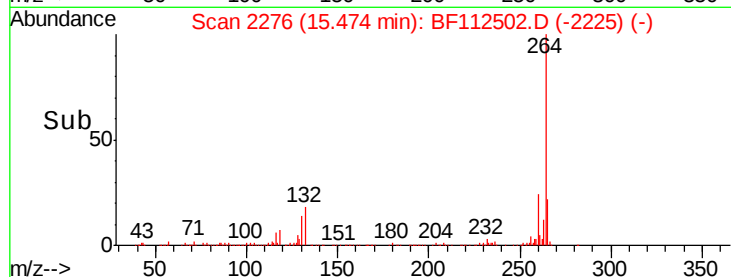
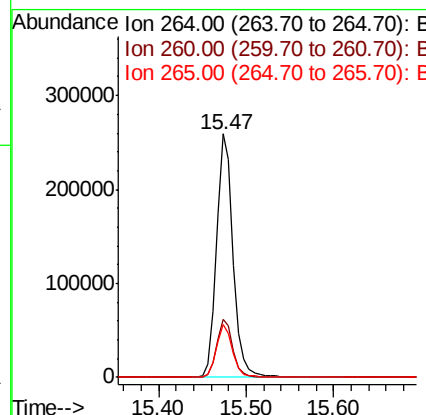
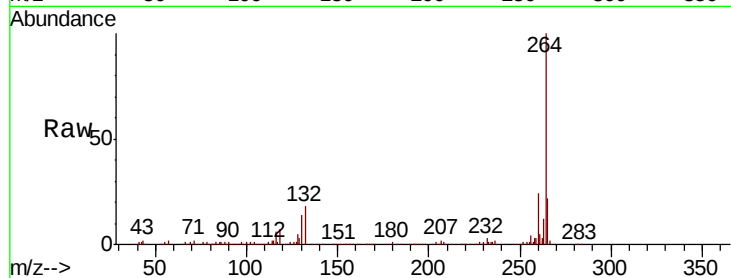




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.47 min Scan# 2276
Delta R.T. -0.00 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

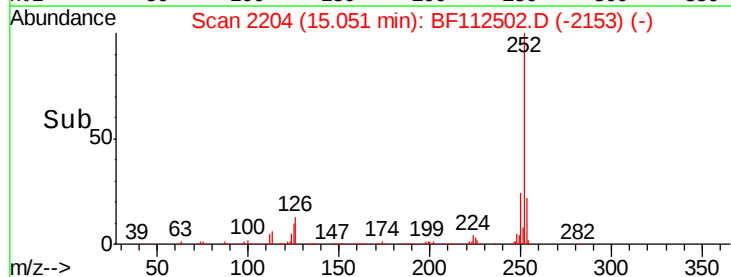
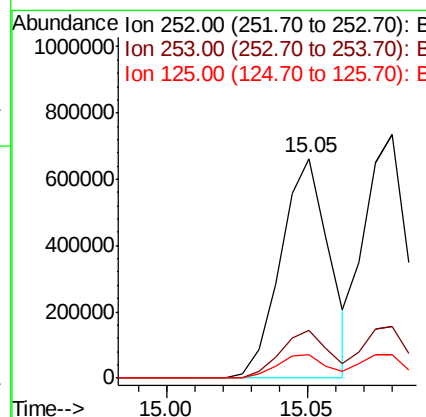
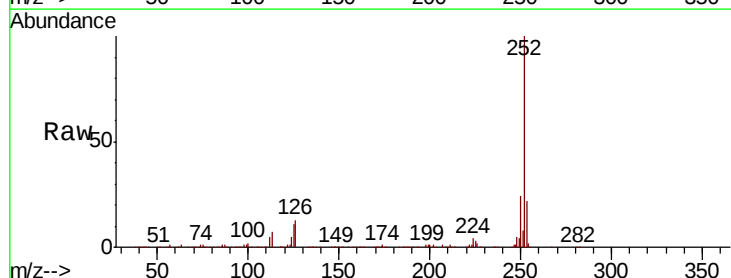
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

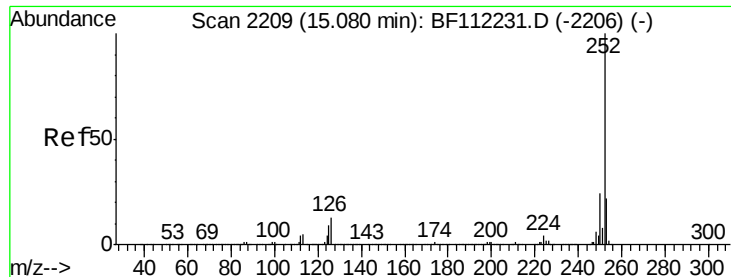
Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.7	18.2	27.2
265	21.6	17.0	25.4



#88
Benzo(b)fluoranthene
Concen: 38.834 ng
RT: 15.05 min Scan# 2204
Delta R.T. -0.00 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.8	18.0	27.0
125	10.6	8.7	13.1

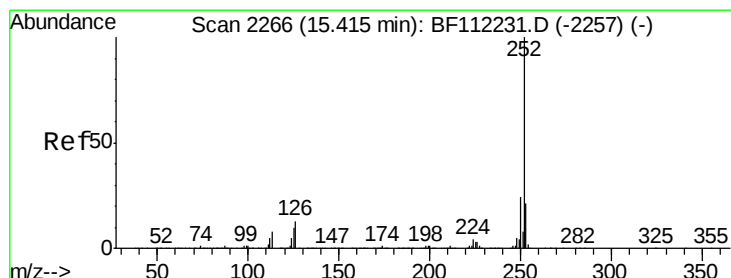
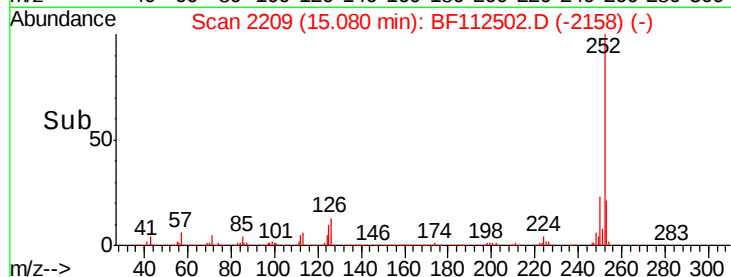
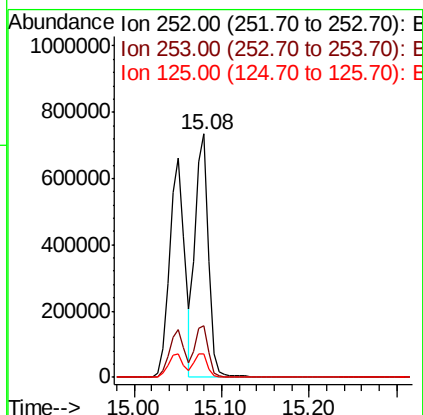
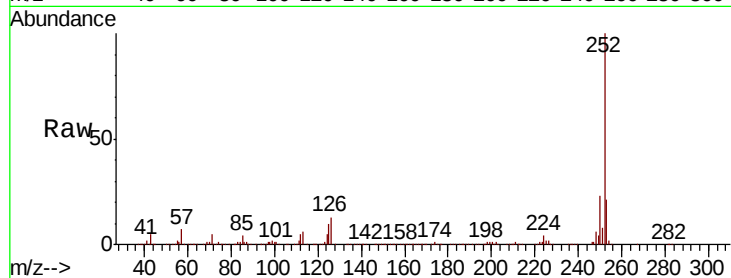




#89
Benzo(k)fluoranthene
Concen: 39.894 ng
RT: 15.08 min Scan# 2209
Delta R.T. -0.00 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

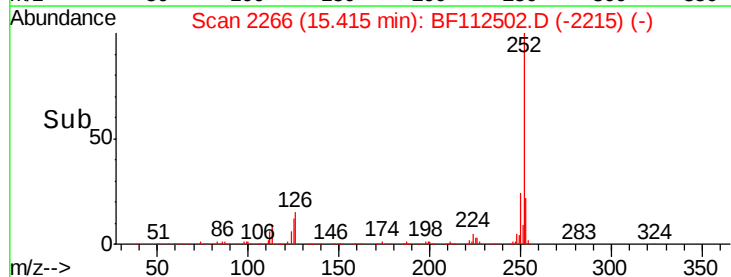
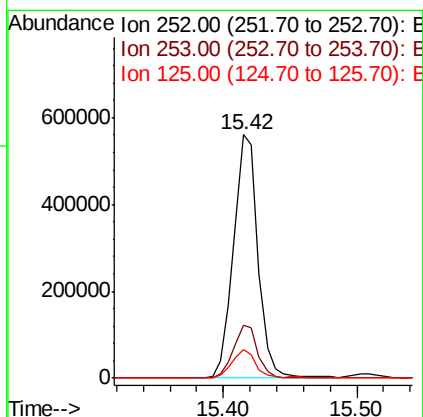
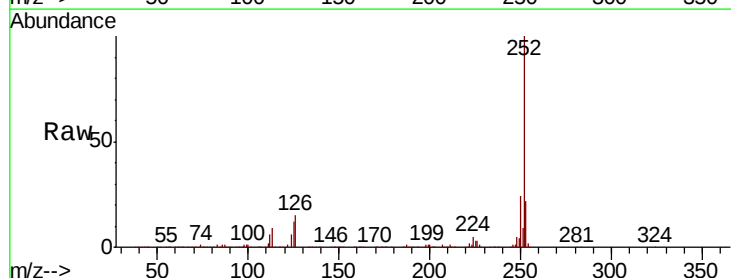
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

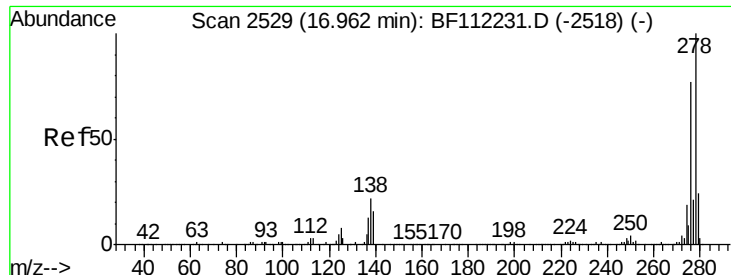
Tgt Ion:252 Resp: 777780
Ion Ratio Lower Upper
252 100
253 21.5 18.0 27.0
125 9.9 9.1 13.7



#90
Benzo(a)pyrene
Concen: 39.408 ng
RT: 15.42 min Scan# 2266
Delta R.T. -0.00 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion:252 Resp: 721727
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 11.9 9.0 13.4

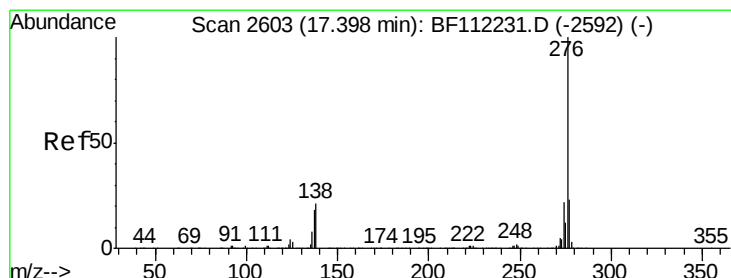
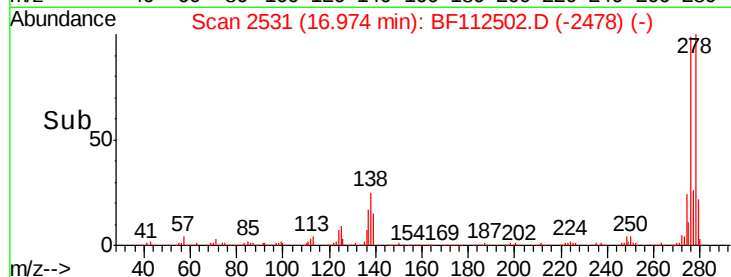
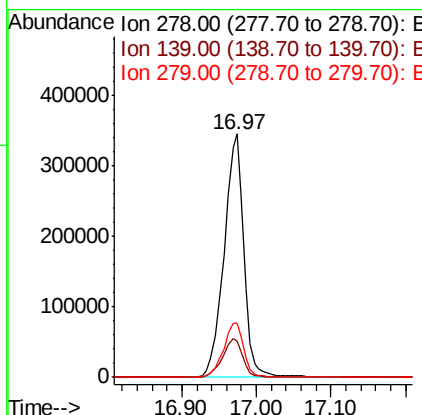
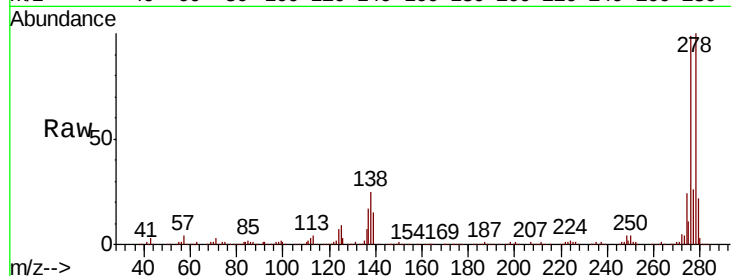




#91
Dibenzo(a,h)anthracene
Concen: 43.393 ng
RT: 16.97 min Scan# 2531
Delta R.T. 0.01 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
278	100		
139	15.0	13.7	20.5
279	22.4	19.0	28.6



#92
Benzo(g,h,i)perylene
Concen: 44.144 ng
RT: 17.42 min Scan# 2606
Delta R.T. 0.02 min
Lab File: BF112502.D
Acq: 12 Feb 2019 10:14

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.1	19.4	29.0
138	20.6	19.1	28.7

