

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
 Data File : BF111231.D
 Acq On : 10 Dec 2018 9:53
 Operator : JU/SJ
 Sample : SSTDCCC040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Quant Time: Dec 10 13:56:10 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	548115	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2497353	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	1043525	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1980745	20.00	ng	0.00
76) Chrysene-d12	13.96	240	1067068	20.00	ng	0.00
87) Perylene-d12	15.39	264	1032253	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	2825168	81.39	ng	0.00
7) Phenol-d6	6.43	99	3421607	79.32	ng	0.00
23) Nitrobenzene-d5	7.37	82	3364411	75.56	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	674766	73.00	ng	0.00
45) 2-Fluorobiphenyl	9.16	172	4812755	78.26	ng	0.00
79) Terphenyl-d14	12.91	244	3787965	85.15	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	783899	44.015	ng	98
3) Pyridine	3.26	79	2054638	43.425	ng	99
4) n-Nitrosodimethylamine	3.20	42	881904	43.716	ng	97
6) Aniline	6.47	93	2349537	40.850	ng	98
8) 2-Chlorophenol	6.59	128	1614684	40.924	ng	98
9) Benzaldehyde	6.35	77	1057793	42.694	ng	98
10) Phenol	6.45	94	1993764	39.528	ng	92
11) bis(2-Chloroethyl)ether	6.54	93	1587906	40.705	ng	96
12) 1,3-Dichlorobenzene	6.75	146	1689774	39.859	ng	99
13) 1,4-Dichlorobenzene	6.82	146	1651599	38.583	ng	98
14) 1,2-Dichlorobenzene	6.97	146	1554884	38.945	ng	99
15) Benzyl Alcohol	6.95	79	1377550	40.354	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.08	45	3008482	41.192	ng	99
17) 2-Methylphenol	7.06	107	1294207	40.177	ng	99
18) Hexachloroethane	7.32	117	716873	43.986	ng	94
19) n-Nitroso-di-n-propylamine	7.22	70	1182246	40.912	ng	97
20) 3+4-Methylphenols	7.21	107	1491733	38.934	ng	97
22) Acetophenone	7.22	105	1991790	34.857	ng	# 92
24) Nitrobenzene	7.39	77	1691328	36.497	ng	96
25) Isophorone	7.63	82	2913608	38.420	ng	100
26) 2-Nitrophenol	7.70	139	844158	36.664	ng	96
27) 2,4-Dimethylphenol	7.74	122	1291531	36.301	ng	98
28) bis(2-Chloroethoxy)methane	7.83	93	2009888	38.273	ng	100
29) 2,4-Dichlorophenol	7.94	162	1314951	36.146	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	1296012	36.167	ng	100
31) Naphthalene	8.11	128	4214549	38.668	ng	98
32) Benzoic acid	7.86	122	1113967	37.863	ng	99
33) 4-Chloroaniline	8.15	127	2024167	38.666	ng	98
34) Hexachlorobutadiene	8.23	225	771823	39.019	ng	99
35) Caprolactam	8.53	113	464092	36.001	ng	96
36) 4-Chloro-3-methylphenol	8.63	107	1372160	36.839	ng	99
37) 2-Methylnaphthalene	8.80	142	2660868	36.771	ng	97
38) 1-Methylnaphthalene	8.90	142	2685563	37.897	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1106625	38.112	ng	100

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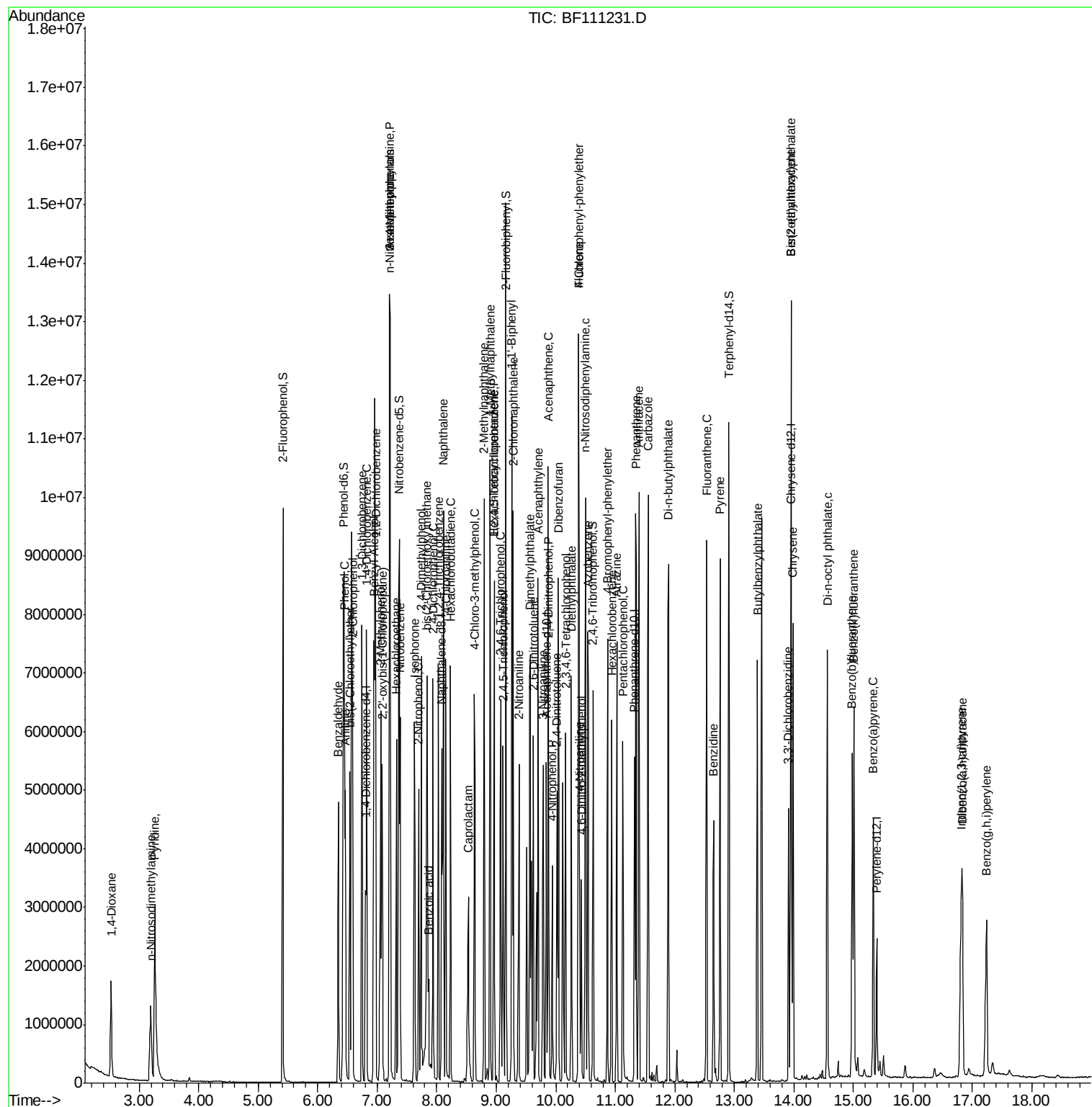
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	641403	38.788	nq	98
43) 2,4,6-Trichlorophenol	9.07	196	832255	38.184	nq	98
44) 2,4,5-Trichlorophenol	9.12	196	891912	39.283	nq	96
46) 1,1'-Biphenyl	9.26	154	3282872	38.332	nq	99
47) 2-Chloronaphthalene	9.29	162	2665875	39.043	nq	100
48) 2-Nitroaniline	9.38	65	931876	40.008	nq	91
49) Acenaphthylene	9.70	152	3692363	37.250	nq	99
50) Dimethylphthalate	9.57	163	3021863	39.247	nq	99
51) 2,6-Dinitrotoluene	9.62	165	705790	41.507	nq	92
52) Acenaphthene	9.87	154	2288054	36.783	nq	100
53) 3-Nitroaniline	9.79	138	899122	42.839	nq	100
54) 2,4-Dinitrophenol	9.89	184	239214	35.600	nq	# 71
55) Dibenzofuran	10.05	168	3223968	38.096	nq	97
56) 4-Nitrophenol	9.95	139	605210	37.024	nq	97
57) 2,4-Dinitrotoluene	10.02	165	825674	39.388	nq	95
58) Fluorene	10.39	166	2340071	35.733	nq	100
59) 2,3,4,6-Tetrachlorophenol	10.16	232	654357	38.022	nq	99
60) Diethylphthalate	10.26	149	2788998	37.994	nq	99
61) 4-Chlorophenyl-phenylether	10.38	204	1155382	35.534	nq	98
62) 4-Nitroaniline	10.40	138	784013	39.479	nq	99
63) Azobenzene	10.54	77	2863889	37.578	nq	97
65) 4,6-Dinitro-2-methylphenol	10.43	198	412653	35.455	nq	84
66) n-Nitrosodiphenylamine	10.50	169	2390684	35.457	nq	99
67) 4-Bromophenyl-phenylether	10.87	248	763655	35.200	nq	93
68) Hexachlorobenzene	10.94	284	741663	33.606	nq	94
69) Atrazine	11.03	200	785520	38.311	nq	98
70) Pentachlorophenol	11.13	266	620300	38.745	nq	94
71) Phenanthrene	11.35	178	3667550	36.710	nq	99
72) Anthracene	11.40	178	3713808	35.531	nq	99
73) Carbazole	11.55	167	3820393	34.955	nq	98
74) Di-n-butylphthalate	11.89	149	4352336	38.743	nq	100
75) Fluoranthene	12.53	202	3609596	39.551	nq	96
77) Benzidine	12.65	184	1609002	50.783	nq	100
78) Pyrene	12.76	202	3503018	45.939	nq	98
80) Butylbenzylphthalate	13.39	149	1537891	38.613	nq	95
81) Benzo(a)anthracene	13.94	228	2289633	38.461	nq	99
82) 3,3'-Dichlorobenzidine	13.91	252	924349	37.883	nq	98
83) Chrysene	13.99	228	2575883	41.972	nq	99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1888726	39.908	nq	100
85) Di-n-octyl phthalate	14.56	149	3360146	42.359	nq	99
86) Indeno(1,2,3-cd)pyrene	16.81	276	2200640	44.421	nq	98
88) Benzo(b)fluoranthene	14.98	252	2733351	47.881	nq	99
89) Benzo(k)fluoranthene	15.01	252	2339676	43.593	nq	97
90) Benzo(a)pyrene	15.33	252	2112545	40.186	nq	99
91) Dibenzo(a,h)anthracene	16.83	278	1856016	44.951	nq	98
92) Benzo(g,h,i)perylene	17.24	276	2044288	49.459	nq	99

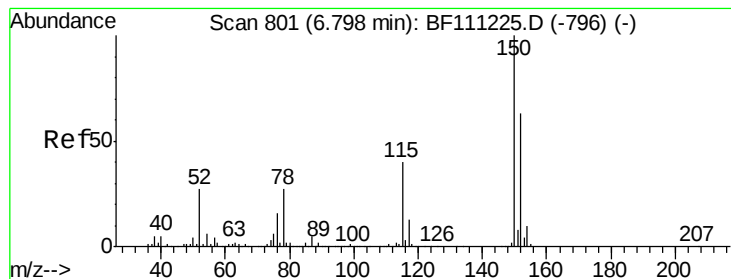
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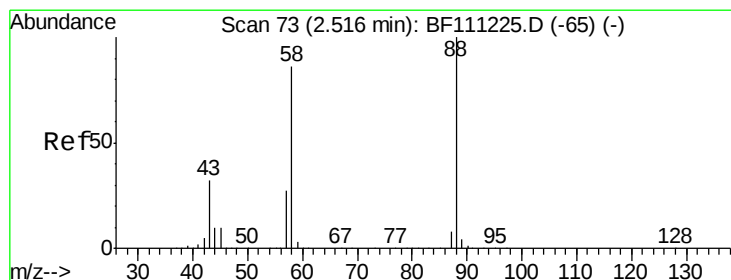
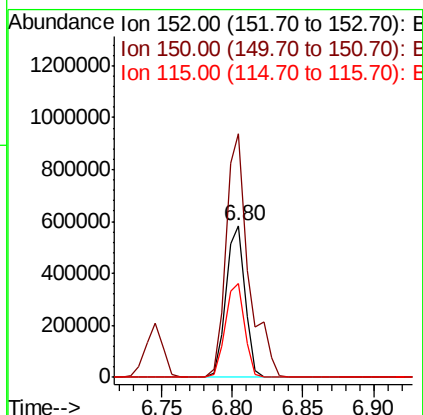
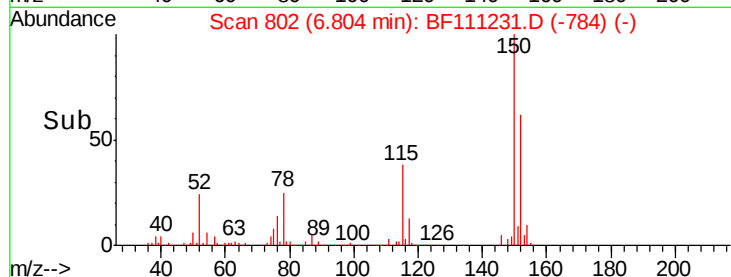
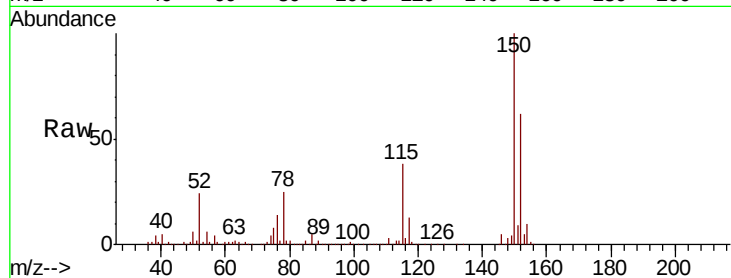


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

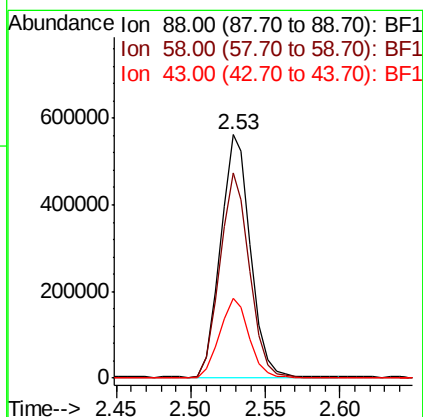
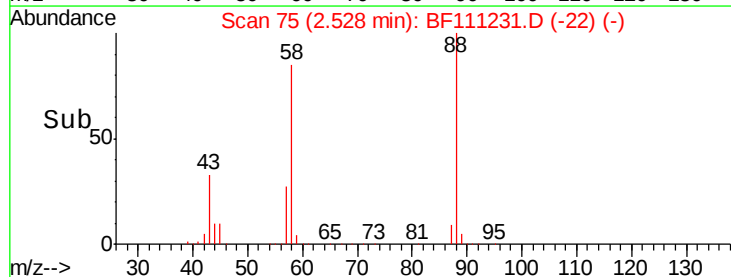
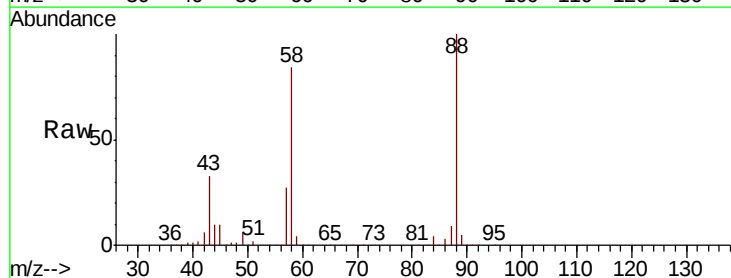
Tot Ion	Ratio	Lower	Upper
152	100		
150	160.1	126.6	189.8
115	61.4	50.7	76.1

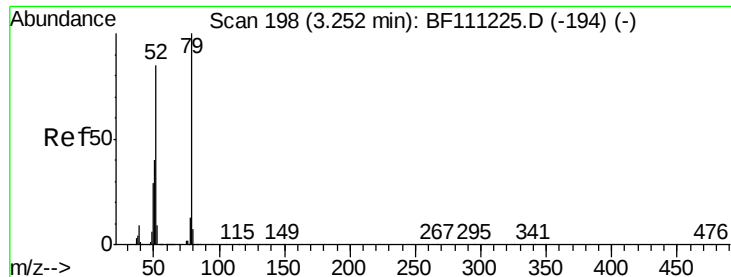


#2

1,4-Dioxane
Concen: 44.015 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.01 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.2	68.9	103.3
43	32.4	25.8	38.6

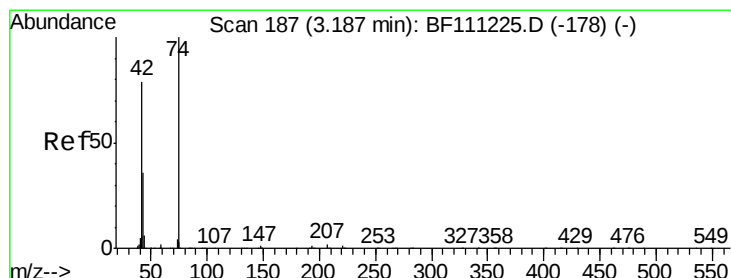
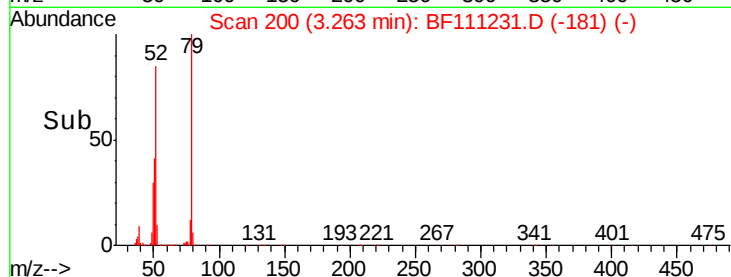
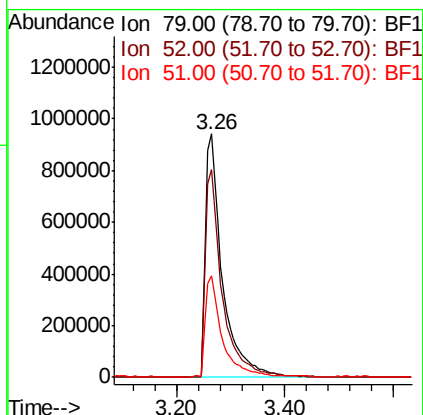
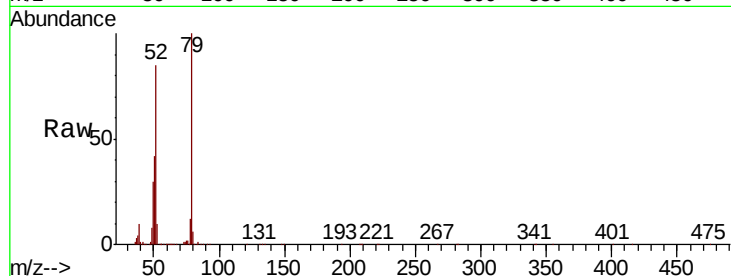




#3
 Pvridine
 Concen: 43.425 ng
 RT: 3.26 min Scan# 200
 Delta R.T. 0.01 min
 Lab File: BF111231.D
 Acq: 10 Dec 2018 9:53

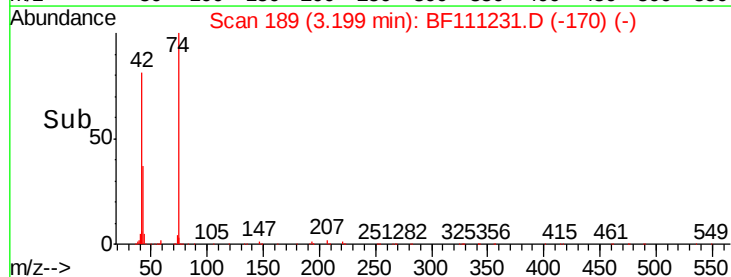
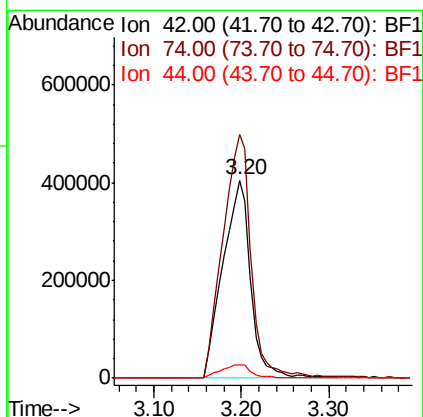
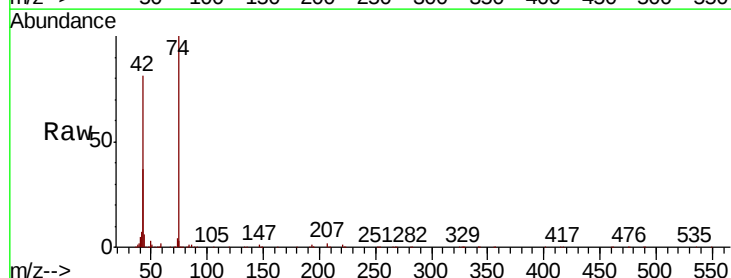
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

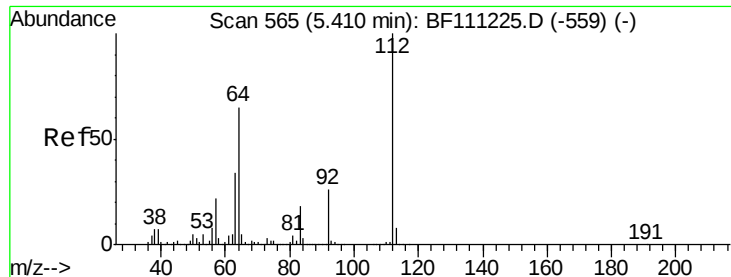
Tot Ion: 79 Resp: 2054638
 Ion Ratio Lower Upper
 79 100
 52 85.2 68.3 102.5
 51 41.5 32.6 49.0



#4
 n-Nitrosodimethylamine
 Concen: 43.716 ng
 RT: 3.20 min Scan# 189
 Delta R.T. 0.01 min
 Lab File: BF111231.D
 Acq: 10 Dec 2018 9:53

Tgt Ion: 42 Resp: 881904
 Ion Ratio Lower Upper
 42 100
 74 122.9 101.5 152.3
 44 7.0 6.0 9.0





#5

2-Fluorophenol

Concen: 81.391 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

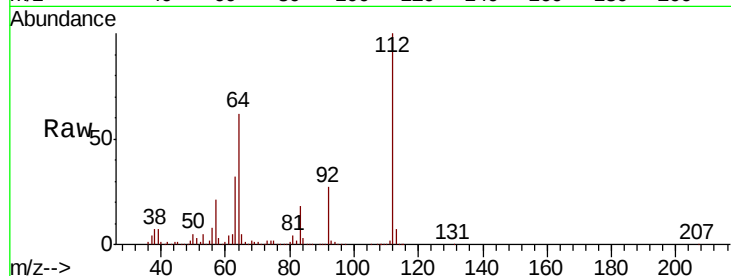
Tot Ion:112 Resp: 2825168

Ion Ratio Lower Upper

112 100

64 61.7 51.8 77.6

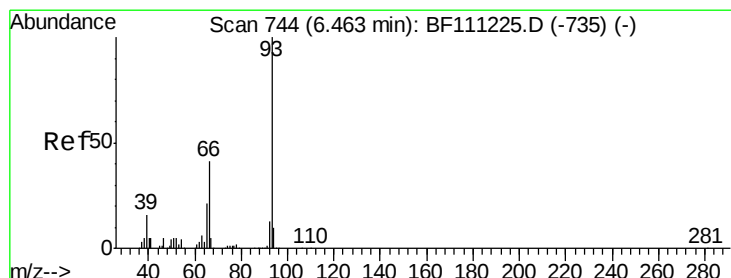
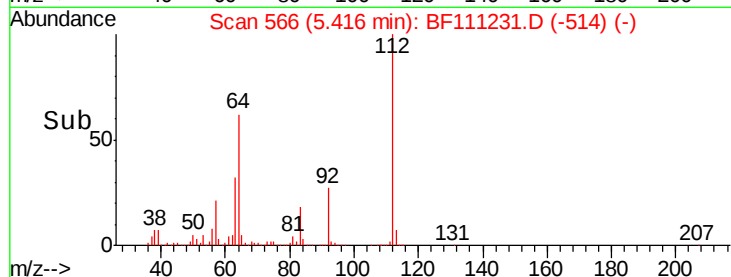
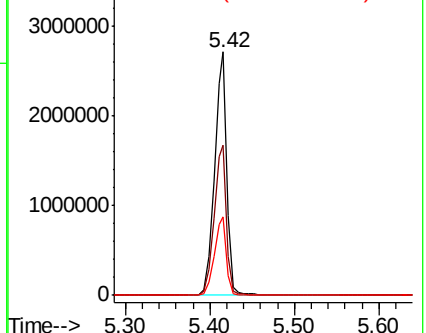
63 32.5 26.8 40.2



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: 40.850 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

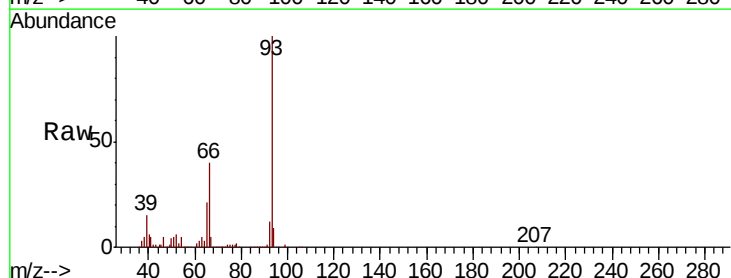
Tgt Ion: 93 Resp: 2349537

Ion Ratio Lower Upper

93 100

66 39.6 33.2 49.8

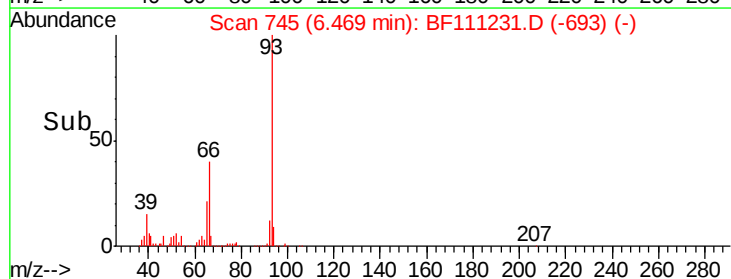
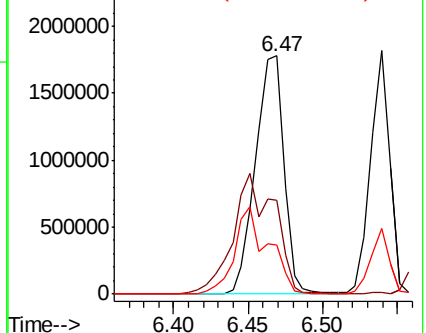
65 20.7 17.0 25.4

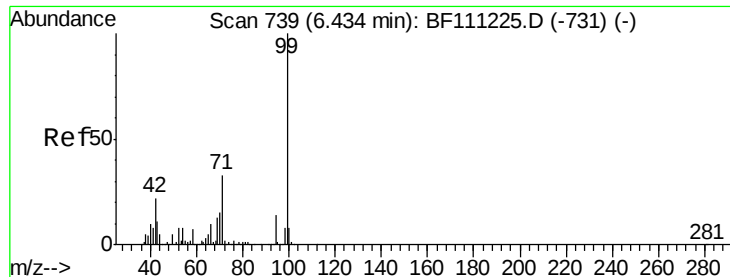


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 79.319 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

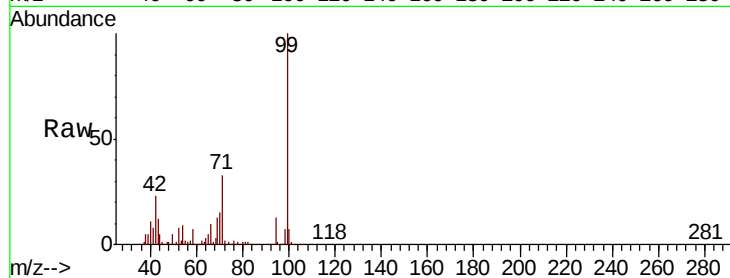
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 99 Resp: 3421607

Ion	Ratio	Lower	Upper
99	100		
42	22.5	17.4	26.0
71	33.1	26.1	39.1

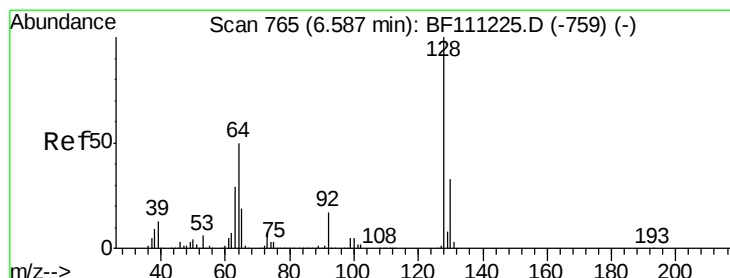
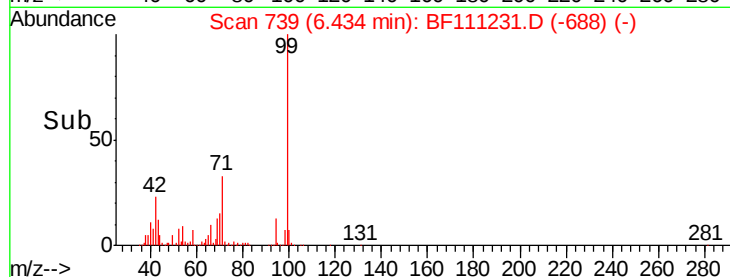
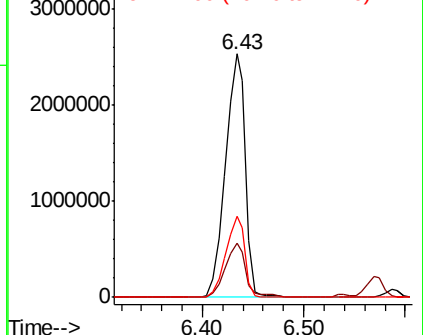


Abundance

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: 40.924 ng

RT: 6.59 min Scan# 765

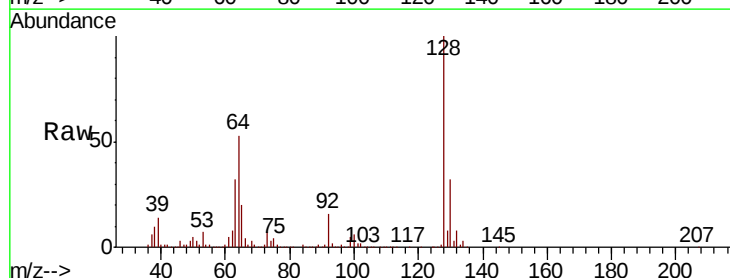
Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Tgt Ion: 128 Resp: 1614684

Ion	Ratio	Lower	Upper
128	100		
130	32.5	12.7	52.7
64	52.5	30.0	70.0

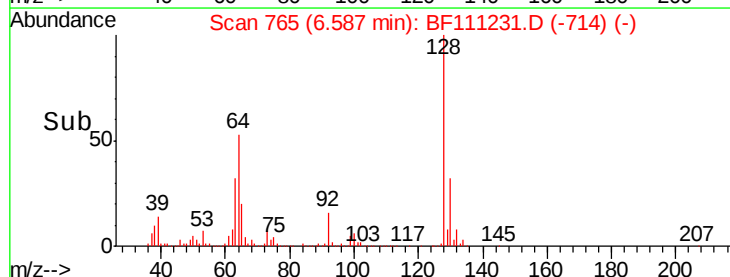
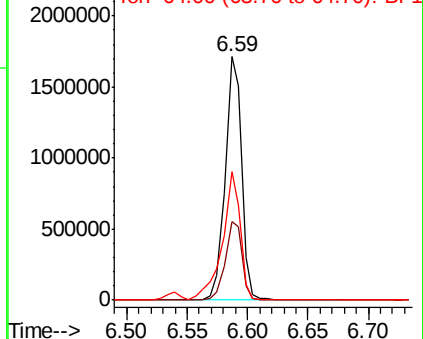


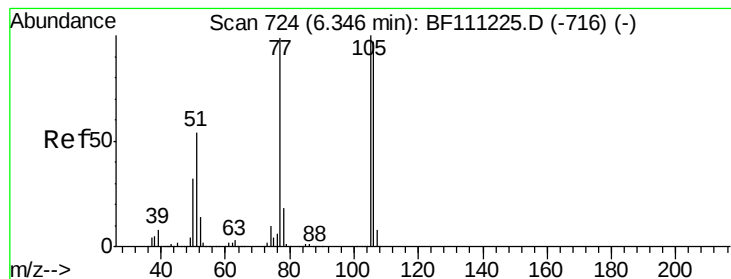
Abundance

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: 42.694 ng

RT: 6.35 min Scan# 724

Delta R.T. 0.00 min

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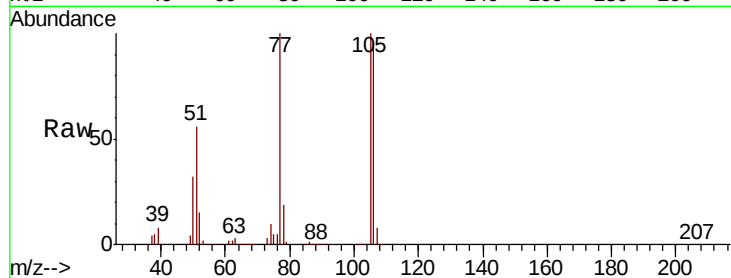
Tot Ion: 77 Resp: 1057793

Ion Ratio Lower Upper

77 100

105 100.4 81.4 121.4

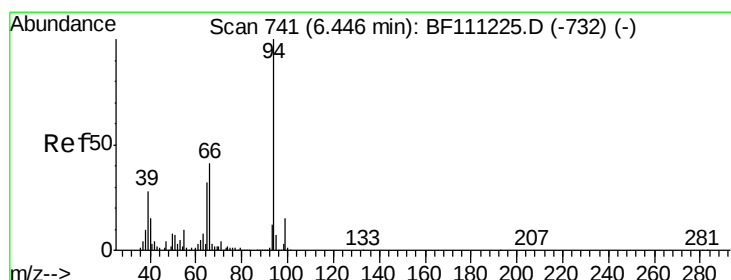
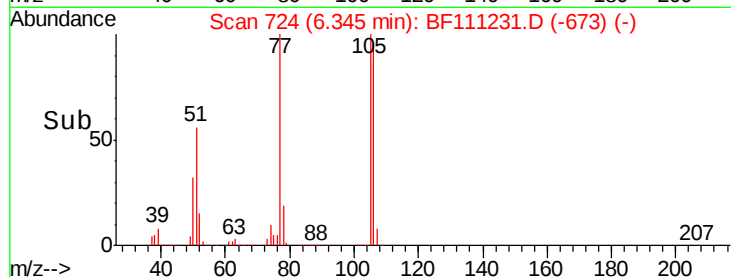
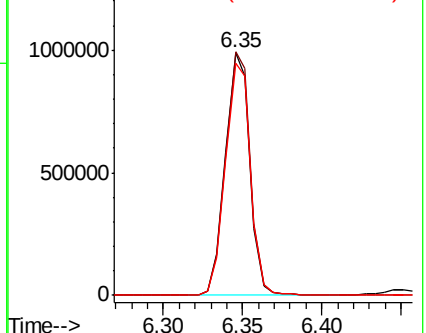
106 95.6 77.9 117.9



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: 39.528 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

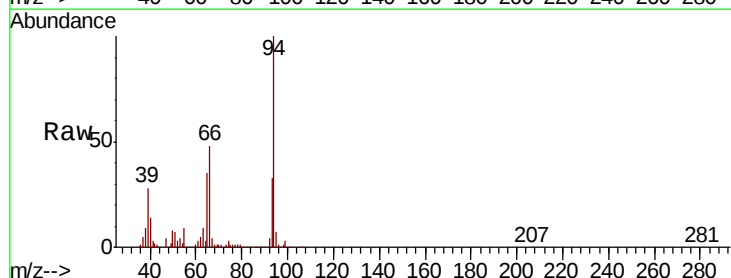
Tgt Ion: 94 Resp: 1993764

Ion Ratio Lower Upper

94 100

65 34.7 11.7 51.7

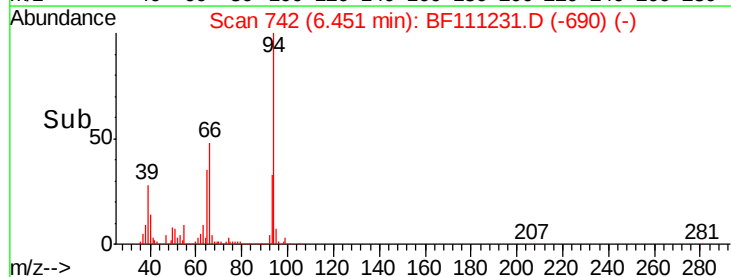
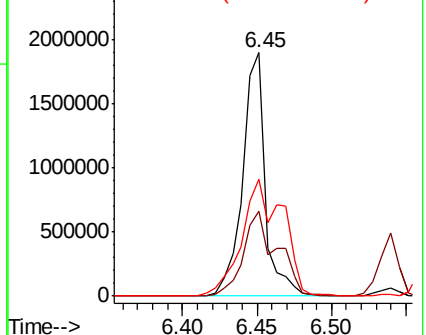
66 47.8 21.0 61.0

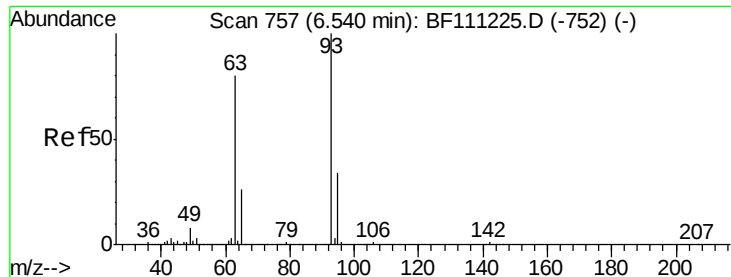


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 40.705 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

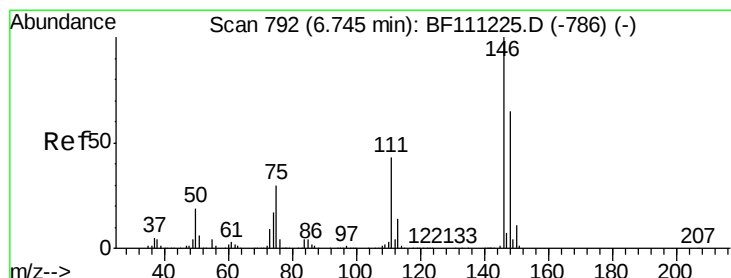
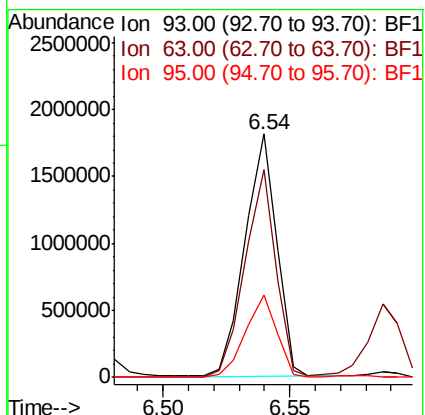
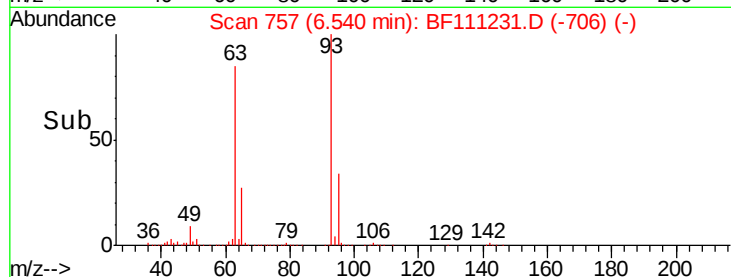
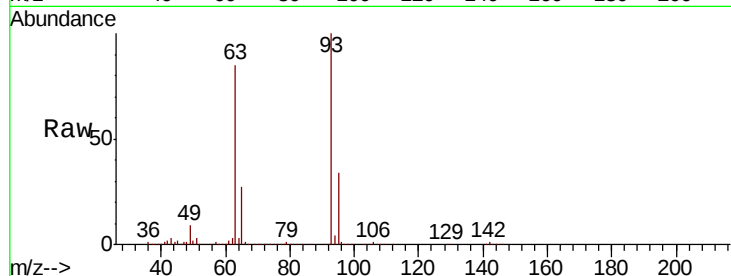
Tot Ion: 93 Resp: 1587906

Ion	Ratio	Lower	Upper
93	100		
63	85.4	60.0	100.0
95	33.7	13.4	53.4

93 100

63 85.4 60.0 100.0

95 33.7 13.4 53.4



#12

1,3-Dichlorobenzene

Concen: 39.859 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

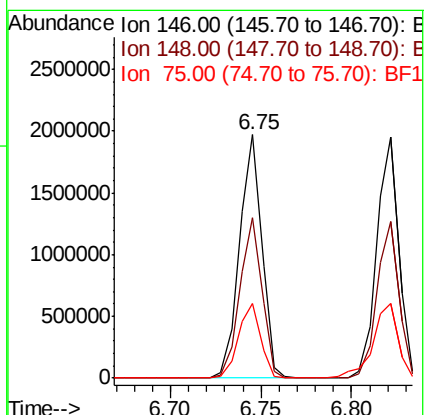
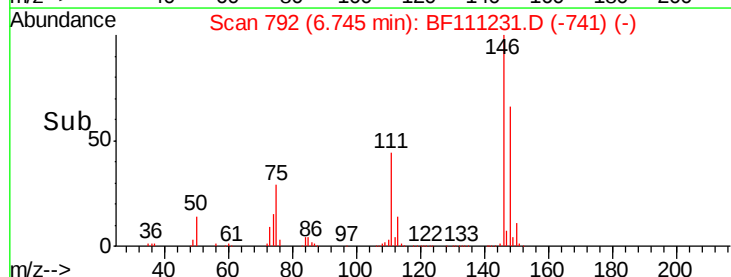
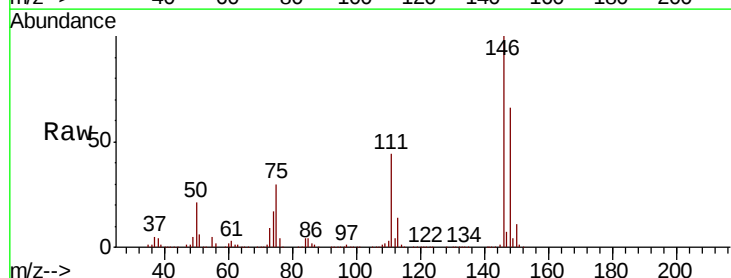
Tgt Ion: 146 Resp: 1689774

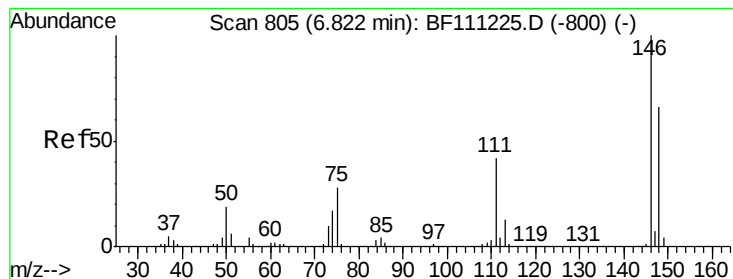
Ion	Ratio	Lower	Upper
146	100		
148	66.1	52.1	78.1
75	30.5	23.9	35.9

146 100

148 66.1 52.1 78.1

75 30.5 23.9 35.9





#13

1,4-Dichlorobenzene

Concen: 38.583 ng

RT: 6.82 min Scan# 805

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

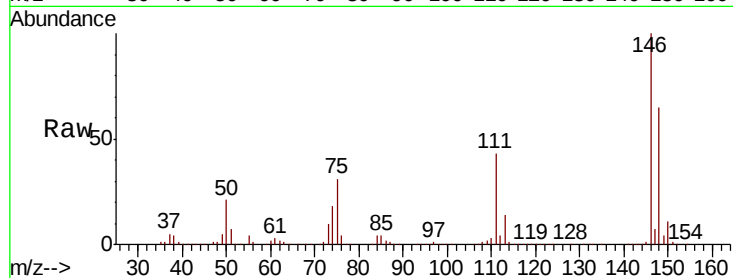
Tot Ion:146 Resp: 1651599

Ion Ratio Lower Upper

146 100

148 64.9 52.8 79.2

111 43.3 33.4 50.0

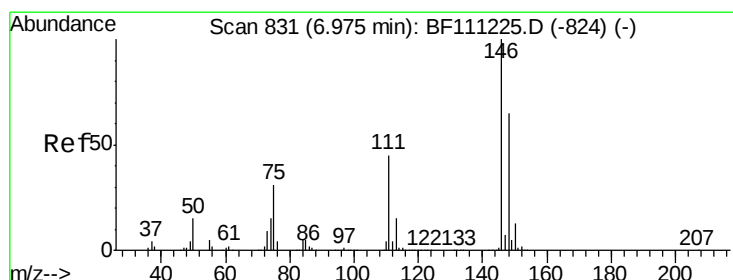
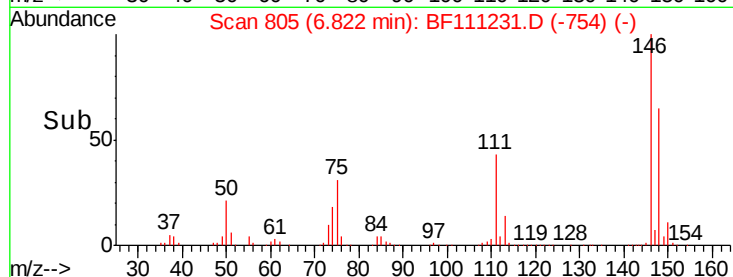
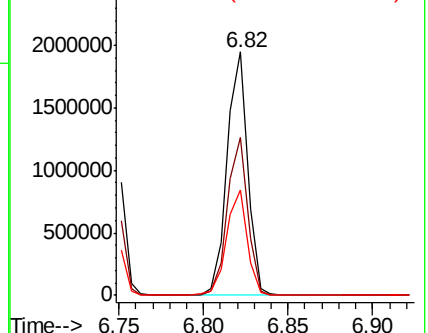


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.945 ng

RT: 6.97 min Scan# 831

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

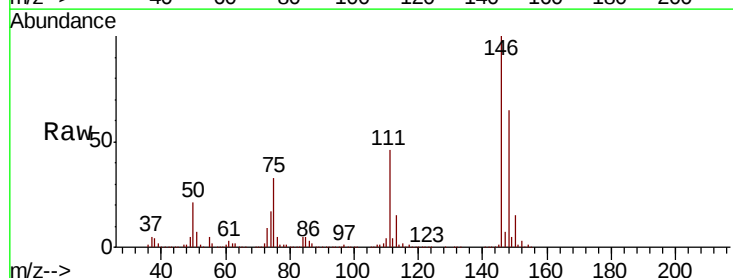
Tgt Ion:146 Resp: 1554884

Ion Ratio Lower Upper

146 100

148 64.7 51.9 77.9

111 46.2 36.2 54.4

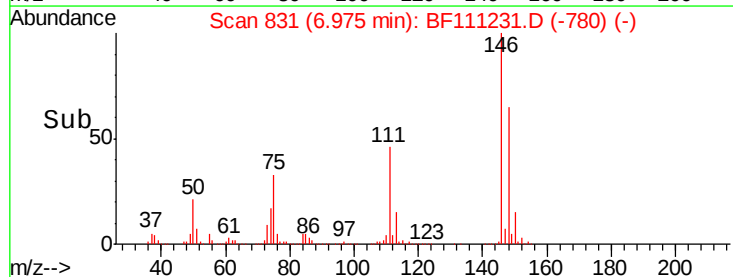
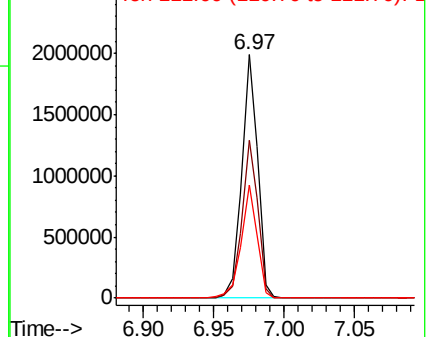


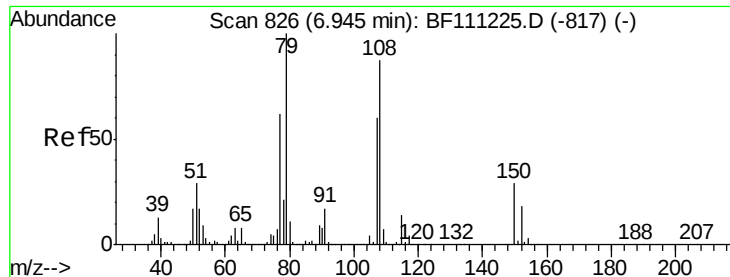
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 40.354 ng

RT: 6.95 min Scan# 826

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

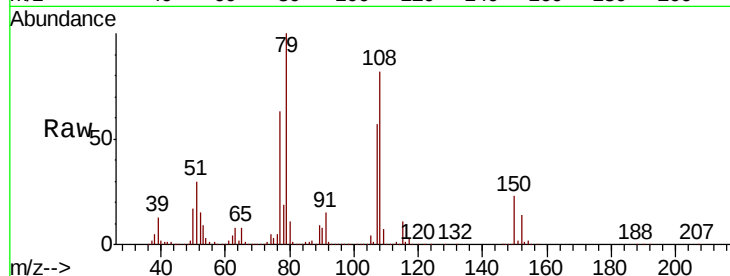
Tot Ion: 79 Resp: 1377550

Ion Ratio Lower Upper

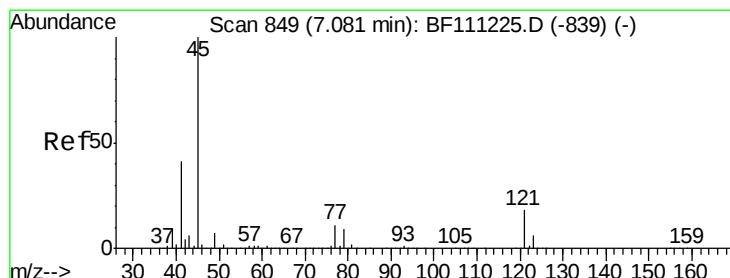
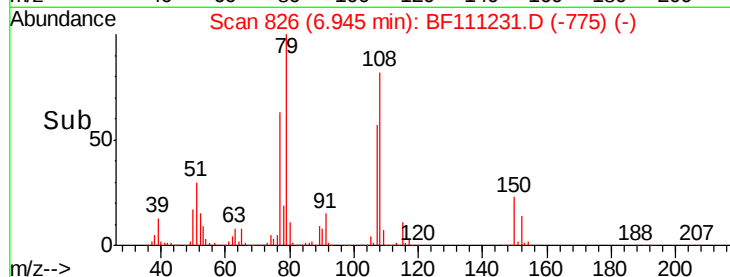
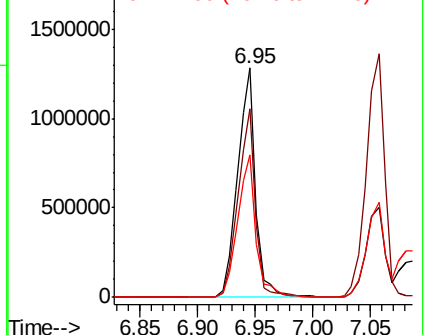
79 100

108 82.3 69.4 104.2

77 62.5 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: 41.192 ng

RT: 7.08 min Scan# 849

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

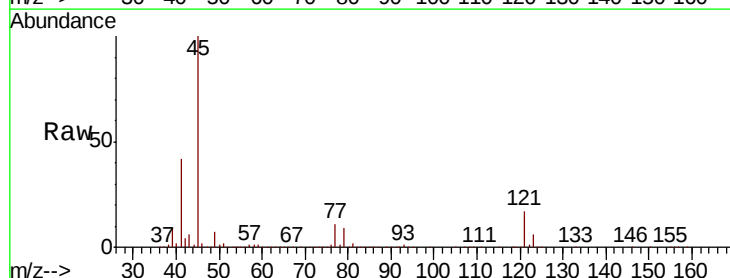
Tgt Ion: 45 Resp: 3008482

Ion Ratio Lower Upper

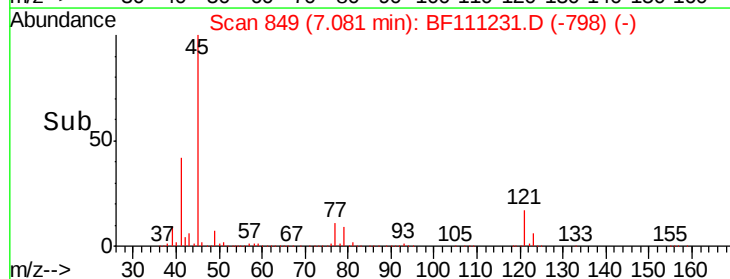
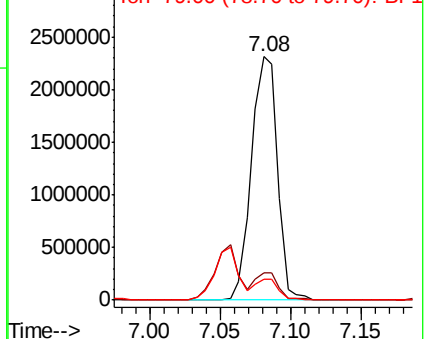
45 100

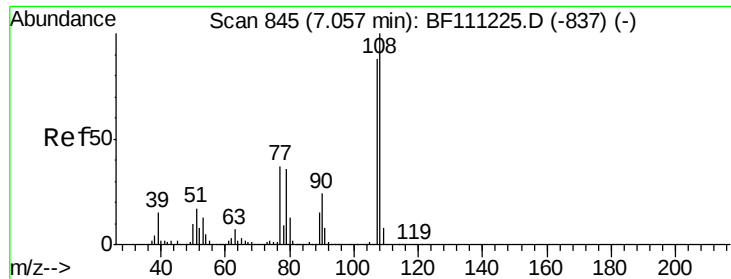
77 11.2 0.0 31.5

79 8.5 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

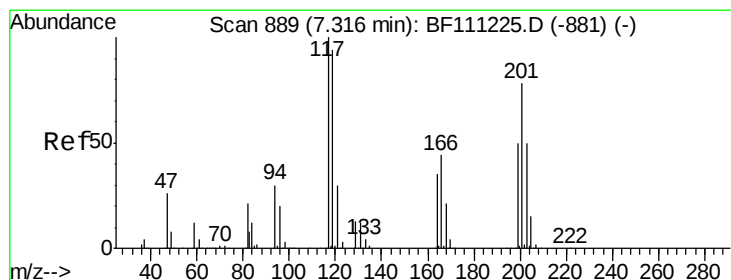
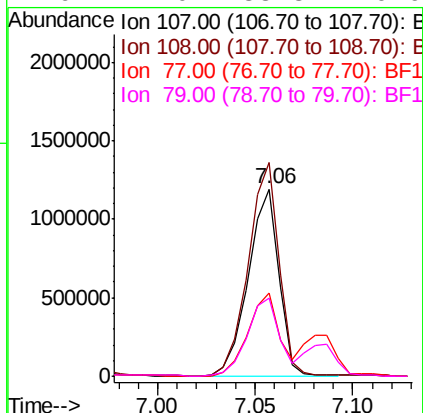
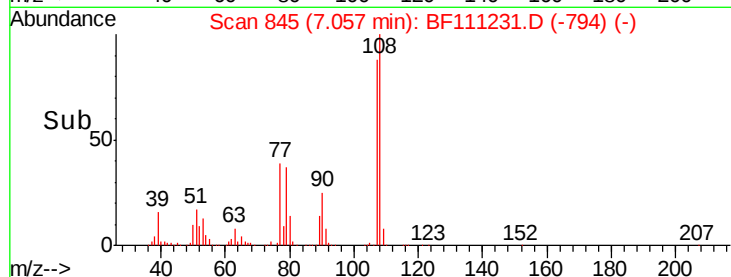
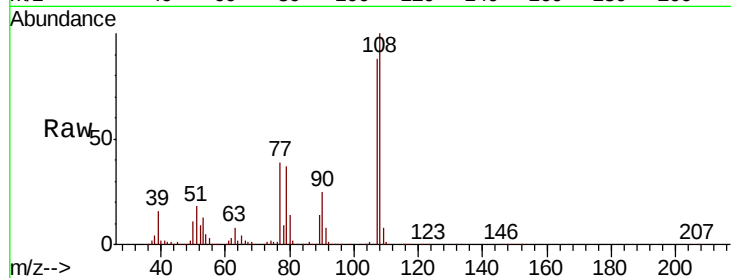




#17
2-Methylphenol
Concen: 40.177 ng
RT: 7.06 min Scan# 845
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

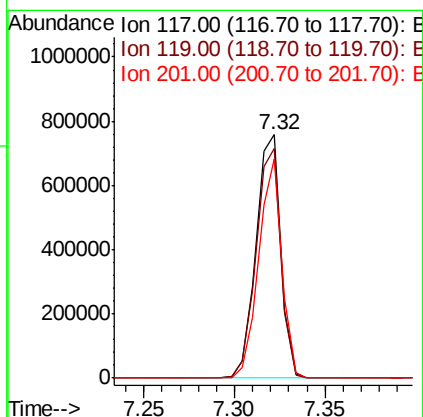
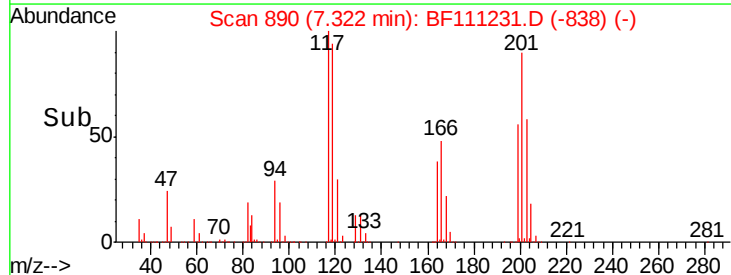
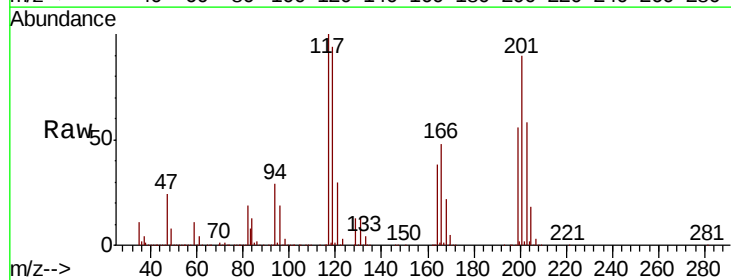
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

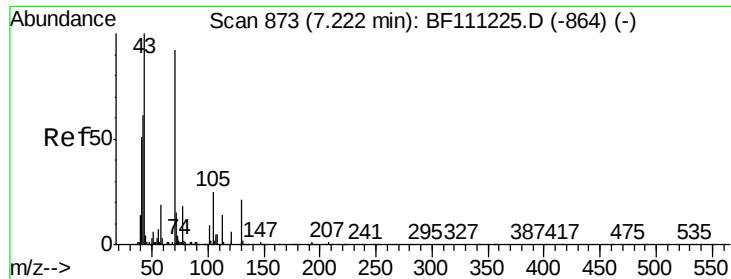
Tot Ion:107 Resp: 1294207
Ion Ratio Lower Upper
107 100
108 114.2 91.0 136.4
77 44.5 33.5 50.3
79 42.0 33.3 49.9



#18
Hexachloroethane
Concen: 43.986 ng
RT: 7.32 min Scan# 890
Delta R.T. 0.01 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt Ion:117 Resp: 716873
Ion Ratio Lower Upper
117 100
119 94.4 75.4 113.0
201 90.0 62.4 93.6

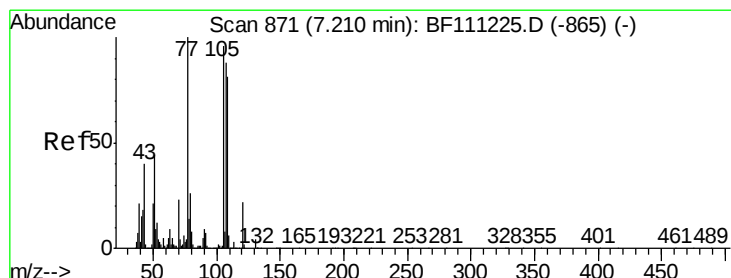
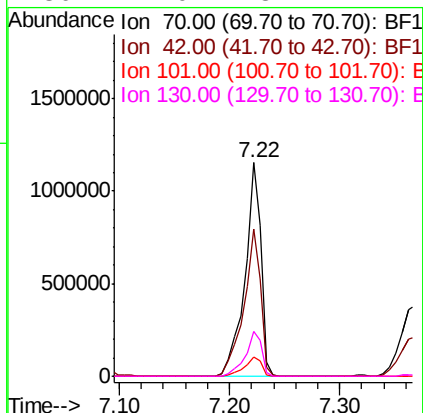
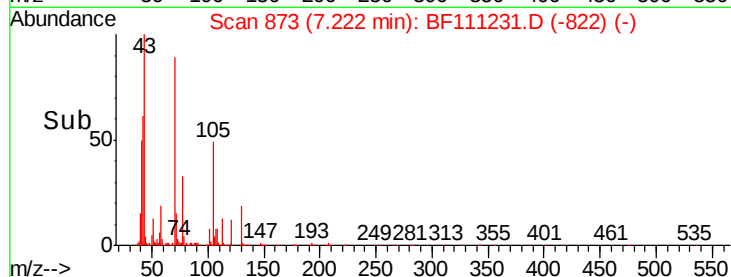
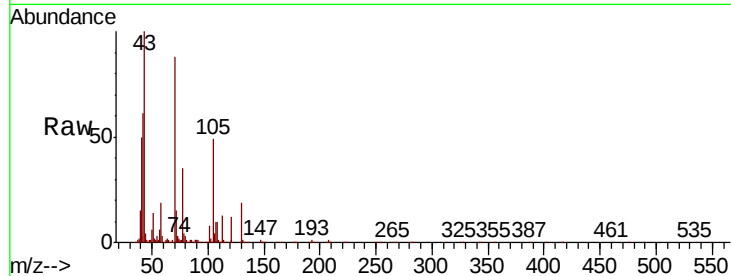




#19
n-Nitroso-di-n-propylamine
Concen: 40.912 ng
RT: 7.22 min Scan# 873
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

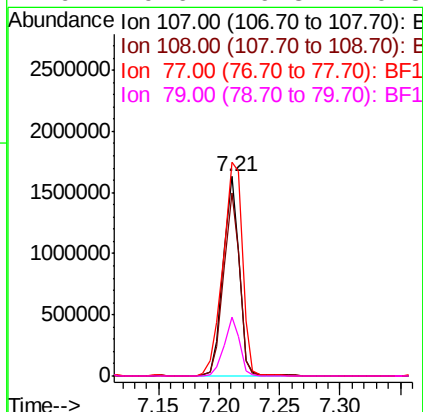
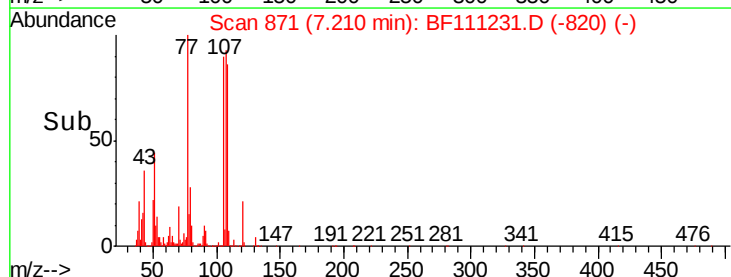
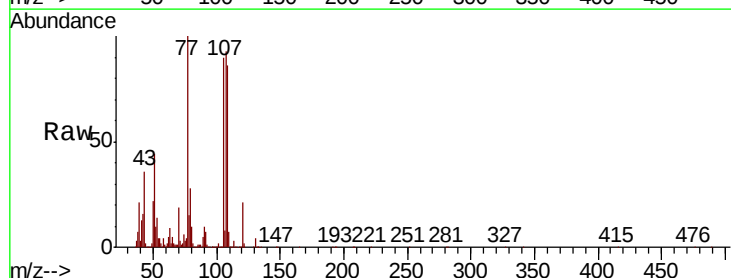
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

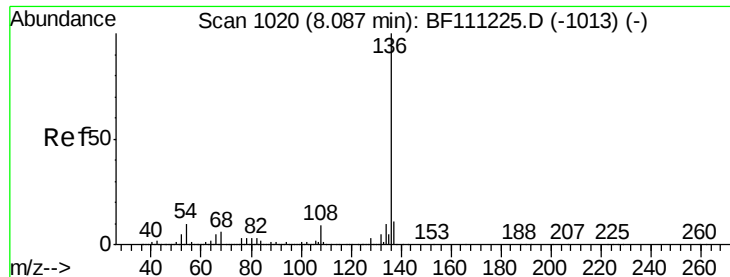
Tot Ion: 70 Resp: 1182246
Ion Ratio Lower Upper
70 100
42 68.7 53.2 79.8
101 9.2 8.2 12.4
130 21.0 18.1 27.1



#20
3+4-Methylphenols
Concen: 38.934 ng
RT: 7.21 min Scan# 871
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt Ion:107 Resp: 1491733
Ion Ratio Lower Upper
107 100
108 91.9 72.1 112.1
77 107.2 94.1 134.1
79 29.6 9.8 49.8

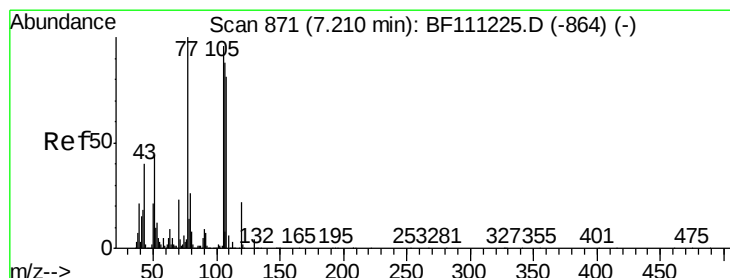
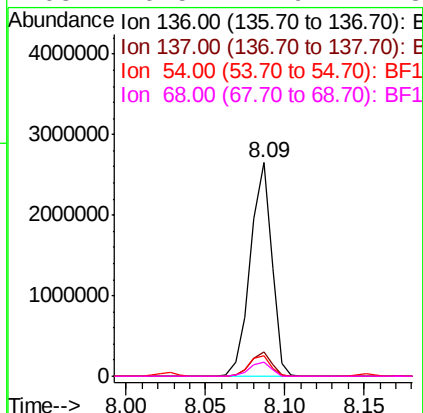
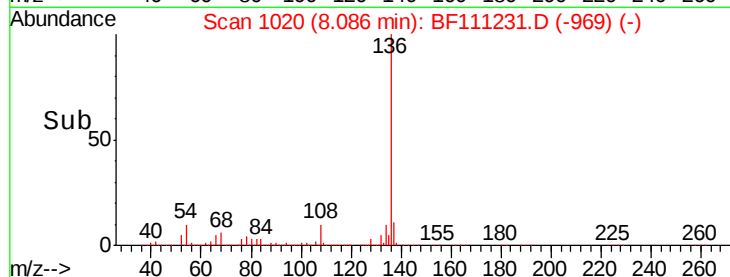
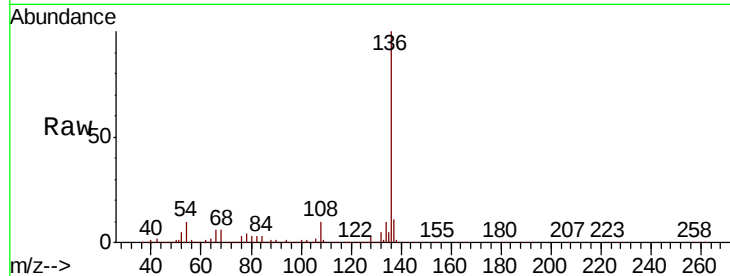




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

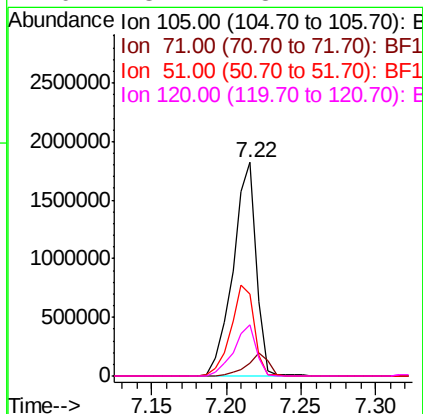
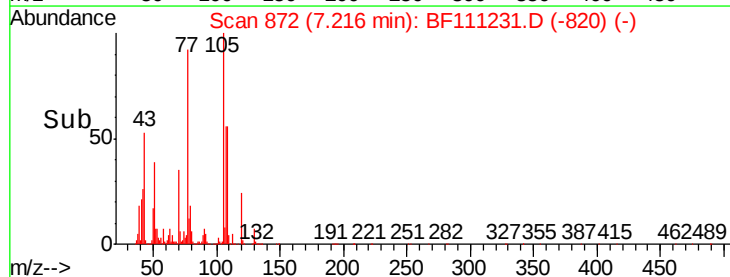
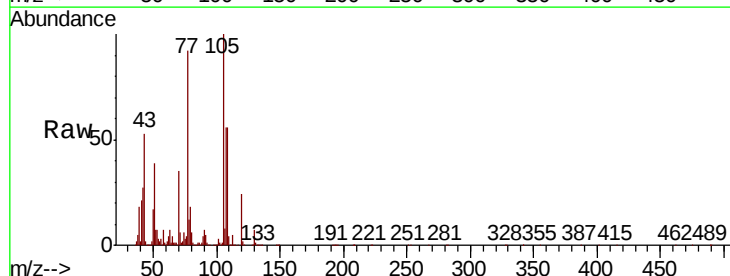
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

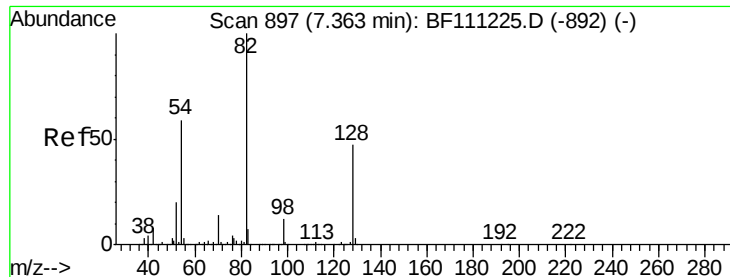
Tot Ion:136	Resp: 2497353
Ion Ratio	Lower Upper
136 100	
137 11.5	9.1 13.7
54 9.8	7.7 11.5
68 6.5	4.9 7.3



#22
Acetophenone
Concen: 34.857 ng
RT: 7.22 min Scan# 872
Delta R.T. 0.01 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt	Ion:105	Resp:	1991790
Ion	Ratio	Lower	Upper
105	100		
71	5.9	3.1	4.7#
51	38.6	36.6	54.8
120	23.7	18.2	27.4





#23

Nitrobenzene-d5

Concen: 75.562 ng

RT: 7.37 min Scan# 898

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

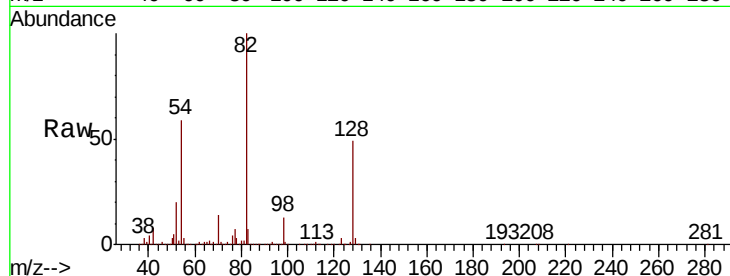
Tot Ion: 82 Resp: 3364411

Ion Ratio Lower Upper

82 100

128 49.4 37.4 56.2

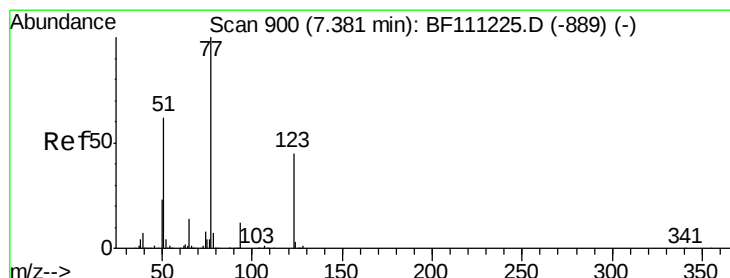
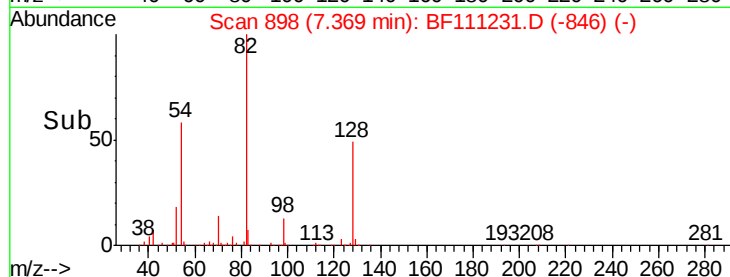
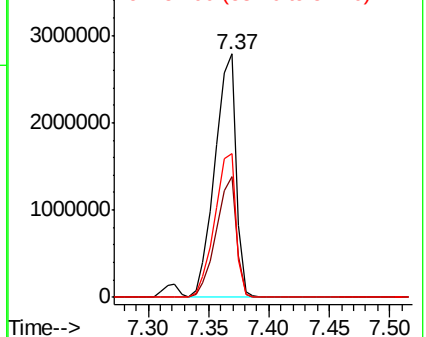
54 59.0 47.6 71.4



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: 36.497 ng

RT: 7.39 min Scan# 901

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

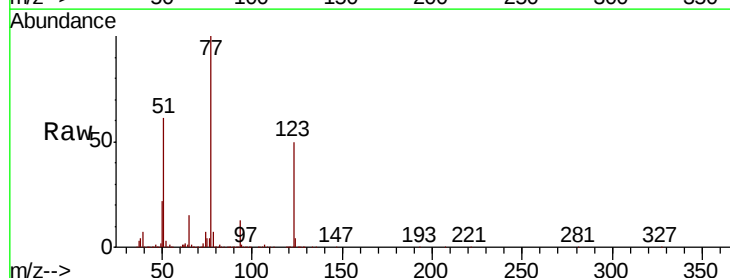
Tgt Ion: 77 Resp: 1691328

Ion Ratio Lower Upper

77 100

123 50.0 37.2 55.8

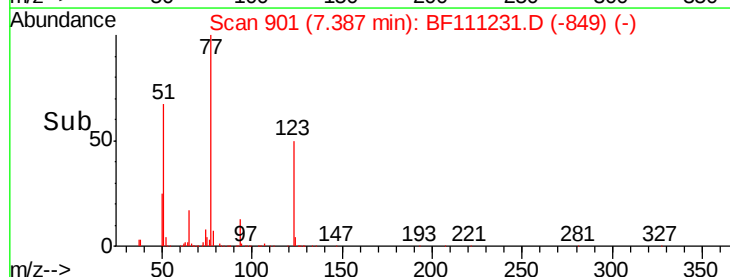
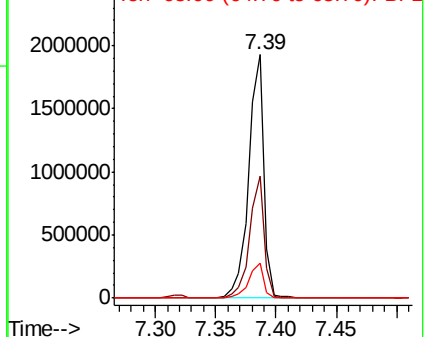
65 14.6 11.5 17.3

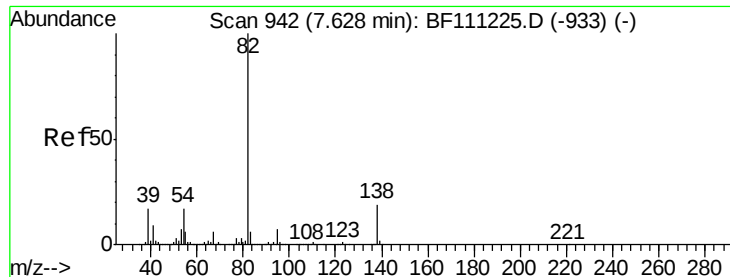


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#25

Isophorone

Concen: 38.420 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

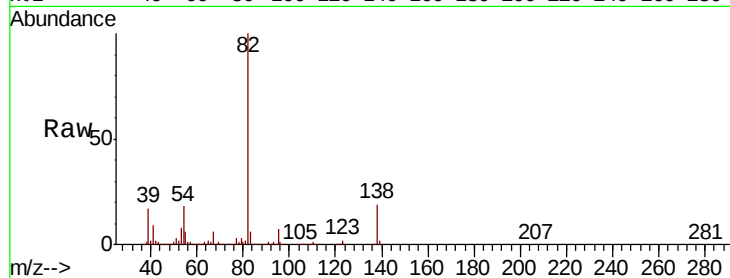
Tot Ion: 82 Resp: 2913608

Ion Ratio Lower Upper

82 100

95 6.9 5.4 8.2

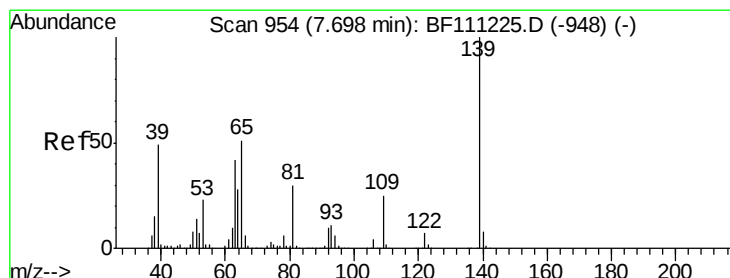
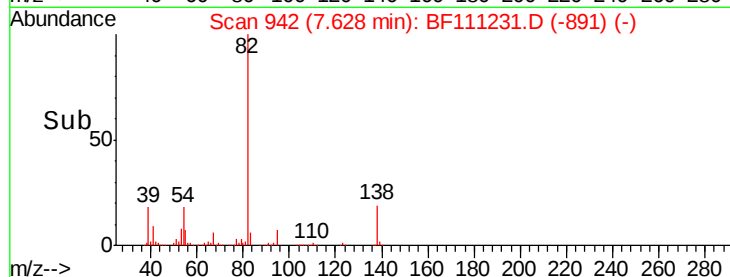
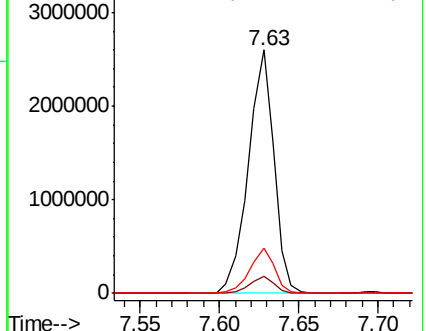
138 18.6 15.1 22.7



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 36.664 ng

RT: 7.70 min Scan# 954

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

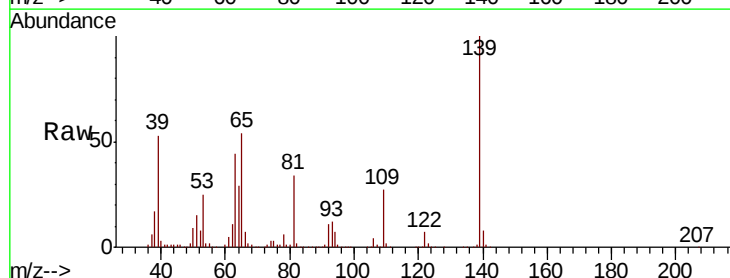
Tgt Ion: 139 Resp: 844158

Ion Ratio Lower Upper

139 100

109 26.8 20.2 30.4

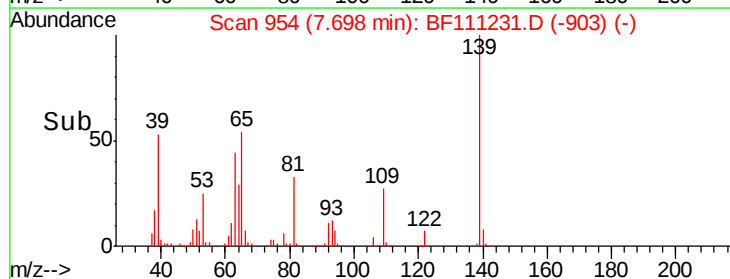
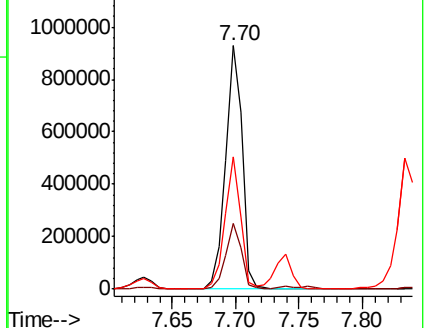
65 54.3 40.7 61.1

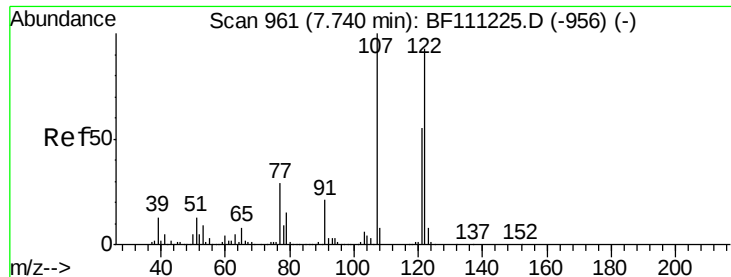


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

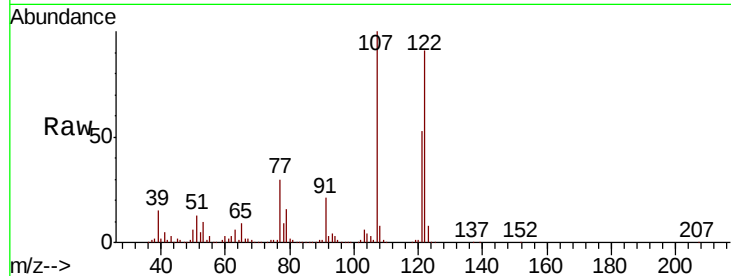




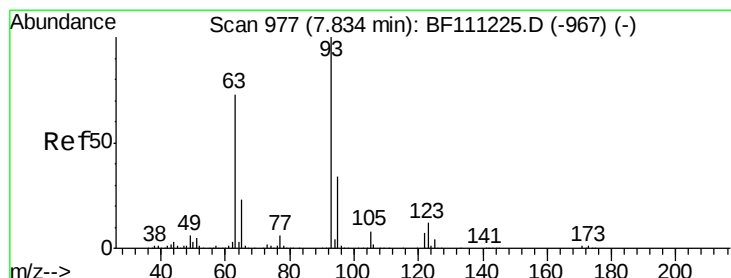
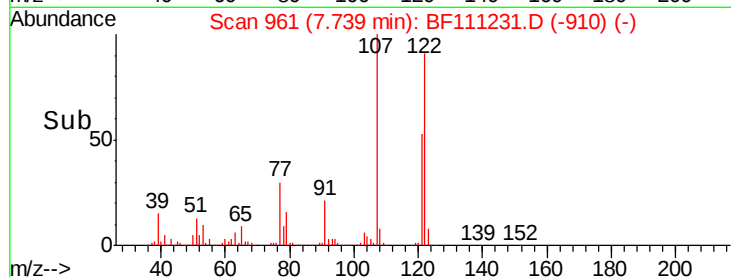
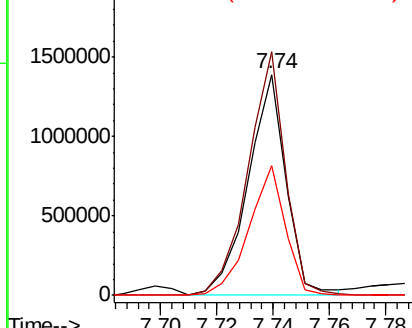
#27
 2,4-Dimethylphenol
 Concen: 36.301 ng
 RT: 7.74 min Scan# 961
 Delta R.T. -0.00 min
 Lab File: BF111231.D
 Acq: 10 Dec 2018 9:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:122 Resp: 1291531
 Ion Ratio Lower Upper
 122 100
 107 110.2 85.5 128.3
 121 58.6 46.6 70.0

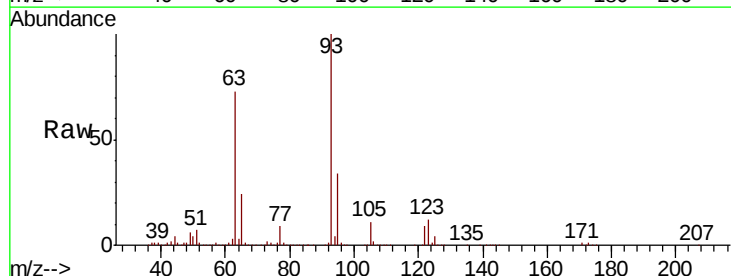


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

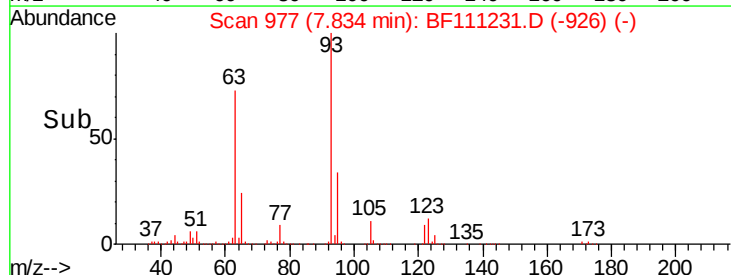
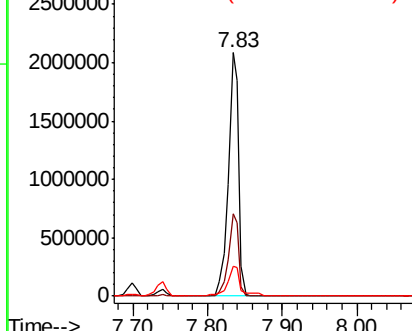


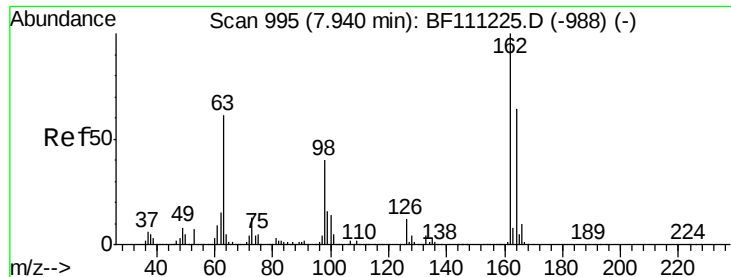
#28
 bis(2-Chloroethoxy)methane
 Concen: 38.273 ng
 RT: 7.83 min Scan# 977
 Delta R.T. -0.00 min
 Lab File: BF111231.D
 Acq: 10 Dec 2018 9:53

Tgt Ion: 93 Resp: 2009888
 Ion Ratio Lower Upper
 93 100
 95 34.0 27.1 40.7
 123 12.4 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

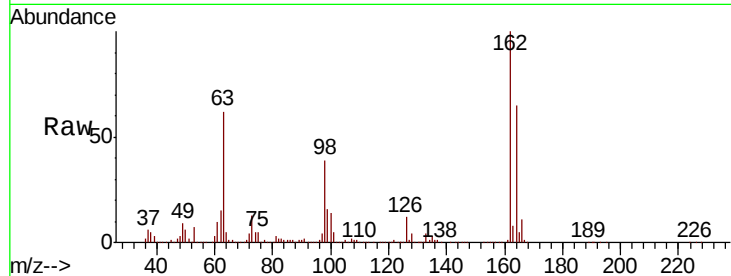




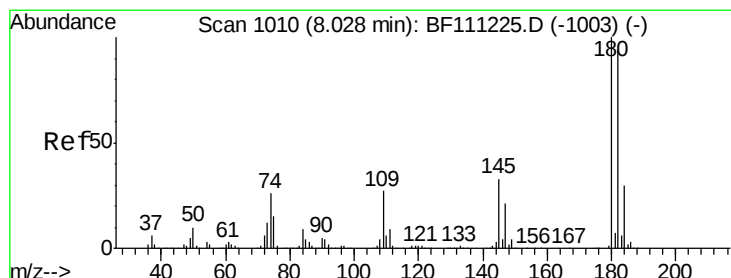
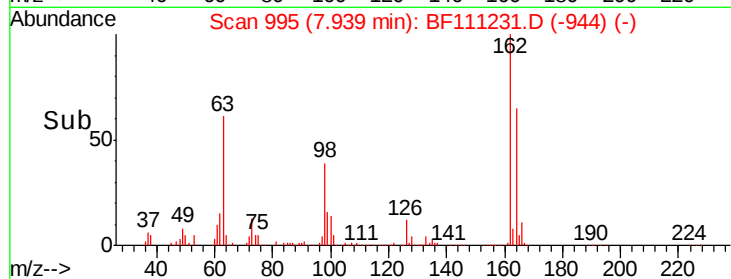
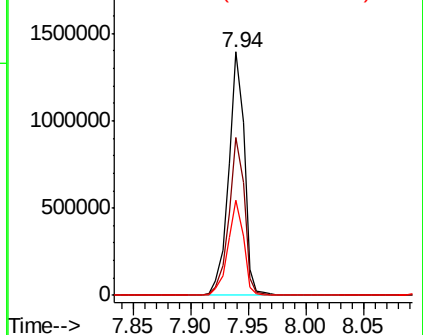
#29
2,4-Dichlorophenol
Concen: 36.146 ng
RT: 7.94 min Scan# 995
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:162 Resp: 1314951
Ion Ratio Lower Upper
162 100
164 64.8 44.4 84.4
98 39.0 20.3 60.3

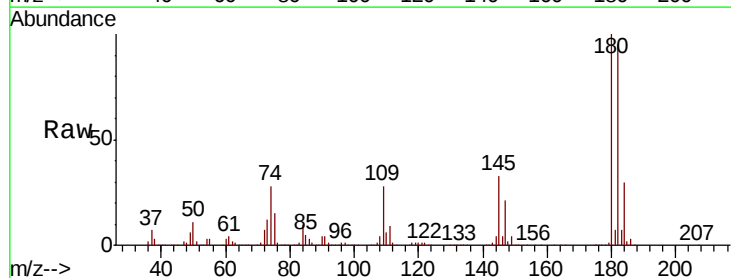


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

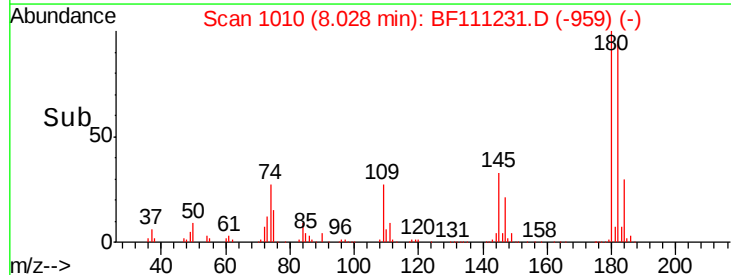
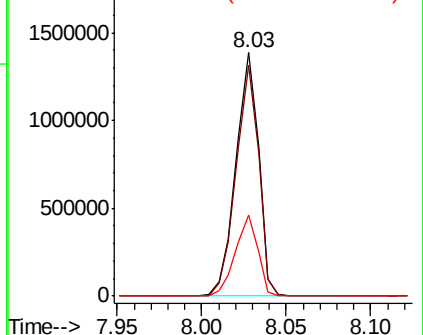


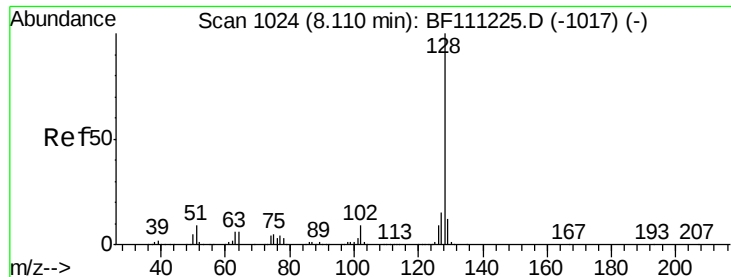
#30
1,2,4-Trichlorobenzene
Concen: 36.167 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt Ion:180 Resp: 1296012
Ion Ratio Lower Upper
180 100
182 94.6 75.6 113.4
145 33.1 26.7 40.1



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

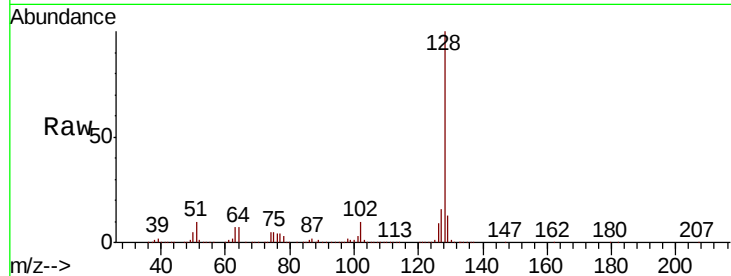




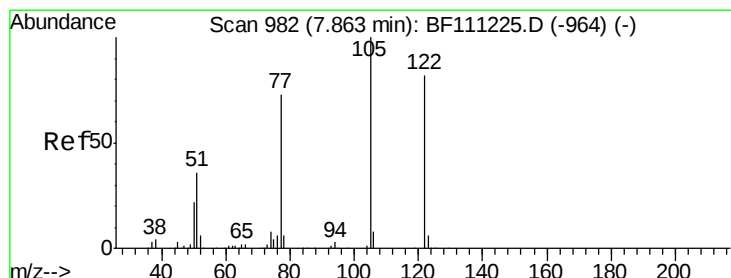
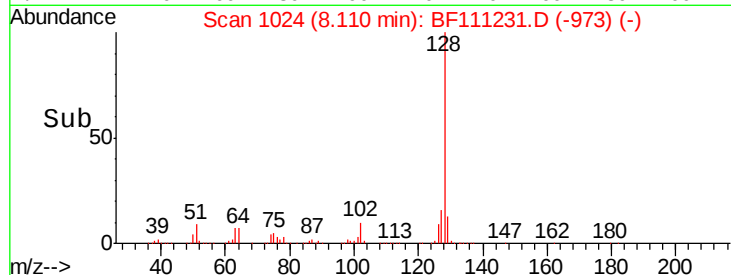
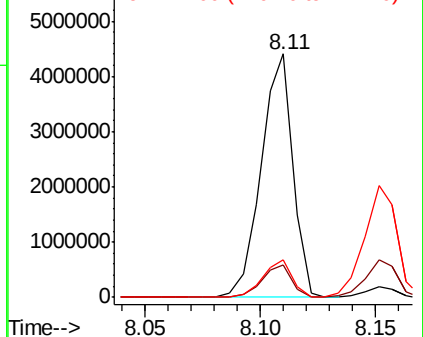
#31
Naphthalene
Concen: 38.668 ng
RT: 8.11 min Scan# 1024
Delta R.T. 0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:128 Resp: 4214549
Ion Ratio Lower Upper
128 100
129 13.2 9.8 14.8
127 15.6 12.0 18.0

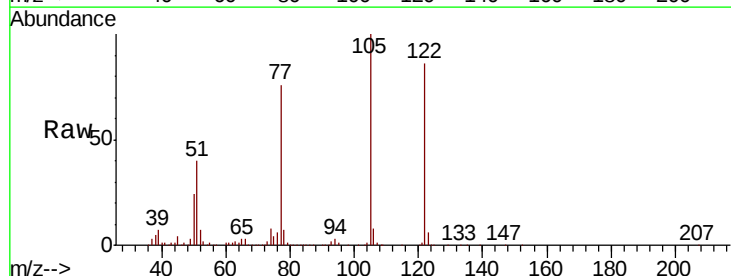


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

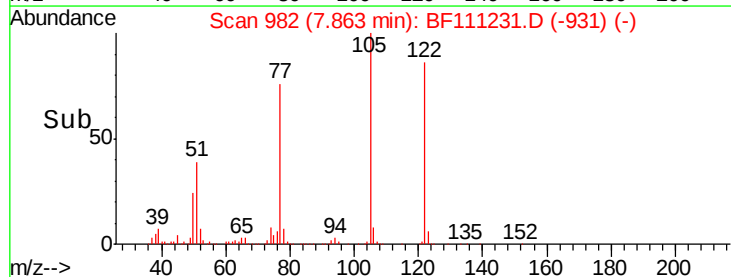
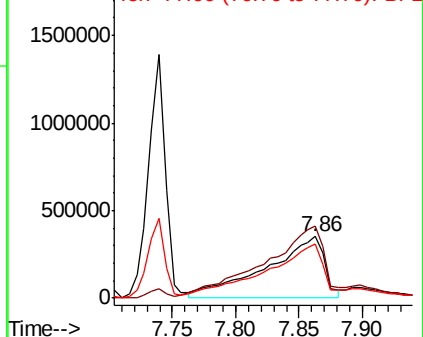


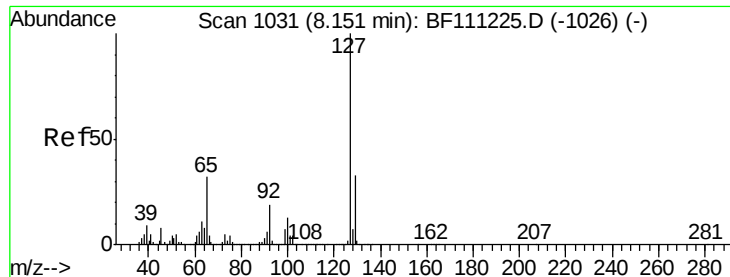
#32
Benzoic acid
Concen: 37.863 ng
RT: 7.86 min Scan# 982
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt Ion:122 Resp: 1113967
Ion Ratio Lower Upper
122 100
105 116.8 97.0 137.0
77 88.4 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

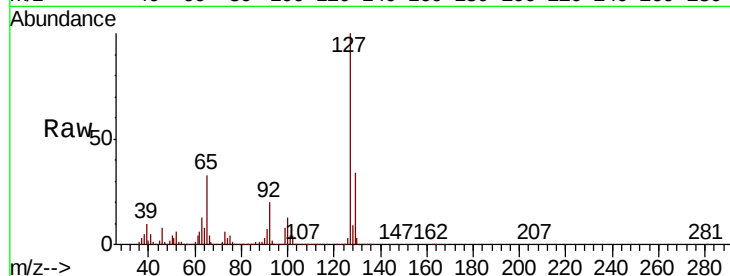




#33
4-Chloroaniline
Concen: 38.666 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:127	Resp: 2024167
Ion Ratio	Lower Upper
127 100	
129 33.9	26.6 39.8
65 33.5	25.7 38.5
92 20.3	15.4 23.2



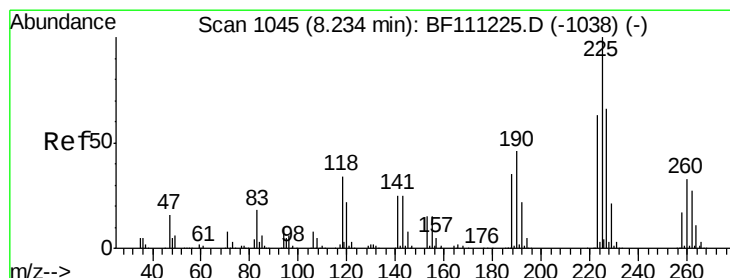
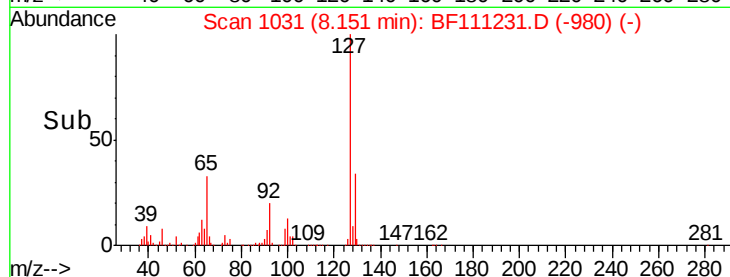
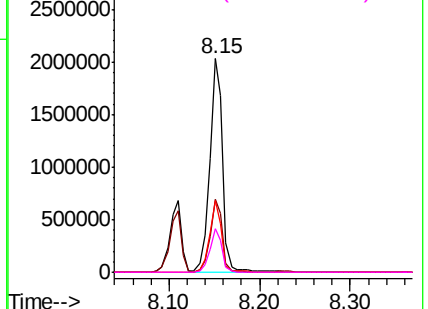
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

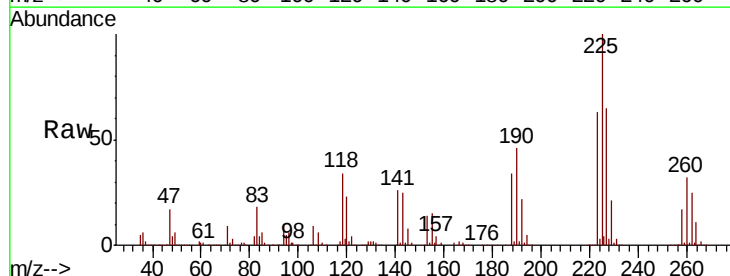
Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1



#34
Hexachlorobutadiene
Concen: 39.019 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt	Ion:225	Resp:	771823
Ion	Ratio	Lower	Upper
225	100		
223	63.2	50.7	76.1
227	64.5	52.6	78.8

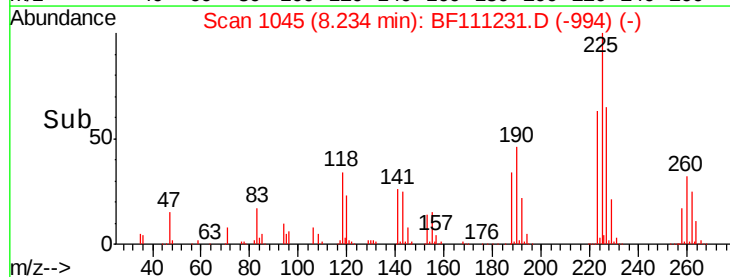
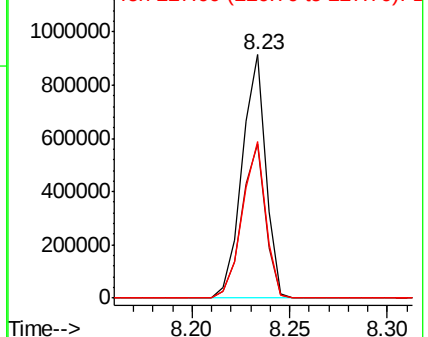


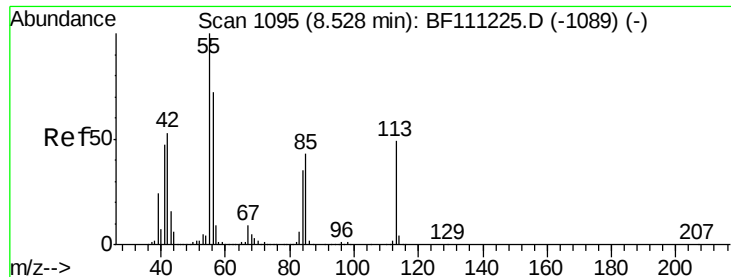
Abundance

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: 36.001 ng

RT: 8.53 min Scan# 1096

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

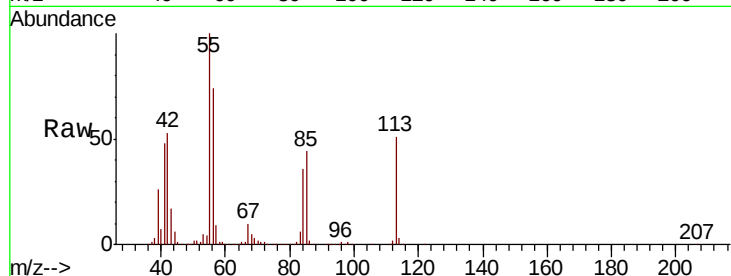
Tot Ion:113 Resp: 464092

Ion Ratio Lower Upper

113 100

55 195.1 184.1 224.1

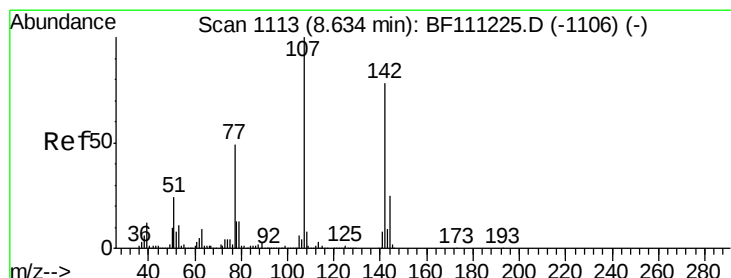
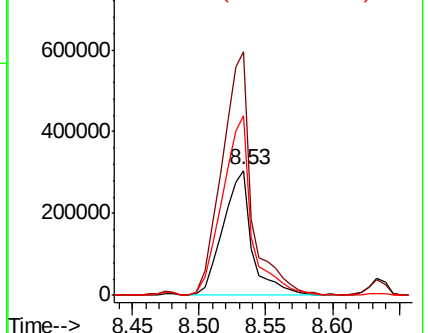
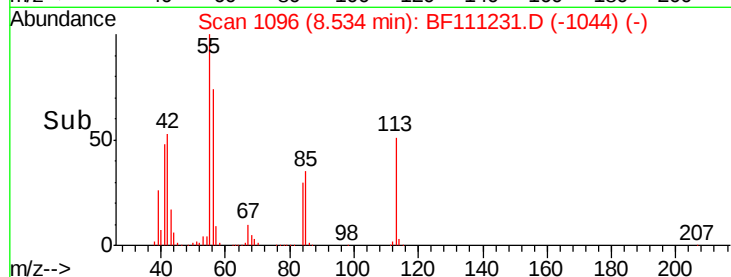
56 144.1 126.0 166.0



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1



#36

4-Chloro-3-methylphenol

Concen: 36.839 ng

RT: 8.63 min Scan# 1113

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

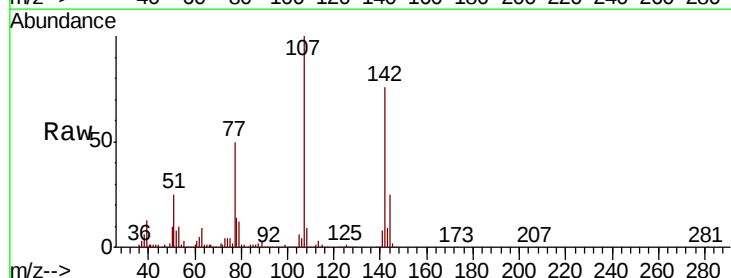
Tgt Ion:107 Resp: 1372160

Ion Ratio Lower Upper

107 100

144 24.5 19.8 29.6

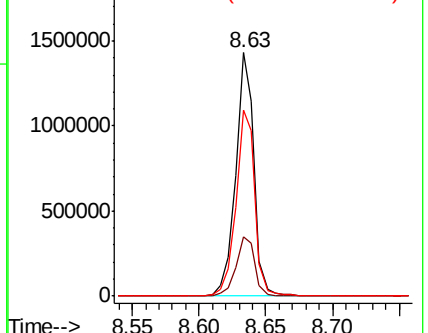
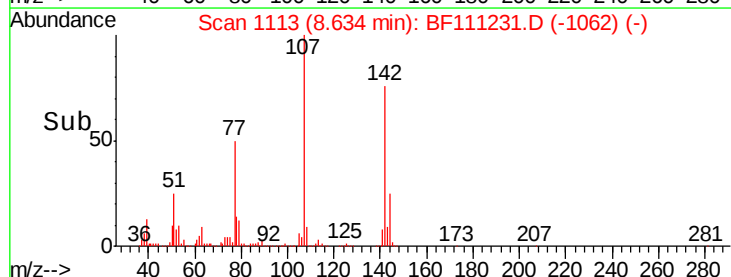
142 76.3 62.3 93.5

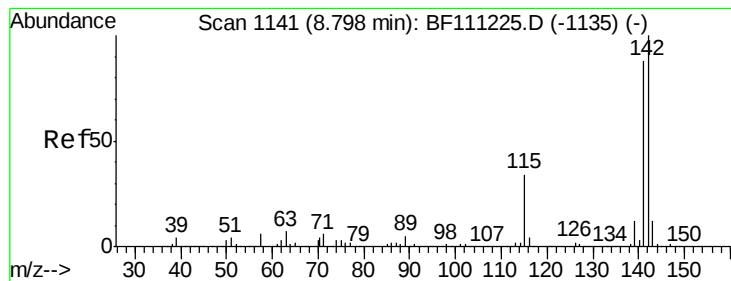


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

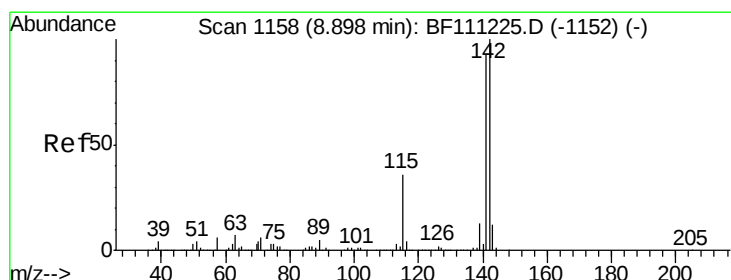
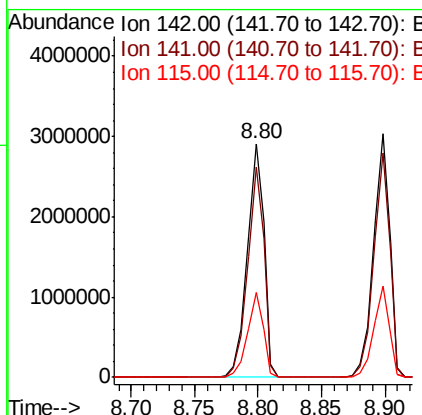
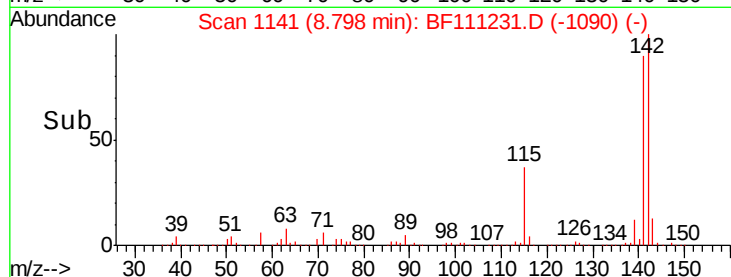
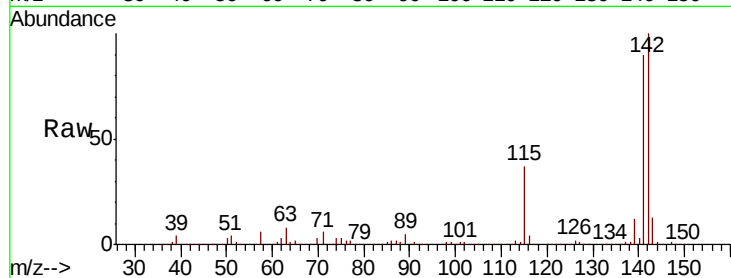




#37
 2-Methylnaphthalene
 Concen: 36.771 ng
 RT: 8.80 min Scan# 1141
 Delta R.T. -0.00 min
 Lab File: BF111231.D
 Acq: 10 Dec 2018 9:53

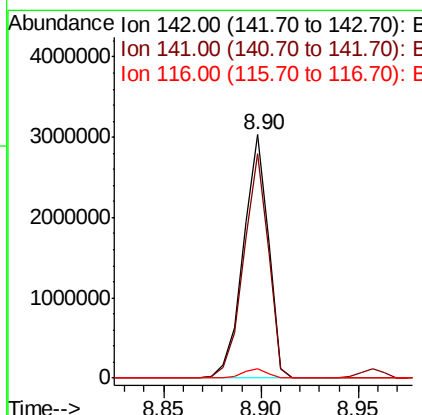
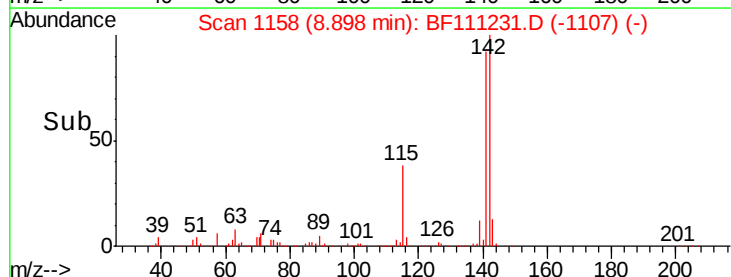
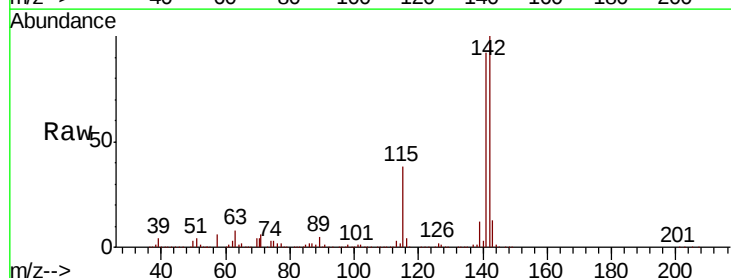
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

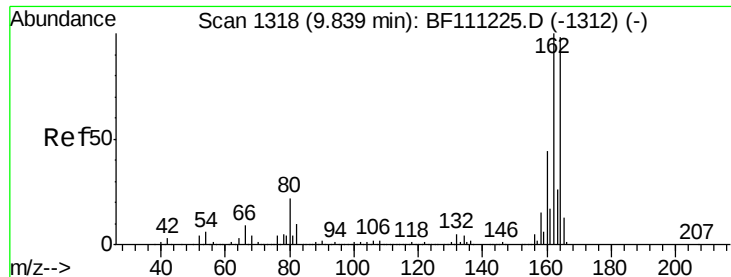
Tot Ion:142 Resp: 2660868
 Ion Ratio Lower Upper
 142 100
 141 89.9 70.6 105.8
 115 36.5 27.0 40.6



#38
 1-Methylnaphthalene
 Concen: 37.897 ng
 RT: 8.90 min Scan# 1158
 Delta R.T. -0.00 min
 Lab File: BF111231.D
 Acq: 10 Dec 2018 9:53

Tgt Ion:142 Resp: 2685563
 Ion Ratio Lower Upper
 142 100
 141 92.3 74.2 111.4
 116 4.0 2.9 4.3

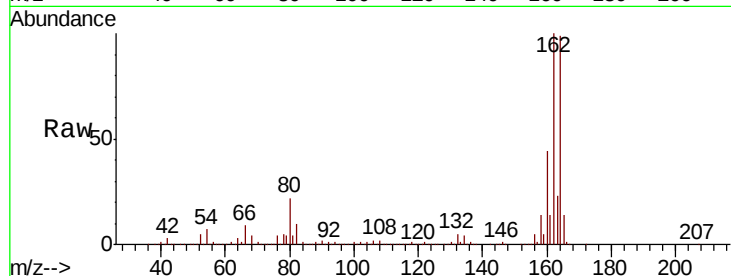




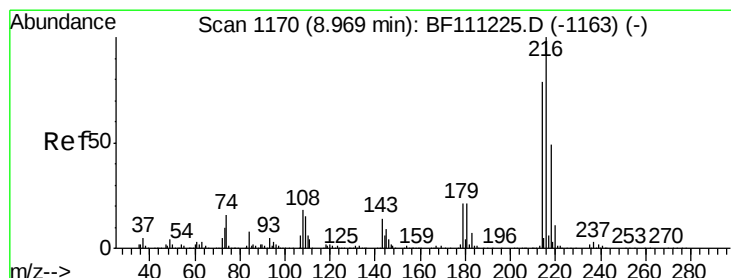
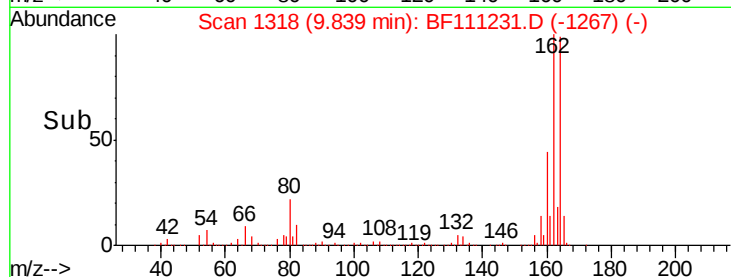
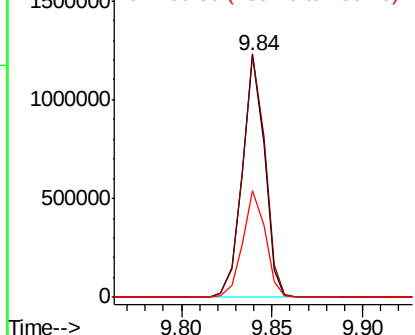
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:164 Resp: 1043525
Ion Ratio Lower Upper
164 100
162 100.6 81.4 122.0
160 44.1 35.7 53.5

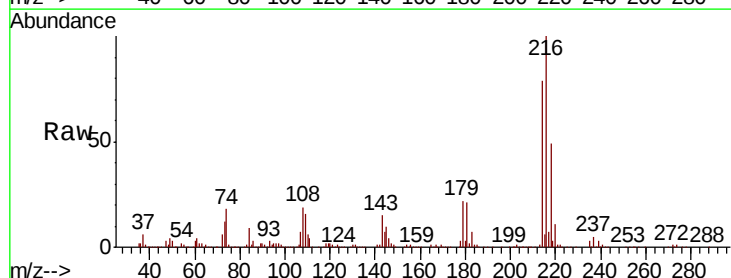


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

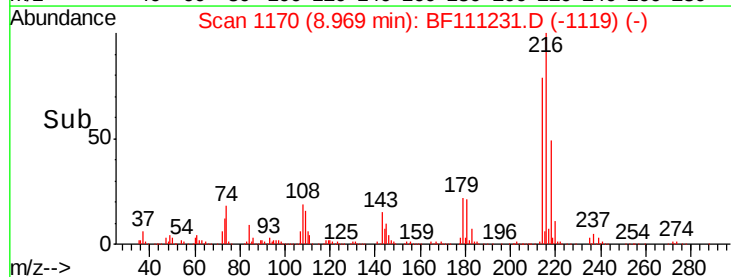
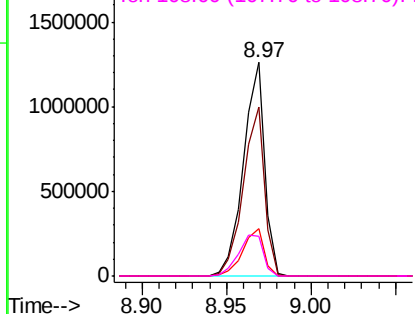


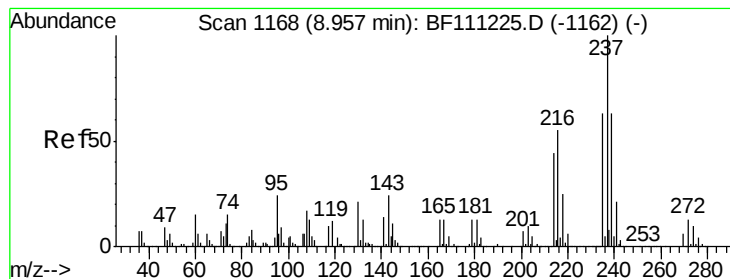
#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.112 ng
RT: 8.97 min Scan# 1170
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt Ion:216 Resp: 1106625
Ion Ratio Lower Upper
216 100
214 79.6 63.8 95.8
179 22.5 17.9 26.9
108 22.8 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: 38.788 ng

RT: 8.96 min Scan# 1168

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

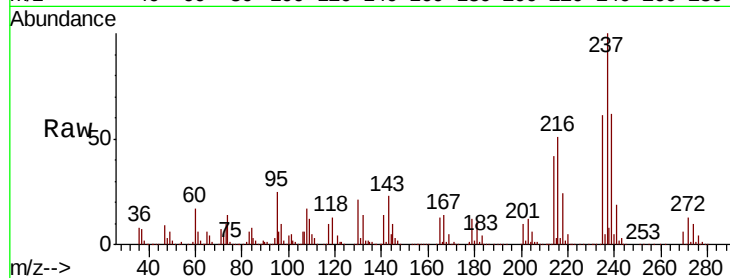
Tot Ion:237 Resp: 641403

Ion Ratio Lower Upper

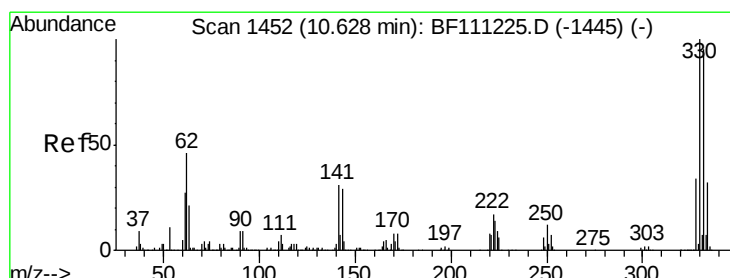
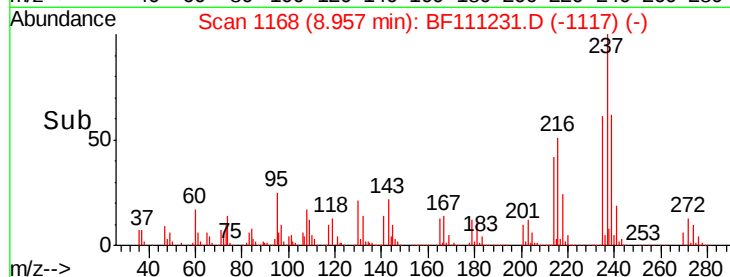
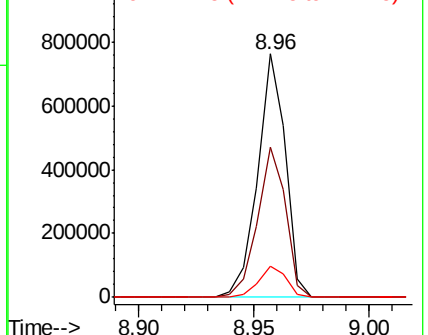
237 100

235 61.5 43.1 83.1

272 12.5 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: 72.998 ng

RT: 10.63 min Scan# 1452

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

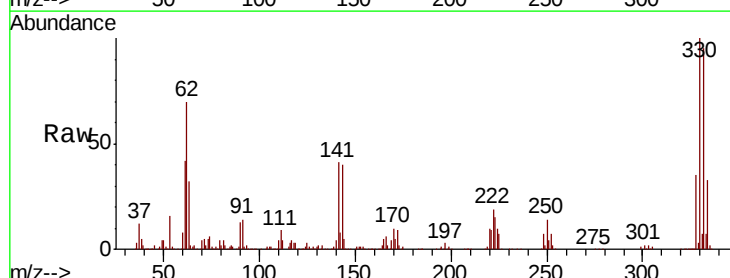
Tgt Ion:330 Resp: 674766

Ion Ratio Lower Upper

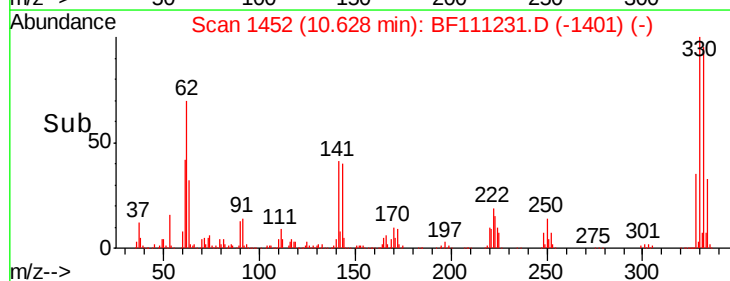
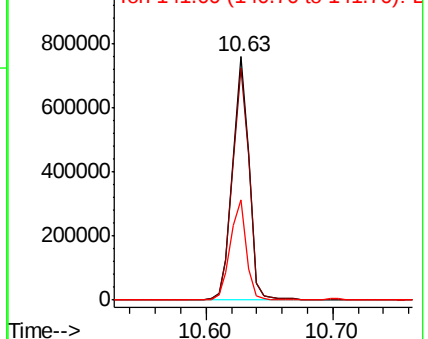
330 100

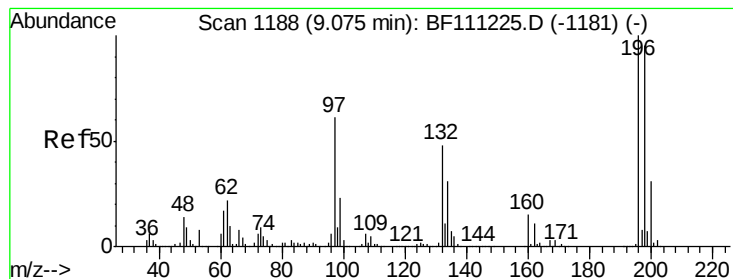
332 96.6 76.0 114.0

141 40.4 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: 38.184 ng

RT: 9.07 min Scan# 1188

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

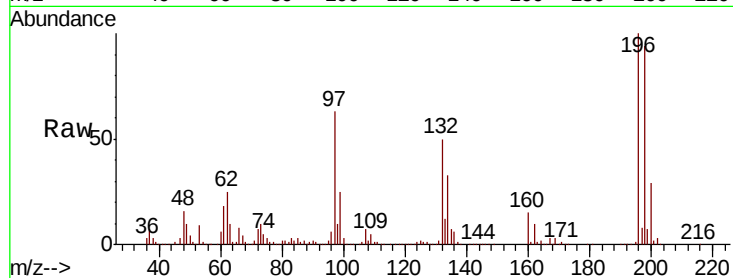
Tot Ion:196 Resp: 832255

Ion Ratio Lower Upper

196 100

198 94.2 76.3 114.5

200 29.4 24.9 37.3

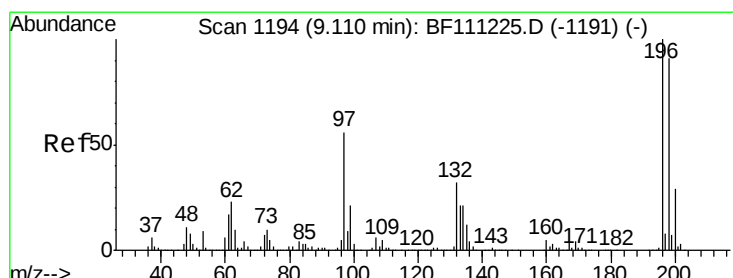
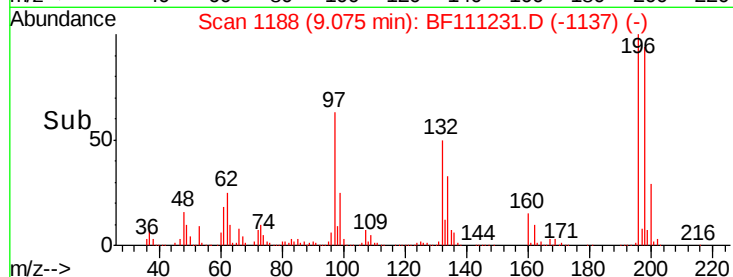
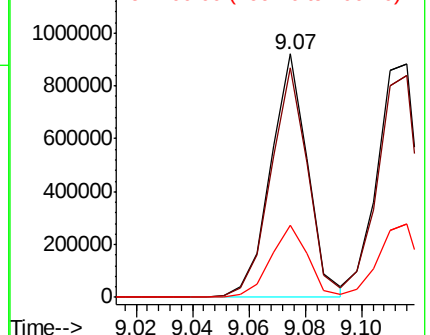


Abundance

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: 39.283 ng

RT: 9.12 min Scan# 1195

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Tgt Ion:196 Resp: 891912

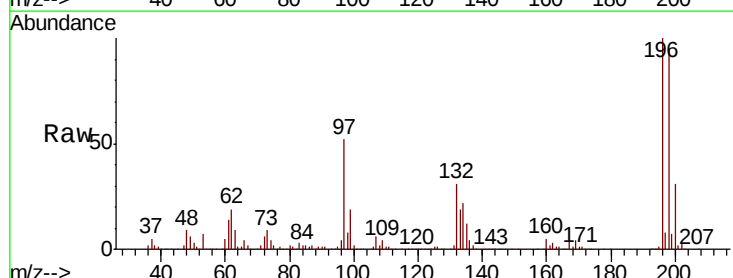
Ion Ratio Lower Upper

196 100

198 95.4 72.9 109.3

97 51.9 45.3 67.9

132 31.3 25.5 38.3



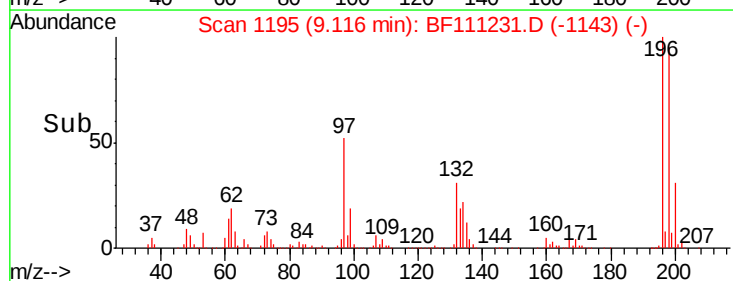
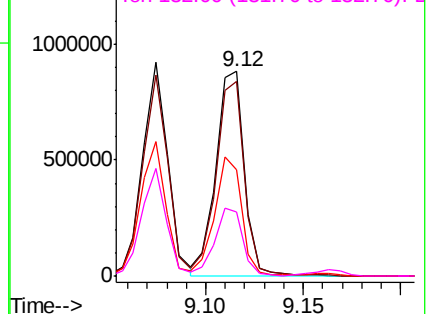
Abundance

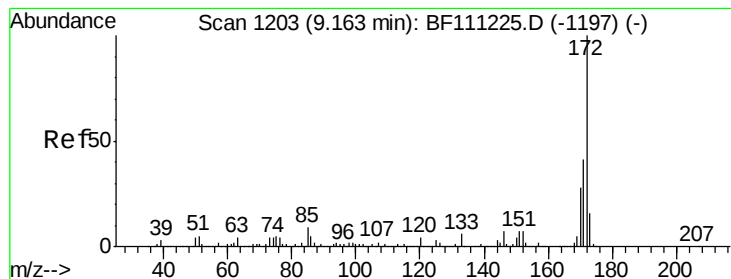
Ion 196.00 (195.70 to 196.70): E

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: 78.259 ng

RT: 9.16 min Scan# 1203

Delta R.T. 0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

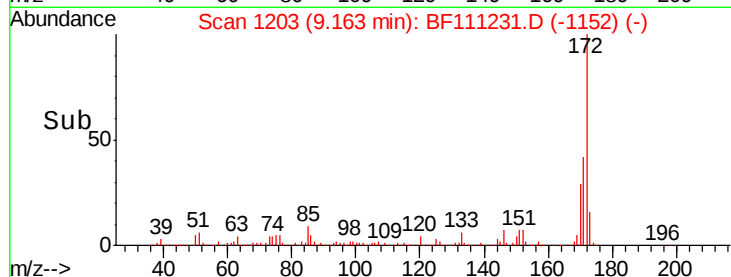
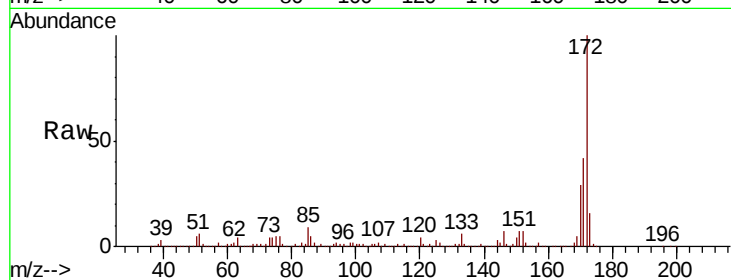
BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion:172 Resp: 4812755

Ion	Ratio	Lower	Upper
172	100		
171	41.7	33.0	49.4
170	28.8	22.3	33.5

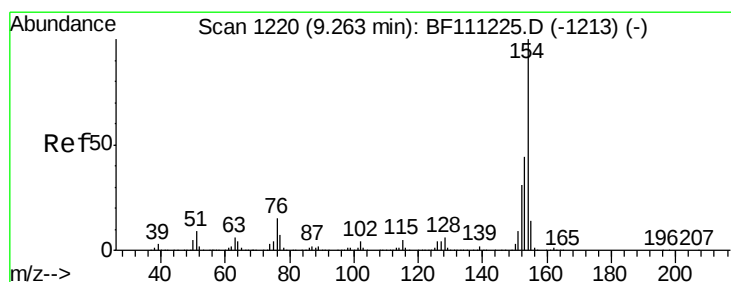
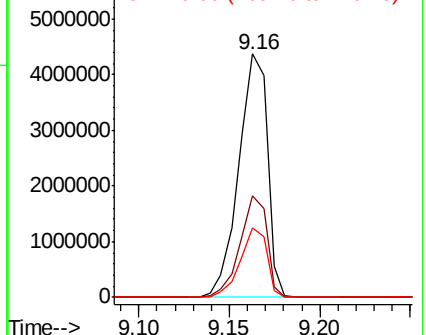


Abundance

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: 38.332 ng

RT: 9.26 min Scan# 1220

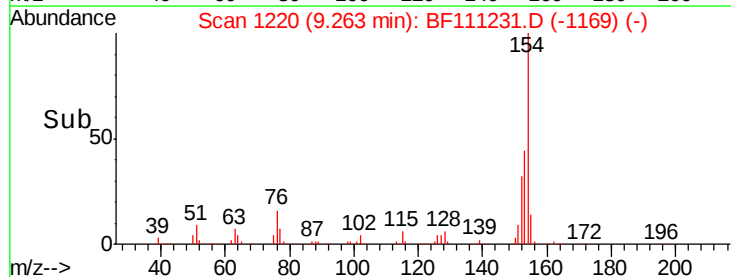
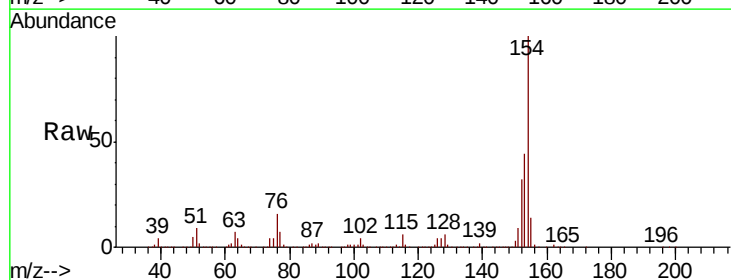
Delta R.T. 0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Tgt Ion:154 Resp: 3282872

Ion	Ratio	Lower	Upper
154	100		
153	44.3	23.7	63.7
76	15.6	0.0	35.0

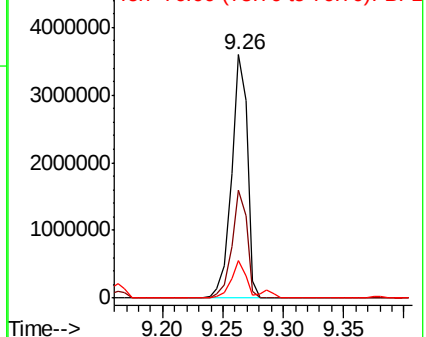


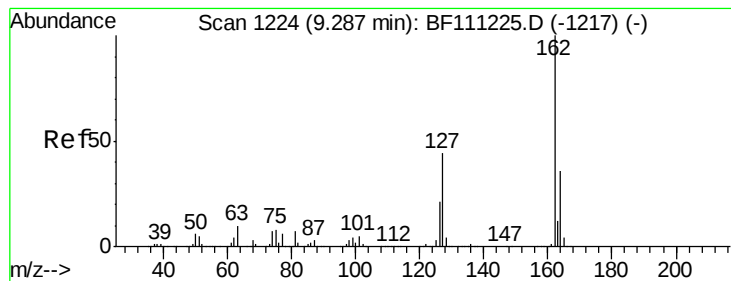
Abundance

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: 39.043 ng

RT: 9.29 min Scan# 1224

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

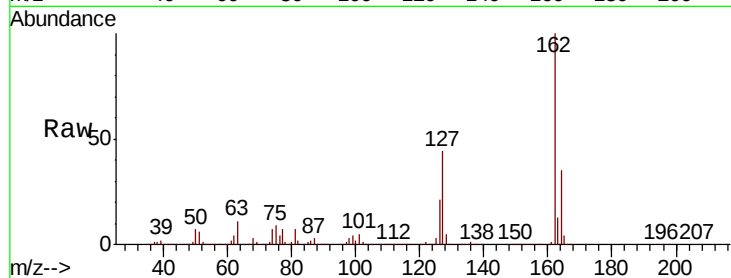
Tot Ion:162 Resp: 2665875

Ion Ratio Lower Upper

162 100

127 44.1 35.0 52.4

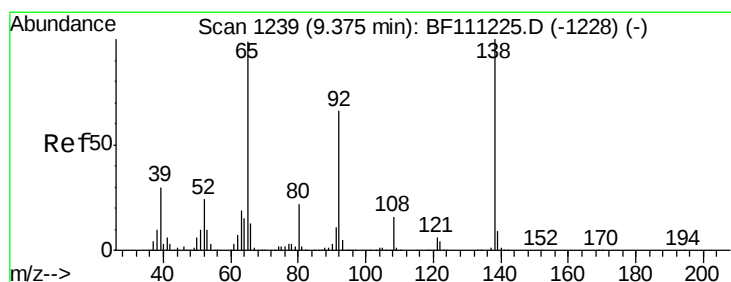
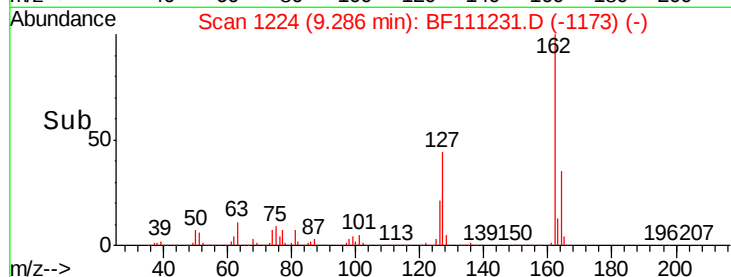
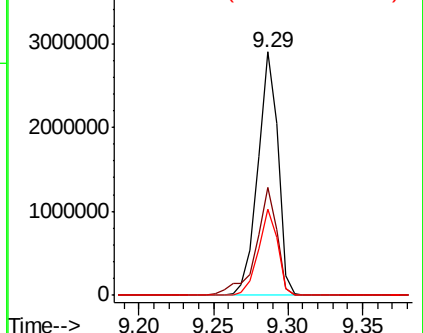
164 35.5 28.4 42.6



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: 40.008 ng

RT: 9.38 min Scan# 1240

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

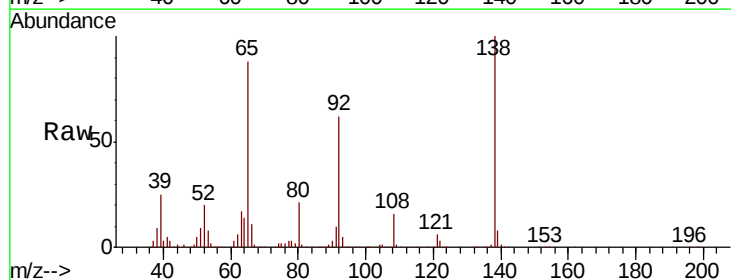
Tgt Ion: 65 Resp: 931876

Ion Ratio Lower Upper

65 100

92 70.7 53.5 80.3

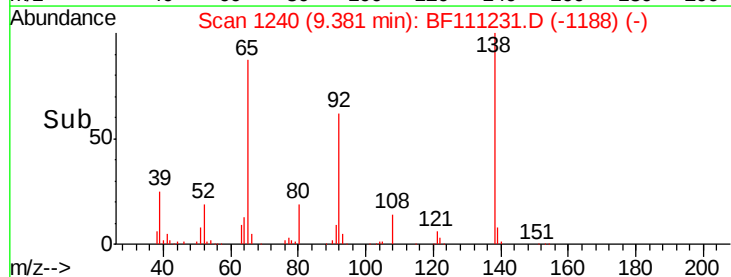
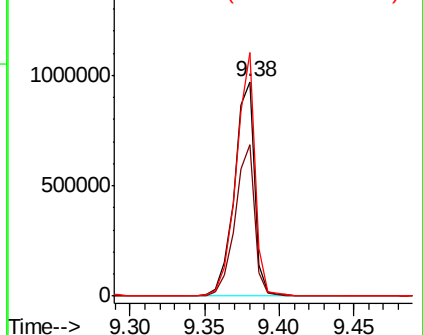
138 113.4 80.9 121.3

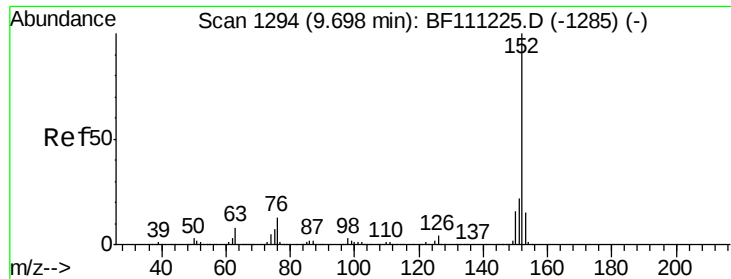


Abundance Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 37.250 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

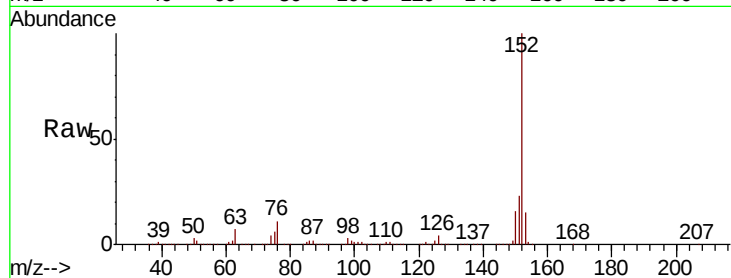
Tot Ion:152 Resp: 3692363

Ion Ratio Lower Upper

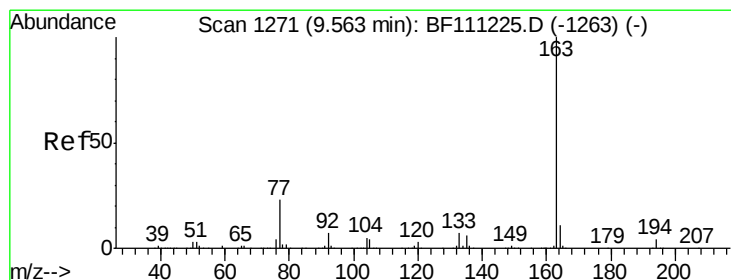
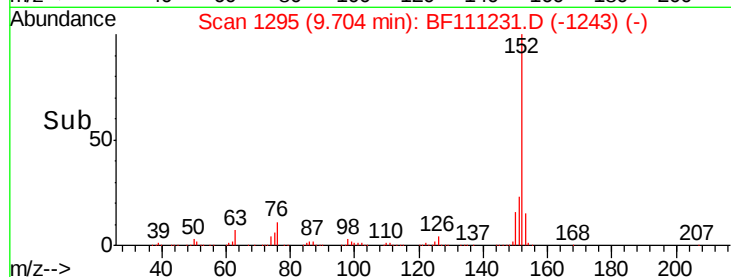
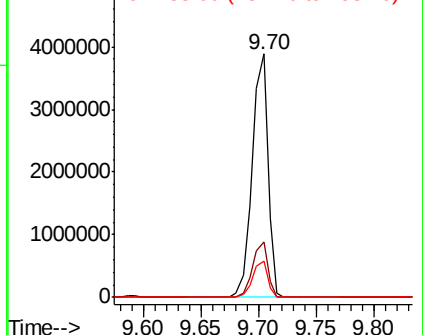
152 100

151 22.7 18.0 27.0

153 14.9 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: 39.247 ng

RT: 9.57 min Scan# 1272

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

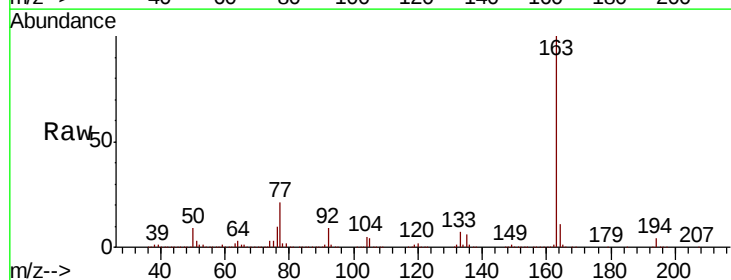
Tgt Ion:163 Resp: 3021863

Ion Ratio Lower Upper

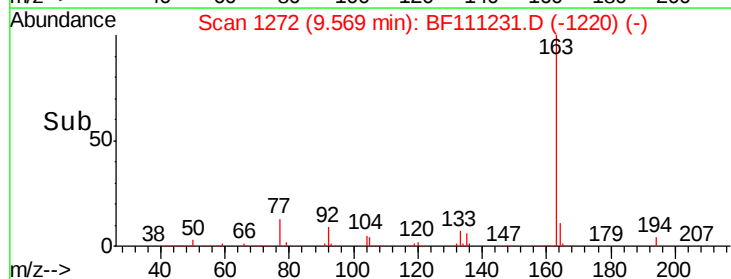
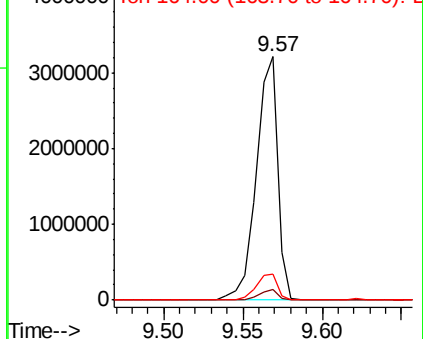
163 100

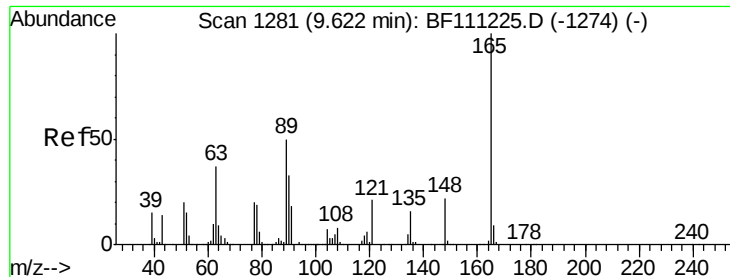
194 4.1 3.0 4.6

164 10.7 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

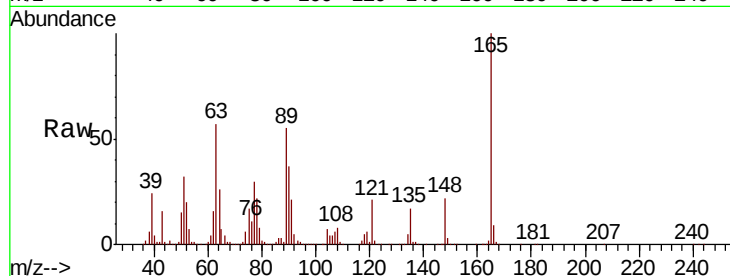




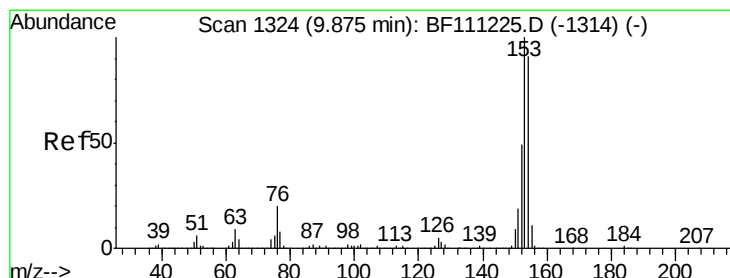
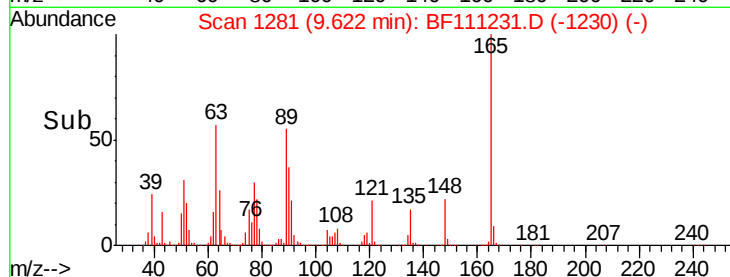
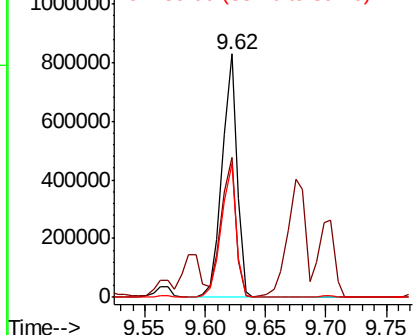
#51
2,6-Dinitrotoluene
Concen: 41.507 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:165 Resp: 705790
Ion Ratio Lower Upper
165 100
63 57.3 40.5 60.7
89 54.9 40.0 60.0

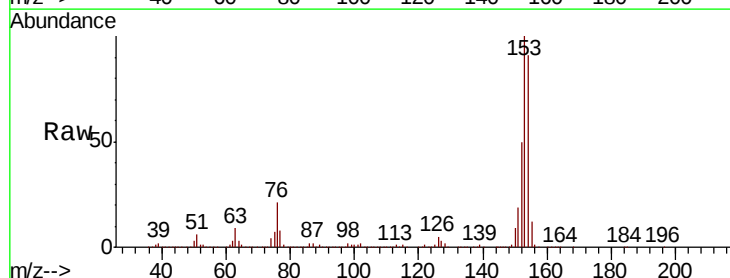


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 89.00 (88.70 to 89.70): BF1

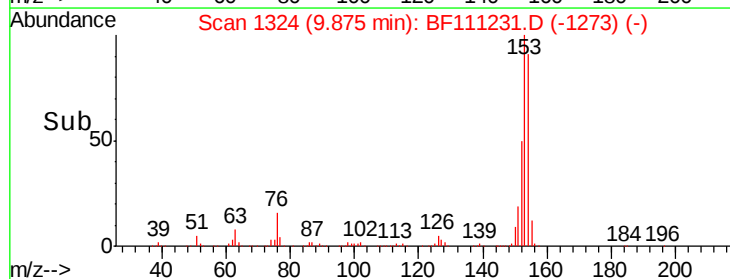
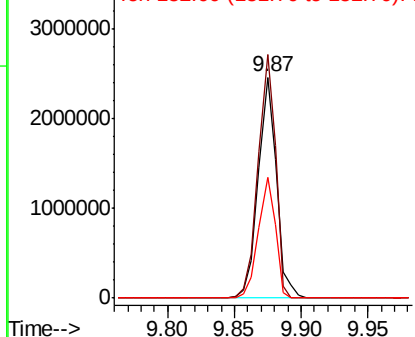


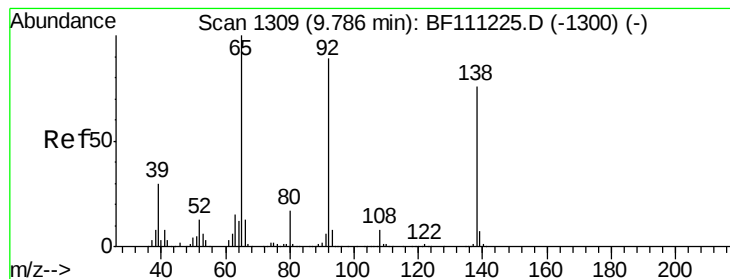
#52
Acenaphthene
Concen: 36.783 ng
RT: 9.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt Ion:154 Resp: 2288054
Ion Ratio Lower Upper
154 100
153 110.2 87.8 131.8
152 54.8 43.4 65.2



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 42.839 ng

RT: 9.79 min Scan# 1309

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

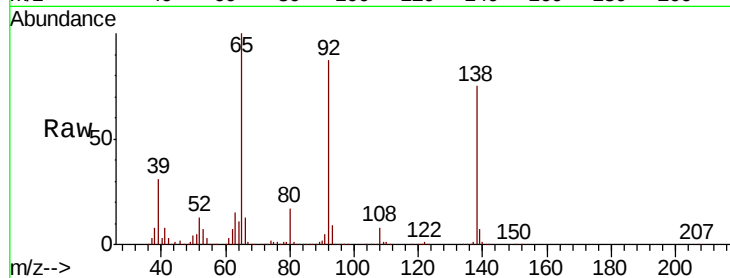
Tot Ion:138 Resp: 899122

Ion Ratio Lower Upper

138 100

108 10.3 8.2 12.4

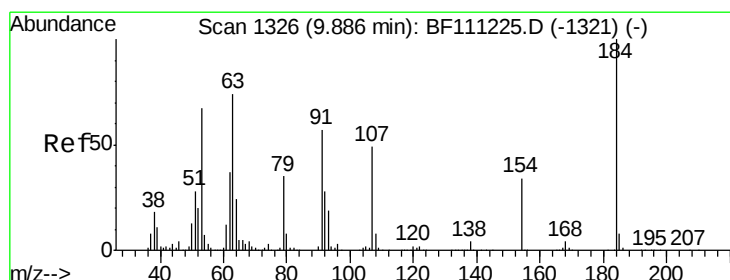
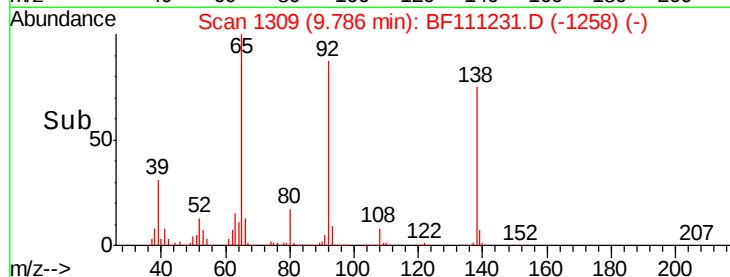
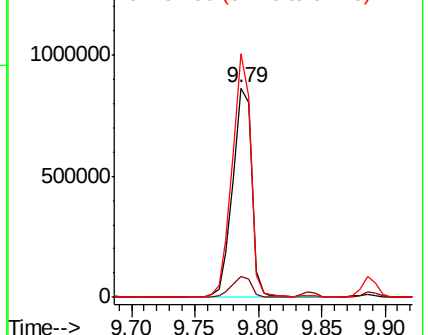
92 116.2 93.4 140.2



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: 35.600 ng

RT: 9.89 min Scan# 1326

Delta R.T. 0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

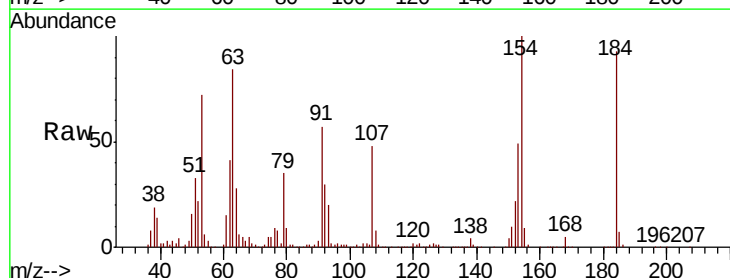
Tgt Ion:184 Resp: 239214

Ion Ratio Lower Upper

184 100

63 90.0 62.3 93.5

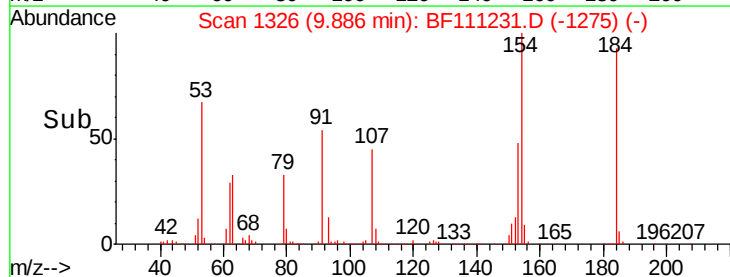
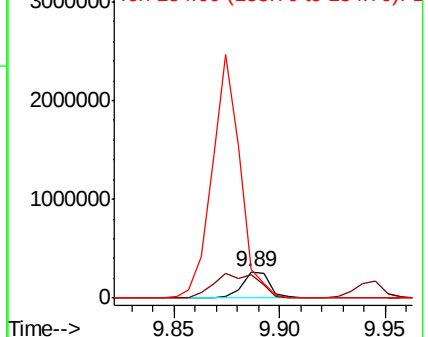
154 107.5 56.2 84.2#

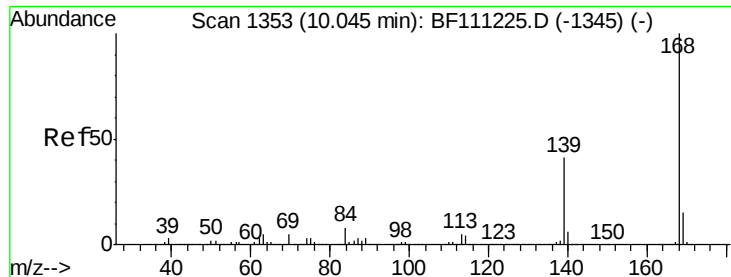


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E

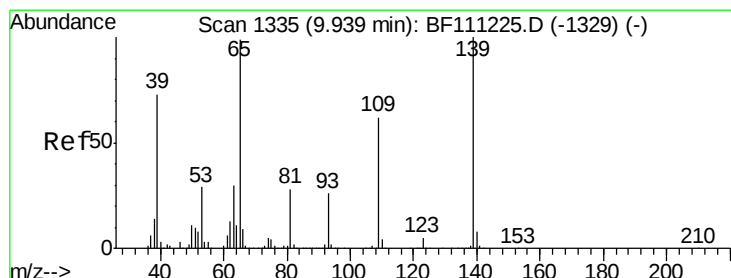
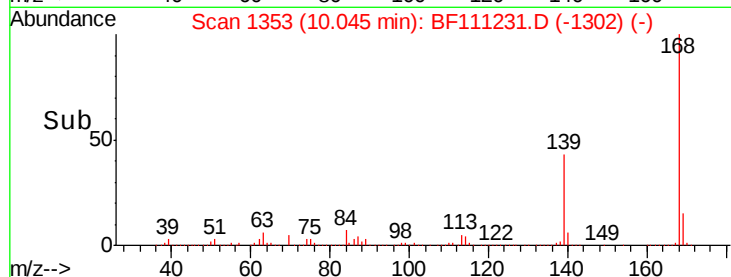
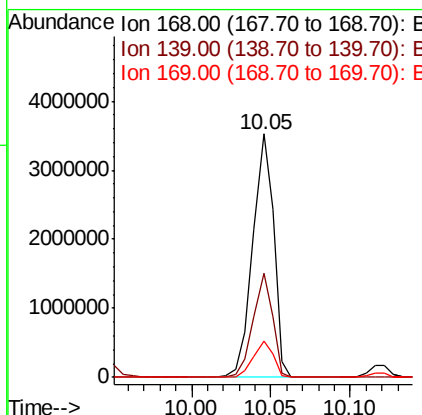
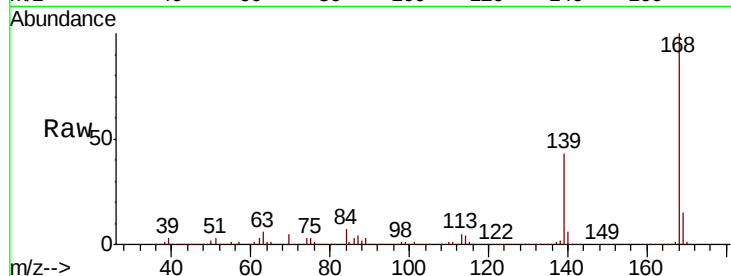




#55
Dibenzenofuran
Concen: 38.096 ng
RT: 10.05 min Scan# 1353
Delta R.T. 0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

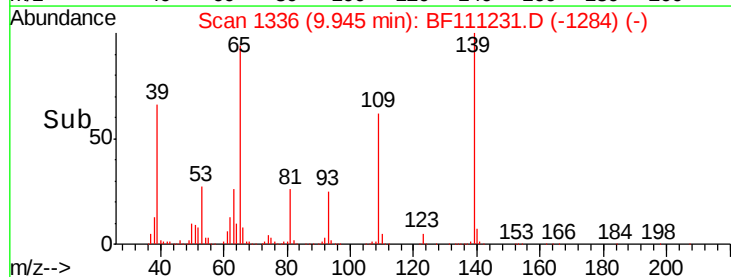
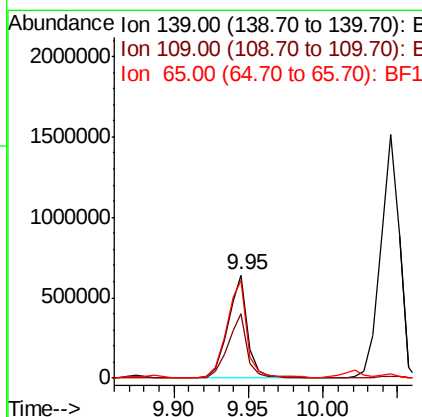
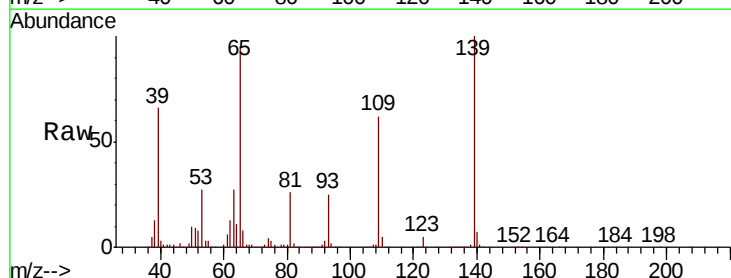
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

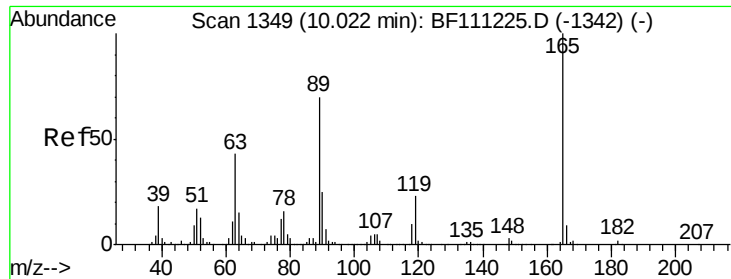
Tot Ion:168 Resp: 3223968
Ion Ratio Lower Upper
168 100
139 43.0 32.6 49.0
169 14.7 11.8 17.6



#56
4-Nitrophenol
Concen: 37.024 ng
RT: 9.95 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt Ion:139 Resp: 605210
Ion Ratio Lower Upper
139 100
109 62.0 41.8 81.8
65 94.6 79.6 119.6

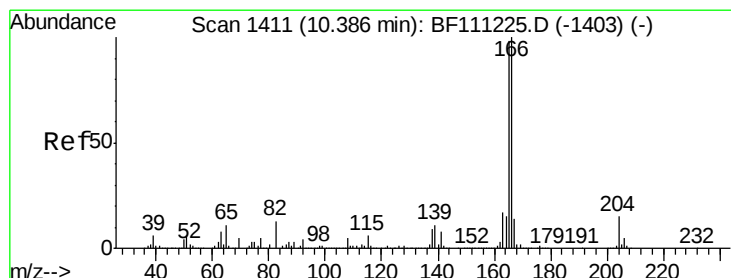
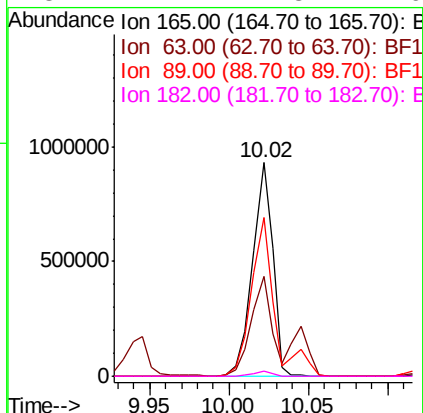
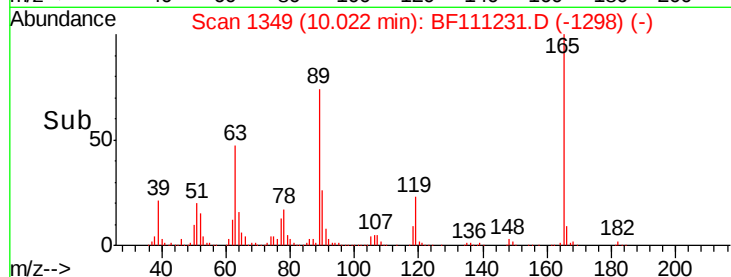
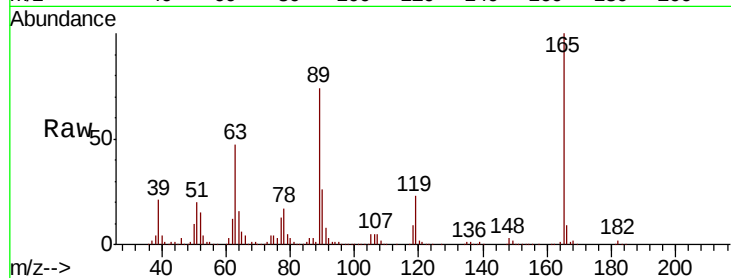




#57
2,4-Dinitrotoluene
Concen: 39.388 ng
RT: 10.02 min Scan# 1349
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

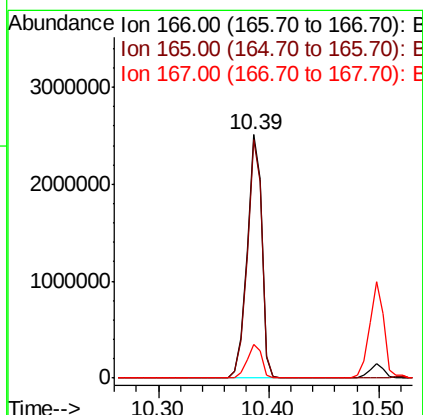
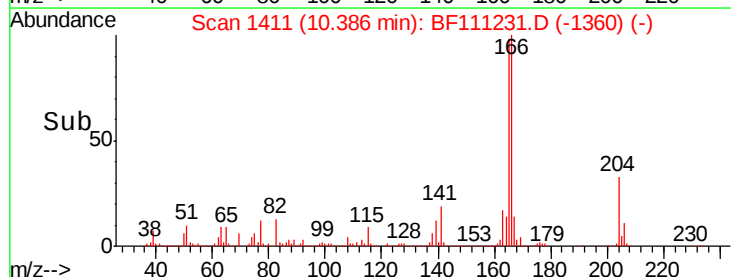
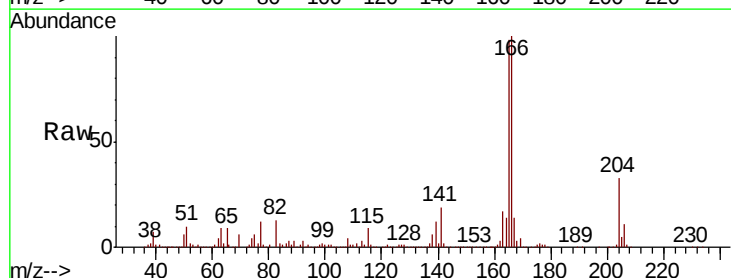
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

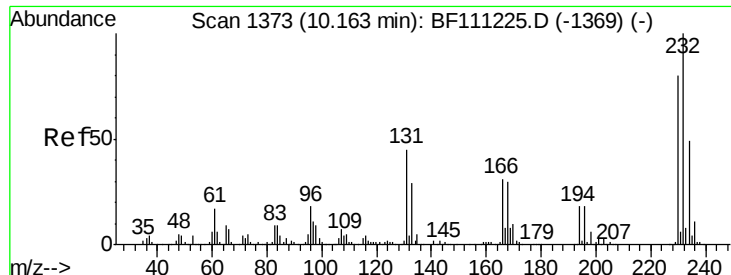
Tot Ion	Ratio	Lower	Upper
165	100		
63	47.0	34.6	52.0
89	74.4	56.2	84.4
182	2.4	1.8	2.6



#58
Fluorene
Concen: 35.733 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.7	78.4	117.6
167	14.0	11.2	16.8

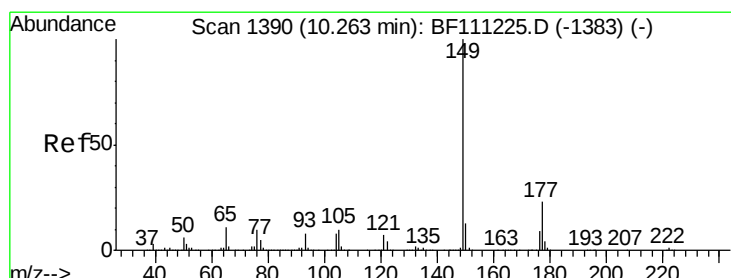
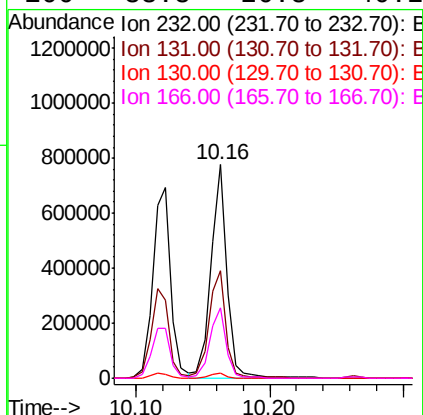
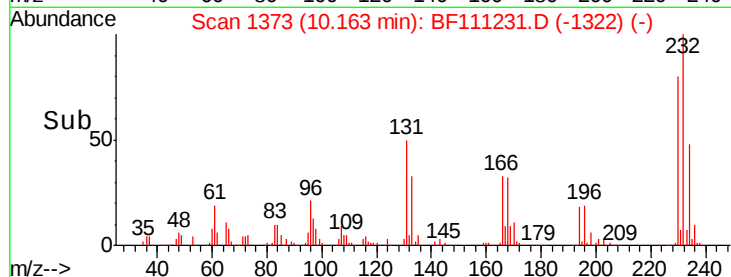
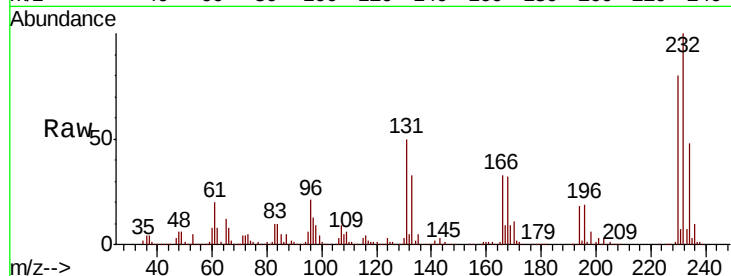




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.022 ng
 RT: 10.16 min Scan# 1373
 Delta R.T. -0.00 min
 Lab File: BF111231.D
 Acq: 10 Dec 2018 9:53

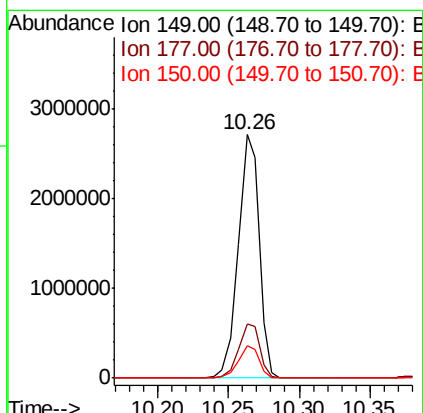
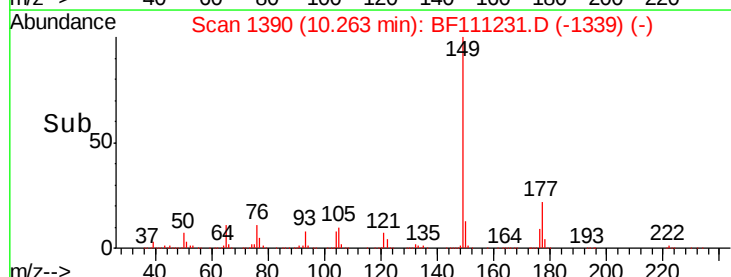
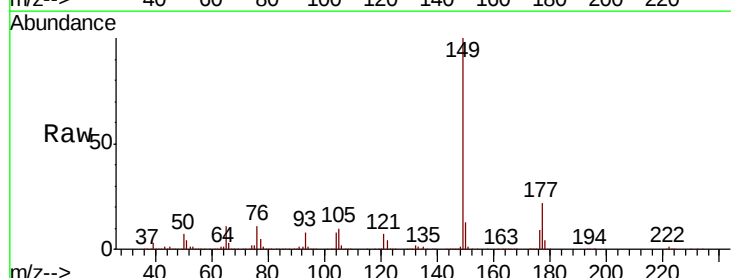
Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

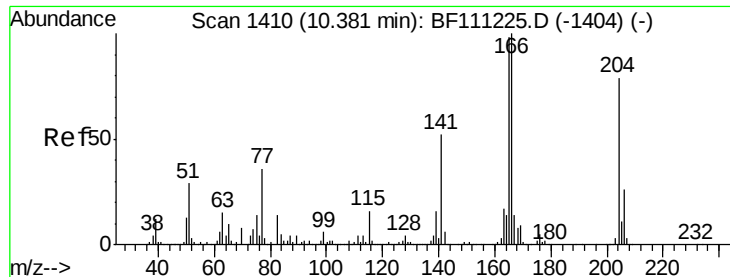
Tot Ion:	232	Resp:	654357
Ion	Ratio	Lower	Upper
232	100		
131	52.1	40.9	61.3
130	2.5	2.0	3.0
166	33.8	26.8	40.2



#60
 Diethylphthalate
 Concen: 37.994 ng
 RT: 10.26 min Scan# 1390
 Delta R.T. 0.00 min
 Lab File: BF111231.D
 Acq: 10 Dec 2018 9:53

Tgt Ion:	149	Resp:	2788998
Ion	Ratio	Lower	Upper
149	100		
177	22.3	18.3	27.5
150	13.2	10.6	15.8

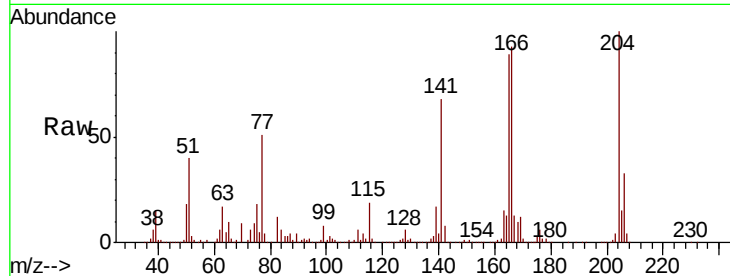




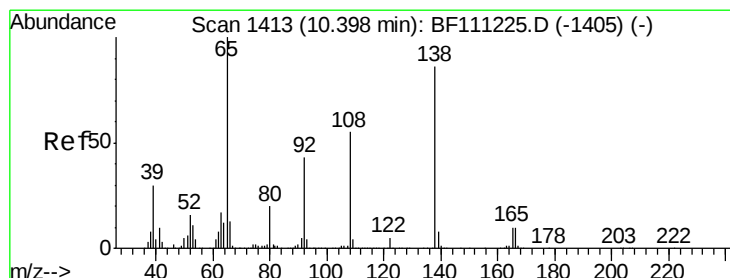
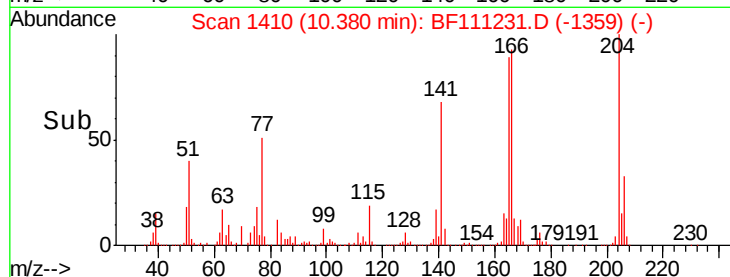
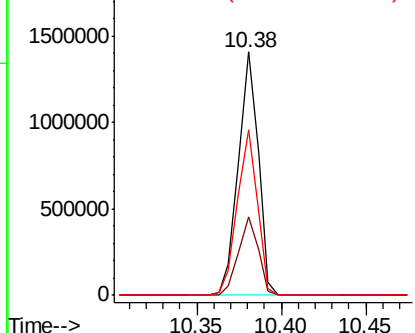
#61
 4-Chlorophenyl-phenylether
 Concen: 35.534 ng
 RT: 10.38 min Scan# 1410
 Delta R.T. 0.00 min
 Lab File: BF111231.D
 Acq: 10 Dec 2018 9:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:204 Resp: 1155382
 Ion Ratio Lower Upper
 204 100
 206 32.5 26.6 39.8
 141 68.1 52.6 78.8

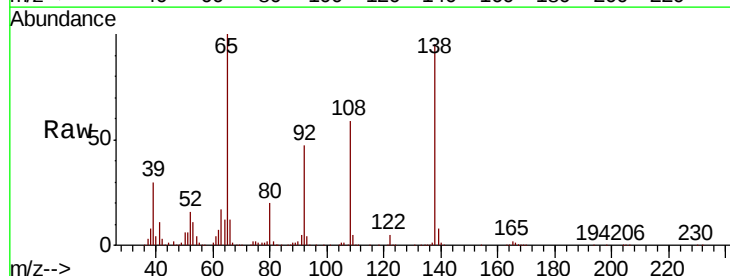


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

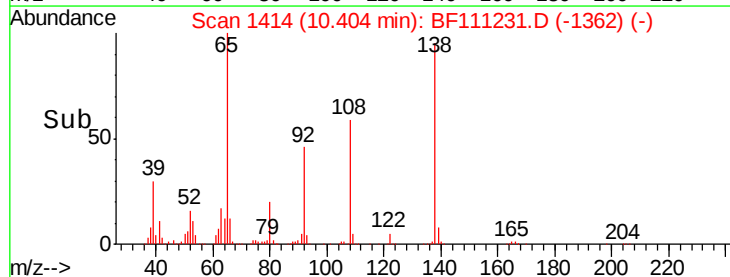
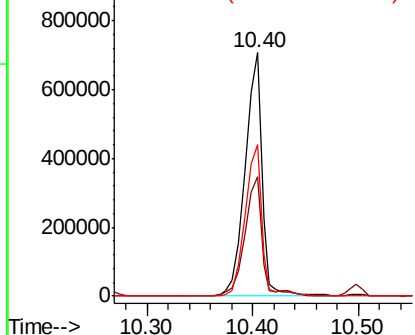


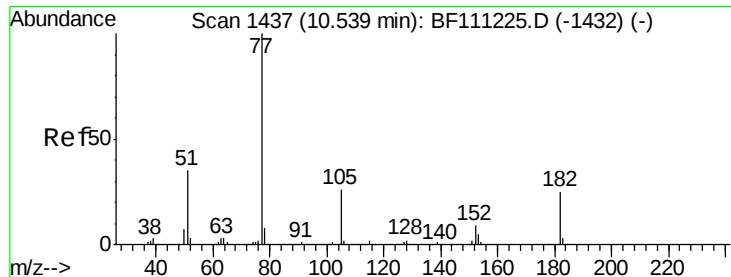
#62
 4-Nitroaniline
 Concen: 39.479 ng
 RT: 10.40 min Scan# 1414
 Delta R.T. 0.01 min
 Lab File: BF111231.D
 Acq: 10 Dec 2018 9:53

Tgt Ion:138 Resp: 784013
 Ion Ratio Lower Upper
 138 100
 92 48.8 29.9 69.9
 108 62.4 43.2 83.2



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





#63

Azobenzene

Concen: 37.578 ng

RT: 10.54 min Scan# 1437

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

Tot Ion: 77 Resp: 2863889

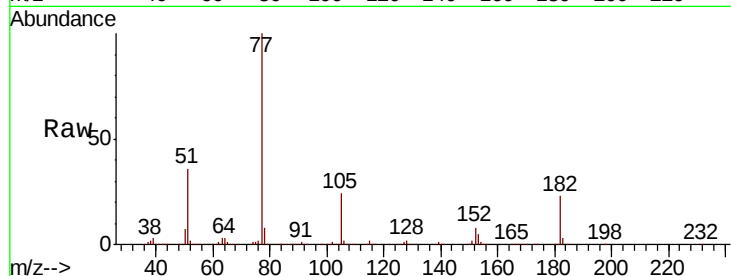
Ion Ratio Lower Upper

77 100

182 22.7 4.9 44.9

105 24.5 6.0 46.0

51 36.0 14.7 54.7

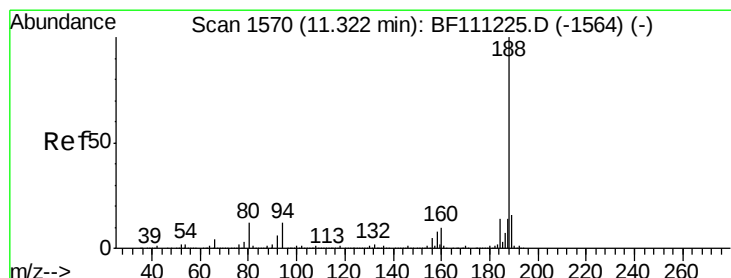
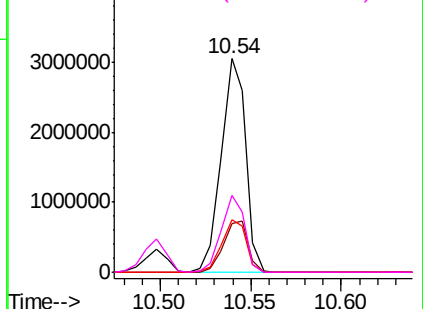
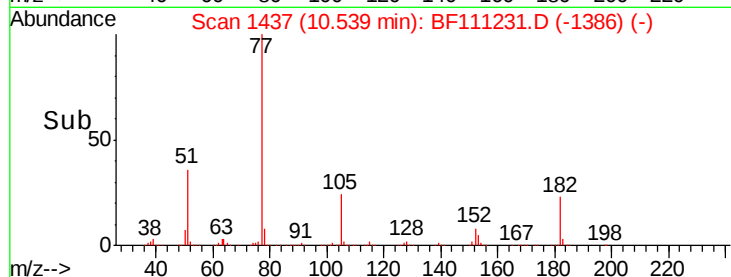


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 182.00 (181.70 to 182.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

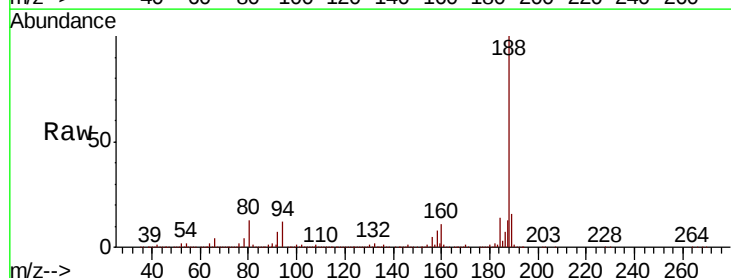
Tgt Ion: 188 Resp: 1980745

Ion Ratio Lower Upper

188 100

94 12.1 9.6 14.4

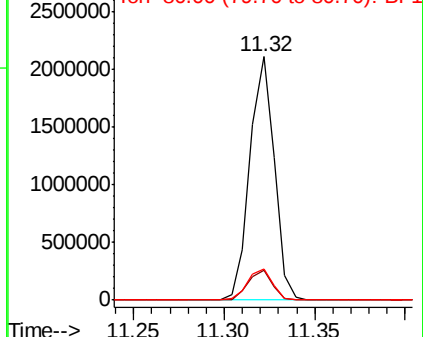
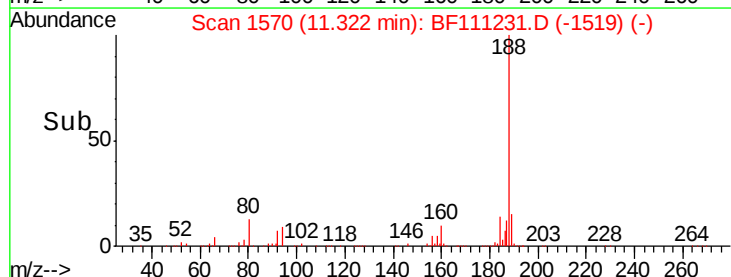
80 13.0 9.8 14.6

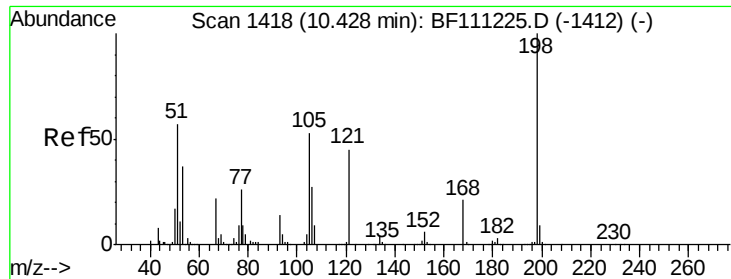


Abundance Ion 188.00 (187.70 to 188.70): BF1

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

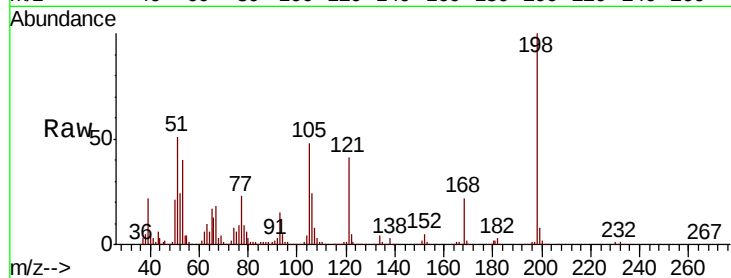




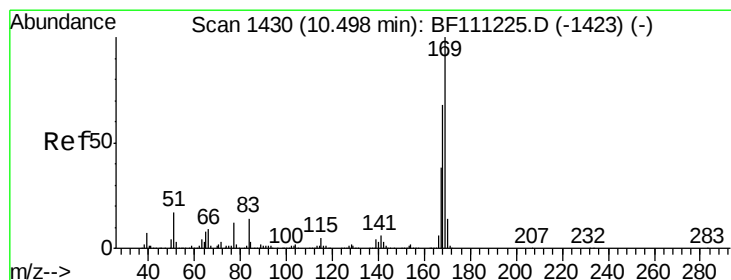
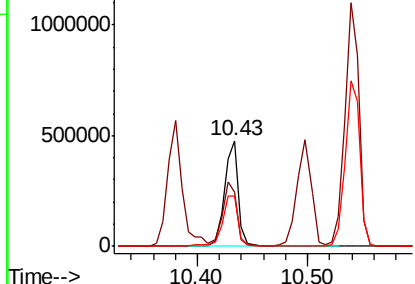
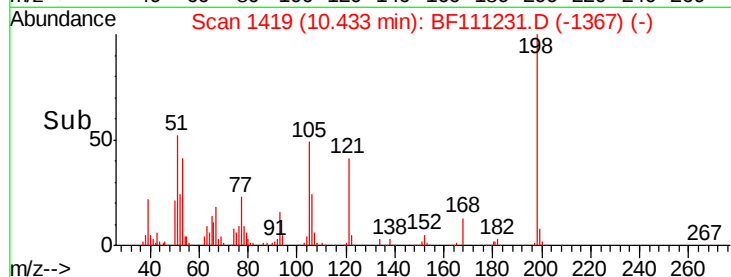
#65
4,6-Dinitro-2-methylphenol
Concen: 35.455 ng
RT: 10.43 min Scan# 1419
Delta R.T. 0.01 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion	Ratio	Lower	Upper
198	100		
51	51.2	48.0	88.0
105	47.5	34.0	74.0

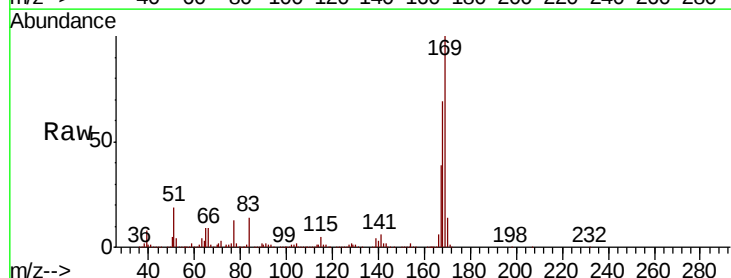


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

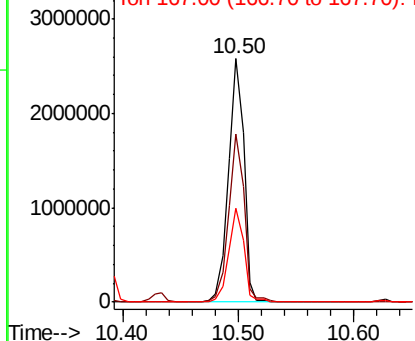
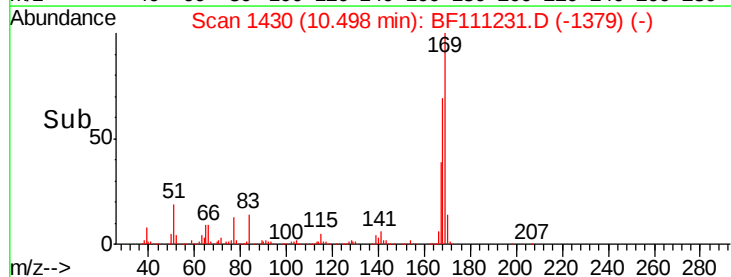


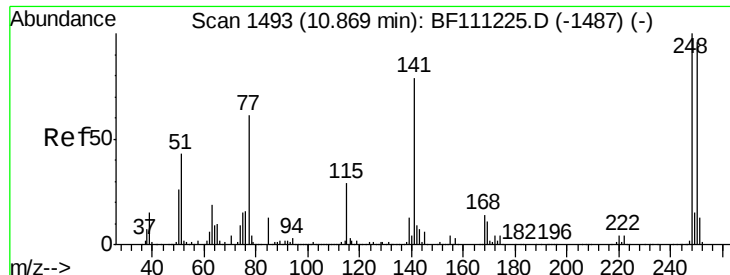
#66
n-Nitrosodiphenylamine
Concen: 35.457 ng
RT: 10.50 min Scan# 1430
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt Ion	Ratio	Lower	Upper
169	100		
168	68.8	54.4	81.6
167	38.8	30.5	45.7



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

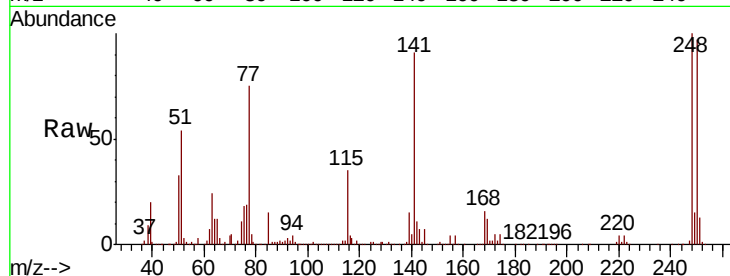




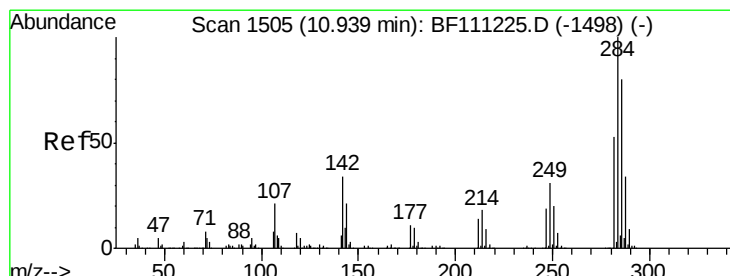
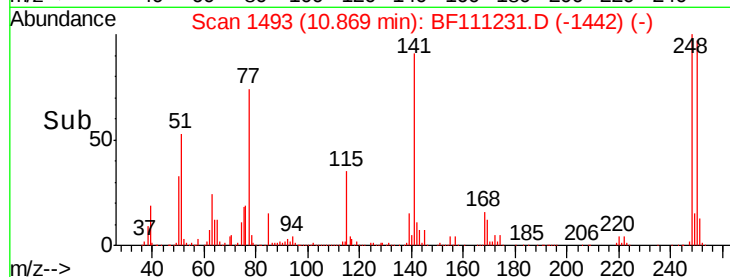
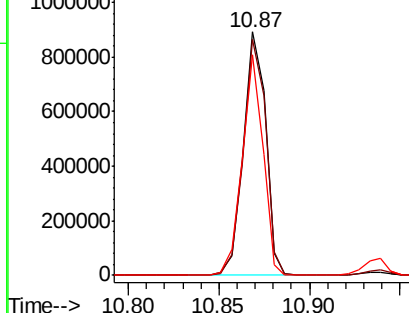
#67
4-Bromophenyl-phenylether
Concen: 35.200 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:248 Resp: 763655
Ion Ratio Lower Upper
248 100
250 97.1 77.0 115.4
141 90.6 63.0 94.6

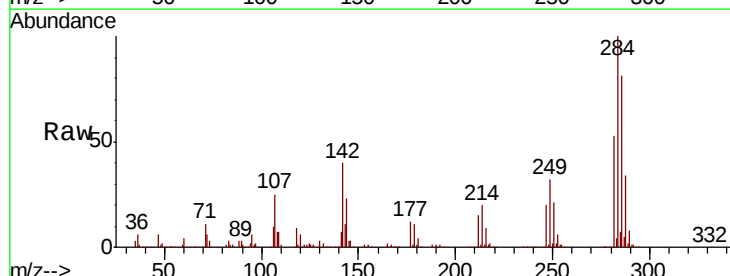


Abundance Ion 248.00 (247.70 to 248.70): E
1200000
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

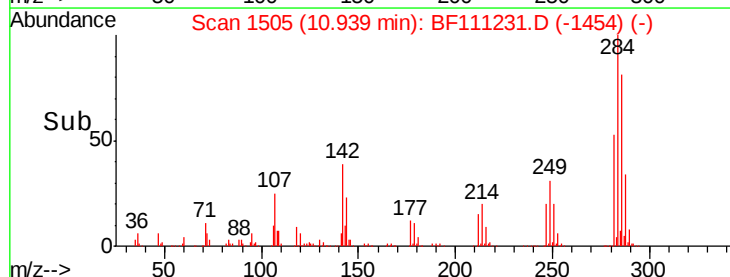
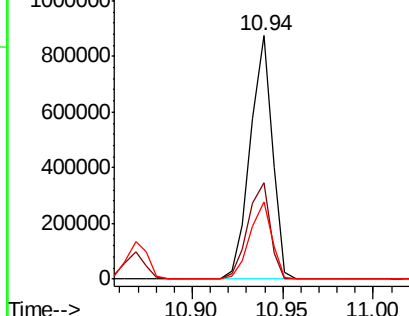


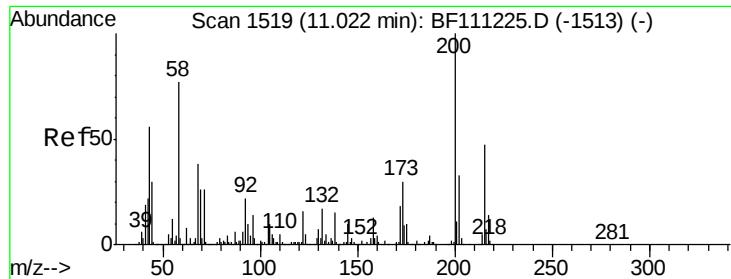
#68
Hexachlorobenzene
Concen: 33.606 ng
RT: 10.94 min Scan# 1505
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt Ion:284 Resp: 741663
Ion Ratio Lower Upper
284 100
142 39.6 27.4 41.2
249 31.5 24.4 36.6



Abundance Ion 283.80 (283.50 to 284.50): E
1200000
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 38.311 ng

RT: 11.03 min Scan# 1520

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

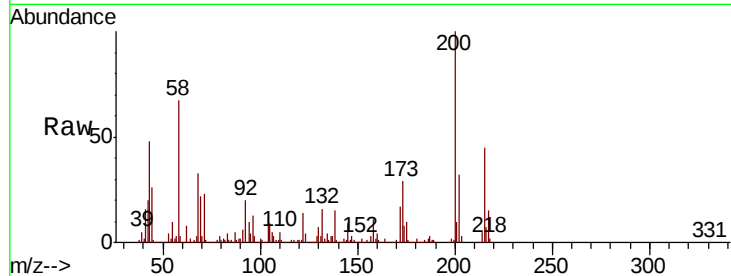
Tot Ion:200 Resp: 785520

Ion Ratio Lower Upper

200 100

173 29.0 10.1 50.1

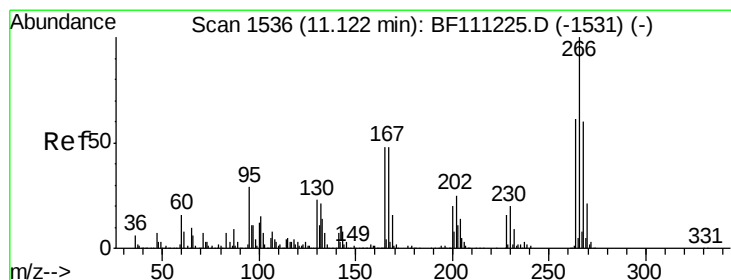
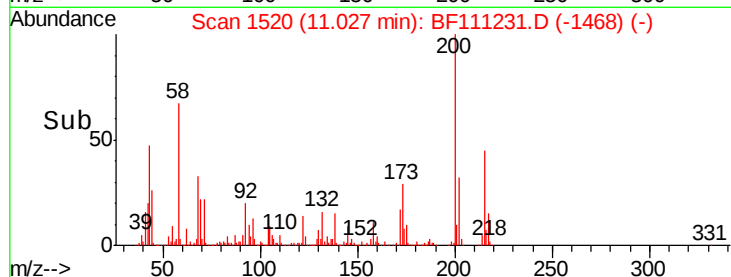
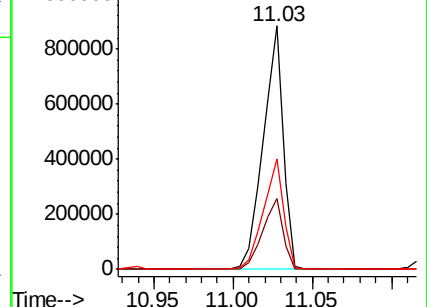
215 45.4 26.9 66.9



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: 38.745 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

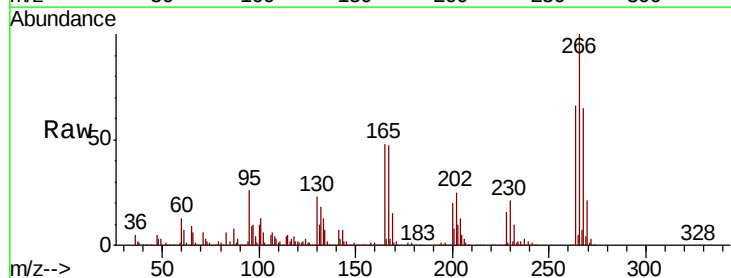
Tgt Ion:266 Resp: 620300

Ion Ratio Lower Upper

266 100

268 64.7 47.9 71.9

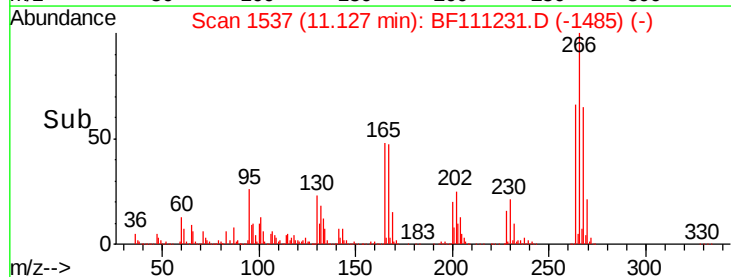
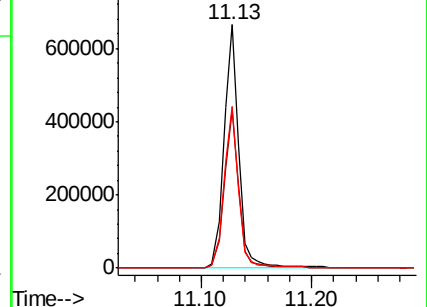
264 66.2 49.1 73.7

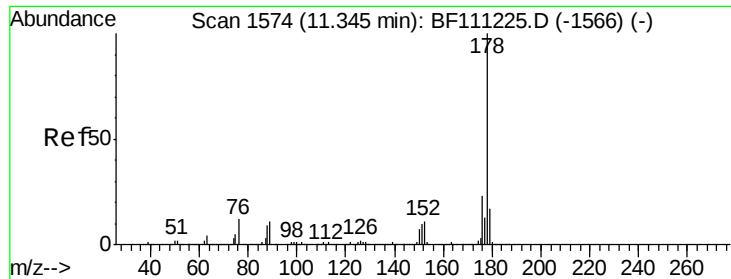


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

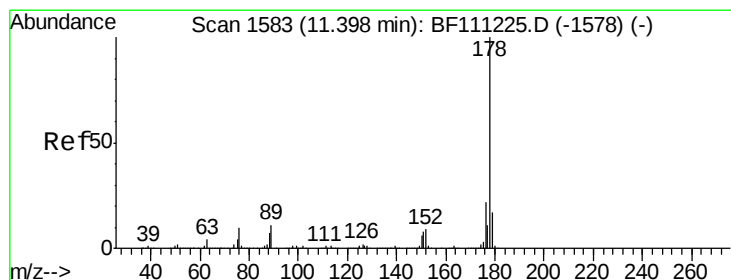
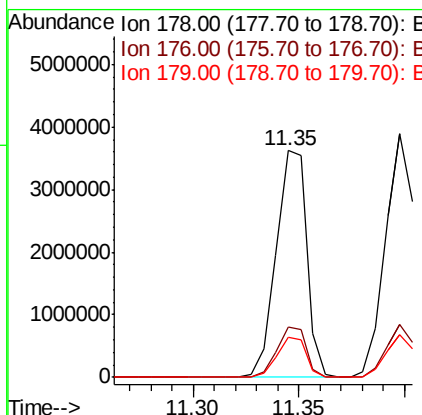
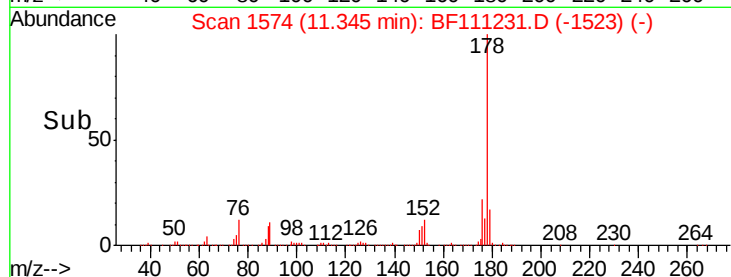
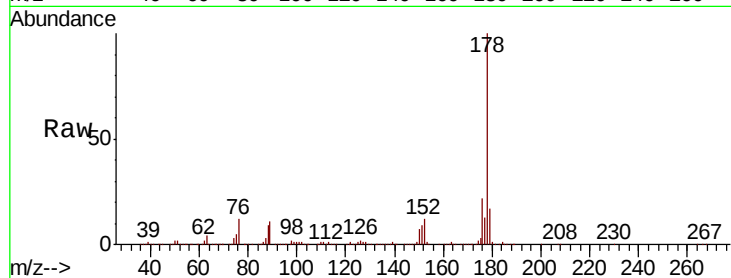




#71
Phenanthrene
Concen: 36.710 ng
RT: 11.35 min Scan# 1574
Delta R.T. 0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

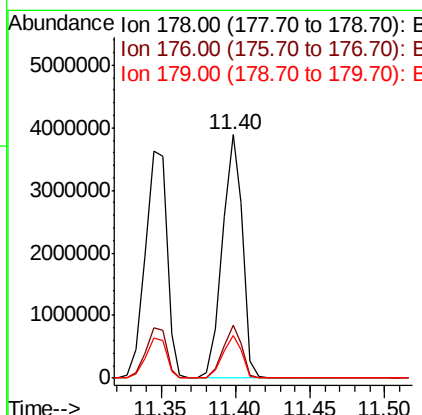
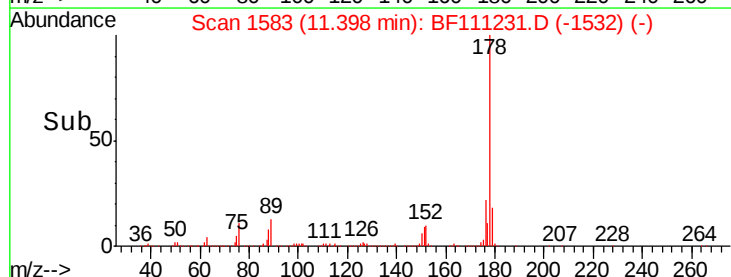
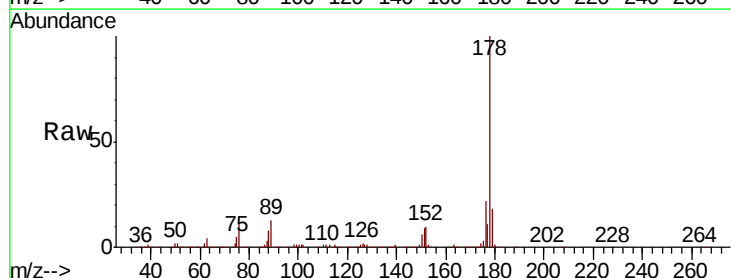
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

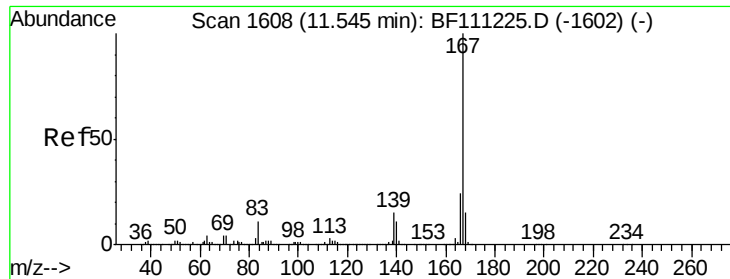
Tot Ion:178 Resp: 3667550
Ion Ratio Lower Upper
178 100
176 22.2 18.1 27.1
179 17.5 14.0 21.0



#72
Anthracene
Concen: 35.531 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt Ion:178 Resp: 3713808
Ion Ratio Lower Upper
178 100
176 22.0 17.2 25.8
179 17.7 13.8 20.8

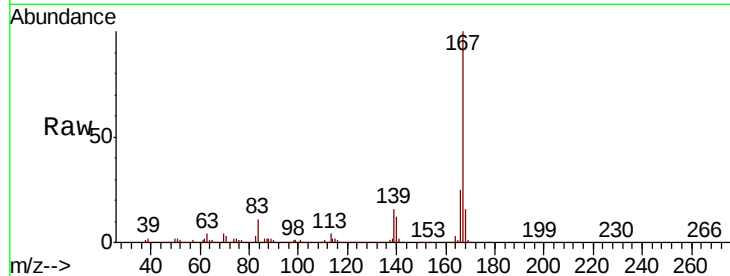




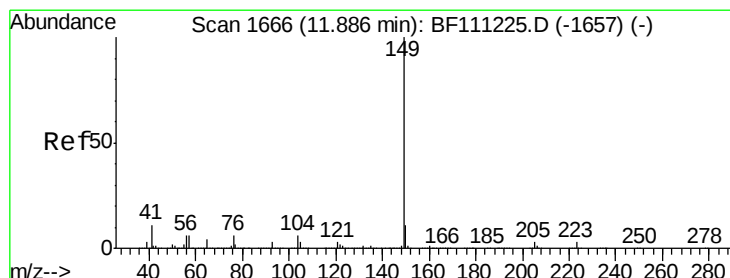
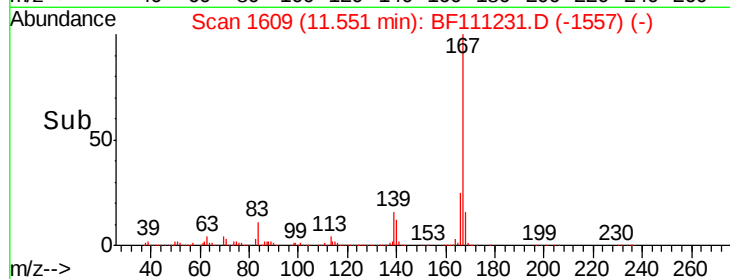
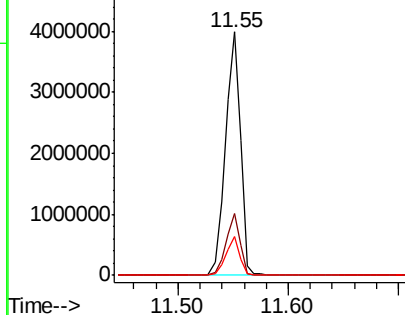
#73
 Carbazole
 Concen: 34.955 ng
 RT: 11.55 min Scan# 1609
 Delta R.T. 0.01 min
 Lab File: BF111231.D
 Acq: 10 Dec 2018 9:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:167 Resp: 3820393
 Ion Ratio Lower Upper
 167 100
 166 25.2 19.3 28.9
 139 15.7 11.9 17.9

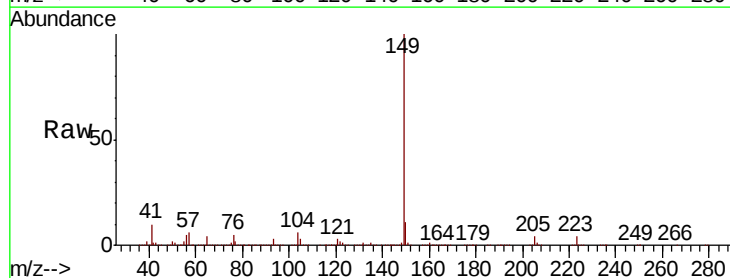


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

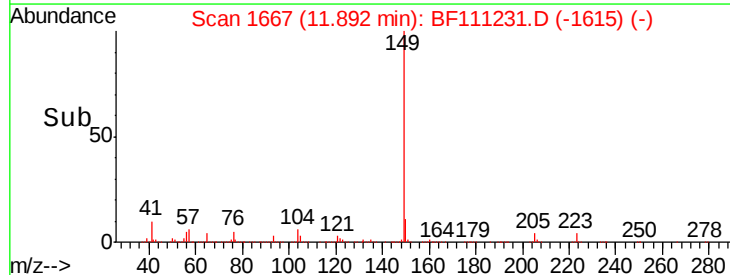
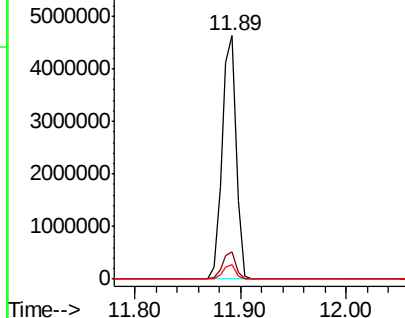


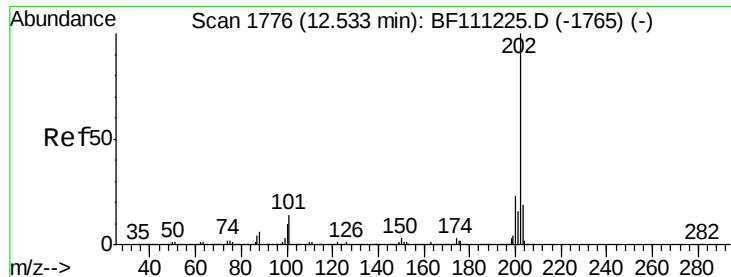
#74
 Di-n-butylphthalate
 Concen: 38.743 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111231.D
 Acq: 10 Dec 2018 9:53

Tgt Ion:149 Resp: 4352336
 Ion Ratio Lower Upper
 149 100
 150 11.1 8.8 13.2
 104 5.8 4.5 6.7



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 39.551 ng

RT: 12.53 min Scan# 1776

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

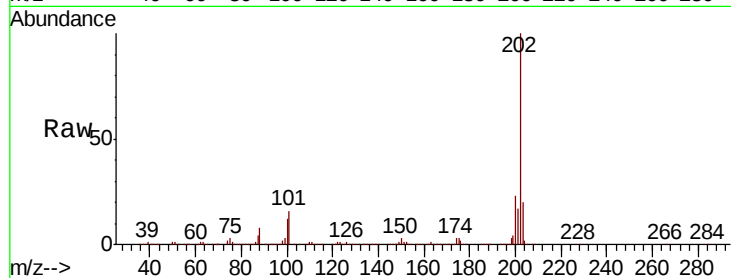
Tot Ion:202 Resp: 3609596

Ion Ratio Lower Upper

202 100

101 15.9 0.0 33.8

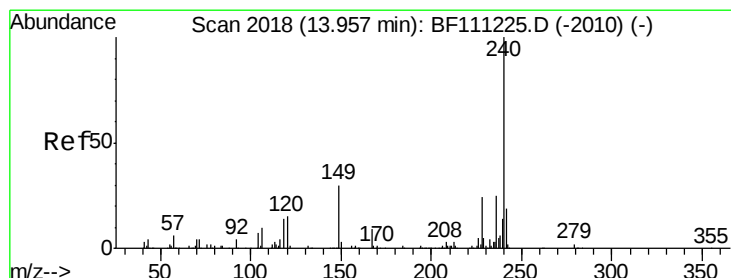
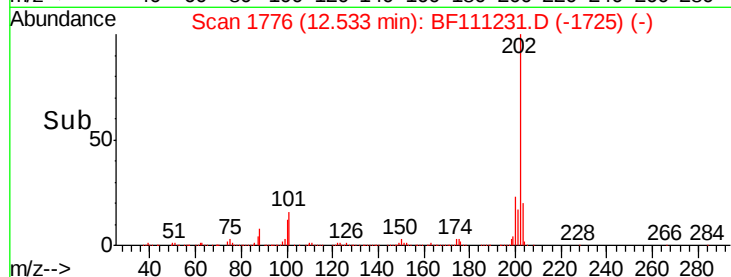
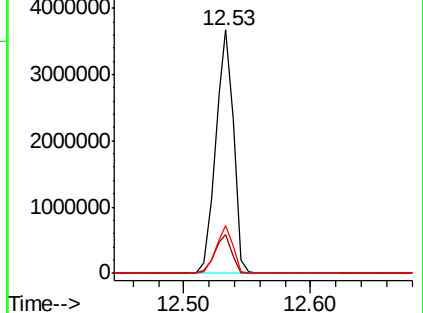
203 19.7 0.0 38.6



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: BF111231.D

Acq: 10 Dec 2018 9:53

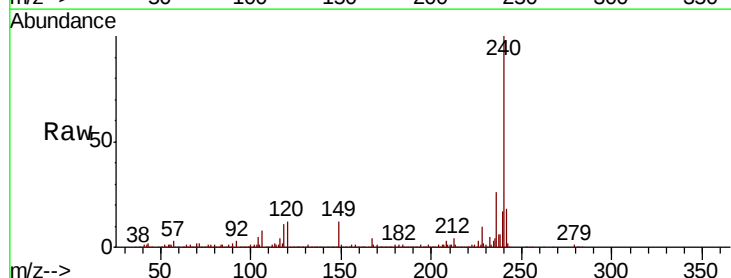
Tgt Ion:240 Resp: 1067068

Ion Ratio Lower Upper

240 100

120 12.0 12.2 18.2#

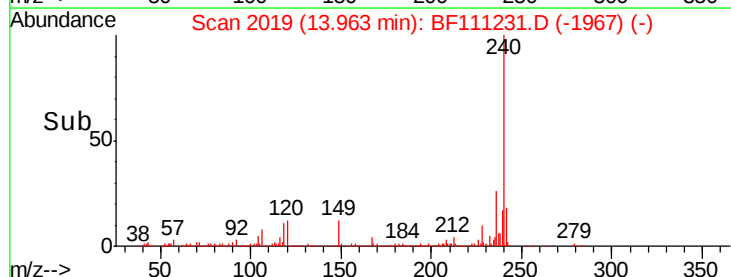
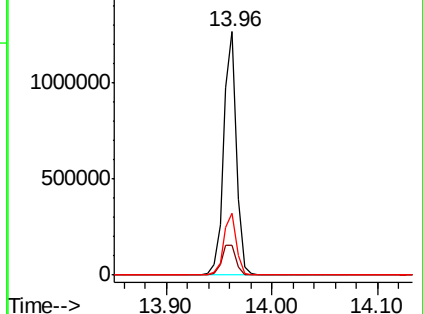
236 25.5 20.2 30.2

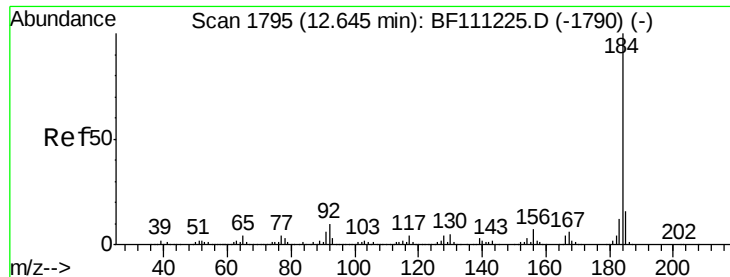


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 50.783 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

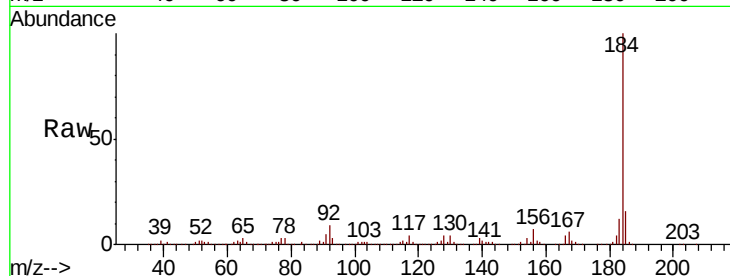
Tot Ion:184 Resp: 1609002

Ion	Ratio	Lower	Upper
184	100		
185	16.1	13.0	19.6
183	11.8	9.3	13.9

184 100

185 16.1 13.0 19.6

183 11.8 9.3 13.9

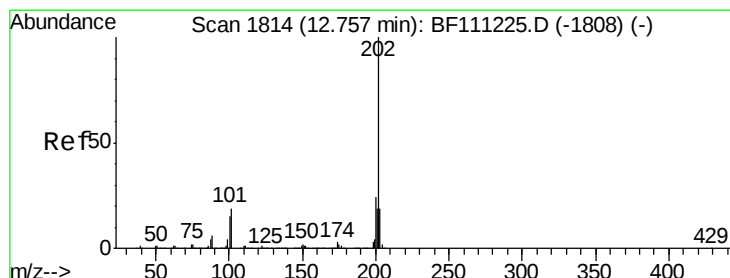
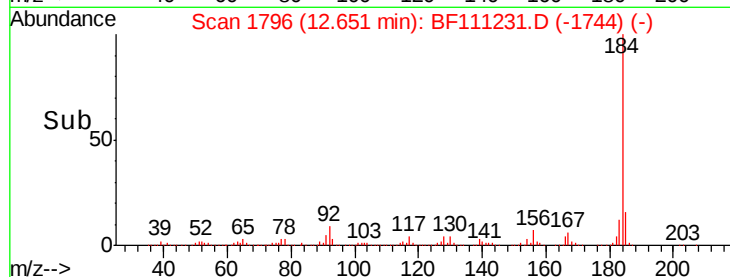
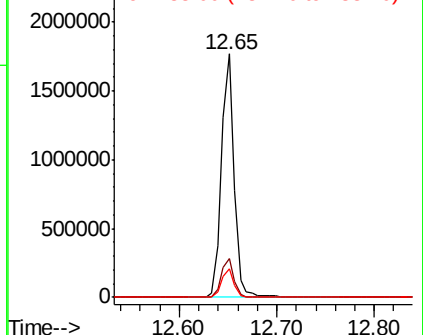


Abundance

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: 45.939 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

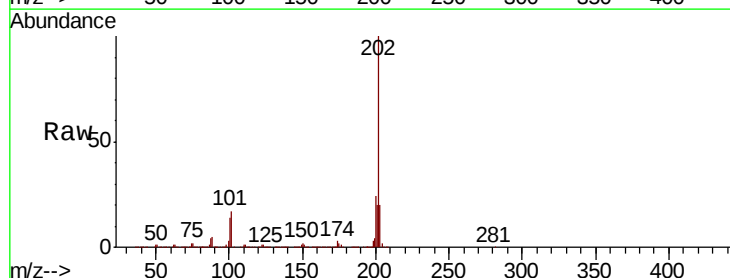
Tgt Ion:202 Resp: 3503018

Ion	Ratio	Lower	Upper
202	100		
200	24.2	19.0	28.4
203	20.1	15.2	22.8

202 100

200 24.2 19.0 28.4

203 20.1 15.2 22.8

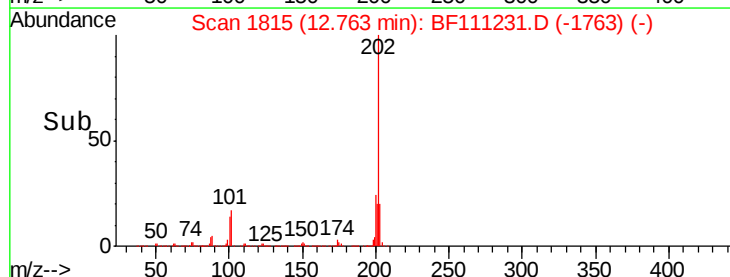
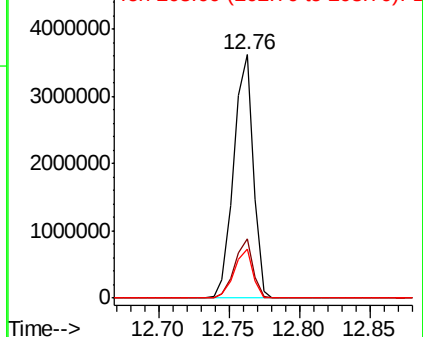


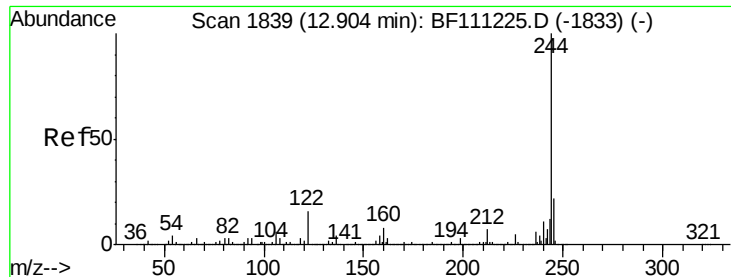
Abundance

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

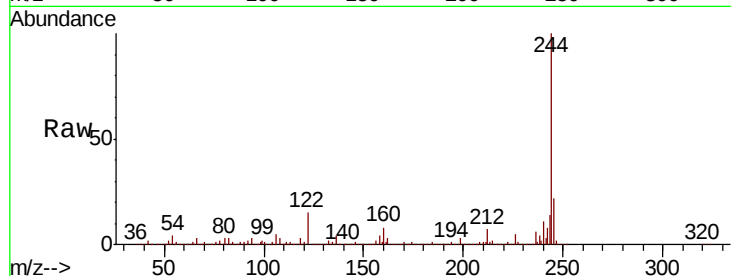




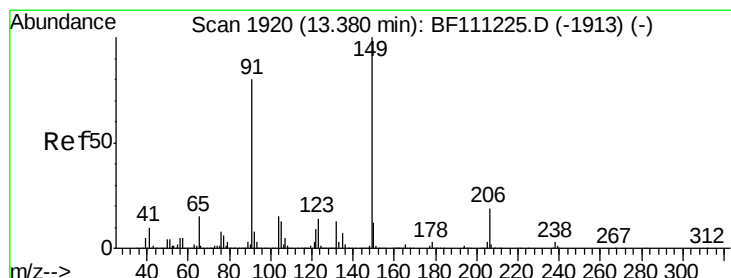
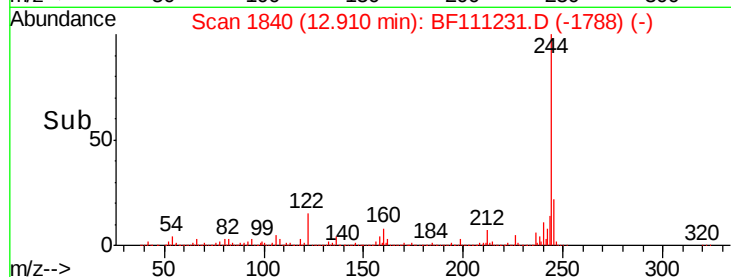
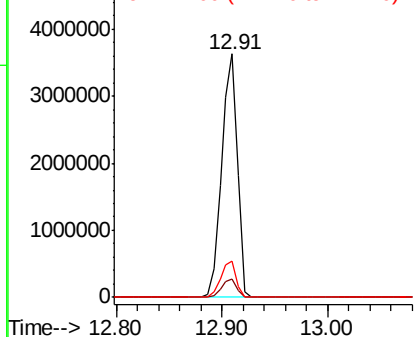
#79
 Terphenyl-d14
 Concen: 85.149 ng
 RT: 12.91 min Scan# 1840
 Delta R.T. 0.01 min
 Lab File: BF111231.D
 Acq: 10 Dec 2018 9:53

Instrument :
 BNA_F
 ClientSampleId :
 SSTDCCC040

Tot Ion:244 Resp: 3787965
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.7 8.5
 122 15.2 13.1 19.7

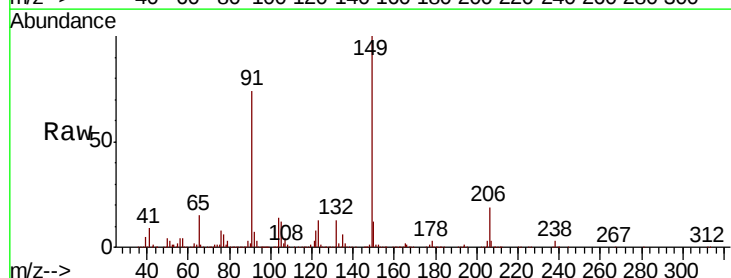


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

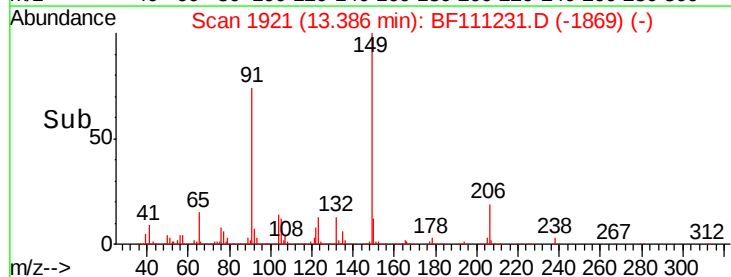
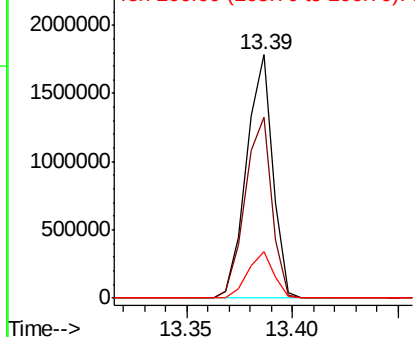


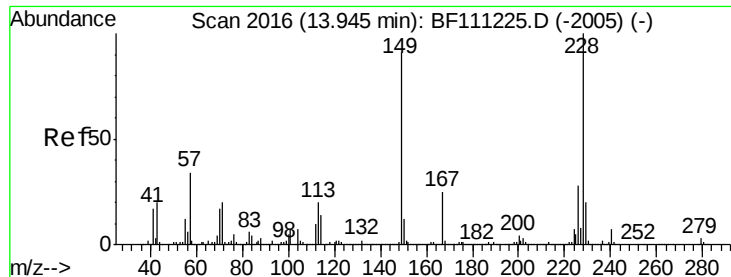
#80
 Butylbenzylphthalate
 Concen: 38.613 ng
 RT: 13.39 min Scan# 1921
 Delta R.T. 0.01 min
 Lab File: BF111231.D
 Acq: 10 Dec 2018 9:53

Tgt Ion:149 Resp: 1537891
 Ion Ratio Lower Upper
 149 100
 91 74.4 63.8 95.6
 206 19.2 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: 38.461 ng

RT: 13.94 min Scan# 2016

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

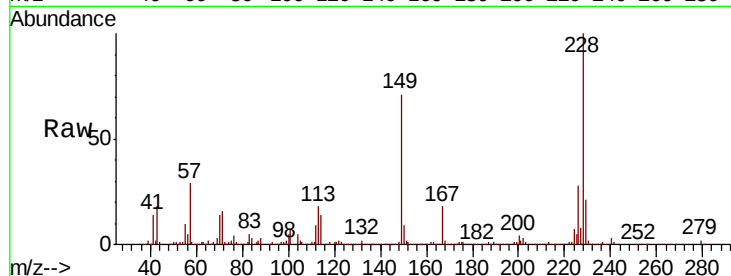
Tot Ion:228 Resp: 2289633

Ion Ratio Lower Upper

228 100

226 27.7 22.6 34.0

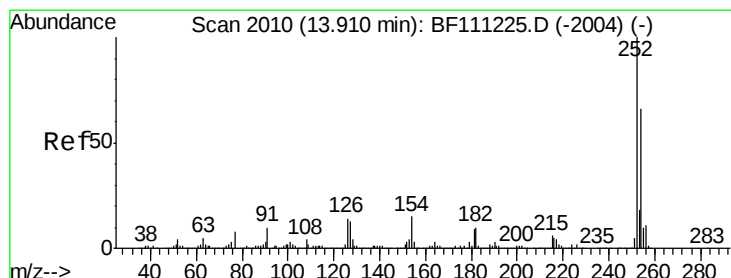
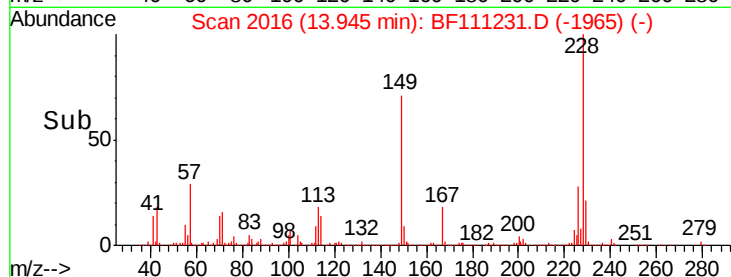
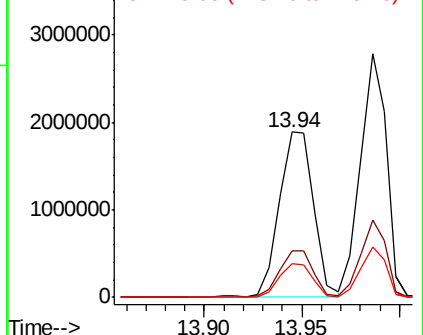
229 20.8 16.3 24.5



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: 37.883 ng

RT: 13.91 min Scan# 2010

Delta R.T. -0.00 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

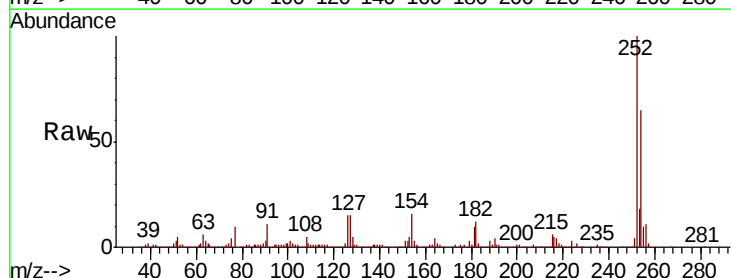
Tgt Ion:252 Resp: 924349

Ion Ratio Lower Upper

252 100

254 65.0 52.7 79.1

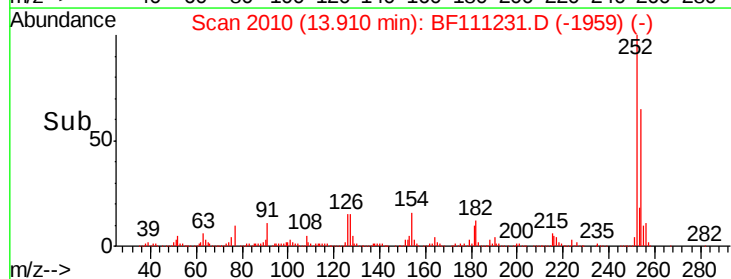
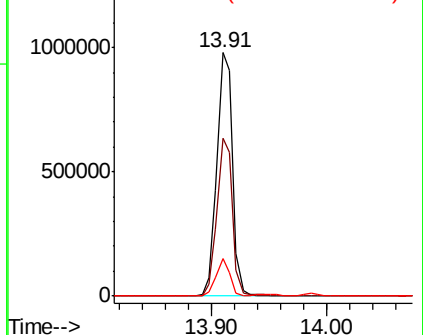
126 15.3 11.1 16.7

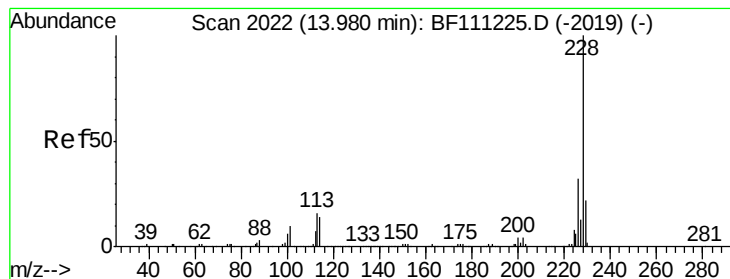


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrvsene

Concen: 41.972 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

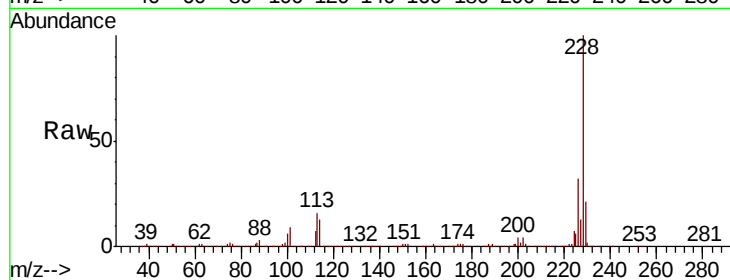
Tot Ion:228 Resp: 2575883

Ion Ratio Lower Upper

228 100

226 32.0 25.3 37.9

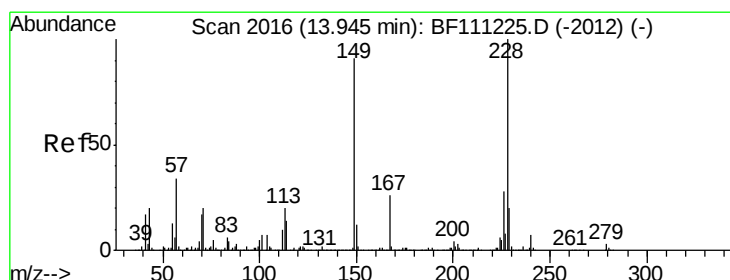
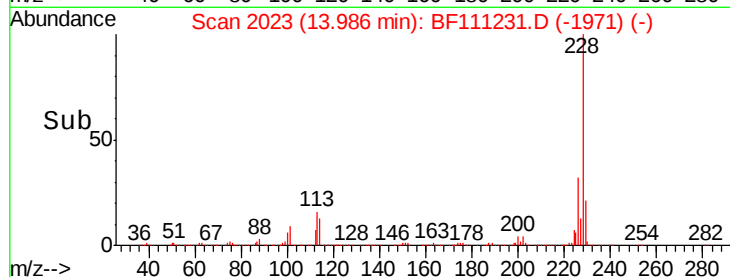
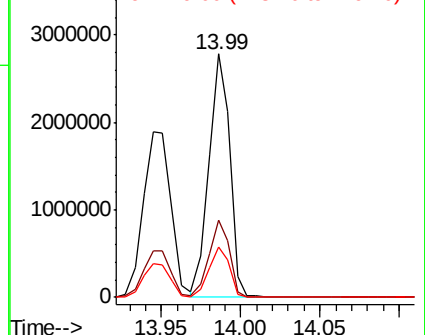
229 20.9 17.2 25.8



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: 39.908 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

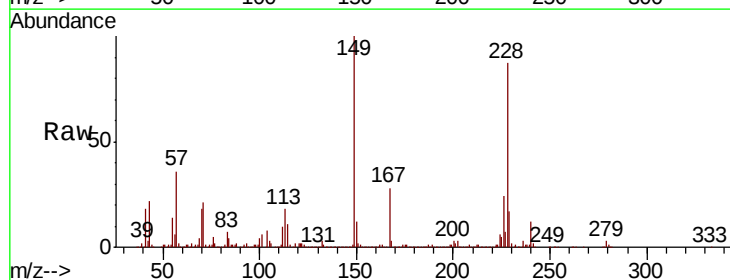
Tgt Ion:149 Resp: 1888726

Ion Ratio Lower Upper

149 100

167 28.0 22.5 33.7

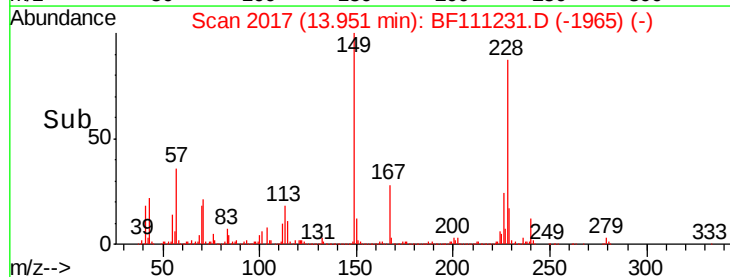
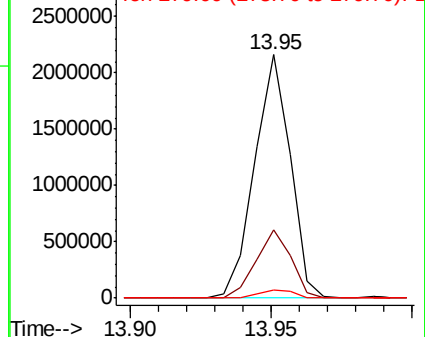
279 3.4 2.6 4.0

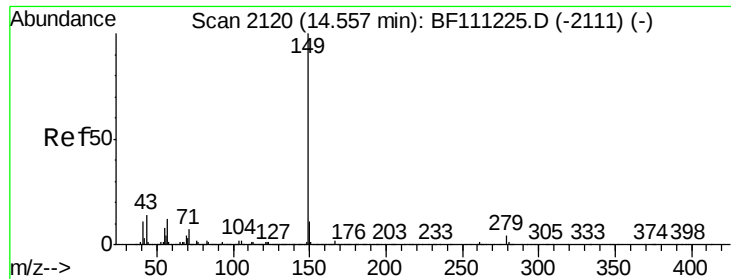


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 42.359 ng

RT: 14.56 min Scan# 2121

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

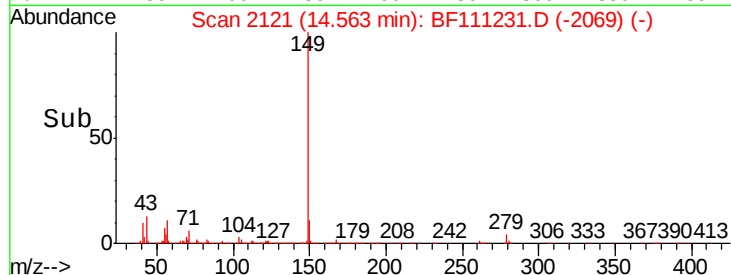
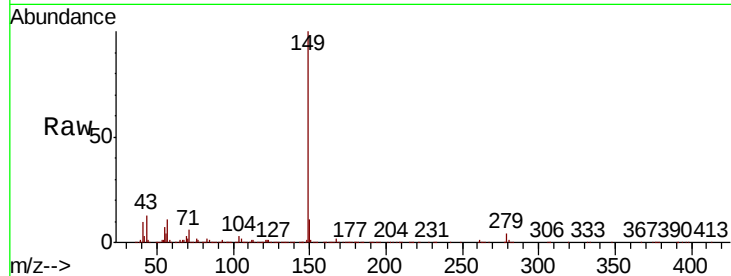
Tot Ion:149 Resp: 3360146

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

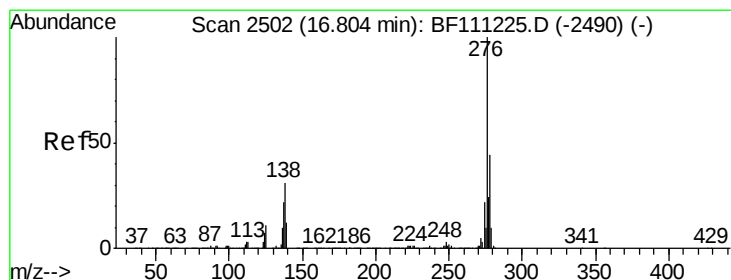
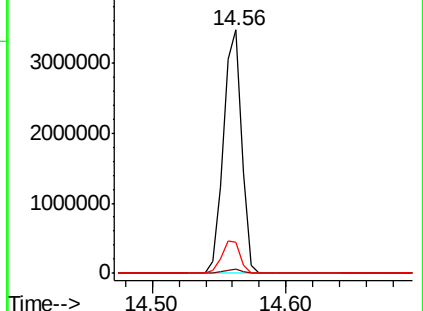
43 13.9 10.9 16.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 44.421 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

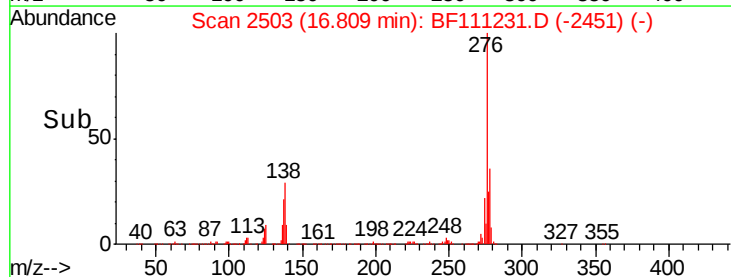
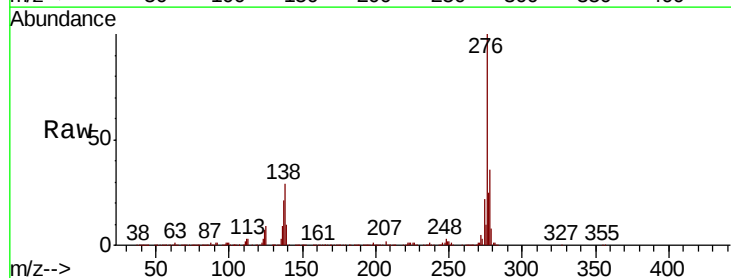
Tgt Ion:276 Resp: 2200640

Ion Ratio Lower Upper

276 100

138 33.4 27.8 41.6

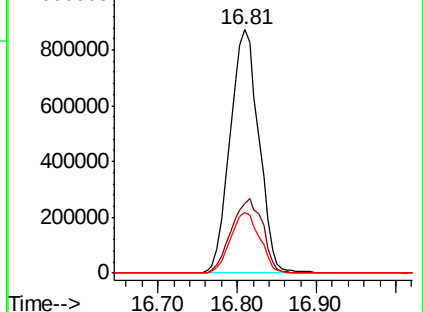
277 25.4 20.1 30.1

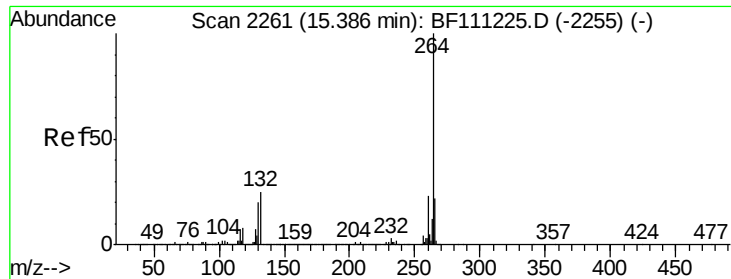


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



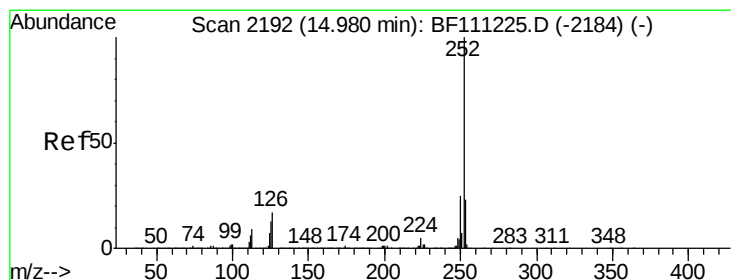
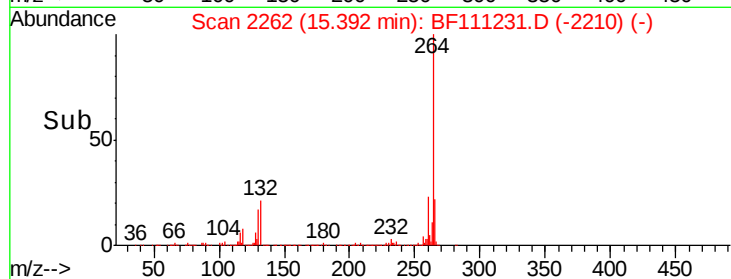
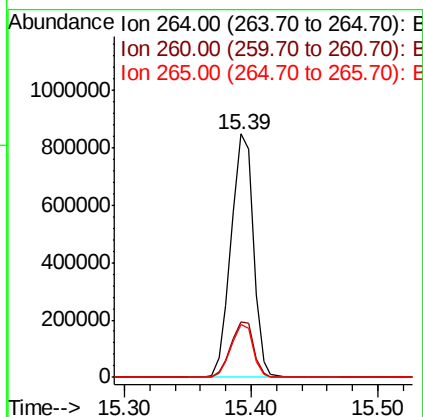
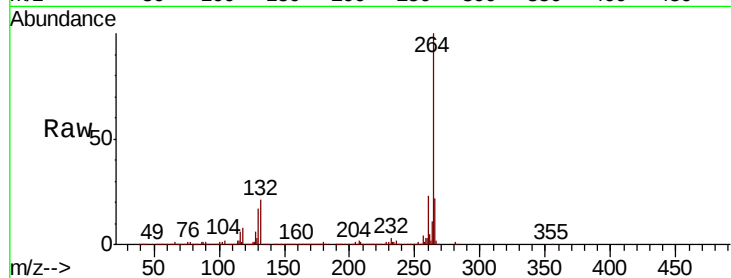


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.39 min Scan# 2262
Delta R.T. 0.01 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Tot Ion:264 Resp: 1032253

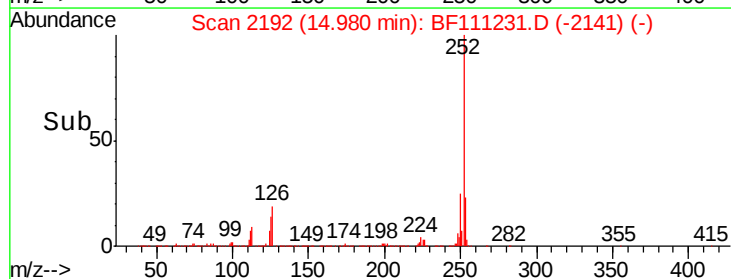
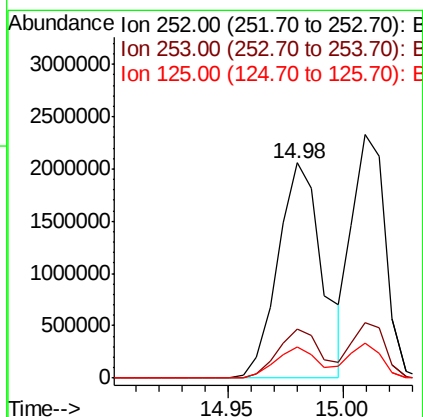
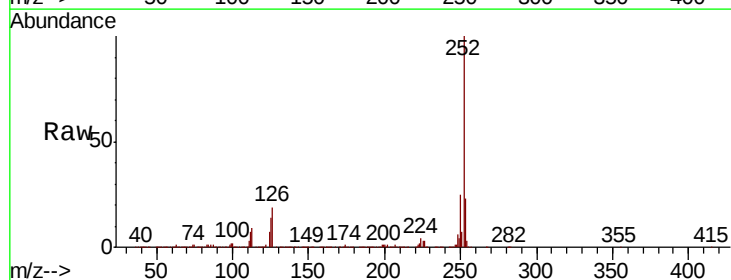
Ion	Ratio	Lower	Upper
264	100		
260	22.7	18.3	27.5
265	21.9	17.7	26.5

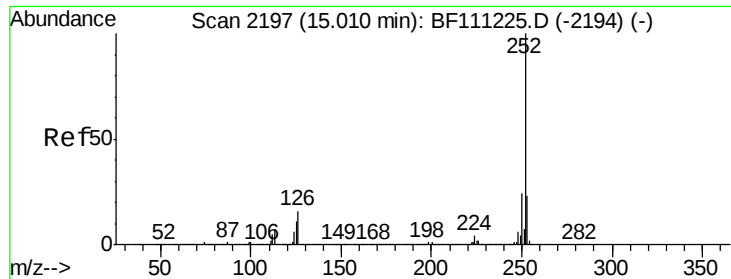


#88
Benzo(b)fluoranthene
Concen: 47.881 ng
RT: 14.98 min Scan# 2192
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt Ion:252 Resp: 2733351

Ion	Ratio	Lower	Upper
252	100		
253	22.6	18.2	27.2
125	14.4	10.4	15.6

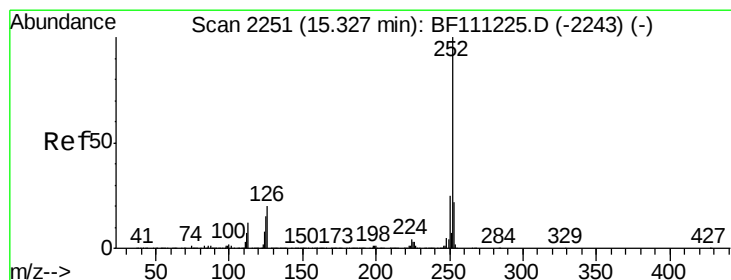
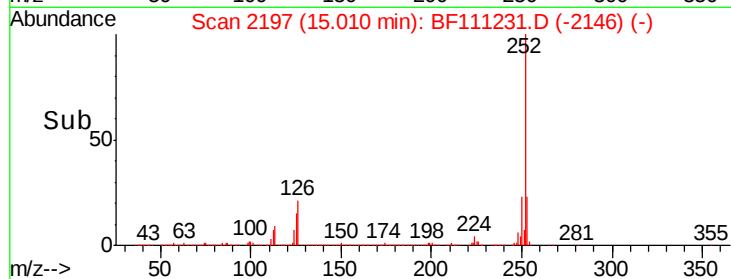
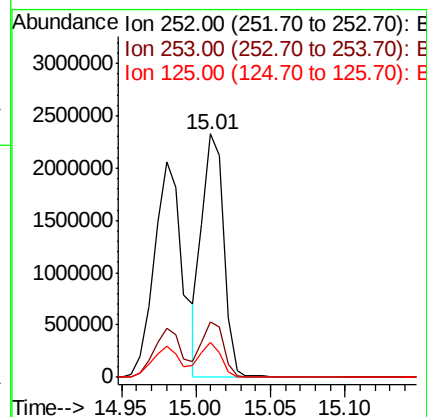
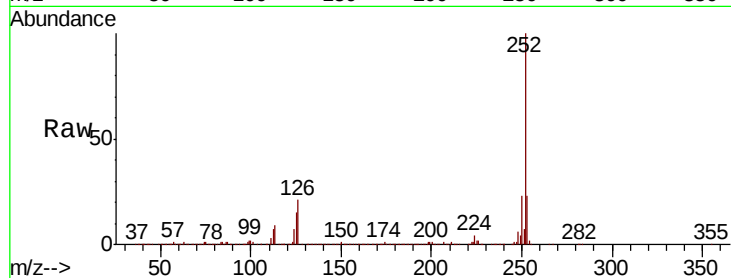




#89
Benzo(k)fluoranthene
Concen: 43.593 ng
RT: 15.01 min Scan# 2197
Delta R.T. -0.00 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

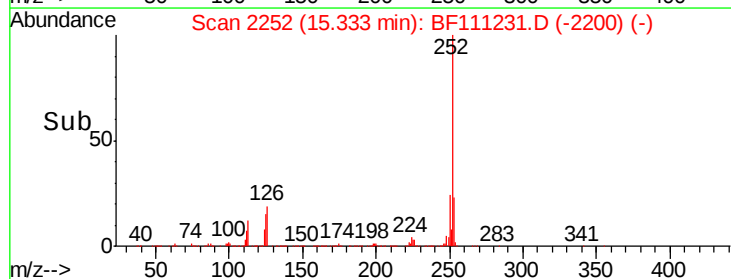
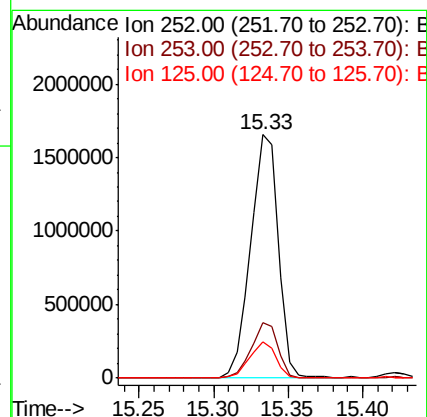
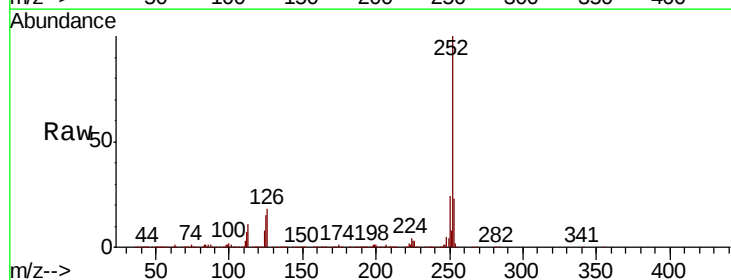
Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

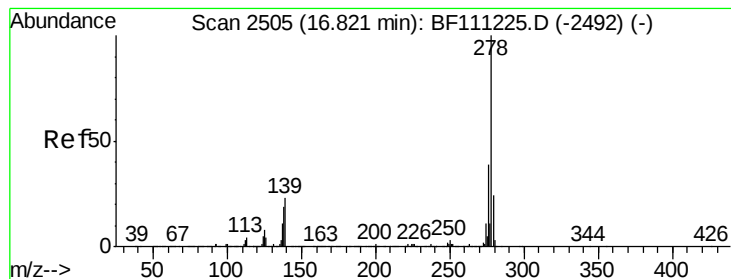
Tot Ion:252 Resp: 2339676
Ion Ratio Lower Upper
252 100
253 23.0 18.1 27.1
125 14.6 9.8 14.8



#90
Benzo(a)pyrene
Concen: 40.186 ng
RT: 15.33 min Scan# 2252
Delta R.T. 0.01 min
Lab File: BF111231.D
Acq: 10 Dec 2018 9:53

Tgt Ion:252 Resp: 2112545
Ion Ratio Lower Upper
252 100
253 22.9 17.8 26.8
125 15.0 12.3 18.5





#91

Dibenzo(a,h)anthracene

Concen: 44.951 ng

RT: 16.83 min Scan# 2506

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

Instrument :

BNA_F

ClientSampleId :

SSTDCCC040

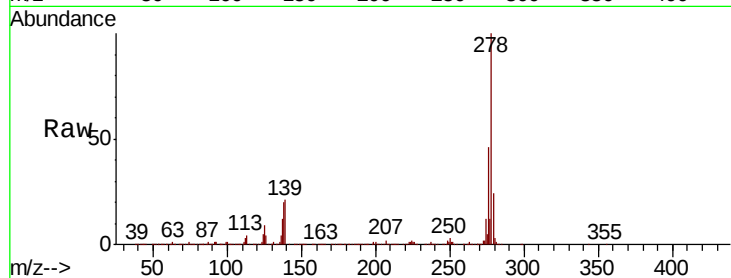
Tot Ion:278 Resp: 1856016

Ion Ratio Lower Upper

278 100

139 21.1 18.2 27.4

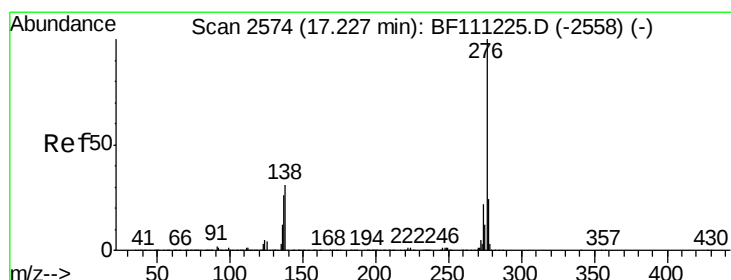
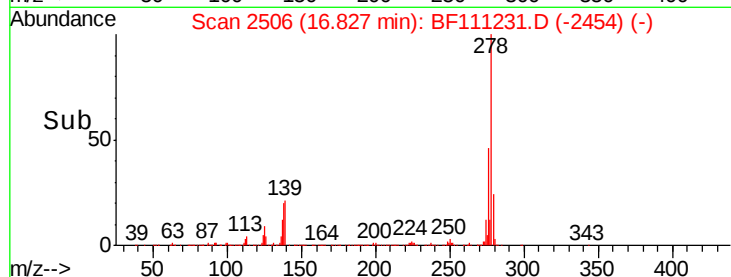
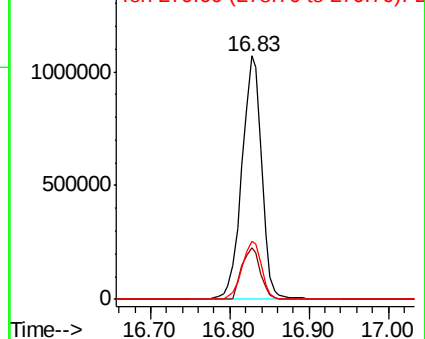
279 24.0 19.0 28.6



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: 49.459 ng

RT: 17.24 min Scan# 2576

Delta R.T. 0.01 min

Lab File: BF111231.D

Acq: 10 Dec 2018 9:53

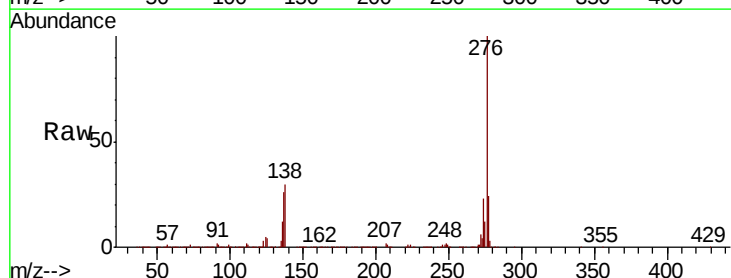
Tgt Ion:276 Resp: 2044288

Ion Ratio Lower Upper

276 100

277 23.7 19.2 28.8

138 30.5 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

