

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111244.D
 Acq On : 10 Dec 2018 16:12
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 11 03:56:08 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF120818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 10 01:15:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	641602	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2602995	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1231785	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	2060160	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1266386	20.00	ng	0.00
87) Perylene-d12	15.40	264	1108715	20.00	ng	0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	3026493	74.49	ng	0.00
7) Phenol-d6	6.43	99	3910145	77.44	ng	0.00
23) Nitrobenzene-d5	7.37	82	3594752	77.46	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	824010	75.52	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	5182186	69.03	ng	0.00
79) Terphenyl-d14	12.91	244	4178613	79.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	782844	37.551	ng	98
3) Pyridine	3.26	79	2144504	38.720	ng	99
4) n-Nitrosodimethylamine	3.20	42	913634	38.690	ng	100
6) Aniline	6.46	93	2675200	39.735	ng	99
8) 2-Chlorophenol	6.59	128	1799262	38.958	ng	99
9) Benzaldehyde	6.35	77	1189970	40.427	ng	99
10) Phenol	6.45	94	2284513	38.692	ng	92
11) bis(2-Chloroethyl)ether	6.54	93	1777442	38.925	ng	98
12) 1,3-Dichlorobenzene	6.75	146	1905245	38.393	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1913046	38.179	ng	100
14) 1,2-Dichlorobenzene	6.97	146	1751156	37.470	ng	98
15) Benzyl Alcohol	6.95	79	1548648	38.756	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3329375	38.943	ng	99
17) 2-Methylphenol	7.06	107	1496633	39.691	ng	99
18) Hexachloroethane	7.32	117	737803	38.674	ng	99
19) n-Nitroso-di-n-propylamine	7.22	70	1322126	39.086	ng	98
20) 3+4-Methylphenols	7.21	107	1695778	37.810	ng	95
22) Acetophenone	7.22	105	2244835	37.691	ng	# 93
24) Nitrobenzene	7.39	77	1889847	39.126	ng	95
25) Isophorone	7.63	82	3132539	39.631	ng	100
26) 2-Nitrophenol	7.70	139	978906	40.791	ng	99
27) 2,4-Dimethylphenol	7.74	122	1447545	39.035	ng	99
28) bis(2-Chloroethoxy)methane	7.83	93	2113324	38.609	ng	100
29) 2,4-Dichlorophenol	7.94	162	1484780	39.157	ng	100
30) 1,2,4-Trichlorobenzene	8.03	180	1458271	39.043	ng	98
31) Naphthalene	8.11	128	4386308	38.610	ng	98
32) Benzoic acid	7.87	122	1225851	39.975	ng	97
33) 4-Chloroaniline	8.15	127	2133493	39.100	ng	99
34) Hexachlorobutadiene	8.23	225	801076	38.854	ng	99
35) Caprolactam	8.53	113	557273	41.475	ng	97
36) 4-Chloro-3-methylphenol	8.64	107	1572839	40.513	ng	96
37) 2-Methylnaphthalene	8.80	142	2935958	38.926	ng	98
38) 1-Methylnaphthalene	8.90	142	2854620	38.647	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1240333	36.188	ng	99

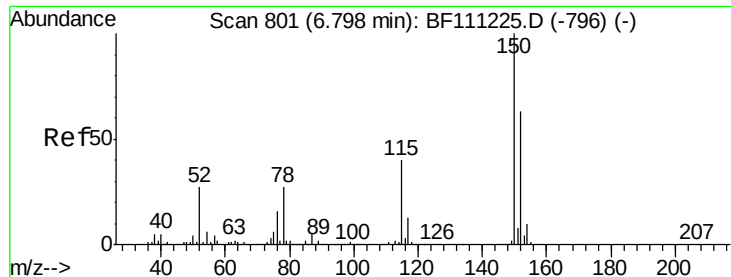
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121018\
 Data File : BF111244.D
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 QLast Update : Mon Dec 10 01:15:27 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	690786	35.390	ng	100
43) 2,4,6-Trichlorophenol	9.07	196	961630	37.377	ng	98
44) 2,4,5-Trichlorophenol	9.12	196	1008626	37.634	ng	96
46) 1,1'-Biphenyl	9.26	154	3702559	36.155	ng	98
47) 2-Chloronaphthalene	9.29	162	2926594	36.311	ng	99
48) 2-Nitroaniline	9.38	65	1067145	38.814	ng	92
49) Acenaphthylene	9.70	152	4134647	35.337	ng	98
50) Dimethylphthalate	9.57	163	3231241	35.552	ng	100
51) 2,6-Dinitrotoluene	9.62	165	795784	39.647	ng	89
52) Acenaphthene	9.87	154	2730336	37.184	ng	99
53) 3-Nitroaniline	9.79	138	970567	39.176	ng	95
54) 2,4-Dinitrophenol	9.89	184	299632	37.776	ng	84
55) Dibenzofuran	10.05	168	3790623	37.947	ng	96
56) 4-Nitrophenol	9.95	139	762149	39.499	ng	98
57) 2,4-Dinitrotoluene	10.02	165	1020205	41.230	ng	91
58) Fluorene	10.39	166	2633404	34.067	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	775671	38.182	ng	99
60) Diethylphthalate	10.26	149	3278438	37.835	ng	99
61) 4-Chlorophenyl-phenylether	10.38	204	1342608	34.981	ng	98
62) 4-Nitroaniline	10.40	138	934766	39.876	ng	98
63) Azobenzene	10.54	77	3333000	37.049	ng	98
65) 4,6-Dinitro-2-methylphenol	10.43	198	458460	37.805	ng	95
66) n-Nitrosodiphenylamine	10.50	169	2726241	38.875	ng	99
67) 4-Bromophenyl-phenylether	10.87	248	879309	38.969	ng	95
68) Hexachlorobenzene	10.94	284	892092	38.864	ng	95
69) Atrazine	11.03	200	824325	38.654	ng	98
70) Pentachlorophenol	11.13	266	665817	39.985	ng	96
71) Phenanthrene	11.35	178	3755807	36.144	ng	100
72) Anthracene	11.40	178	3862858	35.532	ng	99
73) Carbazole	11.55	167	3965802	34.887	ng	97
74) Di-n-butylphthalate	11.89	149	4421220	37.840	ng	100
75) Fluoranthene	12.53	202	3675249	38.718	ng	96
77) Benzidine	12.65	184	2017411	53.652	ng	99
78) Pyrene	12.76	202	3790814	41.889	ng	99
80) Butylbenzylphthalate	13.39	149	1892724	40.042	ng	96
81) Benzo(a)anthracene	13.95	228	2655474	37.586	ng	100
82) 3,3'-Dichlorobenzidine	13.91	252	1109579	38.317	ng	97
83) Chrysene	13.99	228	2767123	37.991	ng	98
84) Bis(2-ethylhexyl)phthalate	13.95	149	2104136	37.462	ng	99
85) Di-n-octyl phthalate	14.57	149	3465607	36.812	ng	100
86) Indeno(1,2,3-cd)pyrene	16.82	276	2398518	40.795	ng	99
88) Benzo(b)fluoranthene	14.99	252	2314215	37.743	ng	98
89) Benzo(k)fluoranthene	15.02	252	2340940	40.608	ng	98
90) Benzo(a)pyrene	15.34	252	2198580	38.938	ng	100
91) Dibenzo(a,h)anthracene	16.83	278	1989259	44.855	ng	99
92) Benzo(g,h,i)perylene	17.24	276	2050598	46.190	ng	98

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

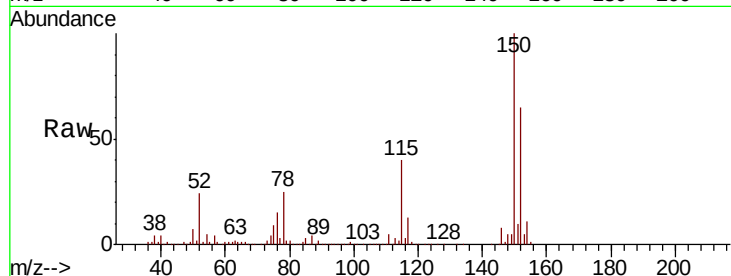


#1

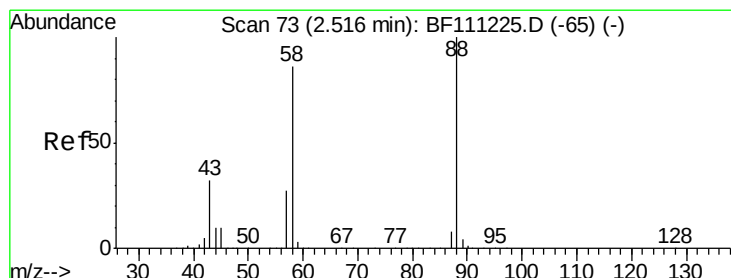
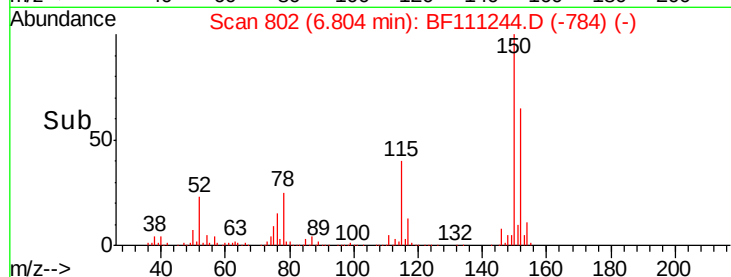
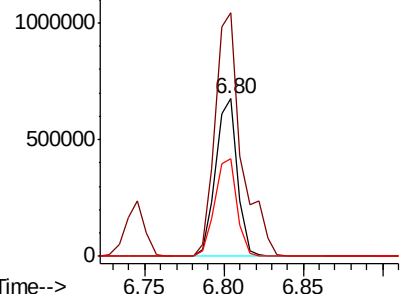
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:152 Resp: 641602
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 62.3 50.7 76.1



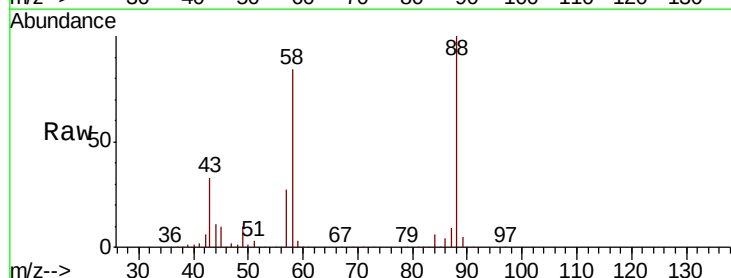
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



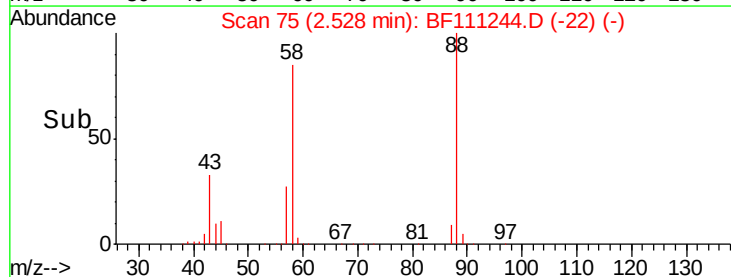
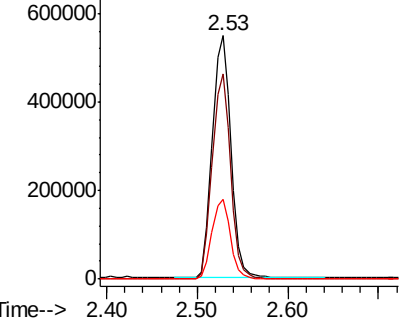
#2

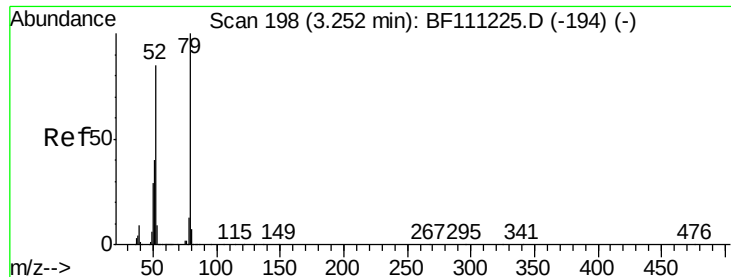
1,4-Dioxane
Concen: 37.551 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.01 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Tgt Ion: 88 Resp: 782844
Ion Ratio Lower Upper
88 100
58 83.1 68.9 103.3
43 32.1 25.8 38.6



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: 38.720 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

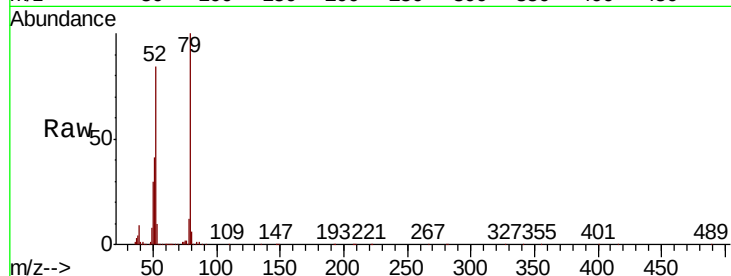
Tgt Ion: 79 Resp: 2144504

Ion Ratio Lower Upper

79 100

52 84.0 68.3 102.5

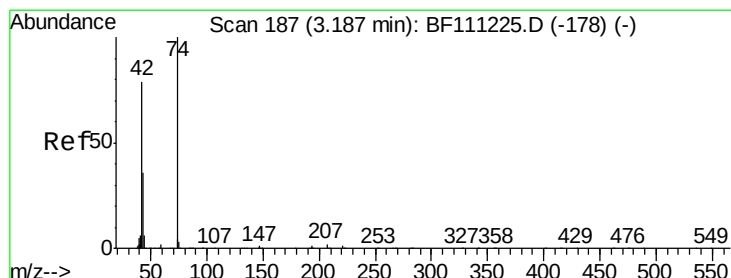
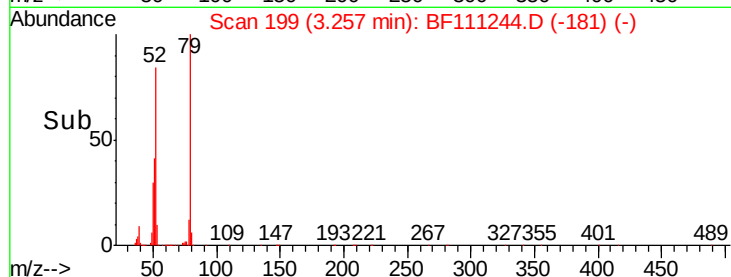
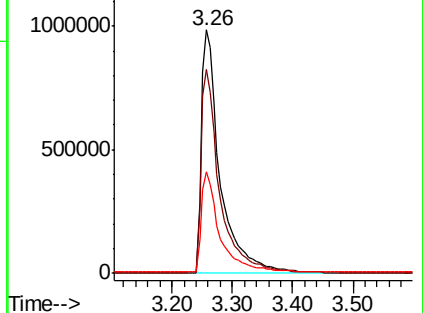
51 41.5 32.6 49.0



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 38.690 ng

RT: 3.20 min Scan# 189

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

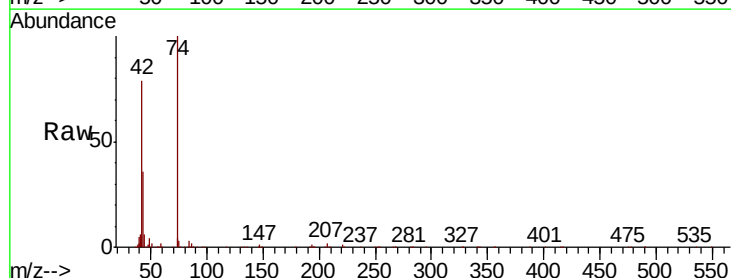
Tgt Ion: 42 Resp: 913634

Ion Ratio Lower Upper

42 100

74 126.6 101.5 152.3

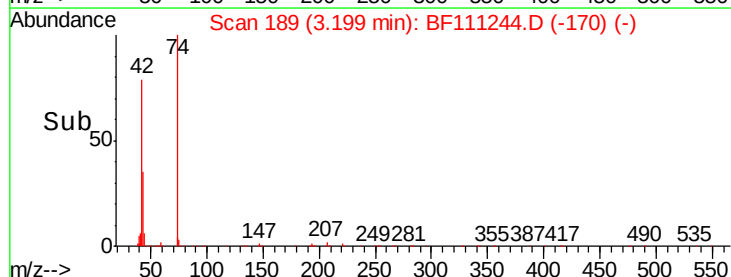
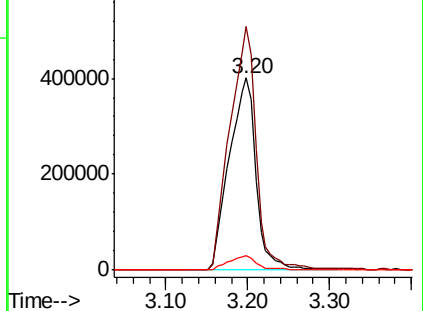
44 7.8 6.0 9.0

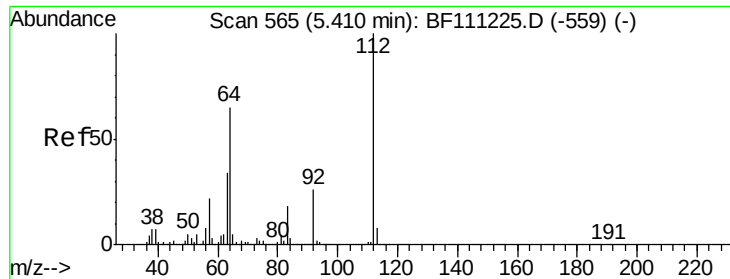


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 74.486 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

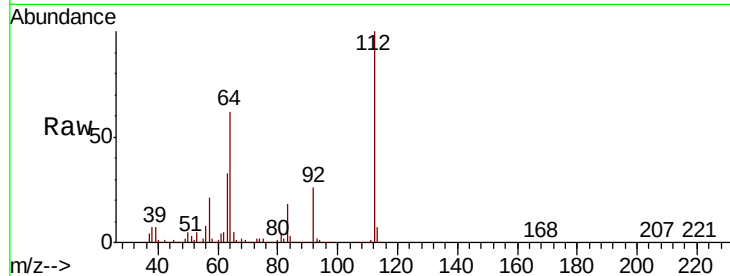
Tgt Ion:112 Resp: 3026493

Ion Ratio Lower Upper

112 100

64 62.3 51.8 77.6

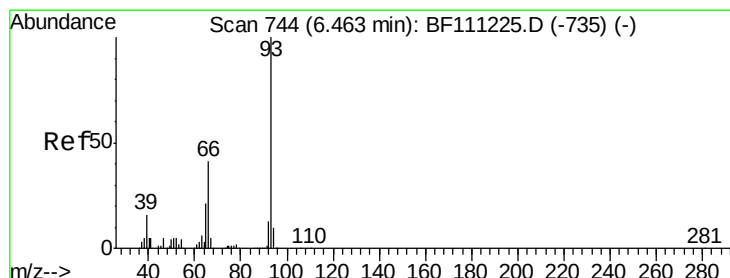
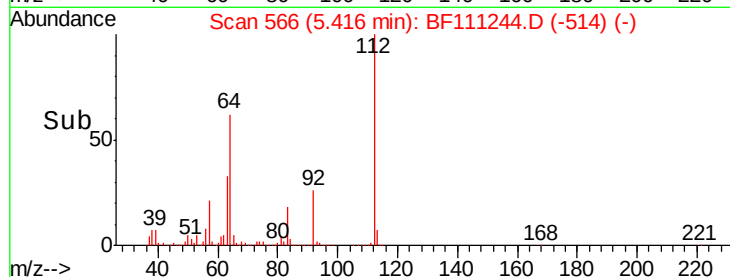
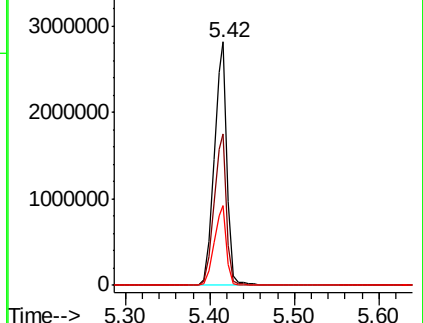
63 32.6 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 39.735 ng

RT: 6.46 min Scan# 744

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

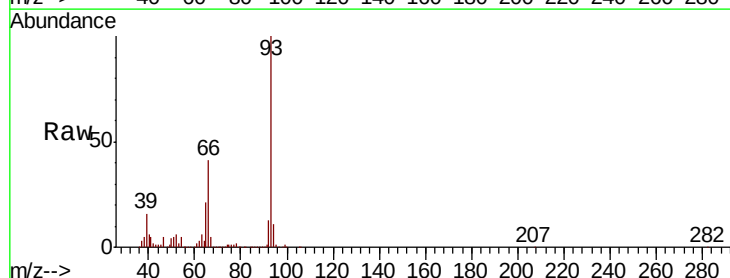
Tgt Ion: 93 Resp: 2675200

Ion Ratio Lower Upper

93 100

66 41.1 33.2 49.8

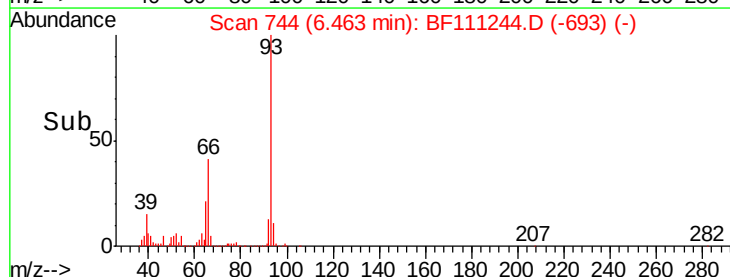
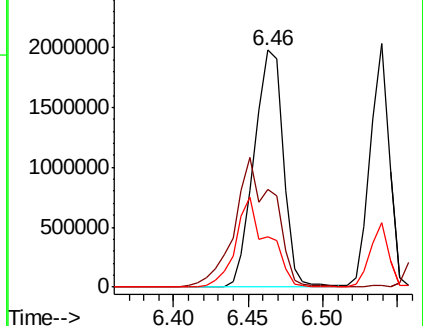
65 21.1 17.0 25.4

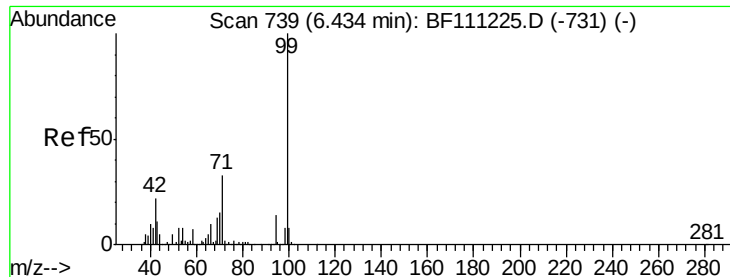


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 77.436 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

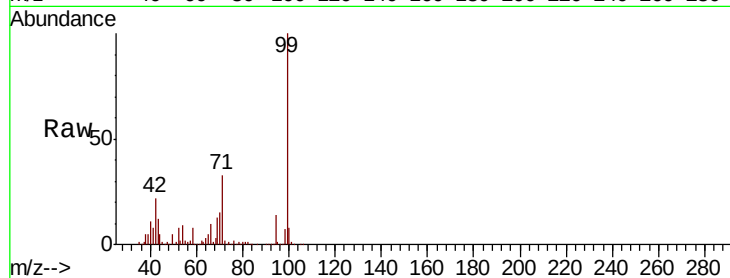
Tgt Ion: 99 Resp: 3910145

Ion Ratio Lower Upper

99 100

42 22.0 17.4 26.0

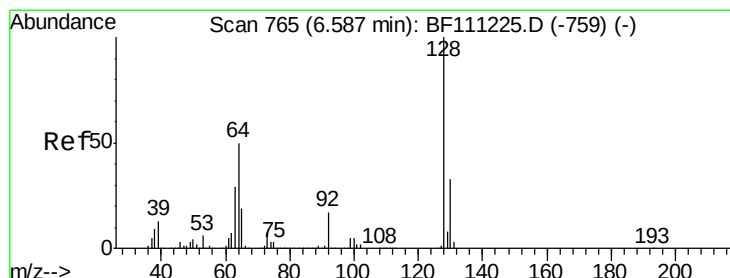
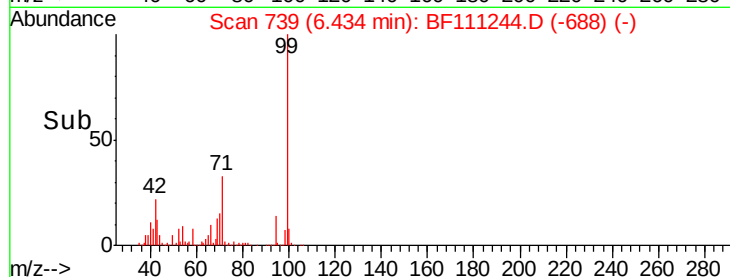
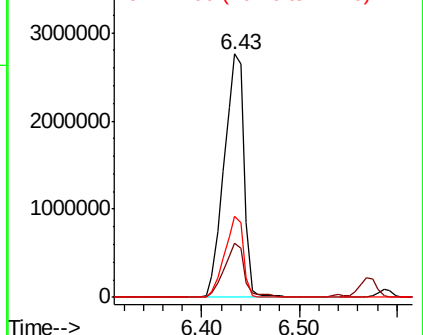
71 33.1 26.1 39.1



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: 38.958 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

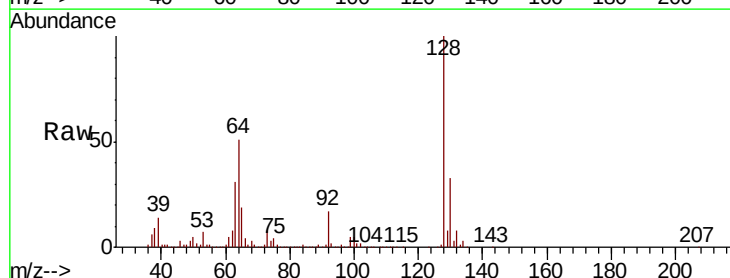
Tgt Ion: 128 Resp: 1799262

Ion Ratio Lower Upper

128 100

130 33.1 12.7 52.7

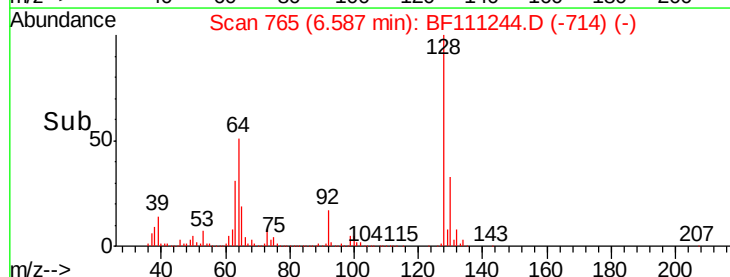
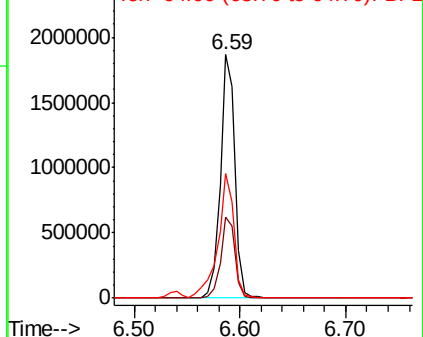
64 51.4 30.0 70.0

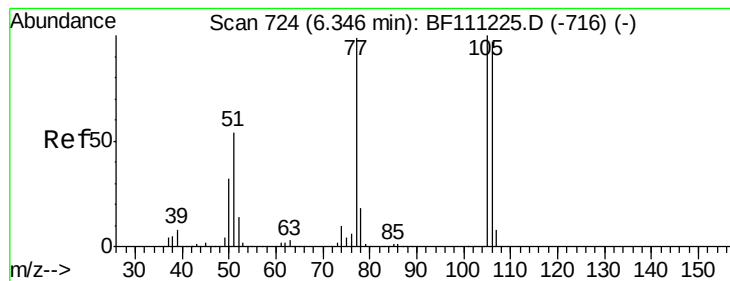


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 40.427 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

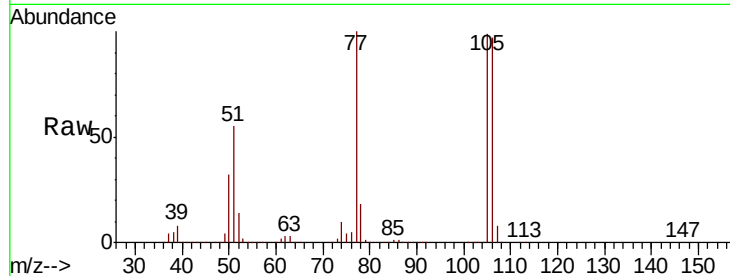
Tgt Ion: 77 Resp: 1189970

Ion Ratio Lower Upper

77 100

105 99.2 81.4 121.4

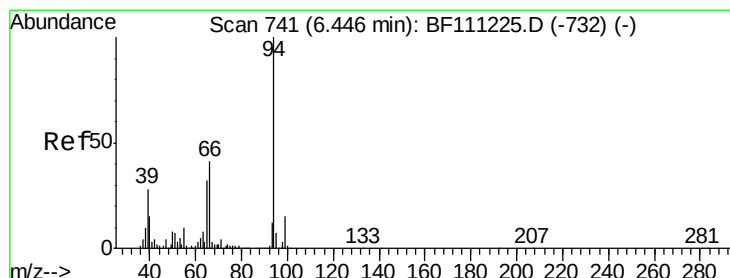
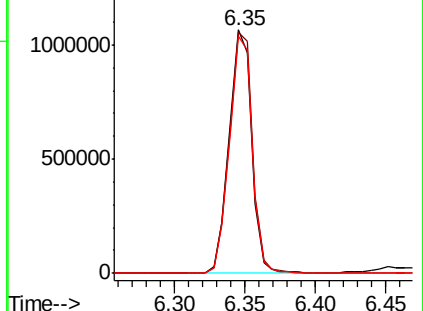
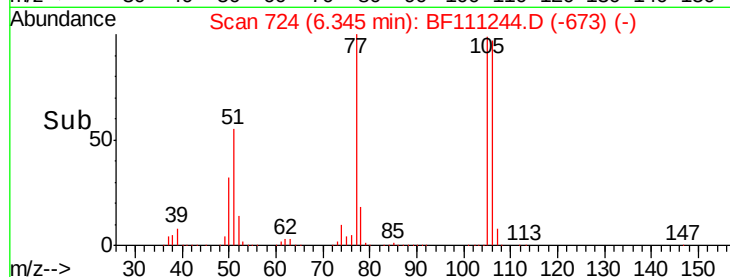
106 97.2 77.9 117.9



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: 38.692 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

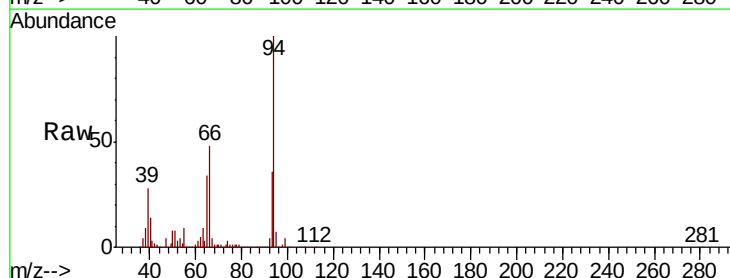
Tgt Ion: 94 Resp: 2284513

Ion Ratio Lower Upper

94 100

65 33.7 11.7 51.7

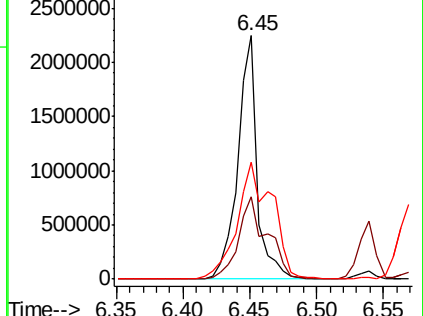
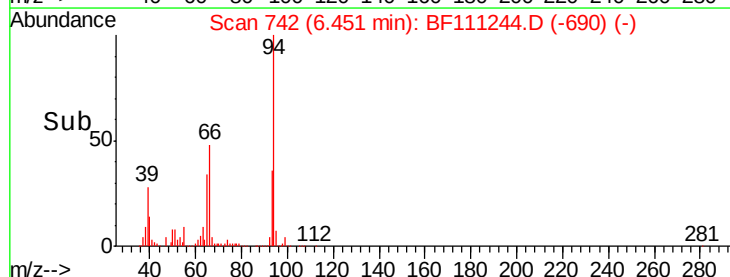
66 48.1 21.0 61.0

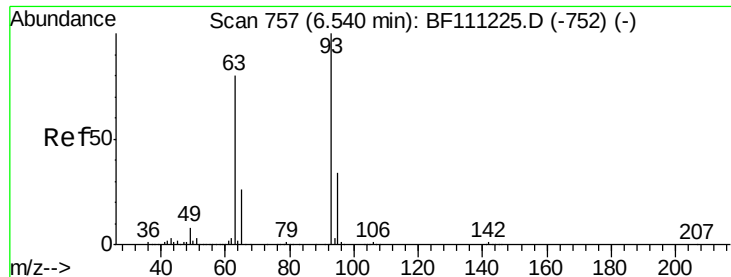


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1



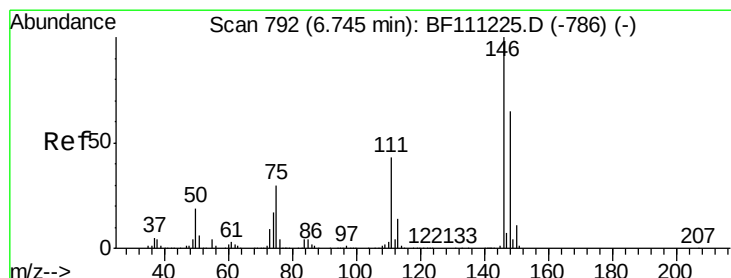
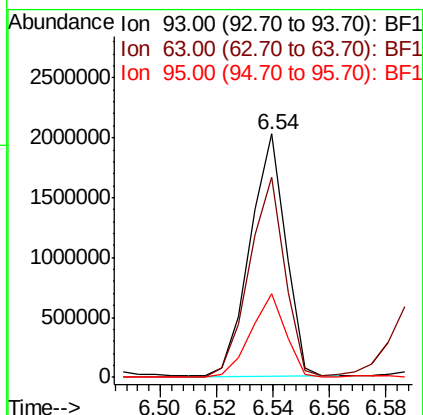
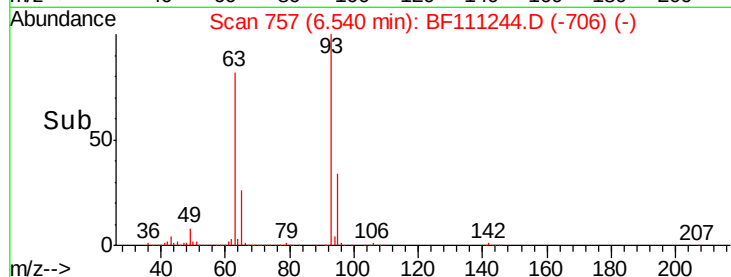
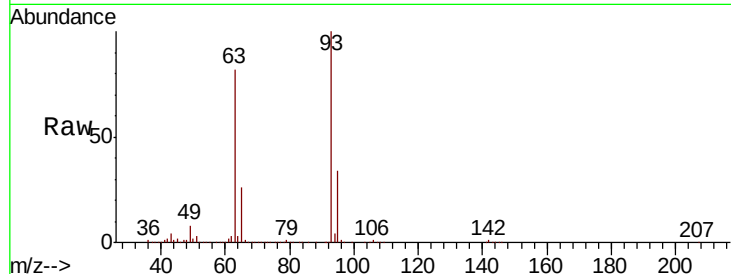


#11
bis(2-Chloroethyl)ether
Concen: 38.925 ng
RT: 6.54 min Scan# 757
Delta R.T. -0.00 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion: 93 Resp: 1777442

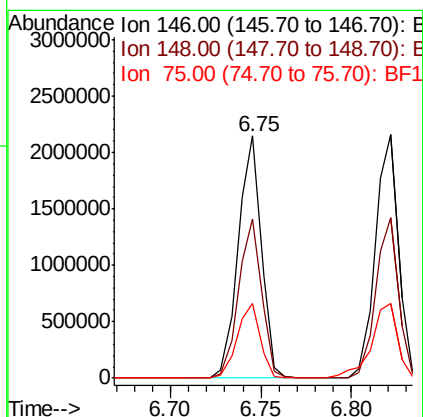
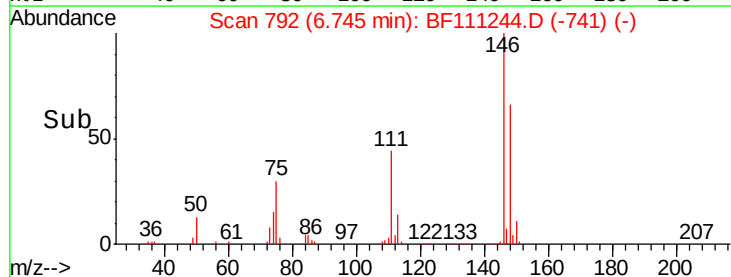
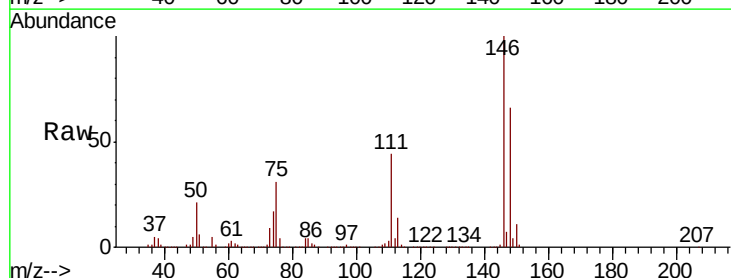
Ion	Ratio	Lower	Upper
93	100		
63	82.3	60.0	100.0
95	34.1	13.4	53.4

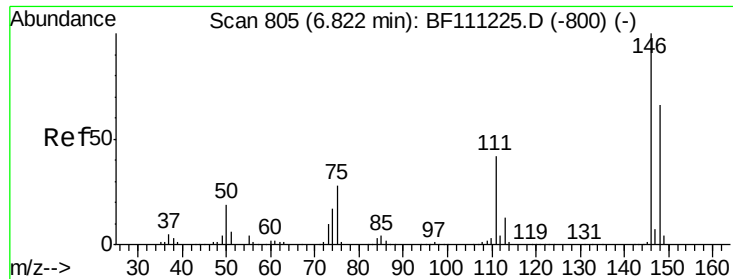


#12
1,3-Dichlorobenzene
Concen: 38.393 ng
RT: 6.75 min Scan# 792
Delta R.T. -0.00 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Tgt Ion: 146 Resp: 1905245

Ion	Ratio	Lower	Upper
146	100		
148	65.8	52.1	78.1
75	31.0	23.9	35.9

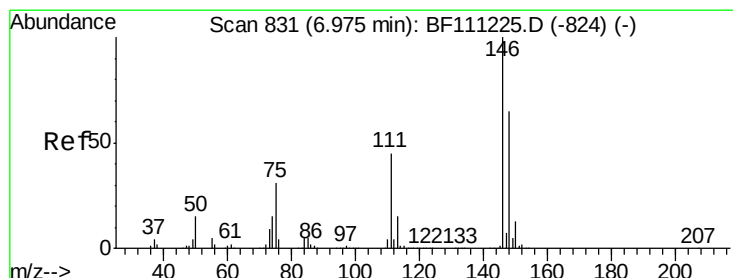
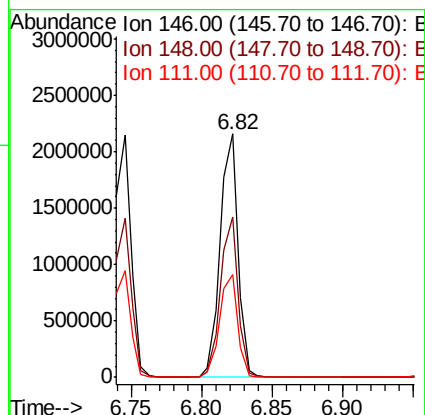
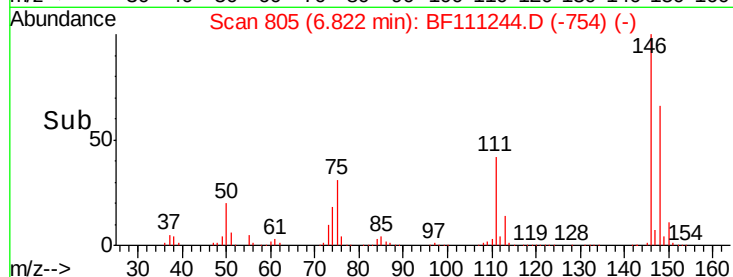
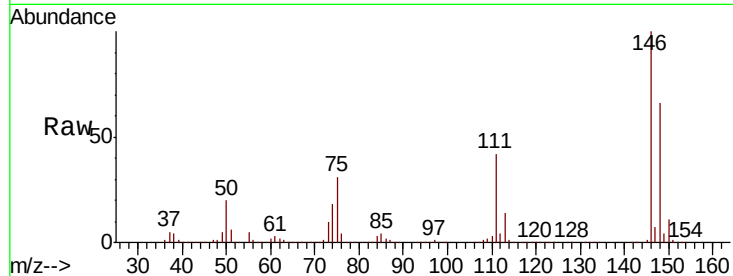




#13
 1,4-Dichlorobenzene
 Concen: 38.179 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

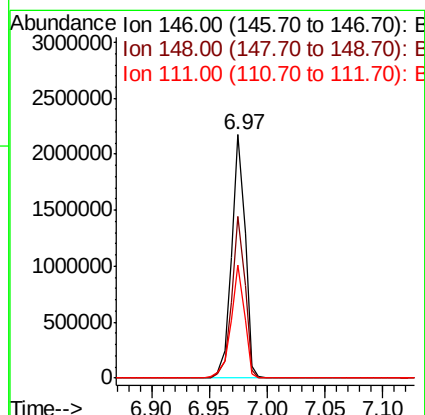
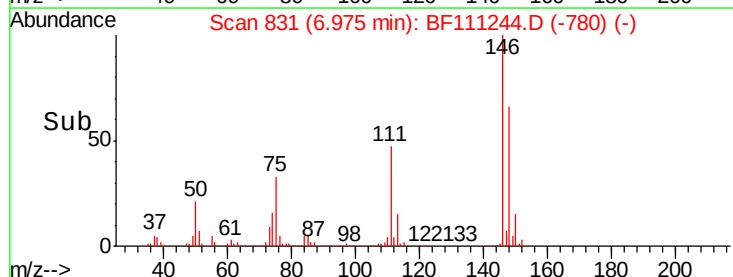
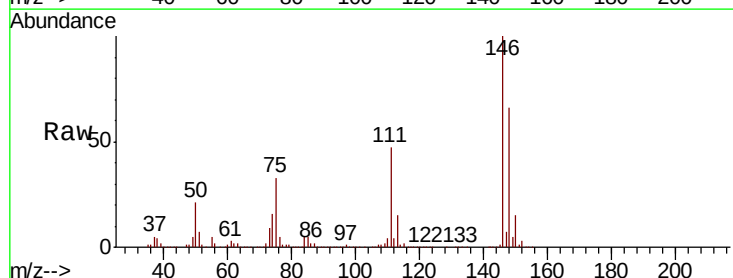
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

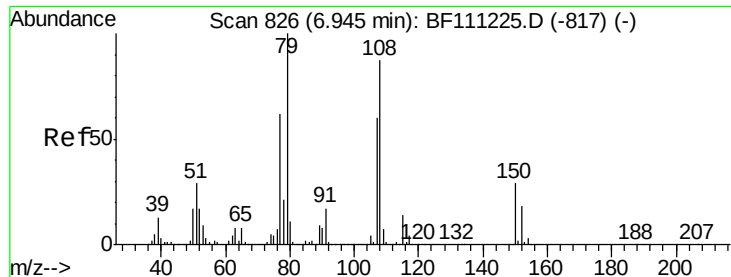
Tgt Ion:146 Resp: 1913046
 Ion Ratio Lower Upper
 146 100
 148 65.9 52.8 79.2
 111 42.4 33.4 50.0



#14
 1,2-Dichlorobenzene
 Concen: 37.470 ng
 RT: 6.97 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Tgt Ion:146 Resp: 1751156
 Ion Ratio Lower Upper
 146 100
 148 66.3 51.9 77.9
 111 46.5 36.2 54.4





#15

Benzyl Alcohol

Concen: 38.756 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

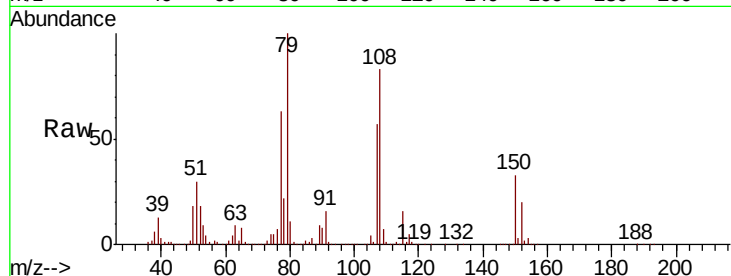
Tgt Ion: 79 Resp: 1548648

Ion Ratio Lower Upper

79 100

108 83.2 69.4 104.2

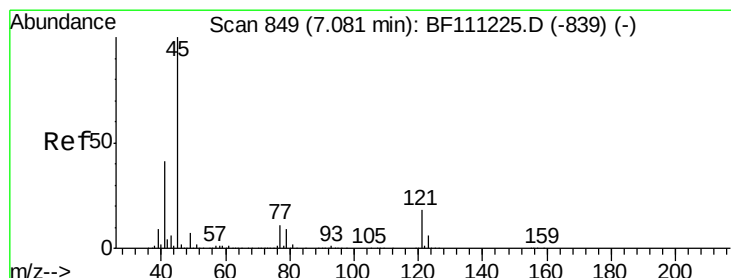
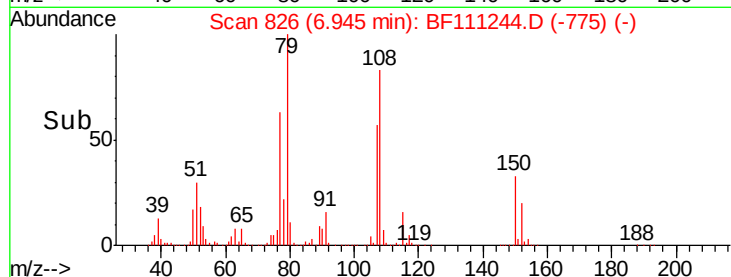
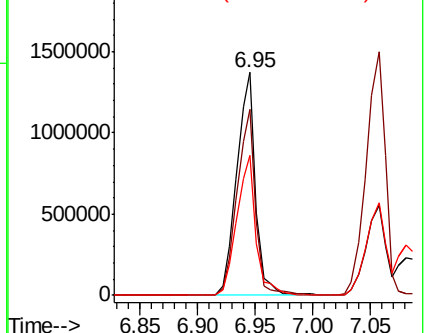
77 62.6 49.7 74.5



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.943 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

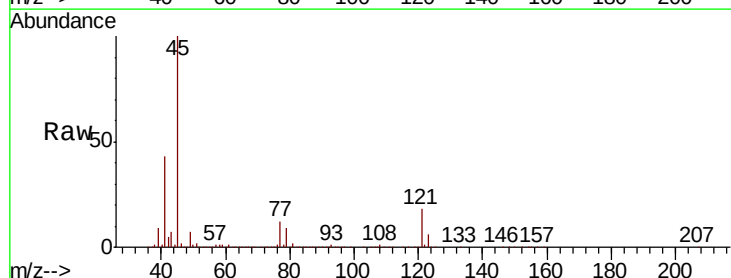
Tgt Ion: 45 Resp: 3329375

Ion Ratio Lower Upper

45 100

77 12.0 0.0 31.5

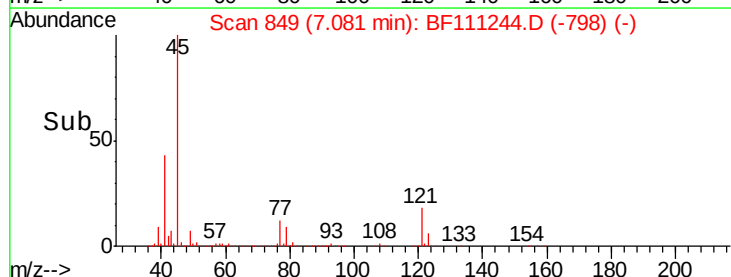
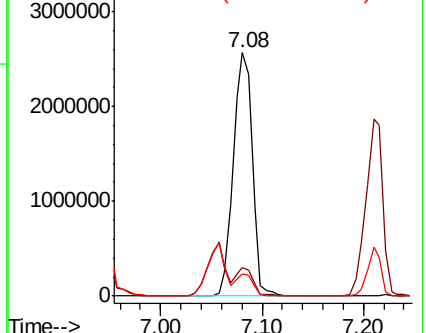
79 9.1 0.0 28.9

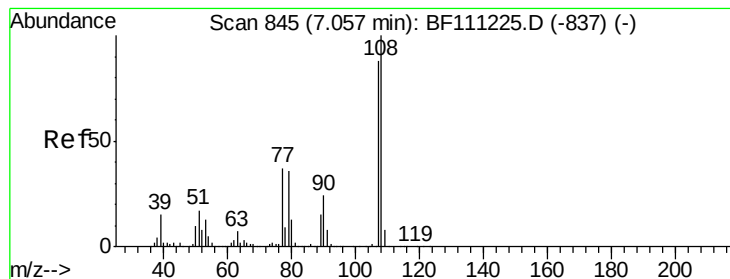


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 39.691 ng

RT: 7.06 min Scan# 845

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion:107 Resp: 1496633

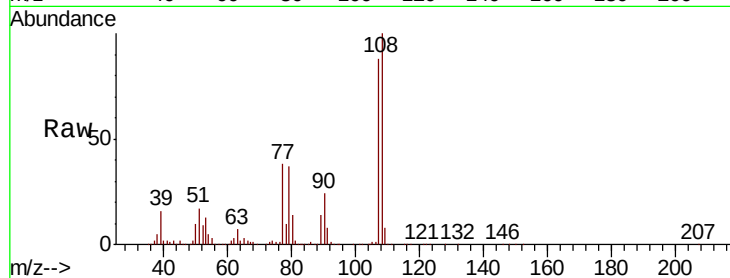
Ion Ratio Lower Upper

107 100

108 113.1 91.0 136.4

77 42.9 33.5 50.3

79 41.6 33.3 49.9

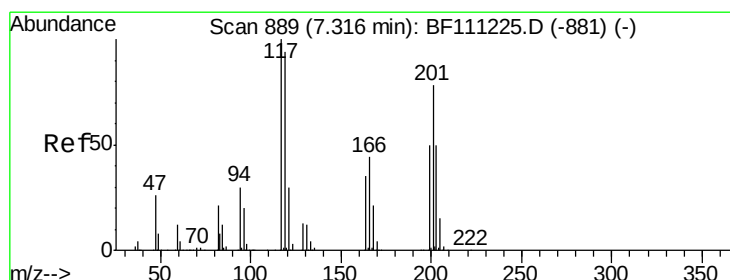
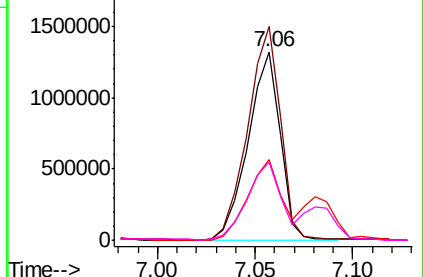
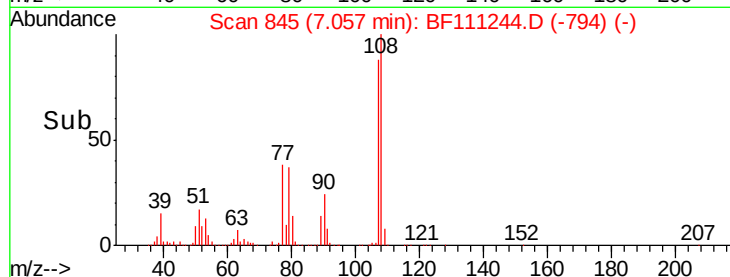


Abundance Ion 107.00 (106.70 to 107.70): E

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: 38.674 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

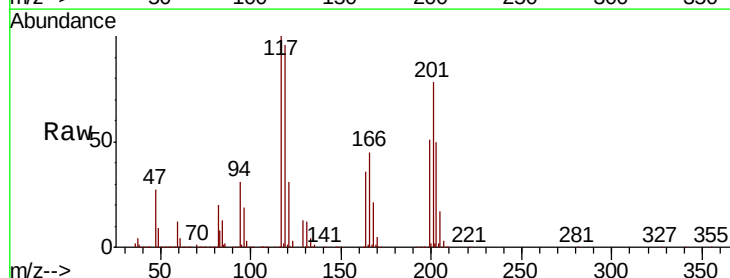
Tgt Ion:117 Resp: 737803

Ion Ratio Lower Upper

117 100

119 95.8 75.4 113.0

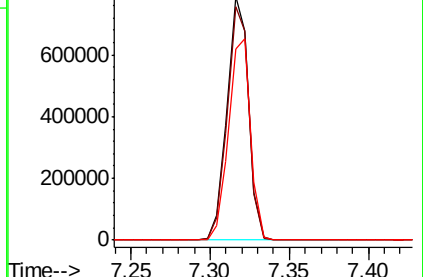
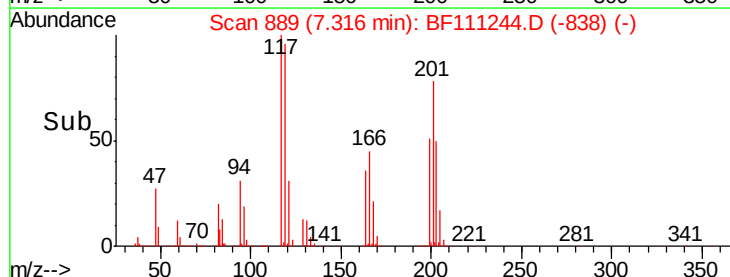
201 78.4 62.4 93.6

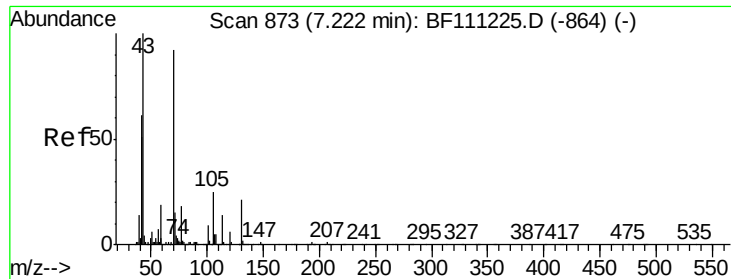


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

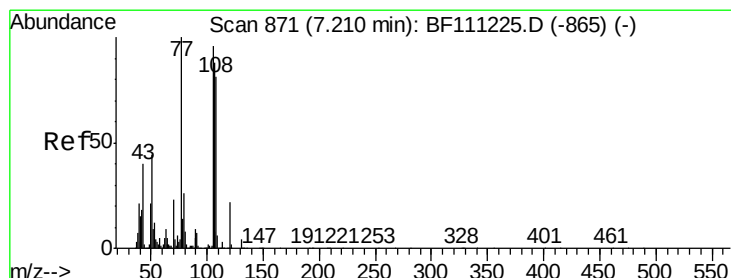
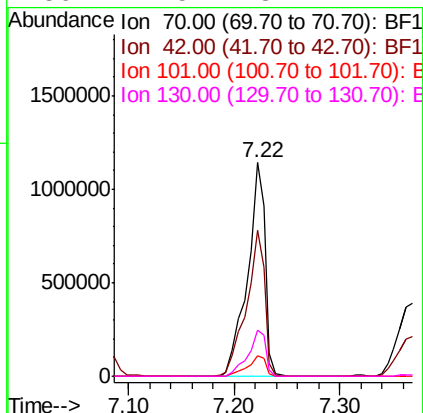
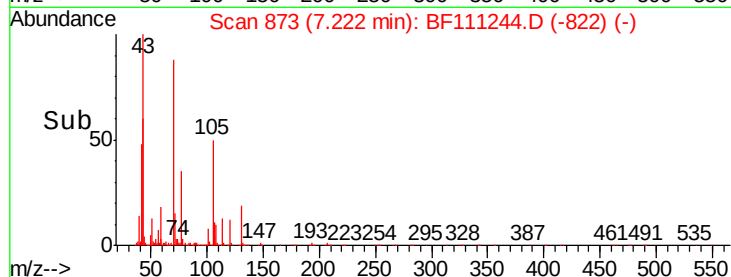
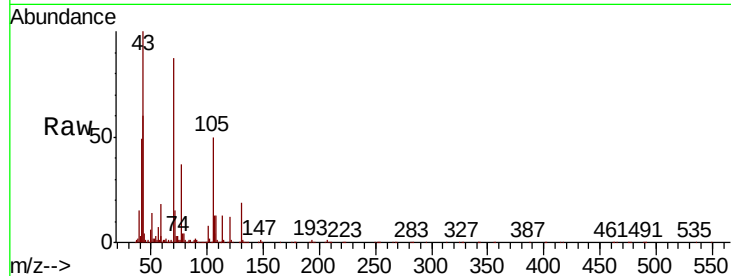




#19
n-Nitroso-di-n-propylamine
Concen: 39.086 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

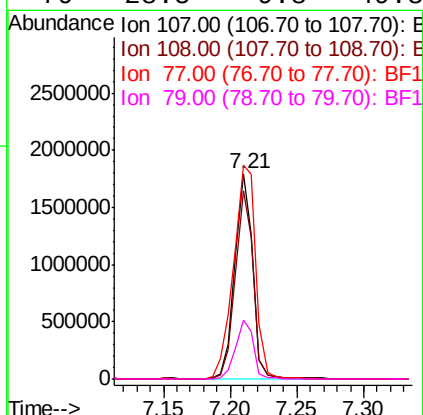
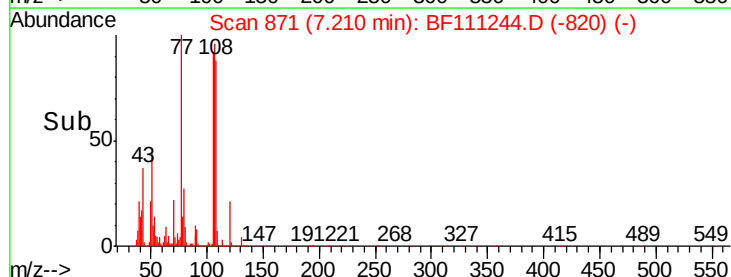
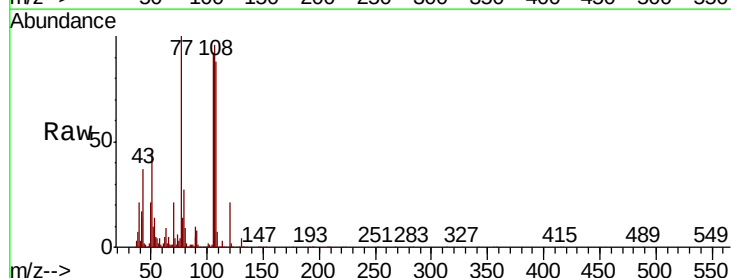
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

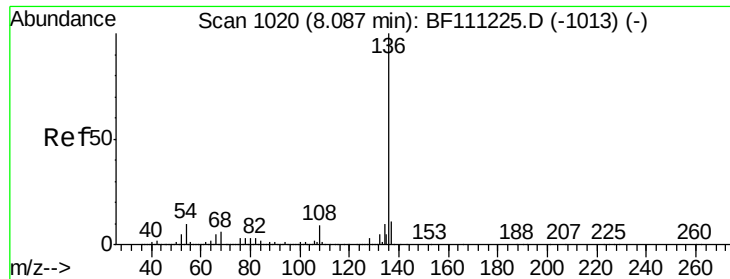
Tgt Ion:	70	Resp:	1322126
Ion	Ratio	Lower	Upper
70	100		
42	68.4	53.2	79.8
101	9.7	8.2	12.4
130	21.5	18.1	27.1



#20
3+4-Methylphenols
Concen: 37.810 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Tgt Ion:	107	Resp:	1695778
Ion	Ratio	Lower	Upper
107	100		
108	91.5	72.1	112.1
77	104.0	94.1	134.1
79	28.5	9.8	49.8

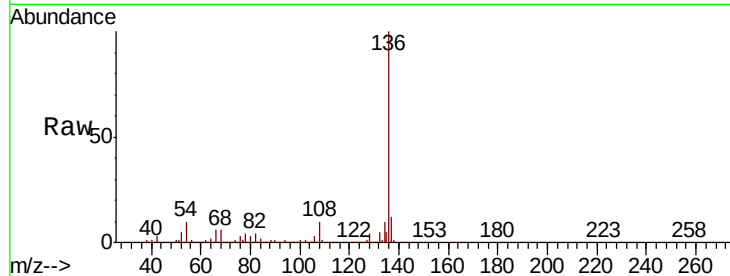




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	136	Resp:	2602995
Ion	Ratio	Lower	Upper
136	100		
137	11.6	9.1	13.7
54	9.6	7.7	11.5
68	6.2	4.9	7.3



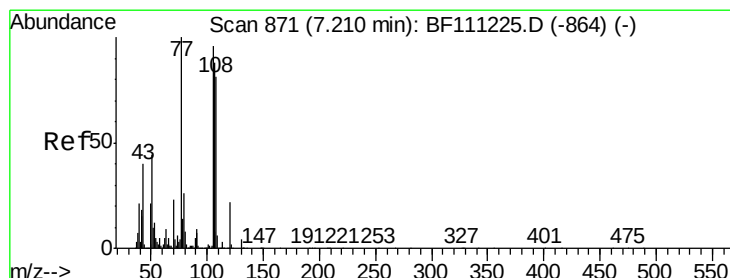
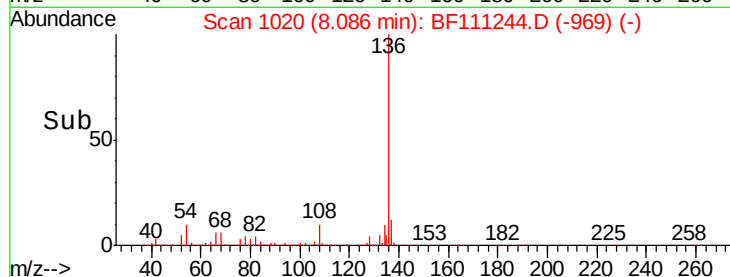
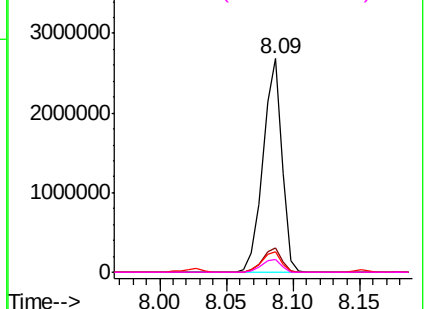
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

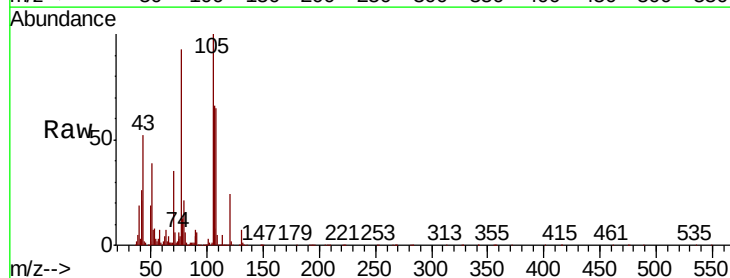
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 37.691 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Tgt Ion:	105	Resp:	2244835
Ion	Ratio	Lower	Upper
105	100		
71	6.1	3.1	4.7#
51	39.1	36.6	54.8
120	23.8	18.2	27.4



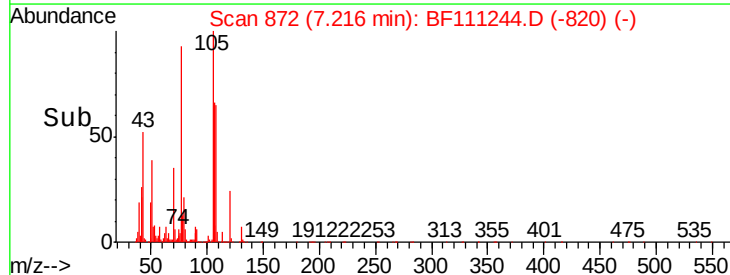
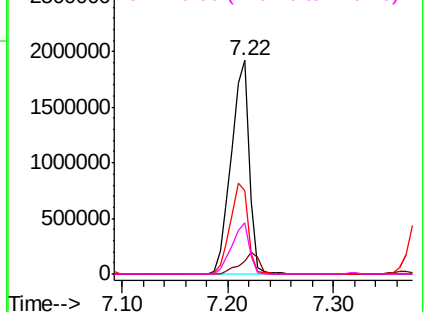
Abundance

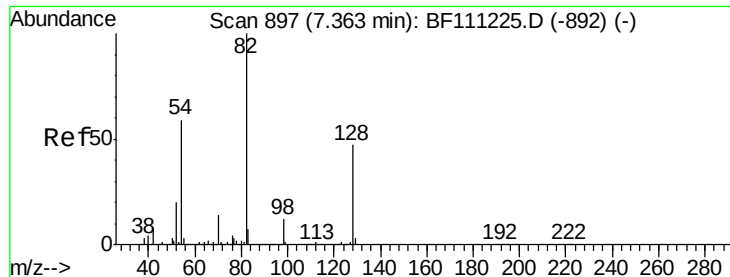
Ion 105.00 (104.70 to 105.70): E

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: 77.459 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

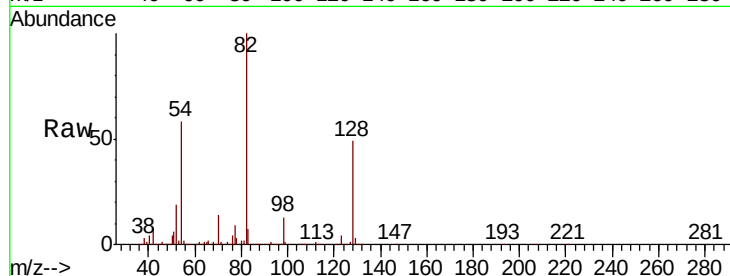
Tgt Ion: 82 Resp: 3594752

Ion Ratio Lower Upper

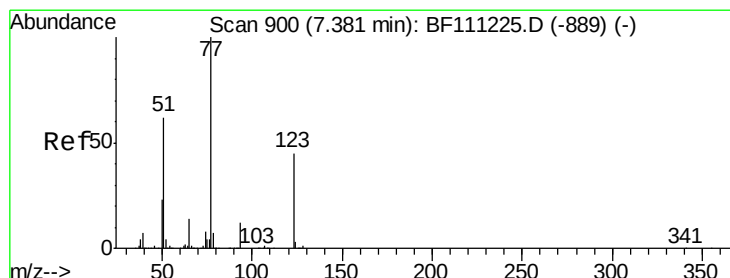
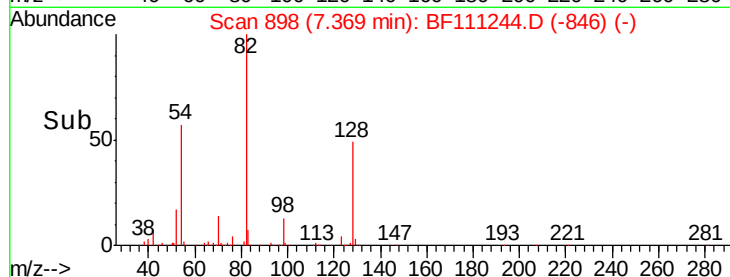
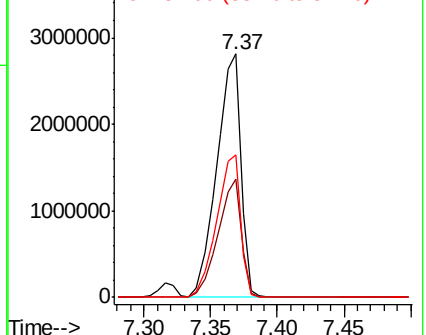
82 100

128 48.6 37.4 56.2

54 58.5 47.6 71.4



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: 39.126 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

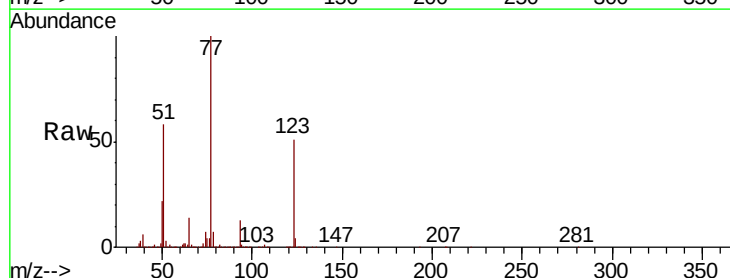
Tgt Ion: 77 Resp: 1889847

Ion Ratio Lower Upper

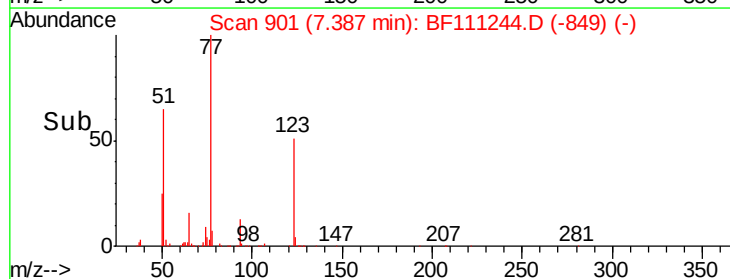
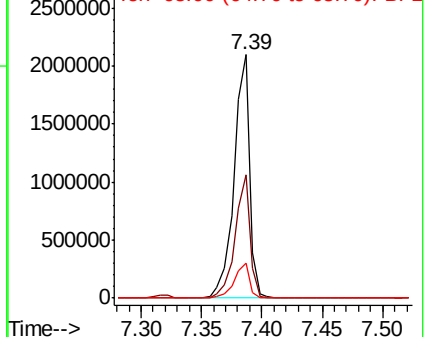
77 100

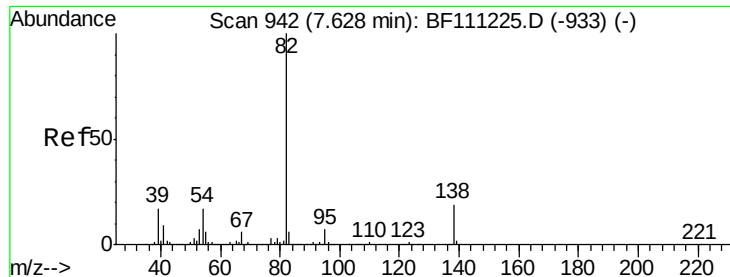
123 50.8 37.2 55.8

65 14.2 11.5 17.3



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

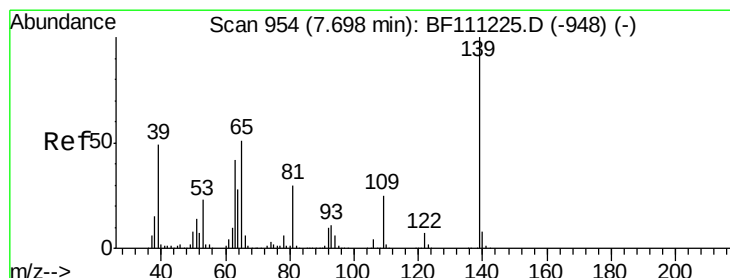
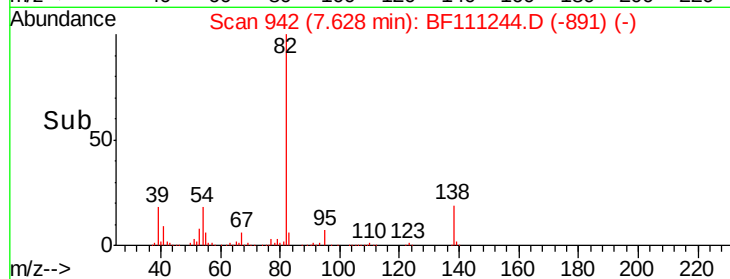
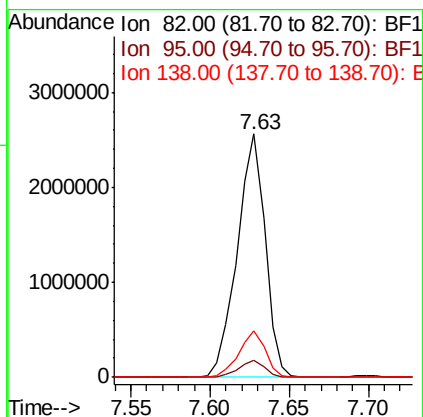
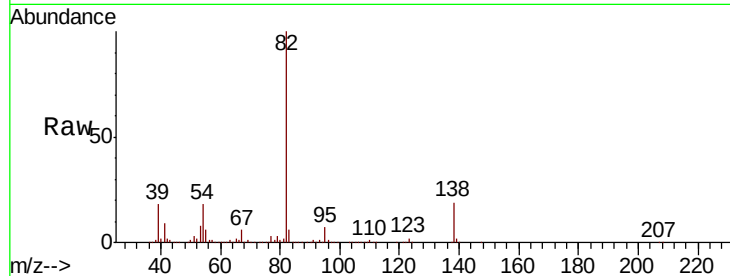




#25
Isophorone
Concen: 39.631 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

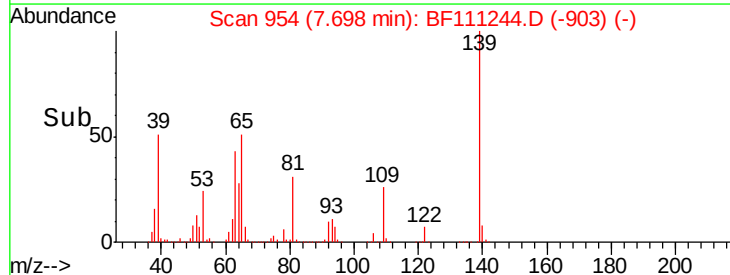
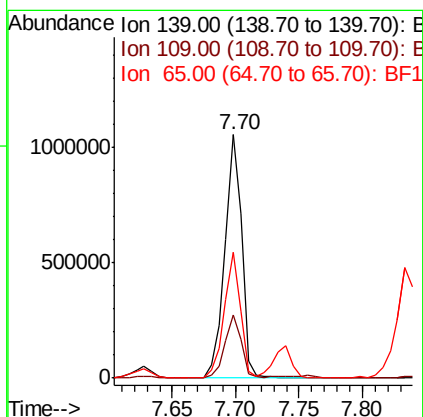
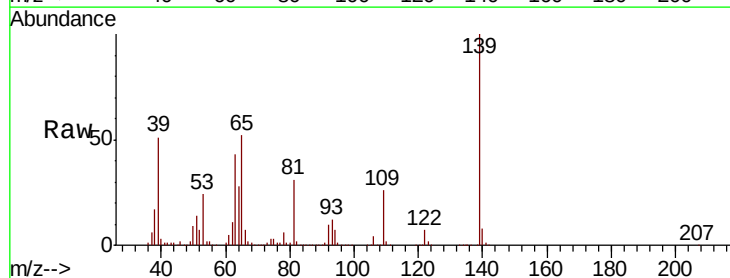
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

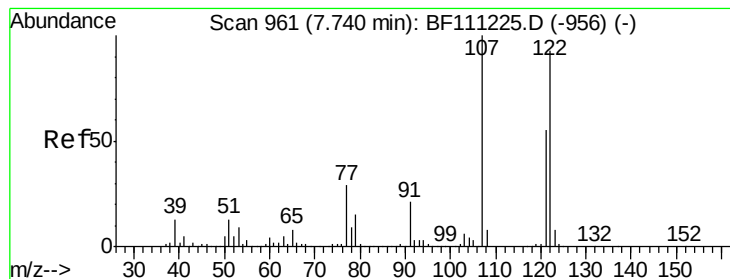
Tgt Ion: 82 Resp: 3132539
Ion Ratio Lower Upper
82 100
95 6.8 5.4 8.2
138 18.9 15.1 22.7



#26
2-Nitrophenol
Concen: 40.791 ng
RT: 7.70 min Scan# 954
Delta R.T. -0.00 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Tgt Ion: 139 Resp: 978906
Ion Ratio Lower Upper
139 100
109 25.9 20.2 30.4
65 51.8 40.7 61.1





#27

2,4-Dimethylphenol

Concen: 39.035 ng

RT: 7.74 min Scan# 961

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

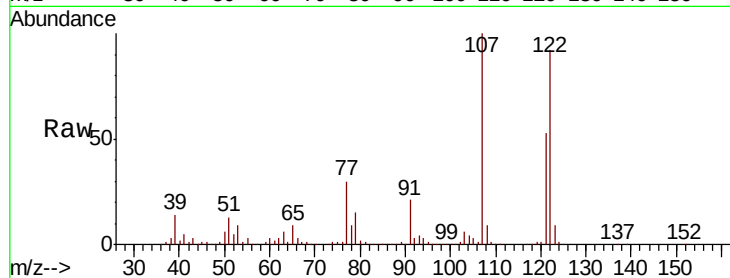
Tgt Ion:122 Resp: 1447545

Ion Ratio Lower Upper

122 100

107 109.0 85.5 128.3

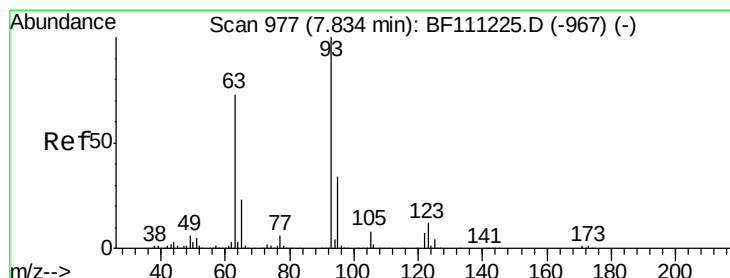
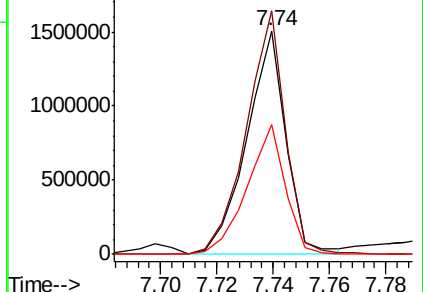
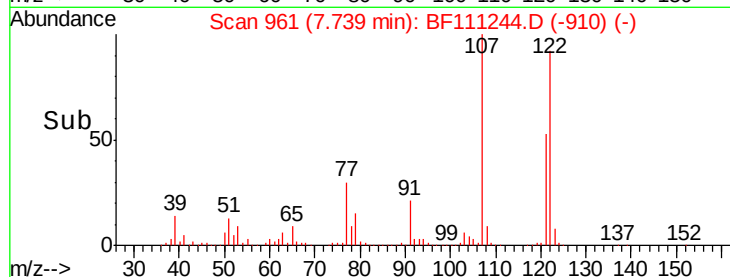
121 58.2 46.6 70.0



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: 38.609 ng

RT: 7.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

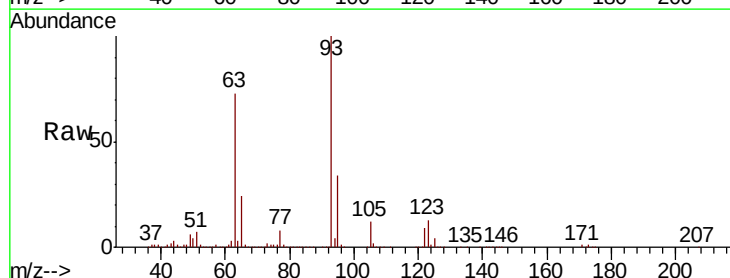
Tgt Ion: 93 Resp: 2113324

Ion Ratio Lower Upper

93 100

95 33.7 27.1 40.7

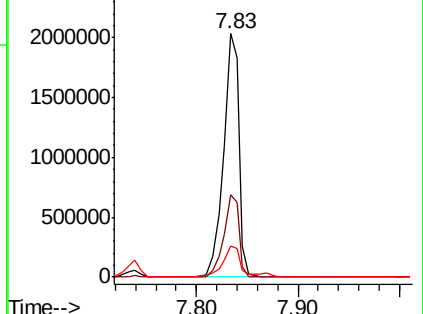
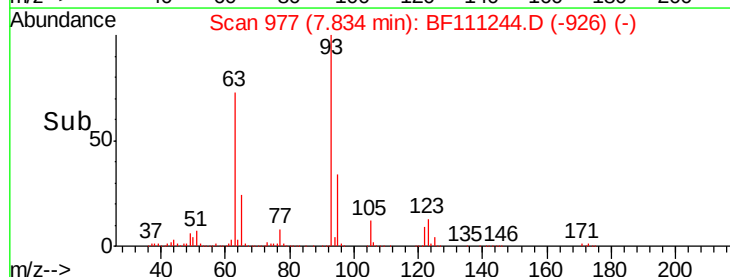
123 12.6 9.9 14.9

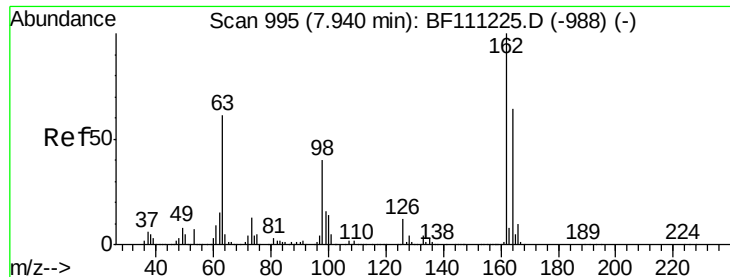


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 123.00 (122.70 to 123.70): E

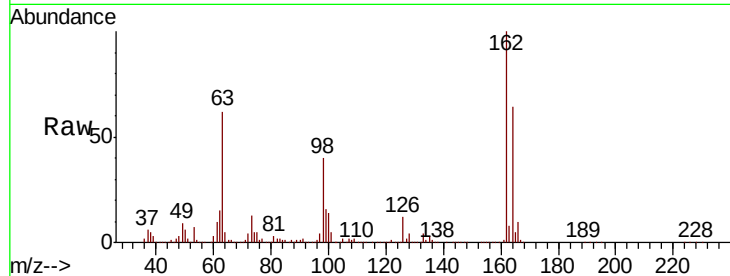




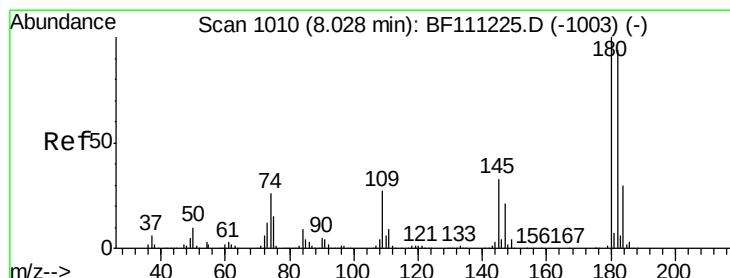
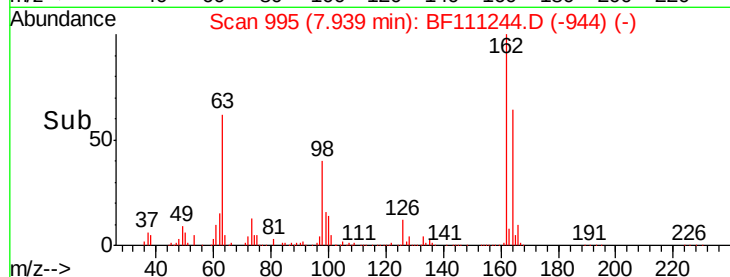
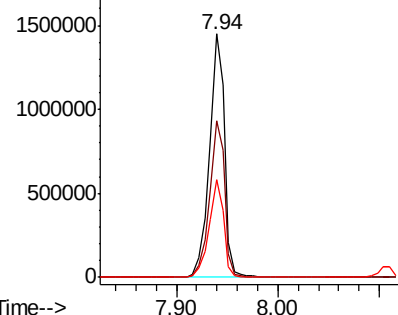
#29
 2,4-Dichlorophenol
 Concen: 39.157 ng
 RT: 7.94 min Scan# 995
 Delta R.T. -0.00 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:162 Resp: 1484780
 Ion Ratio Lower Upper
 162 100
 164 64.5 44.4 84.4
 98 40.0 20.3 60.3

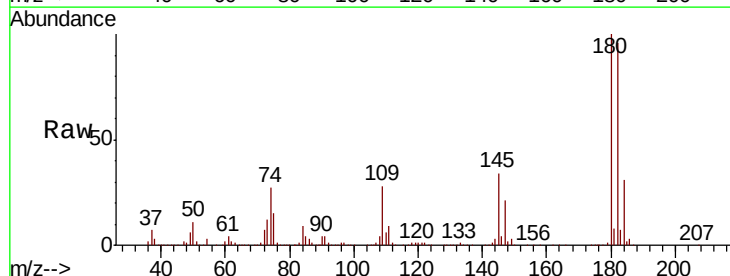


Abundance Ion 162.00 (161.70 to 162.70): E
 2000000 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): BF1

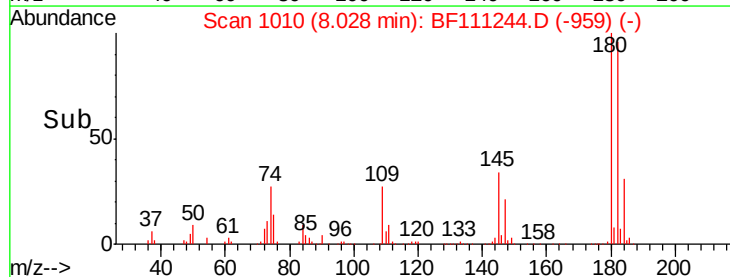
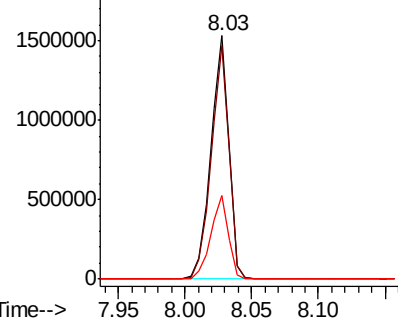


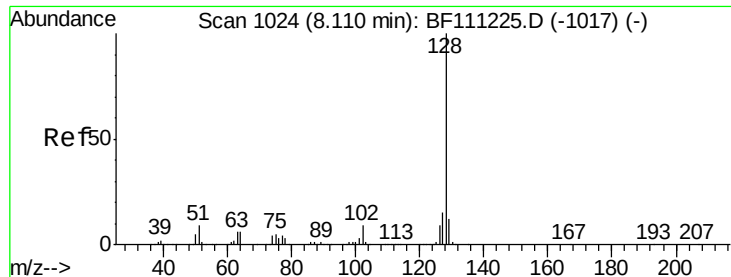
#30
 1,2,4-Trichlorobenzene
 Concen: 39.043 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Tgt Ion:180 Resp: 1458271
 Ion Ratio Lower Upper
 180 100
 182 96.0 75.6 113.4
 145 34.3 26.7 40.1



Abundance Ion 180.00 (179.70 to 180.70): E
 2000000 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

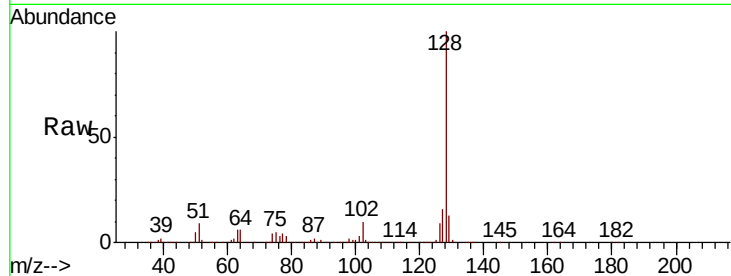




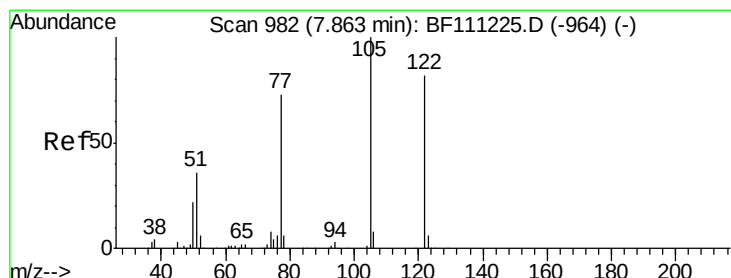
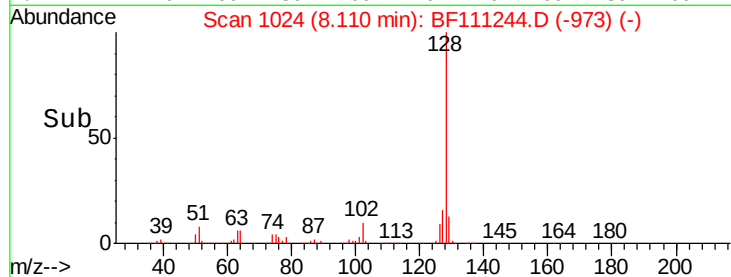
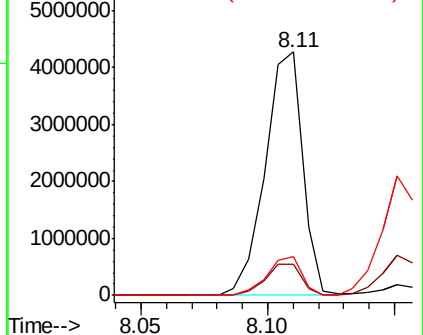
#31
Naphthalene
Concen: 38.610 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:128 Resp: 4386308
Ion Ratio Lower Upper
128 100
129 12.9 9.8 14.8
127 15.9 12.0 18.0

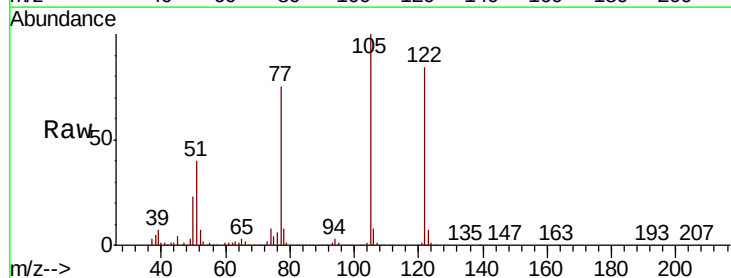


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

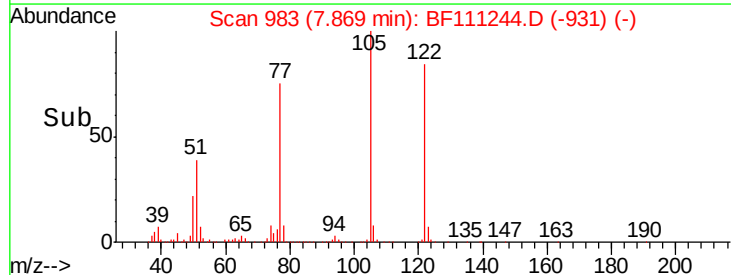
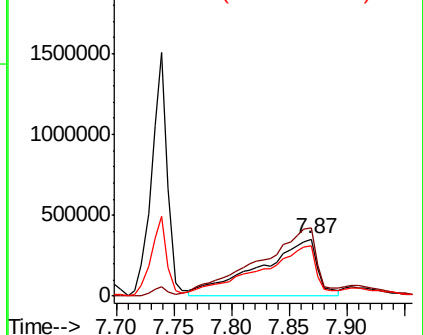


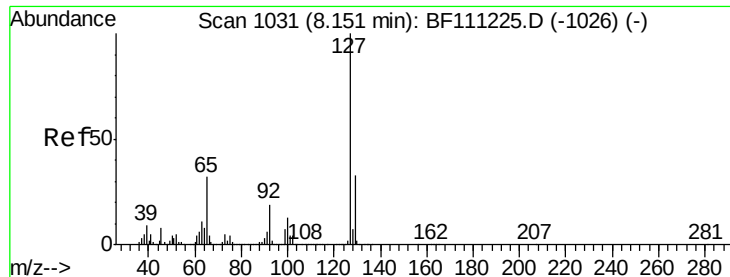
#32
Benzoic acid
Concen: 39.975 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.01 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Tgt Ion:122 Resp: 1225851
Ion Ratio Lower Upper
122 100
105 119.5 97.0 137.0
77 89.7 65.7 105.7



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

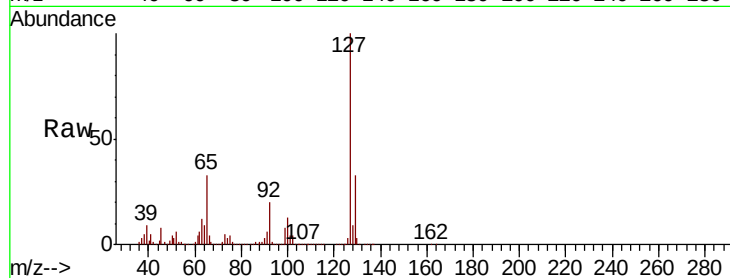




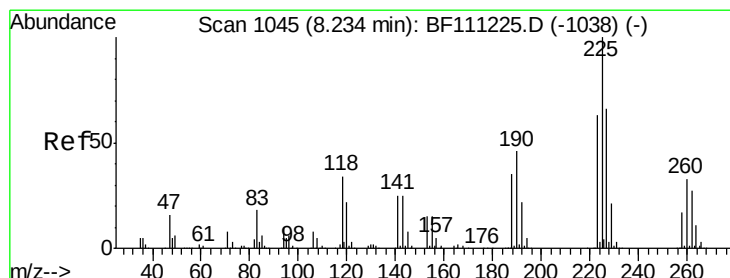
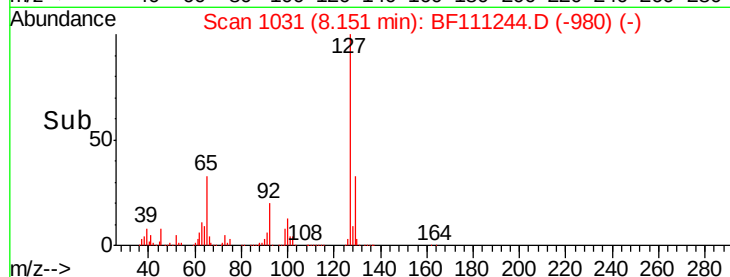
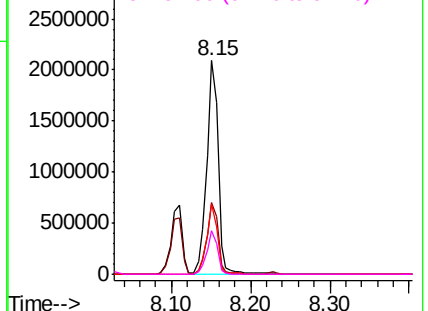
#33
4-Chloroaniline
Concen: 39.100 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:	127	Resp:	2133493
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.6	39.8
65	33.1	25.7	38.5
92	20.1	15.4	23.2

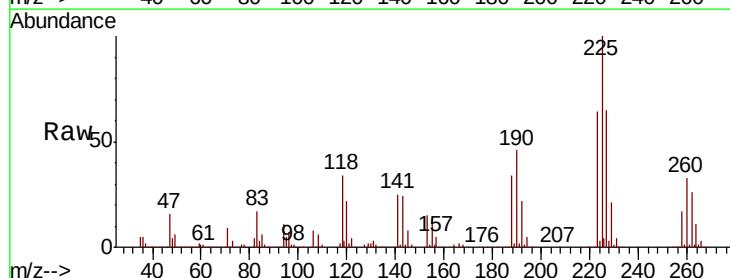


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

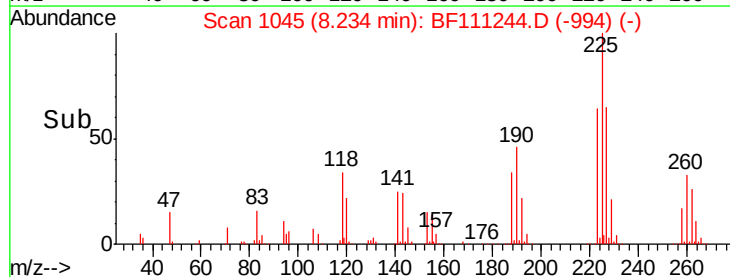
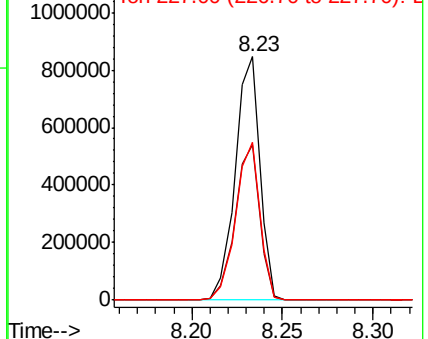


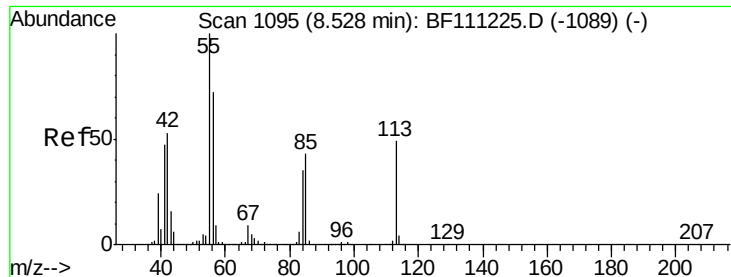
#34
Hexachlorobutadiene
Concen: 38.854 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Tgt Ion:	225	Resp:	801076
Ion	Ratio	Lower	Upper
225	100		
223	63.6	50.7	76.1
227	64.7	52.6	78.8



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

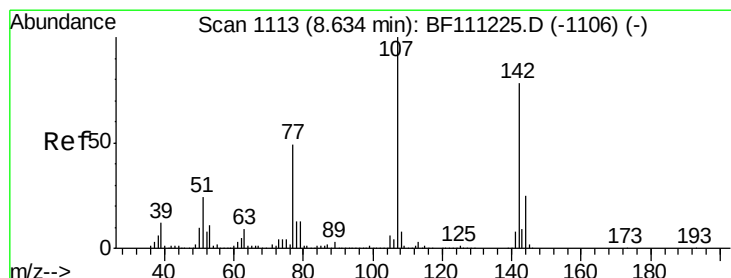
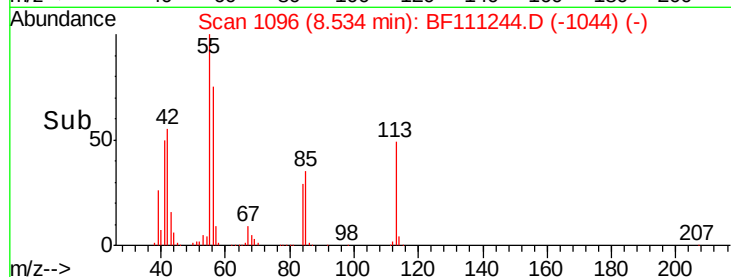
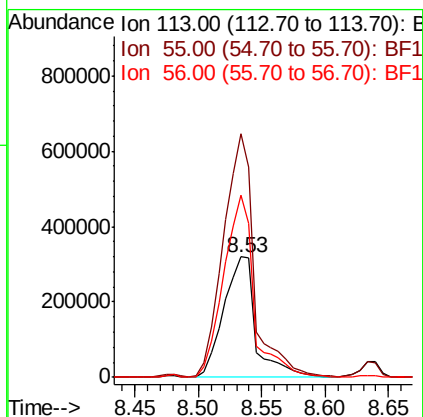
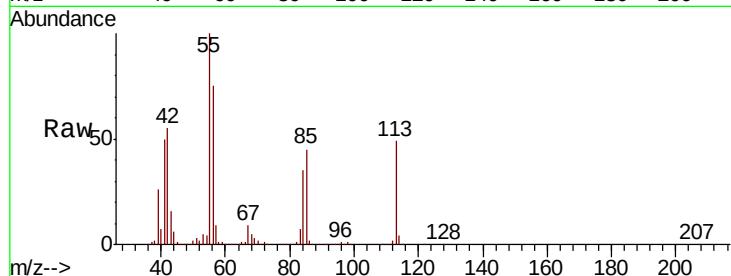




#35
 Caprolactam
 Concen: 41.475 ng
 RT: 8.53 min Scan# 1096
 Delta R.T. 0.01 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

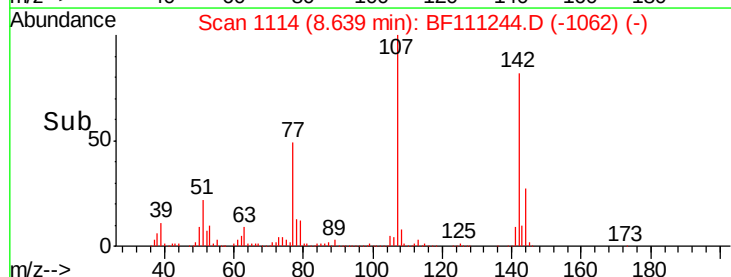
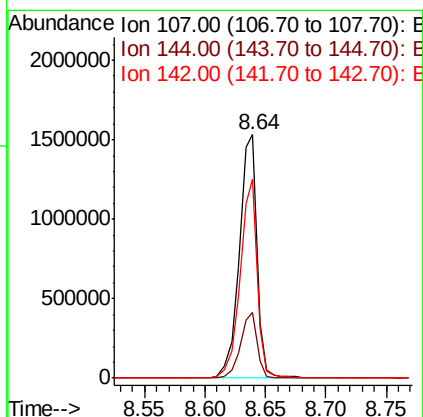
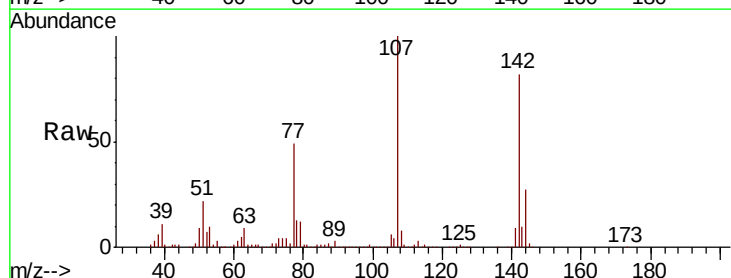
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

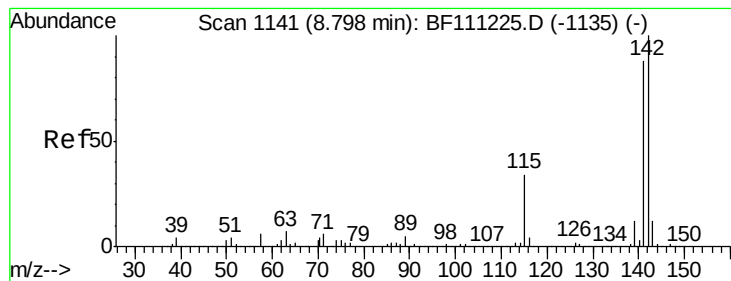
Tgt Ion:113 Resp: 557273
 Ion Ratio Lower Upper
 113 100
 55 202.4 184.1 224.1
 56 151.8 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 40.513 ng
 RT: 8.64 min Scan# 1114
 Delta R.T. 0.01 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Tgt Ion:107 Resp: 1572839
 Ion Ratio Lower Upper
 107 100
 144 26.9 19.8 29.6
 142 81.5 62.3 93.5

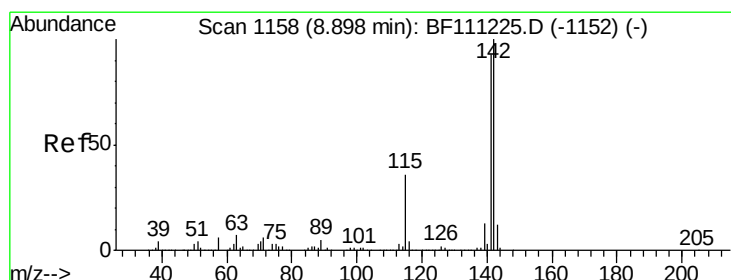
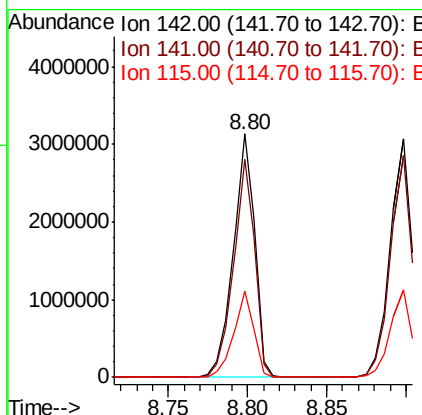
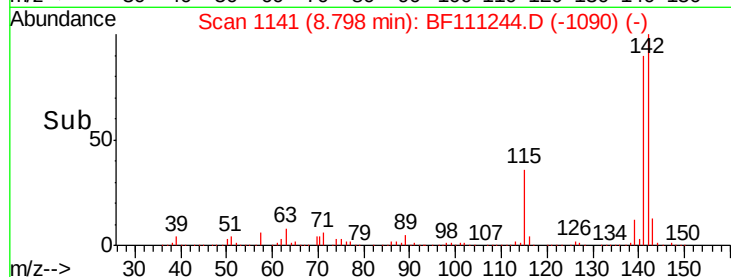
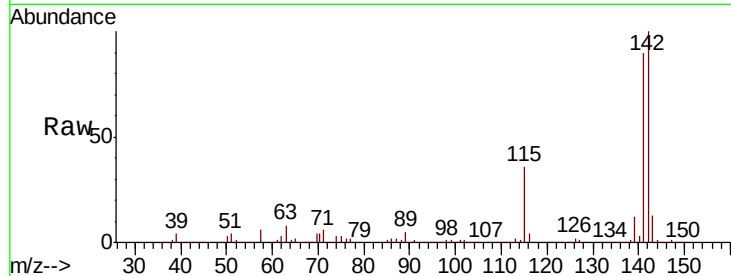




#37
 2-Methylnaphthalene
 Concen: 38.926 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

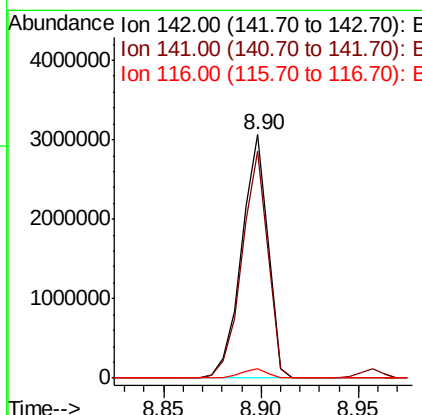
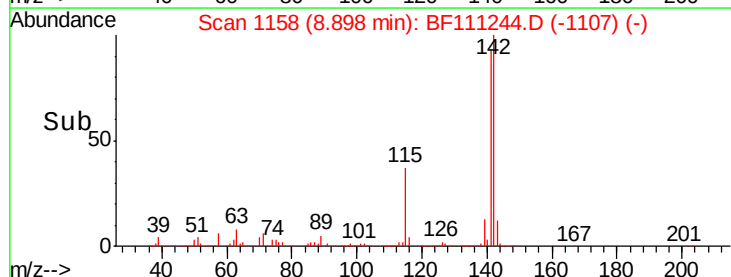
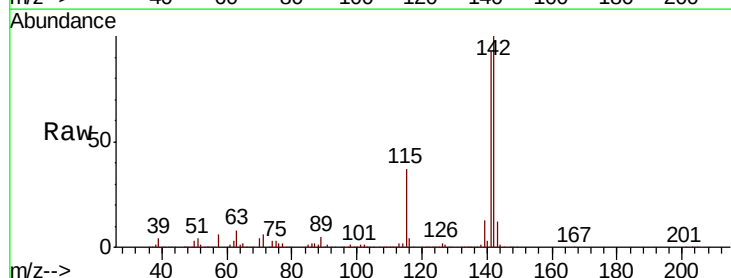
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

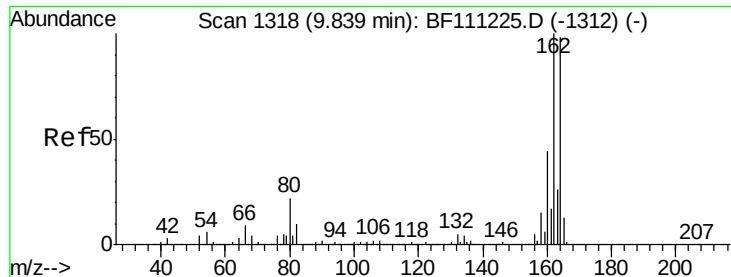
Tgt Ion:142 Resp: 2935958
 Ion Ratio Lower Upper
 142 100
 141 89.5 70.6 105.8
 115 35.5 27.0 40.6



#38
 1-Methylnaphthalene
 Concen: 38.647 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Tgt Ion:142 Resp: 2854620
 Ion Ratio Lower Upper
 142 100
 141 93.3 74.2 111.4
 116 3.8 2.9 4.3





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

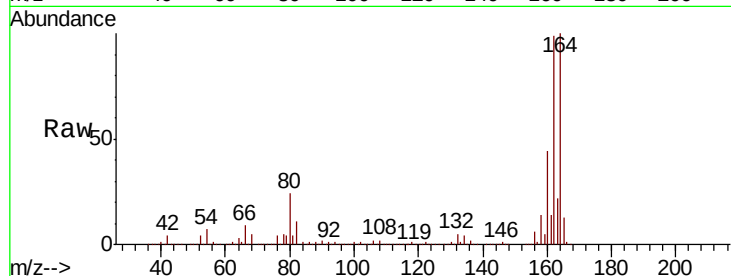
Tgt Ion:164 Resp: 1231785

Ion Ratio Lower Upper

164 100

162 99.4 81.4 122.0

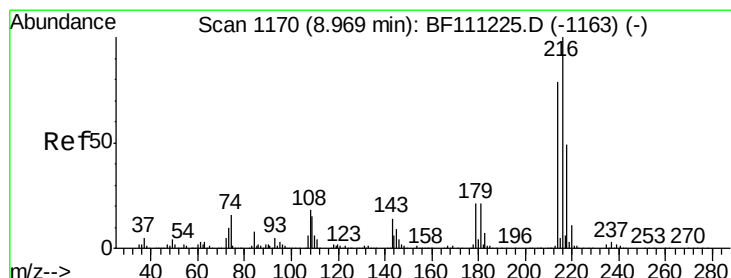
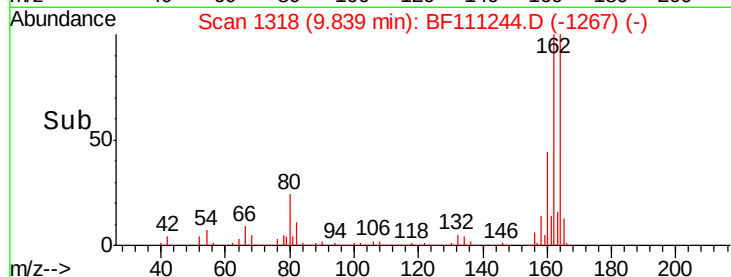
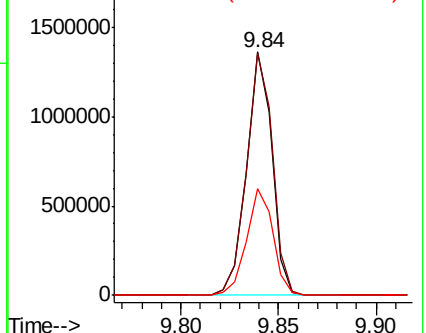
160 43.9 35.7 53.5



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: 36.188 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Tgt Ion:216 Resp: 1240333

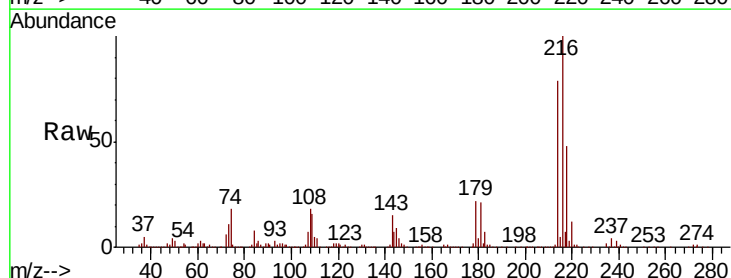
Ion Ratio Lower Upper

216 100

214 80.4 63.8 95.8

179 22.7 17.9 26.9

108 22.9 18.4 27.6

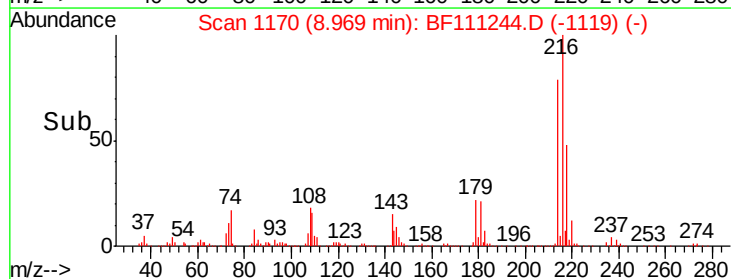
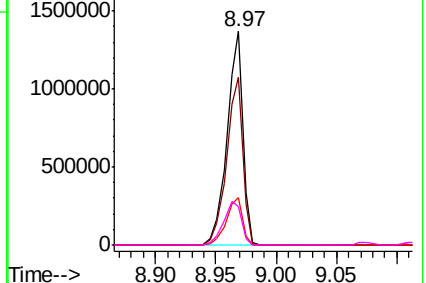


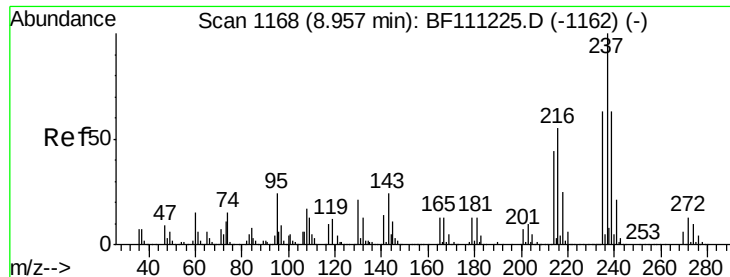
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 35.390 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

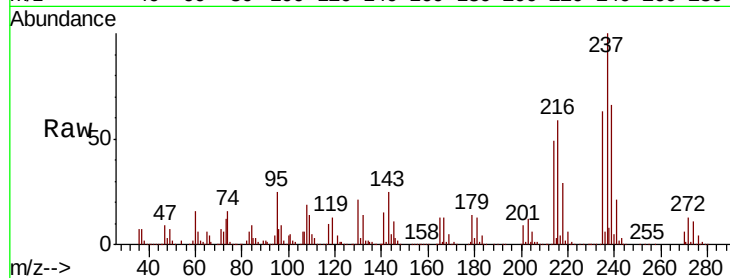
Tgt Ion: 237 Resp: 690786

Ion Ratio Lower Upper

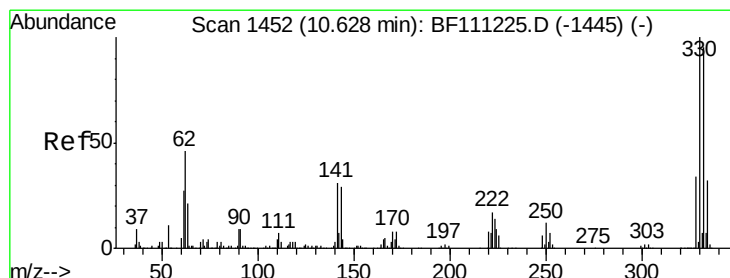
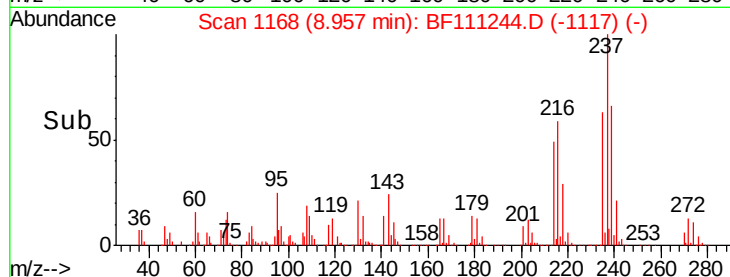
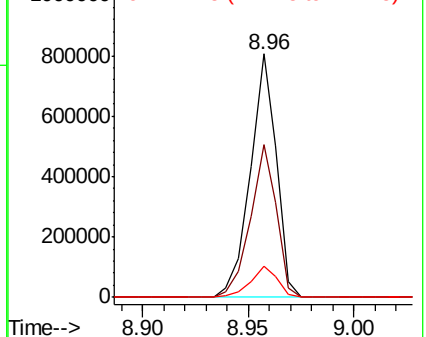
237 100

235 62.7 43.1 83.1

272 12.9 0.0 33.0



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: 75.519 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

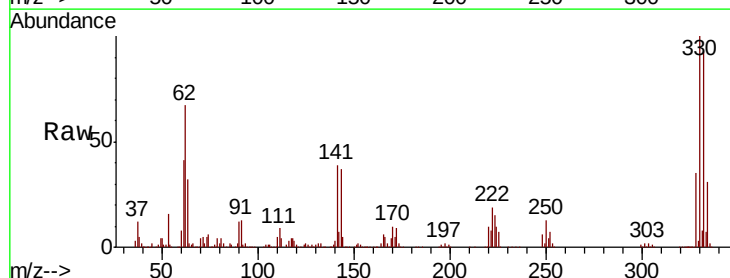
Tgt Ion: 330 Resp: 824010

Ion Ratio Lower Upper

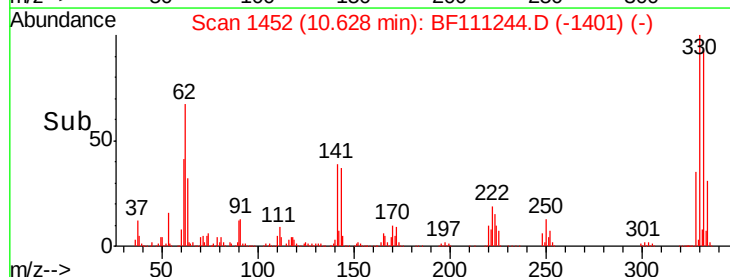
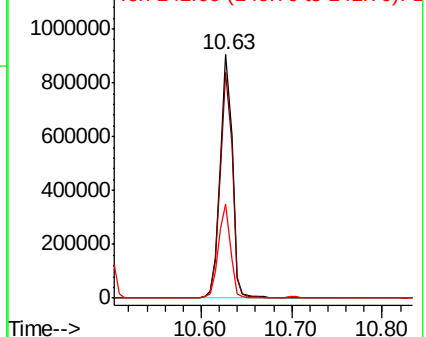
330 100

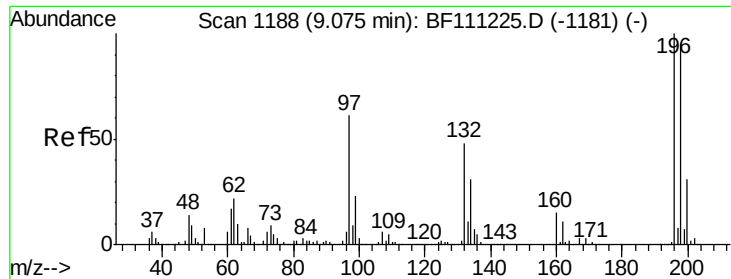
332 94.1 76.0 114.0

141 38.6 31.0 46.6



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

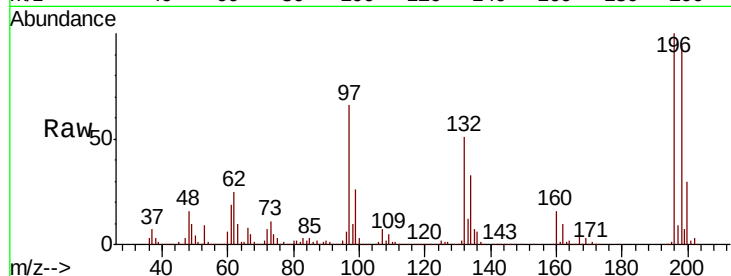




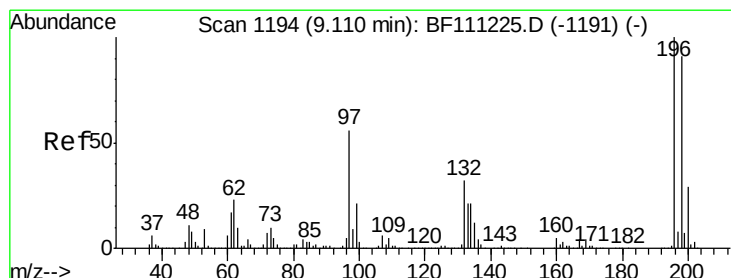
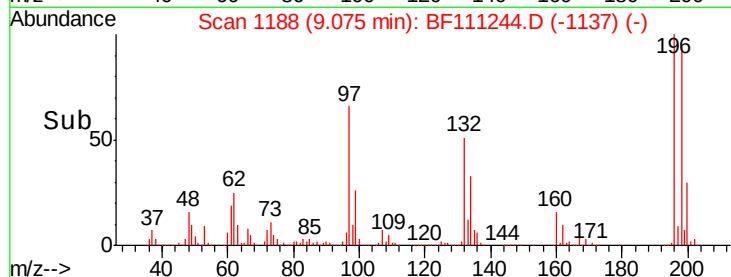
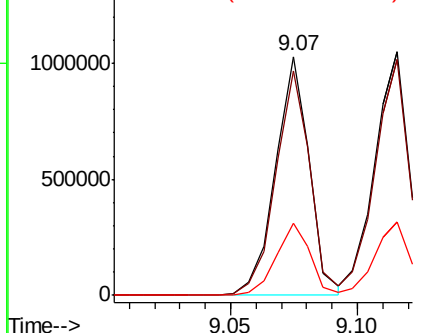
#43
 2,4,6-Trichlorophenol
 Concen: 37.377 ng
 RT: 9.07 min Scan# 1188
 Delta R.T. -0.00 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:196 Resp: 961630
 Ion Ratio Lower Upper
 196 100
 198 93.8 76.3 114.5
 200 30.4 24.9 37.3



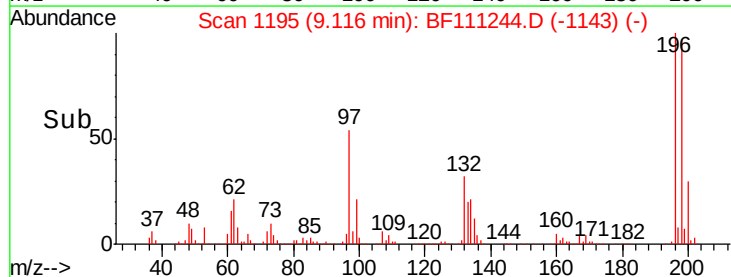
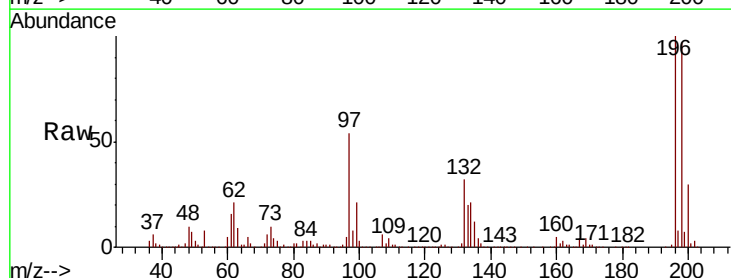
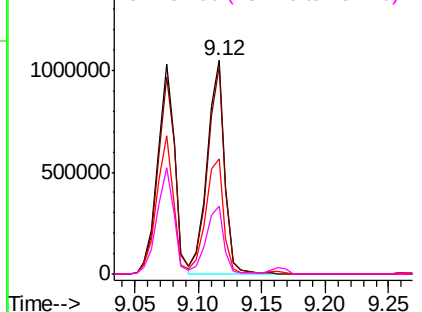
Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

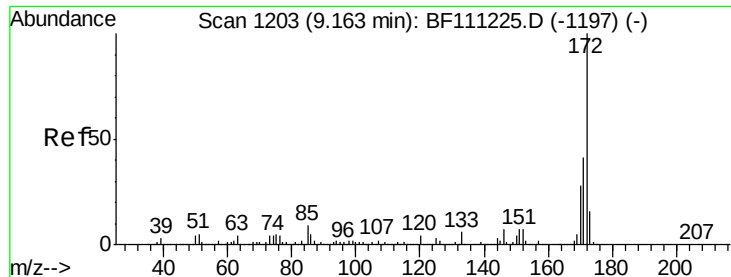


#44
 2,4,5-Trichlorophenol
 Concen: 37.634 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. 0.01 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Tgt Ion:196 Resp: 1008626
 Ion Ratio Lower Upper
 196 100
 198 96.9 72.9 109.3
 97 53.9 45.3 67.9
 132 31.8 25.5 38.3

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

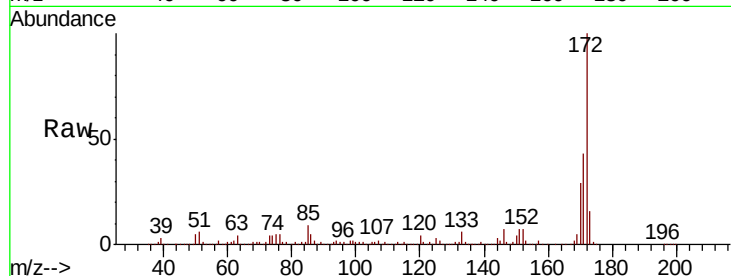




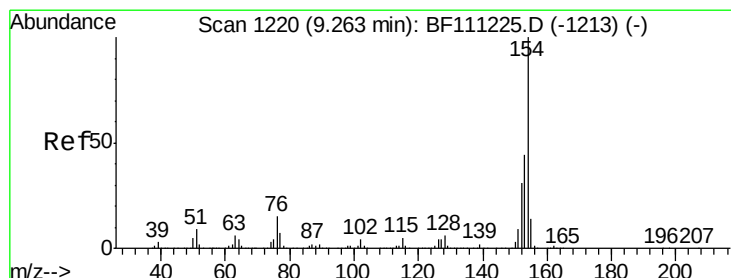
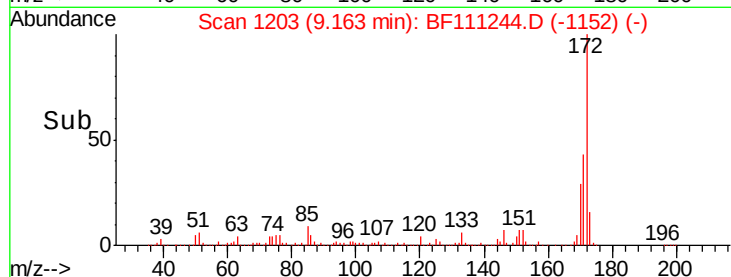
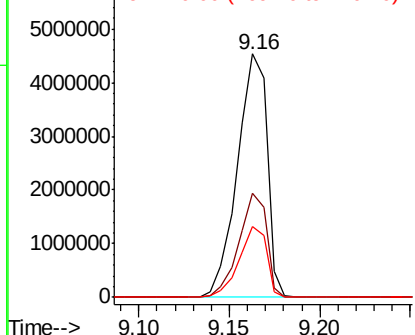
#45
2-Fluorobiphenyl
Concen: 69.025 ng
RT: 9.16 min Scan# 1203
Delta R.T. 0.00 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:172 Resp: 5182186
Ion Ratio Lower Upper
172 100
171 42.8 33.0 49.4
170 29.0 22.3 33.5

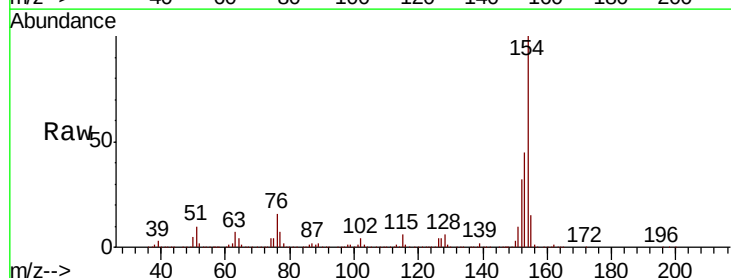


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

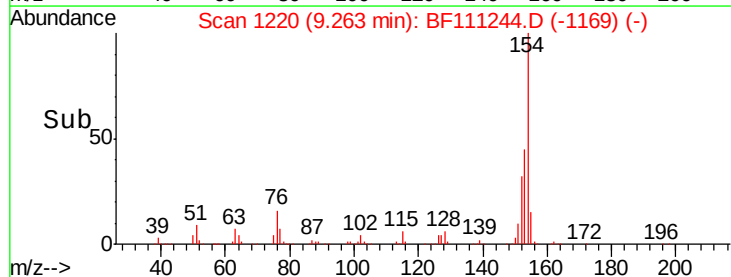
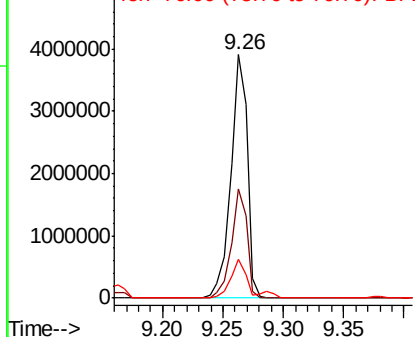


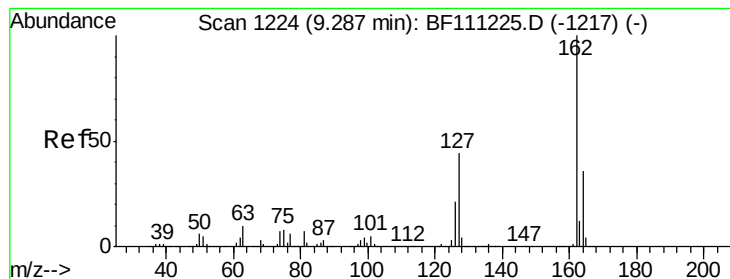
#46
1,1'-Biphenyl
Concen: 36.155 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.00 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Tgt Ion:154 Resp: 3702559
Ion Ratio Lower Upper
154 100
153 44.9 23.7 63.7
76 15.9 0.0 35.0



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





#47

2-Chloronaphthalene

Concen: 36.311 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

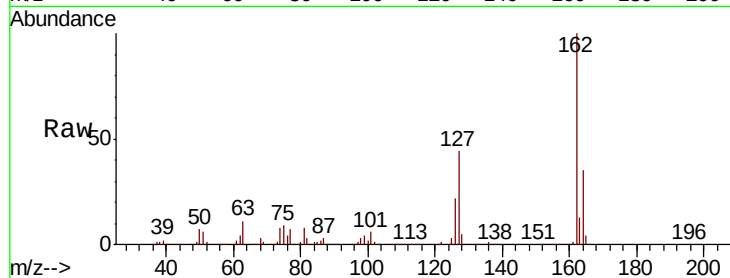
Tgt Ion:162 Resp: 2926594

Ion Ratio Lower Upper

162 100

127 44.3 35.0 52.4

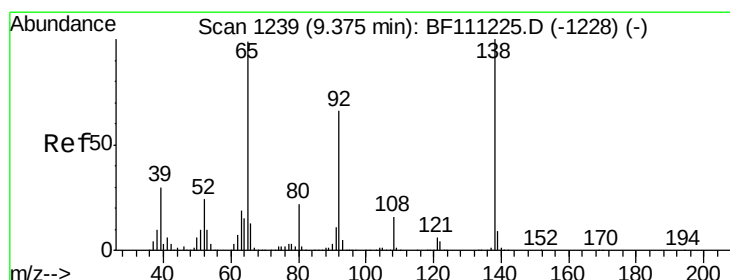
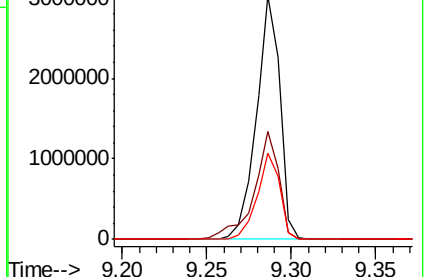
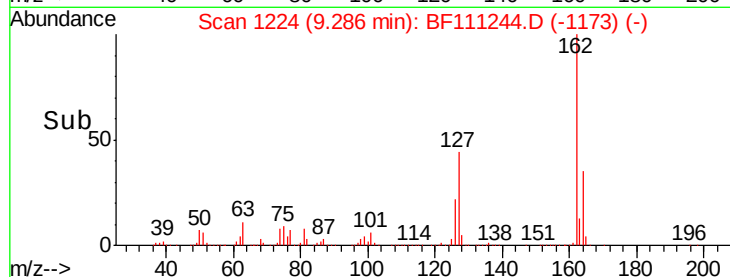
164 35.2 28.4 42.6



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: 38.814 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

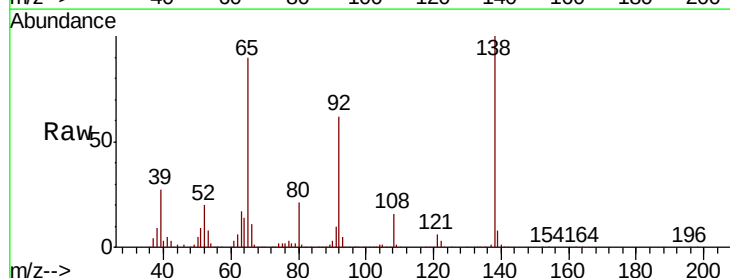
Tgt Ion: 65 Resp: 1067145

Ion Ratio Lower Upper

65 100

92 69.6 53.5 80.3

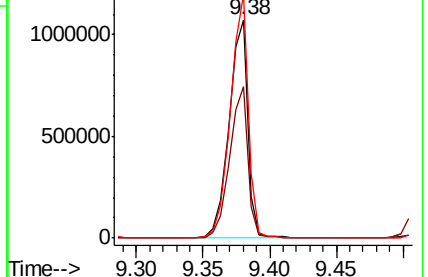
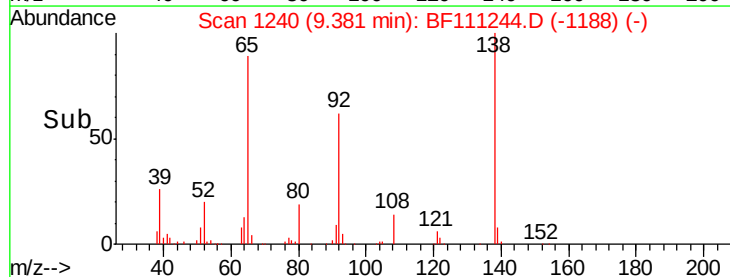
138 111.7 80.9 121.3

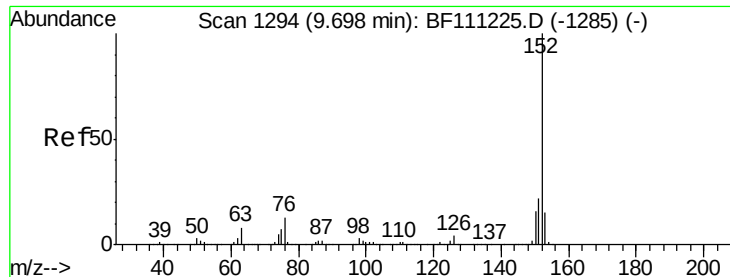


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 35.337 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

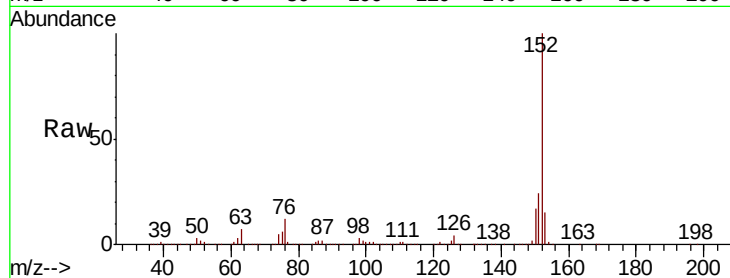
Tgt Ion:152 Resp: 4134647

Ion Ratio Lower Upper

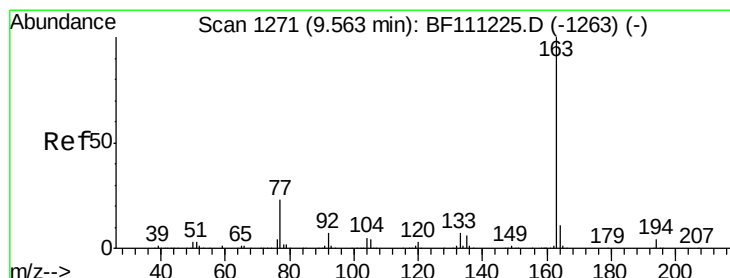
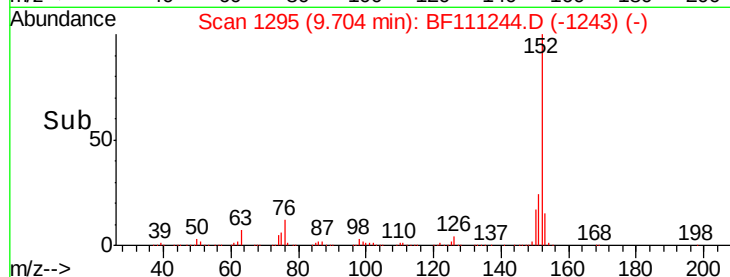
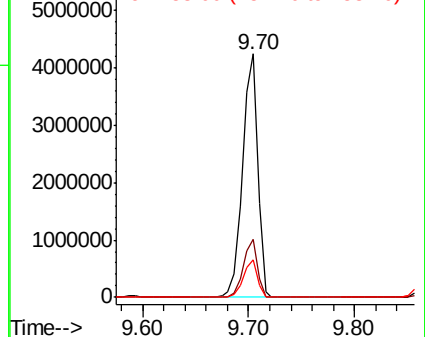
152 100

151 23.7 18.0 27.0

153 15.5 12.3 18.5



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 35.552 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

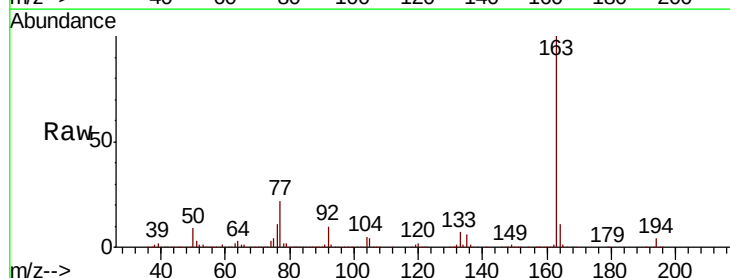
Tgt Ion:163 Resp: 3231241

Ion Ratio Lower Upper

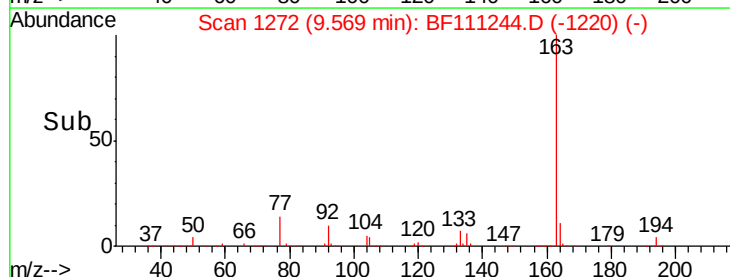
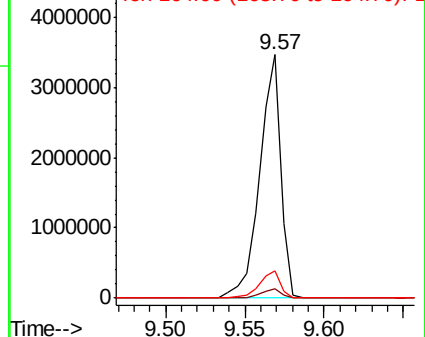
163 100

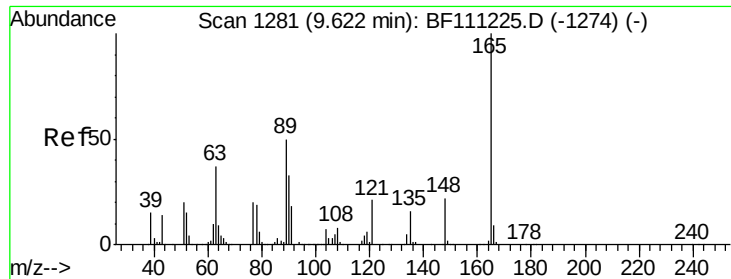
194 4.0 3.0 4.6

164 11.2 8.9 13.3



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

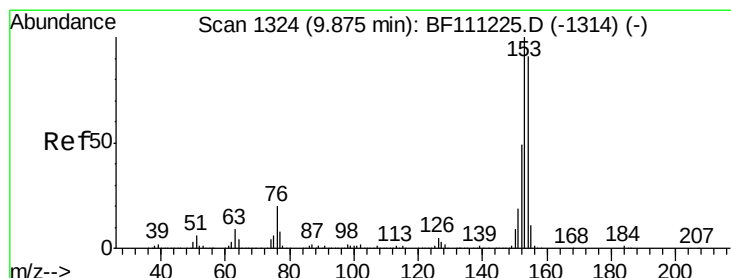
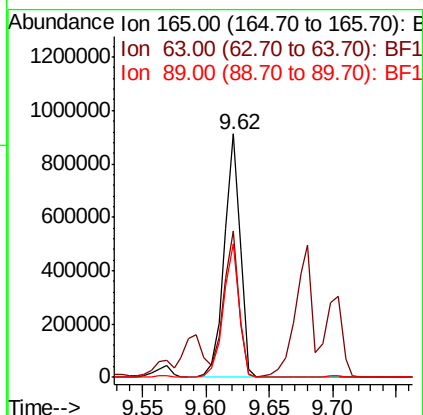
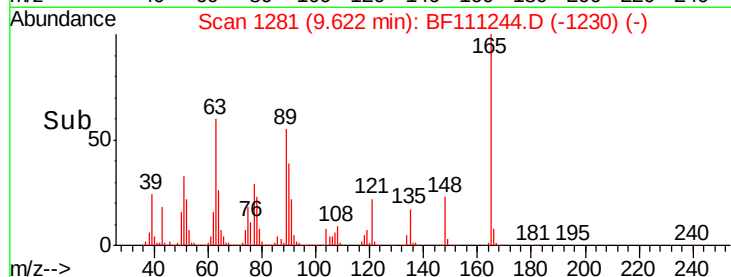
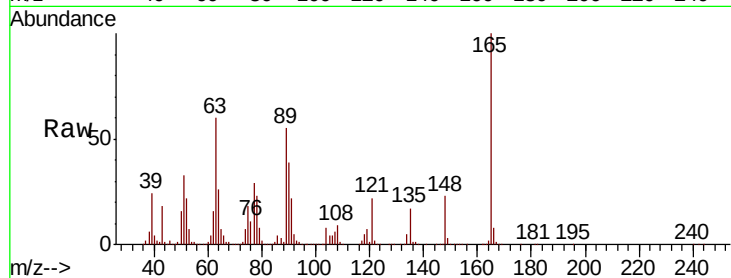




#51
 2,6-Dinitrotoluene
 Concen: 39.647 ng
 RT: 9.62 min Scan# 1281
 Delta R.T. -0.00 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

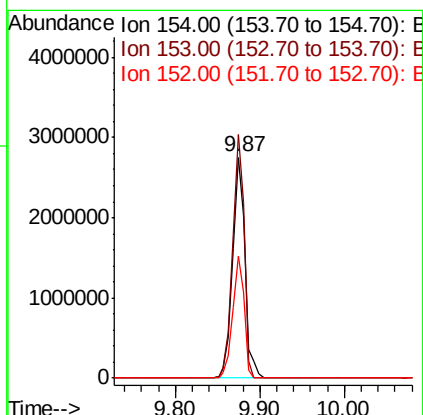
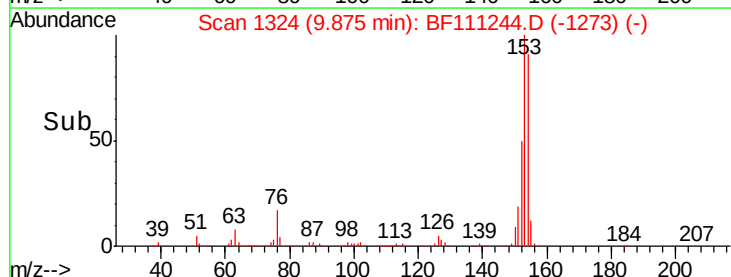
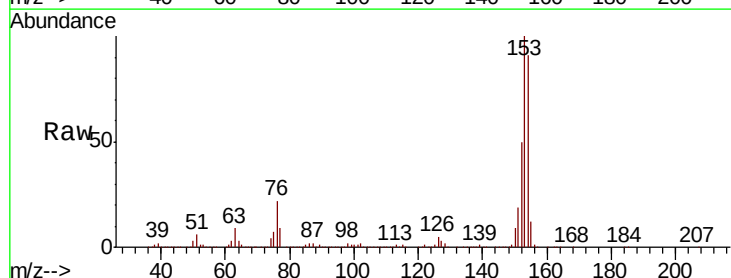
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

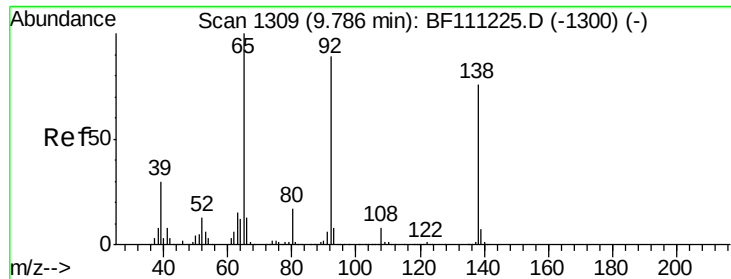
Tgt Ion:165 Resp: 795784
 Ion Ratio Lower Upper
 165 100
 63 60.3 40.5 60.7
 89 54.9 40.0 60.0



#52
 Acenaphthene
 Concen: 37.184 ng
 RT: 9.87 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Tgt Ion:154 Resp: 2730336
 Ion Ratio Lower Upper
 154 100
 153 110.3 87.8 131.8
 152 55.2 43.4 65.2





#53

3-Nitroaniline

Concen: 39.176 ng

RT: 9.79 min Scan# 1310

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

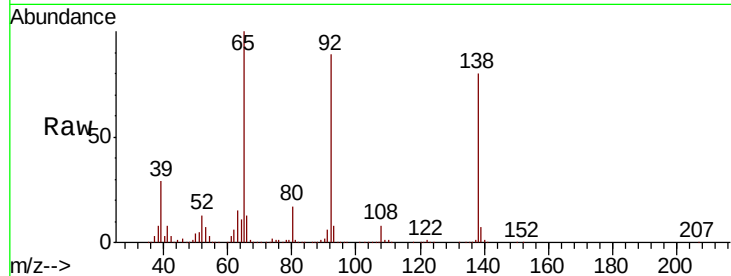
Tgt Ion:138 Resp: 970567

Ion Ratio Lower Upper

138 100

108 10.2 8.2 12.4

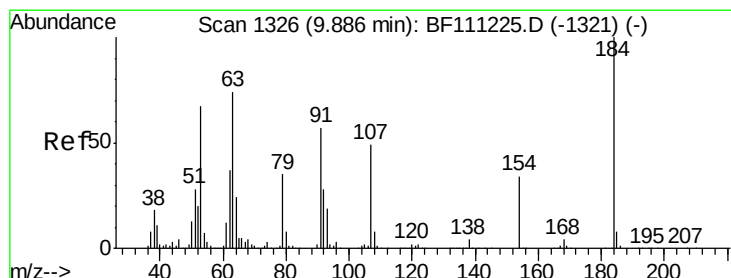
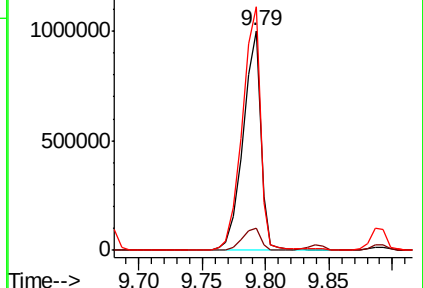
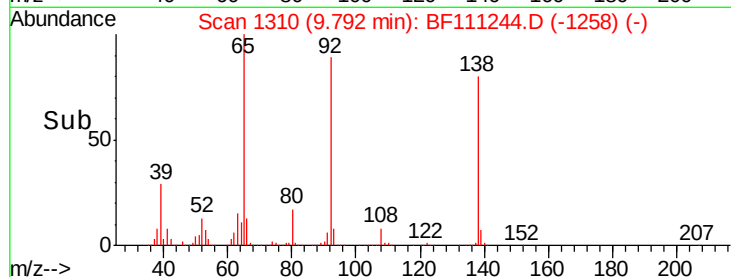
92 111.0 93.4 140.2



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1



#54

2,4-Dinitrophenol

Concen: 37.776 ng

RT: 9.89 min Scan# 1327

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

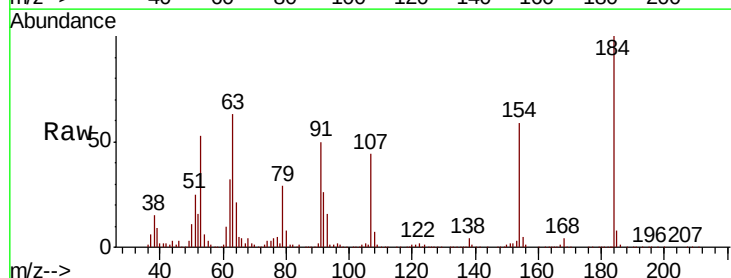
Tgt Ion:184 Resp: 299632

Ion Ratio Lower Upper

184 100

63 63.0 62.3 93.5

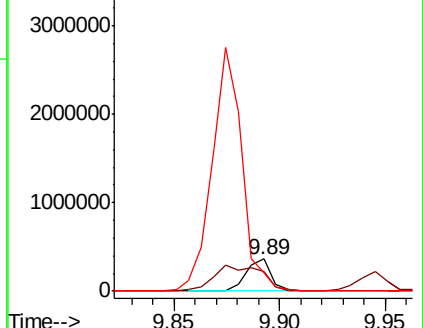
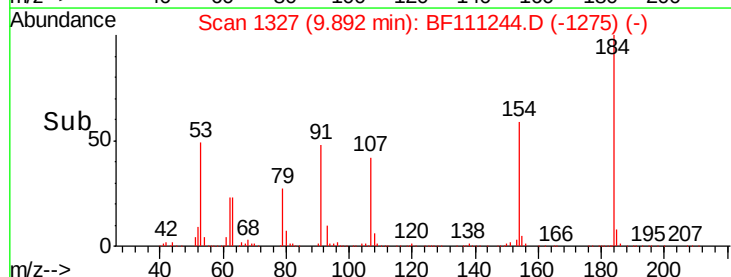
154 58.9 56.2 84.2

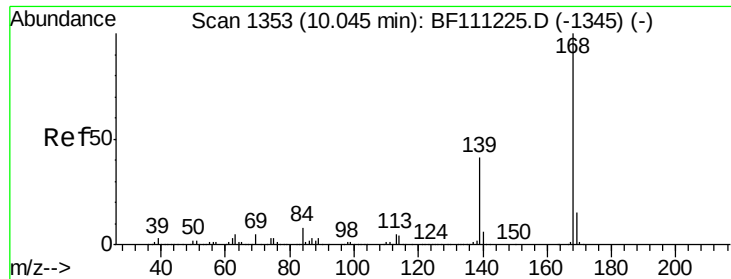


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

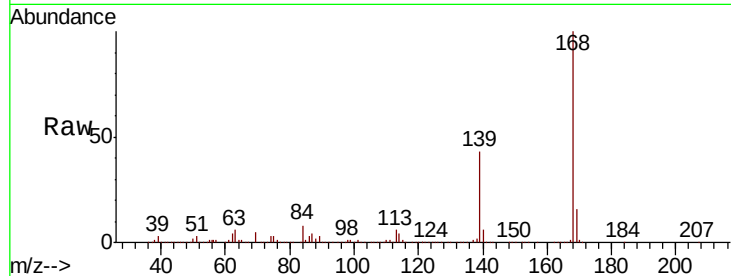




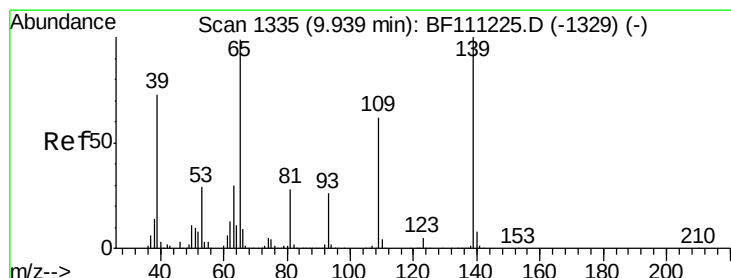
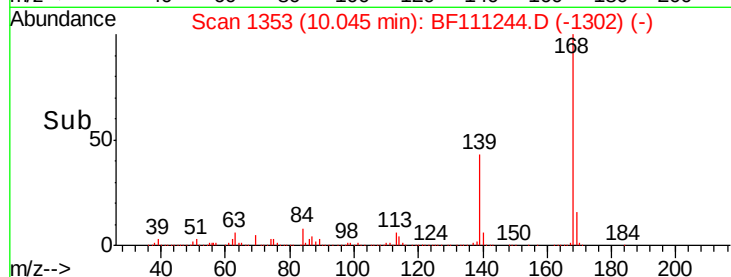
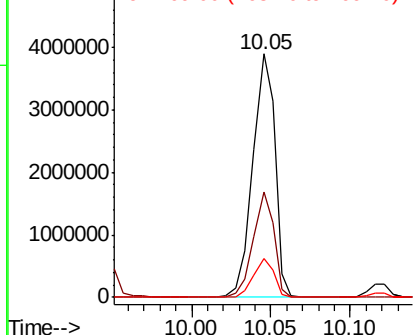
#55
Dibenzofuran
Concen: 37.947 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:168 Resp: 3790623
Ion Ratio Lower Upper
168 100
139 43.2 32.6 49.0
169 15.8 11.8 17.6

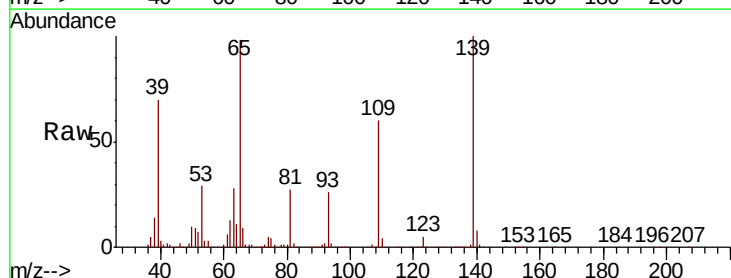


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

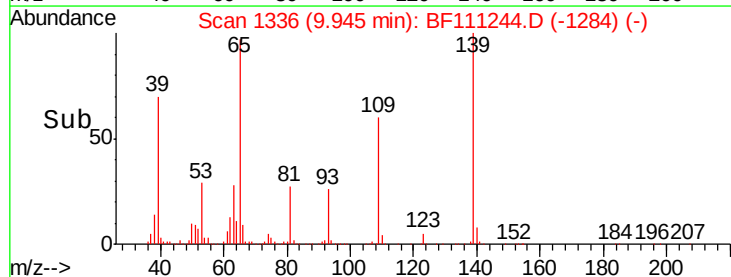
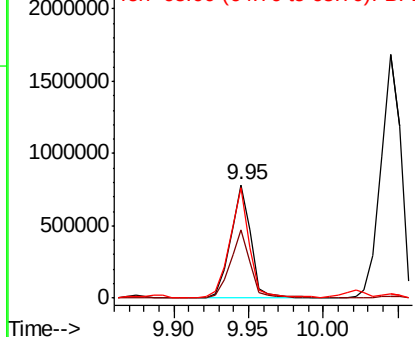


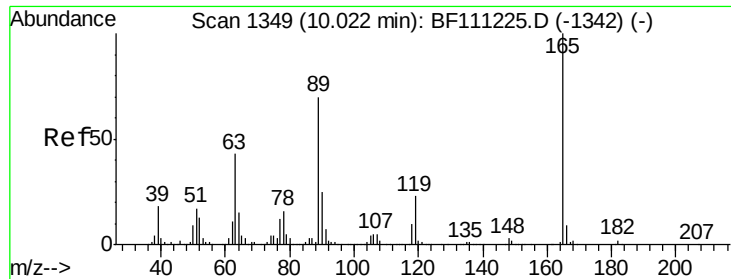
#56
4-Nitrophenol
Concen: 39.499 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Tgt Ion:139 Resp: 762149
Ion Ratio Lower Upper
139 100
109 60.4 41.8 81.8
65 97.7 79.6 119.6



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

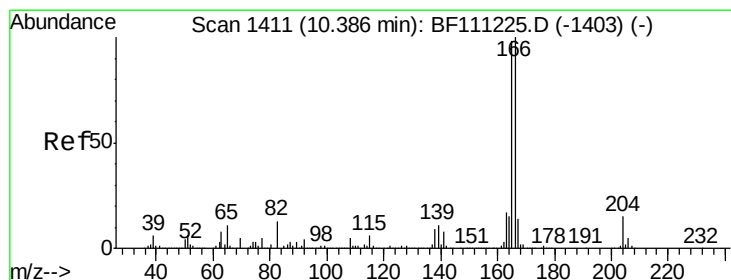
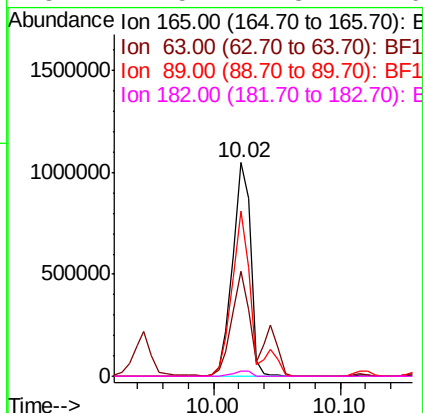
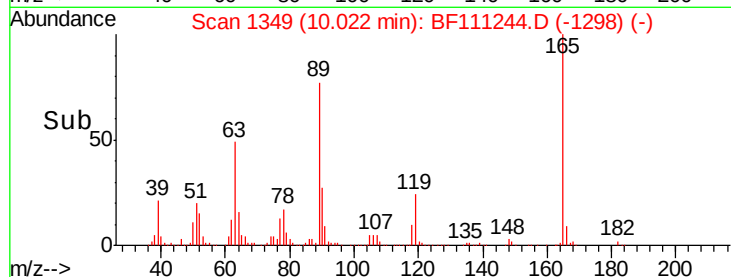
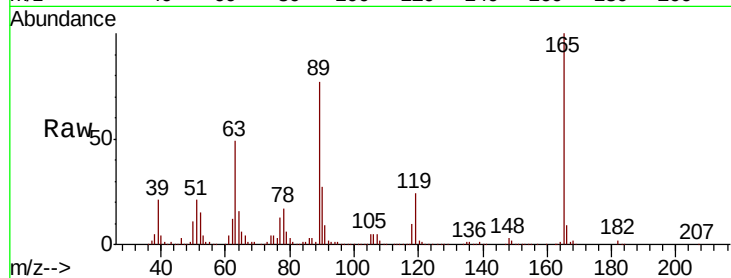




#57
2,4-Dinitrotoluene
Concen: 41.230 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

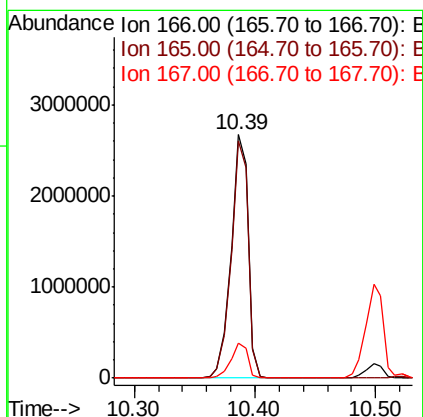
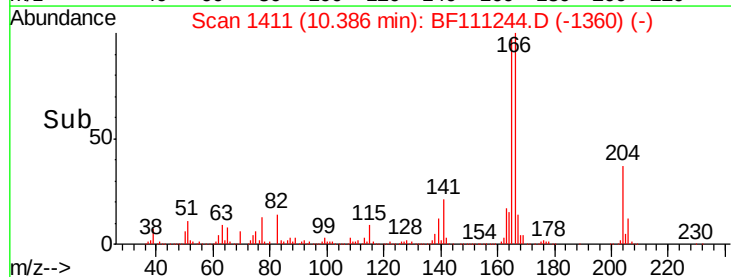
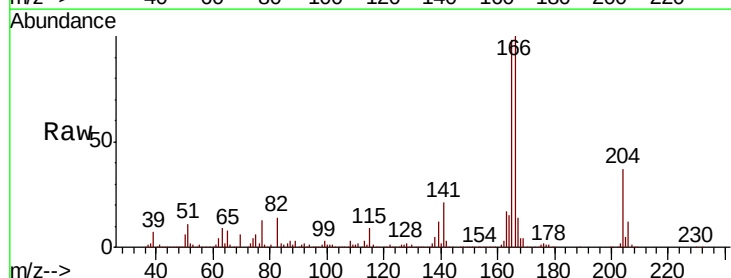
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

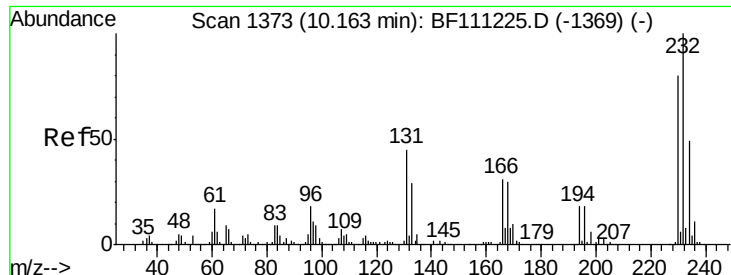
Tgt Ion:165 Resp: 1020205
Ion Ratio Lower Upper
165 100
63 49.2 34.6 52.0
89 77.2 56.2 84.4
182 2.5 1.8 2.6



#58
Fluorene
Concen: 34.067 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Tgt Ion:166 Resp: 2633404
Ion Ratio Lower Upper
166 100
165 97.5 78.4 117.6
167 14.4 11.2 16.8

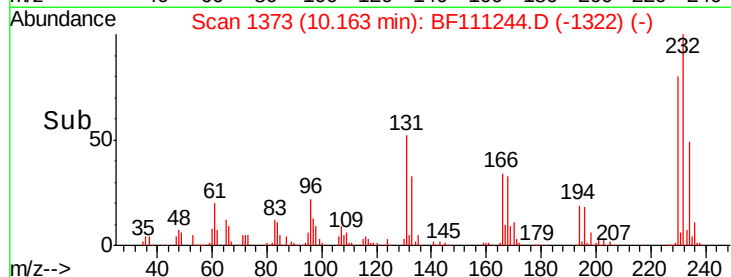
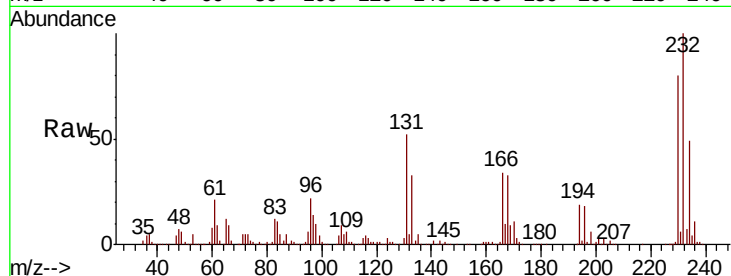




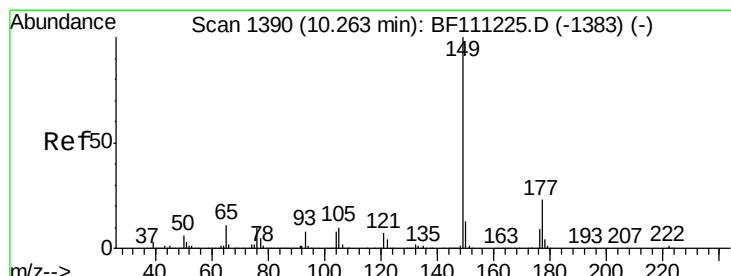
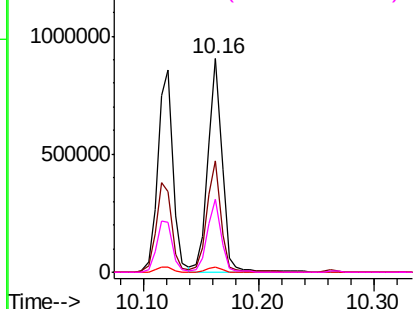
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.182 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion	Ratio	Lower	Upper
232	100		
131	51.5	40.9	61.3
130	2.5	2.0	3.0
166	33.7	26.8	40.2

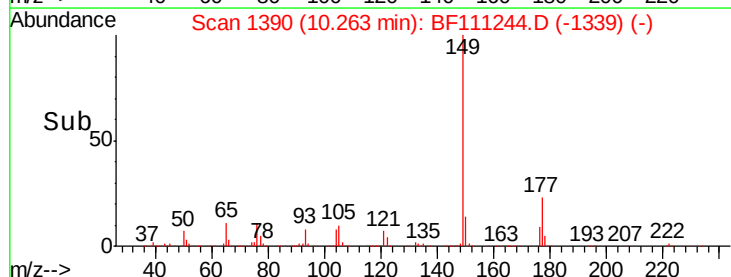
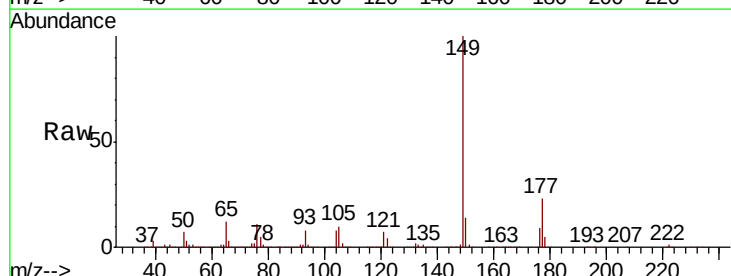


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

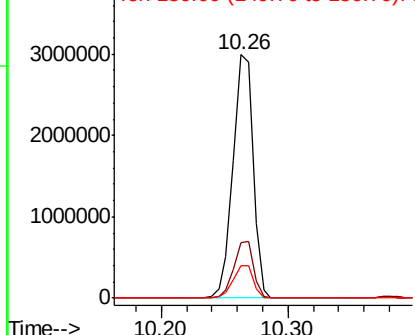


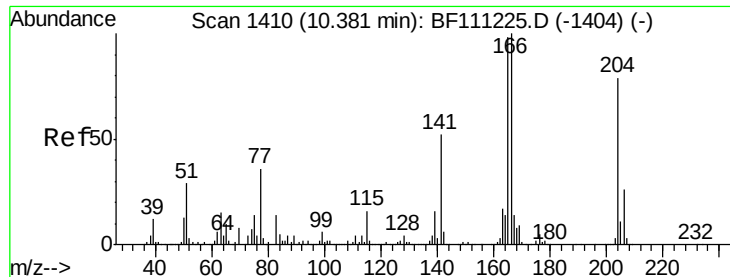
#60
 Diethylphthalate
 Concen: 37.835 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Tgt Ion	Ratio	Lower	Upper
149	100		
177	22.7	18.3	27.5
150	13.6	10.6	15.8



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



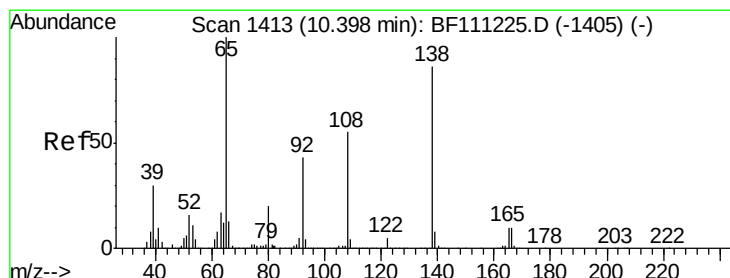
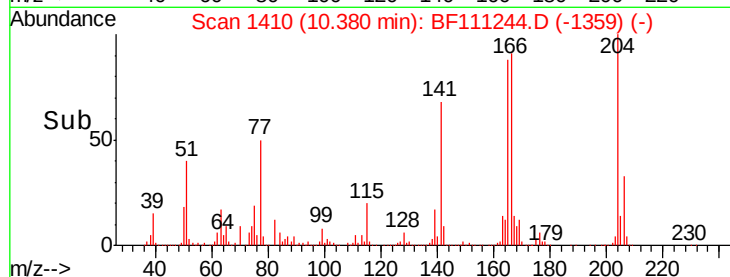
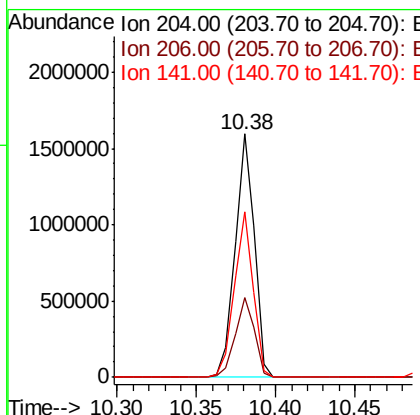
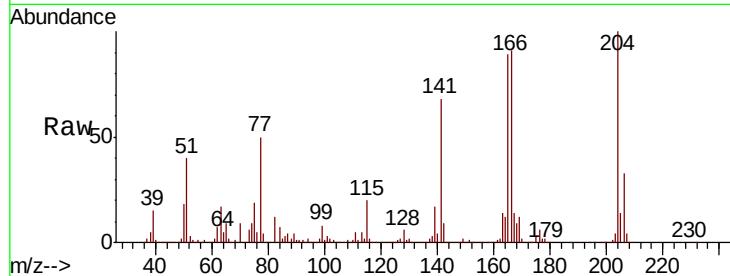


#61
 4-Chlorophenyl-phenylether
 Concen: 34.981 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion: 204 Resp: 1342608

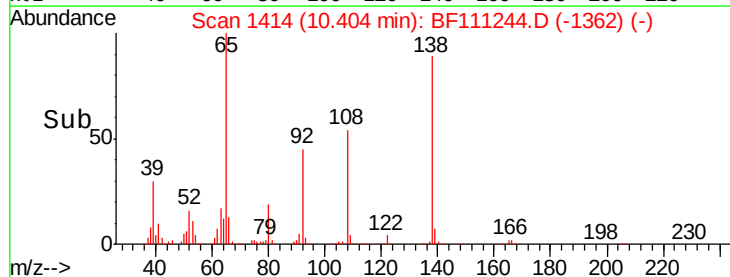
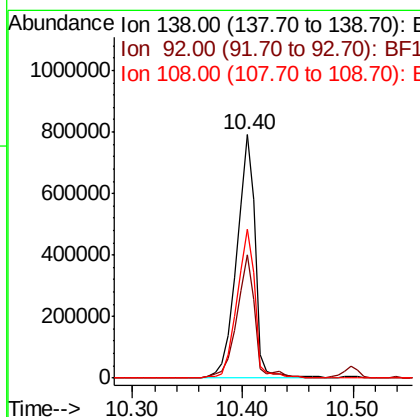
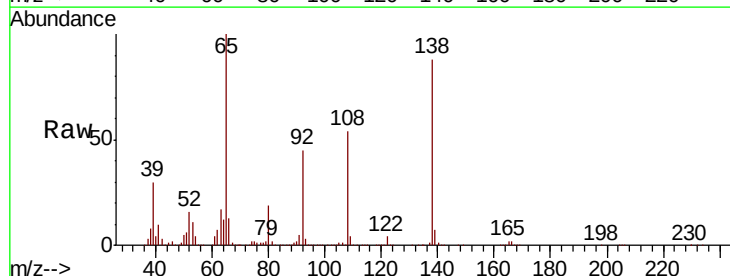
Ion	Ratio	Lower	Upper
204	100		
206	32.8	26.6	39.8
141	68.2	52.6	78.8

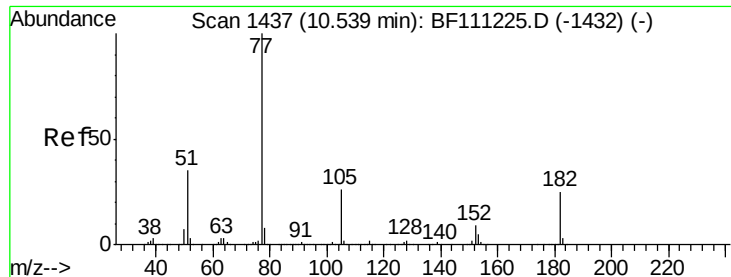


#62
 4-Nitroaniline
 Concen: 39.876 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Tgt Ion: 138 Resp: 934766

Ion	Ratio	Lower	Upper
138	100		
92	50.4	29.9	69.9
108	61.0	43.2	83.2





#63

Azobenzene

Concen: 37.049 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

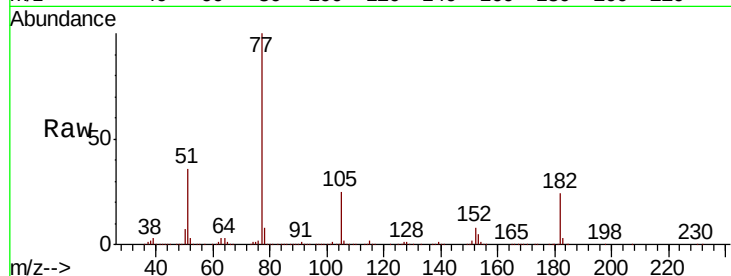
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 77 Resp: 3333000

Ion	Ratio	Lower	Upper
77	100		
182	23.5	4.9	44.9
105	25.0	6.0	46.0
51	35.6	14.7	54.7

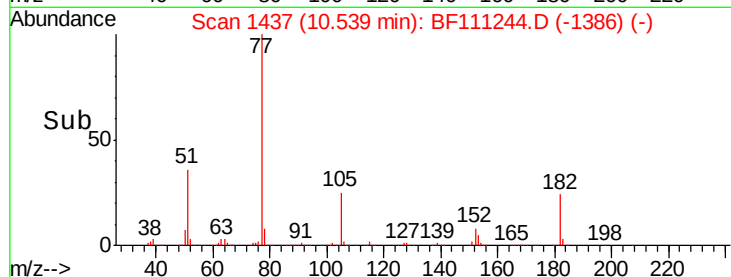


Abundance Ion 77.00 (76.70 to 77.70): BF1

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

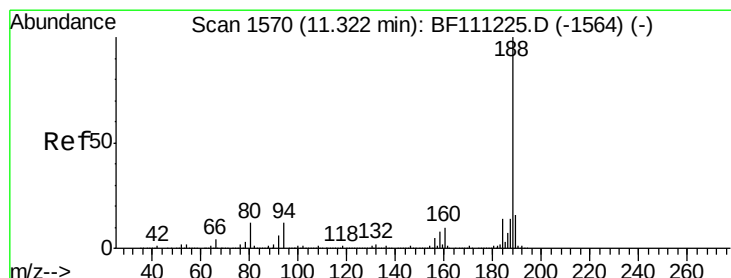


Time-->

10.54

10.55

10.60



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

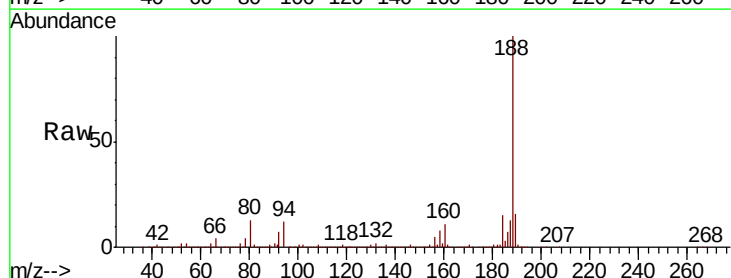
Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Tgt Ion: 188 Resp: 2060160

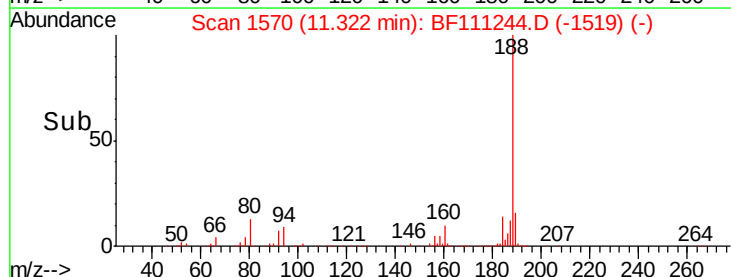
Ion	Ratio	Lower	Upper
188	100		
94	12.0	9.6	14.4
80	12.9	9.8	14.6



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

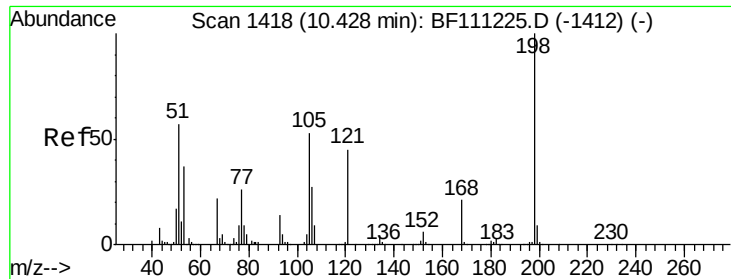
Ion 80.00 (79.70 to 80.70): BF1



Time-->

11.32

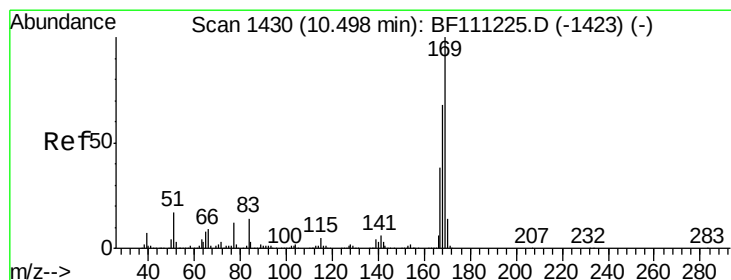
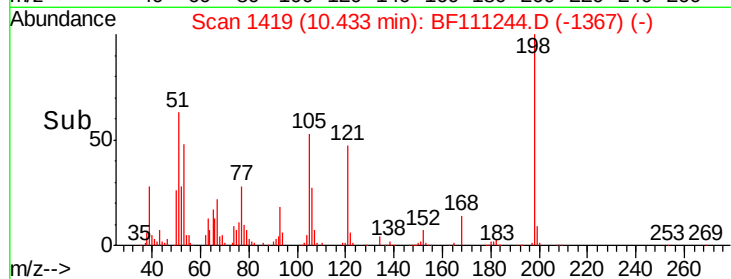
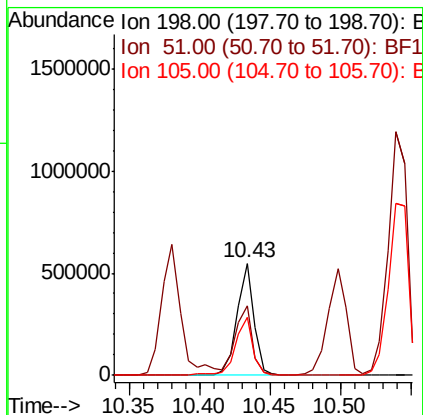
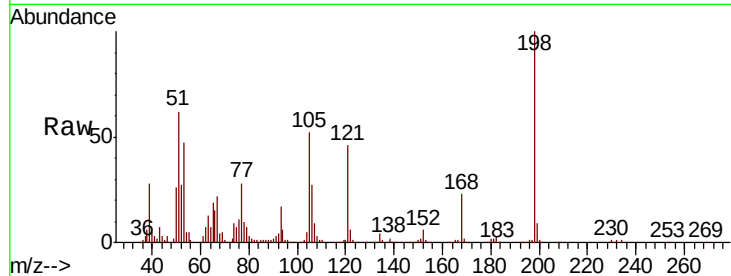
11.35



#65
 4,6-Dinitro-2-methylphenol
 Concen: 37.805 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. 0.01 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

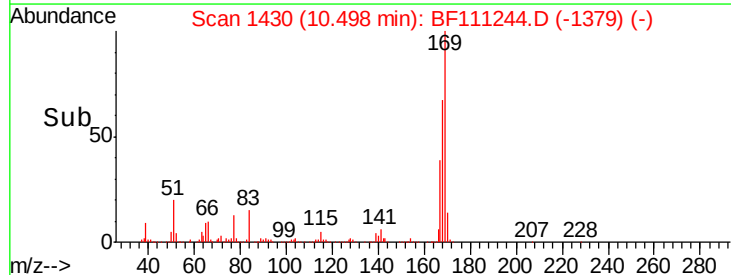
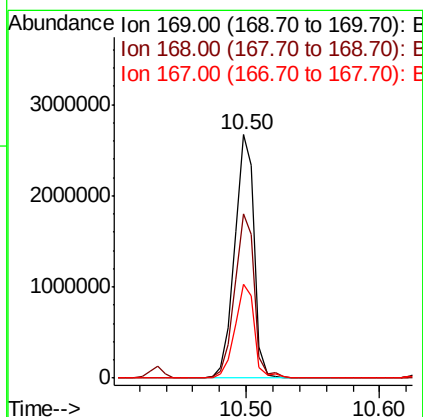
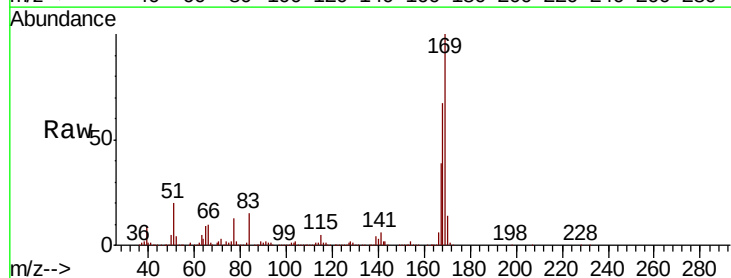
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

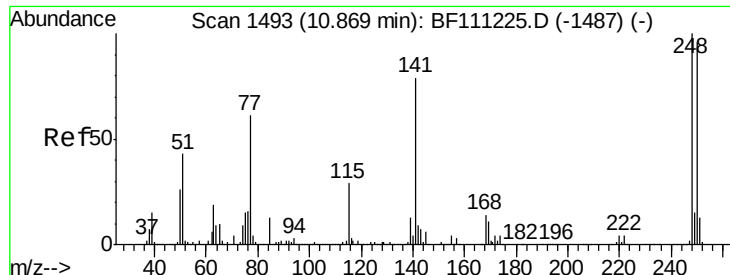
Tgt Ion:198 Resp: 458460
 Ion Ratio Lower Upper
 198 100
 51 62.1 48.0 88.0
 105 52.0 34.0 74.0



#66
 n-Nitrosodiphenylamine
 Concen: 38.875 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.00 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Tgt Ion:169 Resp: 2726241
 Ion Ratio Lower Upper
 169 100
 168 67.3 54.4 81.6
 167 38.6 30.5 45.7

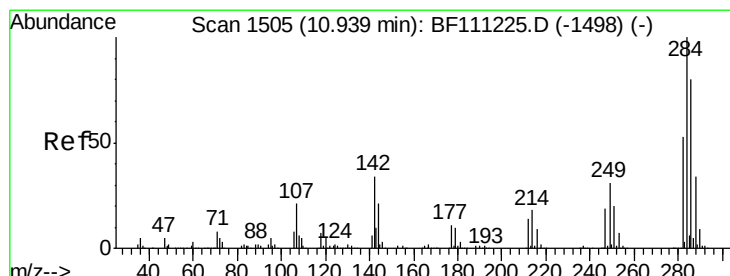
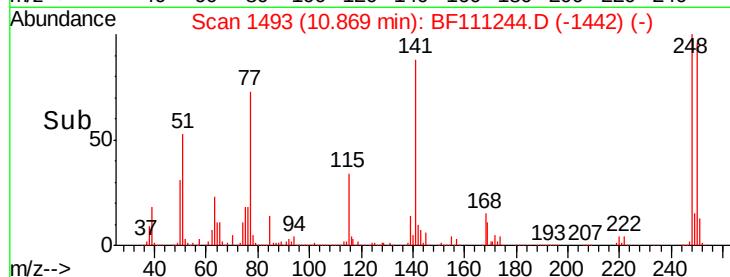
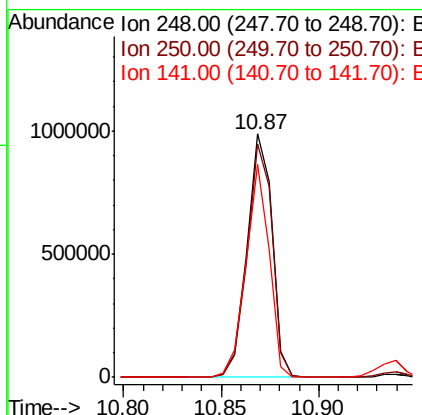
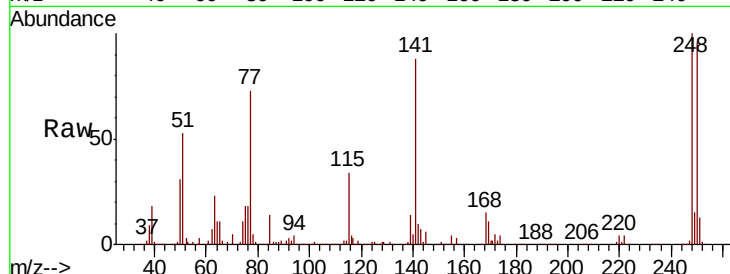




#67
 4-Bromophenyl-phenylether
 Concen: 38.969 ng
 RT: 10.87 min Scan# 1493
 Delta R.T. -0.00 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

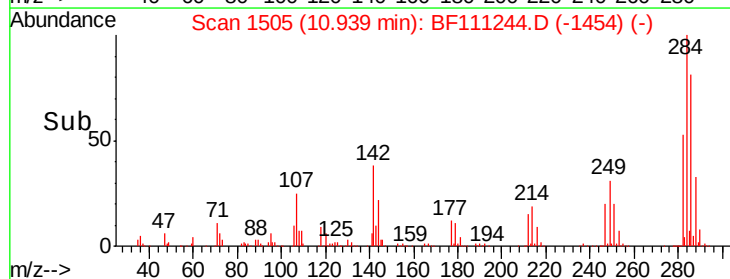
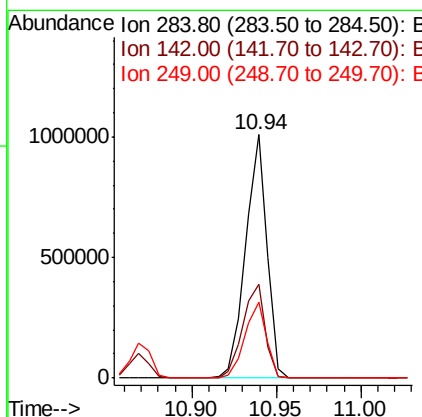
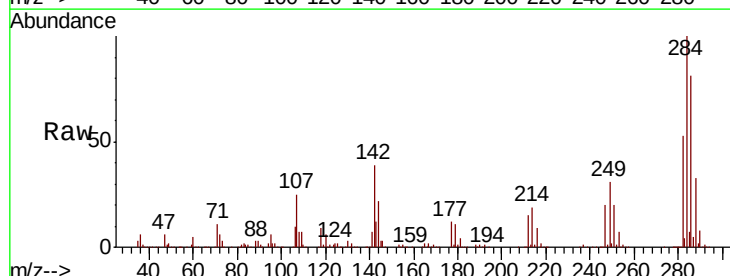
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

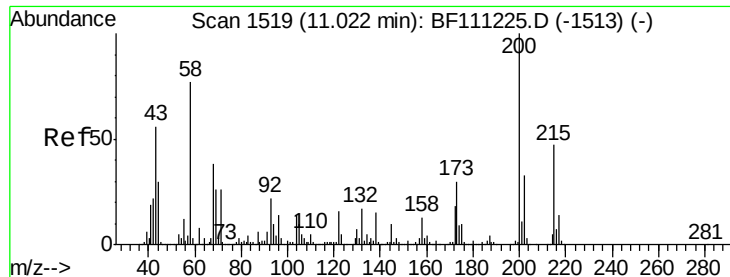
Tgt Ion:248 Resp: 879309
 Ion Ratio Lower Upper
 248 100
 250 95.9 77.0 115.4
 141 87.6 63.0 94.6



#68
 Hexachlorobenzene
 Concen: 38.864 ng
 RT: 10.94 min Scan# 1505
 Delta R.T. -0.00 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Tgt Ion:284 Resp: 892092
 Ion Ratio Lower Upper
 284 100
 142 38.7 27.4 41.2
 249 31.0 24.4 36.6





#69

Atrazine

Concen: 38.654 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

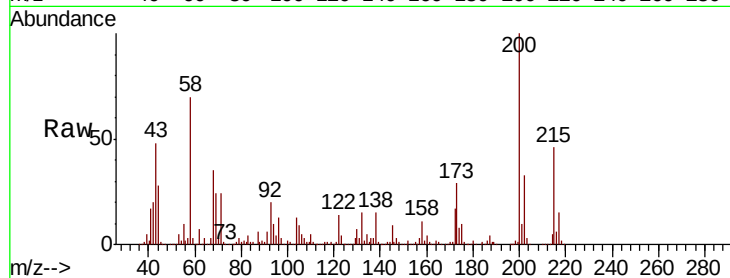
Tgt Ion:200 Resp: 824325

Ion Ratio Lower Upper

200 100

173 29.1 10.1 50.1

215 45.9 26.9 66.9

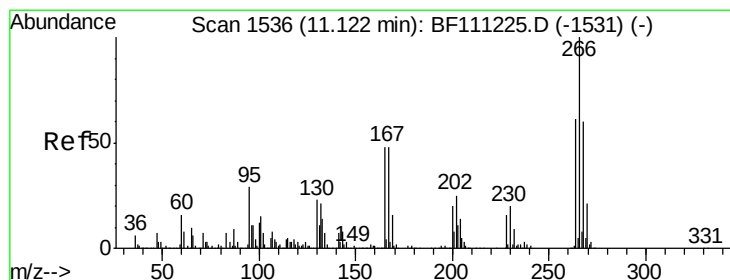
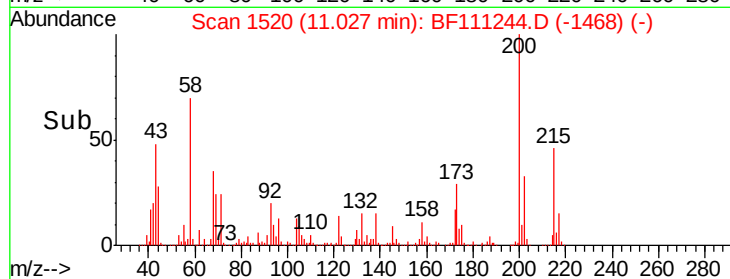
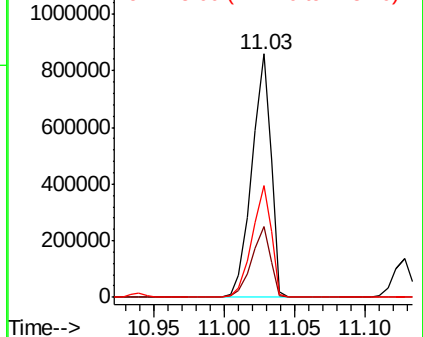


Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 39.985 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

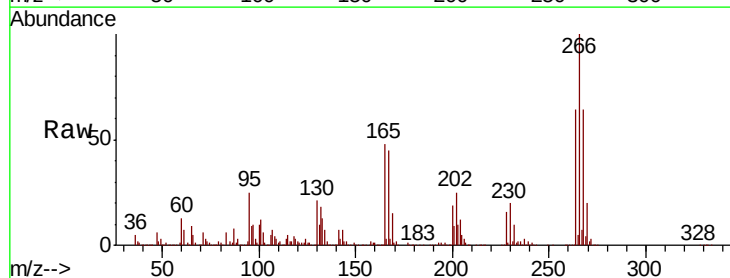
Tgt Ion:266 Resp: 665817

Ion Ratio Lower Upper

266 100

268 64.2 47.9 71.9

264 63.8 49.1 73.7

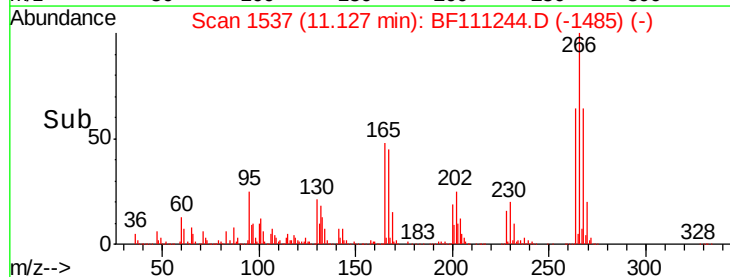
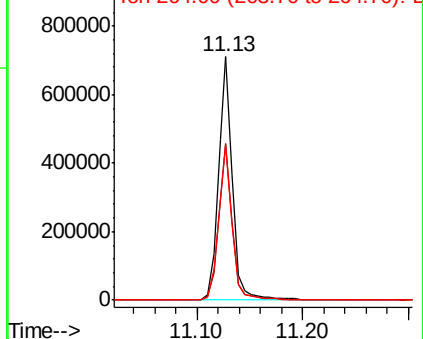


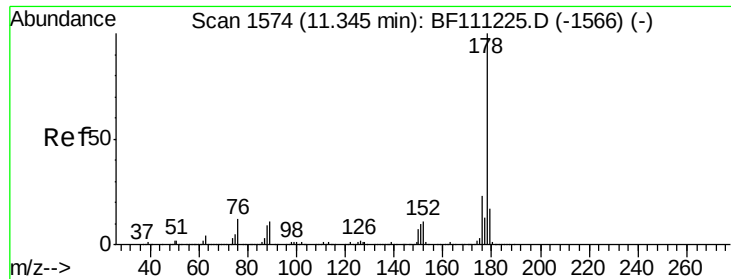
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 36.144 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

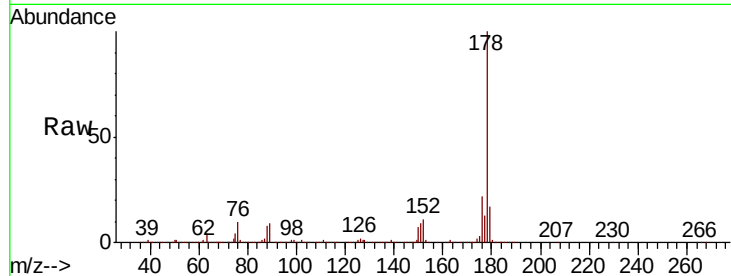
Tgt Ion:178 Resp: 3755807

Ion Ratio Lower Upper

178 100

176 22.4 18.1 27.1

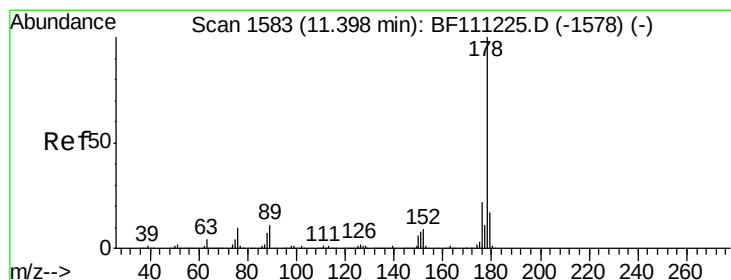
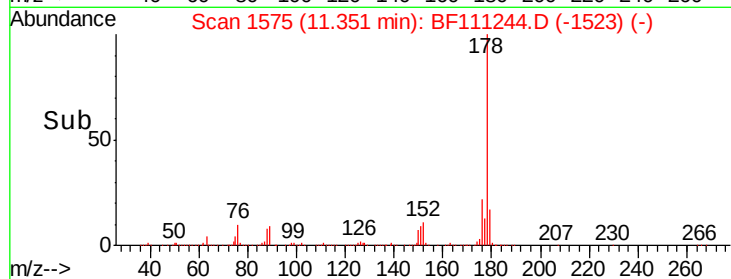
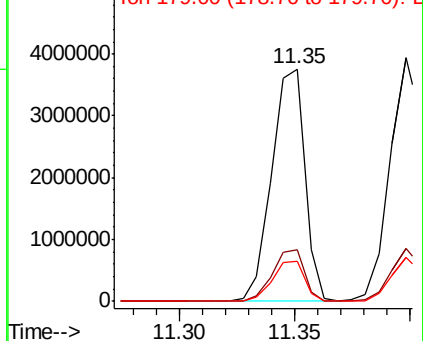
179 17.3 14.0 21.0



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: 35.532 ng

RT: 11.40 min Scan# 1583

Delta R.T. 0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

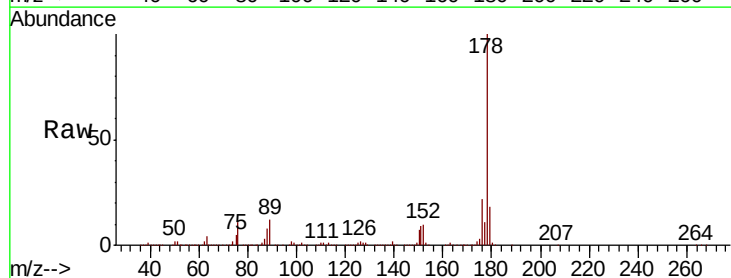
Tgt Ion:178 Resp: 3862858

Ion Ratio Lower Upper

178 100

176 21.7 17.2 25.8

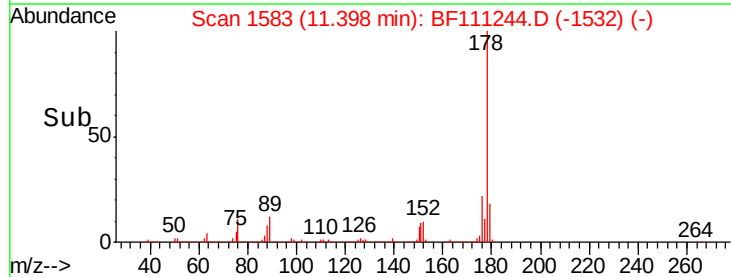
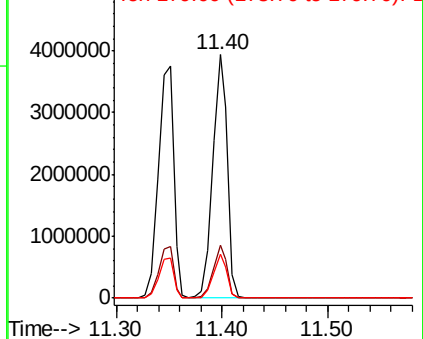
179 17.8 13.8 20.8

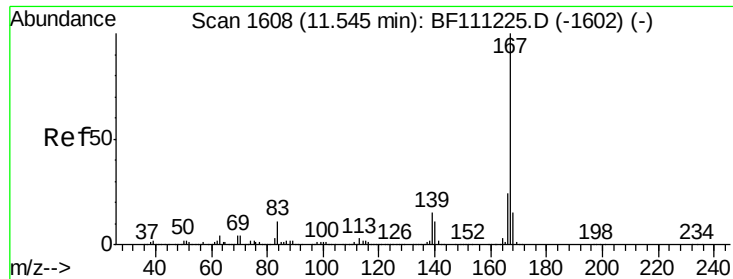


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

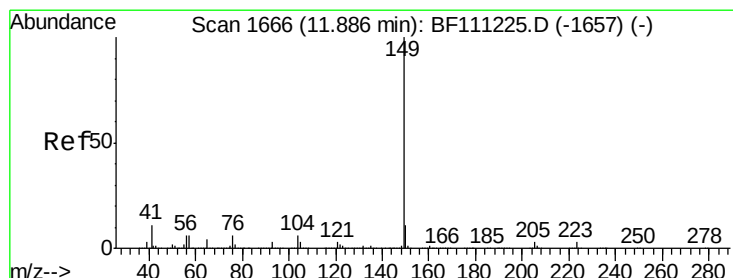
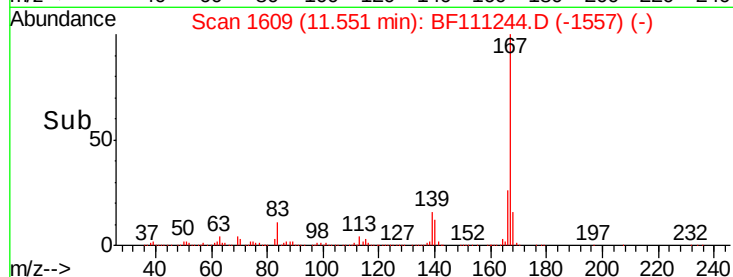
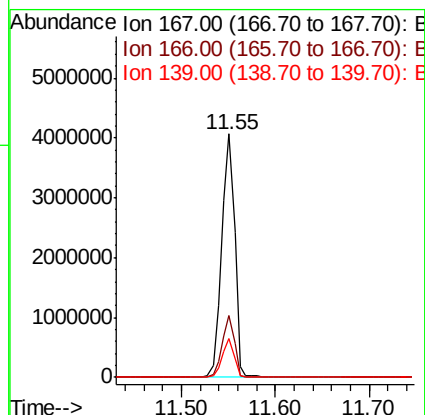
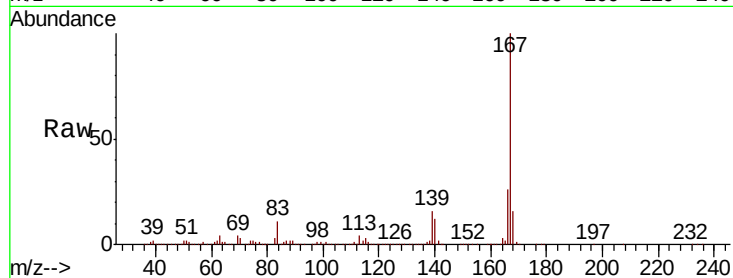




#73
 Carbazole
 Concen: 34.887 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

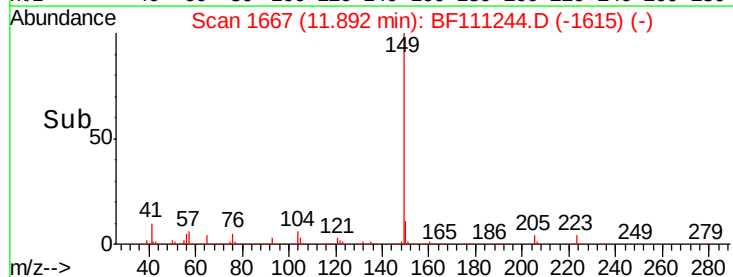
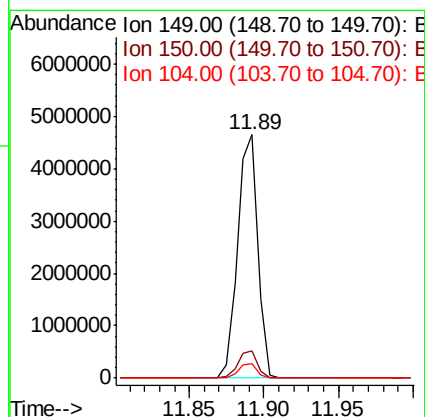
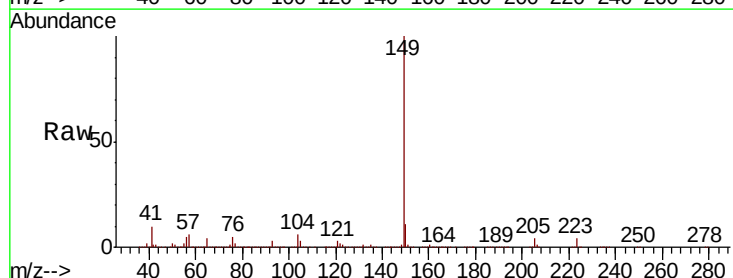
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

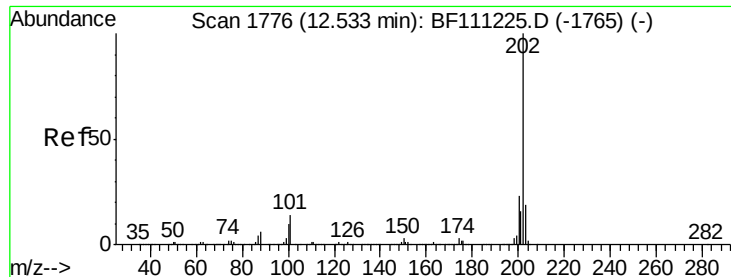
Tgt Ion:167 Resp: 3965802
 Ion Ratio Lower Upper
 167 100
 166 25.7 19.3 28.9
 139 15.7 11.9 17.9



#74
 Di-n-butylphthalate
 Concen: 37.840 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Tgt Ion:149 Resp: 4421220
 Ion Ratio Lower Upper
 149 100
 150 11.2 8.8 13.2
 104 5.7 4.5 6.7





#75

Fluoranthene

Concen: 38.718 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

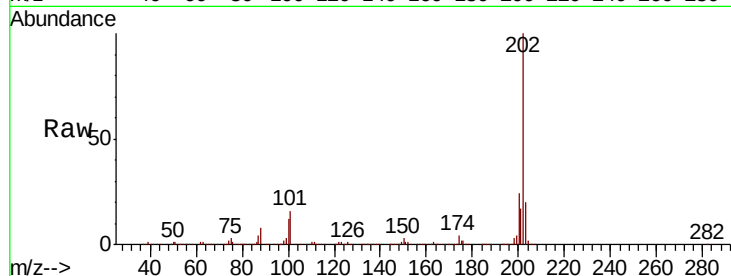
Tgt Ion:202 Resp: 3675249

Ion Ratio Lower Upper

202 100

101 16.0 0.0 33.8

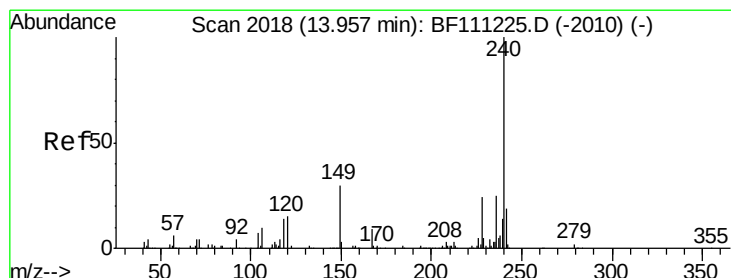
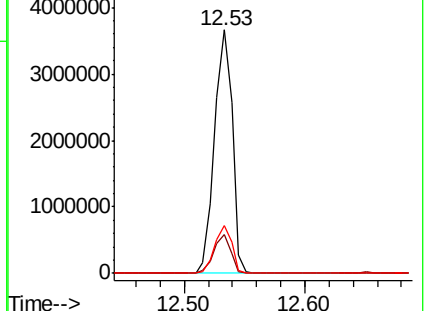
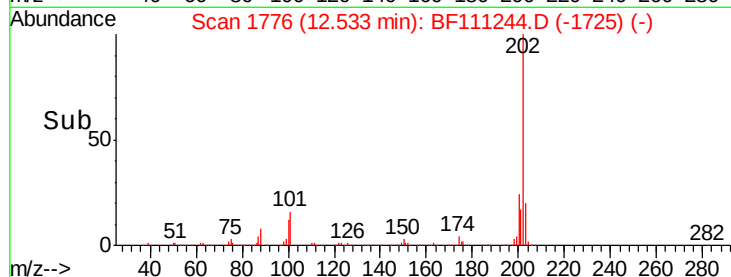
203 19.6 0.0 38.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.96 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

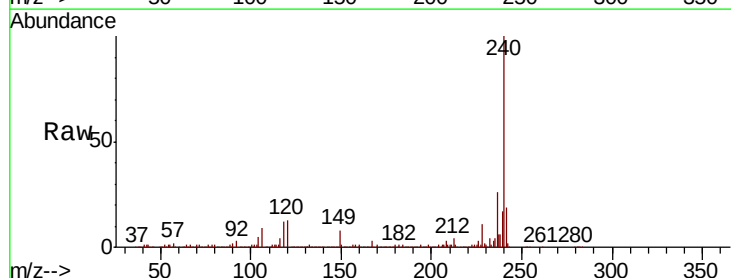
Tgt Ion:240 Resp: 1266386

Ion Ratio Lower Upper

240 100

120 12.7 12.2 18.2

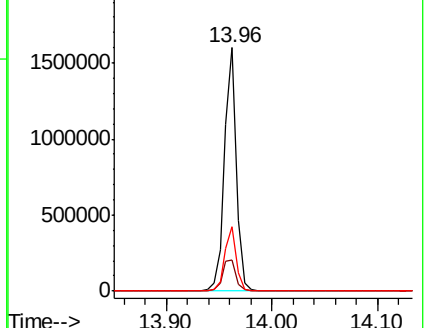
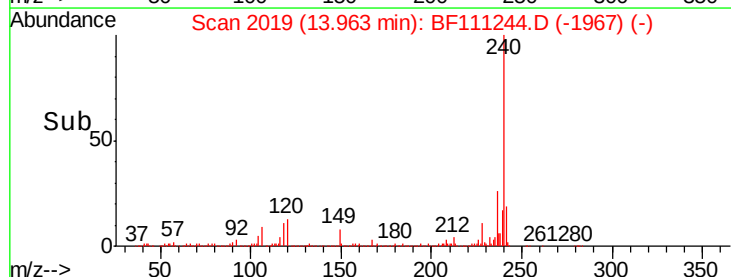
236 26.3 20.2 30.2

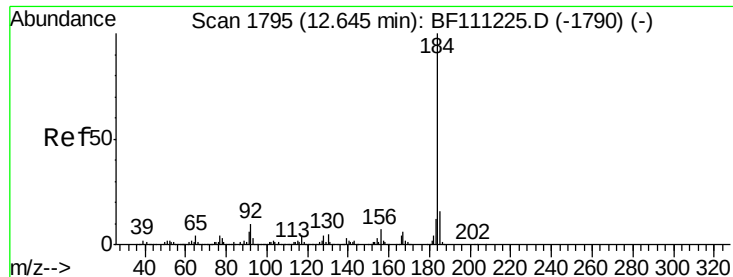


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 53.652 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

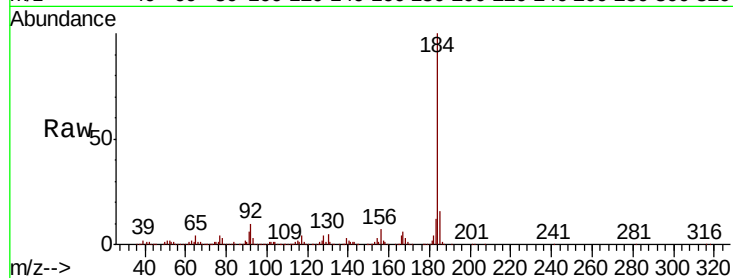
Tgt Ion:184 Resp: 2017411

Ion Ratio Lower Upper

184 100

185 15.6 13.0 19.6

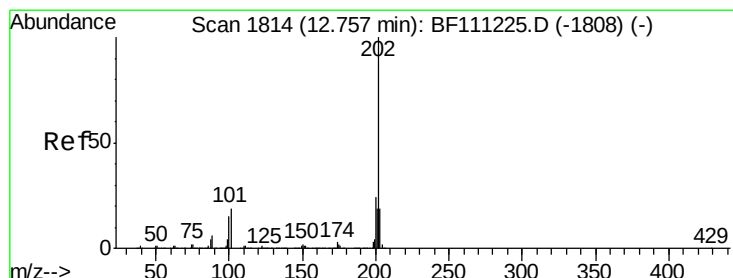
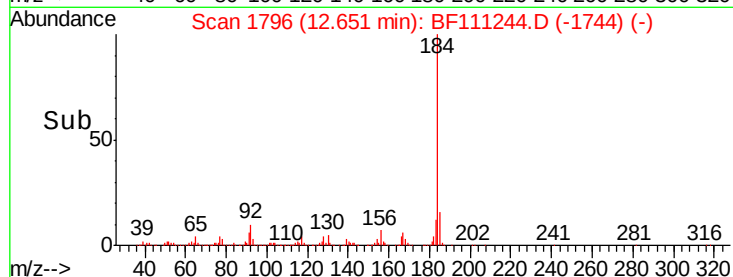
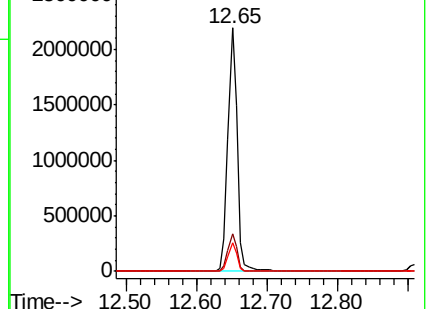
183 11.6 9.3 13.9



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.889 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

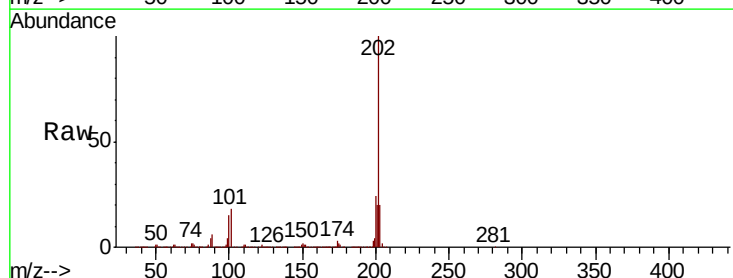
Tgt Ion:202 Resp: 3790814

Ion Ratio Lower Upper

202 100

200 24.2 19.0 28.4

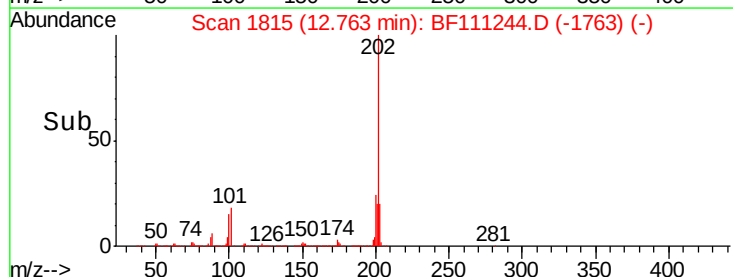
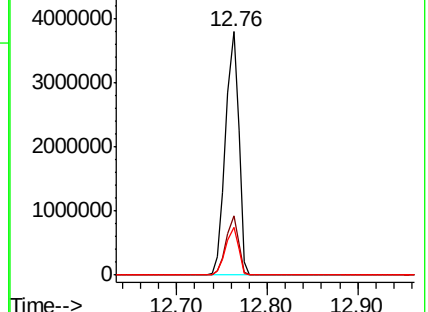
203 19.6 15.2 22.8

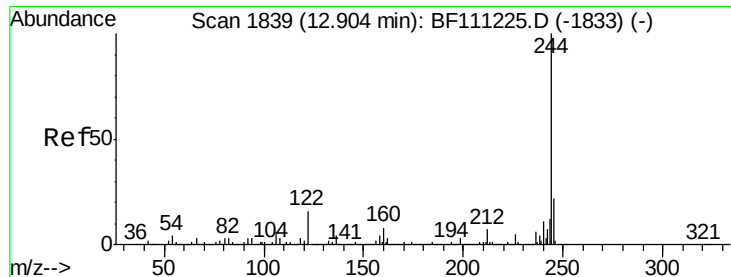


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

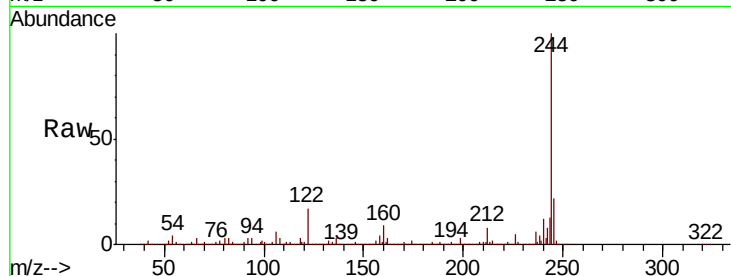




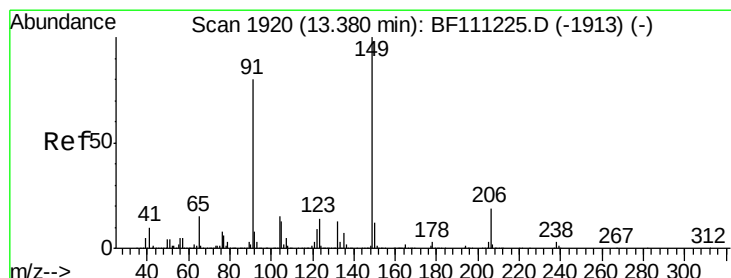
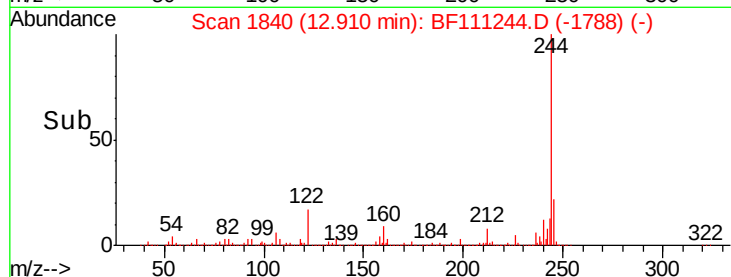
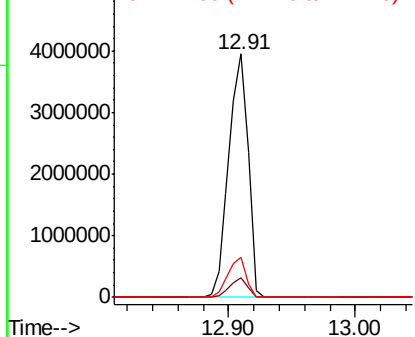
#79
 Terphenyl-d14
 Concen: 79.146 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tgt Ion:244 Resp: 4178613
 Ion Ratio Lower Upper
 244 100
 212 7.8 5.7 8.5
 122 16.6 13.1 19.7

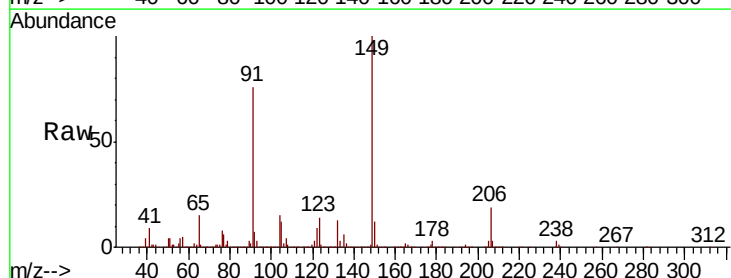


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

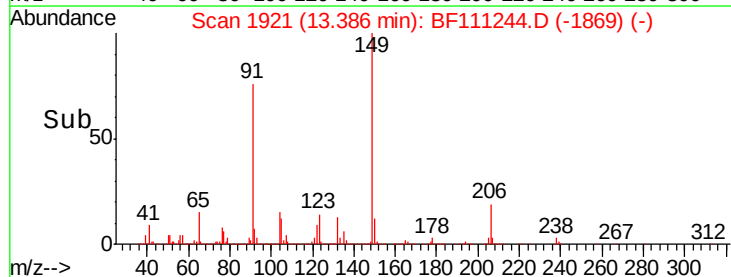
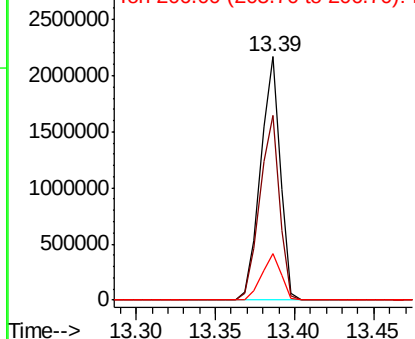


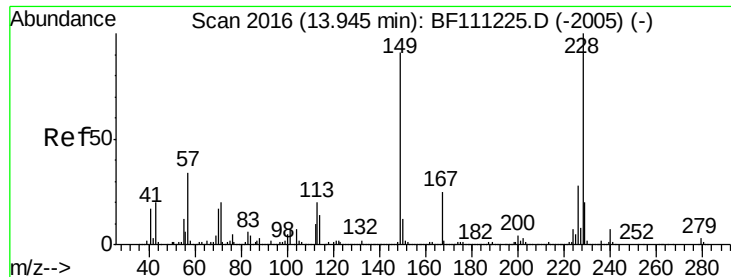
#80
 Butylbenzylphthalate
 Concen: 40.042 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111244.D
 Acq: 10 Dec 2018 16:12

Tgt Ion:149 Resp: 1892724
 Ion Ratio Lower Upper
 149 100
 91 75.7 63.8 95.6
 206 18.9 15.1 22.7



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: 37.586 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

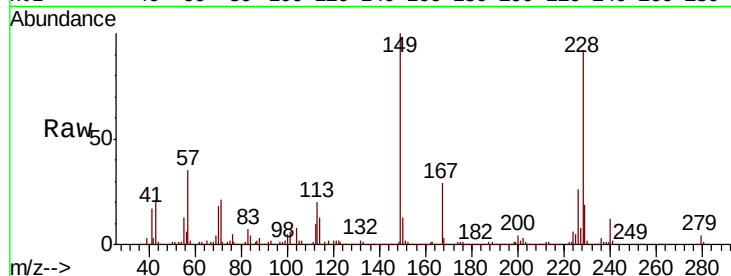
Tgt Ion:228 Resp: 2655474

Ion Ratio Lower Upper

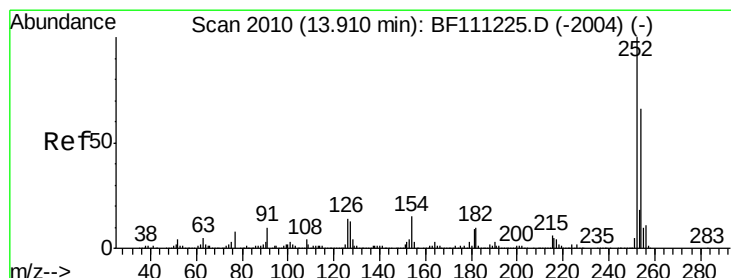
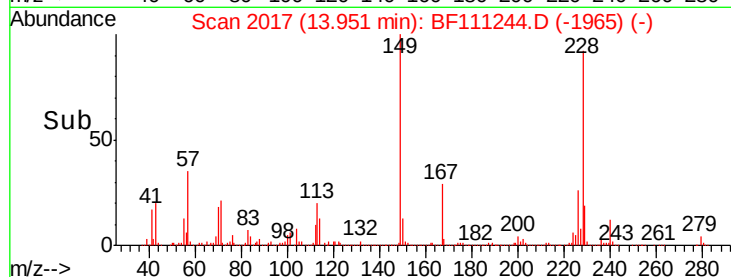
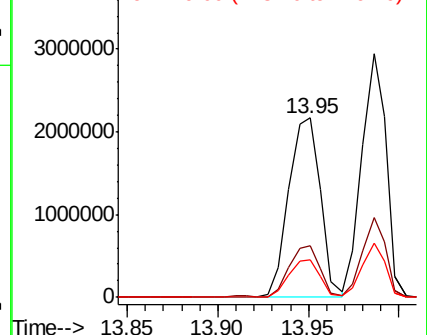
228 100

226 28.5 22.6 34.0

229 20.6 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E
Ion 226.00 (225.70 to 226.70): E
Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 38.317 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

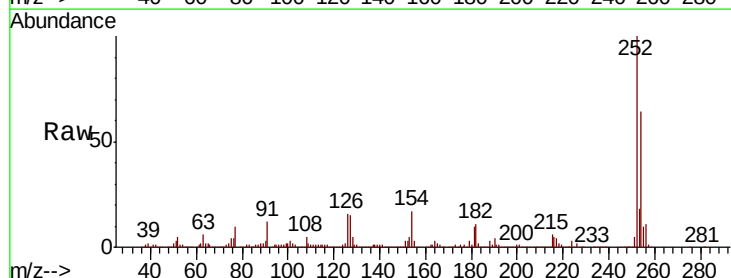
Tgt Ion:252 Resp: 1109579

Ion Ratio Lower Upper

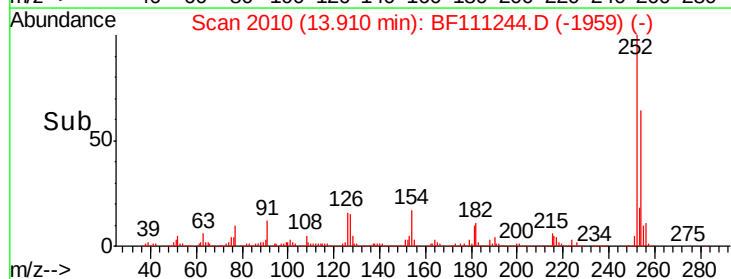
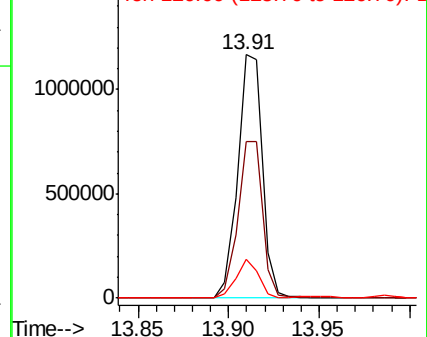
252 100

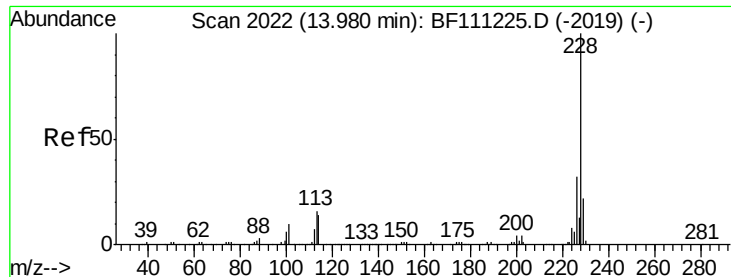
254 64.1 52.7 79.1

126 15.7 11.1 16.7



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 254.00 (253.70 to 254.70): E
Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.991 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

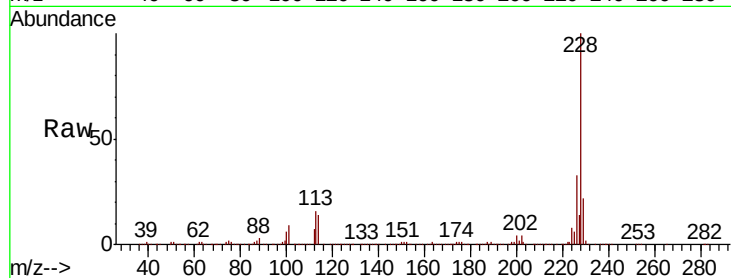
Tgt Ion:228 Resp: 2767123

Ion Ratio Lower Upper

228 100

226 32.7 25.3 37.9

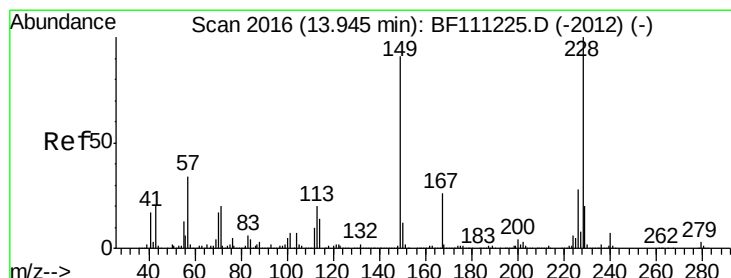
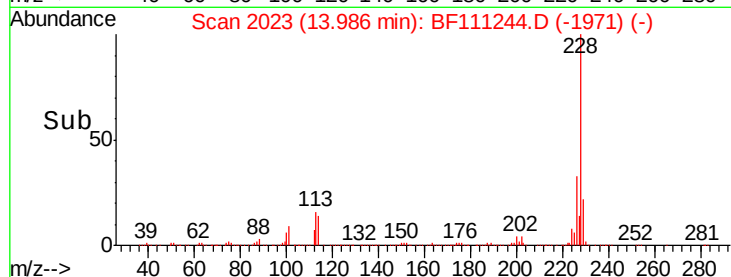
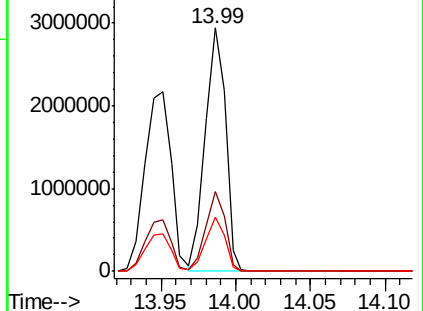
229 22.2 17.2 25.8



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: 37.462 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

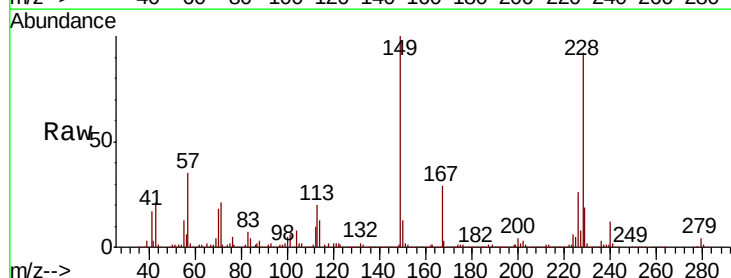
Tgt Ion:149 Resp: 2104136

Ion Ratio Lower Upper

149 100

167 28.8 22.5 33.7

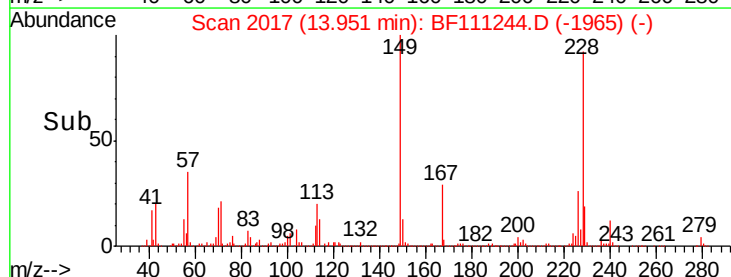
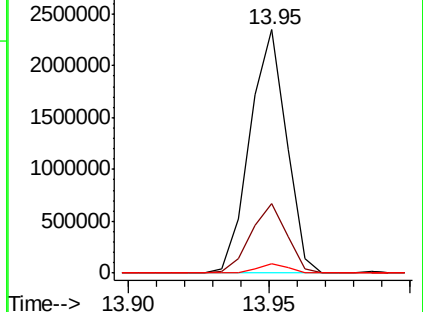
279 3.6 2.6 4.0

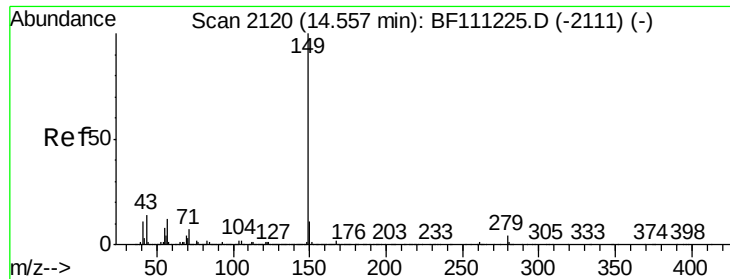


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

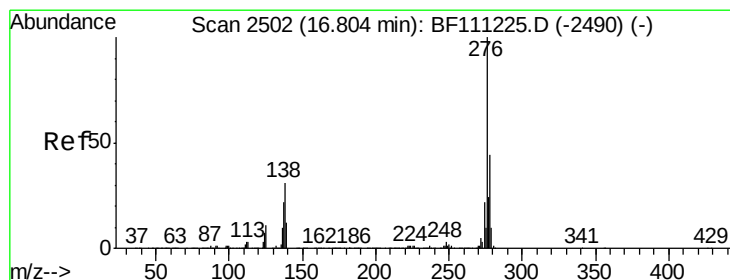
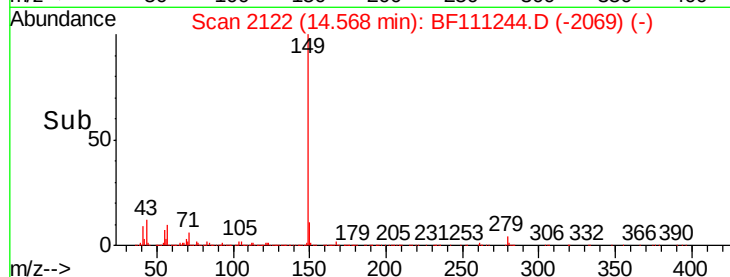
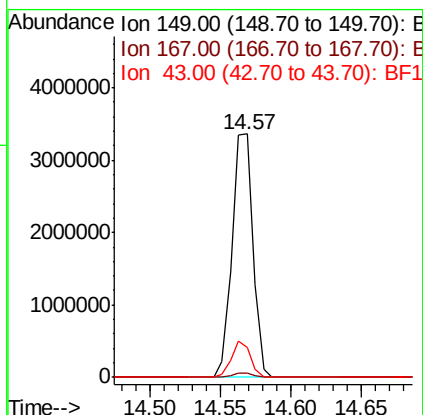
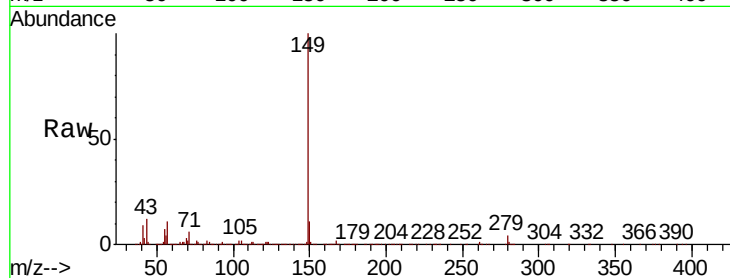




#85
Di-n-octyl phthalate
Concen: 36.812 ng
RT: 14.57 min Scan# 2122
Delta R.T. 0.01 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

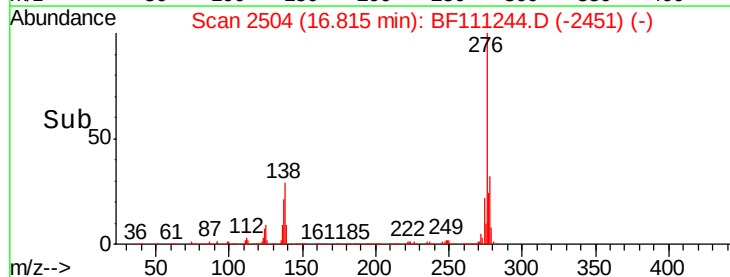
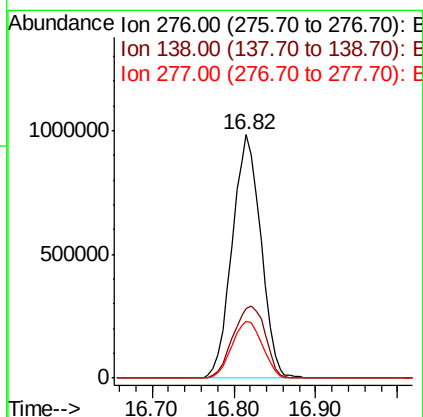
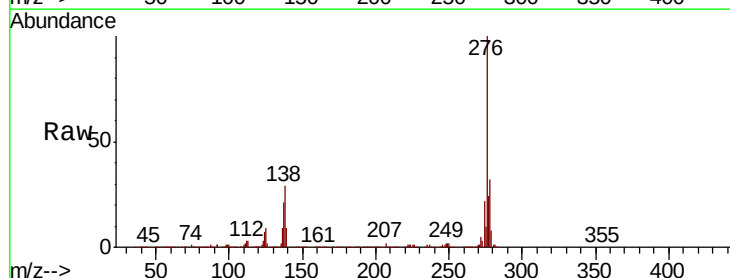
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

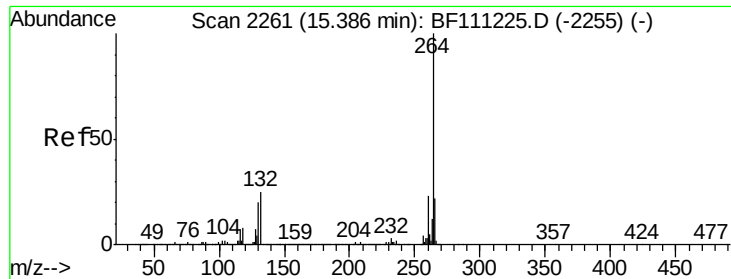
Tgt Ion:149 Resp: 3465607
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 13.4 10.9 16.3



#86
Indeno(1,2,3-cd)pyrene
Concen: 40.795 ng
RT: 16.82 min Scan# 2504
Delta R.T. 0.01 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Tgt Ion:276 Resp: 2398518
Ion Ratio Lower Upper
276 100
138 33.5 27.8 41.6
277 25.0 20.1 30.1



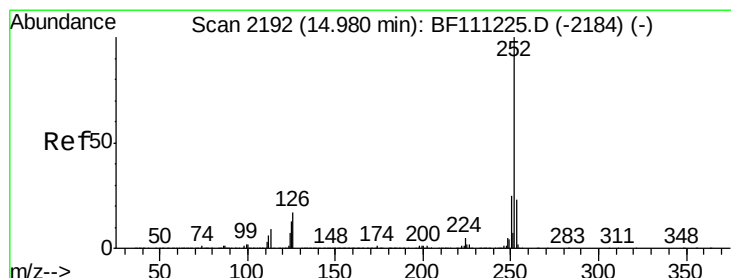
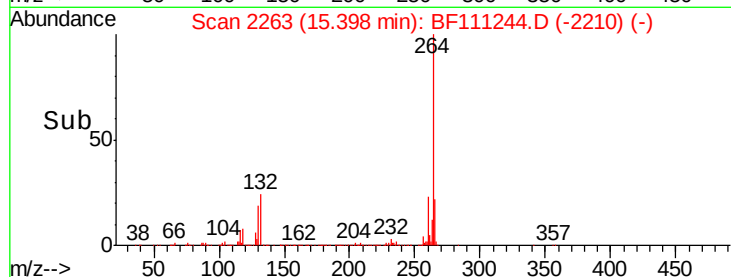
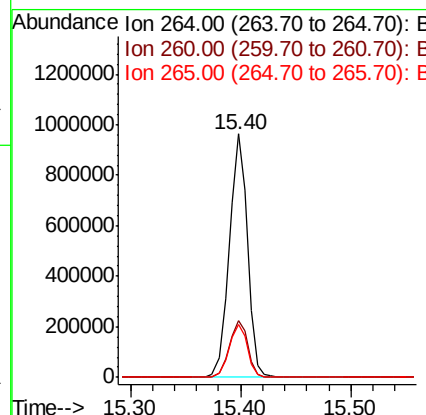
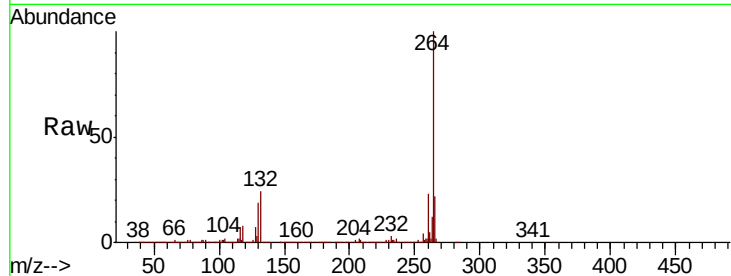


#87
Perylene-d12
Concen: 20.000 ng
RT: 15.40 min Scan# 2263
Delta R.T. 0.01 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:264 Resp: 1108715

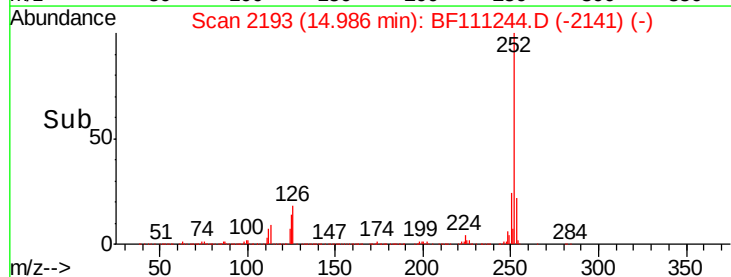
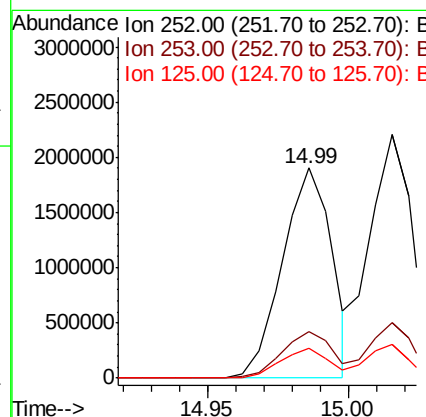
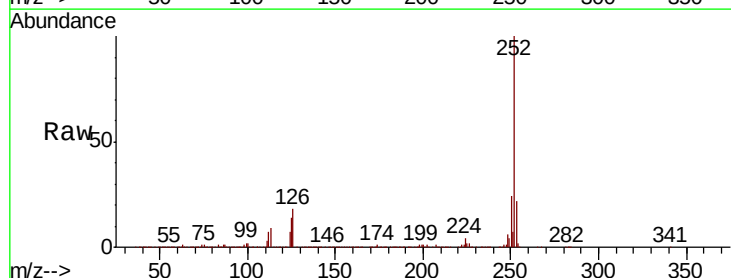
Ion	Ratio	Lower	Upper
264	100		
260	23.4	18.3	27.5
265	22.0	17.7	26.5

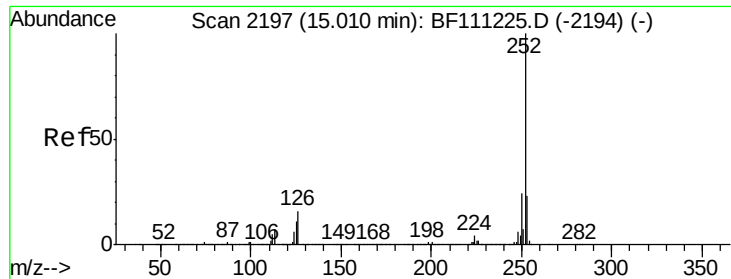


#88
Benzo(b)fluoranthene
Concen: 37.743 ng
RT: 14.99 min Scan# 2193
Delta R.T. 0.01 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Tgt Ion:252 Resp: 2314215

Ion	Ratio	Lower	Upper
252	100		
253	22.2	18.2	27.2
125	14.0	10.4	15.6

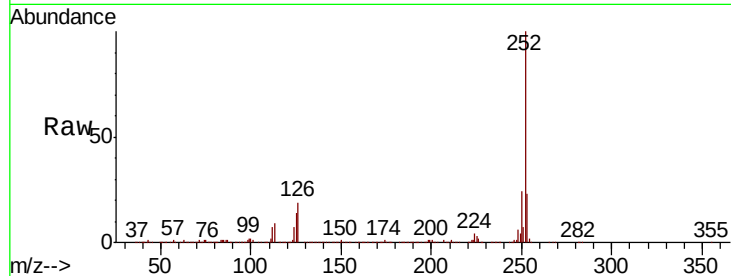




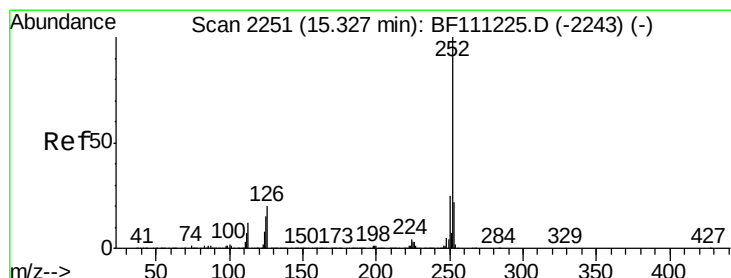
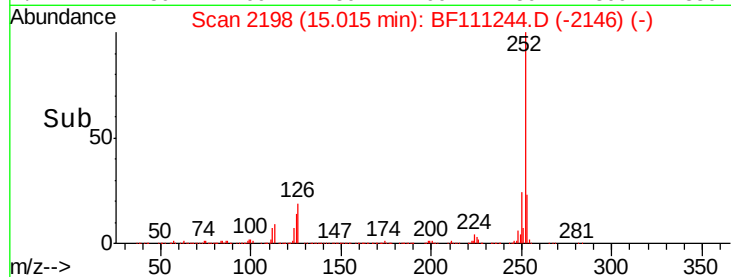
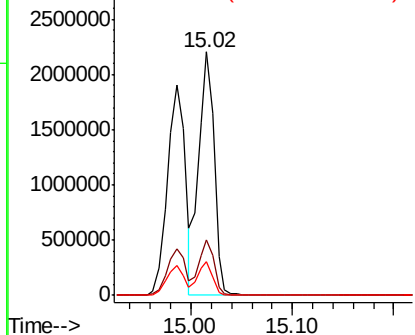
#89
Benzo(k)fluoranthene
Concen: 40.608 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tgt Ion:252 Resp: 2340940
Ion Ratio Lower Upper
252 100
253 22.8 18.1 27.1
125 13.7 9.8 14.8

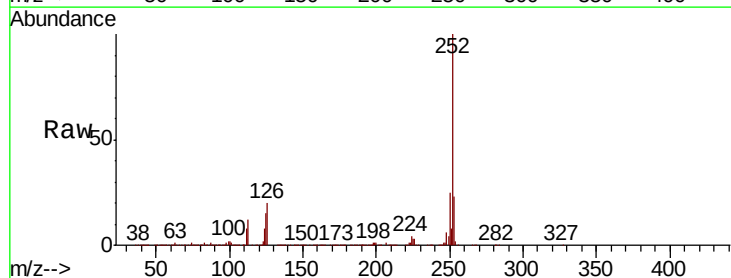


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

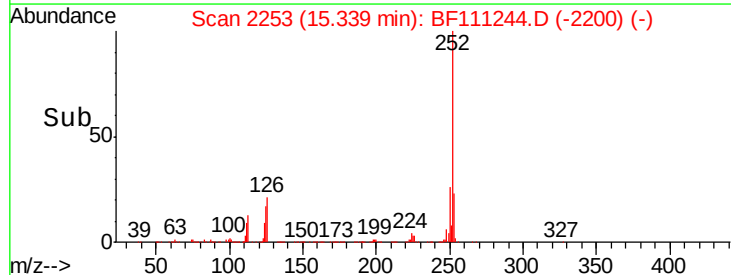
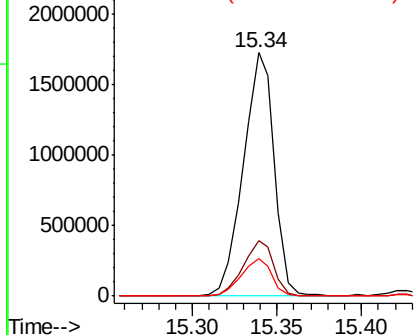


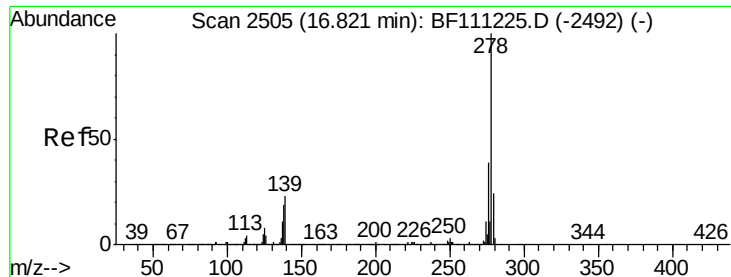
#90
Benzo(a)pyrene
Concen: 38.938 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111244.D
Acq: 10 Dec 2018 16:12

Tgt Ion:252 Resp: 2198580
Ion Ratio Lower Upper
252 100
253 22.5 17.8 26.8
125 15.3 12.3 18.5



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





#91

Dibenzo(a,h)anthracene

Concen: 44.855 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.01 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Instrument :

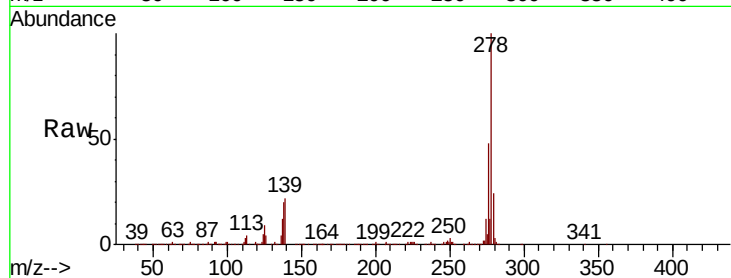
BNA_F

ClientSampleId :

SSTDCCC040

Tgt Ion: 278 Resp: 1989259

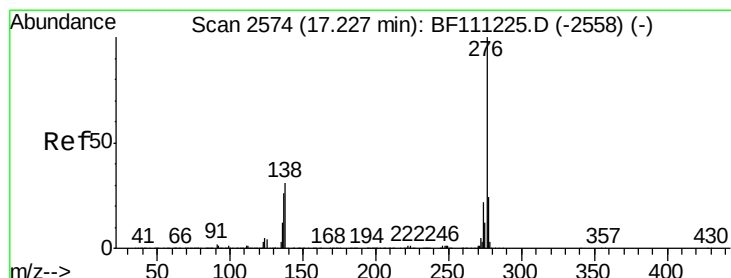
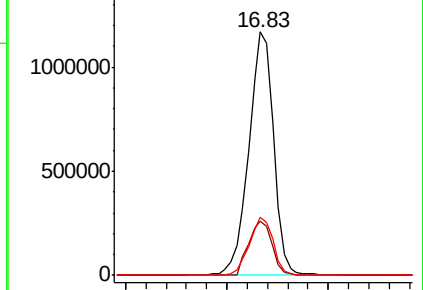
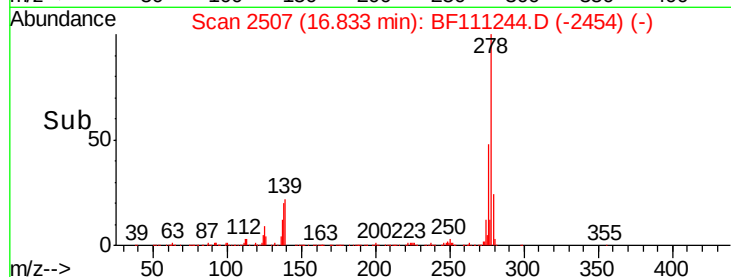
Ion	Ratio	Lower	Upper
278	100		
139	22.0	18.2	27.4
279	24.0	19.0	28.6



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 46.190 ng

RT: 17.24 min Scan# 2577

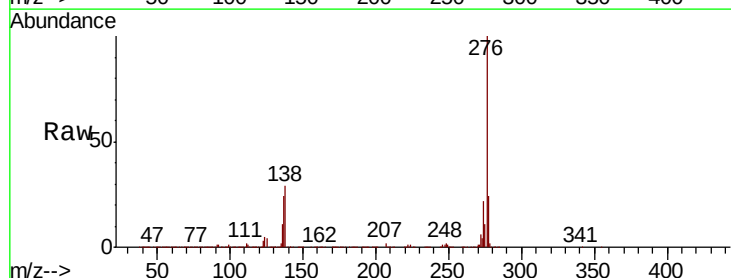
Delta R.T. 0.02 min

Lab File: BF111244.D

Acq: 10 Dec 2018 16:12

Tgt Ion: 276 Resp: 2050598

Ion	Ratio	Lower	Upper
276	100		
277	24.1	19.2	28.8
138	29.3	24.9	37.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

