

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 04:11:00 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

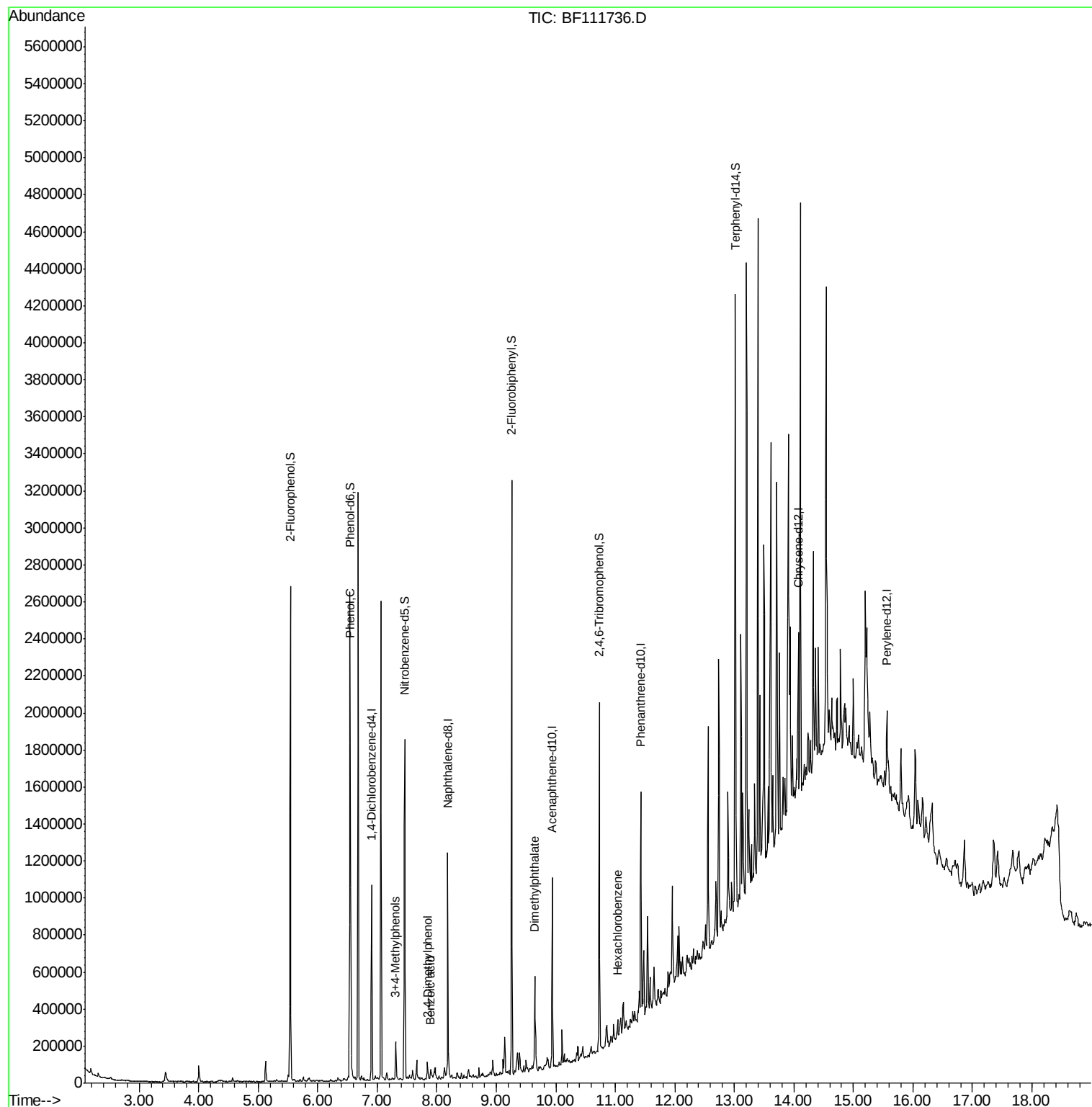
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	139753	20.00	ng	0.00
21) Naphthalene-d8	8.19	136	474770	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	214070	20.00	ng	0.00
64) Phenanthrene-d10	11.43	188	391319	20.00	ng	0.01
76) Chrysene-d12	14.07	240	300969	20.00	ng	0.02
87) Perylene-d12	15.56	264	229125	20.00	ng	0.05
System Monitoring Compounds						
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						
10) Phenol	6.56	94	200976	17.071	ng	97
20) 3+4-Methylphenols	7.31	107	53218	5.791	ng	# 59
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
68) Hexachlorobenzene	11.04	284	11315	2.091	ng	100

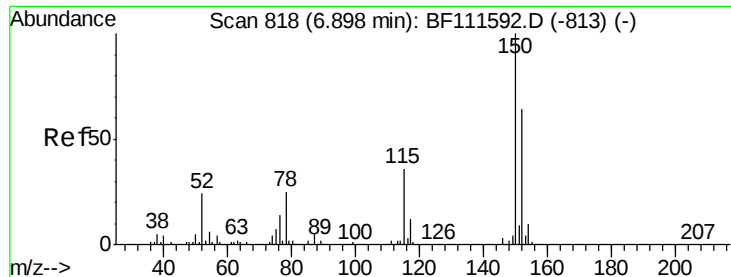
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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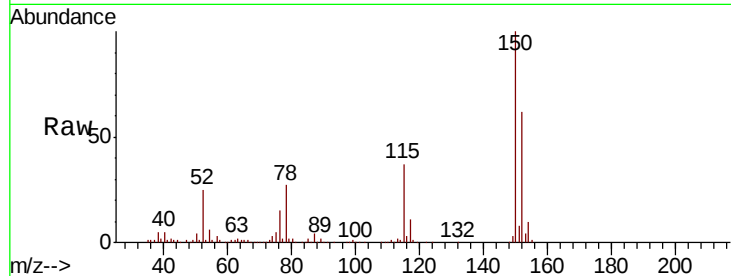


#1

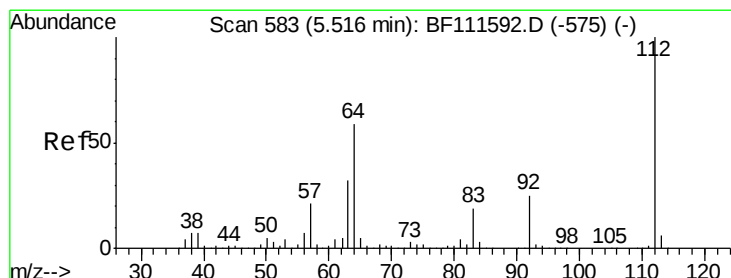
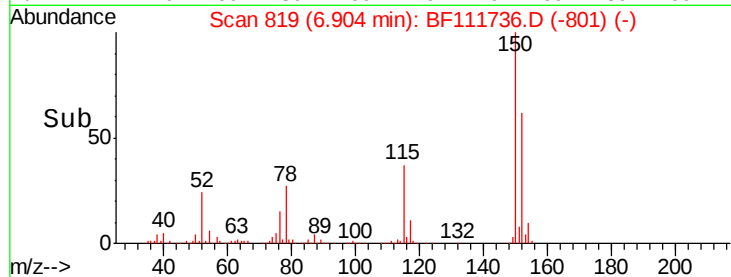
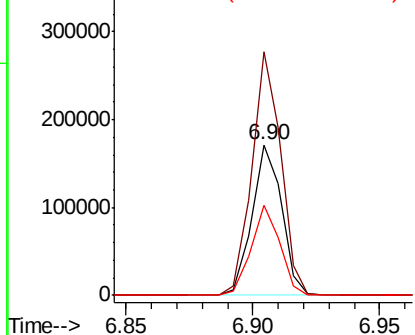
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.90 min Scan# 819
 Delta R.T. 0.01 min
 Lab File: BF111736.D
 Acq: 27 Dec 2018 1:35

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

Tot Ion:152 Resp: 139753
 Ion Ratio Lower Upper
 152 100
 150 161.8 126.6 189.8
 115 59.6 50.7 76.1



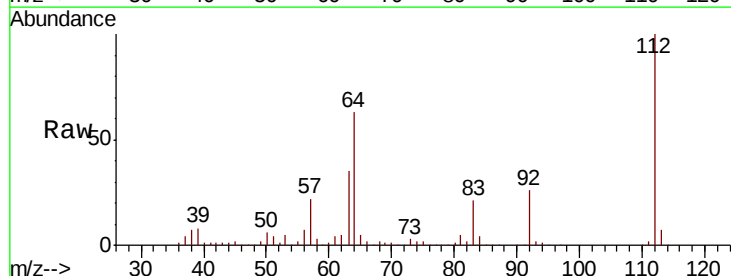
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



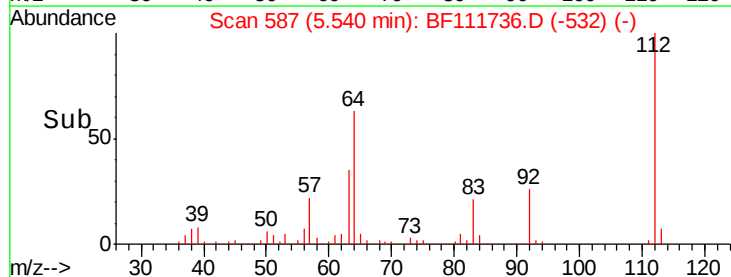
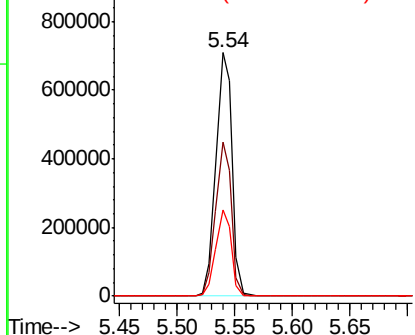
#5

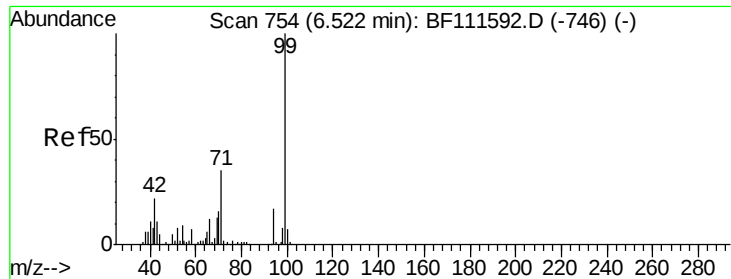
2-Fluorophenol
 Concen: 83.807 ng
 RT: 5.54 min Scan# 587
 Delta R.T. 0.02 min
 Lab File: BF111736.D
 Acq: 27 Dec 2018 1:35

Tgt Ion:112 Resp: 687122
 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





#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

Instrument :

BNA_F

ClientSampleId :

P001-SS010-1824-01

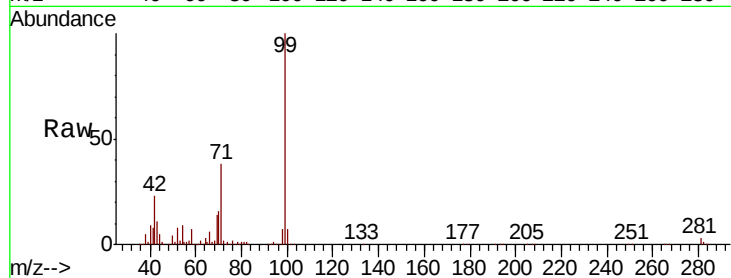
Tot Ion: 99 Resp: 843982

Ion Ratio Lower Upper

99 100

42 23.3 17.4 26.0

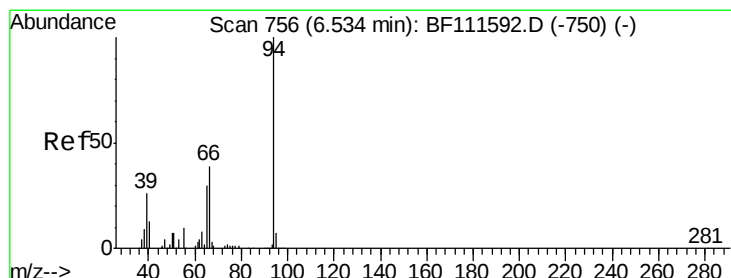
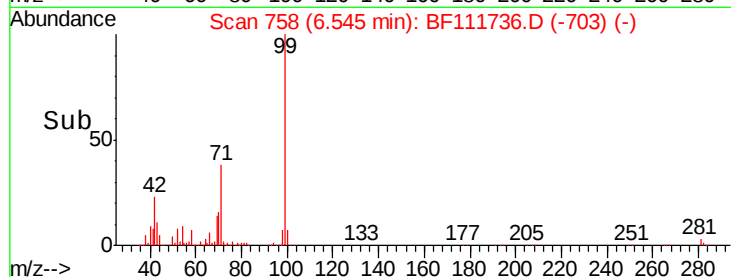
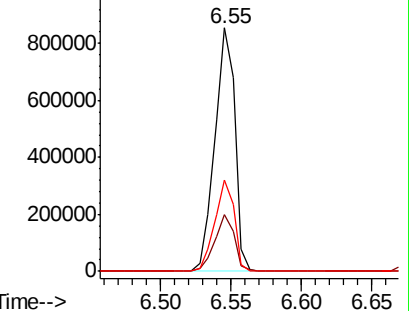
71 37.6 26.1 39.1



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

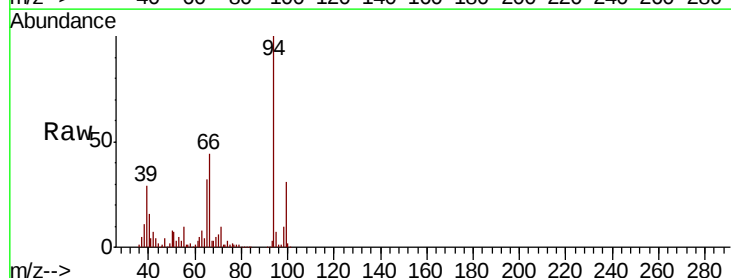
Tgt Ion: 94 Resp: 200976

Ion Ratio Lower Upper

94 100

65 31.9 11.7 51.7

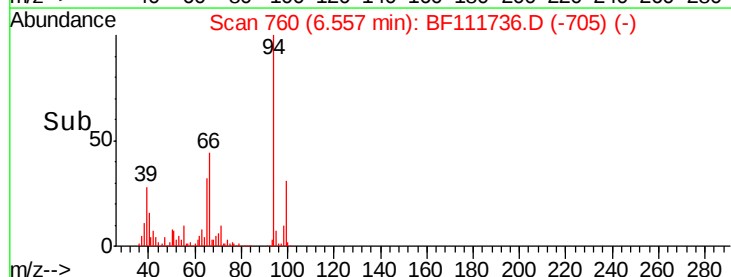
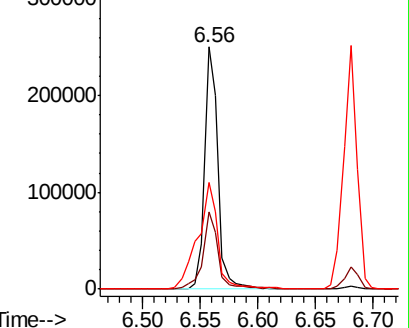
66 43.9 21.0 61.0

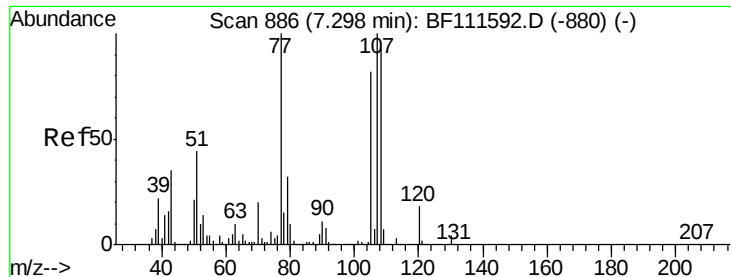


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#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

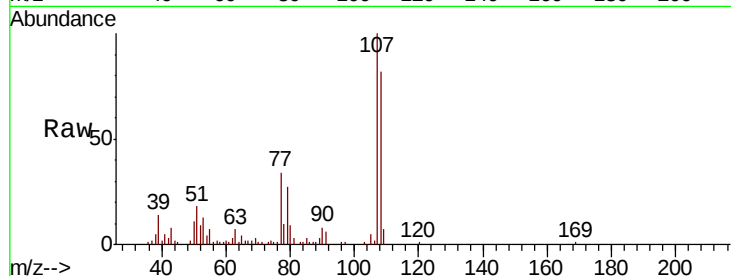
Ion Ratio Lower Upper

107 100

108 81.9 72.1 112.1

77 33.9 94.1 134.1#

79 27.2 9.8 49.8

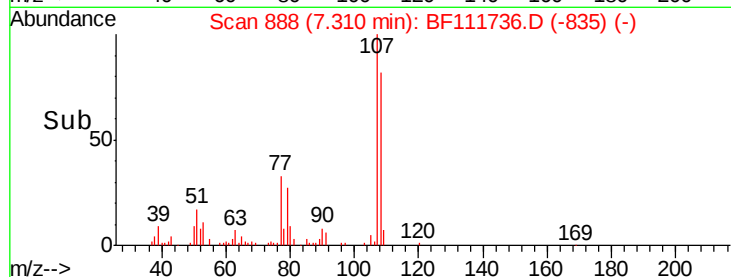


Abundance Ion 107.00 (106.70 to 107.70): E

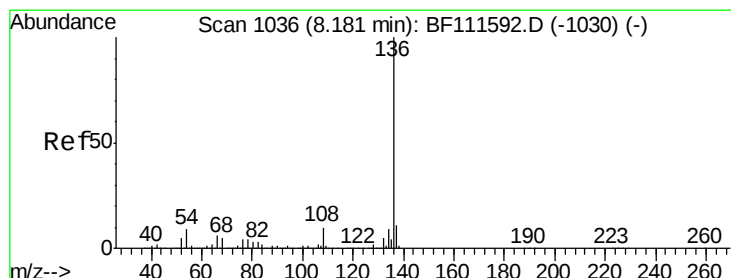
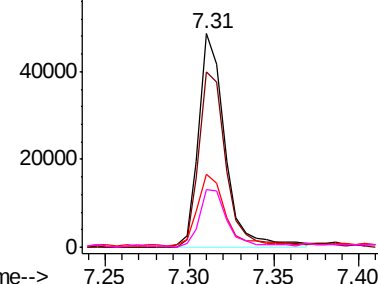
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1



Time-->



#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

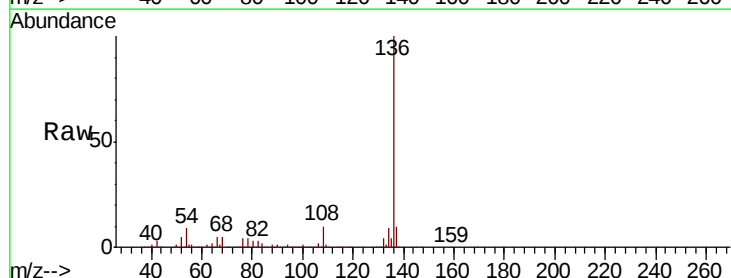
Ion Ratio Lower Upper

136 100

137 10.5 9.1 13.7

54 8.8 7.7 11.5

68 5.4 4.9 7.3

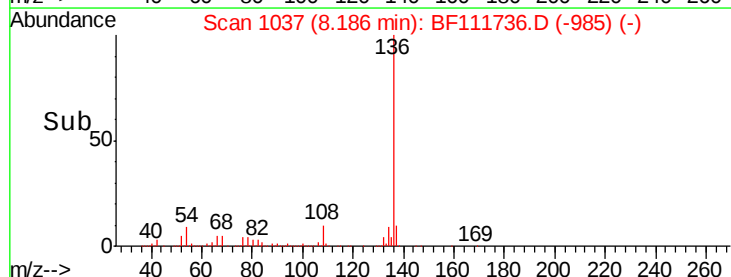


Abundance Ion 136.00 (135.70 to 136.70): E

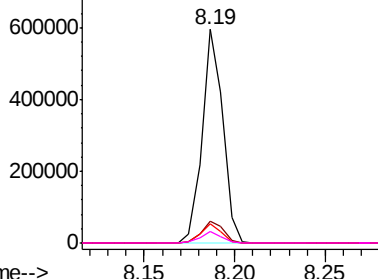
Ion 137.00 (136.70 to 137.70): E

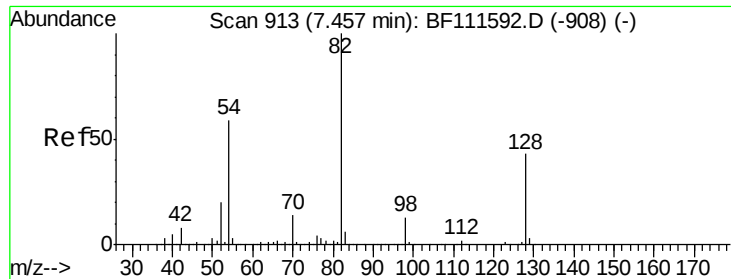
Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



Time-->

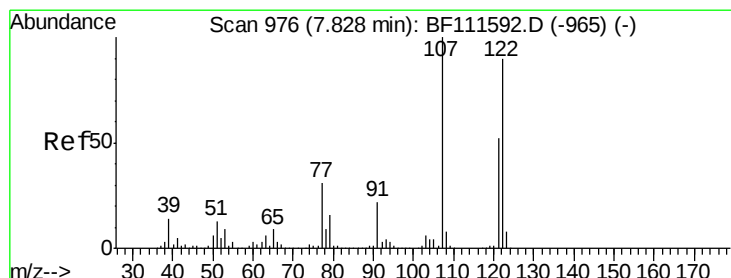
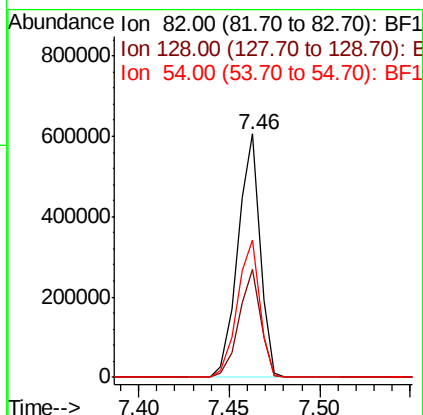
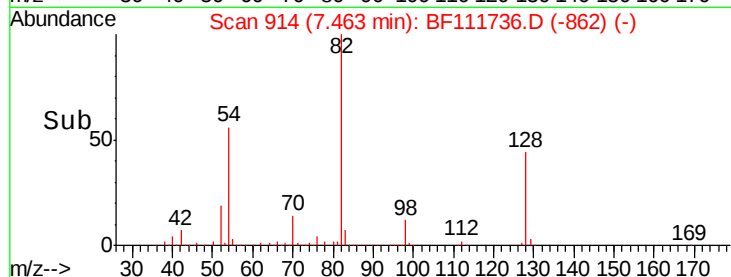
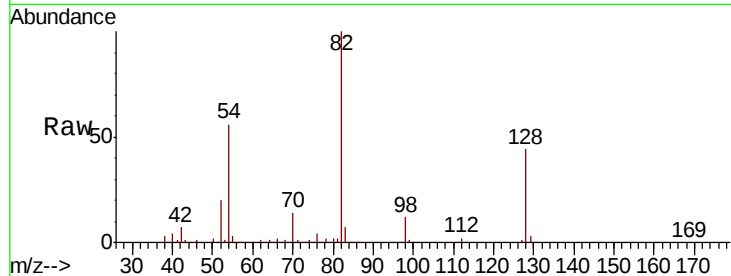




#23
 Nitrobenzene-d5
 Concen: 63.291 ng
 RT: 7.46 min Scan# 914
 Delta R.T. 0.01 min
 Lab File: BF111736.D
 Acq: 27 Dec 2018 1:35

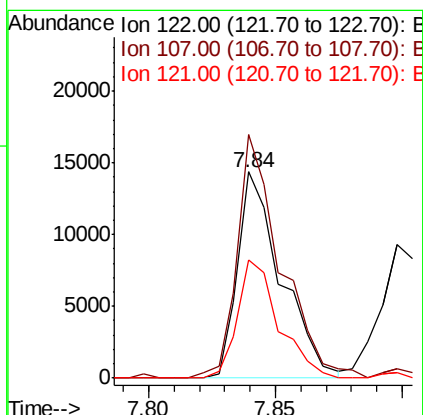
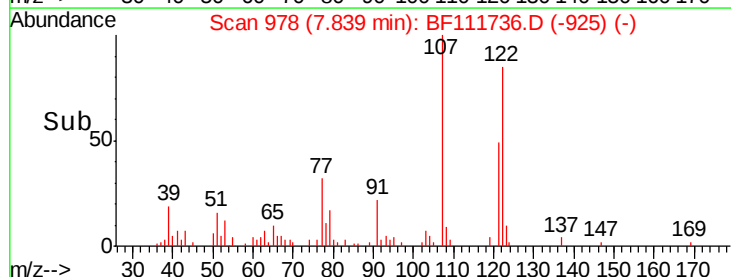
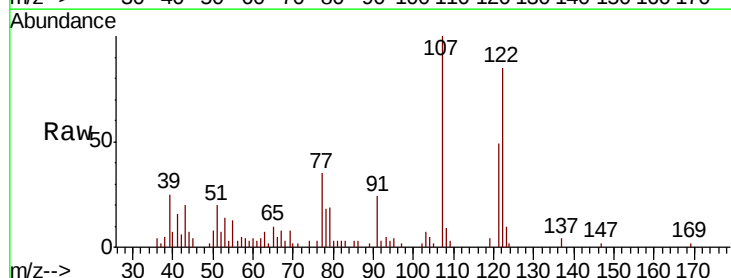
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS010-1824-01

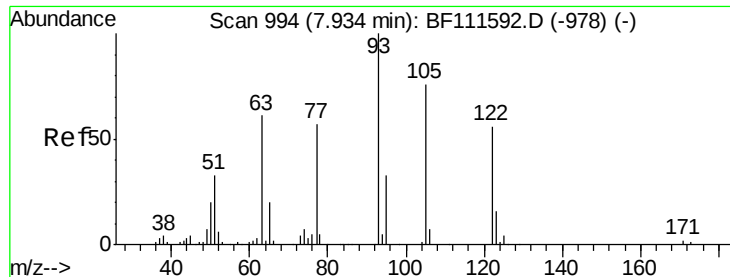
Tot Ion	82	Resp	516229
Ion Ratio	Lower	Upper	
82	100		
128	44.1	37.4	56.2
54	56.4	47.6	71.4



#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

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

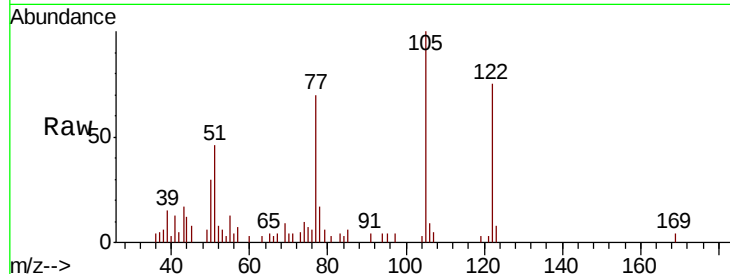




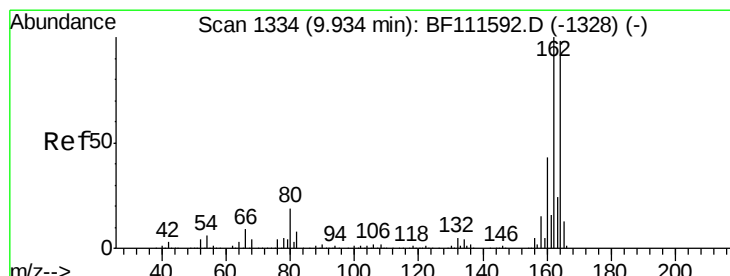
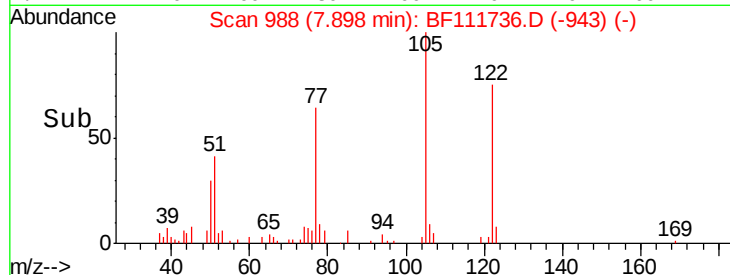
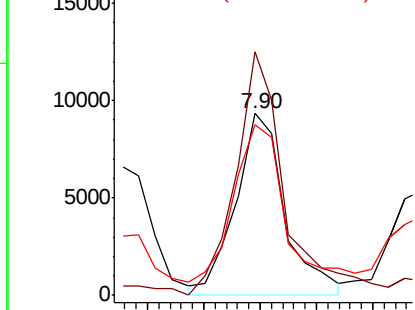
#32
Benzoic acid
Concen: 2.519 ng
RT: 7.90 min Scan# 988
Delta R.T. -0.04 min
Lab File: BF111736.D
Acq: 27 Dec 2018 1:35

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

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

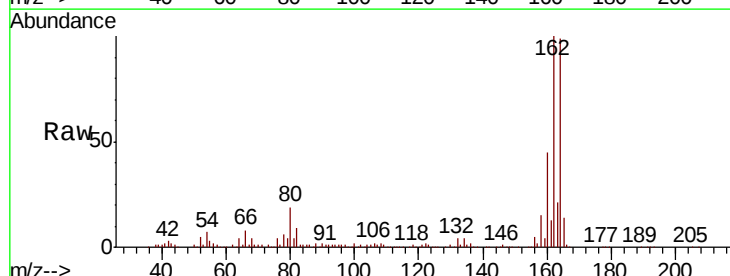


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF1

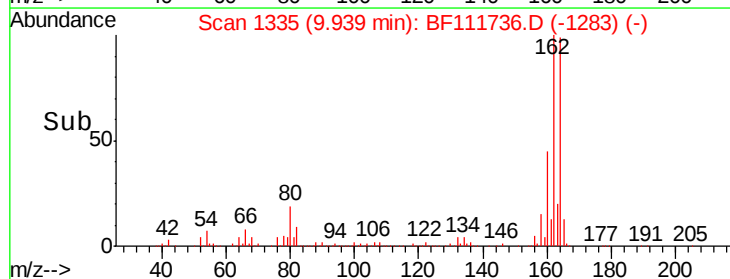
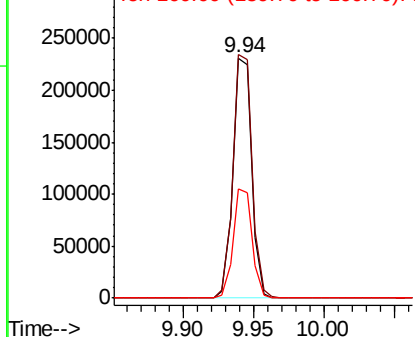


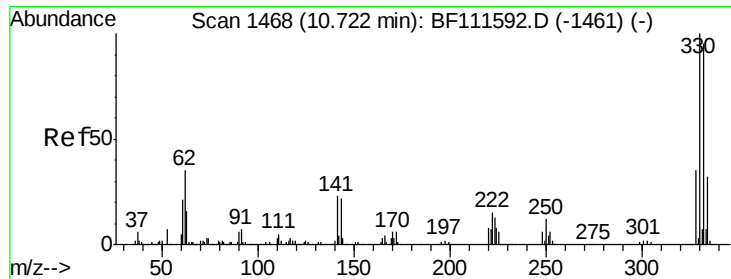
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.94 min Scan# 1335
Delta R.T. 0.01 min
Lab File: BF111736.D
Acq: 27 Dec 2018 1:35

Tgt 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

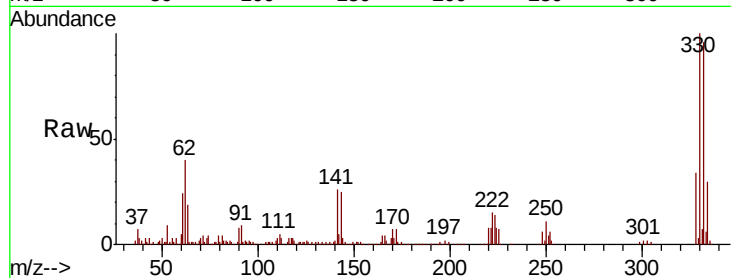




#42
 2,4,6-Tribromophenol
 Concen: 89.109 ng
 RT: 10.73 min Scan# 1470
 Delta R.T. 0.01 min
 Lab File: BF111736.D
 Acq: 27 Dec 2018 1:35

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	76.0	114.0
141	31.7	31.0	46.6

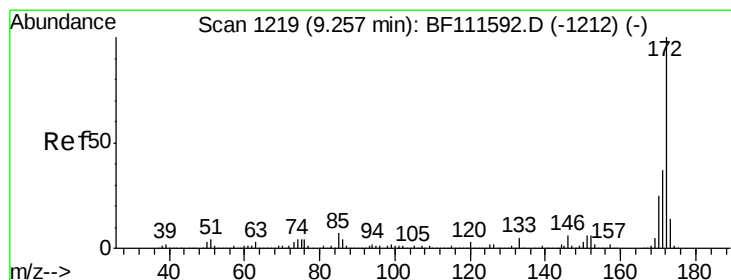
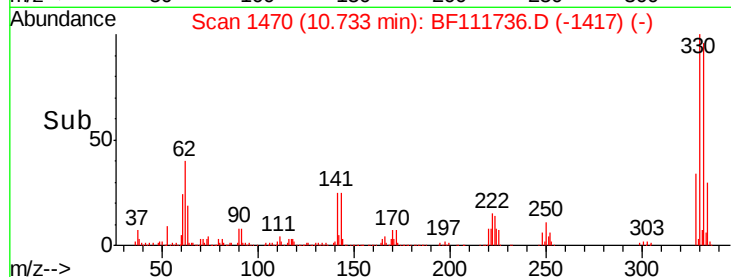
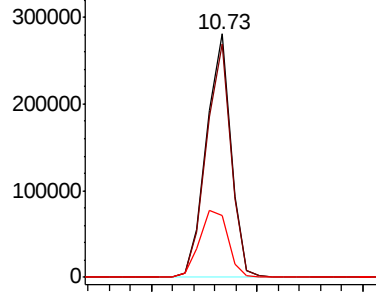


Abundance

Ion 329.80 (329.50 to 330.50): E

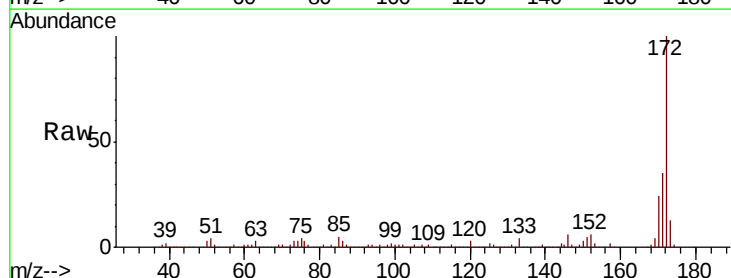
Ion 331.80 (331.50 to 332.50): E

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

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	33.0	49.4
170	23.6	22.3	33.5

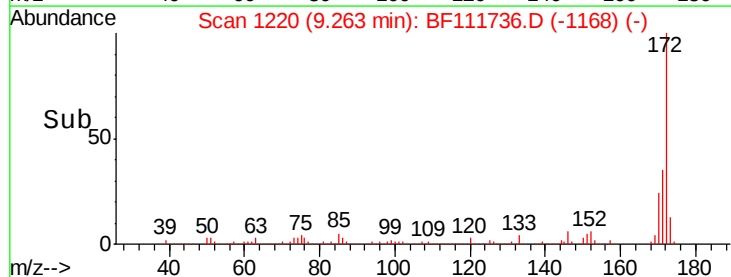
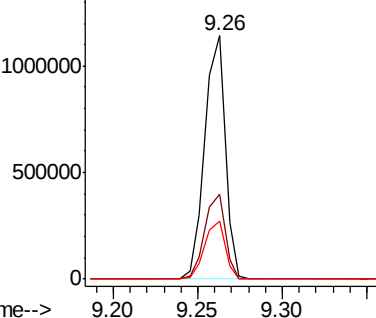


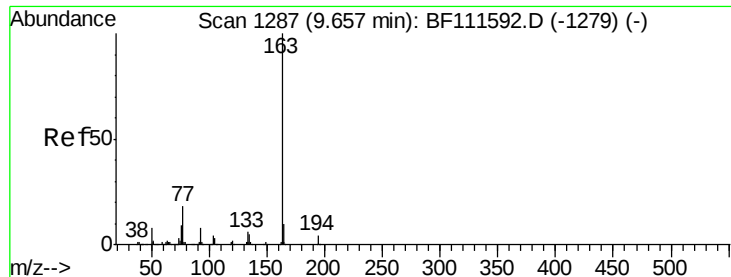
Abundance

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

Instrument :

BNA_F

ClientSampleId :

P001-SS010-1824-01

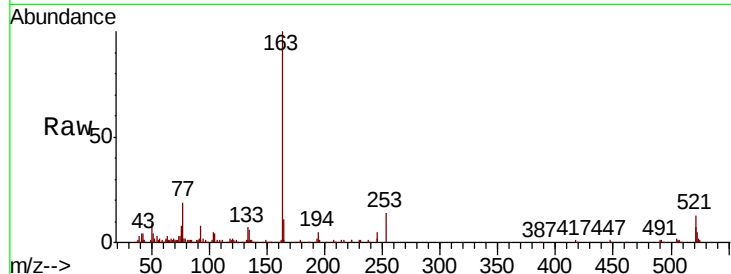
Tot Ion:163 Resp: 130880

Ion Ratio Lower Upper

163 100

194 5.2 3.0 4.6#

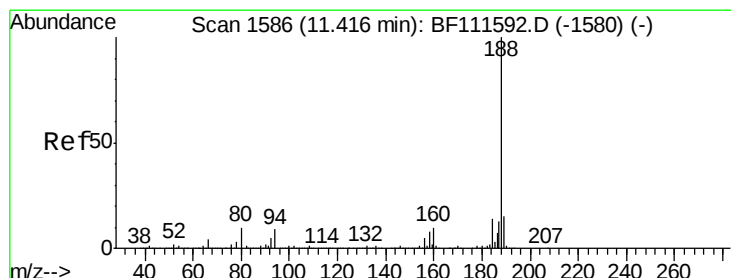
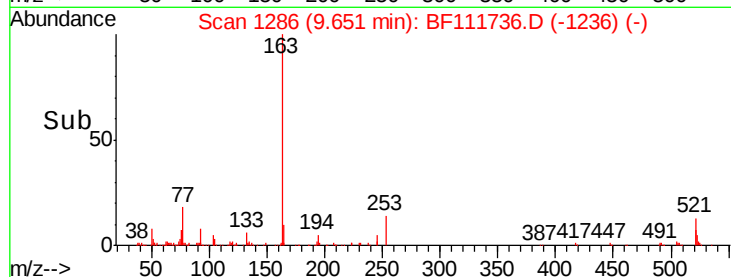
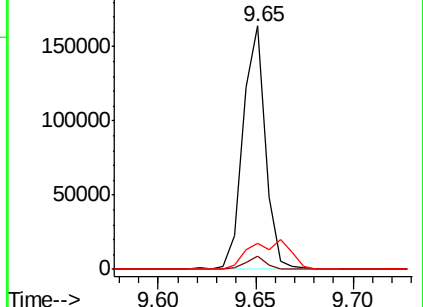
164 10.7 8.9 13.3



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



#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

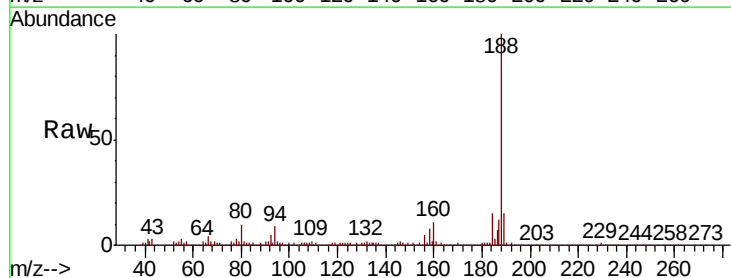
Tgt Ion:188 Resp: 391319

Ion Ratio Lower Upper

188 100

94 9.3 9.6 14.4#

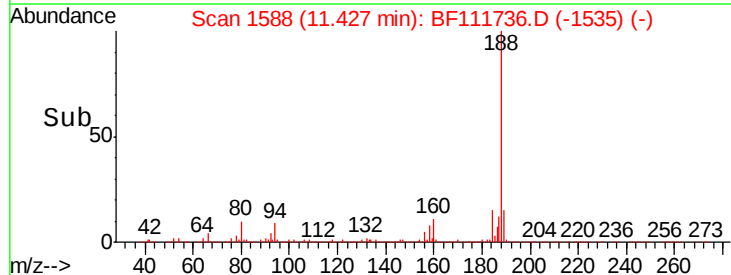
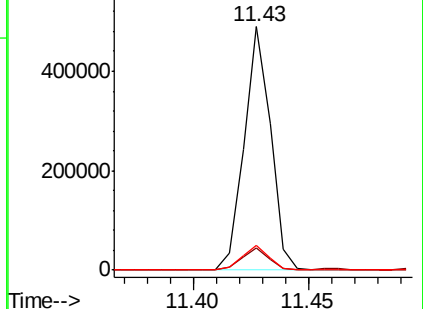
80 9.9 9.8 14.6

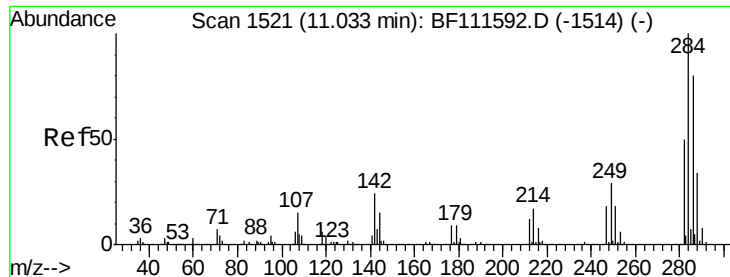


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#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

Instrument :

BNA_F

ClientSampleId :

P001-SS010-1824-01

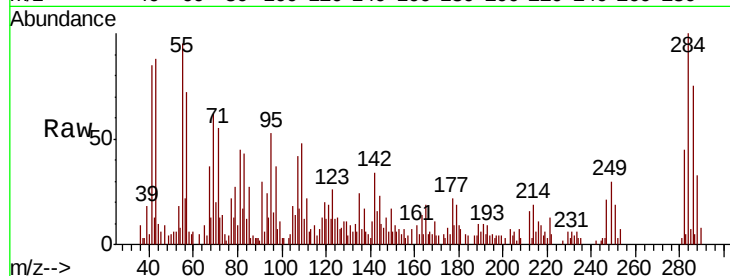
Tot Ion:284 Resp: 11315

Ion Ratio Lower Upper

284 100

142 34.4 27.4 41.2

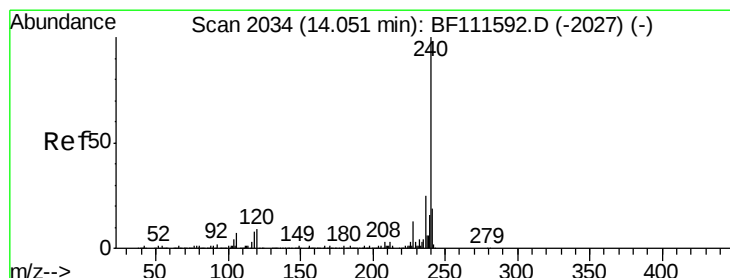
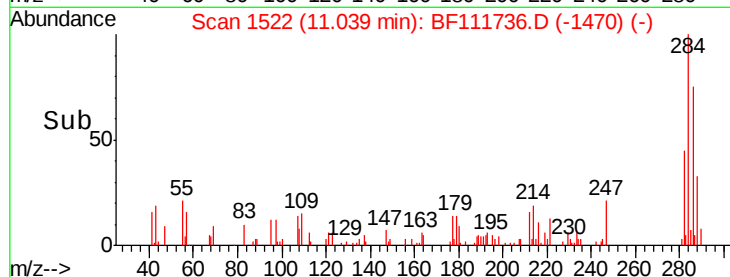
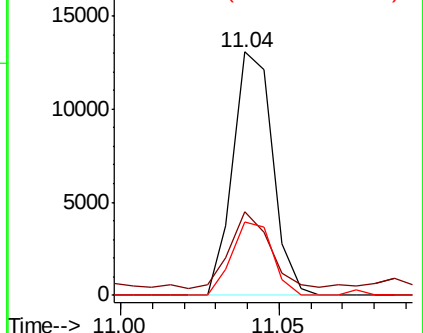
249 30.2 24.4 36.6



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

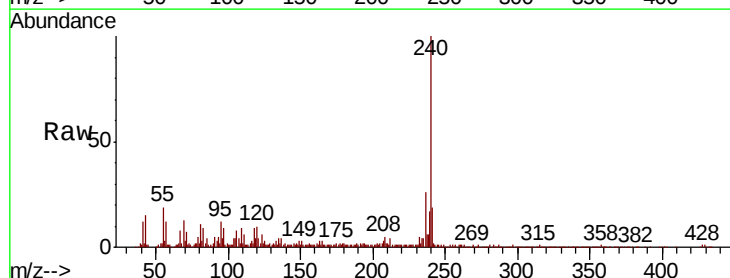
Tgt Ion:240 Resp: 300969

Ion Ratio Lower Upper

240 100

120 10.4 12.2 18.2#

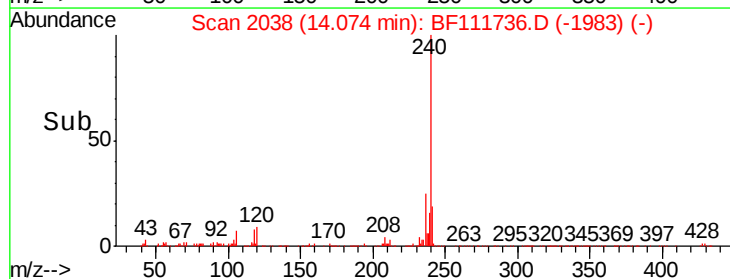
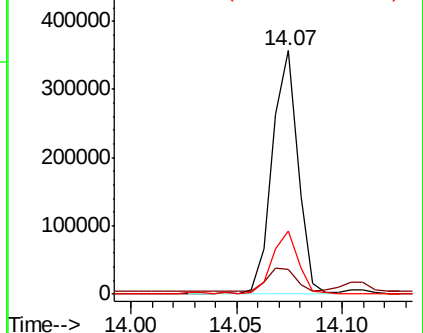
236 25.7 20.2 30.2

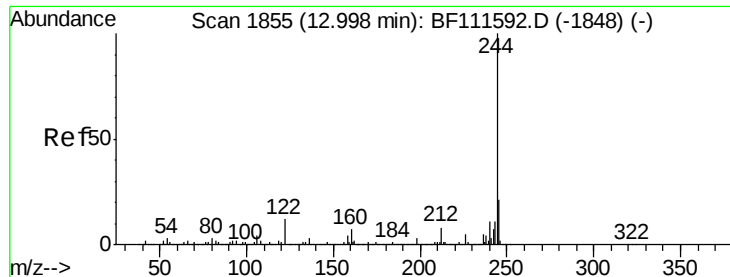


Abundance Ion 240.00 (239.70 to 240.70): E

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

Instrument :

BNA_F

ClientSampleId :

P001-SS010-1824-01

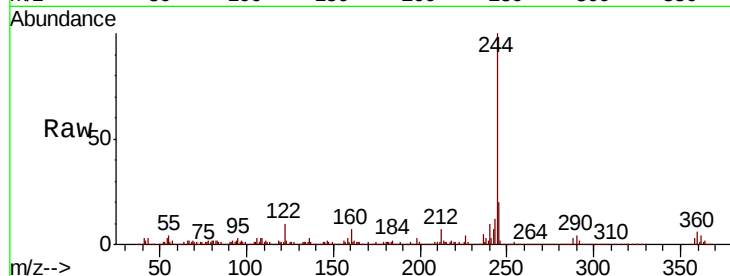
Tot Ion:244 Resp: 937166

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

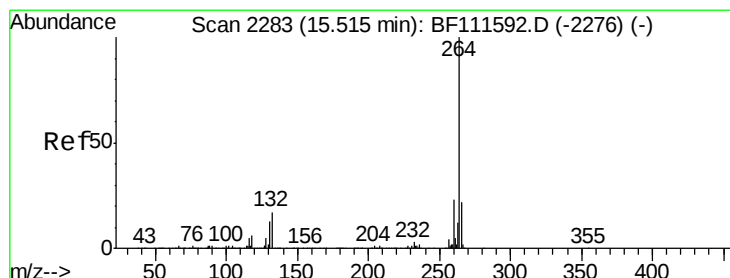
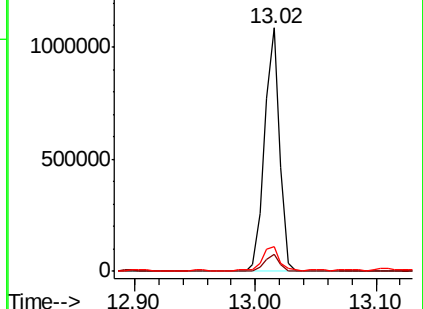
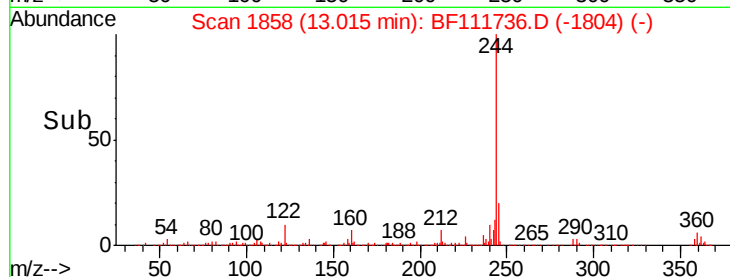
122 10.0 13.1 19.7#



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

Perylene-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

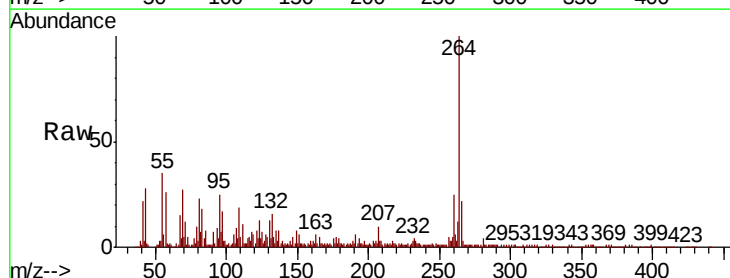
Tgt Ion:264 Resp: 229125

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

