

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111736.D
 Acq On : 27 Dec 2018 1:35
 Operator : JU/SJ
 Sample : J6388-13
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS010-1824-01

Quant Time: Dec 27 02:18:10 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 19 17:39:39 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139753	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	474770	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	214070	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	391319	20.00	ng	0.01
76) Chrysene-d12	14.07	240	300969	20.00	ng	0.02
87) Perylene-d12	15.56	264	229125	20.00	ng	0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.54	112	687122	83.81	ng	0.02
7) Phenol-d6	6.55	99	843982	80.89	ng	0.02
23) Nitrobenzene-d5	7.46	82	516229	63.29	ng	0.00
42) 2,4,6-Tribromophenol	10.73	330	225393	89.11	ng	0.01
45) 2-Fluorobiphenyl	9.26	172	963051	65.57	ng	0.00
79) Terphenyl-d14	13.02	244	937166	59.05	ng	0.02

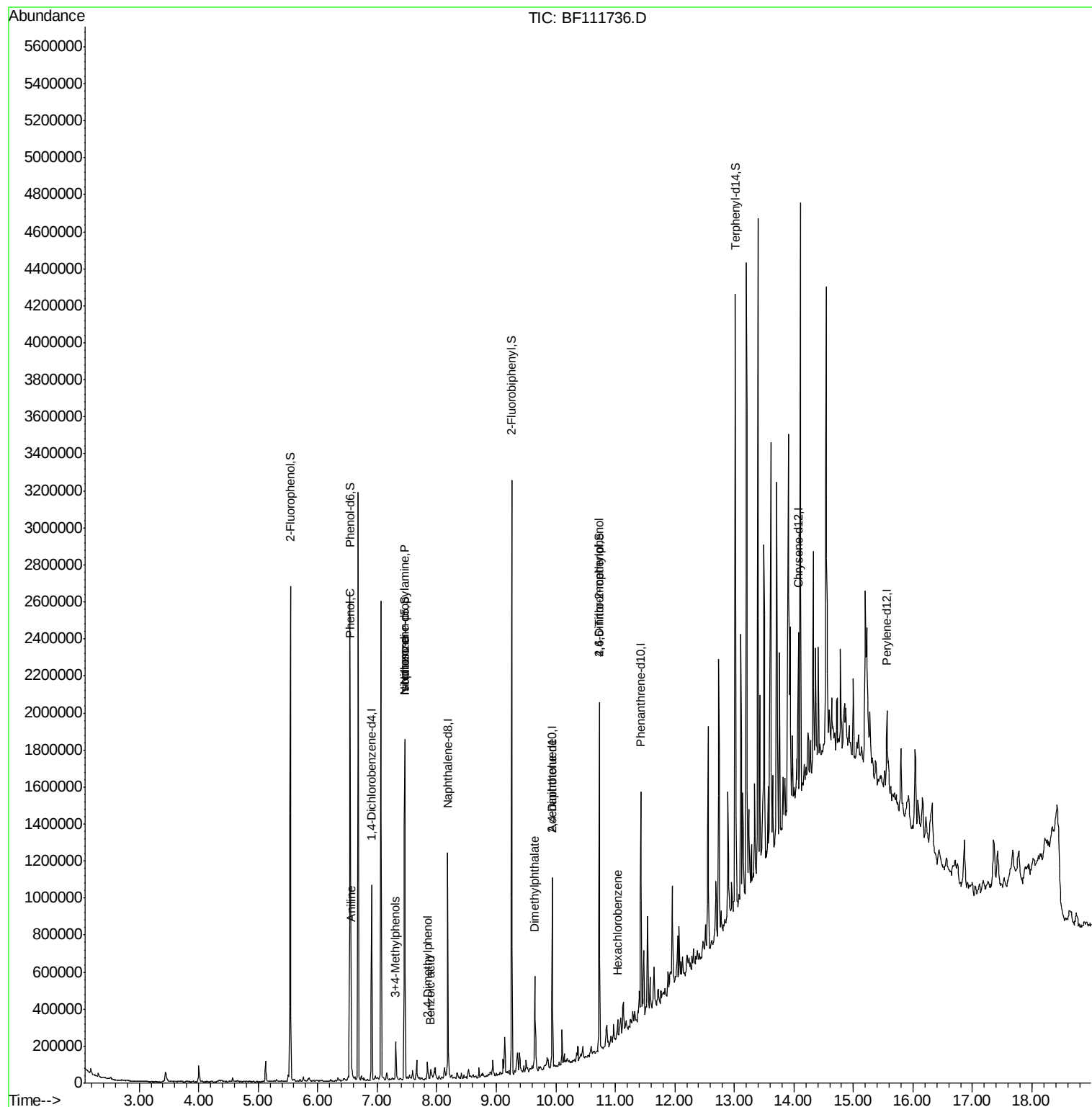
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
6) Aniline	6.57	93	27323	2.054	ng	# 1
10) Phenol	6.56	94	200976	17.071	ng	# 97
19) n-Nitroso-di-n-propylamine	7.46	70	70119	10.119	ng	# 76
20) 3+4-Methylphenols	7.31	107	53218	5.791	ng	# 59
25) Isophorone	7.46	82	513682	35.475	ng	# 64
27) 2,4-Dimethylphenol	7.84	122	17271	2.527	ng	# 93
32) Benzoic acid	7.90	122	11383	2.519	ng	# 87
50) Dimethylphthalate	9.65	163	130880	8.361	ng	# 98
57) 2,4-Dinitrotoluene	9.94	165	28621	7.629	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.73	198	519	6.969	ng	# 1
68) Hexachlorobenzene	11.04	284	11315	2.091	ng	# 100

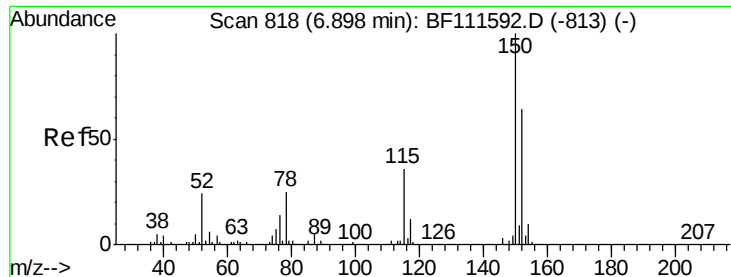
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
Data File : BF111736.D
Acq On : 27 Dec 2018 1:35
Operator : JU/SJ
Sample : J6388-13
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1824-01

Quant Time: Dec 27 02:18:10 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 19 17:39:39 2018
Response via : Initial Calibration



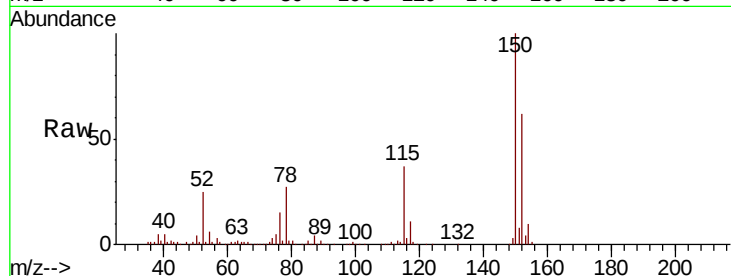


#1

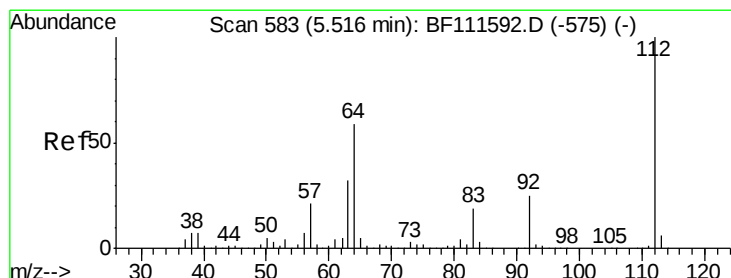
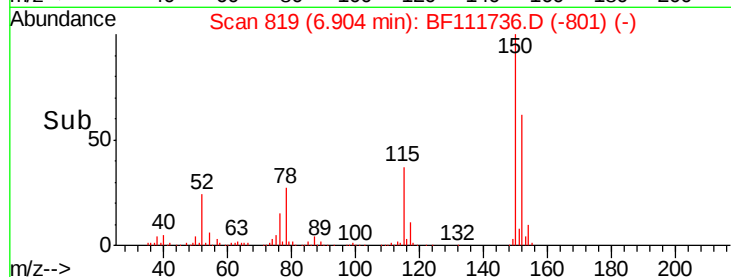
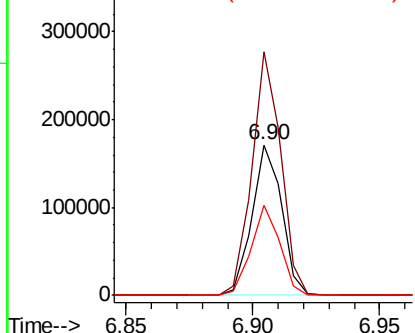
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 819
Delta R.T. 0.01 min
Lab File: BF111736.D
Acq: 27 Dec 2018 1:35

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1824-01

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	126.6	189.8
115	59.6	50.7	76.1



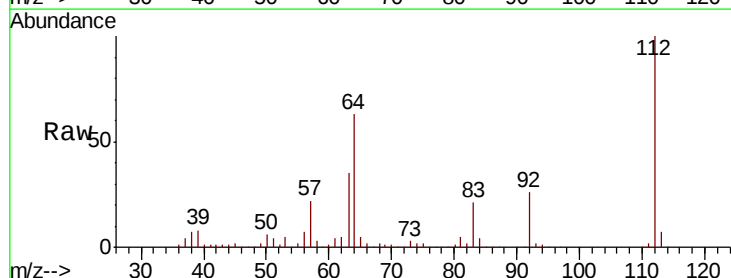
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



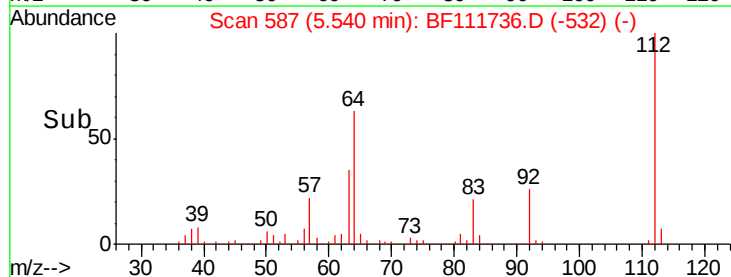
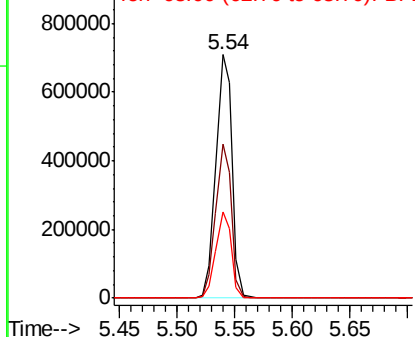
#5

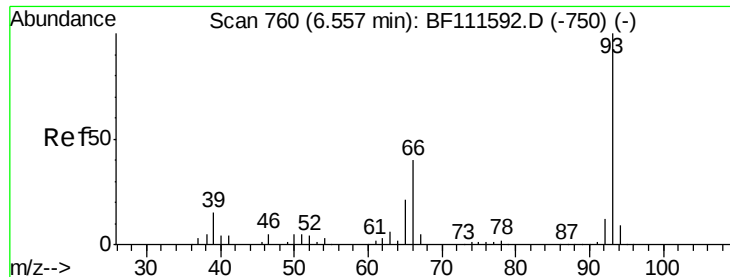
2-Fluorophenol
Concen: 83.807 ng
RT: 5.54 min Scan# 587
Delta R.T. 0.02 min
Lab File: BF111736.D
Acq: 27 Dec 2018 1:35

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.4	51.8	77.6
63	35.3	26.8	40.2



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF1
Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 2.054 ng

RT: 6.57 min Scan# 762

Delta R.T. 0.01 min

Lab File: BF111736.D

Acq: 27 Dec 2018 1:35

Instrument :

BNA_F

ClientSampleId :

P001-SS010-1824-01

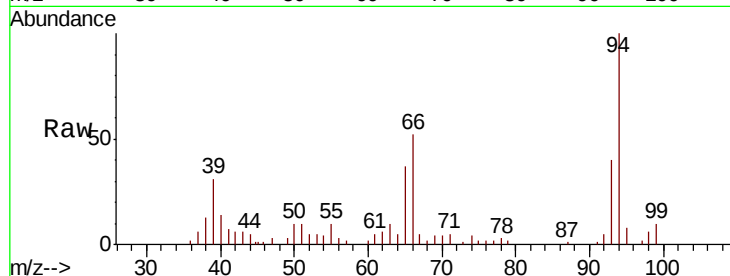
Tot Ion: 93 Resp: 27323

Ion Ratio Lower Upper

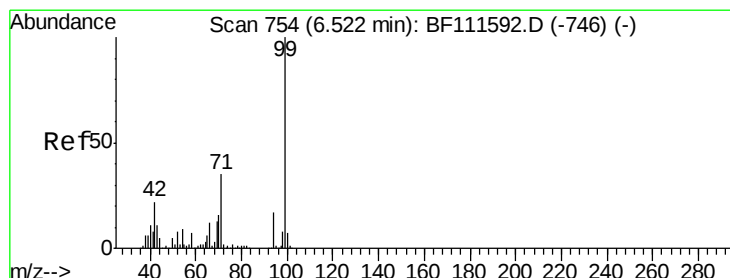
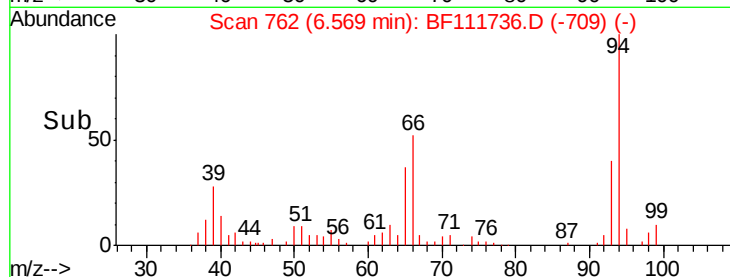
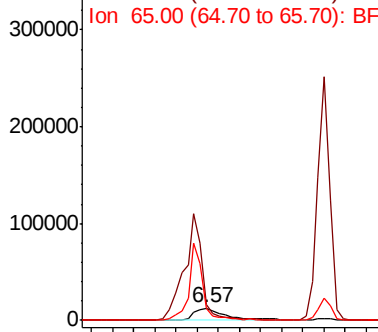
93 100

66 129.5 33.2 49.8#

65 90.9 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: 80.885 ng

RT: 6.55 min Scan# 758

Delta R.T. 0.02 min

Lab File: BF111736.D

Acq: 27 Dec 2018 1:35

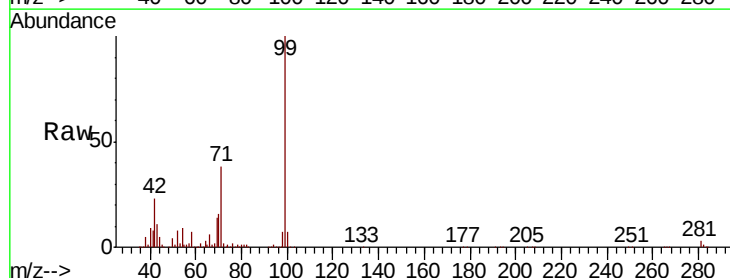
Tgt Ion: 99 Resp: 843982

Ion Ratio Lower Upper

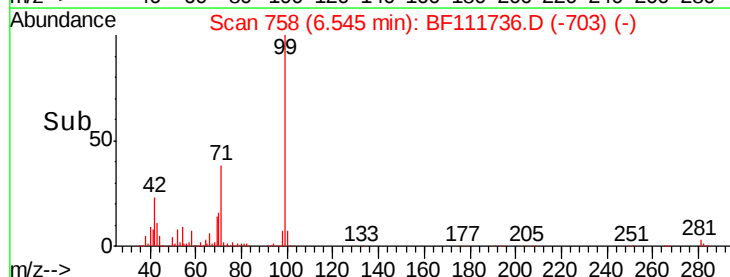
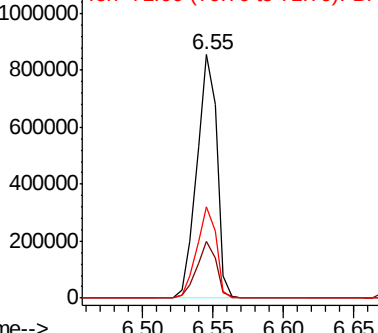
99 100

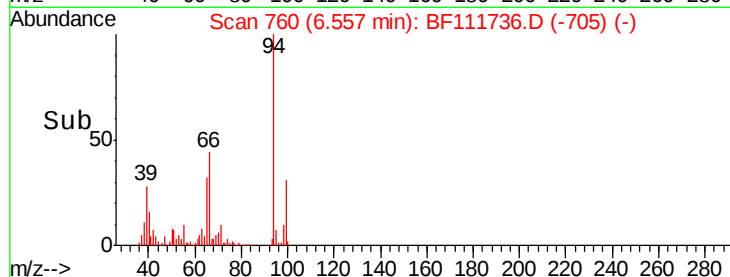
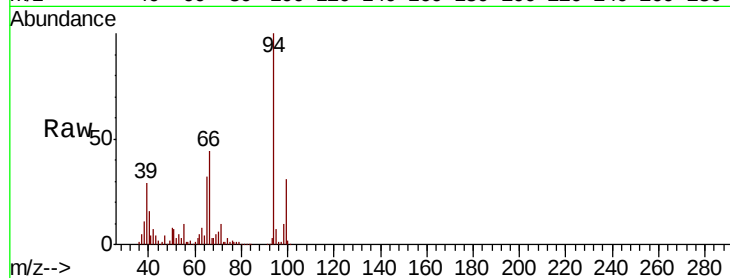
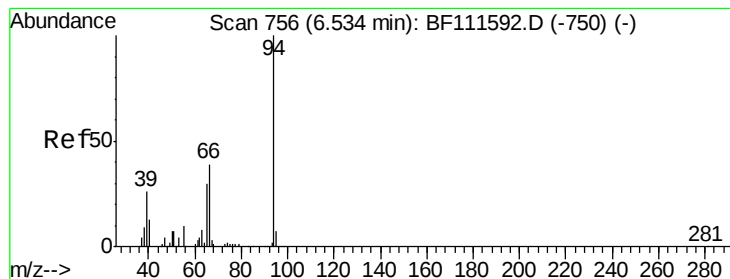
42 23.3 17.4 26.0

71 37.6 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





#10

Phenol

Concen: 17.071 ng

RT: 6.56 min Scan# 760

Delta R.T. 0.02 min

Lab File: BF111736.D

Acq: 27 Dec 2018 1:35

Instrument :

BNA_F

ClientSampleId :

P001-SS010-1824-01

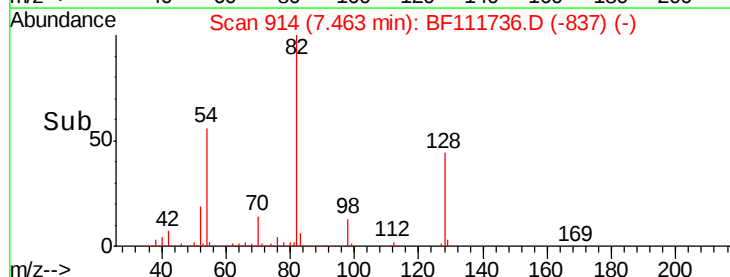
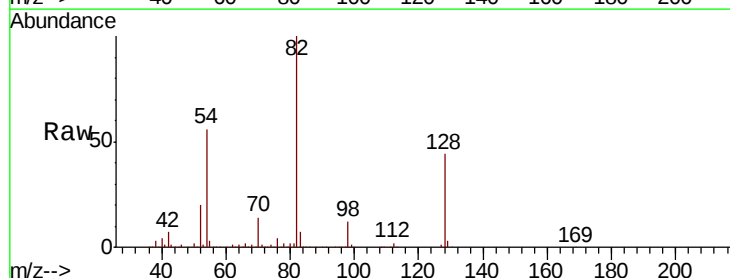
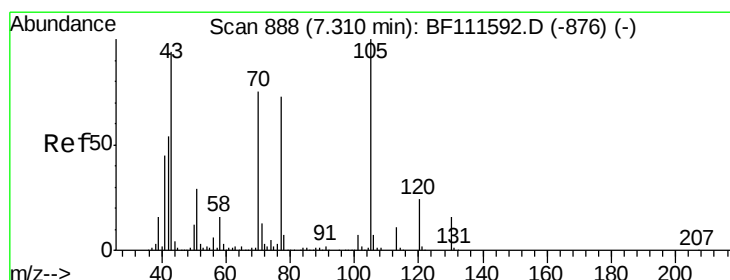
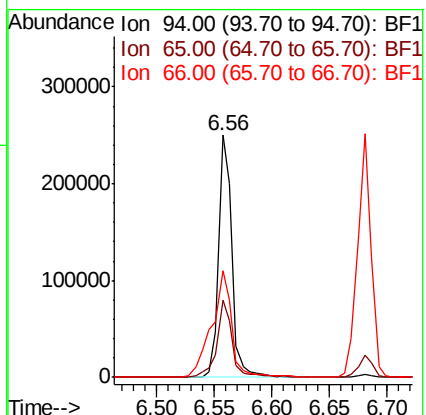
Tot Ion: 94 Resp: 200976

Ion Ratio Lower Upper

94 100

65 31.9 11.7 51.7

66 43.9 21.0 61.0



#19

n-Nitroso-di-n-propylamine

Concen: 10.119 ng

RT: 7.46 min Scan# 914

Delta R.T. 0.15 min

Lab File: BF111736.D

Acq: 27 Dec 2018 1:35

Tgt Ion: 70 Resp: 70119

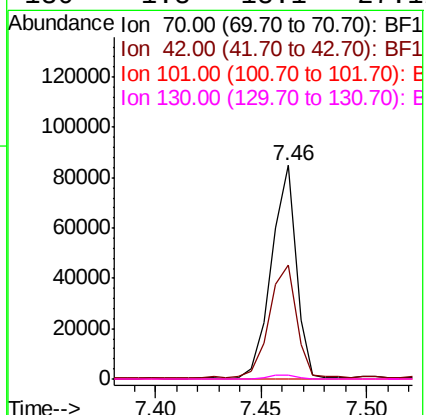
Ion Ratio Lower Upper

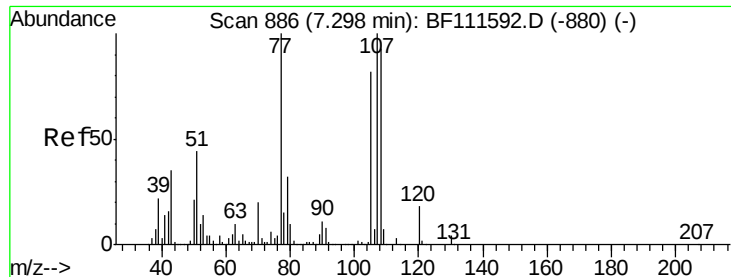
70 100

42 53.2 53.2 79.8

101 0.0 8.2 12.4#

130 1.8 18.1 27.1#





#20

3+4-Methylphenols

Concen: 5.791 ng

RT: 7.31 min Scan# 888

Delta R.T. 0.01 min

Lab File: BF111736.D

Acq: 27 Dec 2018 1:35

Instrument :

BNA_F

ClientSampleId :

P001-SS010-1824-01

Tot Ion:107 Resp: 53218

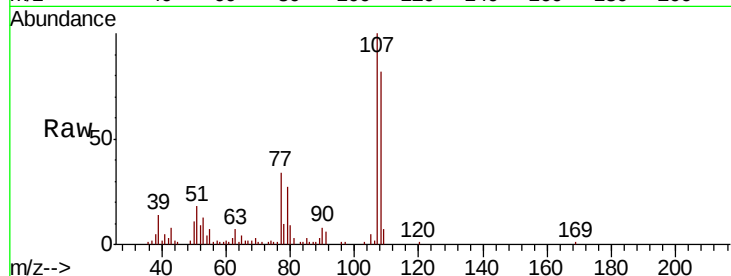
Ion Ratio Lower Upper

107 100

108 81.9 72.1 112.1

77 33.9 94.1 134.1#

79 27.2 9.8 49.8

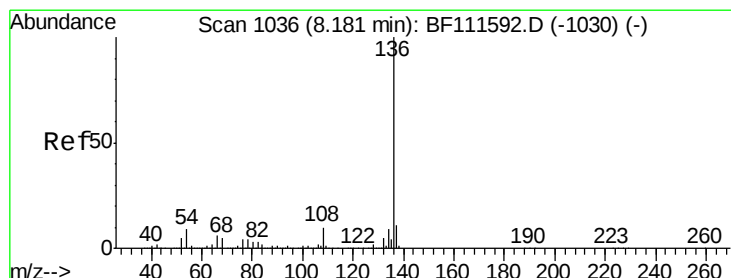
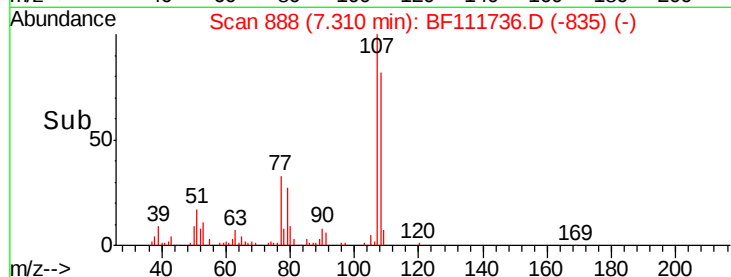
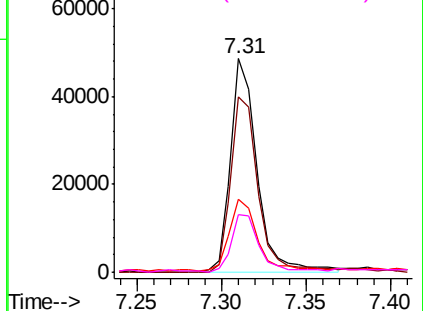


Abundance Ion 107.00 (106.70 to 107.70): E

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.19 min Scan# 1037

Delta R.T. 0.01 min

Lab File: BF111736.D

Acq: 27 Dec 2018 1:35

Tgt Ion:136 Resp: 474770

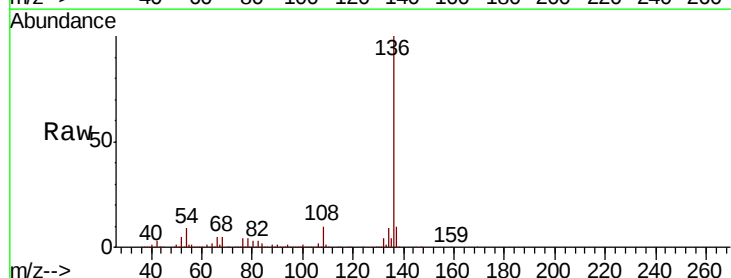
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 8.8 7.7 11.5

68 5.4 4.9 7.3

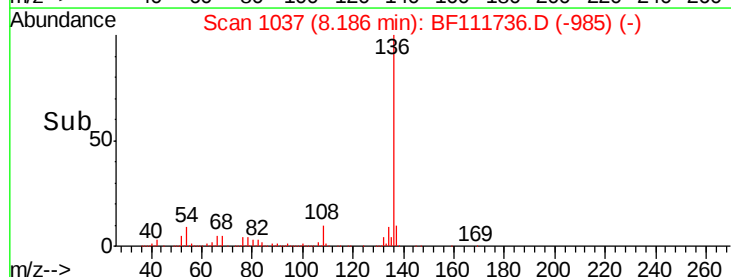
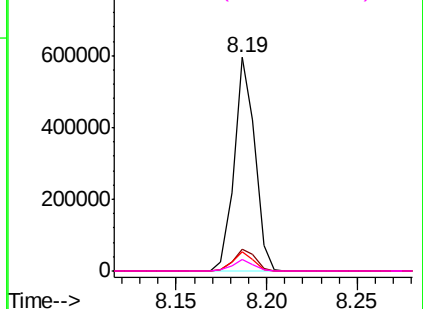


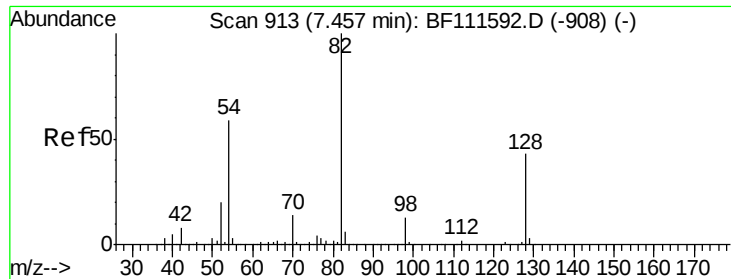
Abundance Ion 136.00 (135.70 to 136.70): E

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

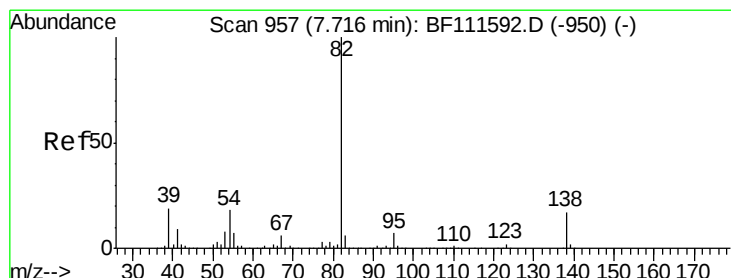
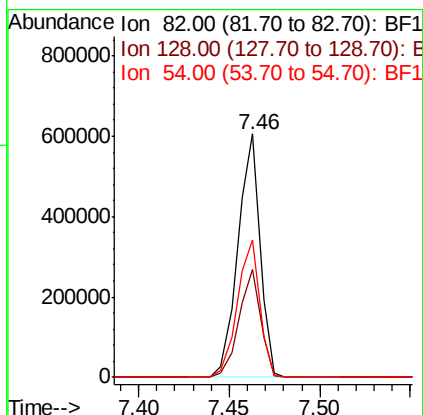
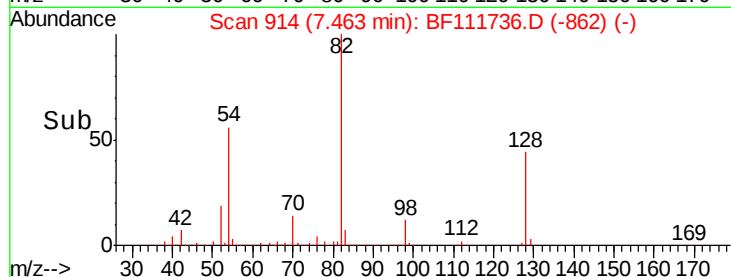
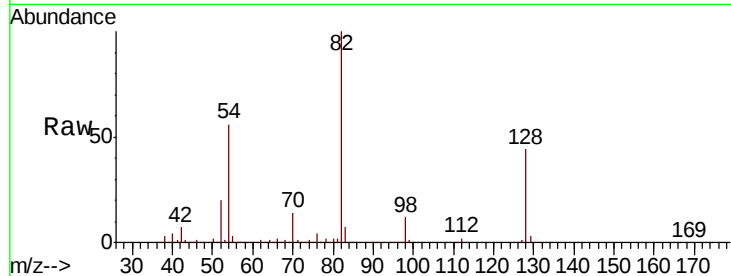




#23
Nitrobenzene-d5
Concen: 63.291 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF111736.D
Acq: 27 Dec 2018 1:35

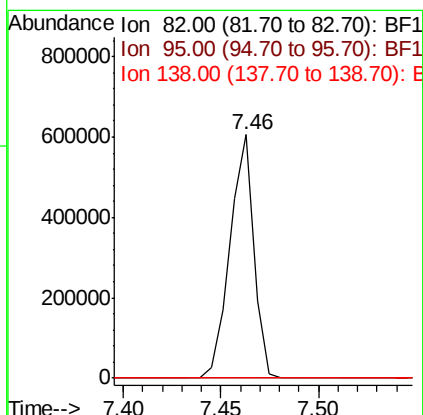
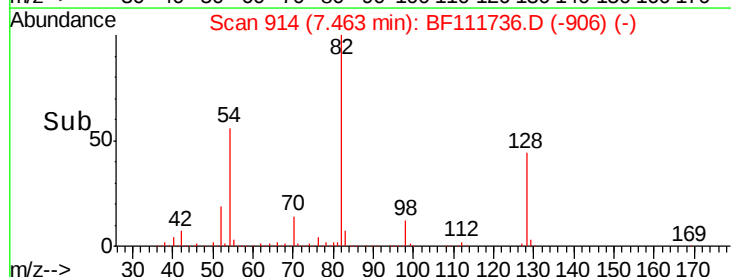
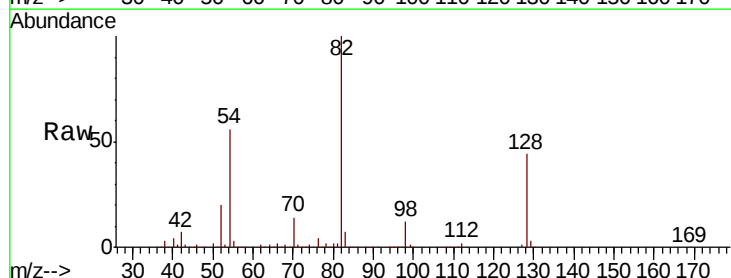
Instrument :
BNA_F
ClientSampleId :
P001-SS010-1824-01

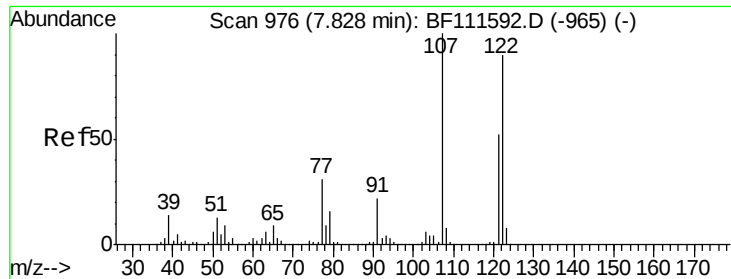
Tot Ion: 82 Resp: 516229
Ion Ratio Lower Upper
82 100
128 44.1 37.4 56.2
54 56.4 47.6 71.4



#25
Isophorone
Concen: 35.475 ng
RT: 7.46 min Scan# 914
Delta R.T. -0.25 min
Lab File: BF111736.D
Acq: 27 Dec 2018 1:35

Tgt Ion: 82 Resp: 513682
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.2#
138 0.0 15.1 22.7#

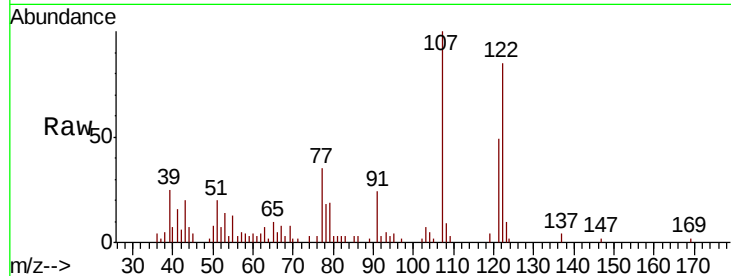




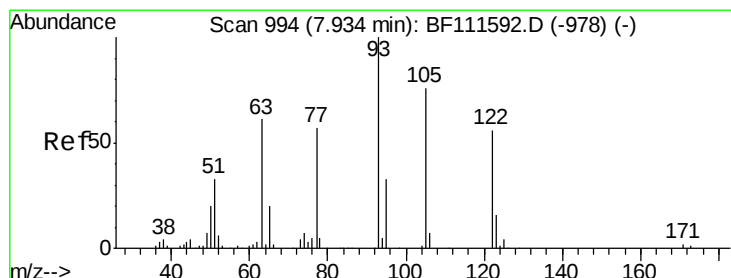
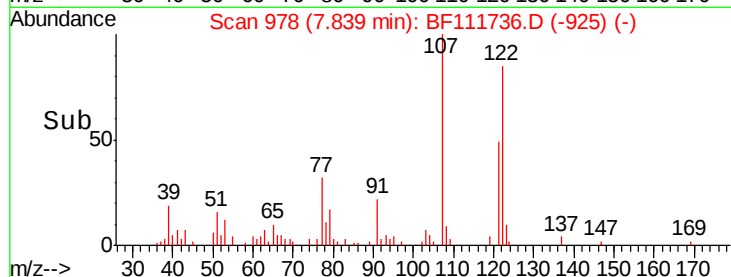
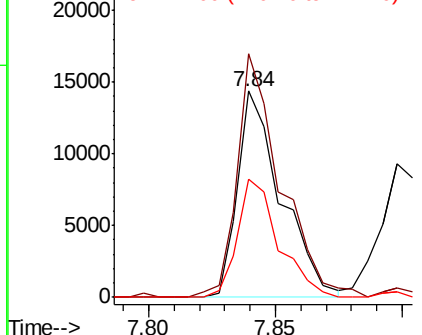
#27
2,4-Dimethylphenol
Concen: 2.527 ng
RT: 7.84 min Scan# 978
Delta R.T. 0.01 min
Lab File: BF111736.D
Acq: 27 Dec 2018 1:35

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1824-01

Tot Ion:122 Resp: 17271
Ion Ratio Lower Upper
122 100
107 118.1 85.5 128.3
121 57.5 46.6 70.0

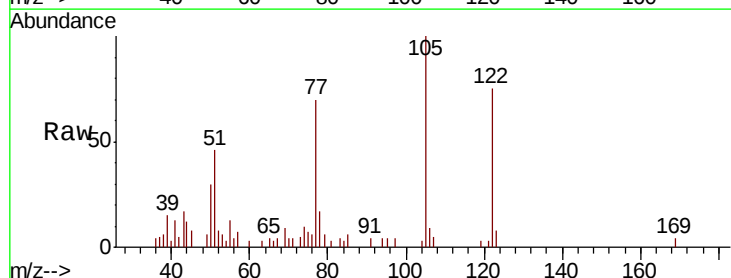


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

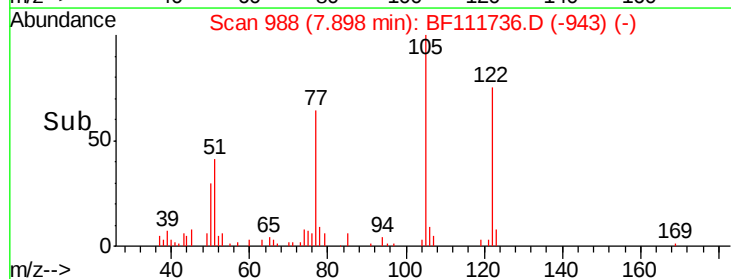
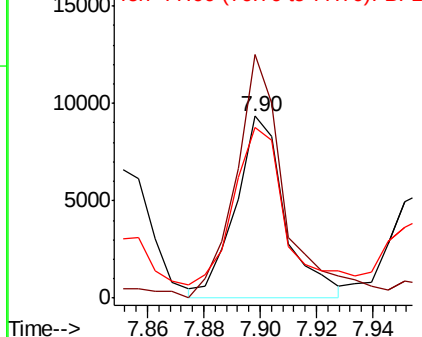


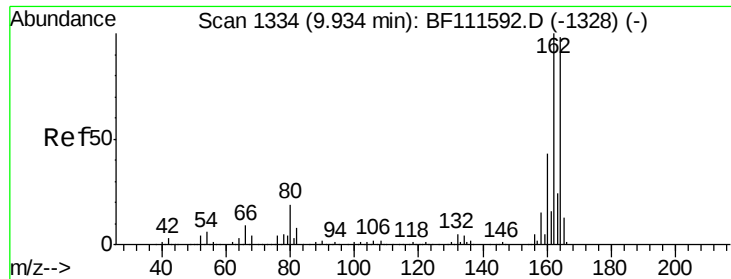
#32
Benzoic acid
Concen: 2.519 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.04 min
Lab File: BF111736.D
Acq: 27 Dec 2018 1:35

Tgt Ion:122 Resp: 11383
Ion Ratio Lower Upper
122 100
105 133.9 97.0 137.0
77 93.7 65.7 105.7



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

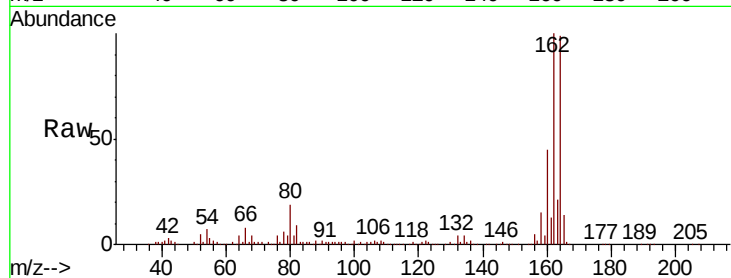




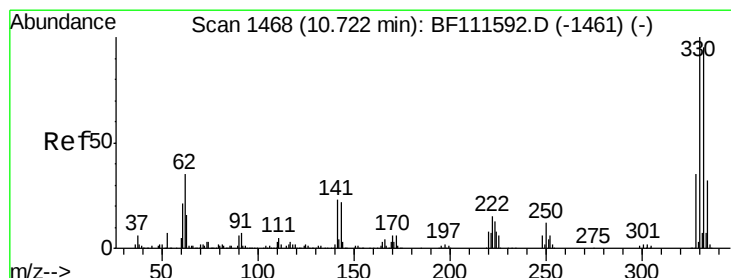
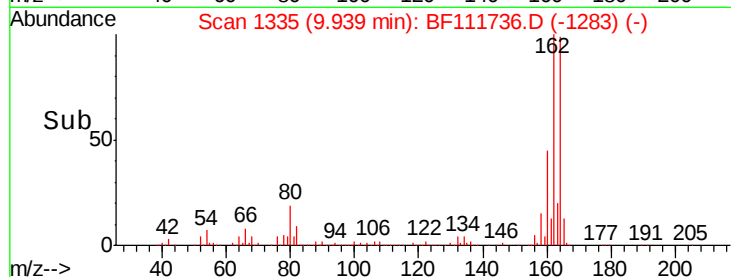
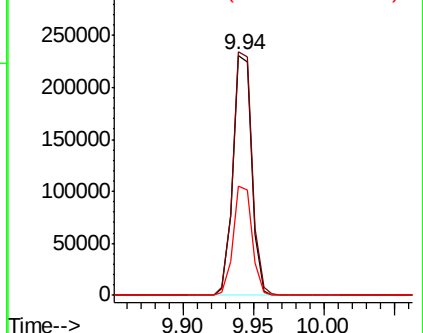
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. 0.01 min
 Lab File: BF111736.D
 Acq: 27 Dec 2018 1:35

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS010-1824-01

Tot Ion:164 Resp: 214070
 Ion Ratio Lower Upper
 164 100
 162 101.5 81.4 122.0
 160 45.3 35.7 53.5

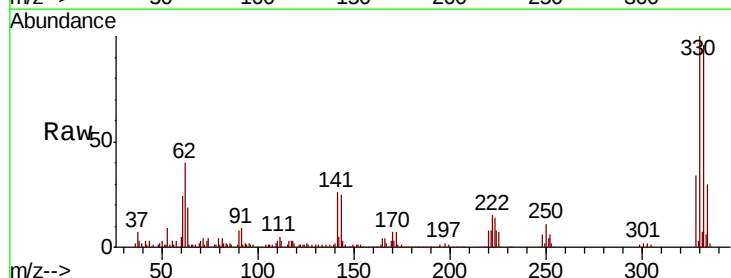


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

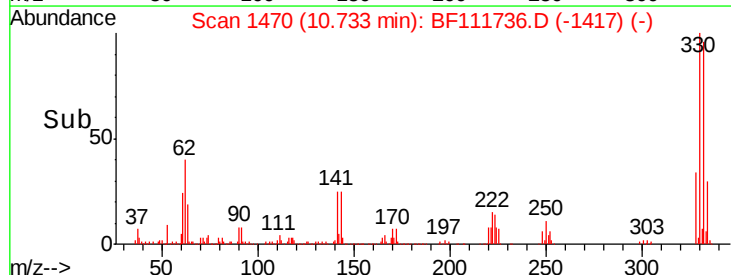
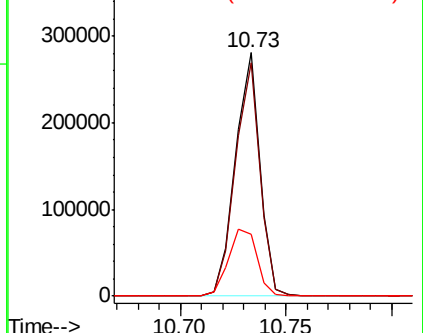


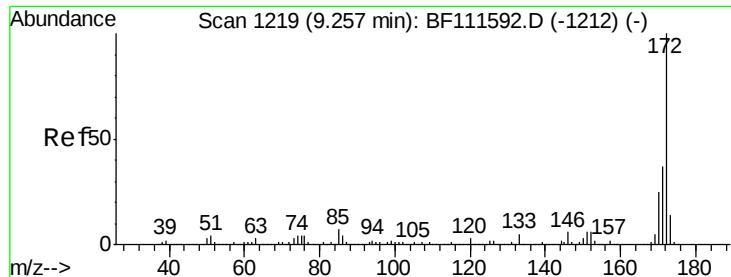
#42
 2,4,6-Tribromophenol
 Concen: 89.109 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111736.D
 Acq: 27 Dec 2018 1:35

Tgt Ion:330 Resp: 225393
 Ion Ratio Lower Upper
 330 100
 332 96.0 76.0 114.0
 141 31.7 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

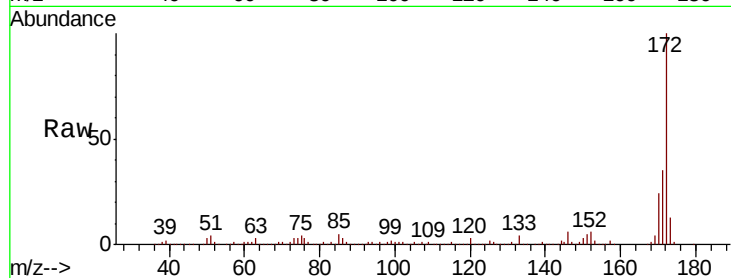




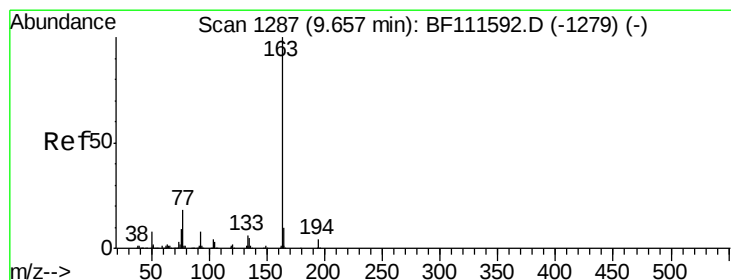
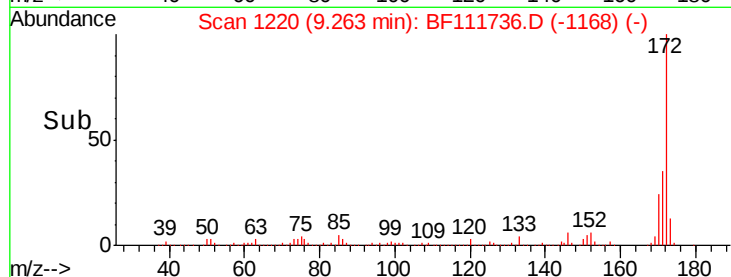
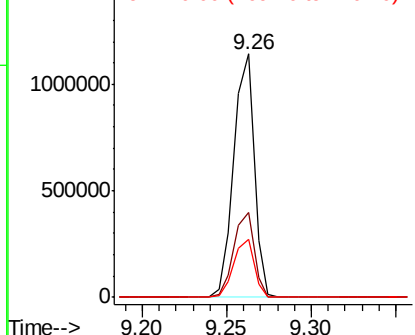
#45
2-Fluorobiphenyl
Concen: 65.573 ng
RT: 9.26 min Scan# 1220
Delta R.T. 0.01 min
Lab File: BF111736.D
Acq: 27 Dec 2018 1:35

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1824-01

Tot Ion:172 Resp: 963051
Ion Ratio Lower Upper
172 100
171 35.0 33.0 49.4
170 23.6 22.3 33.5

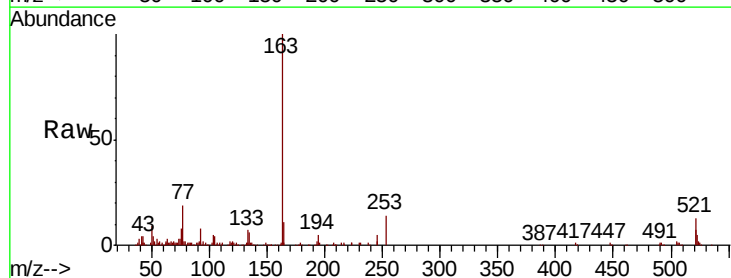


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

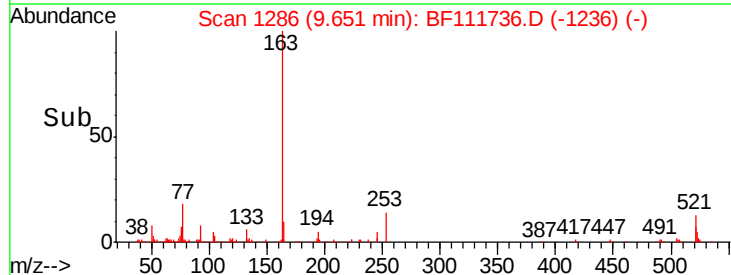
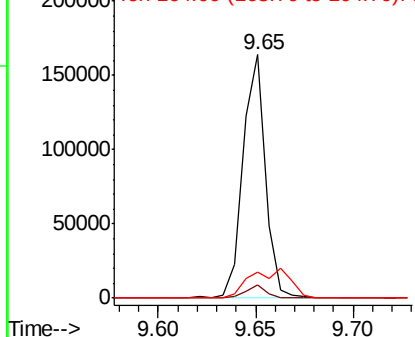


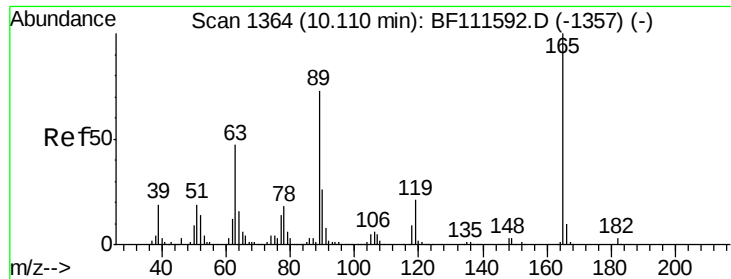
#50
Dimethylphthalate
Concen: 8.361 ng
RT: 9.65 min Scan# 1286
Delta R.T. -0.01 min
Lab File: BF111736.D
Acq: 27 Dec 2018 1:35

Tgt Ion:163 Resp: 130880
Ion Ratio Lower Upper
163 100
194 5.2 3.0 4.6#
164 10.7 8.9 13.3



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

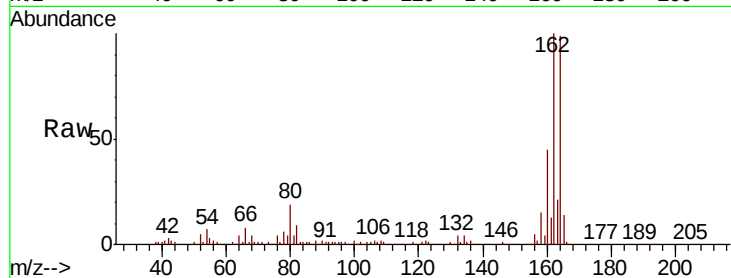




#57
2,4-Dinitrotoluene
Concen: 7.629 ng
RT: 9.94 min Scan# 1335
Delta R.T. -0.17 min
Lab File: BF111736.D
Acq: 27 Dec 2018 1:35

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1824-01

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	34.6	52.0#
89	1.3	56.2	84.4#
182	0.0	1.8	2.6#



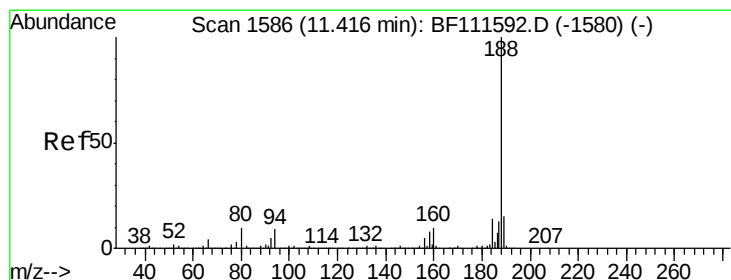
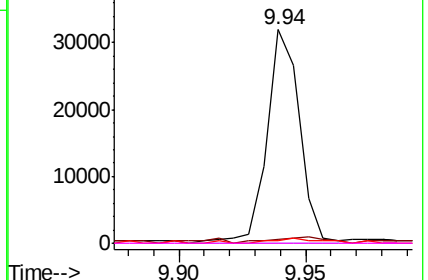
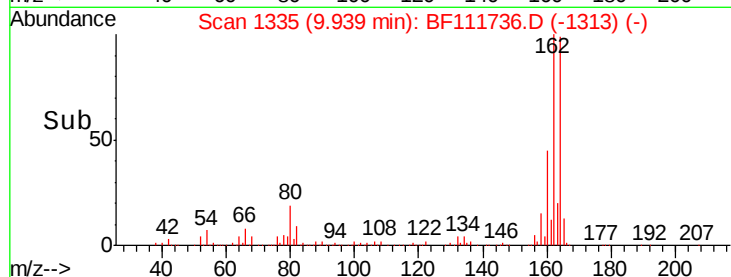
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

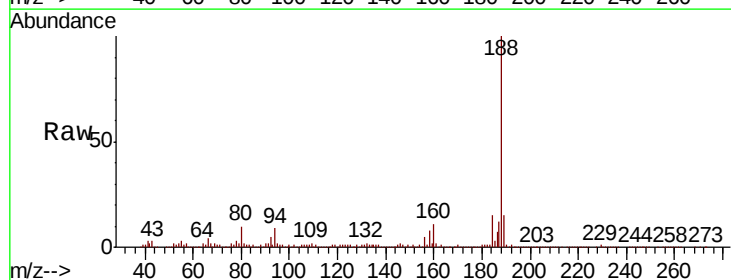
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.43 min Scan# 1588
Delta R.T. 0.01 min
Lab File: BF111736.D
Acq: 27 Dec 2018 1:35

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.3	9.6	14.4#
80	9.9	9.8	14.6

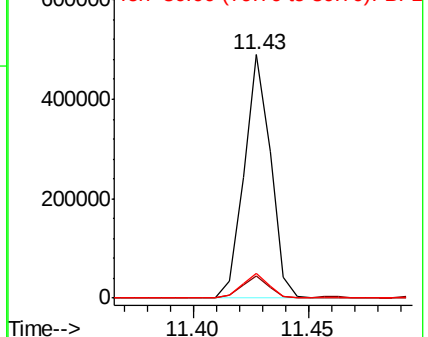
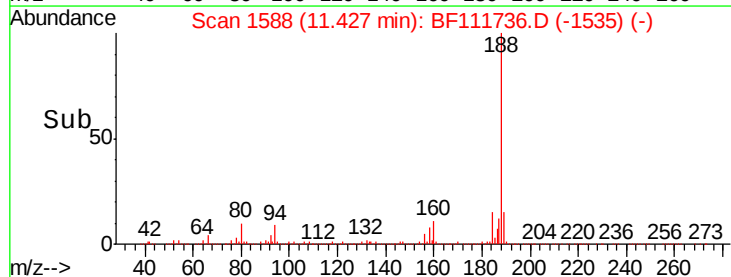


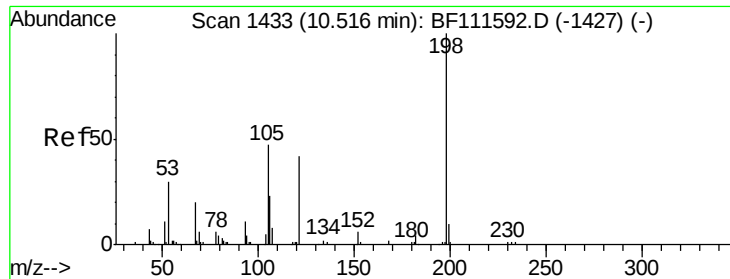
Abundance

Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1

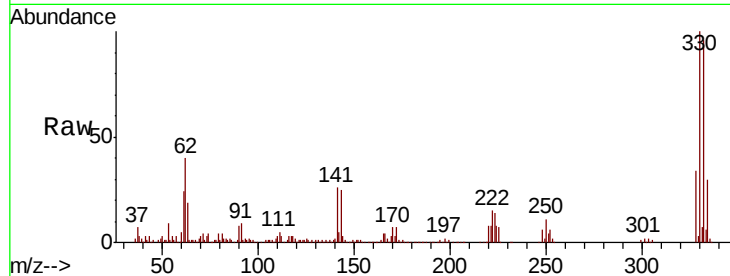




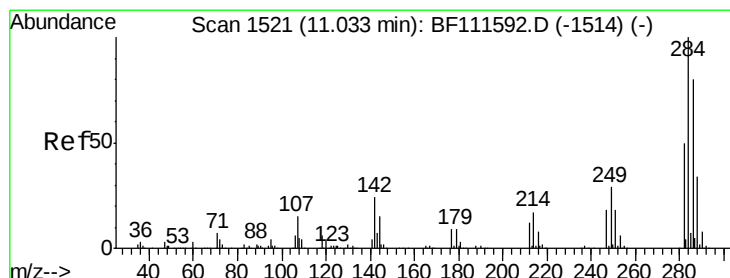
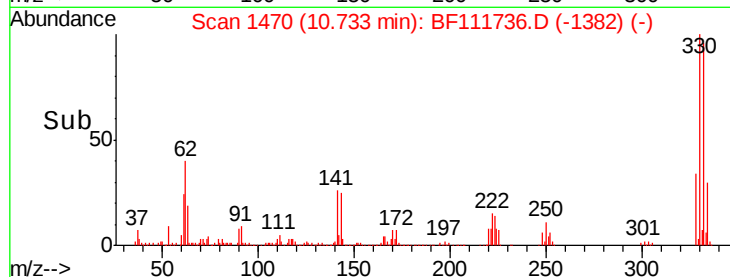
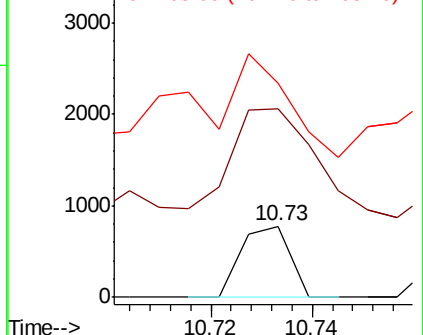
#65
4,6-Dinitro-2-methylphenol
Concen: 6.969 ng
RT: 10.73 min Scan# 1470
Delta R.T. 0.22 min
Lab File: BF111736.D
Acq: 27 Dec 2018 1:35

Instrument :
BNA_F
ClientSampleId :
P001-SS010-1824-01

Tot Ion:198 Resp: 519
Ion Ratio Lower Upper
198 100
51 264.3 48.0 88.0#
105 301.4 34.0 74.0#

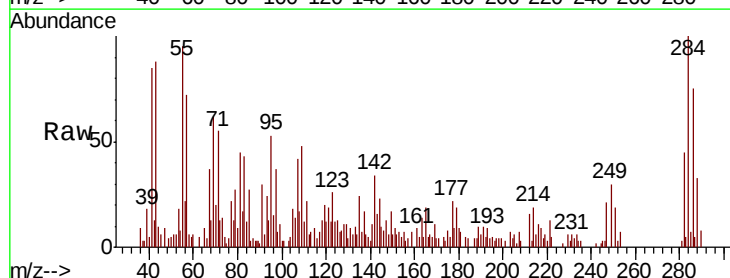


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

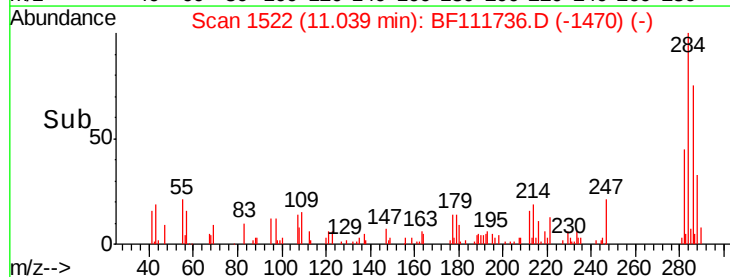
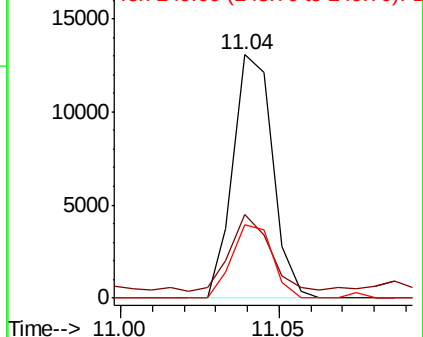


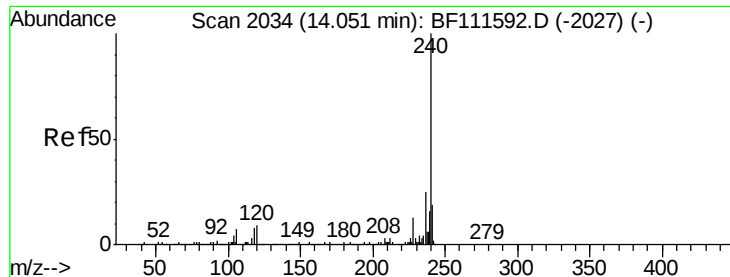
#68
Hexachlorobenzene
Concen: 2.091 ng
RT: 11.04 min Scan# 1522
Delta R.T. 0.01 min
Lab File: BF111736.D
Acq: 27 Dec 2018 1:35

Tgt Ion:284 Resp: 11315
Ion Ratio Lower Upper
284 100
142 34.4 27.4 41.2
249 30.2 24.4 36.6



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





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. 0.02 min

Lab File: BF111736.D

Acq: 27 Dec 2018 1:35

Instrument :

BNA_F

ClientSampleId :

P001-SS010-1824-01

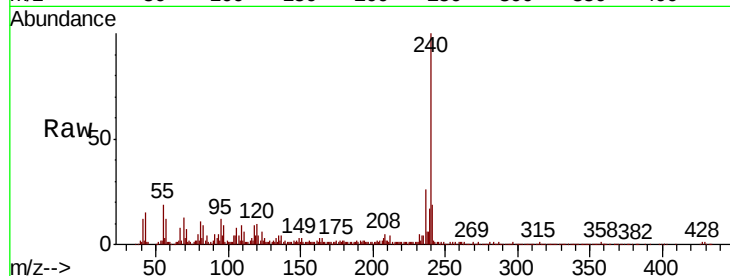
Tot Ion:240 Resp: 300969

Ion Ratio Lower Upper

240 100

120 10.4 12.2 18.2#

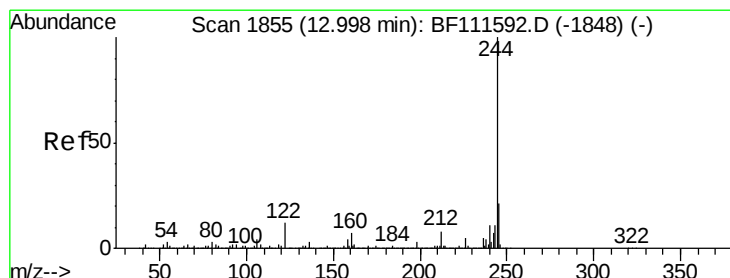
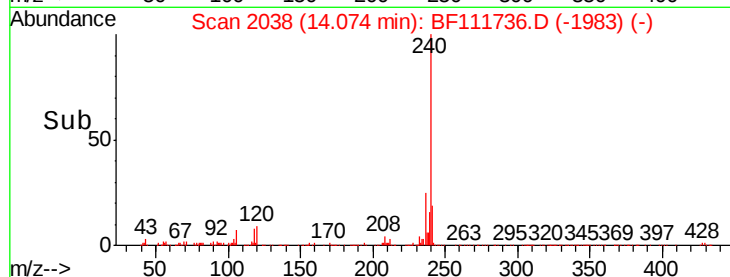
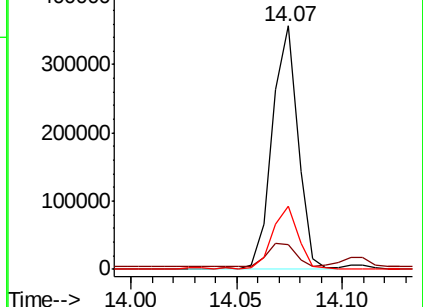
236 25.7 20.2 30.2



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



#79

Terphenyl-d14

Concen: 59.051 ng

RT: 13.02 min Scan# 1858

Delta R.T. 0.02 min

Lab File: BF111736.D

Acq: 27 Dec 2018 1:35

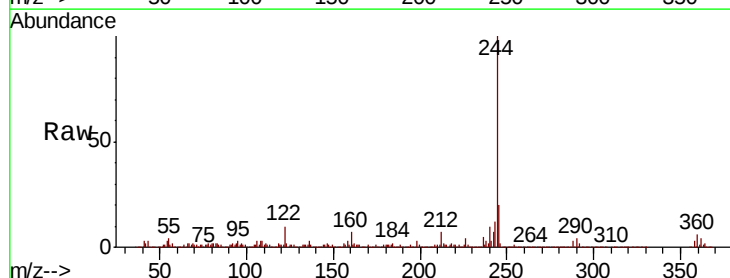
Tgt Ion:244 Resp: 937166

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

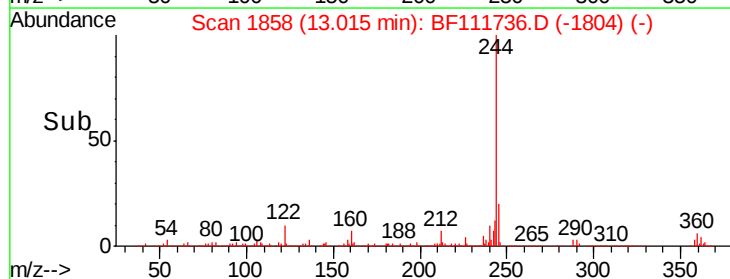
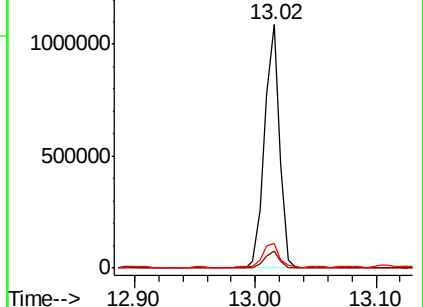
122 10.0 13.1 19.7#

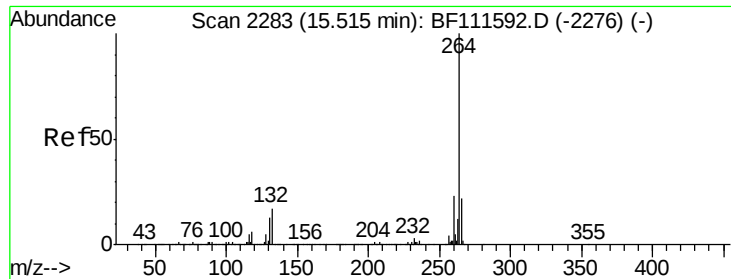


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

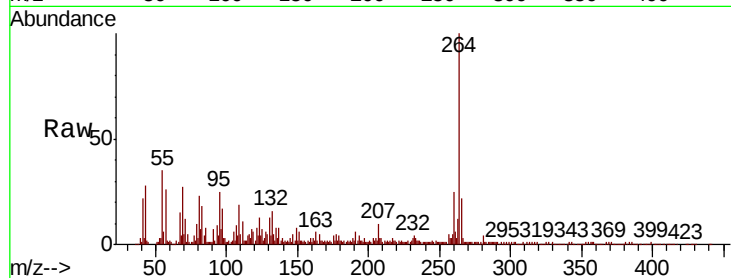




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.56 min Scan# 2291
 Delta R.T. 0.05 min
 Lab File: BF111736.D
 Acq: 27 Dec 2018 1:35

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS010-1824-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.0	18.3	27.5
265	22.0	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

