

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120818\
 Data File : BF111228.D
 Acq On : 8 Dec 2018 14:25
 Operator : JU/SJ
 Sample : SSTDICC080
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Quant Time: Dec 10 00:27:14 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 00:12:21 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	518424	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	2106656	20.00	ng	0.00
39) Acenaphthene-d10	9.84	164	962001	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	1601302	20.00	ng	0.00
76) Chrysene-d12	13.96	240	925571	20.00	ng	0.00
87) Perylene-d12	15.39	264	886023	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.42	112	4462412	134.41	ng	0.01
7) Phenol-d6	6.45	99	5698532	133.58	ng	0.01
23) Nitrobenzene-d5	7.37	82	5354253	149.98	ng	0.01
42) 2,4,6-Tribromophenol	10.63	330	1109626	143.46	ng	0.00
45) 2-Fluorobiphenyl	9.17	172	6801957	118.90	ng	0.00
79) Terphenyl-d14	12.91	244	5456981	122.91	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.53	88	1228095	65.522	ng	99
3) Pyridine	3.26	79	3405681	79.917	ng	100
4) n-Nitrosodimethylamine	3.22	42	1504002	73.203	ng	96
6) Aniline	6.47	93	4015445	70.580	ng	100
8) 2-Chlorophenol	6.60	128	2611235	68.351	ng	96
9) Benzaldehyde	6.35	77	1450119	61.106	ng	99
10) Phenol	6.46	94	3328477	70.824	ng	83
11) bis(2-Chloroethyl)ether	6.55	93	2683627	70.449	ng	96
12) 1,3-Dichlorobenzene	6.75	146	2805640	68.908	ng	98
13) 1,4-Dichlorobenzene	6.82	146	2792013	68.088	ng	97
14) 1,2-Dichlorobenzene	6.98	146	2464244	64.857	ng	96
15) Benzyl Alcohol	6.95	79	2256392	67.059	ng	96
16) 2,2'-oxybis(1-Chloropropan	7.09	45	4925907	67.009	ng	97
17) 2-Methylphenol	7.06	107	2284109	72.771	ng	98
18) Hexachloroethane	7.32	117	1094469	71.377	ng	93
19) n-Nitroso-di-n-propylamine	7.23	70	1996791	69.953	ng	97
20) 3+4-Methylphenols	7.22	107	2370976	62.417	ng	97
22) Acetophenone	7.22	105	3297274	65.181	ng	97
24) Nitrobenzene	7.39	77	2758005	71.922	ng	95
25) Isophorone	7.64	82	4842903	74.202	ng	99
26) 2-Nitrophenol	7.70	139	1504454	90.535	ng	98
27) 2,4-Dimethylphenol	7.75	122	2172363	71.308	ng	98
28) bis(2-Chloroethoxy)methane	7.84	93	3139578	71.022	ng	99
29) 2,4-Dichlorophenol	7.95	162	2188242	72.969	ng	99
30) 1,2,4-Trichlorobenzene	8.03	180	2145810	70.817	ng	99
31) Naphthalene	8.11	128	5948498	64.787	ng	# 93
32) Benzoic acid	7.90	122	2029540	97.411	ng	94
33) 4-Chloroaniline	8.16	127	3295377	74.482	ng	99
34) Hexachlorobutadiene	8.23	225	1155220	70.249	ng	98
35) Caprolactam	8.56	113	718663	65.150	ng	98
36) 4-Chloro-3-methylphenol	8.65	107	2318098	70.953	ng	99
37) 2-Methylnaphthalene	8.80	142	4071479	64.610	ng	97
38) 1-Methylnaphthalene	8.90	142	3891882	64.151	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1729633	67.370	ng	99

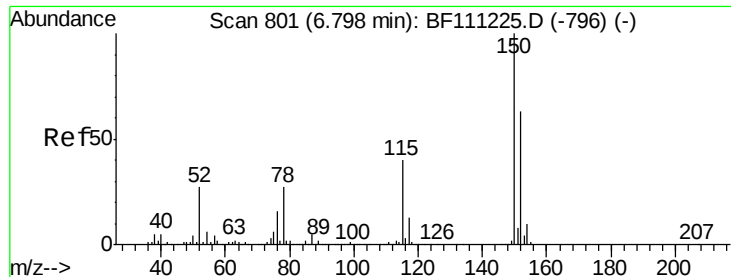
Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF120818\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1076240	78.650	ng	99
43) 2,4,6-Trichlorophenol	9.08	196	1390373	73.818	ng	99
44) 2,4,5-Trichlorophenol	9.12	196	1440395	75.247	ng	97
46) 1,1'-Biphenyl	9.27	154	4884504	62.148	ng	92
47) 2-Chloronaphthalene	9.29	162	4094079	66.957	ng	96
48) 2-Nitroaniline	9.39	65	1598977	79.938	ng	93
49) Acenaphthylene	9.70	152	5530599	64.681	ng	95
50) Dimethylphthalate	9.57	163	4509708	67.468	ng	98
51) 2,6-Dinitrotoluene	9.63	165	1160035	81.201	ng	# 85
52) Acenaphthene	9.88	154	3768232	66.537	ng	98
53) 3-Nitroaniline	9.80	138	1428215	79.576	ng	97
54) 2,4-Dinitrophenol	9.90	184	512229	120.821	ng	88
55) Dibenzofuran	10.05	168	4974689	63.957	ng	91
56) 4-Nitrophenol	9.96	139	1147321	84.356	ng	95
57) 2,4-Dinitrotoluene	10.03	165	1474020	79.451	ng	98
58) Fluorene	10.39	166	3498546	64.017	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	1071604	74.839	ng	97
60) Diethylphthalate	10.27	149	4440776	66.371	ng	97
61) 4-Chlorophenyl-phenylether	10.39	204	1783791	66.138	ng	98
62) 4-Nitroaniline	10.42	138	1401585	85.693	ng	98
63) Azobenzene	10.55	77	4526126	63.807	ng	95
65) 4,6-Dinitro-2-methylphenol	10.44	198	748951	105.636	ng	98
66) n-Nitrosodiphenylamine	10.50	169	3739645	66.785	ng	96
67) 4-Bromophenyl-phenylether	10.87	248	1203927	70.676	ng	99
68) Hexachlorobenzene	10.95	284	1234117	70.790	ng	97
69) Atrazine	11.03	200	1056906	69.360	ng	100
70) Pentachlorophenol	11.13	266	930292	80.299	ng	97
71) Phenanthrene	11.35	178	5053763	65.670	ng	96
72) Anthracene	11.40	178	5020842	64.706	ng	95
73) Carbazole	11.56	167	5363394	66.325	ng	96
74) Di-n-butylphthalate	11.89	149	5793931	61.257	ng	96
75) Fluoranthene	12.54	202	4931664	65.260	ng	98
77) Benzidine	12.65	184	1969518	62.733	ng	95
78) Pyrene	12.76	202	5036494	70.583	ng	96
80) Butylbenzylphthalate	13.39	149	2661298	76.994	ng	97
81) Benzo(a)anthracene	13.95	228	3624845	67.498	ng	99
82) 3,3'-Dichlorobenzidine	13.92	252	1400552	68.267	ng	99
83) Chrysene	13.99	228	3744046	69.665	ng	97
84) Bis(2-ethylhexyl)phthalate	13.95	149	2945455	70.843	ng	97
85) Di-n-octyl phthalate	14.56	149	4789771	72.159	ng	97
86) Indeno(1,2,3-cd)pyrene	16.81	276	3711060	85.592	ng	99
88) Benzo(b)fluoranthene	14.99	252	3735558	74.433	ng	100
89) Benzo(k)fluoranthene	15.02	252	3142438	65.046	ng	99
90) Benzo(a)pyrene	15.34	252	3346151	72.774	ng	99
91) Dibenzo(a,h)anthracene	16.83	278	2981083	77.360	ng	98
92) Benzo(g,h,i)perylene	17.24	276	3199548	82.604	ng	96

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

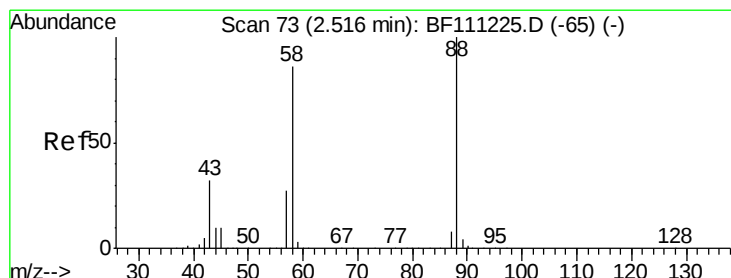
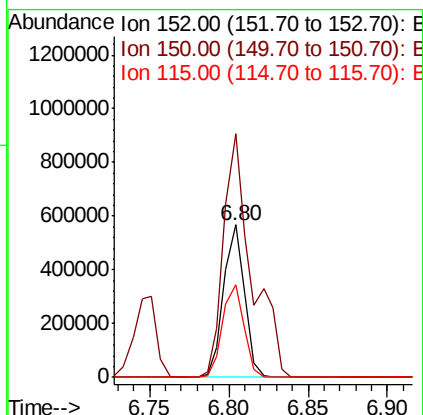
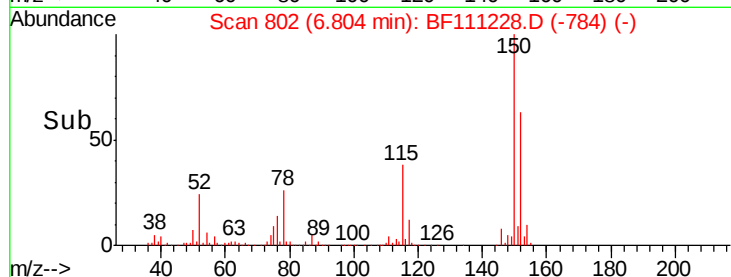
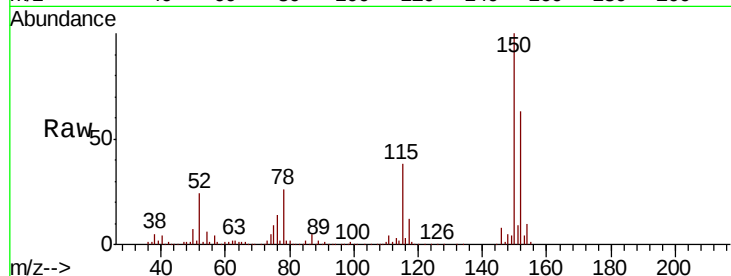


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

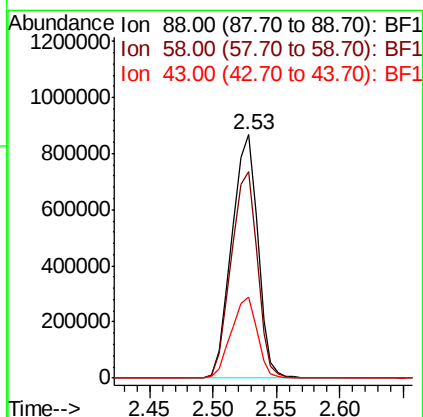
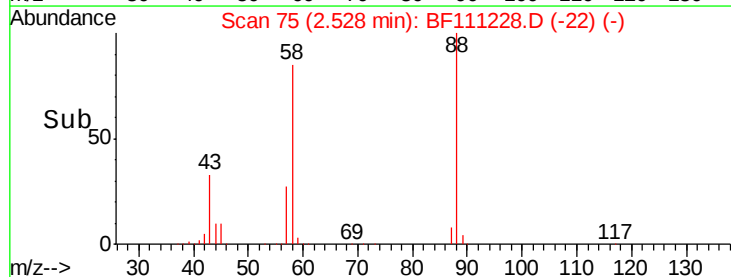
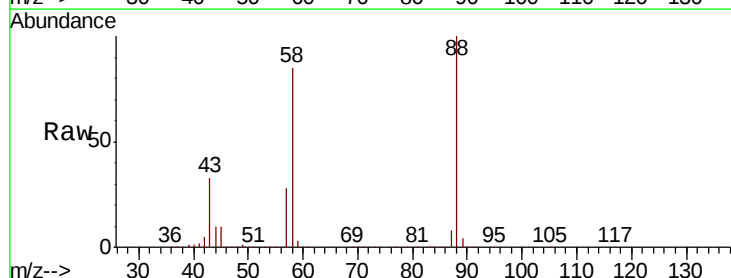
Tgt Ion: 152 Resp: 518424
Ion Ratio Lower Upper
152 100
150 159.7 126.6 189.8
115 61.0 50.7 76.1

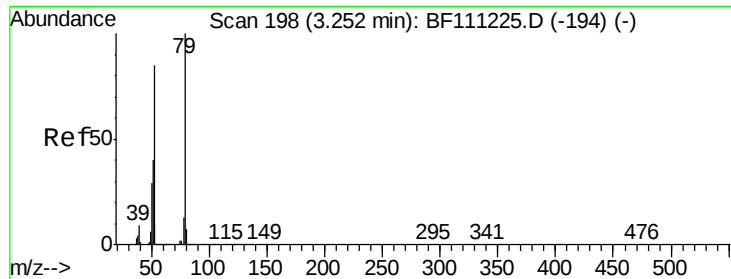


#2

1,4-Dioxane
Concen: 65.522 ng
RT: 2.53 min Scan# 75
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Tgt Ion: 88 Resp: 1228095
Ion Ratio Lower Upper
88 100
58 85.6 68.9 103.3
43 33.0 25.8 38.6





#3

Pyridine

Concen: 79.917 ng

RT: 3.26 min Scan# 199

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

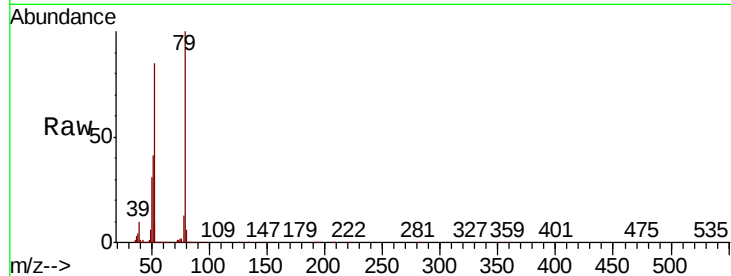
Tgt Ion: 79 Resp: 3405681

Ion Ratio Lower Upper

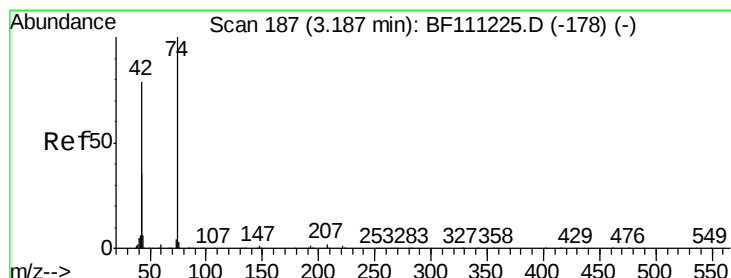
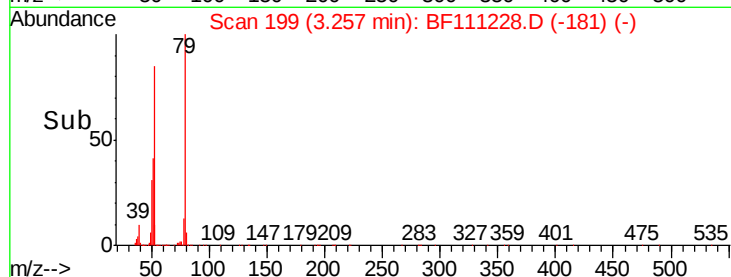
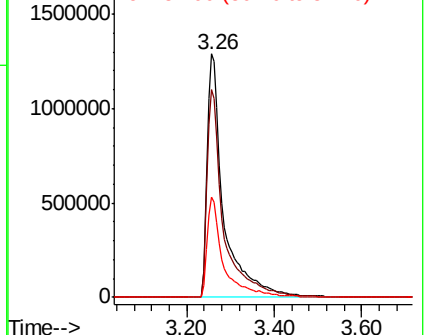
79 100

52 85.5 68.3 102.5

51 41.0 32.6 49.0



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



#4

n-Nitrosodimethylamine

Concen: 73.203 ng

RT: 3.22 min Scan# 192

Delta R.T. 0.03 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

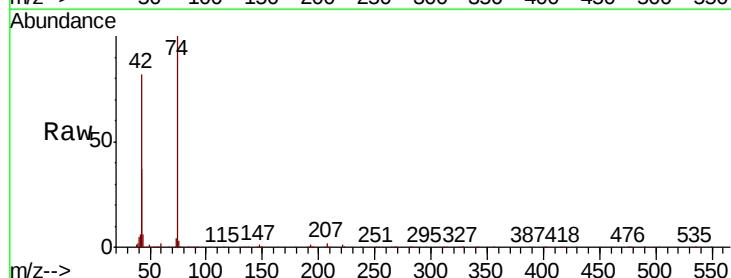
Tgt Ion: 42 Resp: 1504002

Ion Ratio Lower Upper

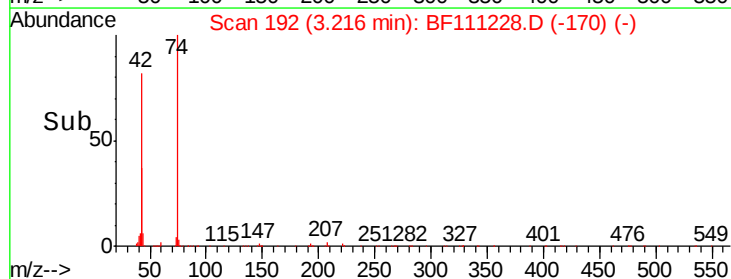
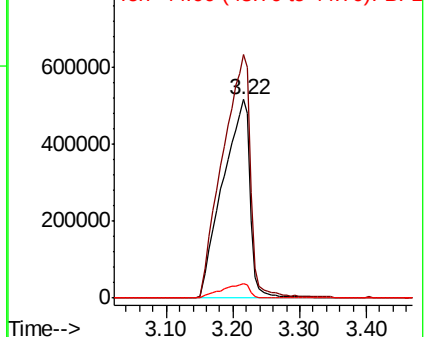
42 100

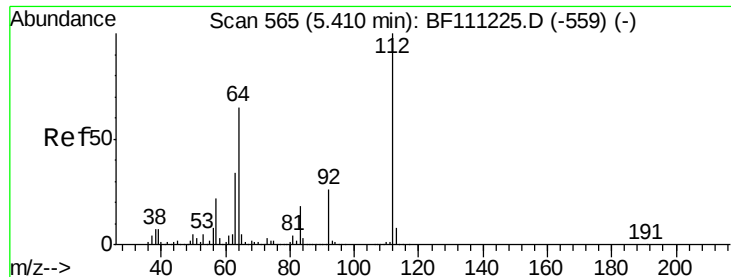
74 122.5 101.5 152.3

44 7.3 6.0 9.0



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





#5

2-Fluorophenol

Concen: 134.409 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

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ClientSampleId :

SSTDICC080

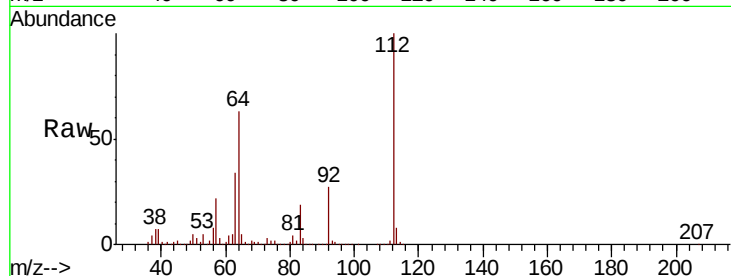
Tgt Ion:112 Resp: 4462412

Ion Ratio Lower Upper

112 100

64 63.1 51.8 77.6

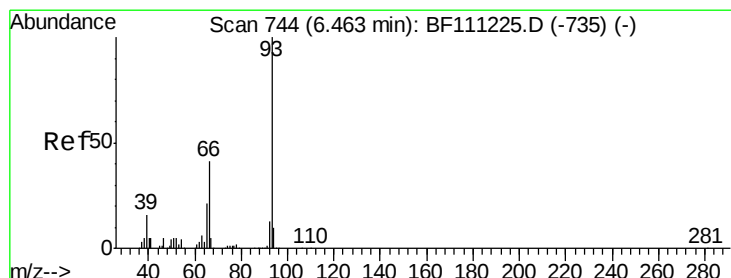
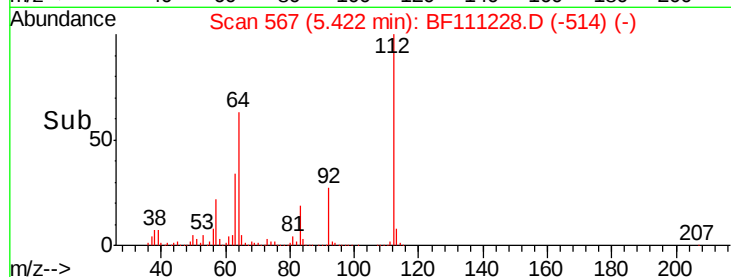
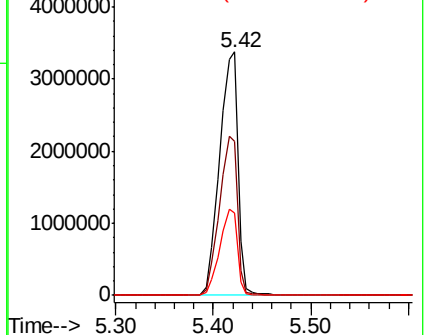
63 34.0 26.8 40.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 70.580 ng

RT: 6.47 min Scan# 746

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

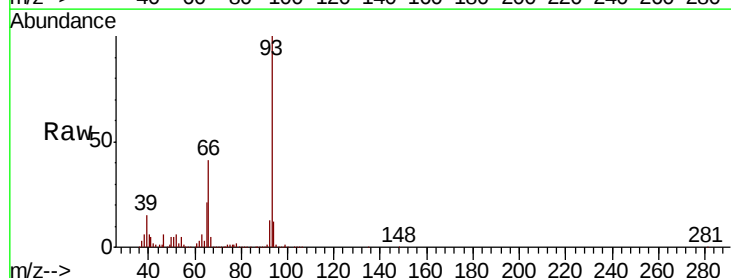
Tgt Ion: 93 Resp: 4015445

Ion Ratio Lower Upper

93 100

66 41.4 33.2 49.8

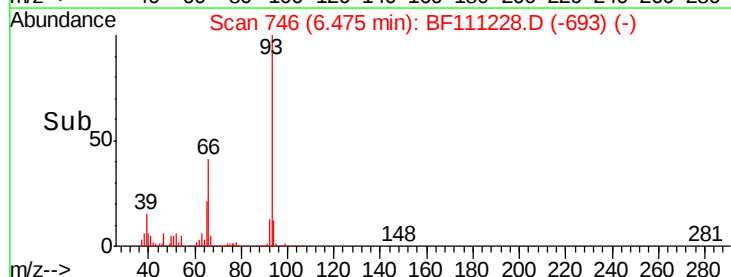
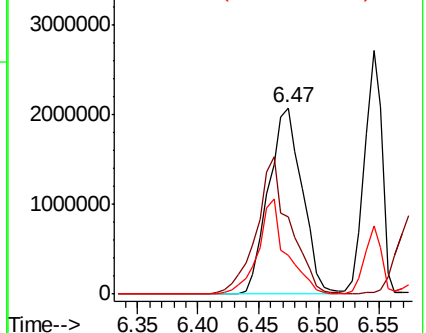
65 21.2 17.0 25.4

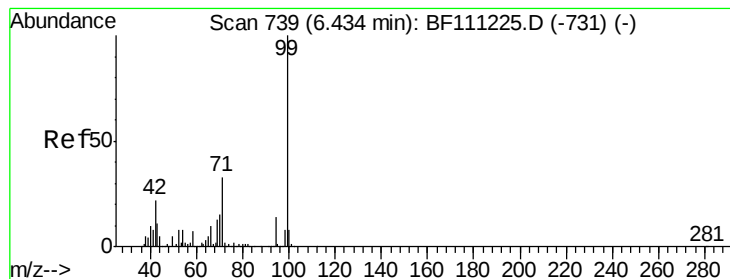


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 133.585 ng

RT: 6.45 min Scan# 741

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

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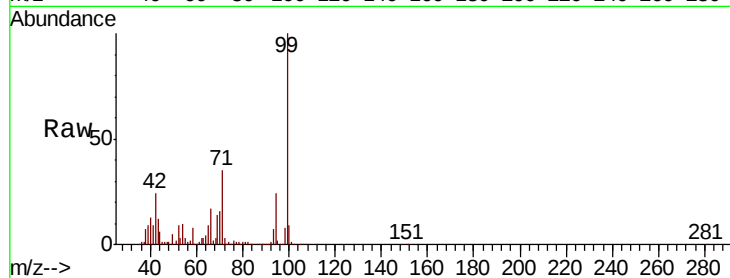
Tgt Ion: 99 Resp: 5698532

Ion Ratio Lower Upper

99 100

42 24.1 17.4 26.0

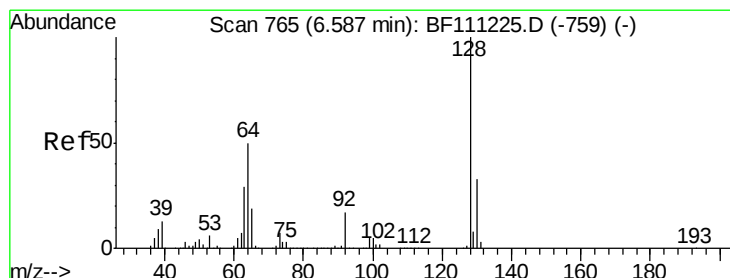
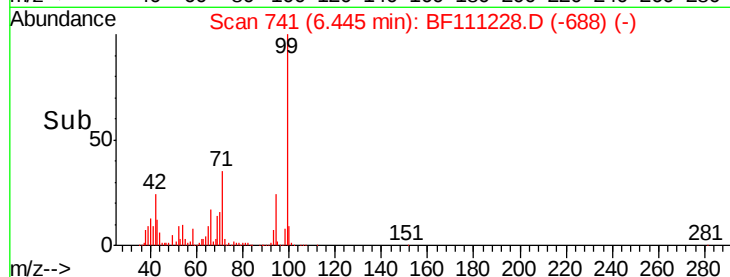
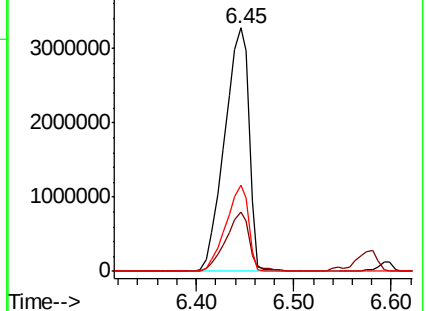
71 35.3 26.1 39.1



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: 68.351 ng

RT: 6.60 min Scan# 767

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

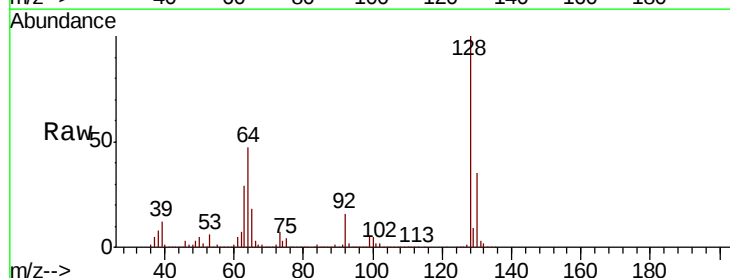
Tgt Ion: 128 Resp: 2611235

Ion Ratio Lower Upper

128 100

130 34.6 12.7 52.7

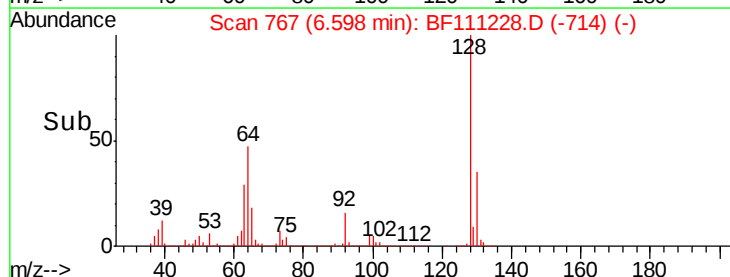
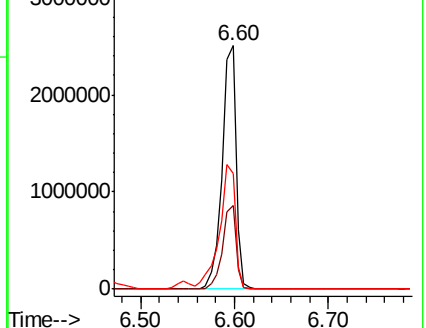
64 47.5 30.0 70.0

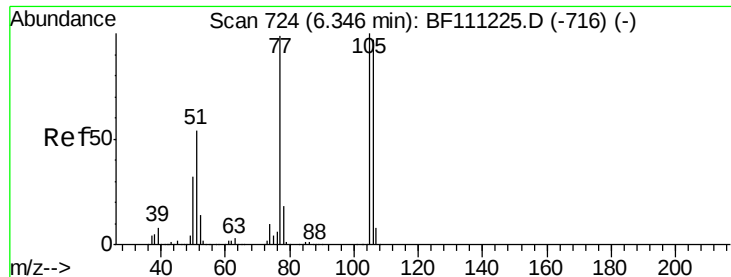


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 61.106 ng

RT: 6.35 min Scan# 725

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

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BNA_F

ClientSampleId :

SSTDICC080

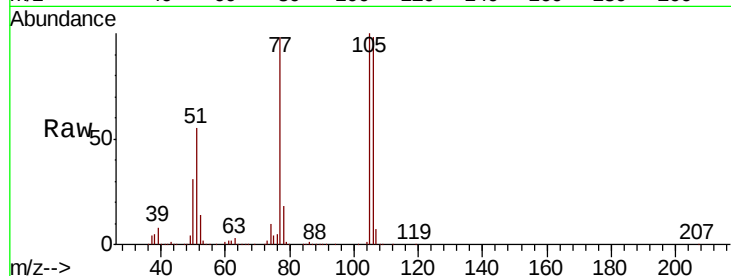
Tgt Ion: 77 Resp: 1450119

Ion Ratio Lower Upper

77 100

105 101.6 81.4 121.4

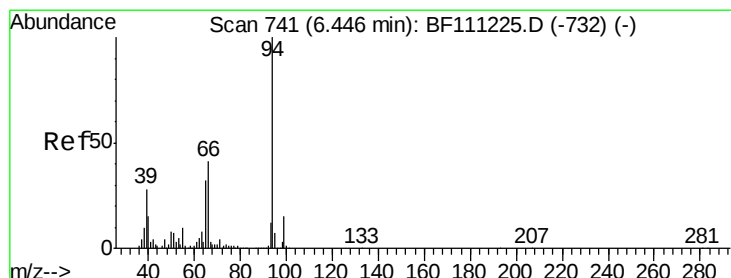
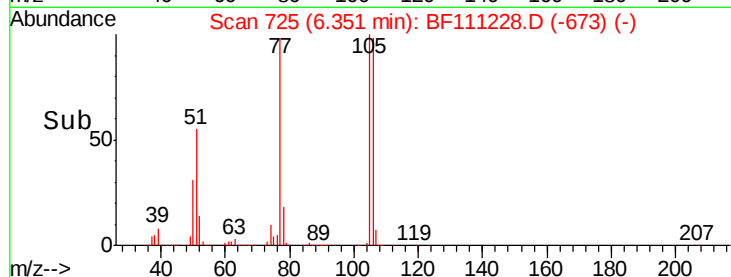
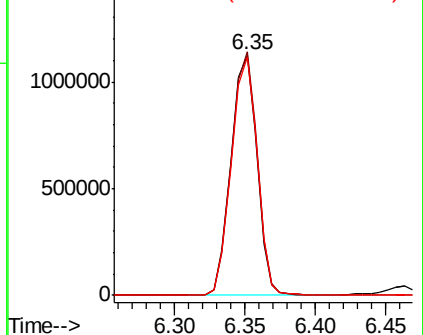
106 99.7 77.9 117.9



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: 70.824 ng

RT: 6.46 min Scan# 744

Delta R.T. 0.02 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

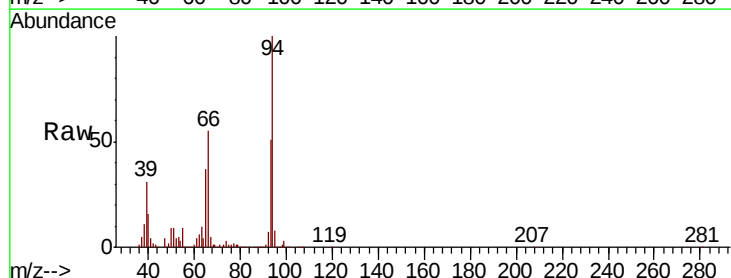
Tgt Ion: 94 Resp: 3328477

Ion Ratio Lower Upper

94 100

65 37.5 11.7 51.7

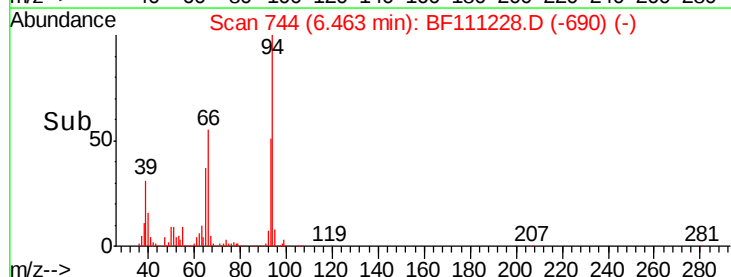
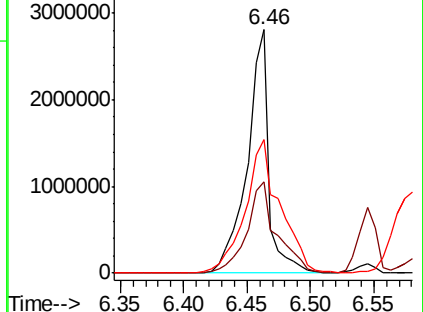
66 54.6 21.0 61.0

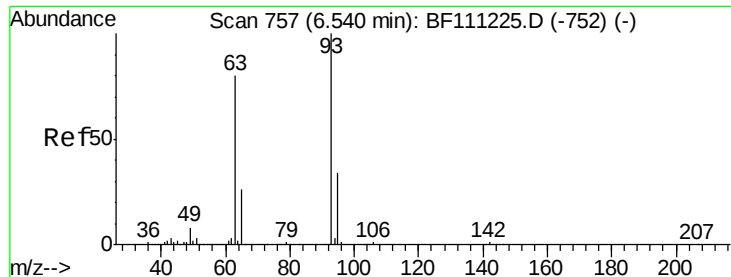


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#11

bis(2-Chloroethyl)ether

Concen: 70.449 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

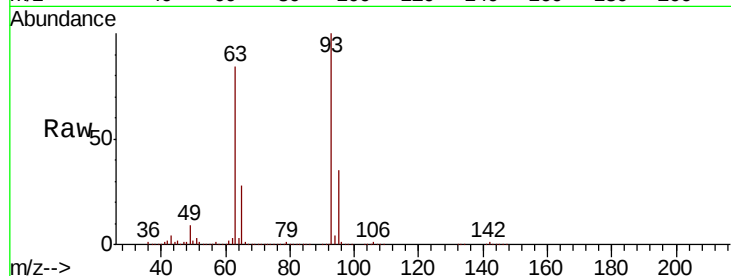
Tgt Ion: 93 Resp: 2683627

Ion Ratio Lower Upper

93 100

63 84.3 60.0 100.0

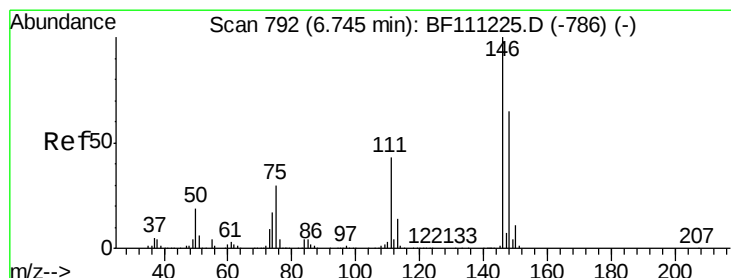
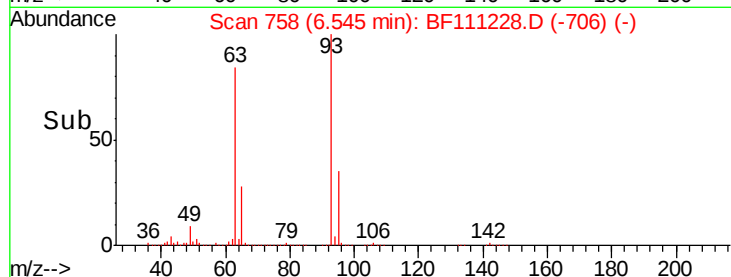
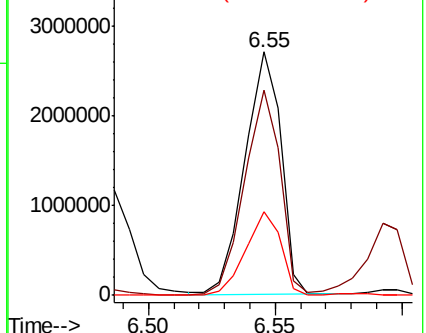
95 34.5 13.4 53.4



Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1



#12

1,3-Dichlorobenzene

Concen: 68.908 ng

RT: 6.75 min Scan# 793

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

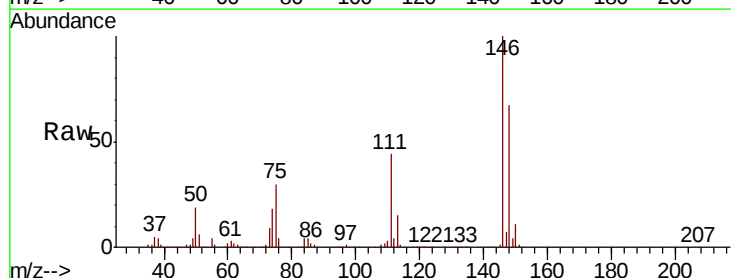
Tgt Ion: 146 Resp: 2805640

Ion Ratio Lower Upper

146 100

148 67.4 52.1 78.1

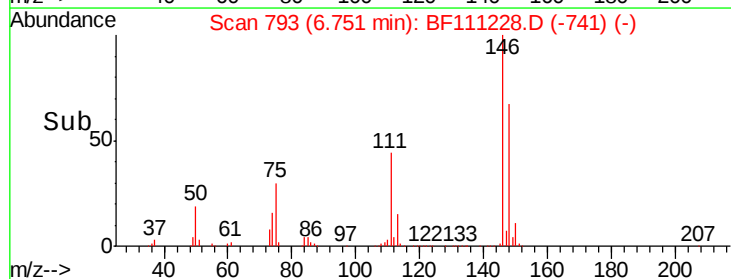
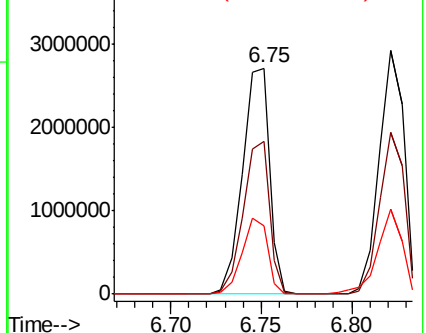
75 30.0 23.9 35.9

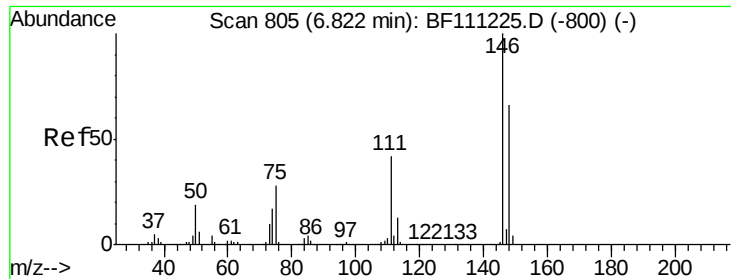


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1

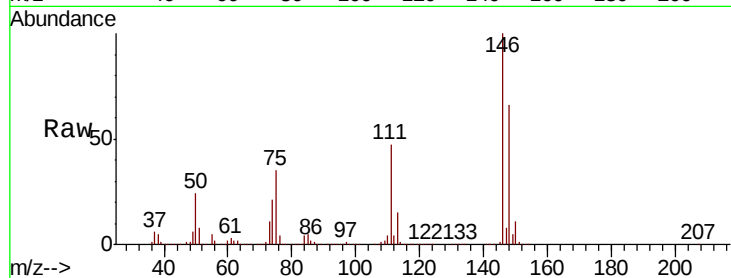




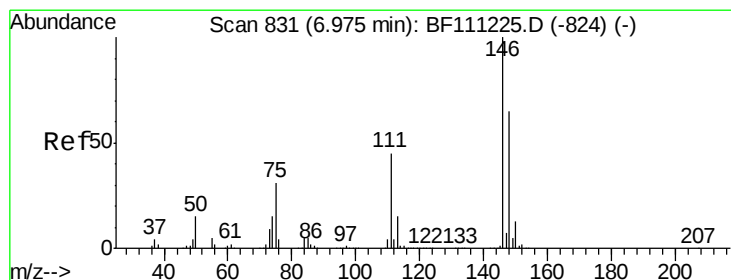
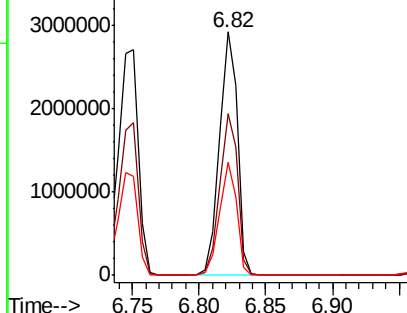
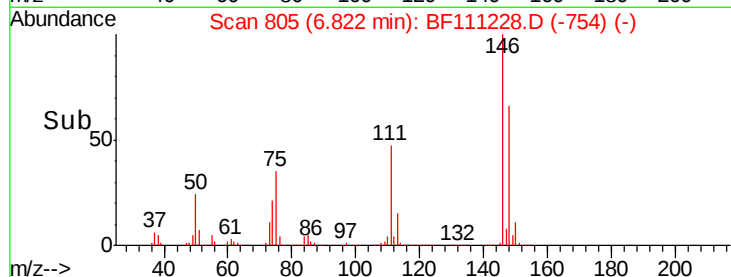
#13
 1,4-Dichlorobenzene
 Concen: 68.088 ng
 RT: 6.82 min Scan# 805
 Delta R.T. -0.00 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:146 Resp: 2792013
 Ion Ratio Lower Upper
 146 100
 148 66.3 52.8 79.2
 111 46.5 33.4 50.0

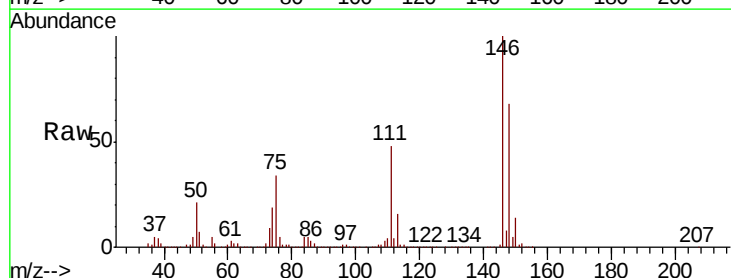


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

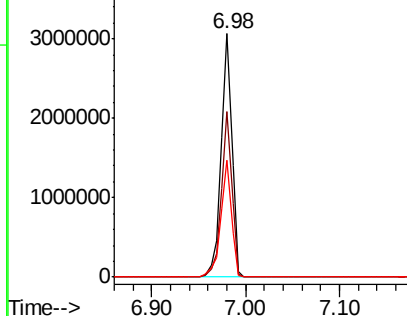
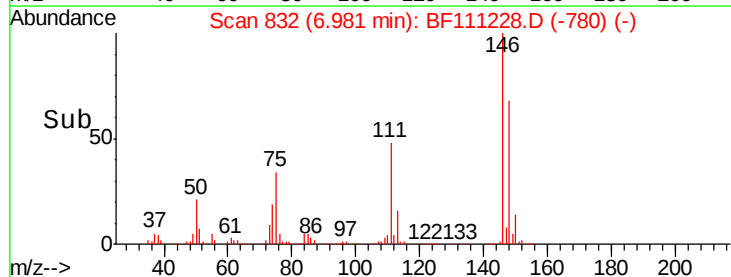


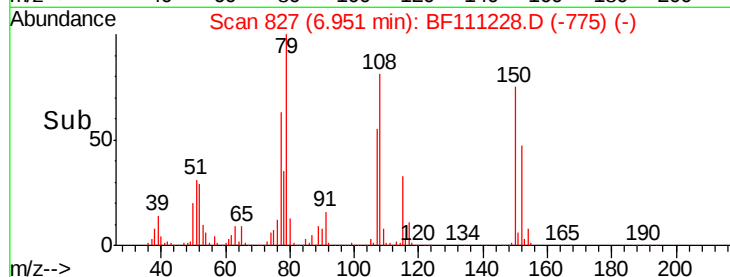
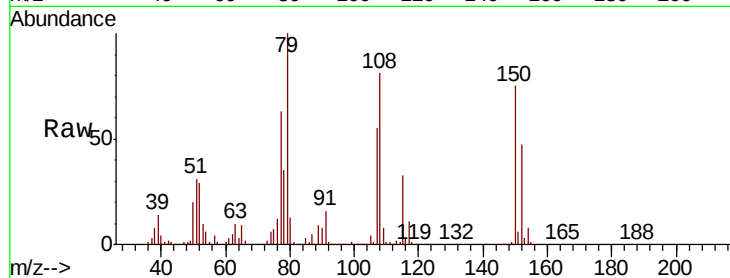
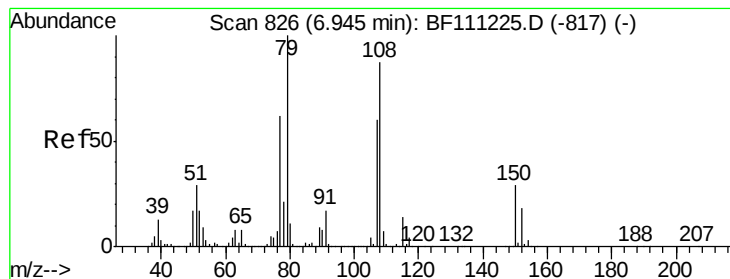
#14
 1,2-Dichlorobenzene
 Concen: 64.857 ng
 RT: 6.98 min Scan# 832
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

Tgt Ion:146 Resp: 2464244
 Ion Ratio Lower Upper
 146 100
 148 68.1 51.9 77.9
 111 48.1 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: 67.059 ng

RT: 6.95 min Scan# 827

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

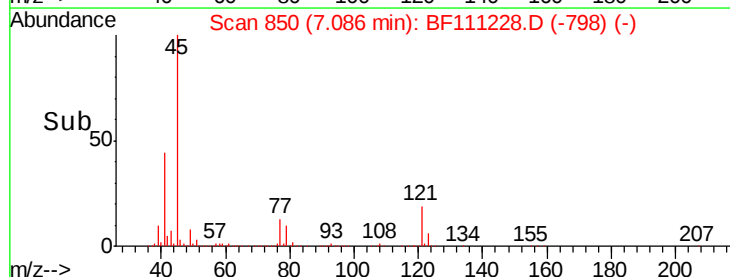
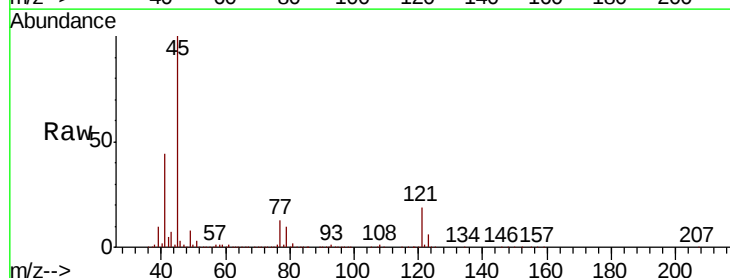
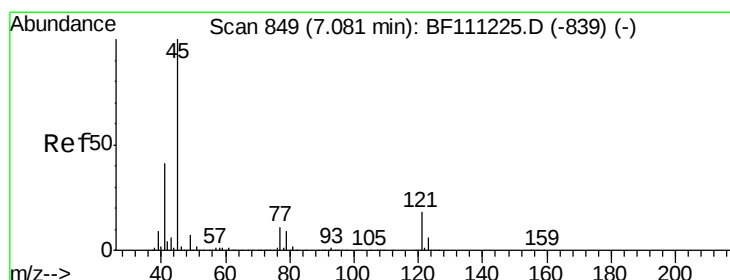
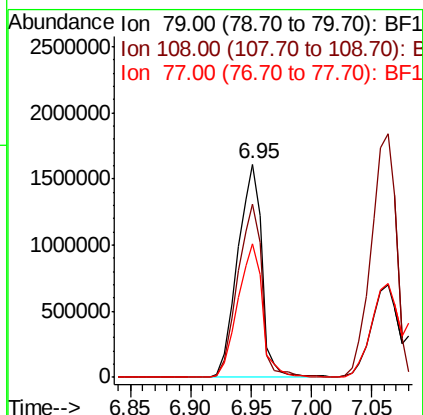
Tgt Ion: 79 Resp: 2256392

Ion Ratio Lower Upper

79 100

108 81.1 69.4 104.2

77 62.9 49.7 74.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 67.009 ng

RT: 7.09 min Scan# 850

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

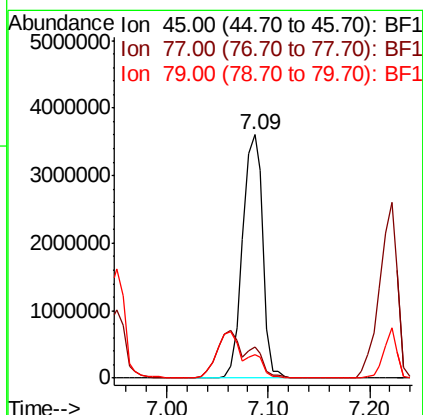
Tgt Ion: 45 Resp: 4925907

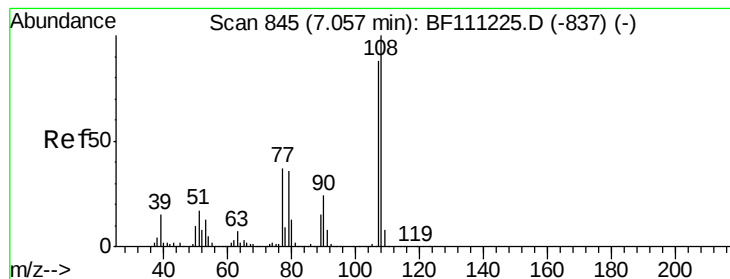
Ion Ratio Lower Upper

45 100

77 12.6 0.0 31.5

79 9.8 0.0 28.9





#17

2-Methylphenol

Concen: 72.771 ng

RT: 7.06 min Scan# 846

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

Tgt Ion:107 Resp: 2284109

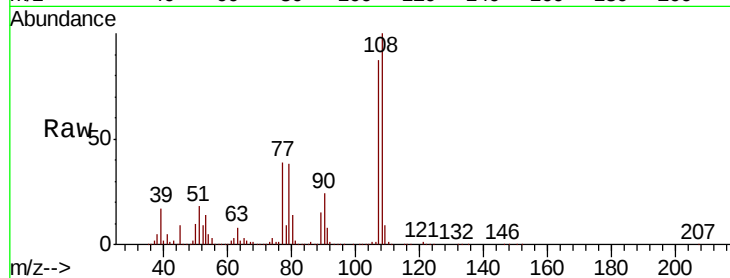
Ion Ratio Lower Upper

107 100

108 114.6 91.0 136.4

77 44.3 33.5 50.3

79 43.4 33.3 49.9

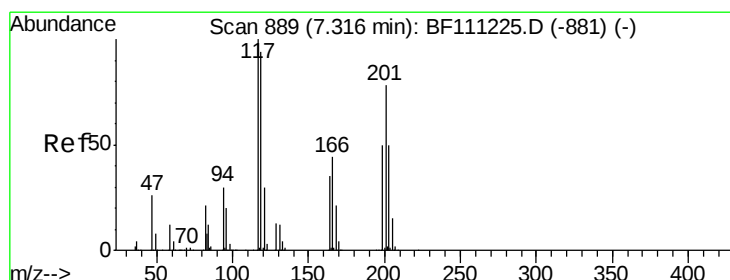
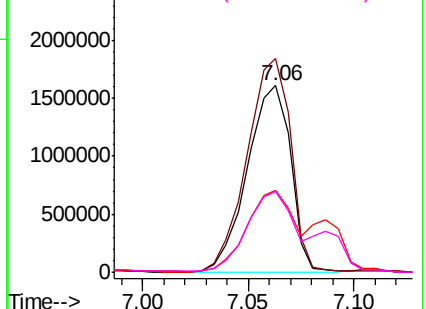
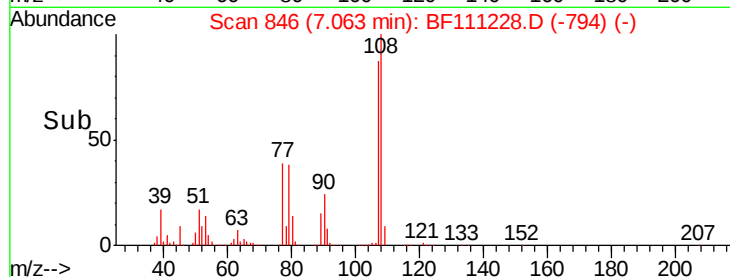


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



#18

Hexachloroethane

Concen: 71.377 ng

RT: 7.32 min Scan# 890

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

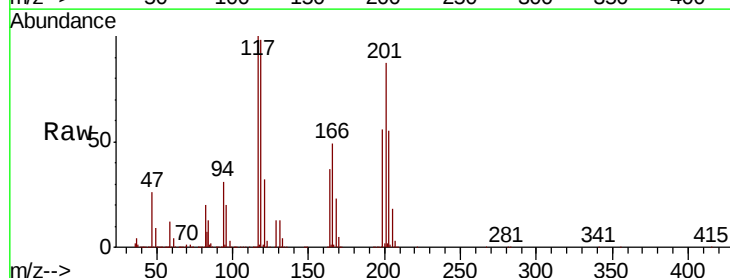
Tgt Ion:117 Resp: 1094469

Ion Ratio Lower Upper

117 100

119 98.5 75.4 113.0

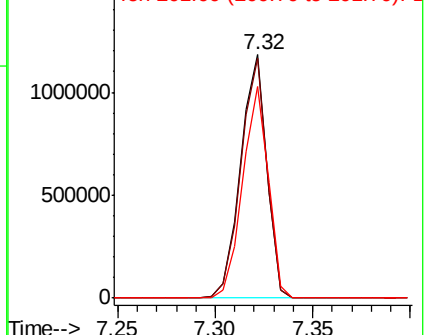
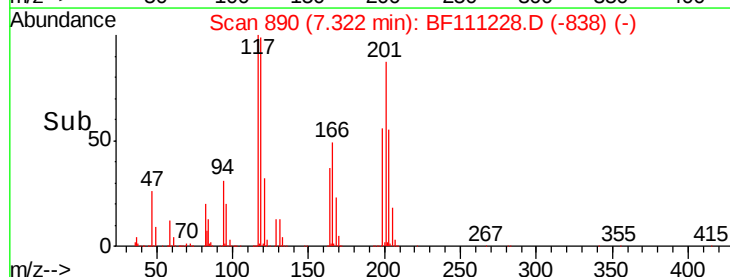
201 86.9 62.4 93.6

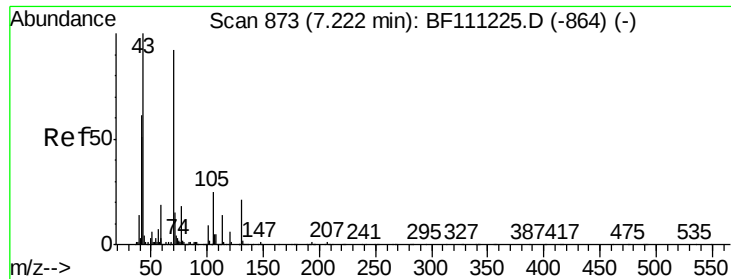


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

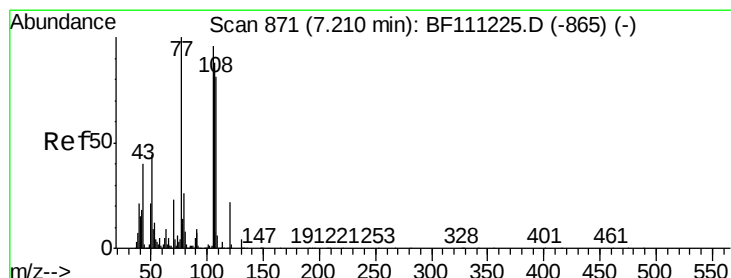
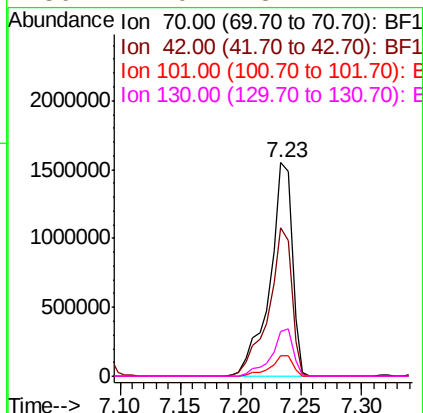
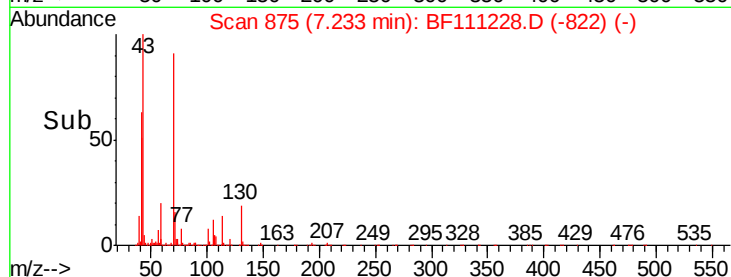
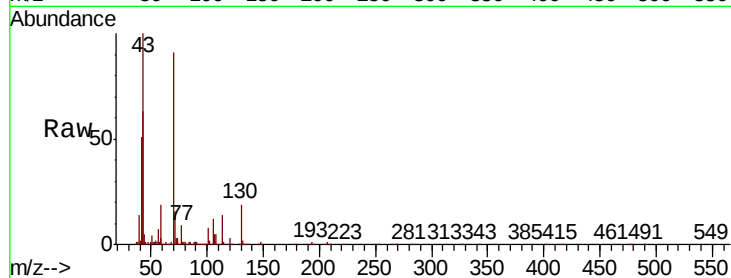




#19
n-Nitroso-di-n-propylamine
Concen: 69.953 ng
RT: 7.23 min Scan# 875
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

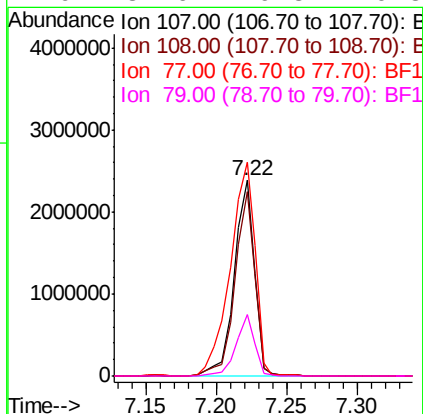
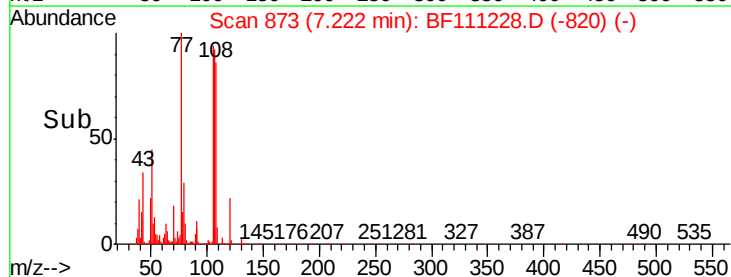
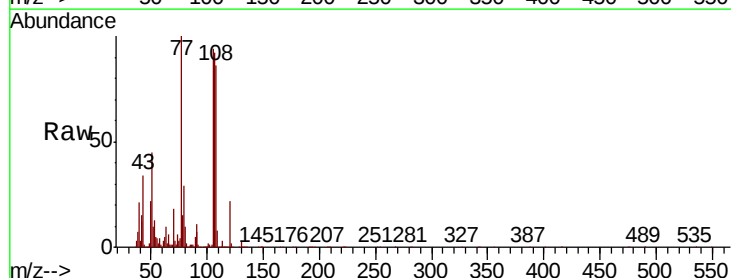
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

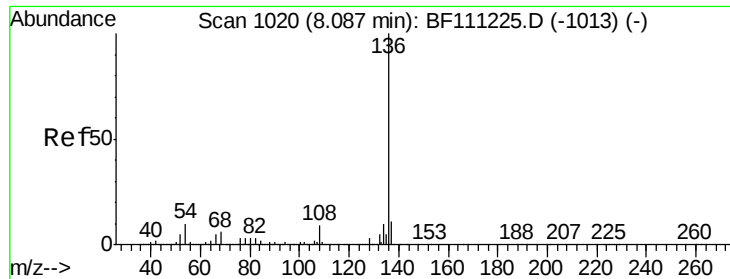
Tgt Ion: 70 Resp: 1996791
Ion Ratio Lower Upper
70 100
42 69.3 53.2 79.8
101 9.3 8.2 12.4
130 21.0 18.1 27.1



#20
3+4-Methylphenols
Concen: 62.417 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Tgt Ion: 107 Resp: 2370976
Ion Ratio Lower Upper
107 100
108 93.9 72.1 112.1
77 109.1 94.1 134.1
79 31.6 9.8 49.8

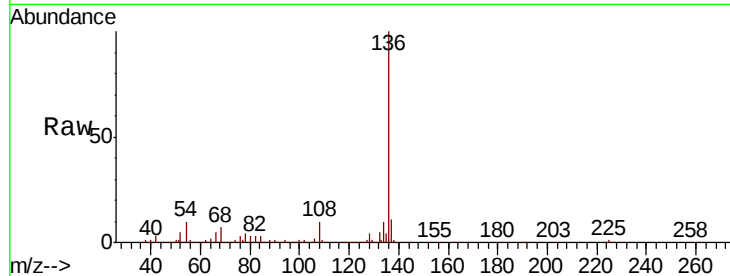




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.09 min Scan# 1020
Delta R.T. -0.00 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion:	136	Resp:	2106656
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	9.8	7.7	11.5
68	6.8	4.9	7.3



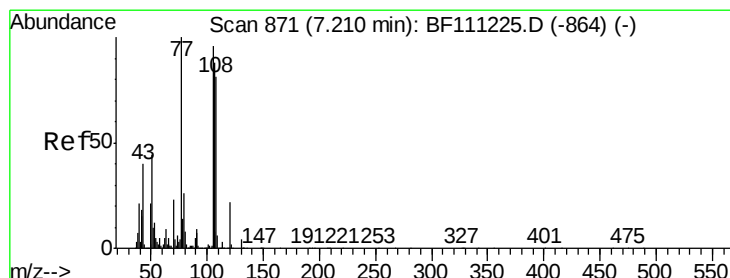
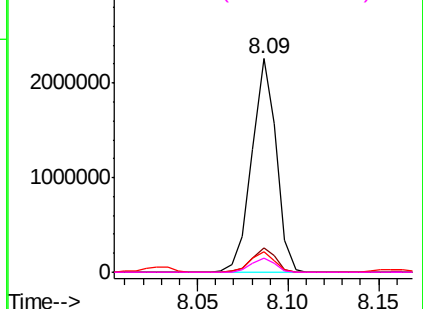
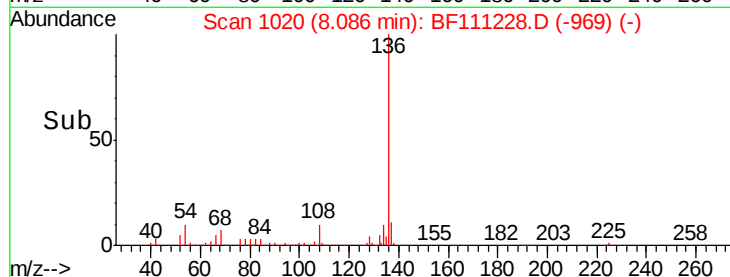
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

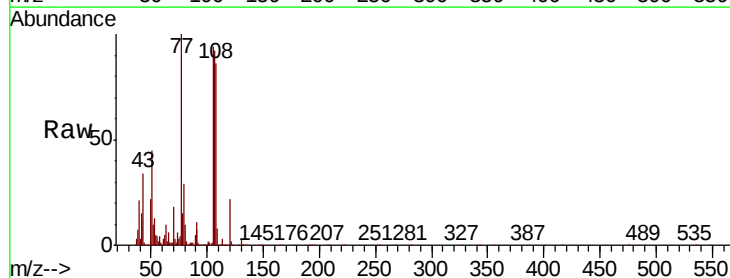
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22
Acetophenone
Concen: 65.181 ng
RT: 7.22 min Scan# 873
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Tgt Ion:	105	Resp:	3297274
Ion	Ratio	Lower	Upper
105	100		
71	3.4	3.1	4.7
51	47.6	36.6	54.8
120	23.7	18.2	27.4



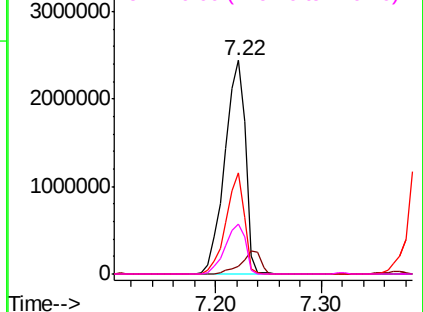
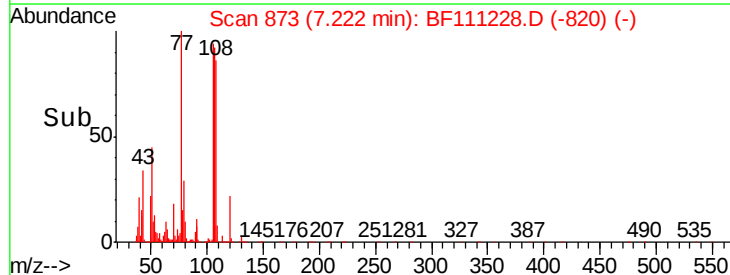
Abundance

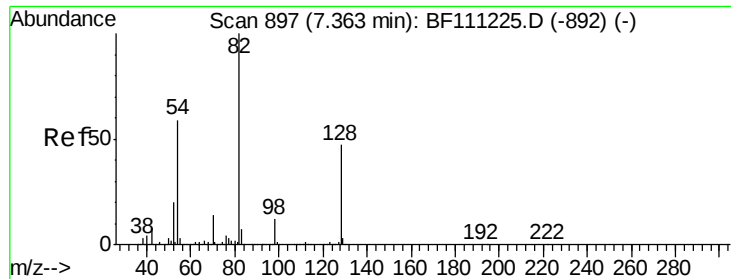
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

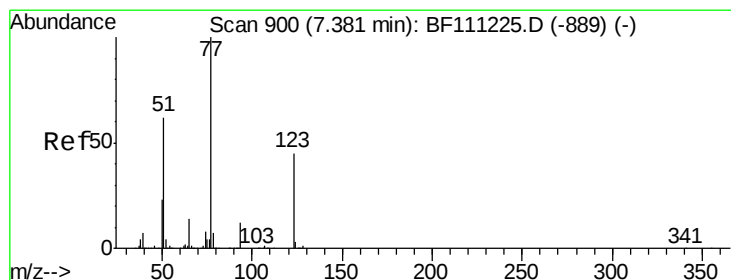
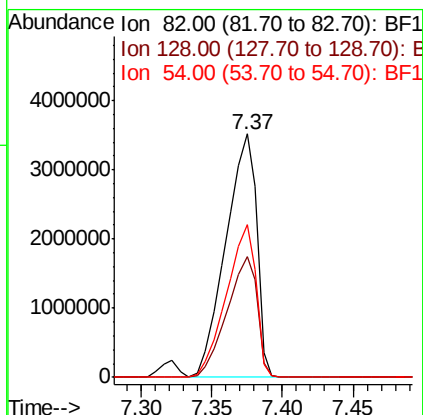
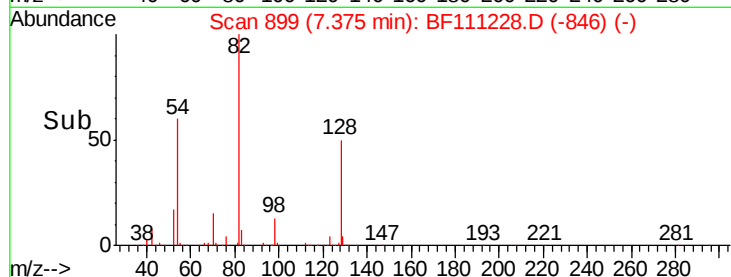
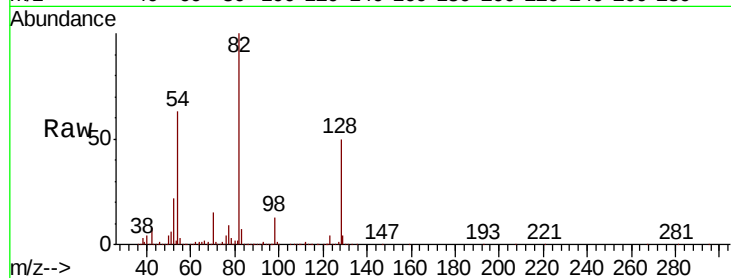




#23
 Nitrobenzene-d5
 Concen: 149.981 ng
 RT: 7.37 min Scan# 899
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

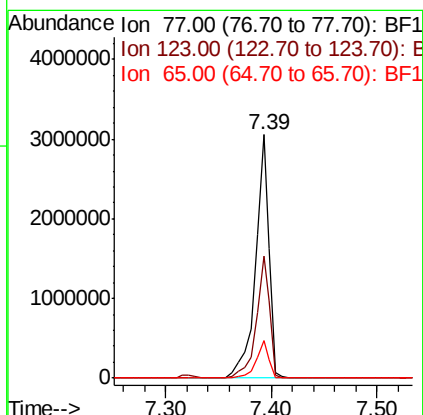
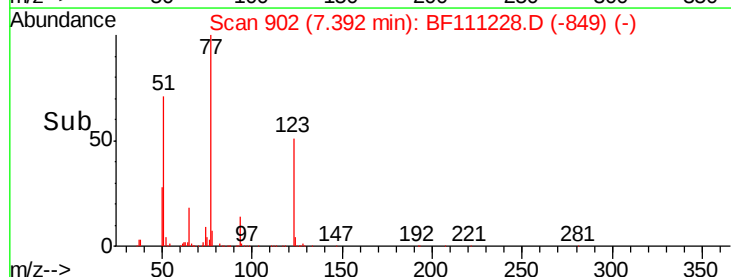
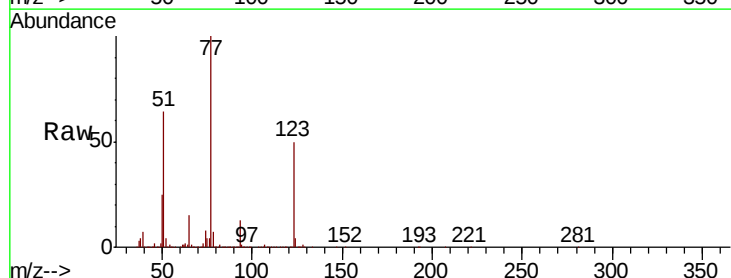
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

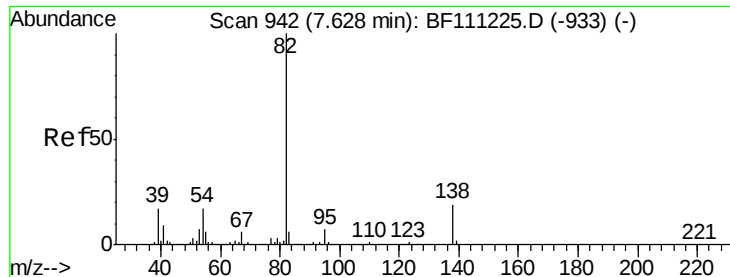
Tgt Ion: 82 Resp: 5354253
 Ion Ratio Lower Upper
 82 100
 128 49.8 37.4 56.2
 54 62.8 47.6 71.4



#24
 Nitrobenzene
 Concen: 71.922 ng
 RT: 7.39 min Scan# 902
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

Tgt Ion: 77 Resp: 2758005
 Ion Ratio Lower Upper
 77 100
 123 50.2 37.2 55.8
 65 15.4 11.5 17.3





#25

Isophorone

Concen: 74.202 ng

RT: 7.64 min Scan# 944

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

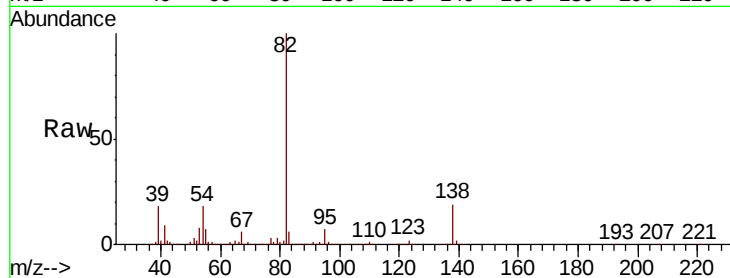
Tgt Ion: 82 Resp: 4842903

Ion Ratio Lower Upper

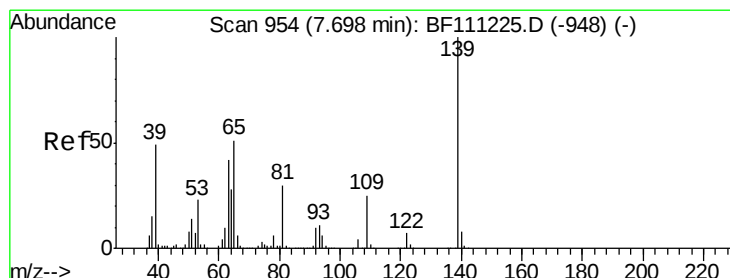
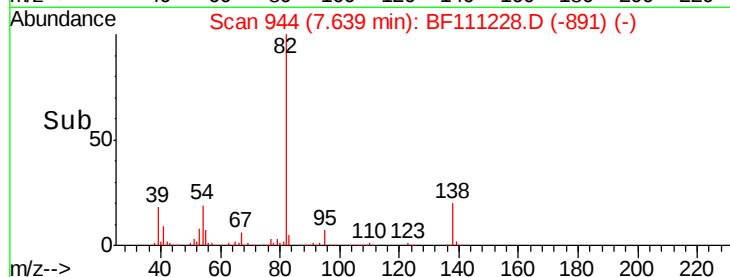
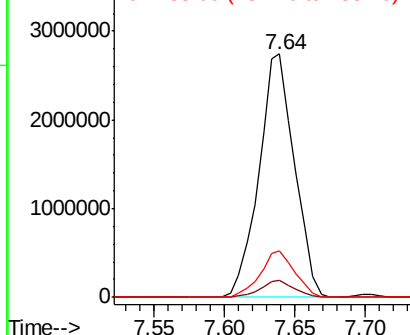
82 100

95 7.1 5.4 8.2

138 19.2 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: 90.535 ng

RT: 7.70 min Scan# 955

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

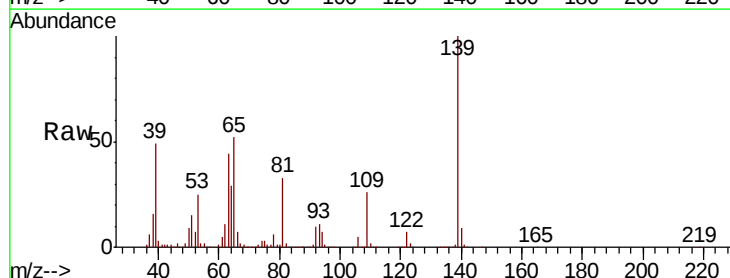
Tgt Ion: 139 Resp: 1504454

Ion Ratio Lower Upper

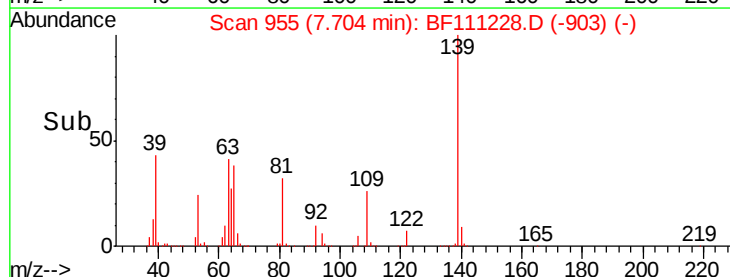
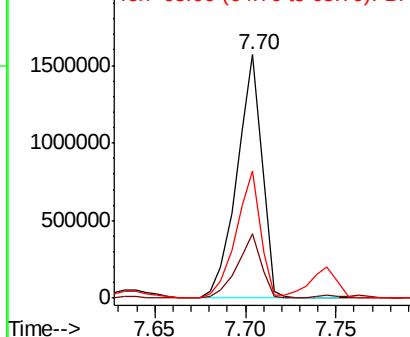
139 100

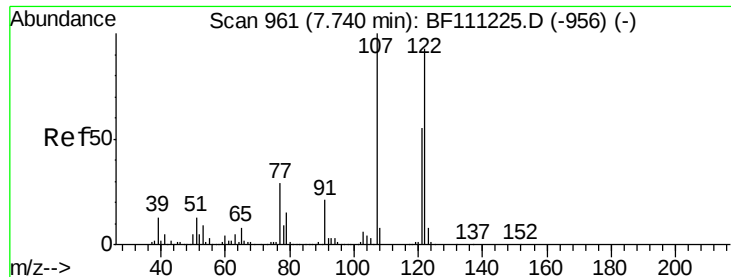
109 26.4 20.2 30.4

65 52.2 40.7 61.1



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

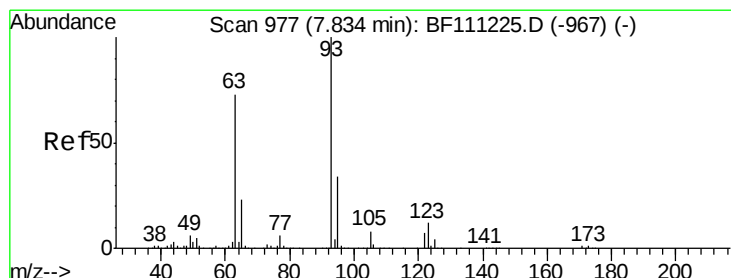
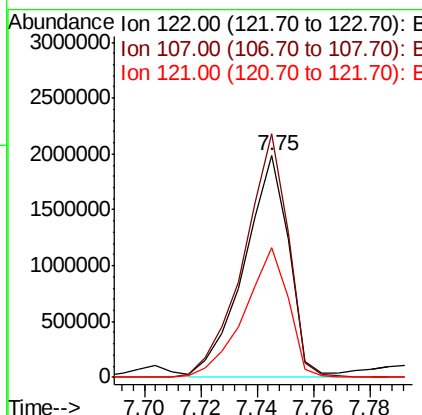
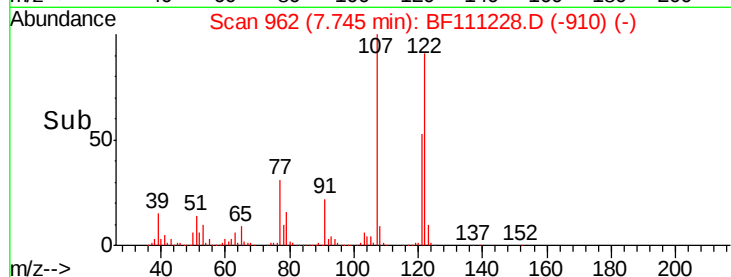
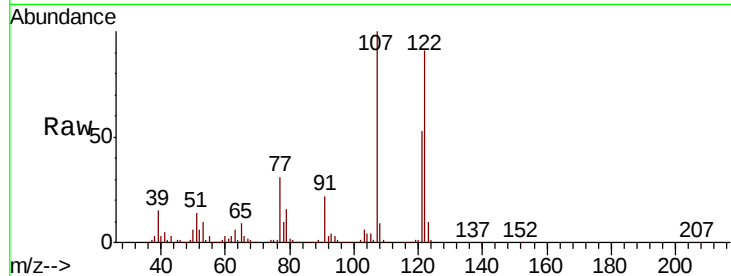




#27
2,4-Dimethylphenol
Concen: 71.308 ng
RT: 7.75 min Scan# 962
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

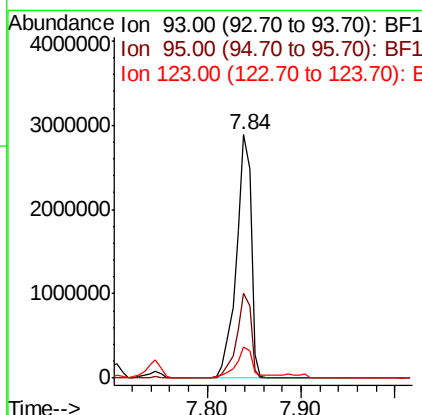
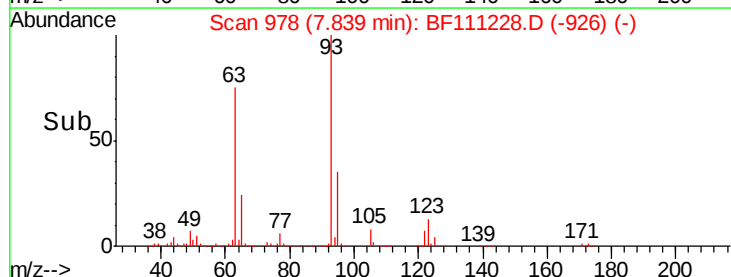
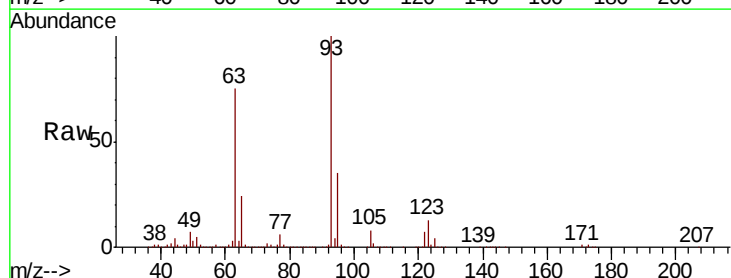
Instrument :
BNA_F
ClientSampleId :
SSTDICC080

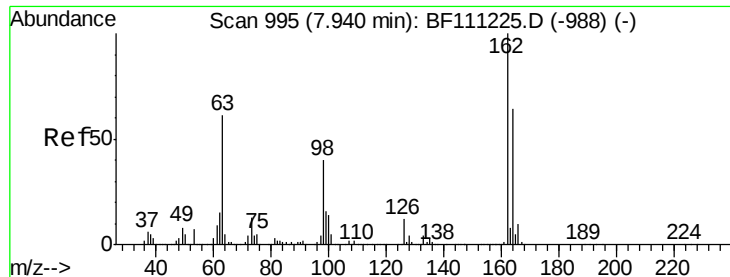
Tgt Ion:122 Resp: 2172363
Ion Ratio Lower Upper
122 100
107 109.9 85.5 128.3
121 58.6 46.6 70.0



#28
bis(2-Chloroethoxy)methane
Concen: 71.022 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Tgt Ion: 93 Resp: 3139578
Ion Ratio Lower Upper
93 100
95 34.7 27.1 40.7
123 12.8 9.9 14.9

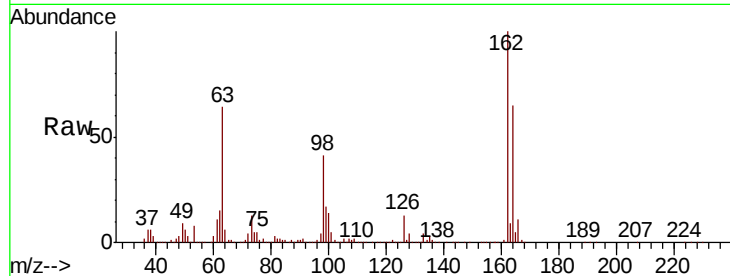




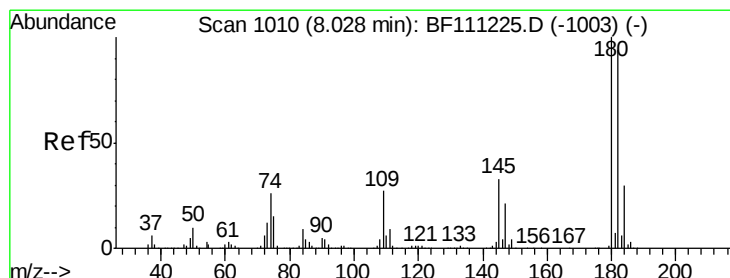
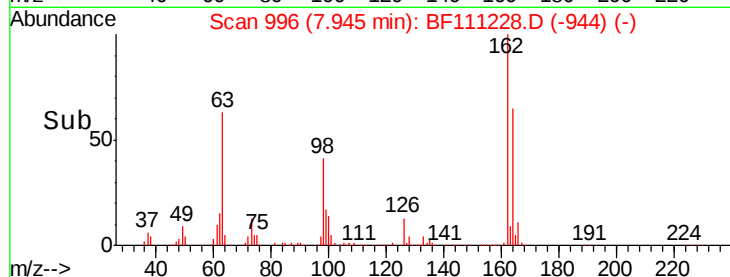
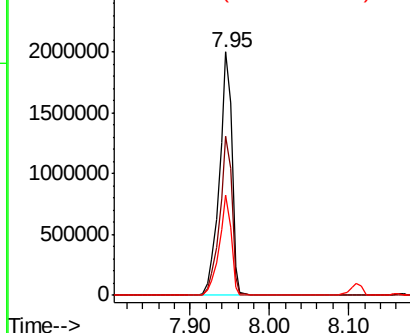
#29
2,4-Dichlorophenol
Concen: 72.969 ng
RT: 7.95 min Scan# 996
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:162 Resp: 2188242
Ion Ratio Lower Upper
162 100
164 65.1 44.4 84.4
98 41.1 20.3 60.3

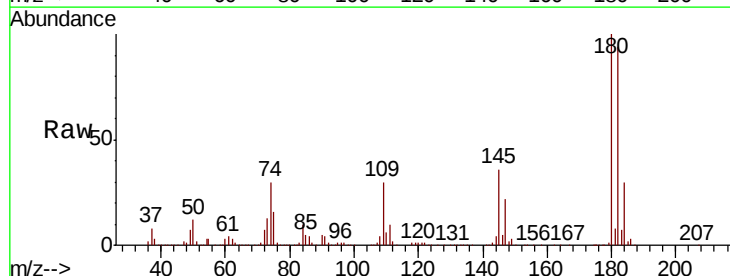


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

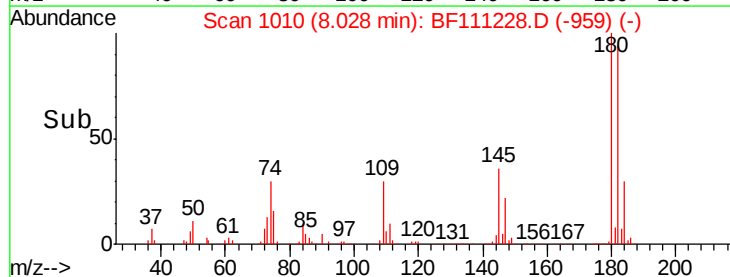
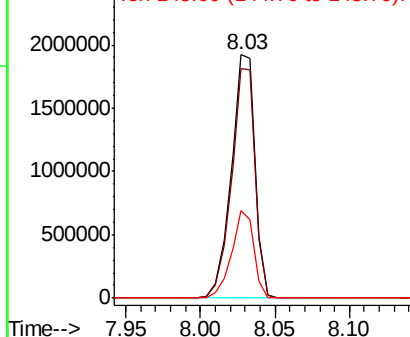


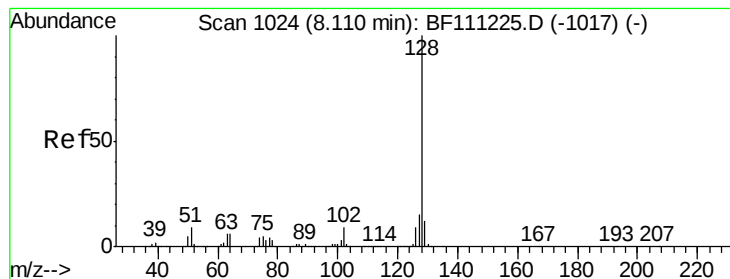
#30
1,2,4-Trichlorobenzene
Concen: 70.817 ng
RT: 8.03 min Scan# 1010
Delta R.T. -0.00 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Tgt Ion:180 Resp: 2145810
Ion Ratio Lower Upper
180 100
182 94.1 75.6 113.4
145 35.7 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

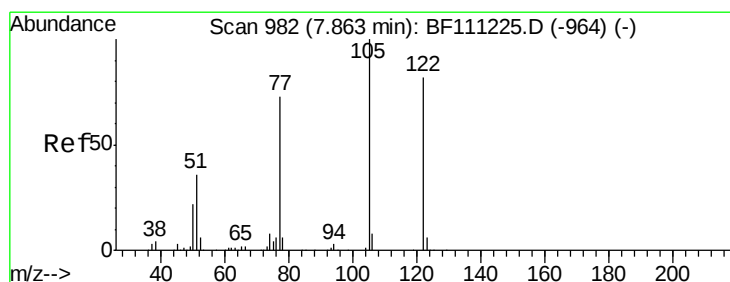
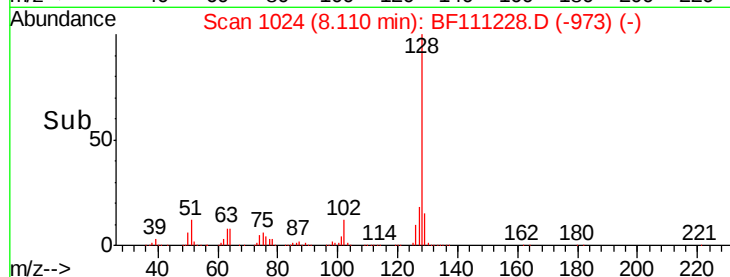
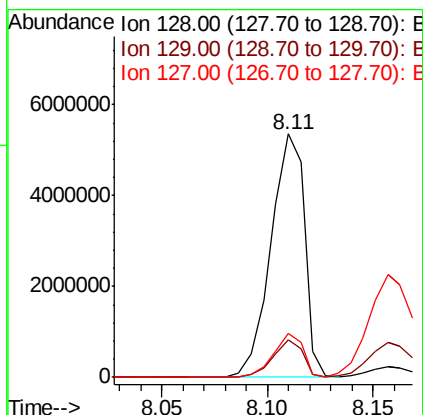
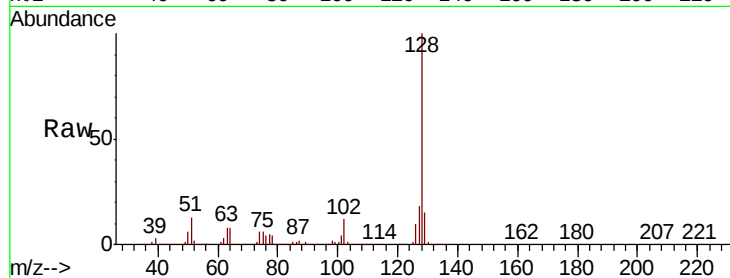




#31
Naphthalene
Concen: 64.787 ng
RT: 8.11 min Scan# 1024
Delta R.T. -0.00 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

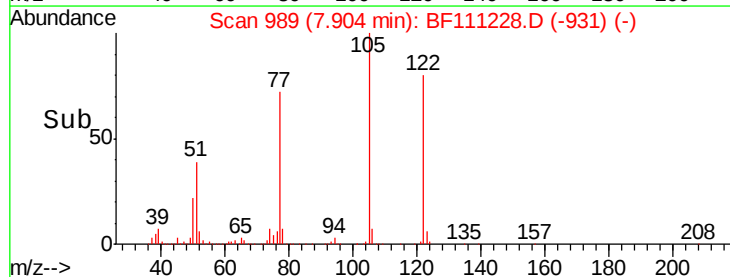
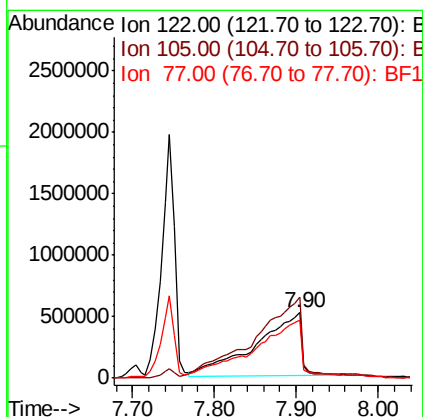
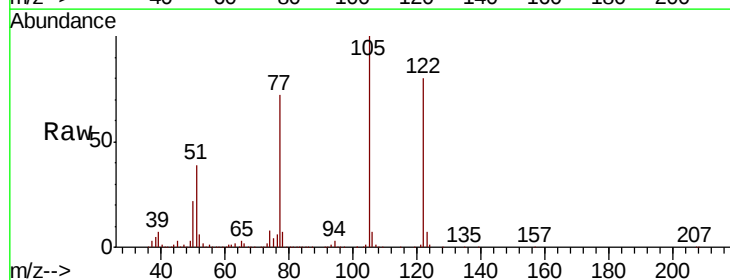
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

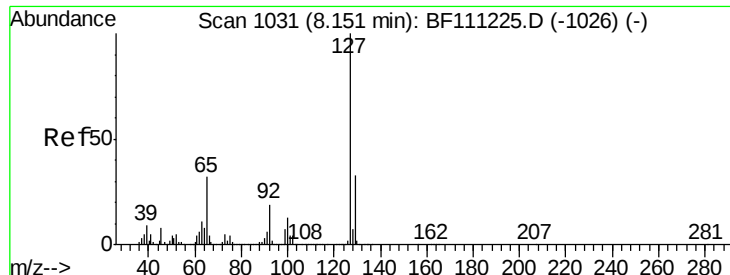
Tgt Ion:128 Resp: 5948498
Ion Ratio Lower Upper
128 100
129 15.4 9.8 14.8#
127 17.9 12.0 18.0



#32
Benzoic acid
Concen: 97.411 ng
RT: 7.90 min Scan# 989
Delta R.T. 0.04 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Tgt Ion:122 Resp: 2029540
Ion Ratio Lower Upper
122 100
105 124.5 97.0 137.0
77 90.1 65.7 105.7

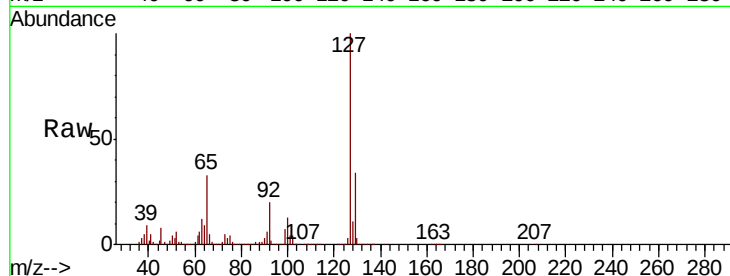




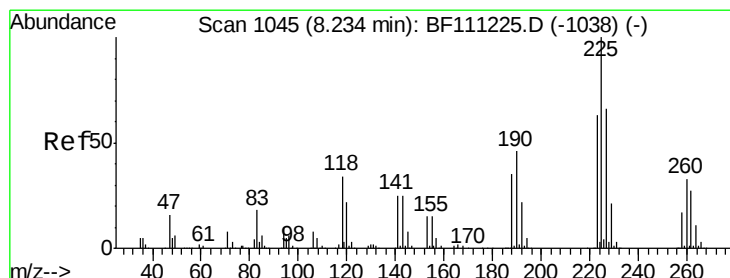
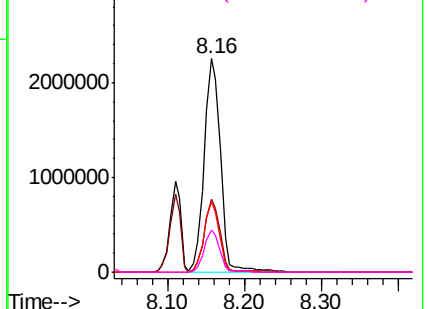
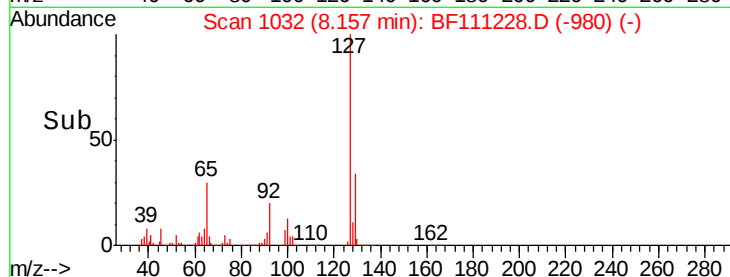
#33
4-Chloroaniline
Concen: 74.482 ng
RT: 8.16 min Scan# 1032
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:127 Resp: 3295377
Ion Ratio Lower Upper
127 100
129 33.9 26.6 39.8
65 32.9 25.7 38.5
92 19.6 15.4 23.2

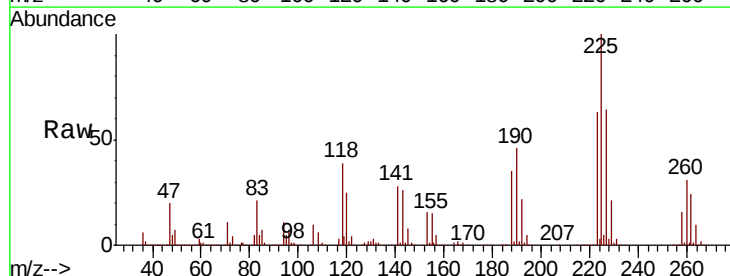


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1

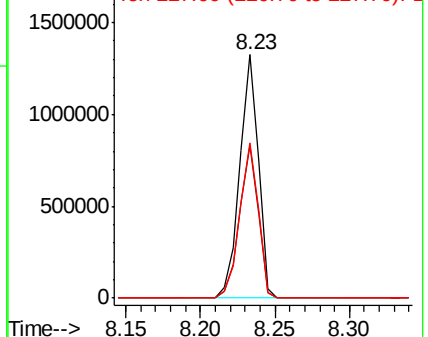
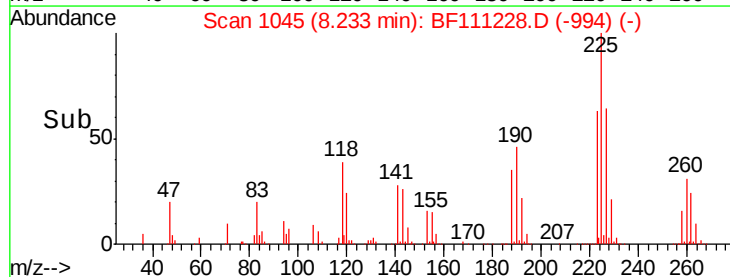


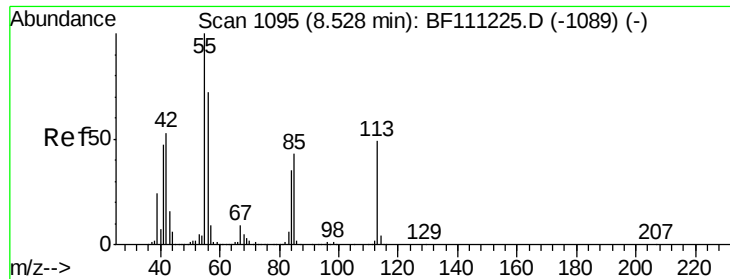
#34
Hexachlorobutadiene
Concen: 70.249 ng
RT: 8.23 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Tgt Ion:225 Resp: 1155220
Ion Ratio Lower Upper
225 100
223 62.8 50.7 76.1
227 63.5 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

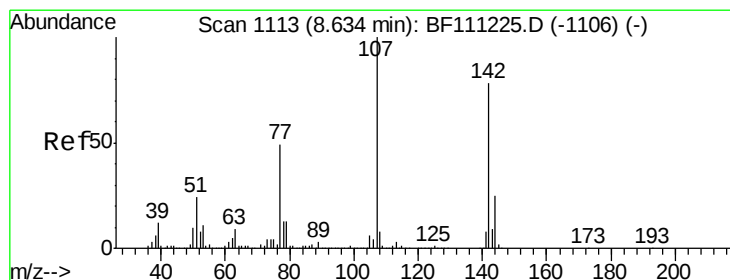
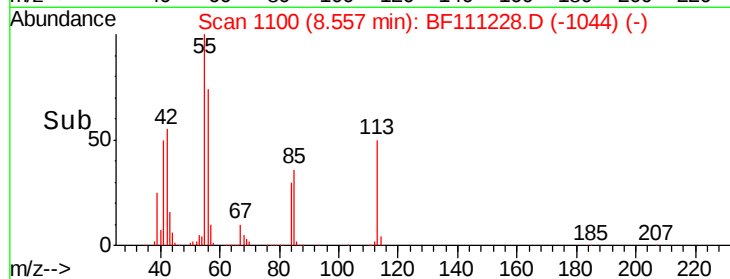
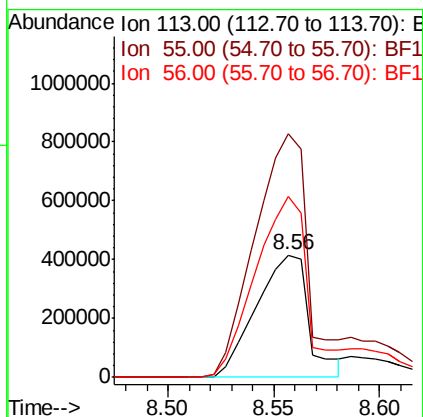
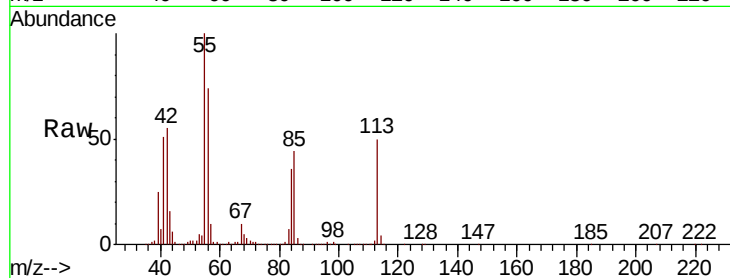




#35
 Caprolactam
 Concen: 65.150 ng
 RT: 8.56 min Scan# 1100
 Delta R.T. 0.03 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

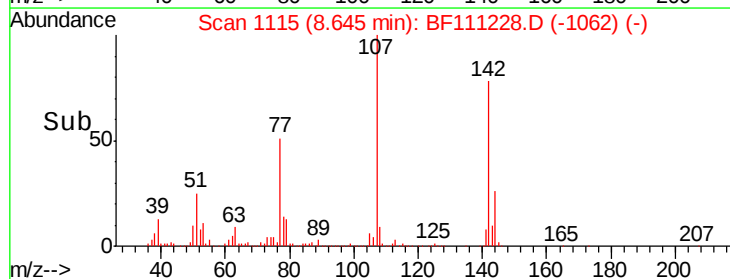
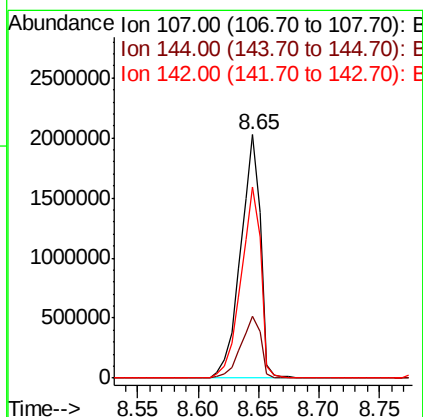
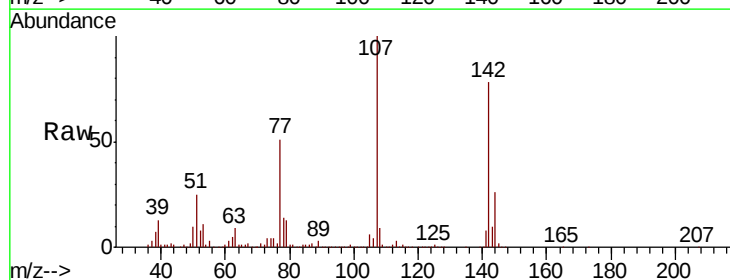
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

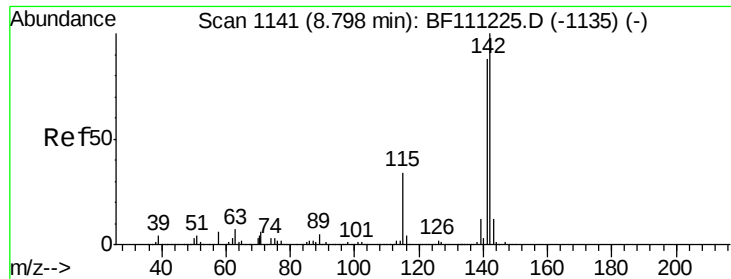
Tgt Ion:113 Resp: 718663
 Ion Ratio Lower Upper
 113 100
 55 199.3 184.1 224.1
 56 147.7 126.0 166.0



#36
 4-Chloro-3-methylphenol
 Concen: 70.953 ng
 RT: 8.65 min Scan# 1115
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

Tgt Ion:107 Resp: 2318098
 Ion Ratio Lower Upper
 107 100
 144 25.6 19.8 29.6
 142 78.5 62.3 93.5

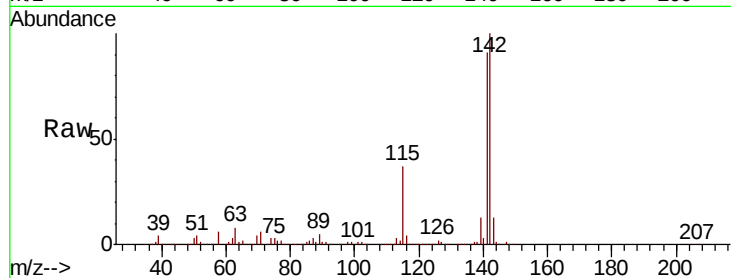




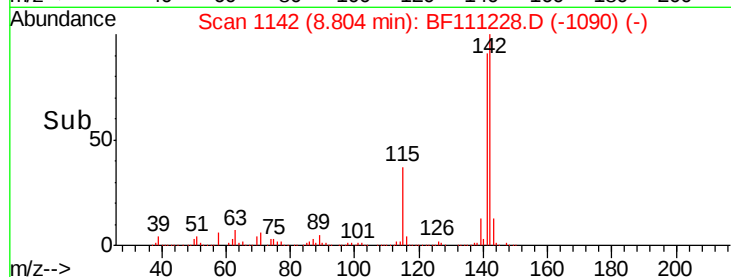
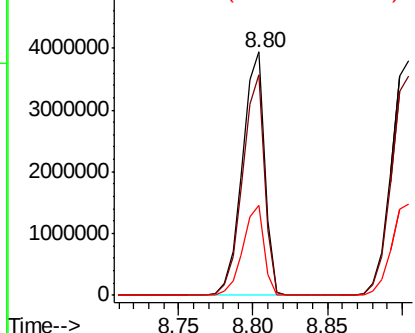
#37
 2-Methylnaphthalene
 Concen: 64.610 ng
 RT: 8.80 min Scan# 1142
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:142 Resp: 4071479
 Ion Ratio Lower Upper
 142 100
 141 90.5 70.6 105.8
 115 36.8 27.0 40.6

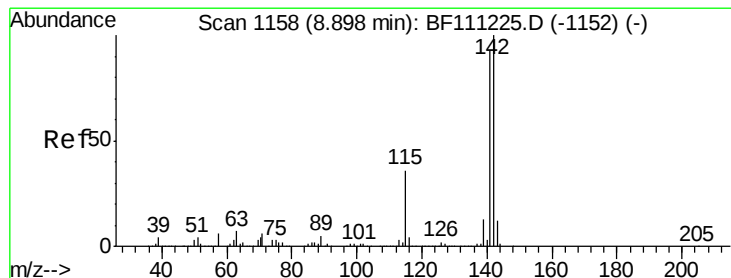


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

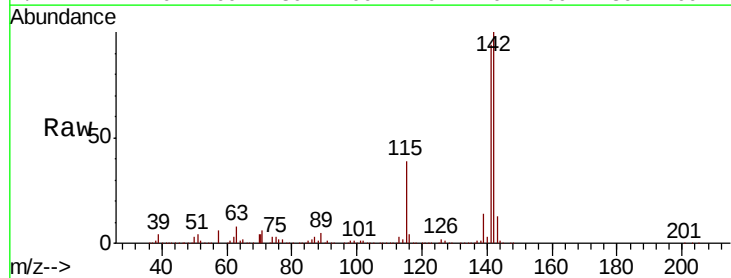
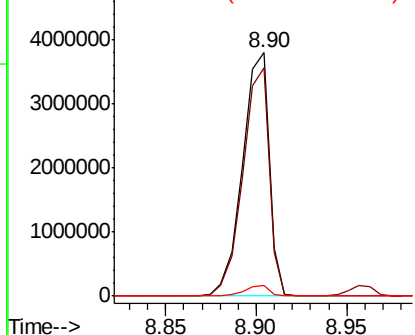


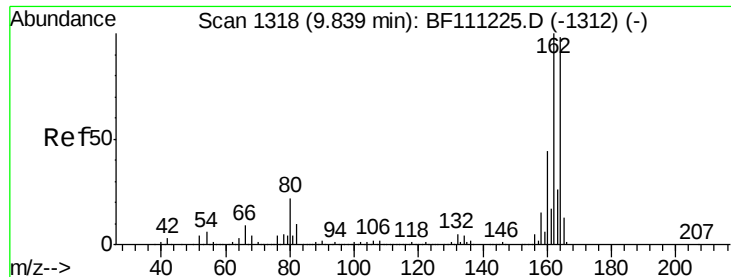
#38
 1-Methylnaphthalene
 Concen: 64.151 ng
 RT: 8.90 min Scan# 1159
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

Tgt Ion:142 Resp: 3891882
 Ion Ratio Lower Upper
 142 100
 141 93.5 74.2 111.4
 116 4.1 2.9 4.3



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





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.84 min Scan# 1318

Delta R.T. -0.00 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

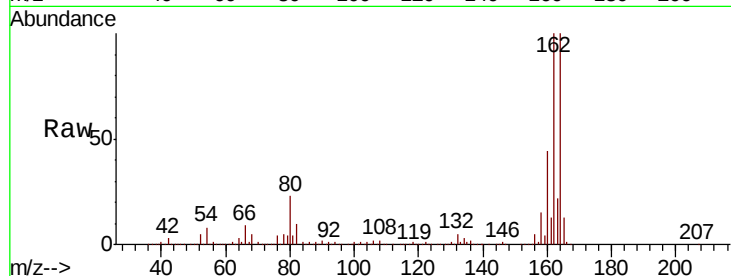
Tgt Ion:164 Resp: 962001

Ion Ratio Lower Upper

164 100

162 100.0 81.4 122.0

160 43.9 35.7 53.5

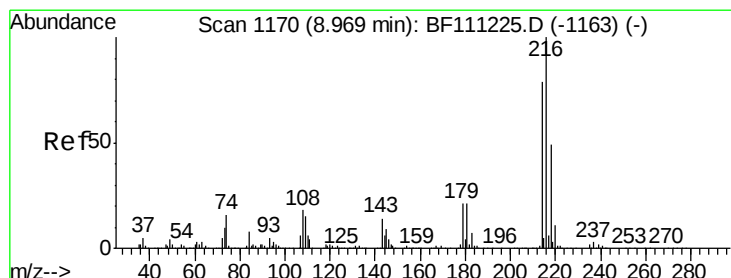
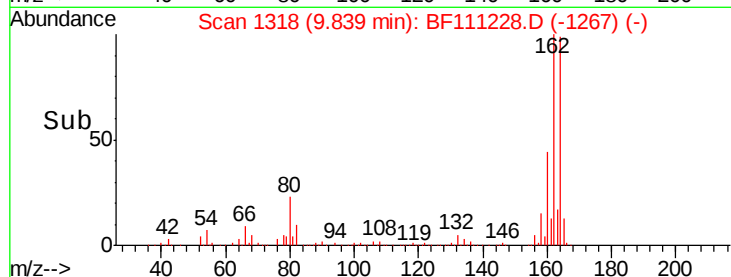
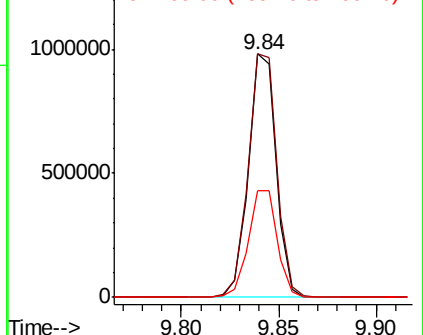


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 67.370 ng

RT: 8.97 min Scan# 1170

Delta R.T. -0.00 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Tgt Ion:216 Resp: 1729633

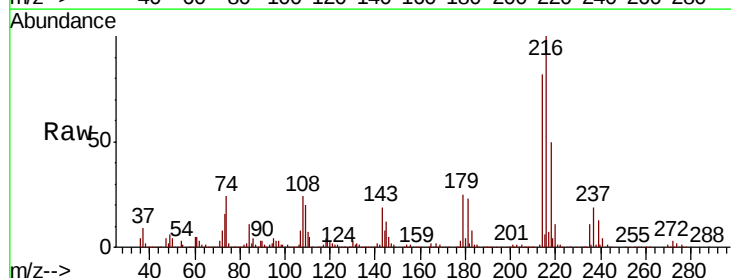
Ion Ratio Lower Upper

216 100

214 81.1 63.8 95.8

179 22.9 17.9 26.9

108 23.5 18.4 27.6



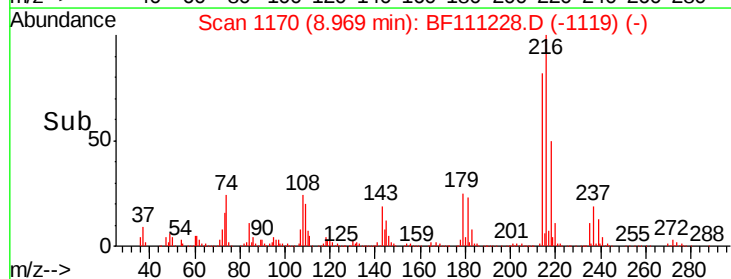
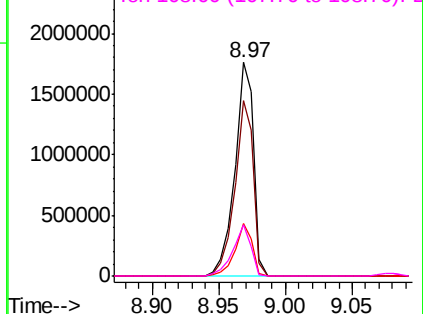
Abundance

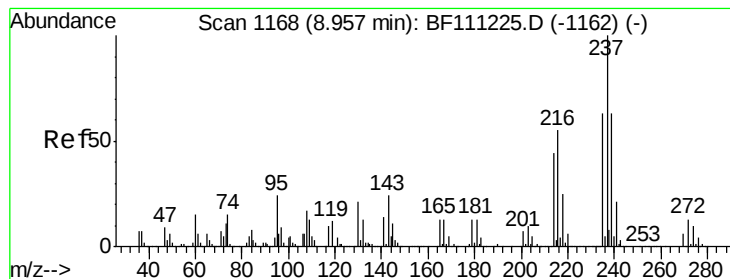
Ion 216.00 (215.70 to 216.70): E

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: 78.650 ng

RT: 8.96 min Scan# 1169

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleID :

SSTDICC080

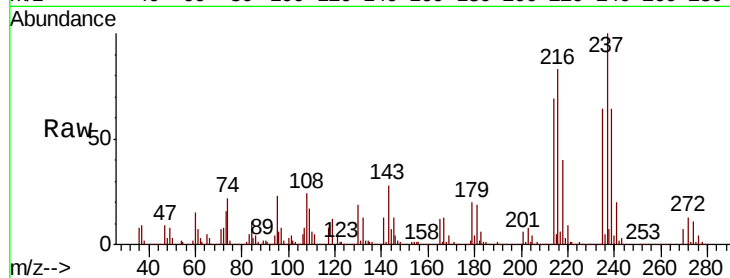
Tgt Ion:237 Resp: 1076240

Ion Ratio Lower Upper

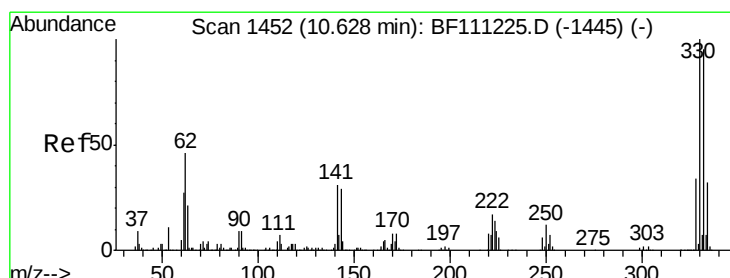
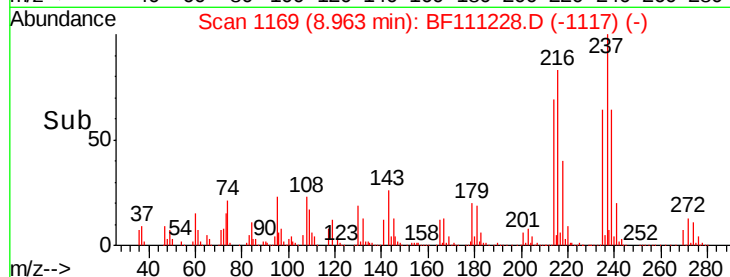
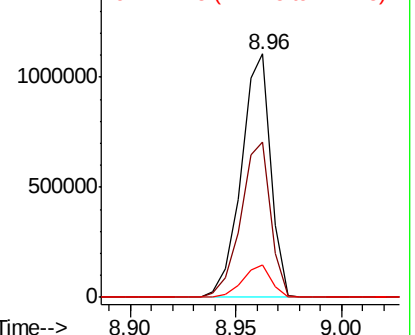
237 100

235 63.7 43.1 83.1

272 13.2 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: 143.461 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

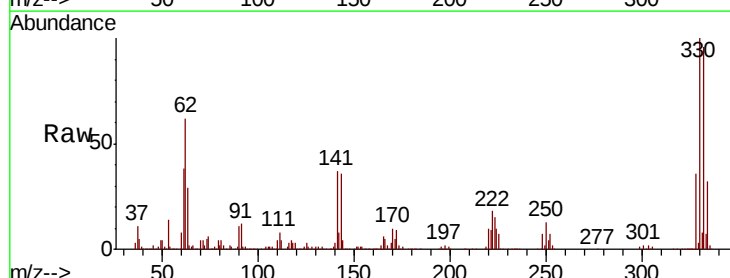
Tgt Ion:330 Resp: 1109626

Ion Ratio Lower Upper

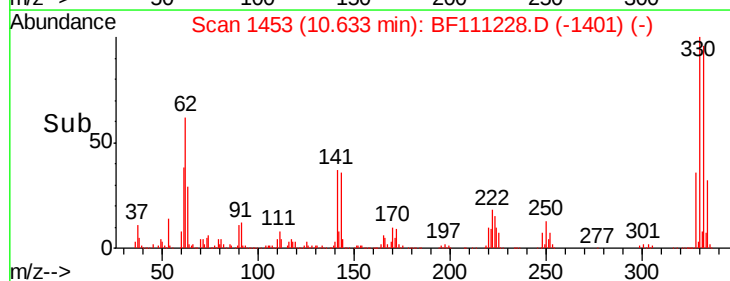
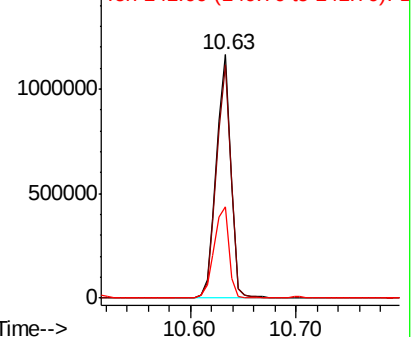
330 100

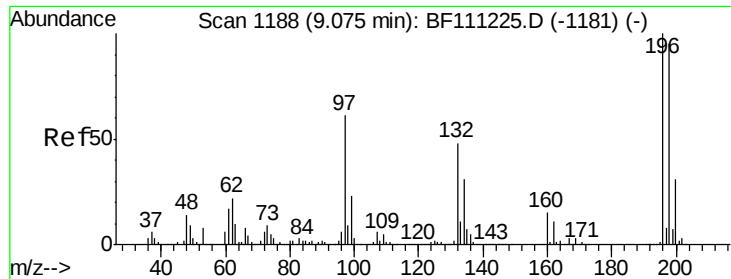
332 96.2 76.0 114.0

141 39.1 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

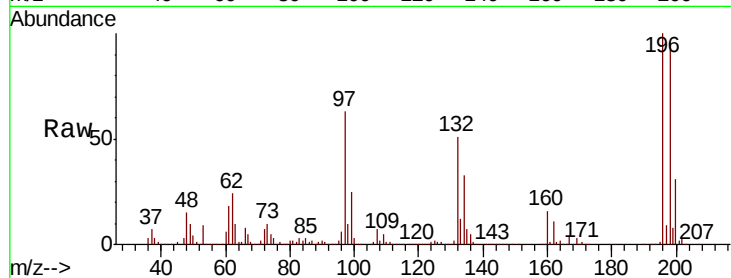




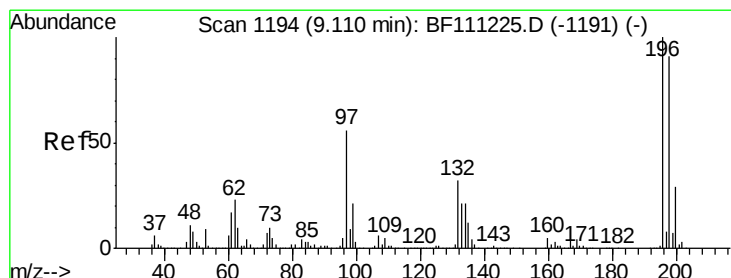
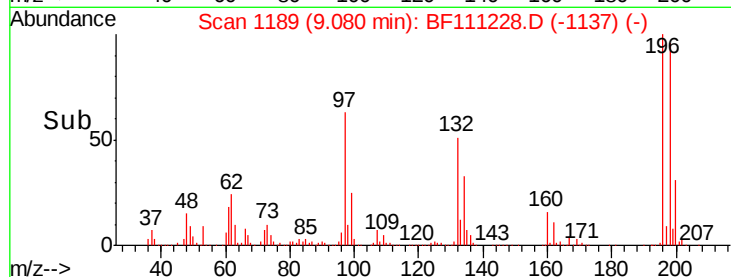
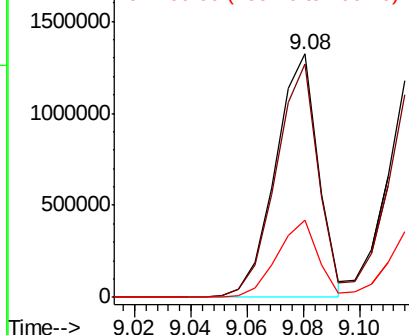
#43
 2,4,6-Trichlorophenol
 Concen: 73.818 ng
 RT: 9.08 min Scan# 1189
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:196 Resp: 1390373
 Ion Ratio Lower Upper
 196 100
 198 96.1 76.3 114.5
 200 31.5 24.9 37.3

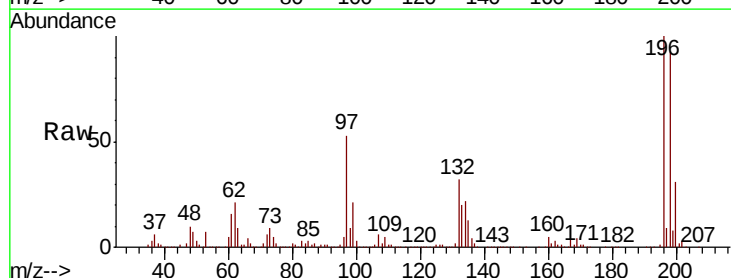


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

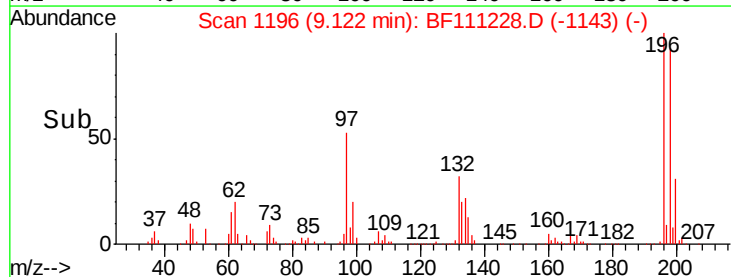
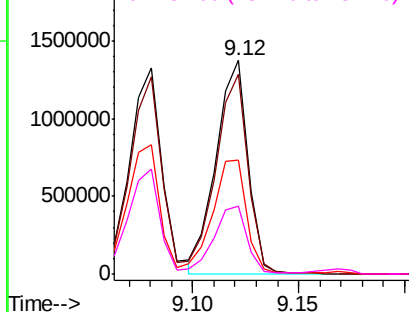


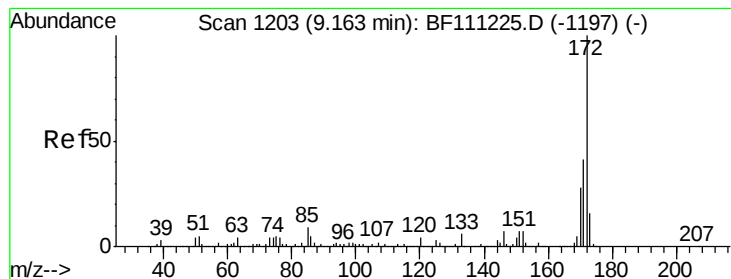
#44
 2,4,5-Trichlorophenol
 Concen: 75.247 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

Tgt Ion:196 Resp: 1440395
 Ion Ratio Lower Upper
 196 100
 198 93.4 72.9 109.3
 97 53.3 45.3 67.9
 132 32.0 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: 118.897 ng

RT: 9.17 min Scan# 1204

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

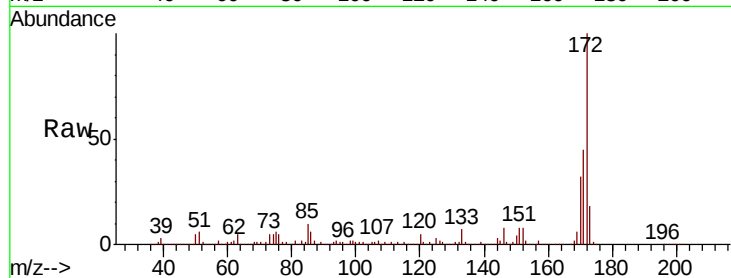
Tgt Ion:172 Resp: 6801957

Ion Ratio Lower Upper

172 100

171 45.4 33.0 49.4

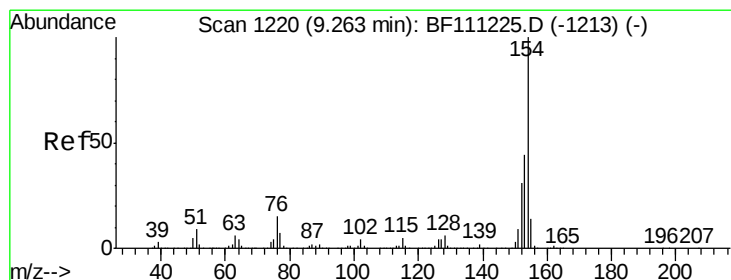
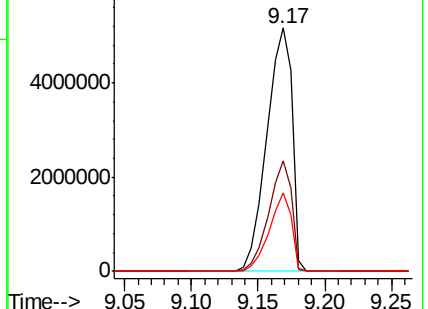
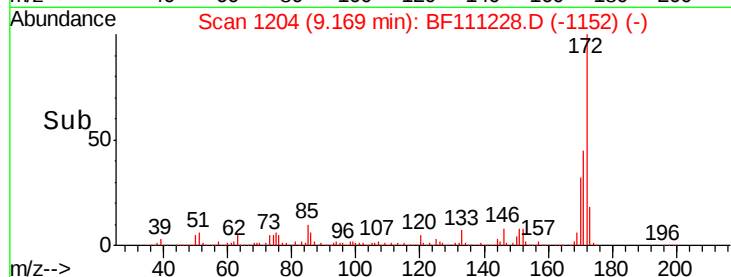
170 32.0 22.3 33.5



Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46

1,1'-Biphenyl

Concen: 62.148 ng

RT: 9.27 min Scan# 1221

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

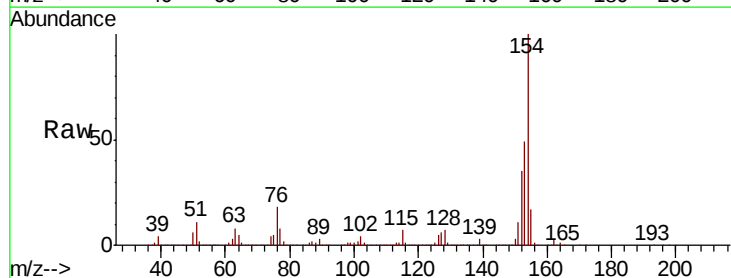
Tgt Ion:154 Resp: 4884504

Ion Ratio Lower Upper

154 100

153 49.3 23.7 63.7

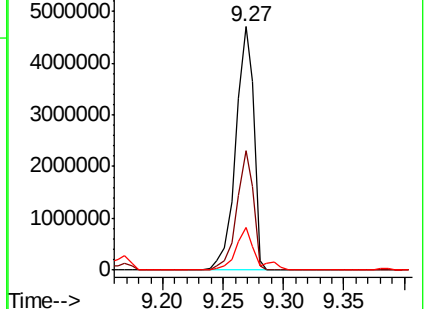
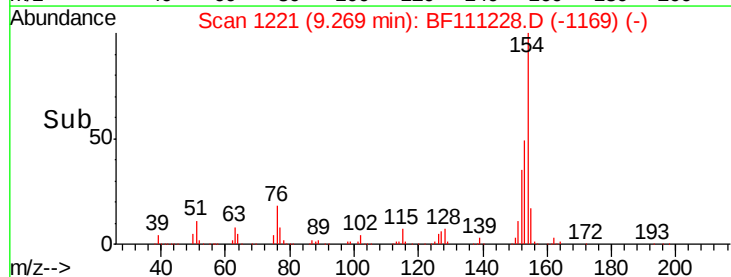
76 17.6 0.0 35.0

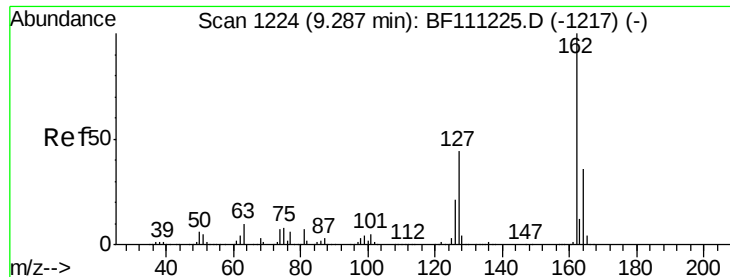


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BF1

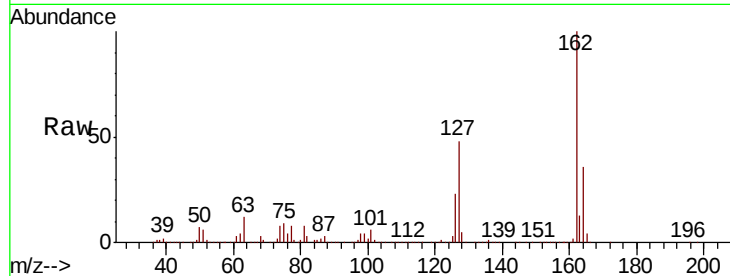




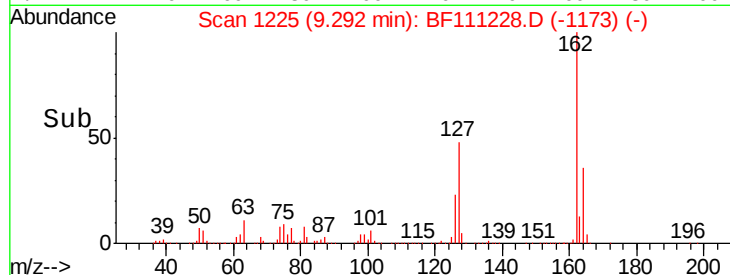
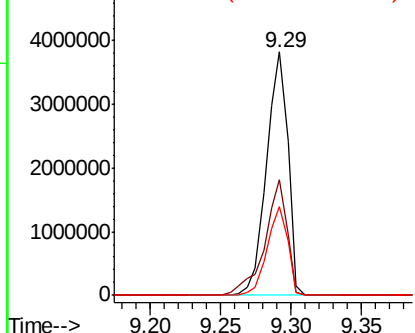
#47
2-Chloronaphthalene
Concen: 66.957 ng
RT: 9.29 min Scan# 1225
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDICC080

Tgt Ion: 162 Resp: 4094079
Ion Ratio Lower Upper
162 100
127 47.7 35.0 52.4
164 36.5 28.4 42.6

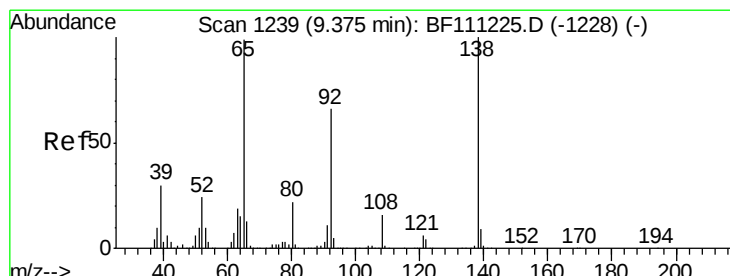


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

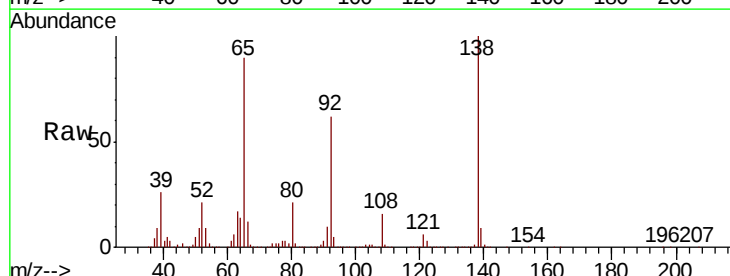
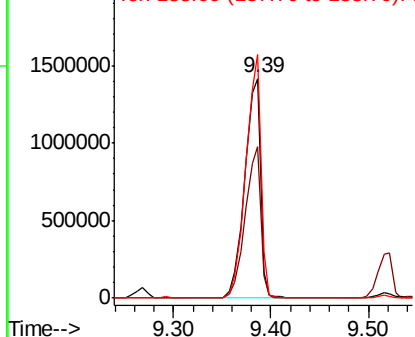


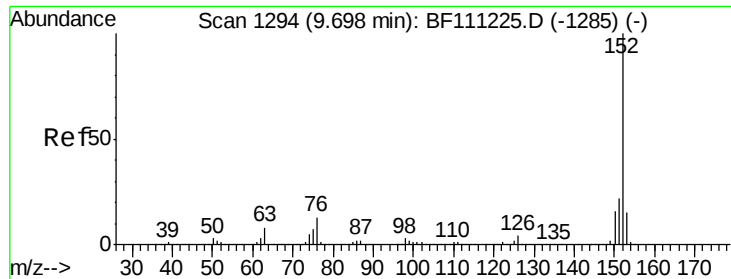
#48
2-Nitroaniline
Concen: 79.938 ng
RT: 9.39 min Scan# 1241
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Tgt Ion: 65 Resp: 1598977
Ion Ratio Lower Upper
65 100
92 69.2 53.5 80.3
138 110.8 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: 64.681 ng

RT: 9.70 min Scan# 1295

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

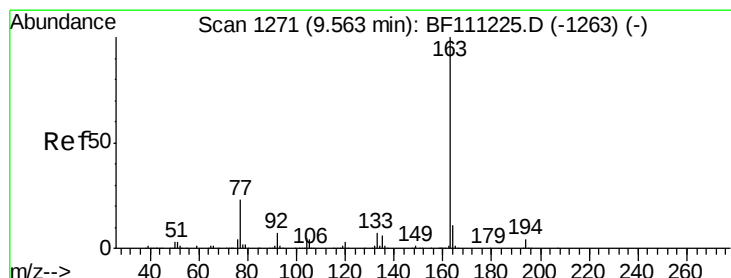
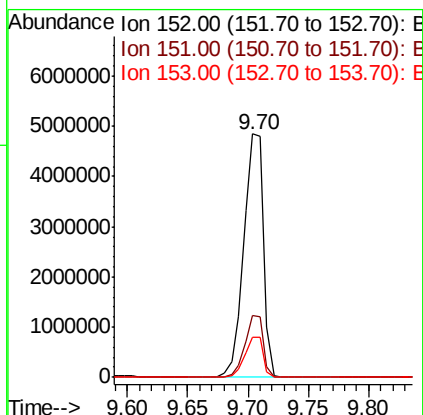
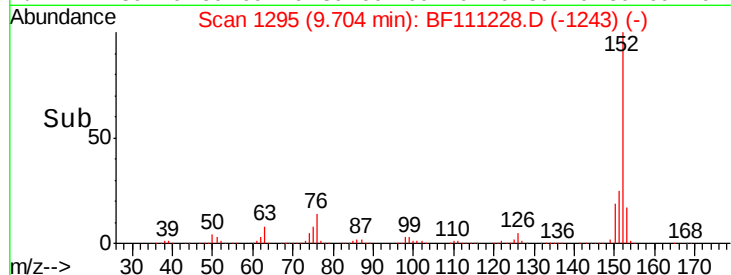
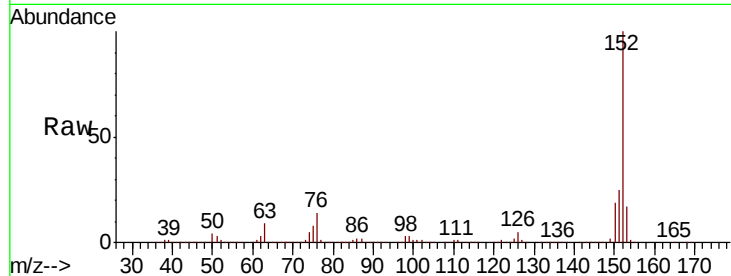
Tgt Ion:152 Resp: 5530599

Ion Ratio Lower Upper

152 100

151 25.3 18.0 27.0

153 16.7 12.3 18.5



#50

Dimethylphthalate

Concen: 67.468 ng

RT: 9.57 min Scan# 1273

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

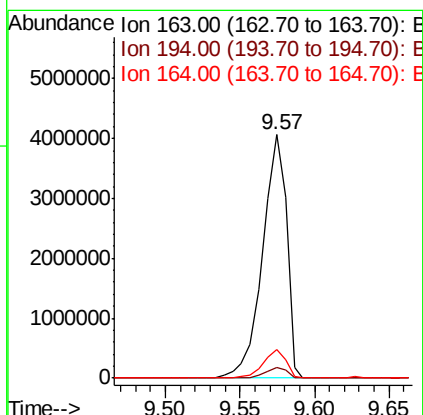
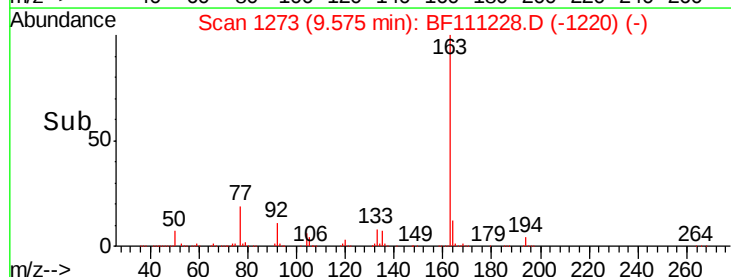
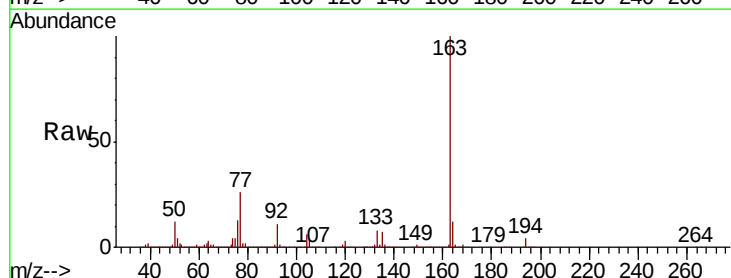
Tgt Ion:163 Resp: 4509708

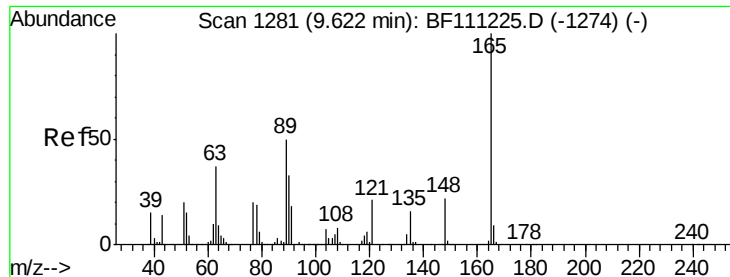
Ion Ratio Lower Upper

163 100

194 4.2 3.0 4.6

164 11.9 8.9 13.3

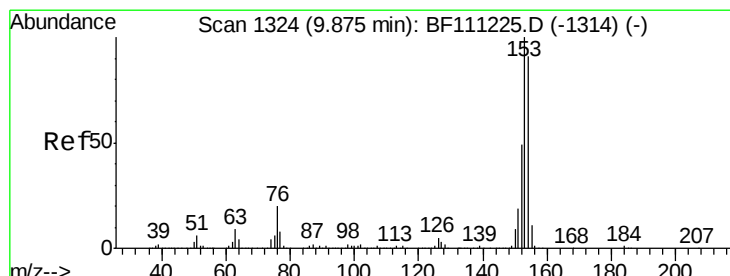
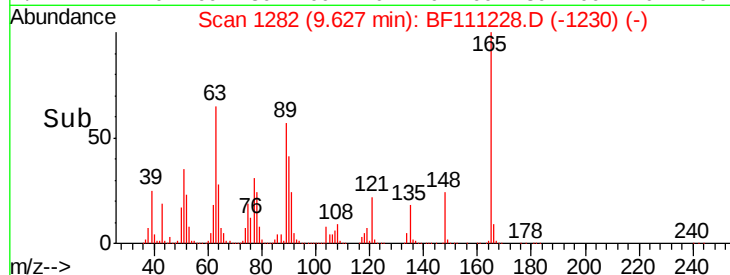
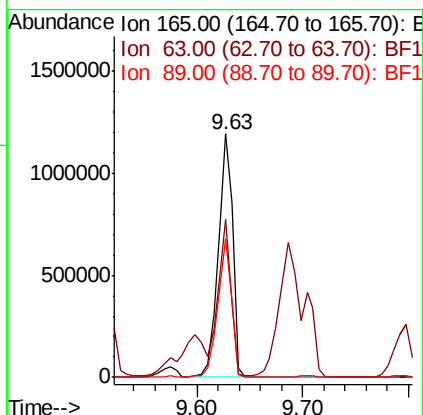
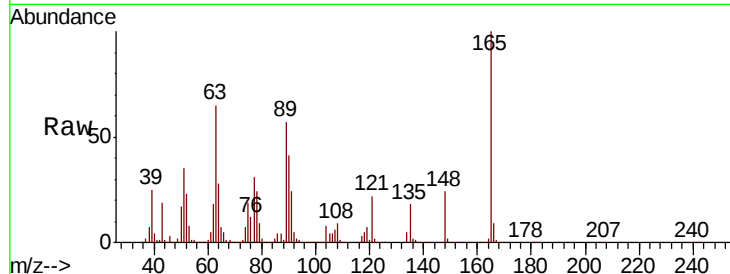




#51
 2,6-Dinitrotoluene
 Concen: 81.201 ng
 RT: 9.63 min Scan# 1282
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

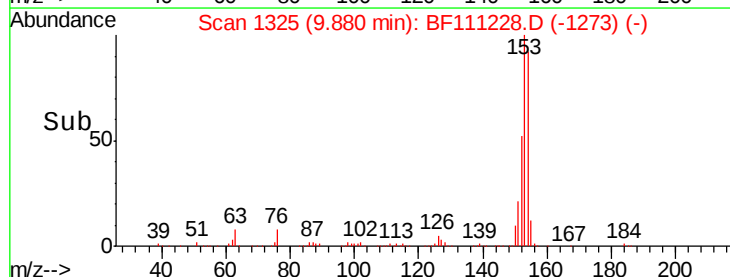
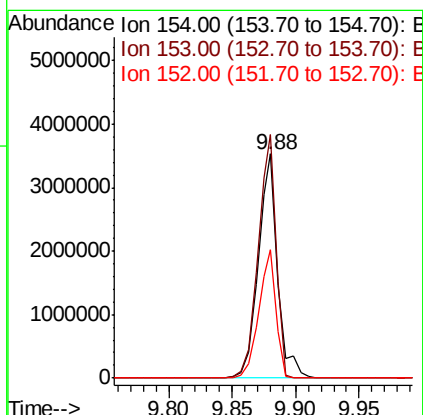
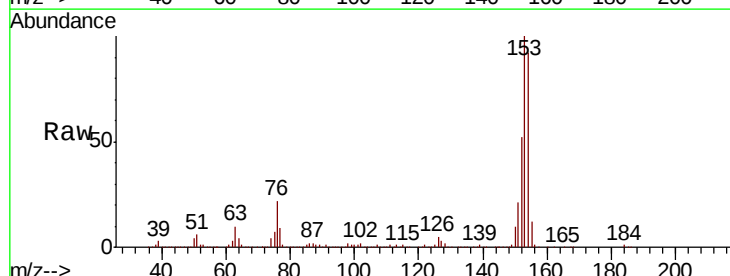
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

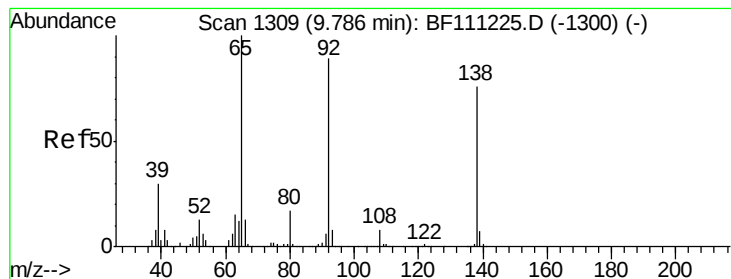
Tgt Ion:165 Resp: 1160035
 Ion Ratio Lower Upper
 165 100
 63 64.7 40.5 60.7#
 89 57.1 40.0 60.0



#52
 Acenaphthene
 Concen: 66.537 ng
 RT: 9.88 min Scan# 1325
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

Tgt Ion:154 Resp: 3768232
 Ion Ratio Lower Upper
 154 100
 153 108.6 87.8 131.8
 152 57.0 43.4 65.2





#53

3-Nitroaniline

Concen: 79.576 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

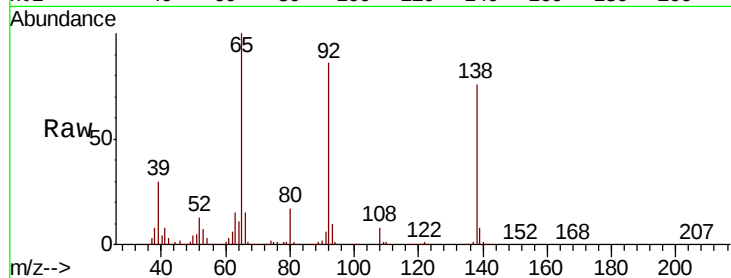
Tgt Ion:138 Resp: 1428215

Ion Ratio Lower Upper

138 100

108 10.5 8.2 12.4

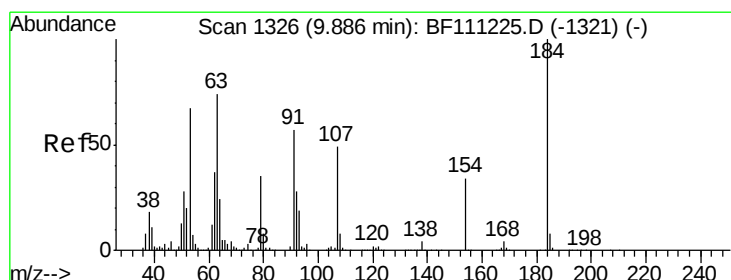
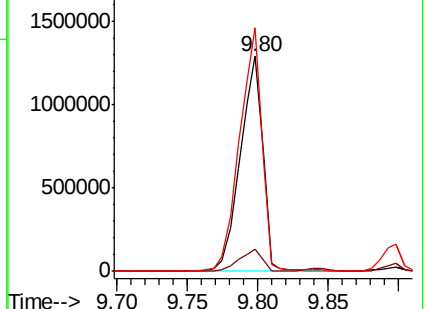
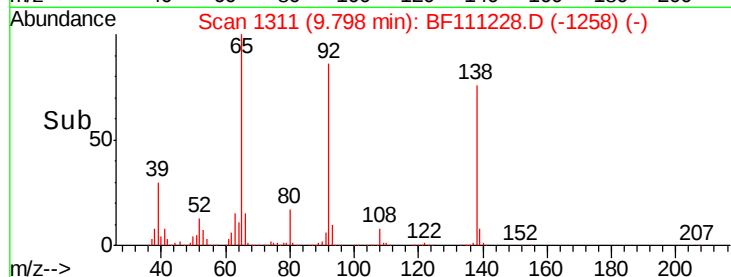
92 113.2 93.4 140.2



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: 120.821 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

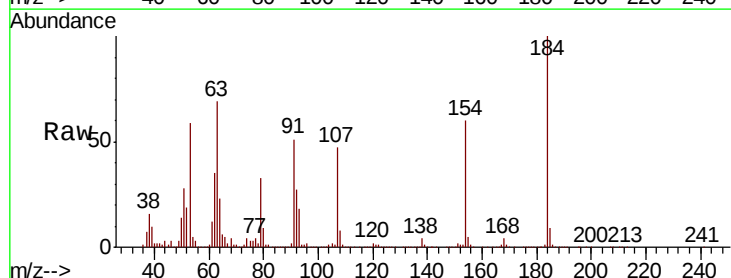
Tgt Ion:184 Resp: 512229

Ion Ratio Lower Upper

184 100

63 68.5 62.3 93.5

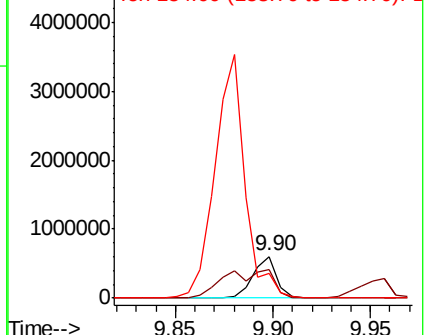
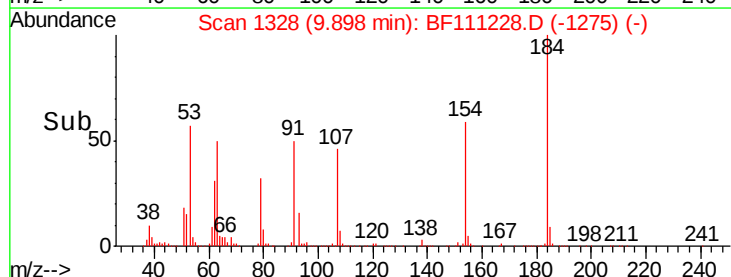
154 59.6 56.2 84.2

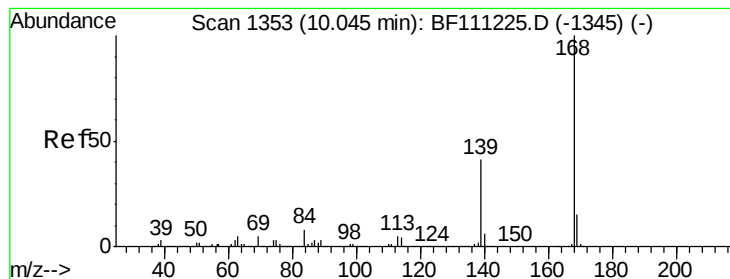


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BF1

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzofuran

Concen: 63.957 ng

RT: 10.05 min Scan# 1354

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

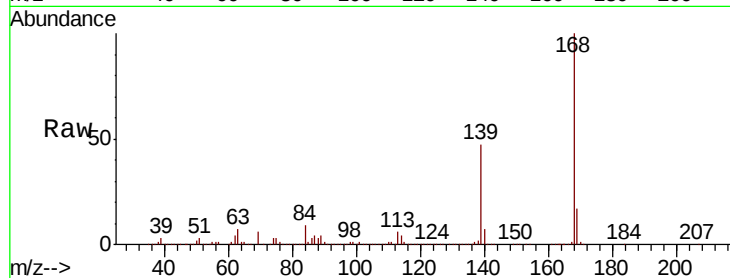
Tgt Ion:168 Resp: 4974689

Ion Ratio Lower Upper

168 100

139 47.3 32.6 49.0

169 17.1 11.8 17.6

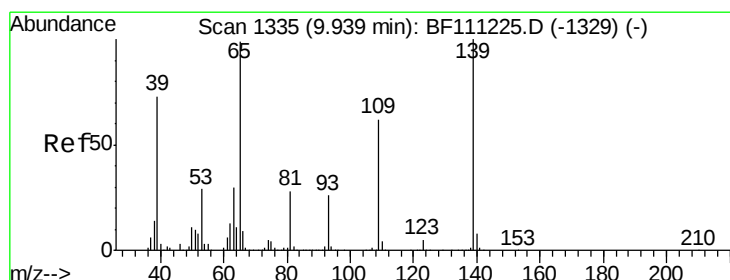
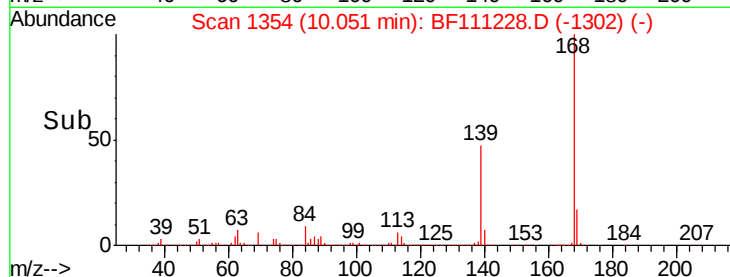
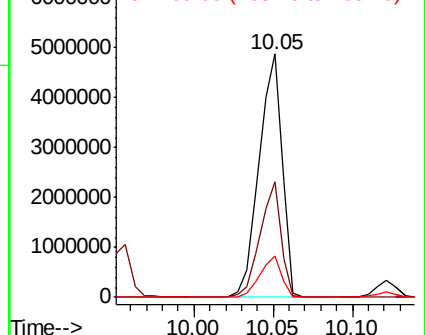


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 84.356 ng

RT: 9.96 min Scan# 1338

Delta R.T. 0.02 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

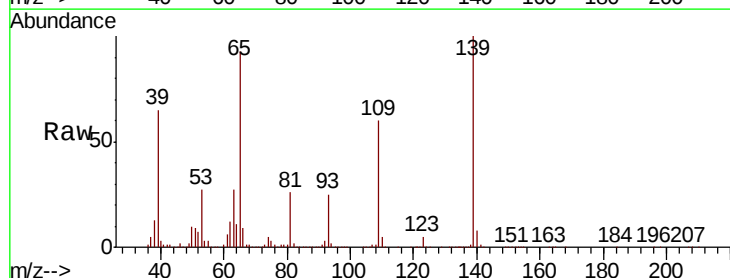
Tgt Ion:139 Resp: 1147321

Ion Ratio Lower Upper

139 100

109 60.3 41.8 81.8

65 92.6 79.6 119.6

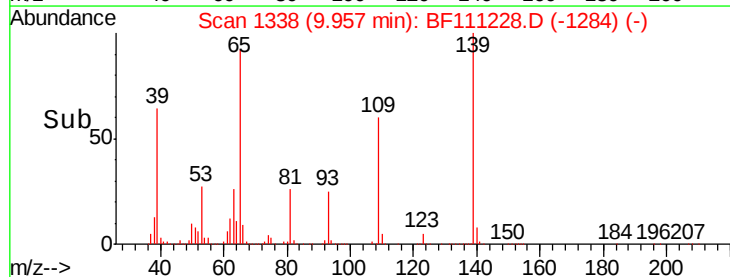
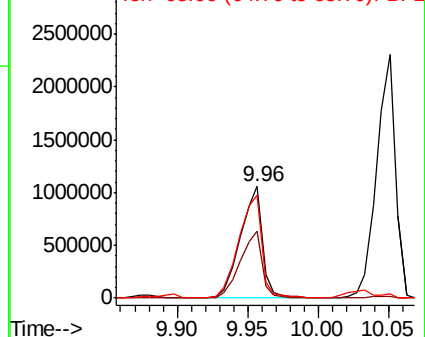


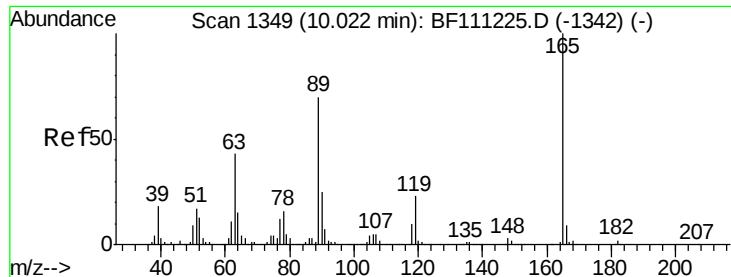
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

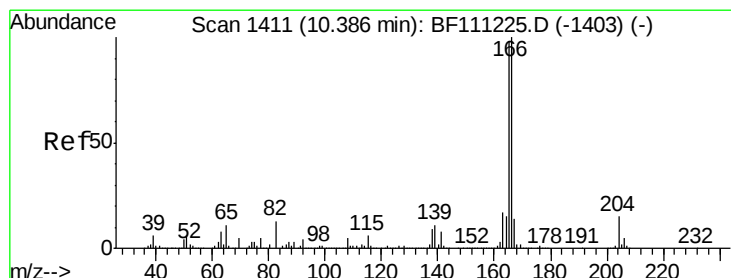
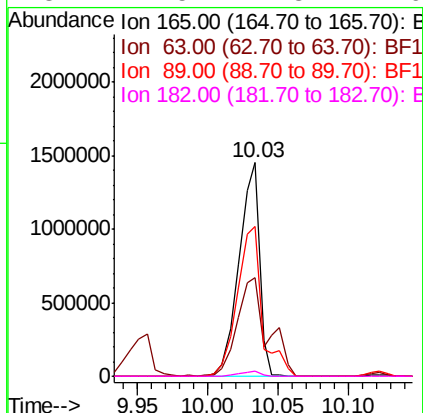
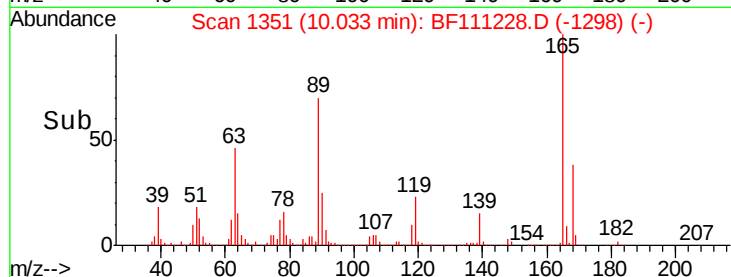
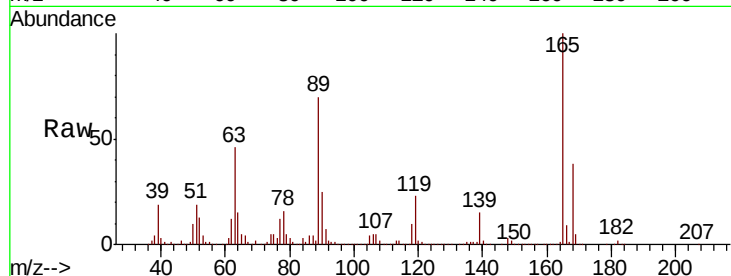




#57
2,4-Dinitrotoluene
Concen: 79.451 ng
RT: 10.03 min Scan# 1351
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

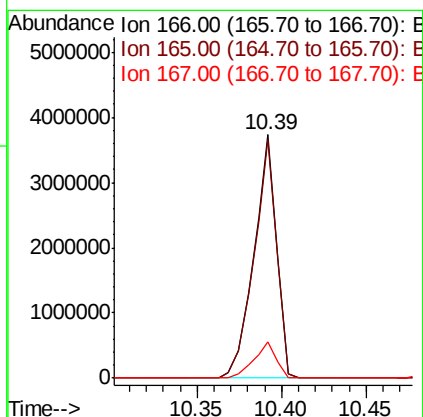
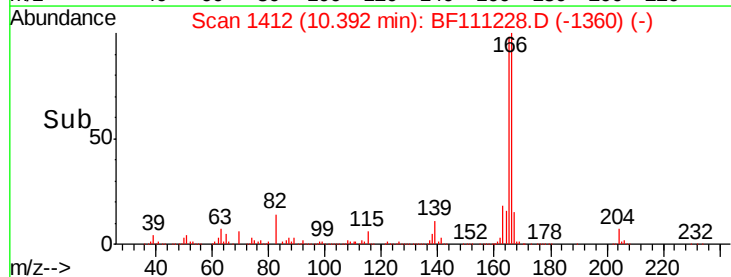
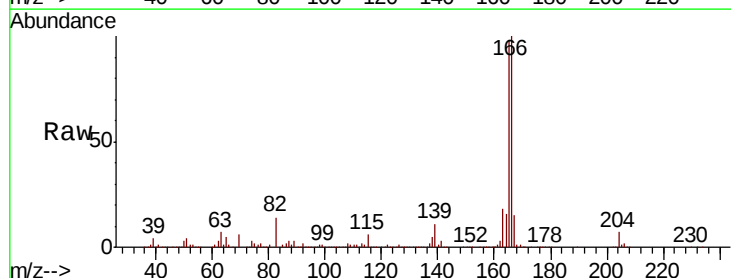
Instrument :
BNA_F
ClientSampleId :
SSTDIC080

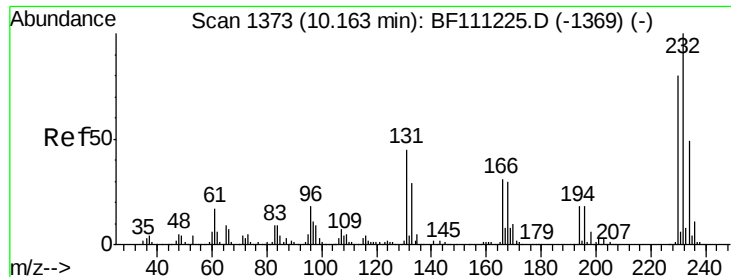
Tgt Ion:165 Resp: 1474020
Ion Ratio Lower Upper
165 100
63 46.0 34.6 52.0
89 70.3 56.2 84.4
182 2.5 1.8 2.6



#58
Fluorene
Concen: 64.017 ng
RT: 10.39 min Scan# 1412
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Tgt Ion:166 Resp: 3498546
Ion Ratio Lower Upper
166 100
165 98.1 78.4 117.6
167 15.1 11.2 16.8

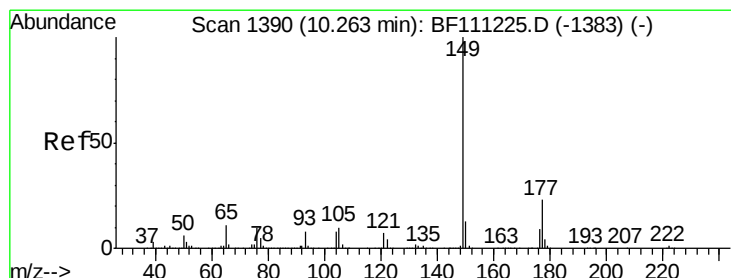
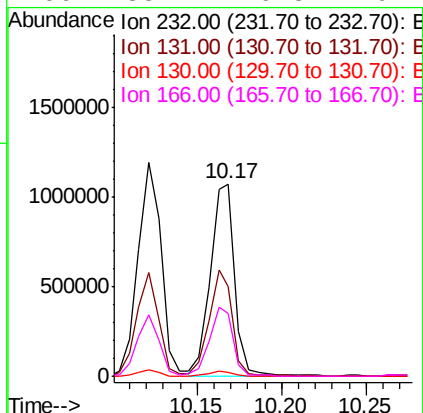
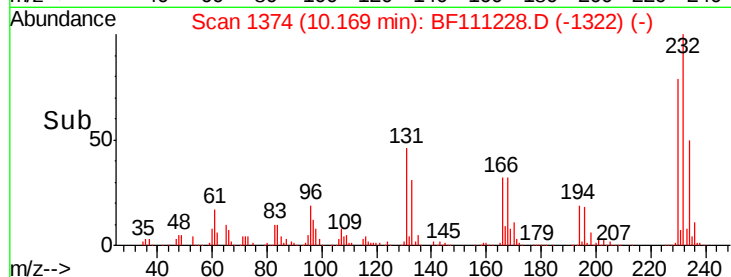
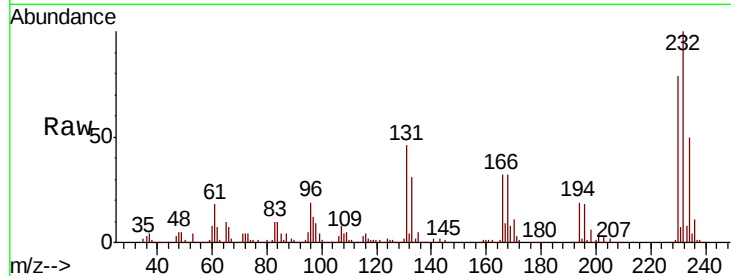




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 74.839 ng
 RT: 10.17 min Scan# 1374
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

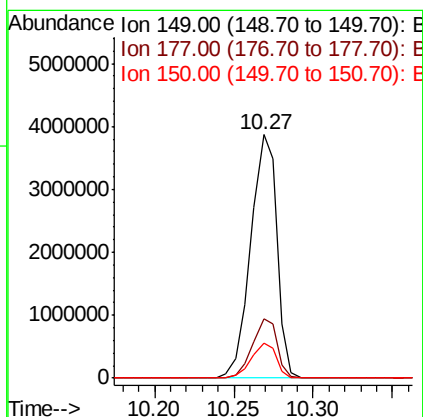
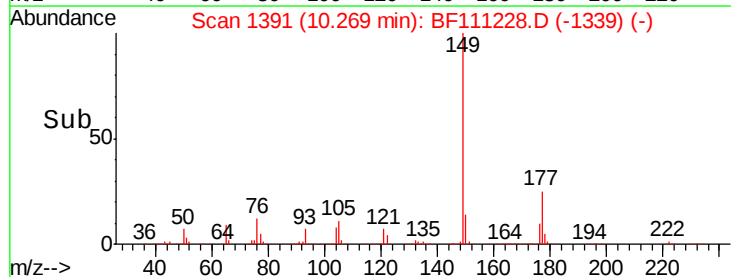
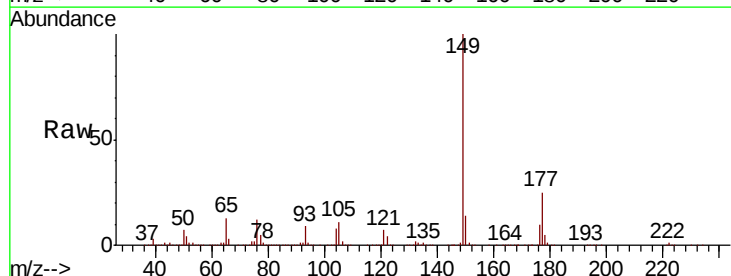
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

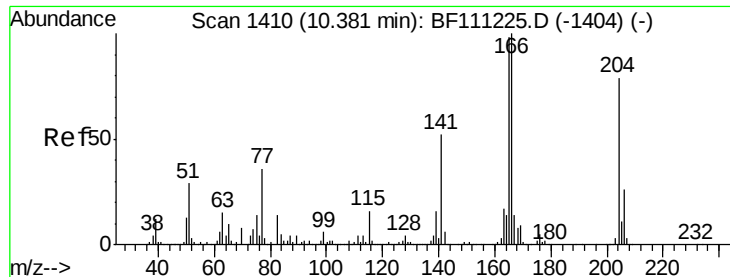
Tgt Ion:232 Resp: 1071604
 Ion Ratio Lower Upper
 232 100
 131 53.1 40.9 61.3
 130 2.6 2.0 3.0
 166 35.2 26.8 40.2



#60
 Diethylphthalate
 Concen: 66.371 ng
 RT: 10.27 min Scan# 1391
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

Tgt Ion:149 Resp: 4440776
 Ion Ratio Lower Upper
 149 100
 177 24.5 18.3 27.5
 150 14.4 10.6 15.8

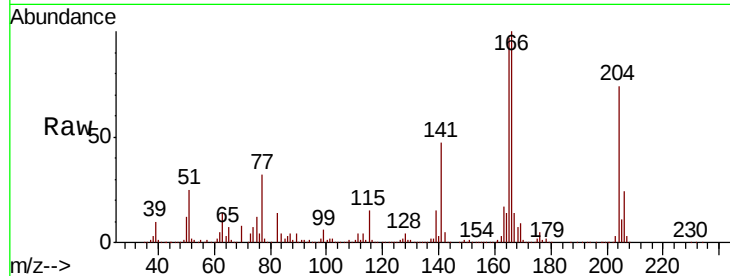




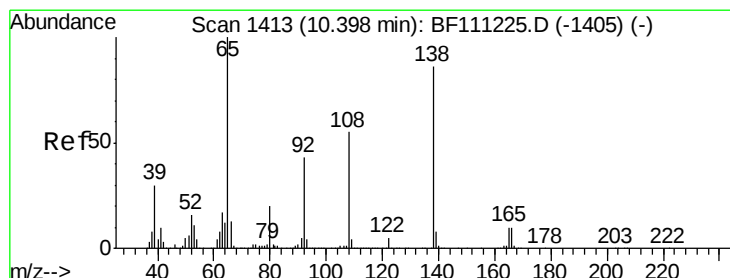
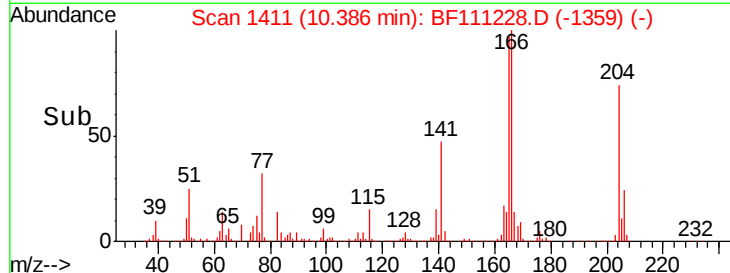
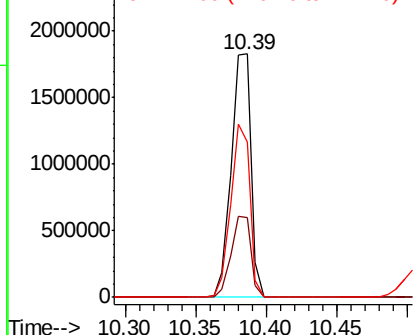
#61
4-Chlorophenyl-phenylether
Concen: 66.138 ng
RT: 10.39 min Scan# 1411
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:204 Resp: 1783791
Ion Ratio Lower Upper
204 100
206 32.9 26.6 39.8
141 63.9 52.6 78.8

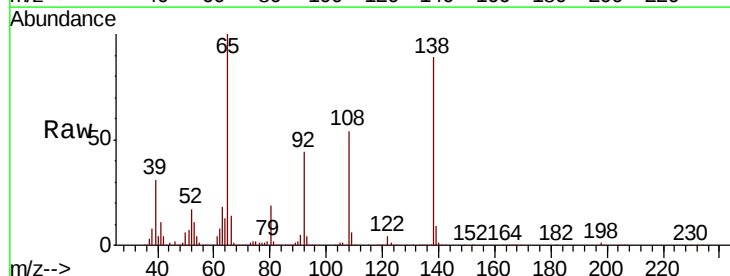


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

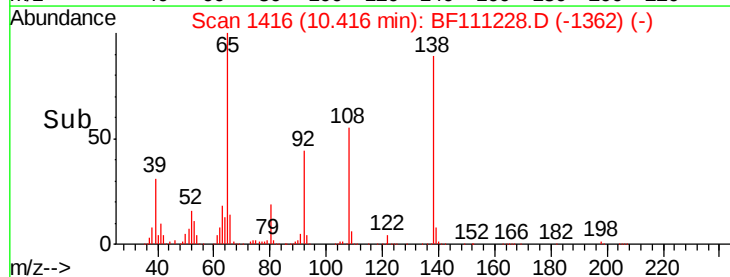
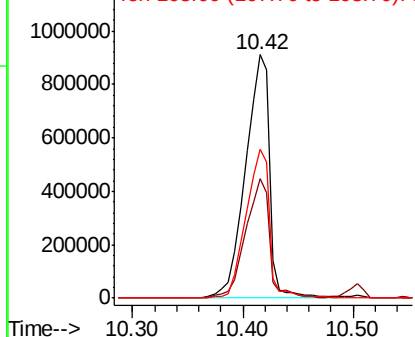


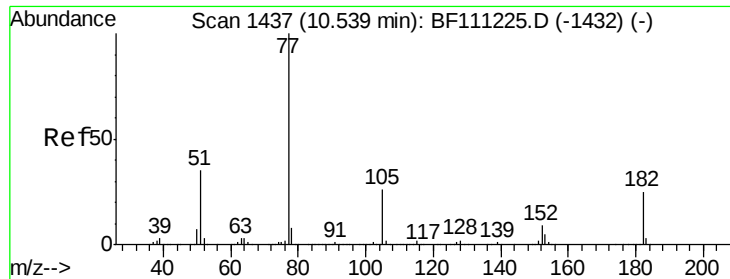
#62
4-Nitroaniline
Concen: 85.693 ng
RT: 10.42 min Scan# 1416
Delta R.T. 0.02 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Tgt Ion:138 Resp: 1401585
Ion Ratio Lower Upper
138 100
92 49.0 29.9 69.9
108 61.2 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

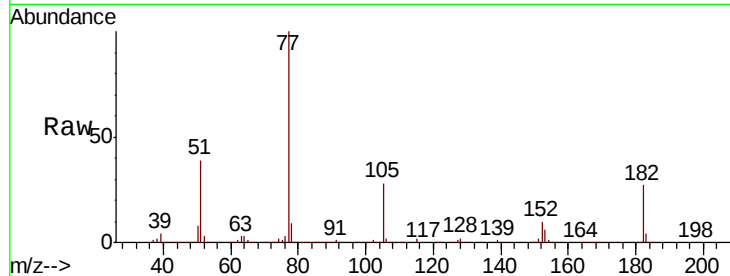




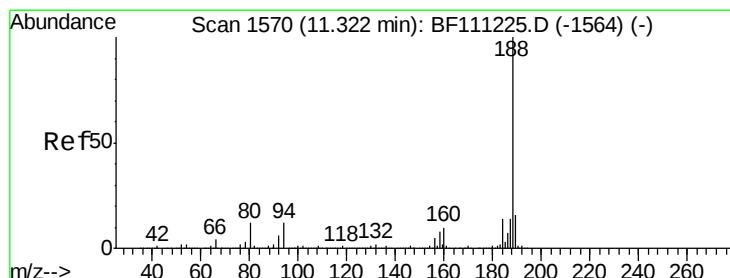
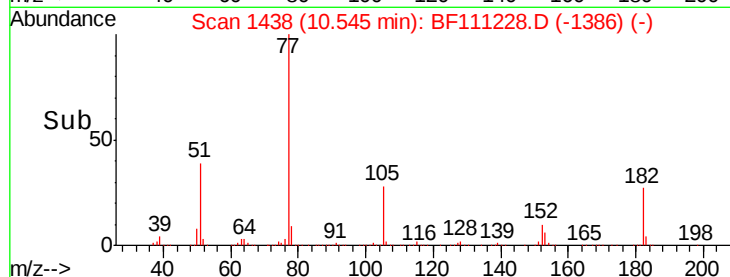
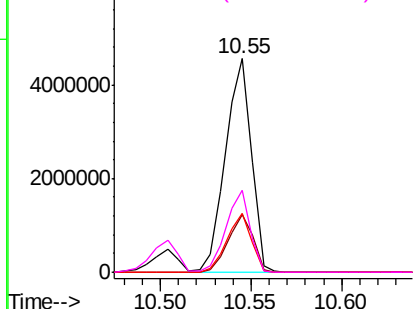
#63
Azobenzene
Concen: 63.807 ng
RT: 10.55 min Scan# 1438
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion: 77 Resp: 4526126
Ion Ratio Lower Upper
77 100
182 27.3 4.9 44.9
105 27.9 6.0 46.0
51 38.5 14.7 54.7

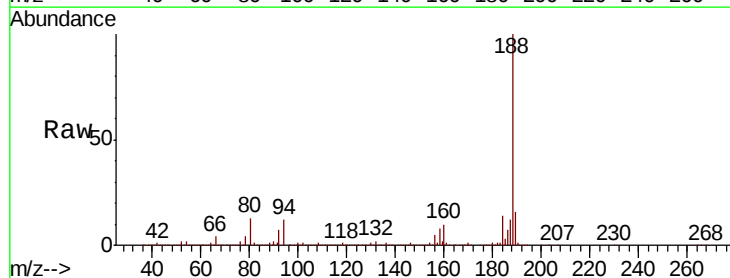


Abundance Ion 77.00 (76.70 to 77.70): BF1
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF1

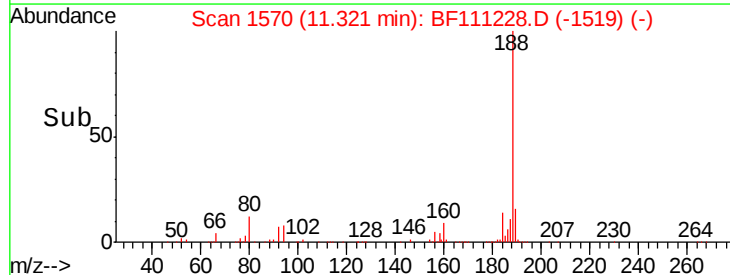
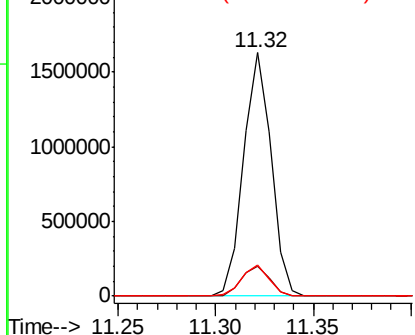


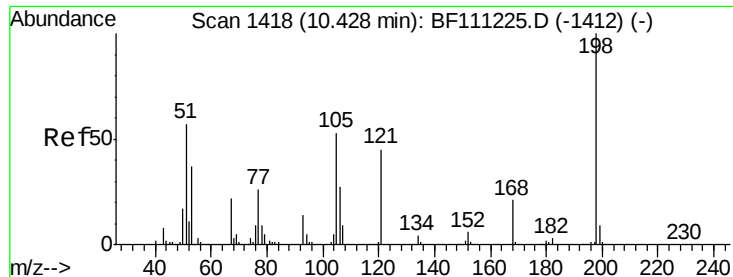
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. -0.00 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Tgt Ion: 188 Resp: 1601302
Ion Ratio Lower Upper
188 100
94 12.0 9.6 14.4
80 12.8 9.8 14.6



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#65

4,6-Dinitro-2-methylphenol

Concen: 105.636 ng

RT: 10.44 min Scan# 1420

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

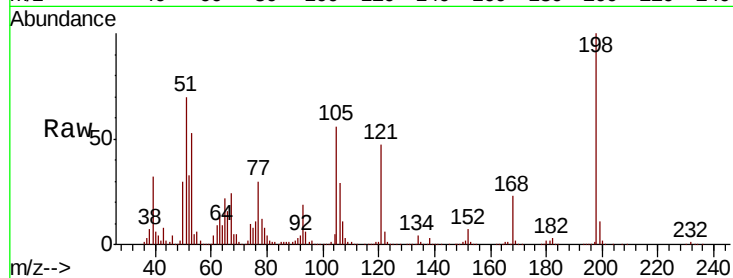
Tgt Ion:198 Resp: 748951

Ion Ratio Lower Upper

198 100

51 69.9 48.0 88.0

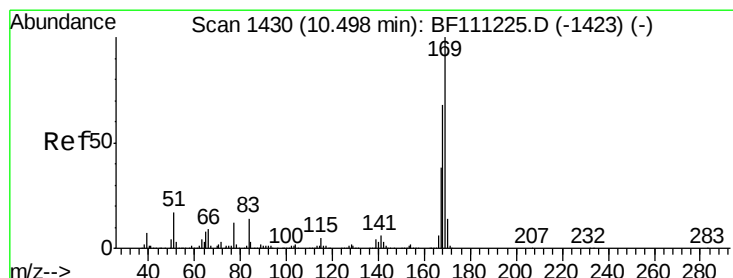
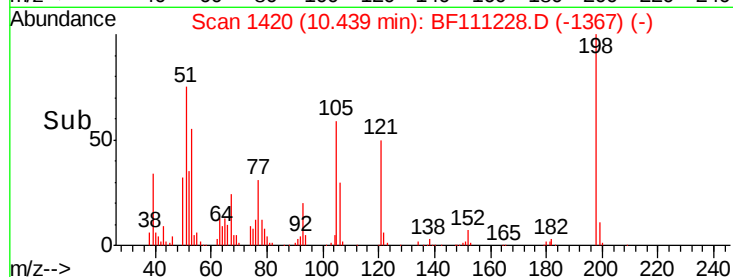
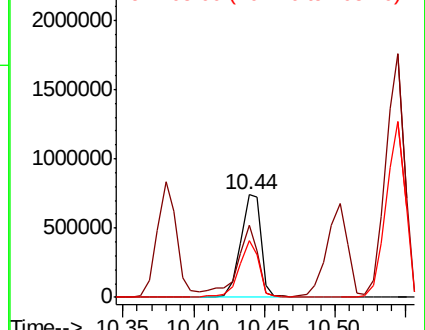
105 55.7 34.0 74.0



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: 66.785 ng

RT: 10.50 min Scan# 1431

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

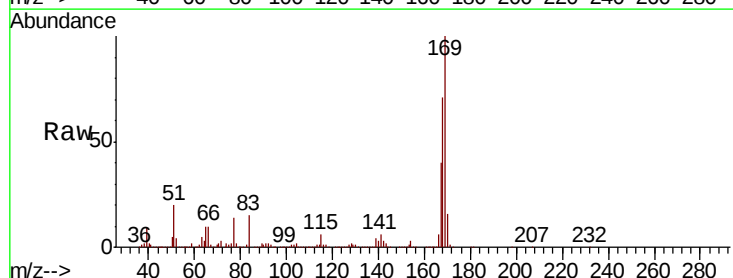
Tgt Ion:169 Resp: 3739645

Ion Ratio Lower Upper

169 100

168 70.9 54.4 81.6

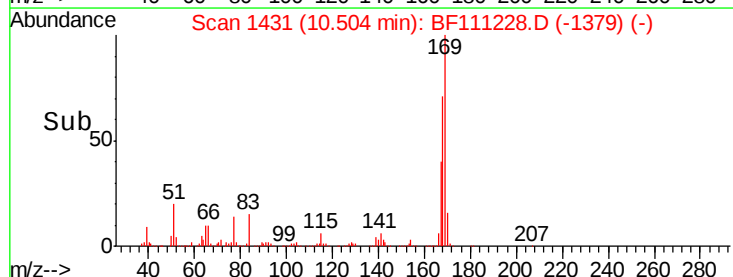
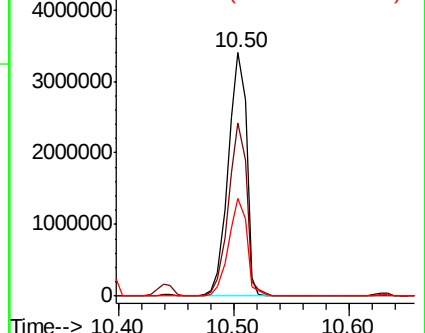
167 40.4 30.5 45.7

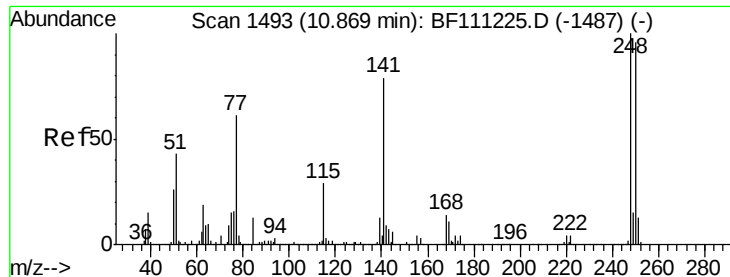


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

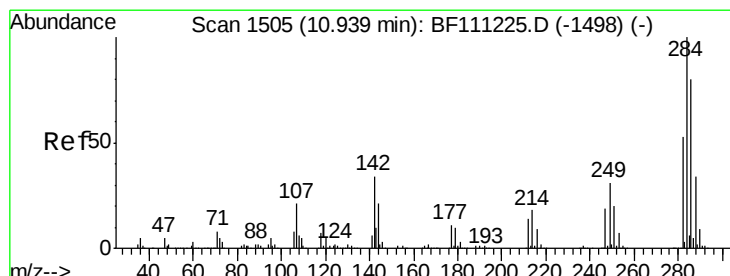
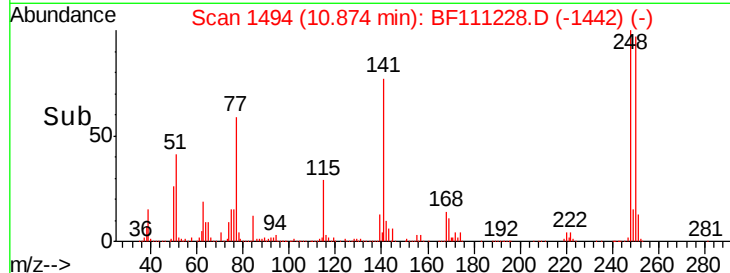
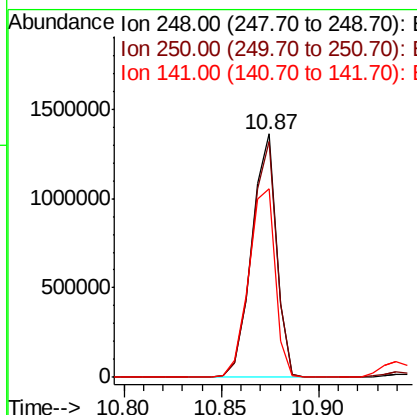
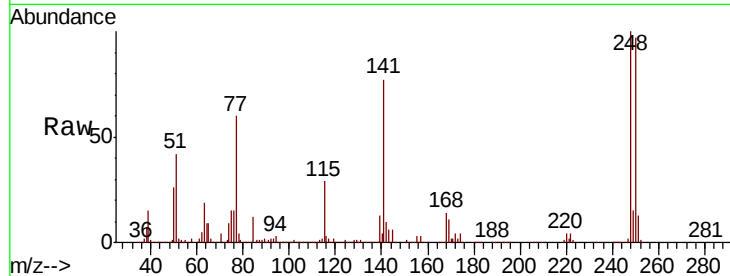




#67
 4-Bromophenyl-phenylether
 Concen: 70.676 ng
 RT: 10.87 min Scan# 1494
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

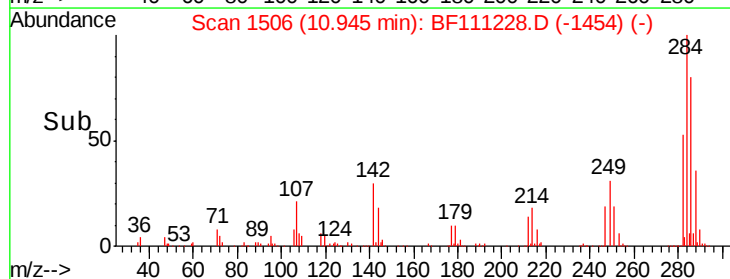
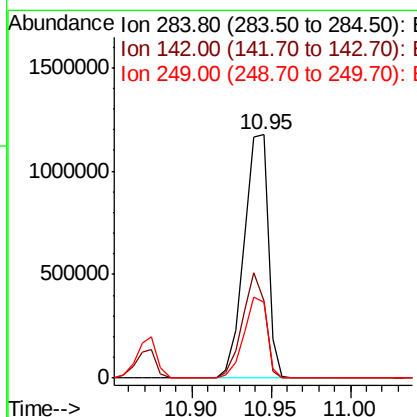
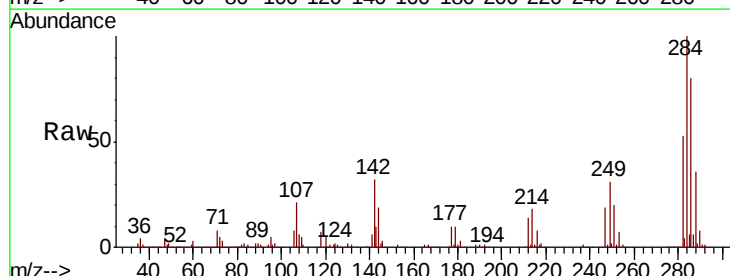
Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

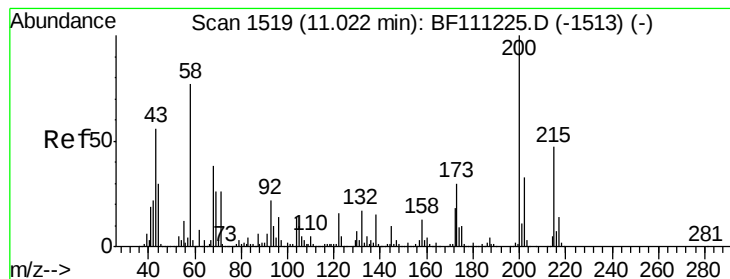
Tgt Ion:248 Resp: 1203927
 Ion Ratio Lower Upper
 248 100
 250 96.8 77.0 115.4
 141 77.4 63.0 94.6



#68
 Hexachlorobenzene
 Concen: 70.790 ng
 RT: 10.95 min Scan# 1506
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

Tgt Ion:284 Resp: 1234117
 Ion Ratio Lower Upper
 284 100
 142 31.7 27.4 41.2
 249 31.4 24.4 36.6





#69

Atrazine

Concen: 69.360 ng

RT: 11.03 min Scan# 1521

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

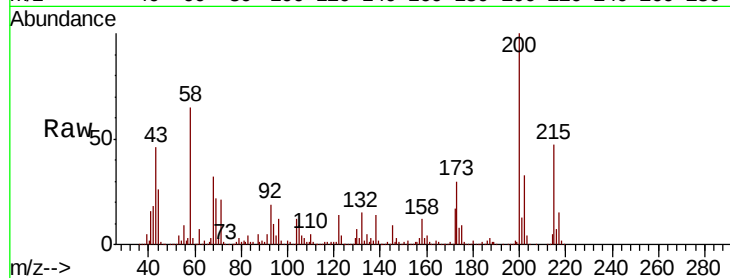
Tgt Ion:200 Resp: 1056906

Ion Ratio Lower Upper

200 100

173 29.7 10.1 50.1

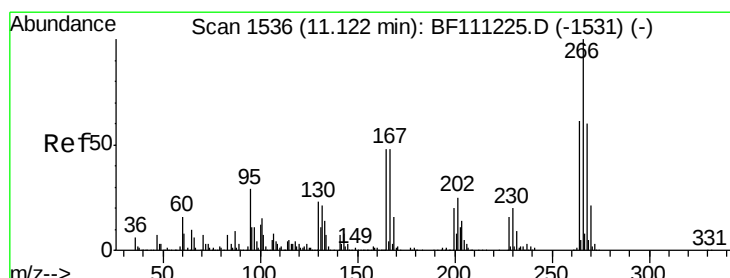
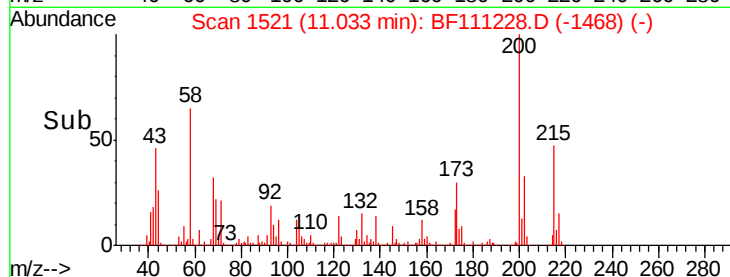
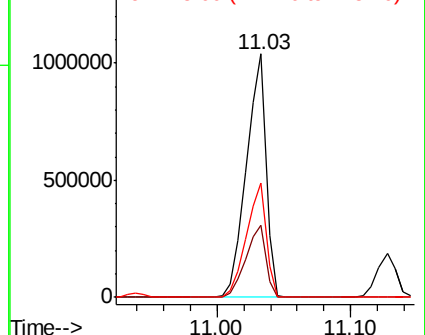
215 46.8 26.9 66.9



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: 80.299 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

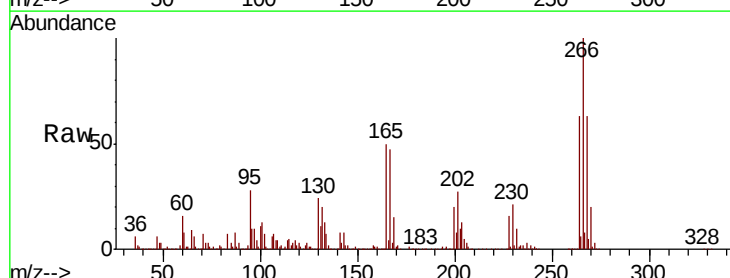
Tgt Ion:266 Resp: 930292

Ion Ratio Lower Upper

266 100

268 62.9 47.9 71.9

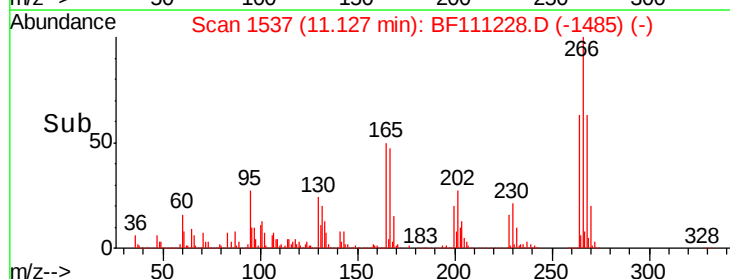
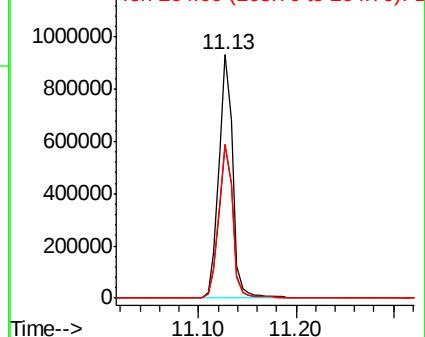
264 63.0 49.1 73.7

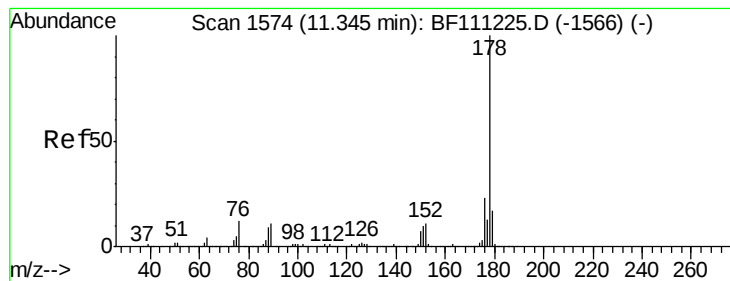


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 65.670 ng

RT: 11.35 min Scan# 1575

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

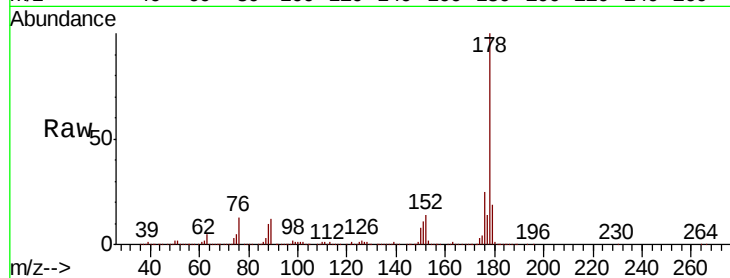
Tgt Ion:178 Resp: 5053763

Ion Ratio Lower Upper

178 100

176 24.8 18.1 27.1

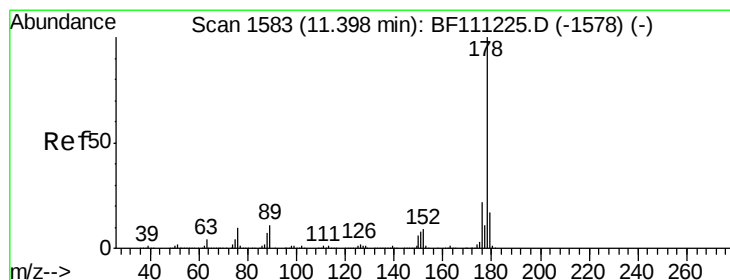
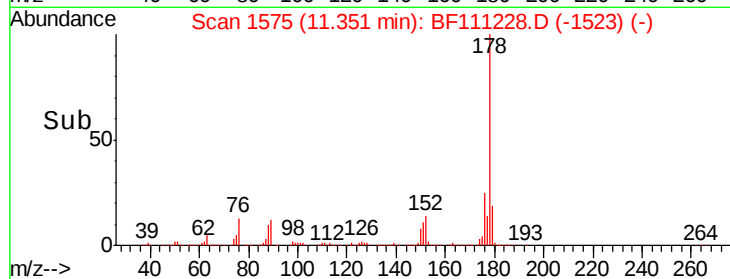
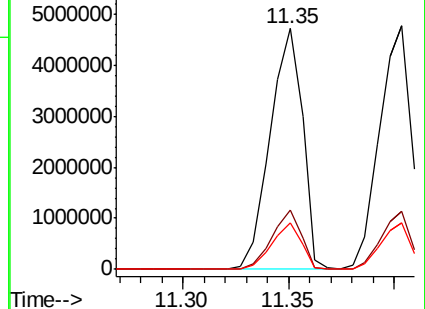
179 19.4 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 64.706 ng

RT: 11.40 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

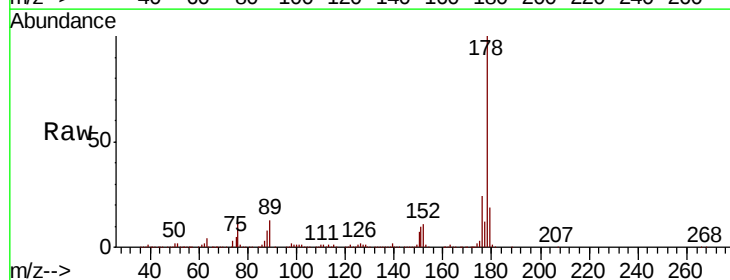
Tgt Ion:178 Resp: 5020842

Ion Ratio Lower Upper

178 100

176 24.0 17.2 25.8

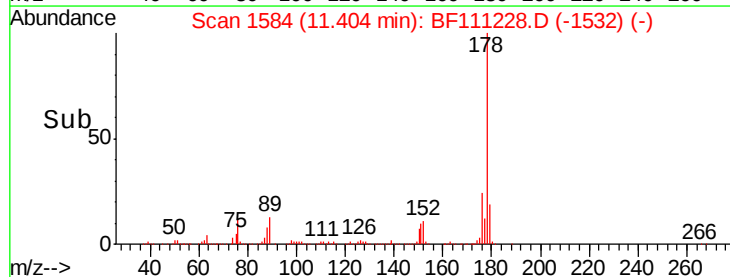
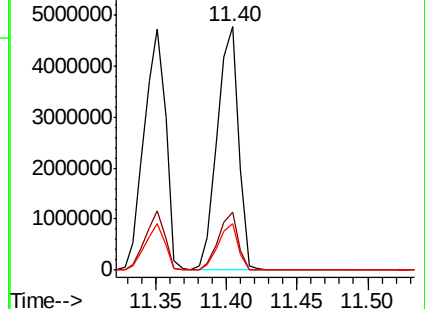
179 19.3 13.8 20.8

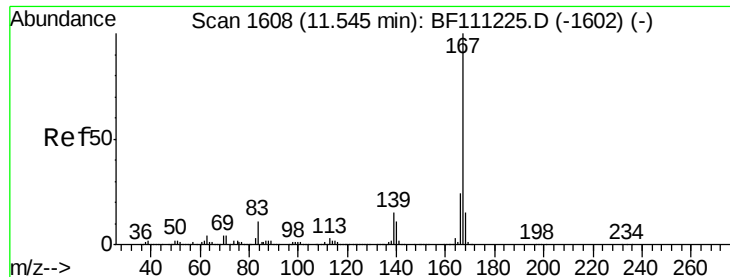


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

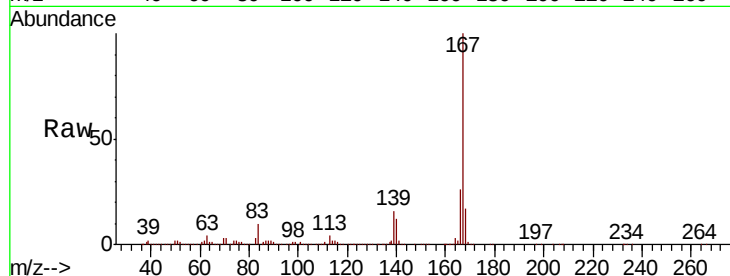




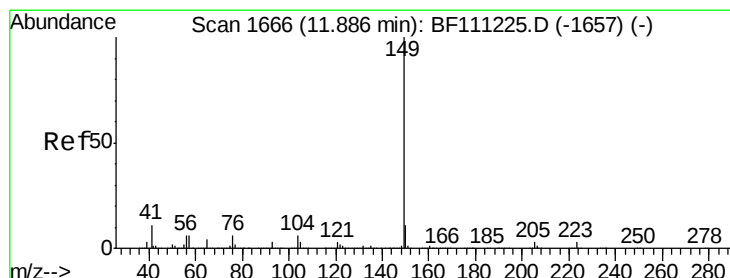
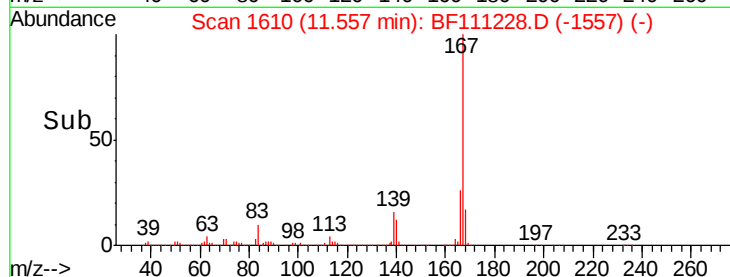
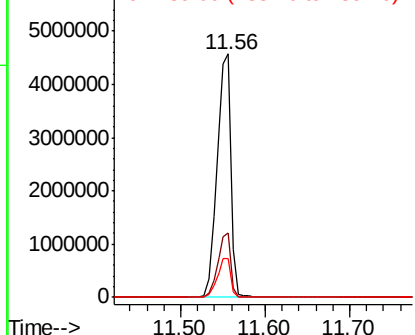
#73
 Carbazole
 Concen: 66.325 ng
 RT: 11.56 min Scan# 1610
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

Instrument :
 BNA_F
 ClientSampleId :
 SSTDICC080

Tgt Ion:167 Resp: 5363394
 Ion Ratio Lower Upper
 167 100
 166 26.5 19.3 28.9
 139 15.8 11.9 17.9

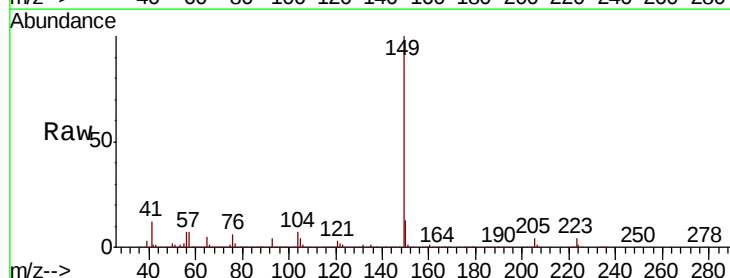


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

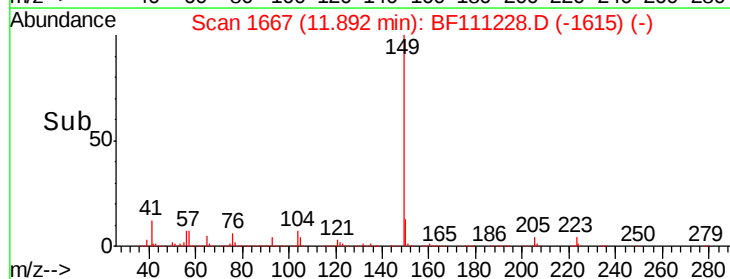
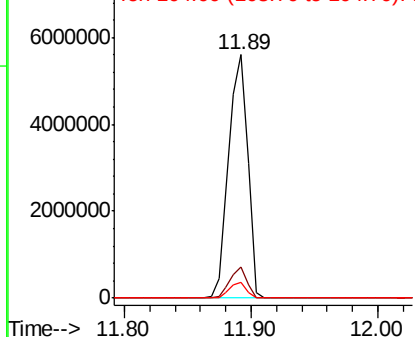


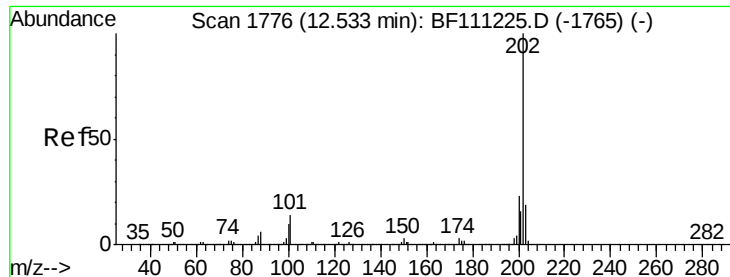
#74
 Di-n-butylphthalate
 Concen: 61.257 ng
 RT: 11.89 min Scan# 1667
 Delta R.T. 0.01 min
 Lab File: BF111228.D
 Acq: 8 Dec 2018 14:25

Tgt Ion:149 Resp: 5793931
 Ion Ratio Lower Upper
 149 100
 150 12.9 8.8 13.2
 104 6.7 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: 65.260 ng

RT: 12.54 min Scan# 1777

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

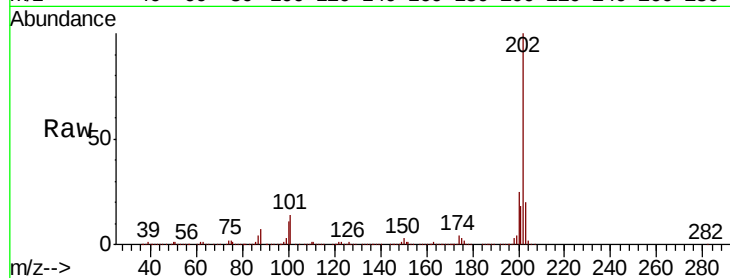
Tgt Ion:202 Resp: 4931664

Ion Ratio Lower Upper

202 100

101 14.1 0.0 33.8

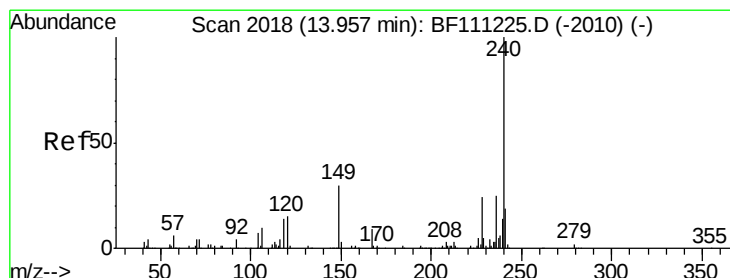
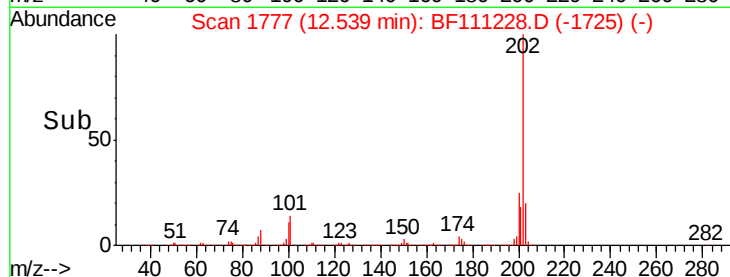
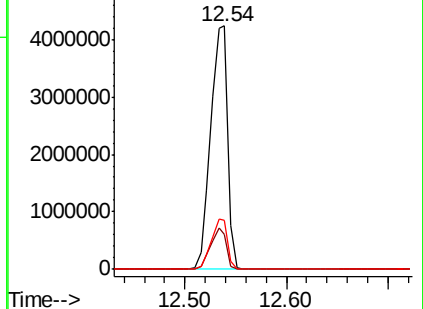
203 20.1 0.0 38.6



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: BF111228.D

Acq: 8 Dec 2018 14:25

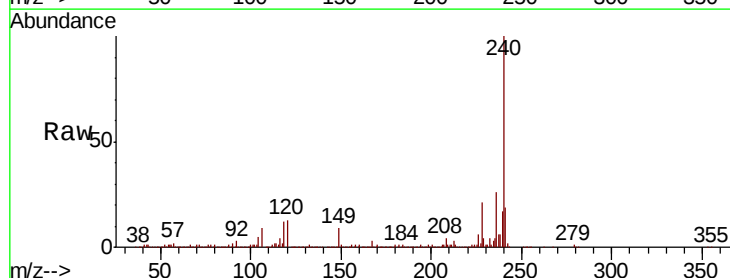
Tgt Ion:240 Resp: 925571

Ion Ratio Lower Upper

240 100

120 12.9 12.2 18.2

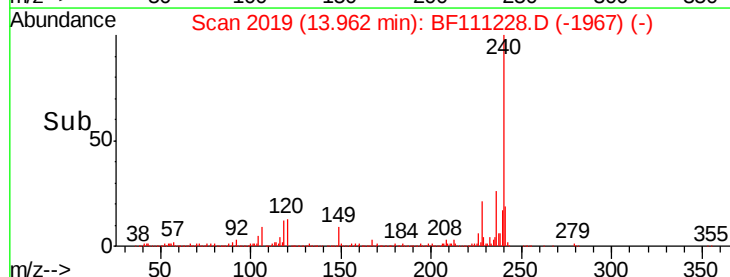
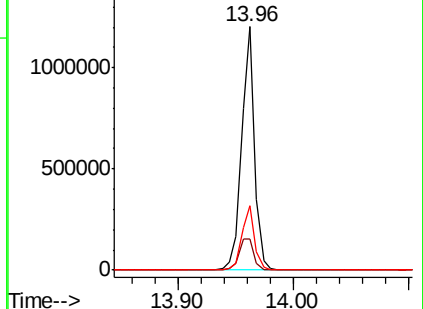
236 26.2 20.2 30.2

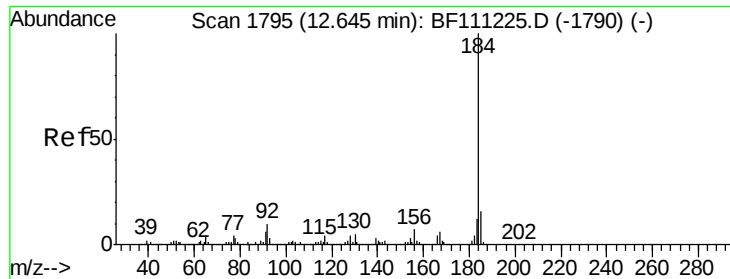


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 62.733 ng

RT: 12.65 min Scan# 1796

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

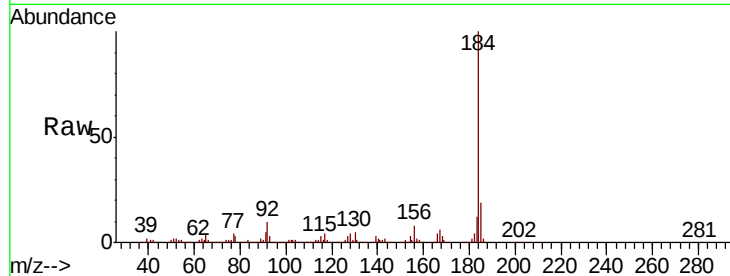
Tgt Ion:184 Resp: 1969518

Ion Ratio Lower Upper

184 100

185 19.3 13.0 19.6

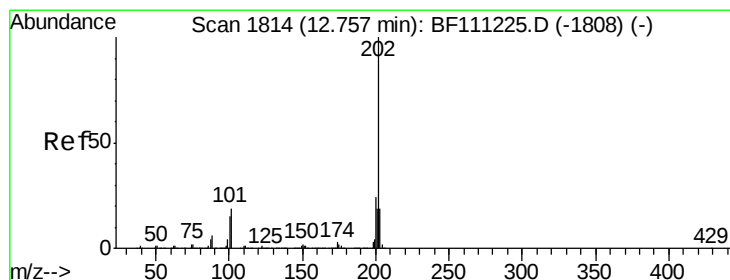
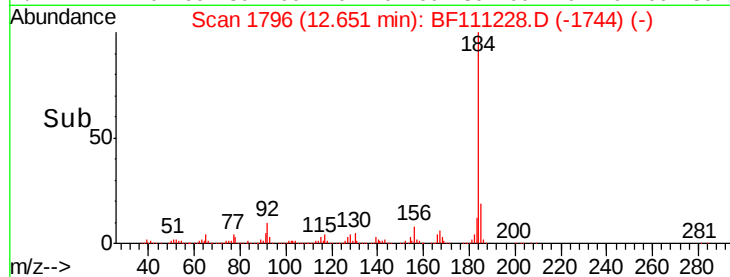
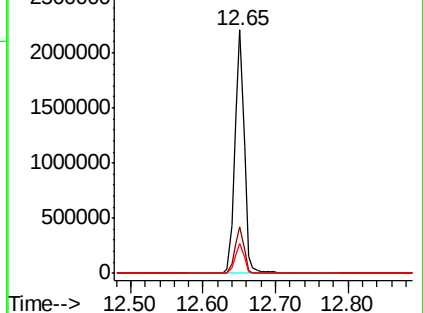
183 12.0 9.3 13.9



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: 70.583 ng

RT: 12.76 min Scan# 1815

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

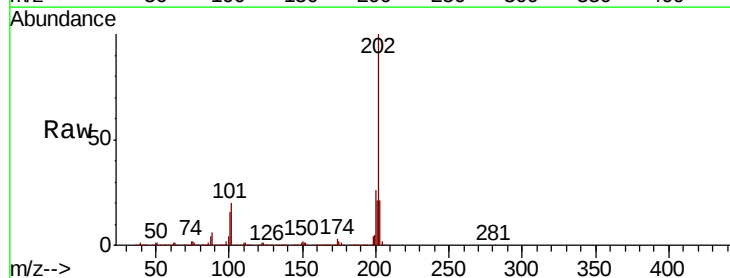
Tgt Ion:202 Resp: 5036494

Ion Ratio Lower Upper

202 100

200 25.9 19.0 28.4

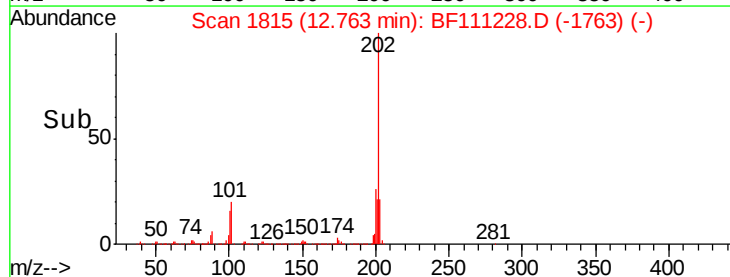
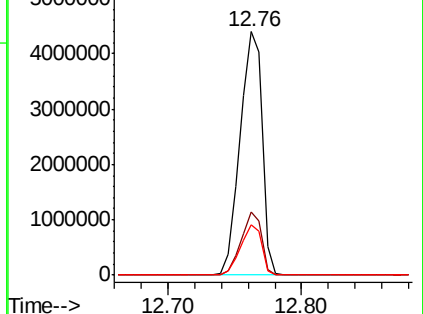
203 20.7 15.2 22.8

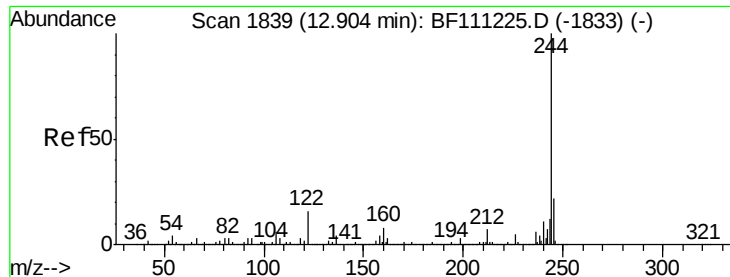


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 122.914 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

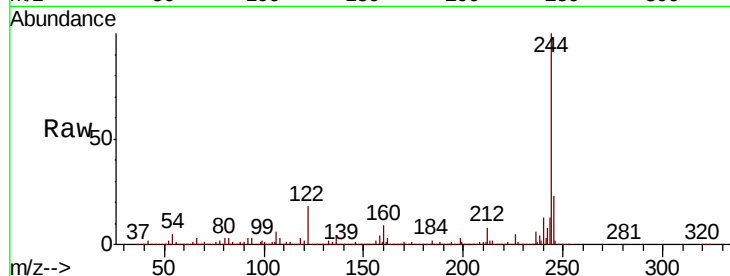
Tgt Ion:244 Resp: 5456981

Ion Ratio Lower Upper

244 100

212 8.1 5.7 8.5

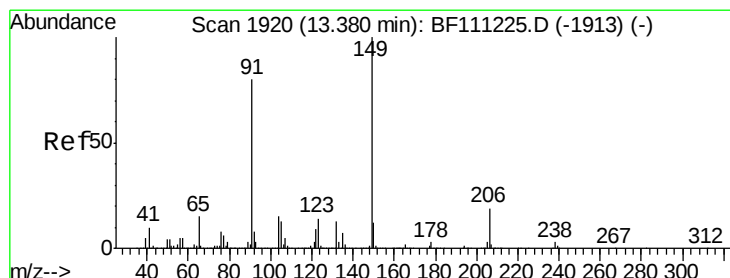
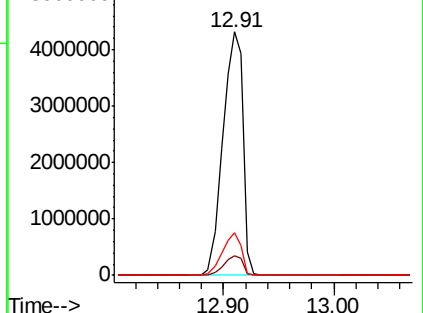
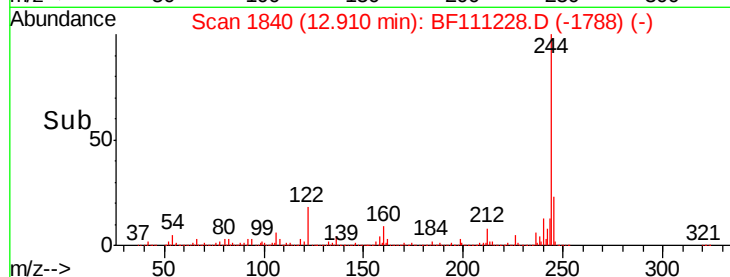
122 17.8 13.1 19.7



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: 76.994 ng

RT: 13.39 min Scan# 1921

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

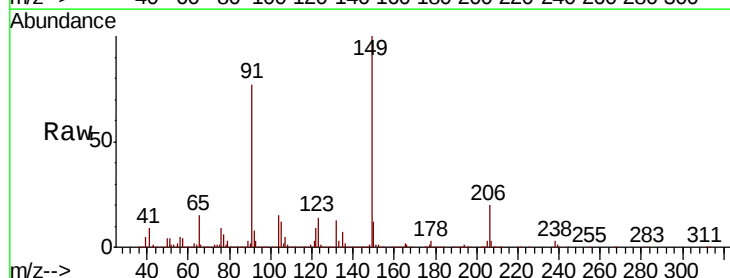
Tgt Ion:149 Resp: 2661298

Ion Ratio Lower Upper

149 100

91 76.5 63.8 95.6

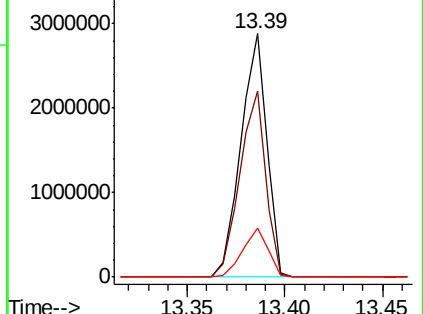
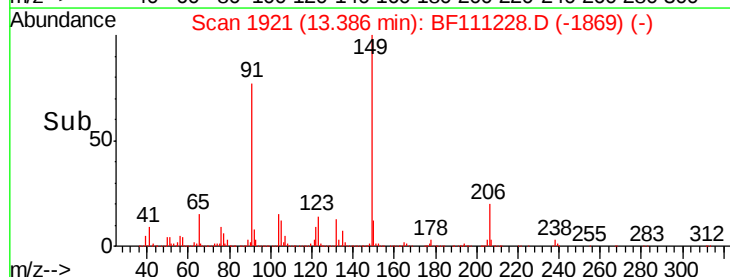
206 20.2 15.1 22.7

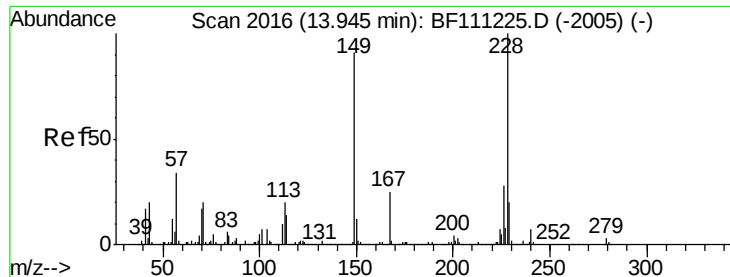


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 67.498 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

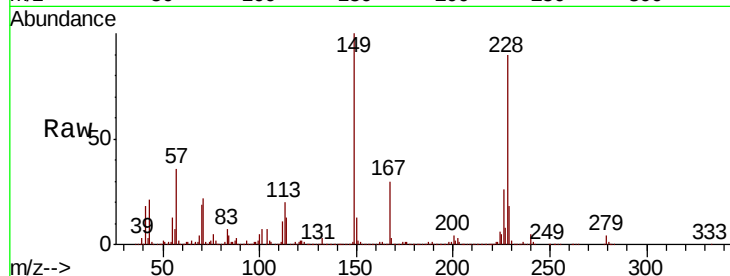
Tgt Ion:228 Resp: 3624845

Ion Ratio Lower Upper

228 100

226 29.0 22.6 34.0

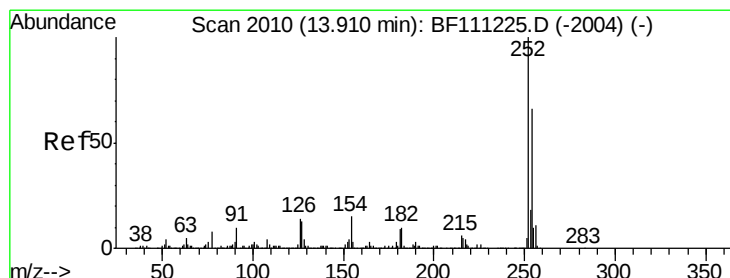
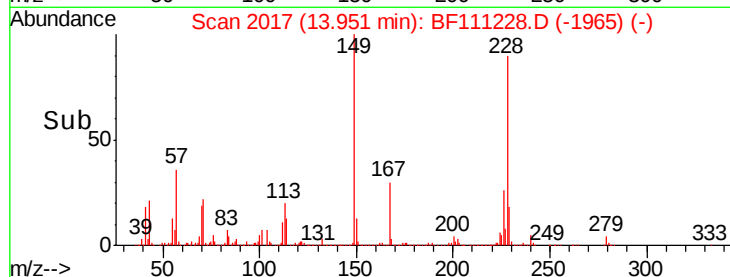
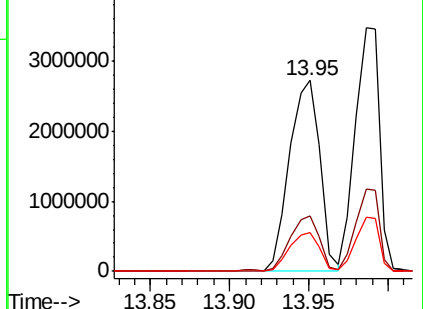
229 20.4 16.3 24.5



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: 68.267 ng

RT: 13.92 min Scan# 2011

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

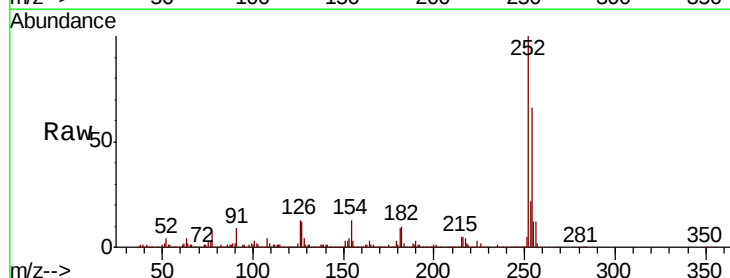
Tgt Ion:252 Resp: 1400552

Ion Ratio Lower Upper

252 100

254 66.2 52.7 79.1

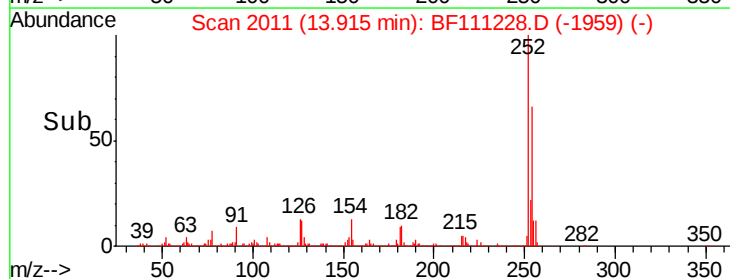
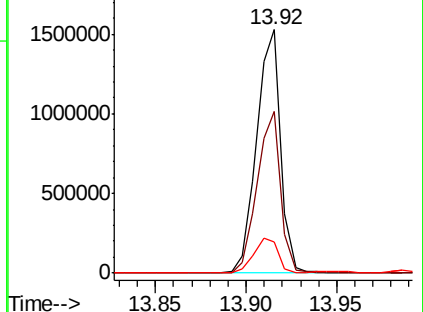
126 12.7 11.1 16.7

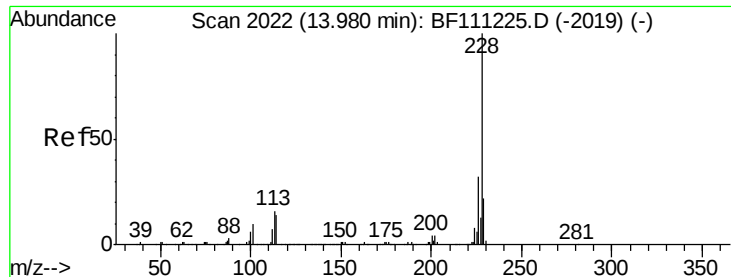


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 69.665 ng

RT: 13.99 min Scan# 2023

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

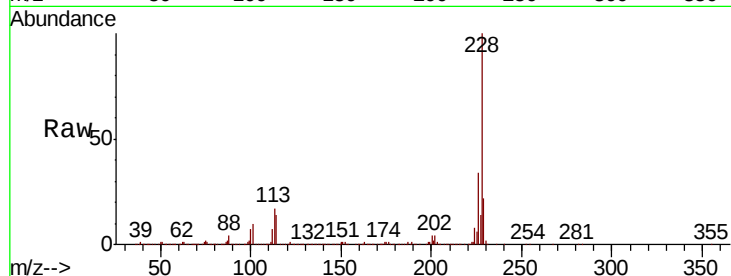
Tgt Ion:228 Resp: 3744046

Ion Ratio Lower Upper

228 100

226 33.8 25.3 37.9

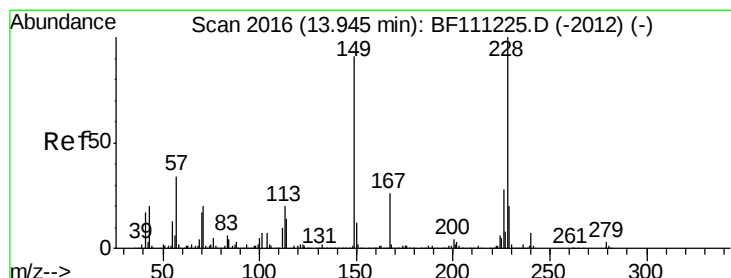
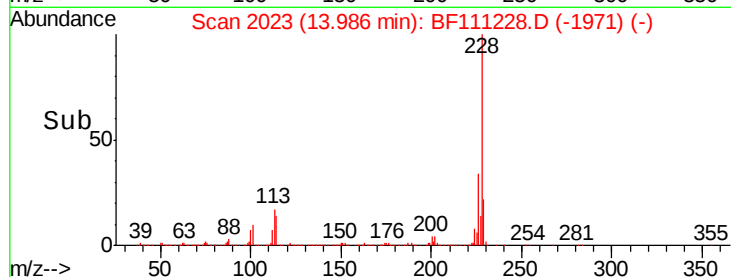
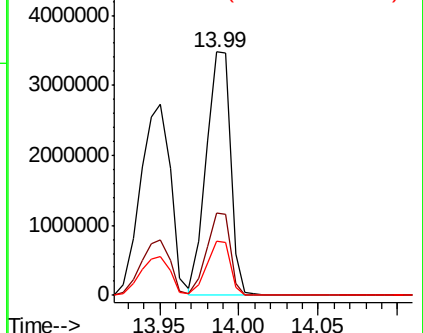
229 22.0 17.2 25.8



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: 70.843 ng

RT: 13.95 min Scan# 2017

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

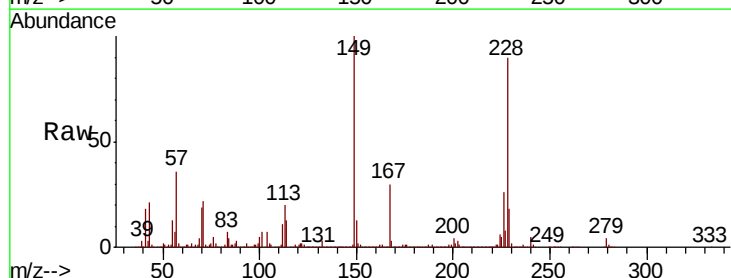
Tgt Ion:149 Resp: 2945455

Ion Ratio Lower Upper

149 100

167 29.7 22.5 33.7

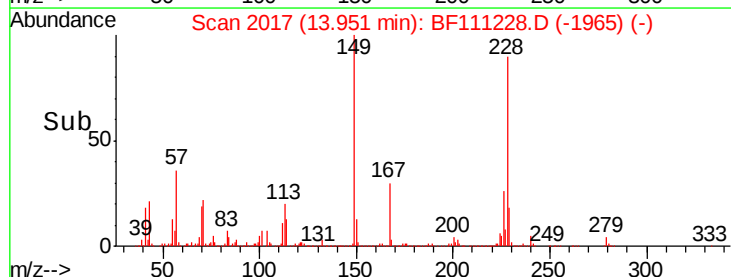
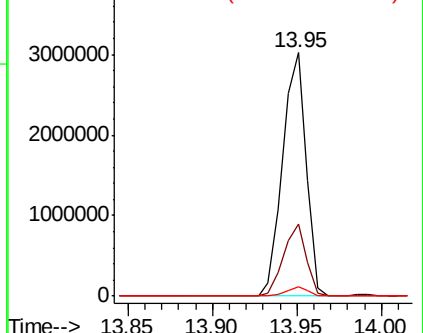
279 3.8 2.6 4.0

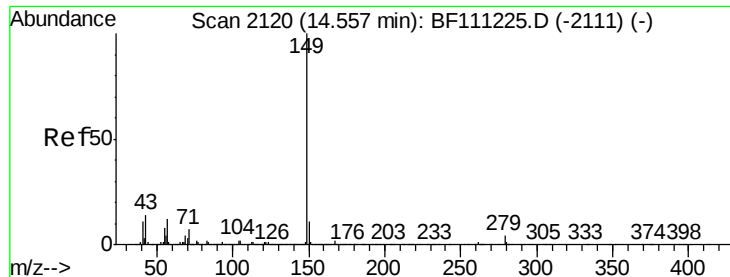


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 72.159 ng

RT: 14.56 min Scan# 2120

Delta R.T. -0.00 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

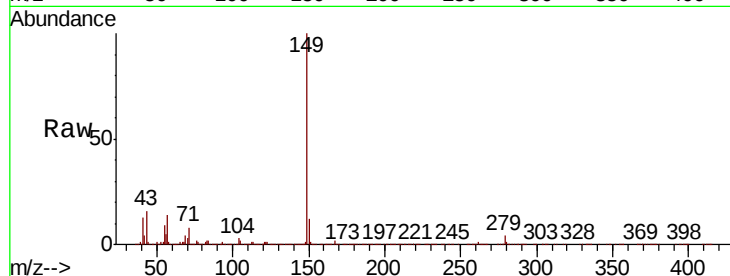
Tgt Ion:149 Resp: 4789771

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

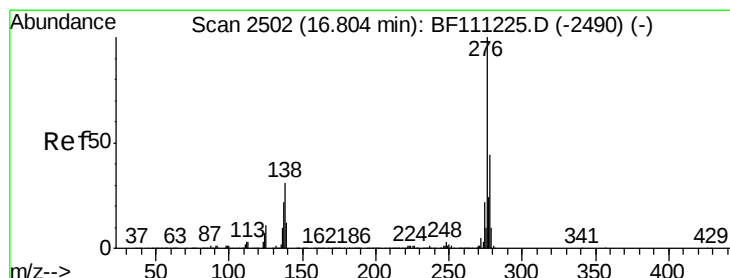
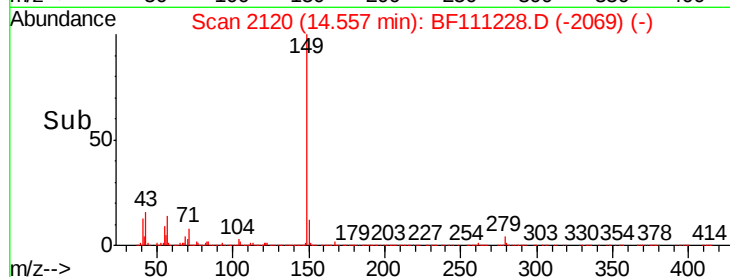
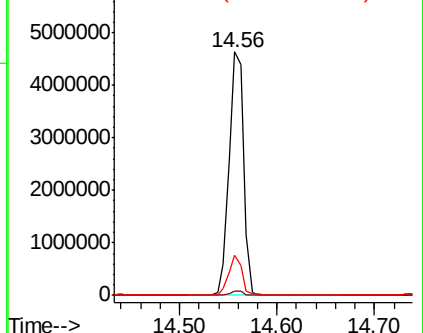
43 15.0 10.9 16.3



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: 85.592 ng

RT: 16.81 min Scan# 2503

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

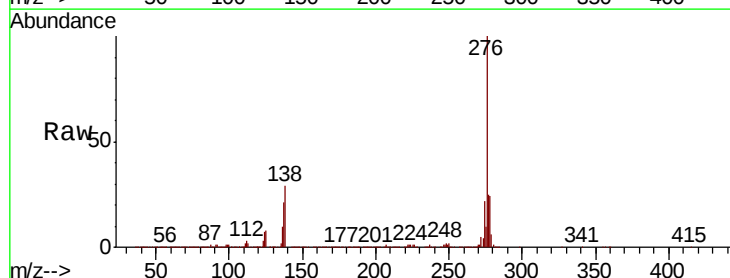
Tgt Ion:276 Resp: 3711060

Ion Ratio Lower Upper

276 100

138 34.0 27.8 41.6

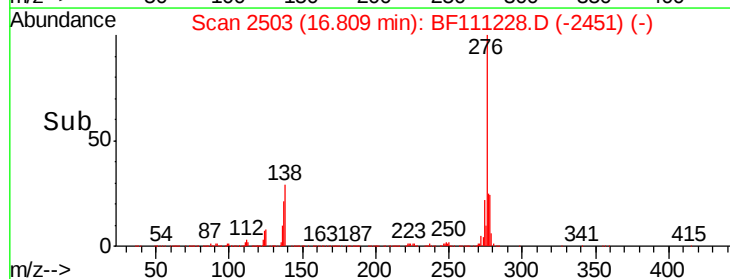
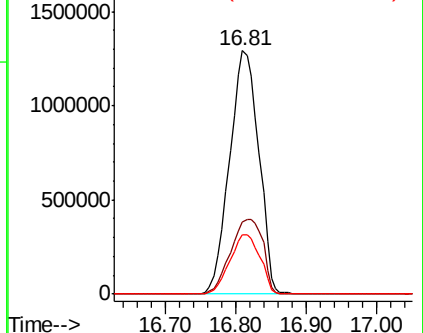
277 25.4 20.1 30.1

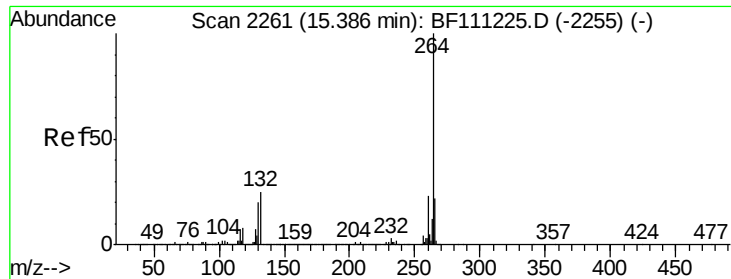


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDIC080

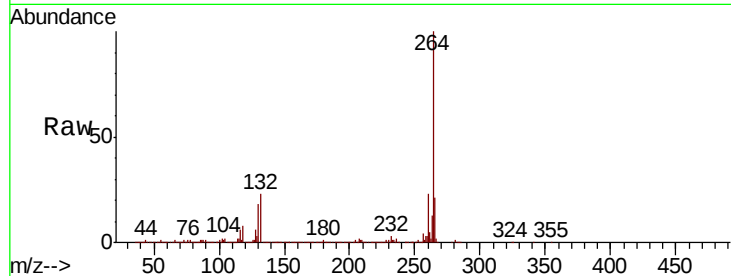
Tgt Ion: 264 Resp: 886023

Ion Ratio Lower Upper

264 100

260 23.3 18.3 27.5

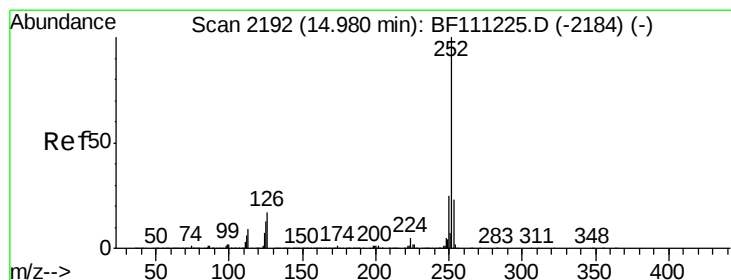
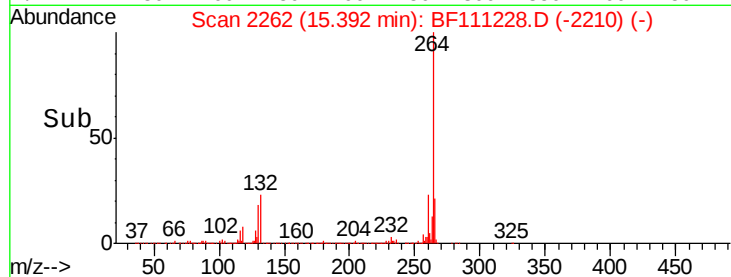
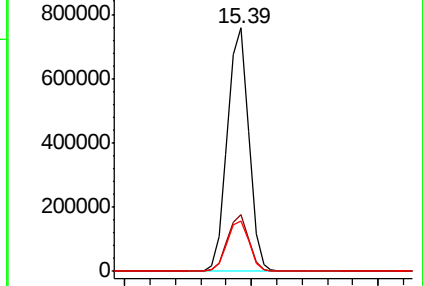
265 20.9 17.7 26.5



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 74.433 ng

RT: 14.99 min Scan# 2193

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

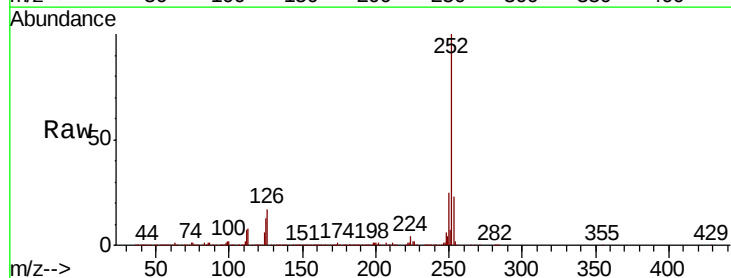
Tgt Ion: 252 Resp: 3735558

Ion Ratio Lower Upper

252 100

253 22.9 18.2 27.2

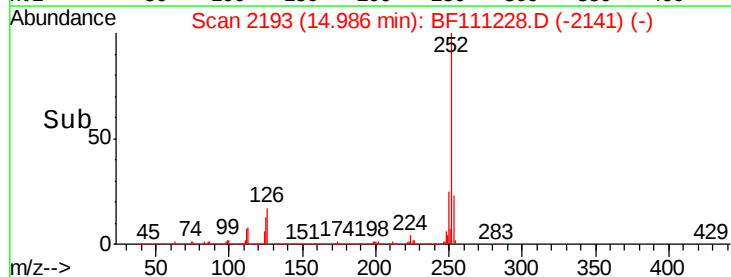
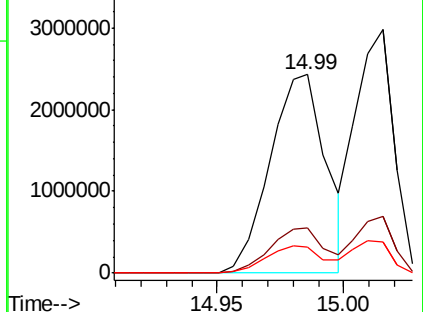
125 13.1 10.4 15.6

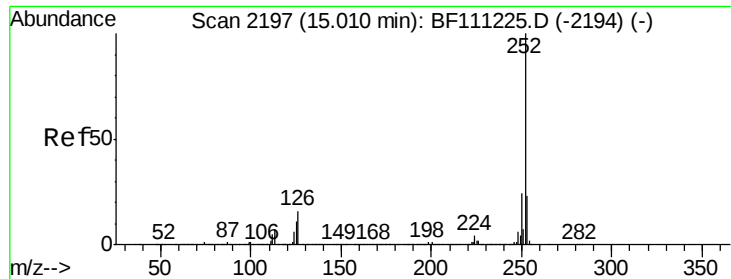


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

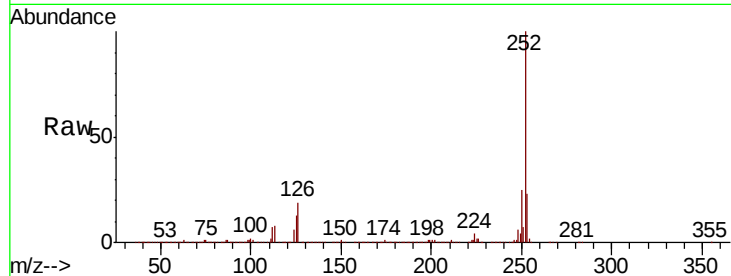




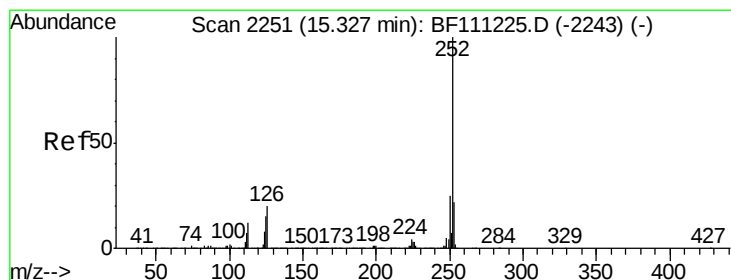
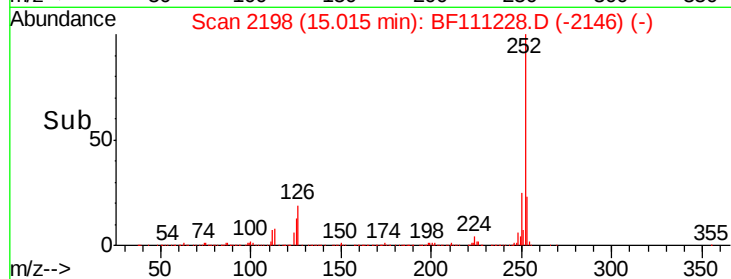
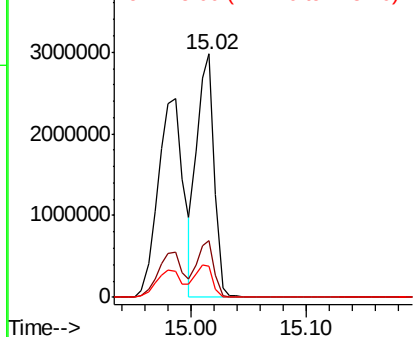
#89
Benzo(k)fluoranthene
Concen: 65.046 ng
RT: 15.02 min Scan# 2198
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Instrument :
BNA_F
ClientSampleId :
SSTDIC080

Tgt Ion:252 Resp: 3142438
Ion Ratio Lower Upper
252 100
253 23.3 18.1 27.1
125 12.8 9.8 14.8

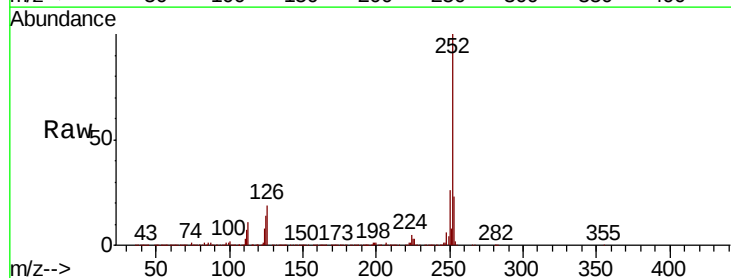


Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

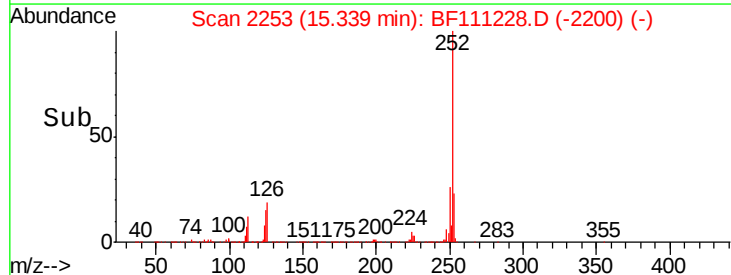
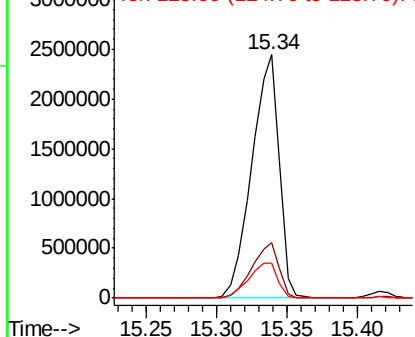


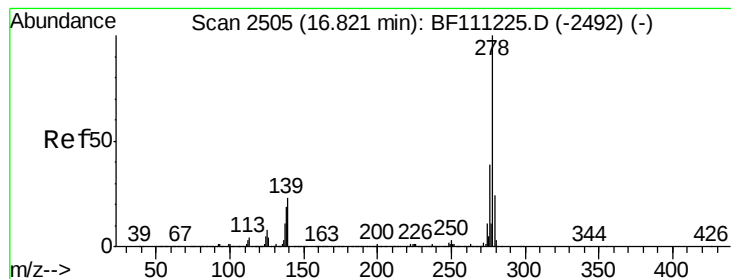
#90
Benzo(a)pyrene
Concen: 72.774 ng
RT: 15.34 min Scan# 2253
Delta R.T. 0.01 min
Lab File: BF111228.D
Acq: 8 Dec 2018 14:25

Tgt Ion:252 Resp: 3346151
Ion Ratio Lower Upper
252 100
253 22.7 17.8 26.8
125 14.5 12.3 18.5



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





#91

Dibenzo(a,h)anthracene

Concen: 77.360 ng

RT: 16.83 min Scan# 2507

Delta R.T. 0.01 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

Instrument :

BNA_F

ClientSampleId :

SSTDICC080

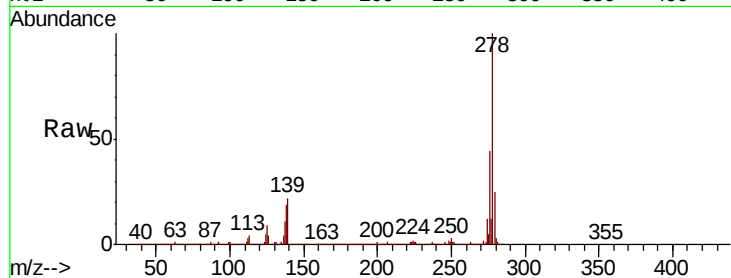
Tgt Ion:278 Resp: 2981083

Ion Ratio Lower Upper

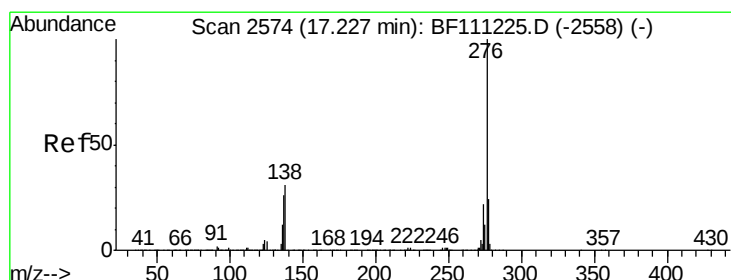
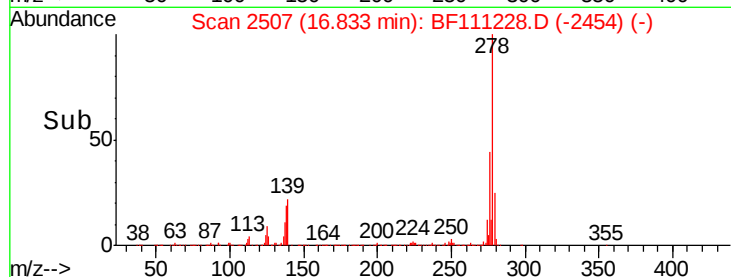
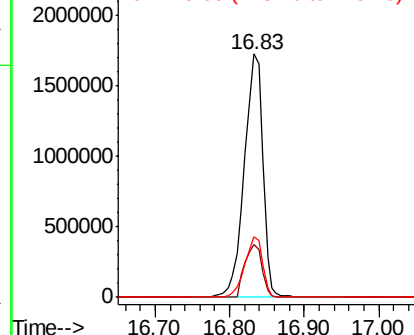
278 100

139 22.0 18.2 27.4

279 24.7 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: 82.604 ng

RT: 17.24 min Scan# 2577

Delta R.T. 0.02 min

Lab File: BF111228.D

Acq: 8 Dec 2018 14:25

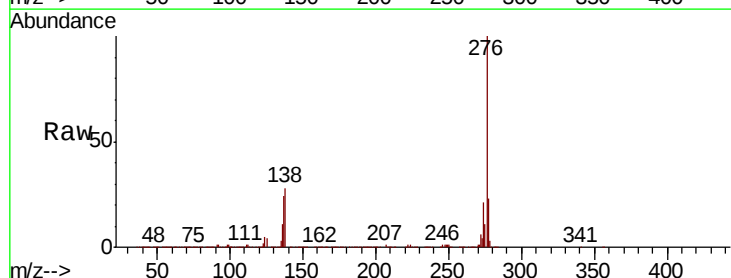
Tgt Ion:276 Resp: 3199548

Ion Ratio Lower Upper

276 100

277 23.3 19.2 28.8

138 27.8 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

