

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF122618\
 Data File : BF111708.D
 Acq On : 26 Dec 2018 11:41
 Operator : JU/SJ
 Sample : J6446-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-02

Quant Time: Dec 26 13:51:40 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 26 13:36:07 2018
 Response via : Initial Calibration

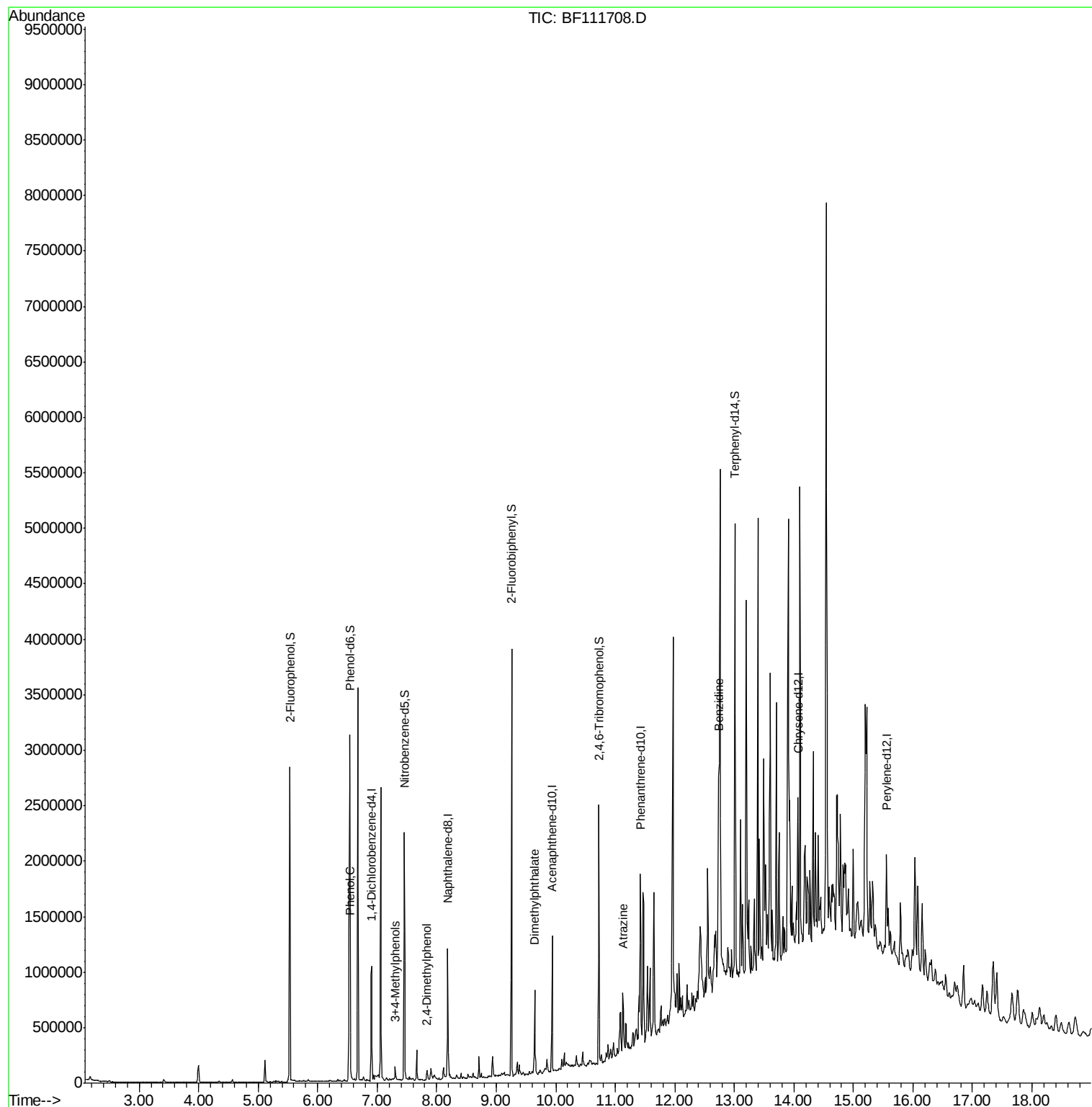
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	149939	20.00	ng	0.00
21) Naphthalene-d8	8.18	136	505937	20.00	ng	0.00
39) Acenaphthene-d10	9.94	164	239472	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	447820	20.00	ng	0.00
76) Chrysene-d12	14.07	240	485650	20.00	ng	0.00
87) Perylene-d12	15.56	264	444676	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	764755	86.94	ng	0.00
7) Phenol-d6	6.54	99	939977	83.97	ng	0.00
23) Nitrobenzene-d5	7.46	82	604110	69.50	ng	-0.01
42) 2,4,6-Tribromophenol	10.73	330	280762	99.23	ng	0.00
45) 2-Fluorobiphenyl	9.26	172	1070333	65.15	ng	0.00
79) Terphenyl-d14	13.01	244	1213284	47.38	ng	0.00
Target Compounds						
10) Phenol	6.55	94	113954	9.022	ng	97
20) 3+4-Methylphenols	7.30	107	28231	2.863	ng	# 64
27) 2,4-Dimethylphenol	7.83	122	16558	2.273	ng	# 82
50) Dimethylphthalate	9.65	163	248599	14.196	ng	98
69) Atrazine	11.13	200	53523	10.249	ng	# 39
77) Benzidine	12.73	184	44758	2.449	ng	# 57

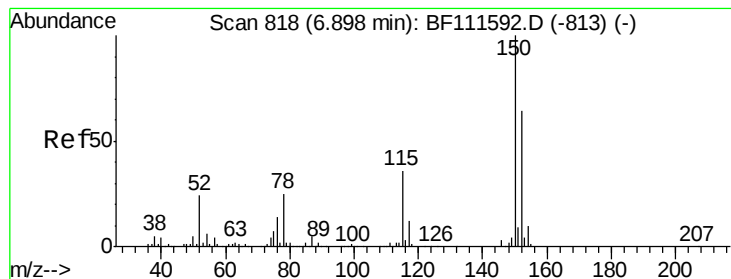
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Wed Dec 26 13:36:07 2018
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.90 min Scan# 819

Delta R.T. -0.00 min

Lab File: BF111708.D

Acq: 26 Dec 2018 11:41

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-02

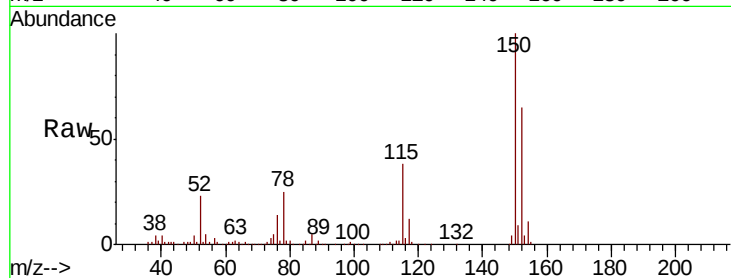
Tot Ion:152 Resp: 149939

Ion Ratio Lower Upper

152 100

150 154.3 126.6 189.8

115 57.9 50.7 76.1

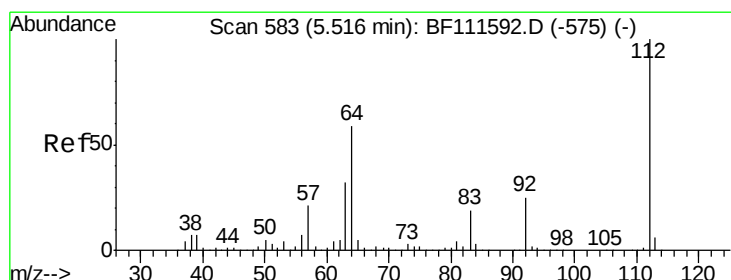
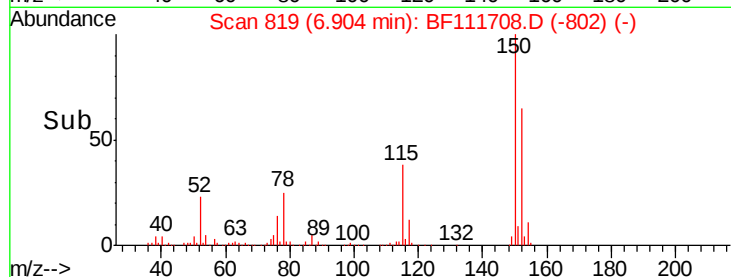
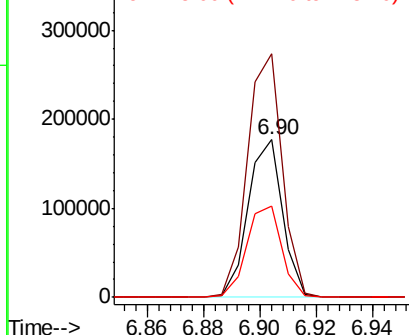


Abundance

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: 86.939 ng

RT: 5.53 min Scan# 586

Delta R.T. -0.00 min

Lab File: BF111708.D

Acq: 26 Dec 2018 11:41

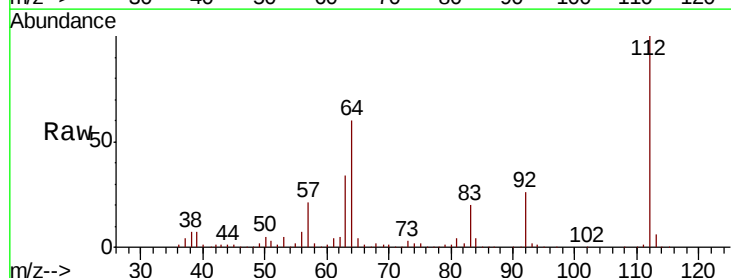
Tgt Ion:112 Resp: 764755

Ion Ratio Lower Upper

112 100

64 60.1 51.8 77.6

63 33.7 26.8 40.2

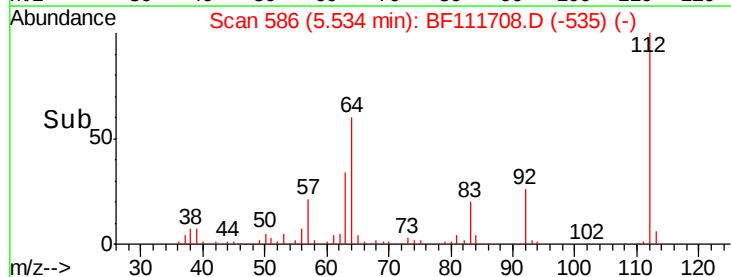
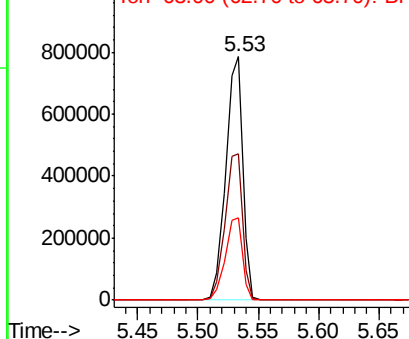


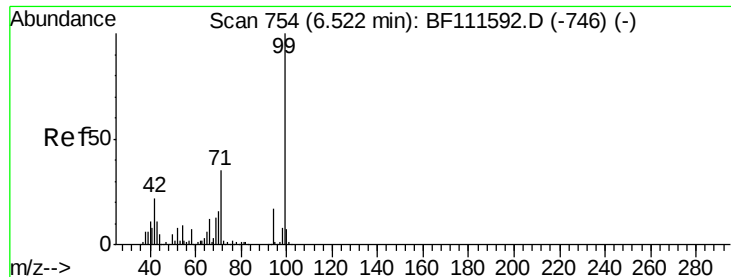
Abundance

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: 83.965 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF111708.D

Acq: 26 Dec 2018 11:41

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-02

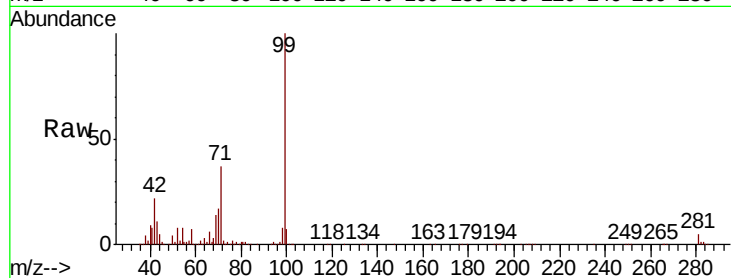
Tot Ion: 99 Resp: 939977

Ion Ratio Lower Upper

99 100

42 22.2 17.4 26.0

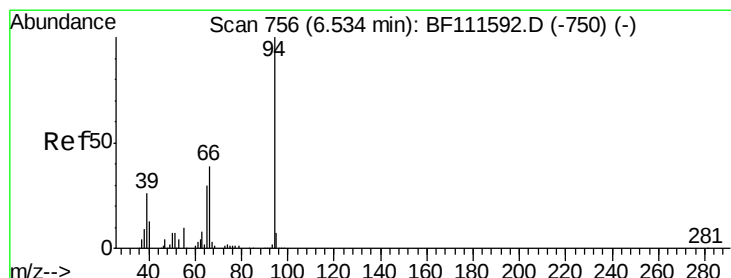
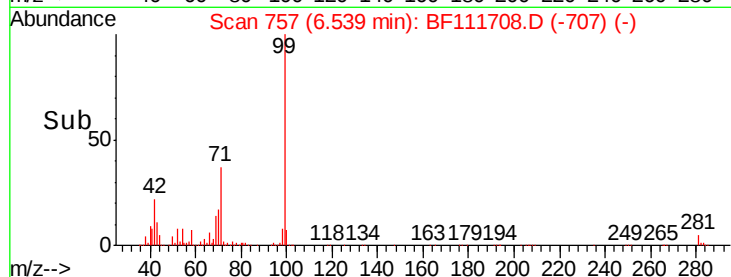
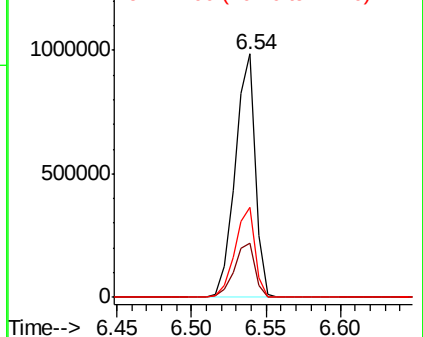
71 36.8 26.1 39.1



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: 9.022 ng

RT: 6.55 min Scan# 759

Delta R.T. -0.01 min

Lab File: BF111708.D

Acq: 26 Dec 2018 11:41

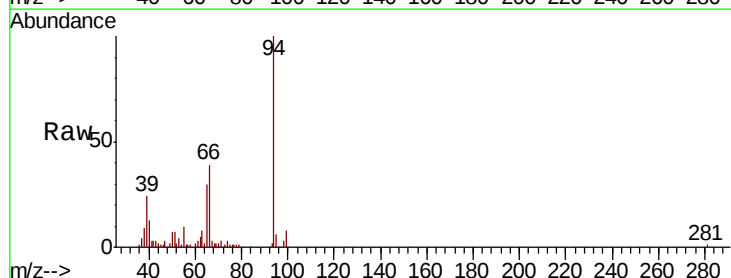
Tgt Ion: 94 Resp: 113954

Ion Ratio Lower Upper

94 100

65 30.0 11.7 51.7

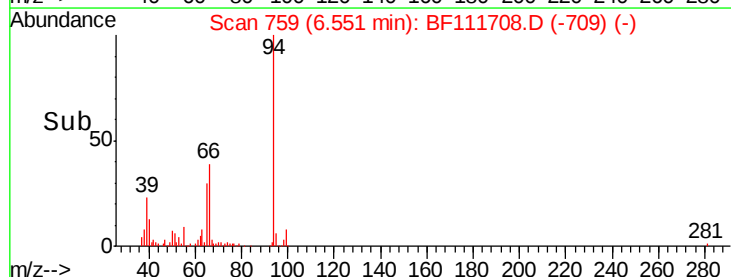
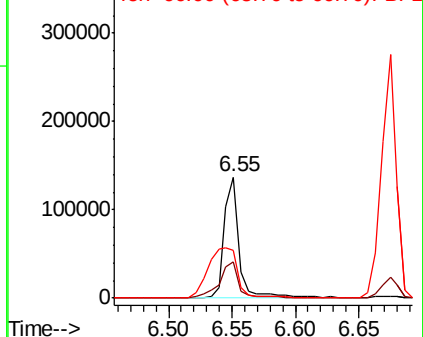
66 39.4 21.0 61.0

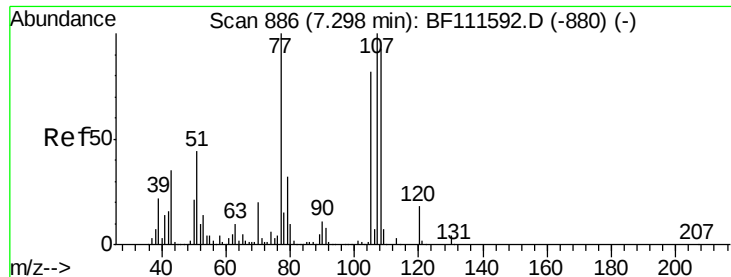


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#20

3+4-Methylphenols

Concen: 2.863 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.01 min

Lab File: BF111708.D

Acq: 26 Dec 2018 11:41

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-02

Tot Ion:107 Resp: 28231

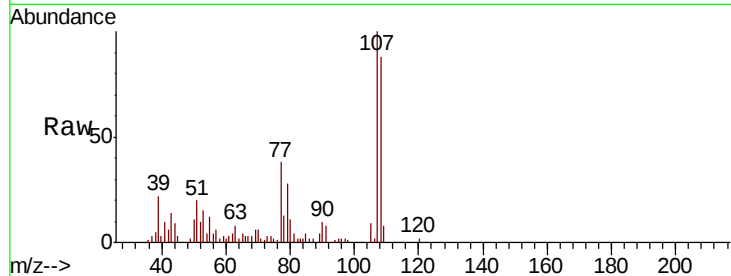
Ion Ratio Lower Upper

107 100

108 88.5 72.1 112.1

77 38.0 94.1 134.1#

79 28.1 9.8 49.8



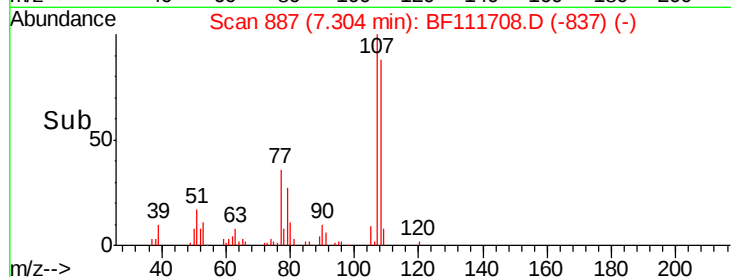
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

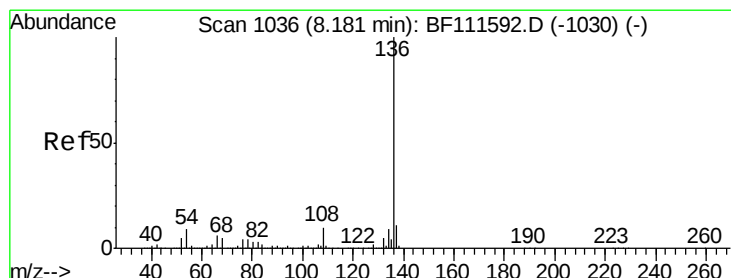
Ion 79.00 (78.70 to 79.70): BF1

Time-->



Abundance

Time-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.18 min Scan# 1036

Delta R.T. -0.01 min

Lab File: BF111708.D

Acq: 26 Dec 2018 11:41

Tgt Ion:136 Resp: 505937

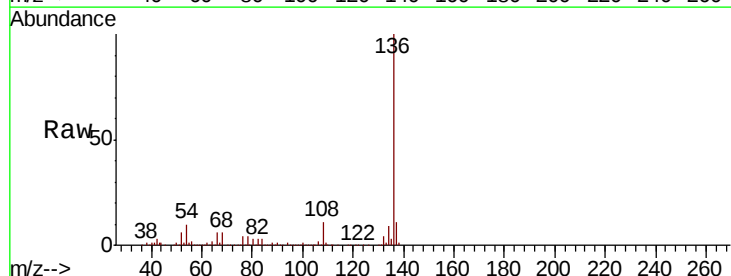
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.7 7.7 11.5

68 5.8 4.9 7.3



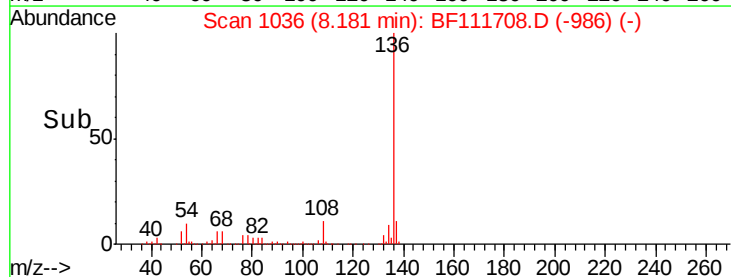
Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

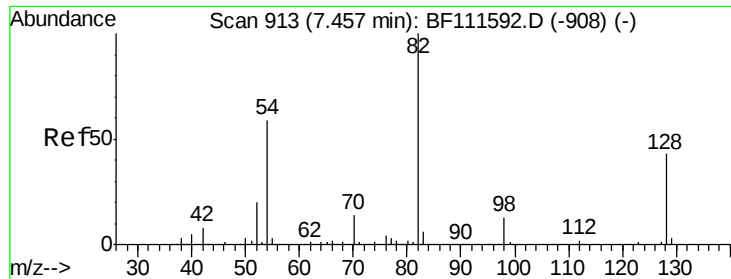
Ion 68.00 (67.70 to 68.70): BF1

Time-->



Abundance

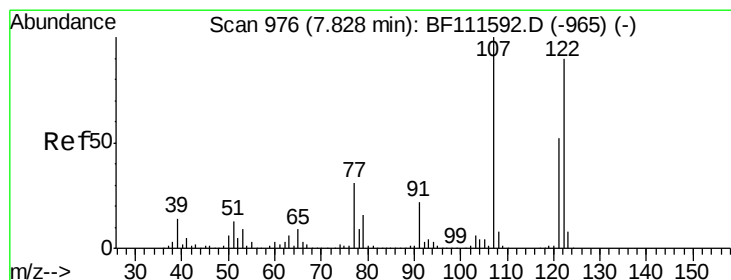
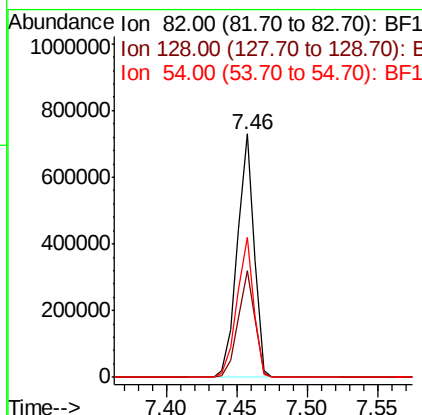
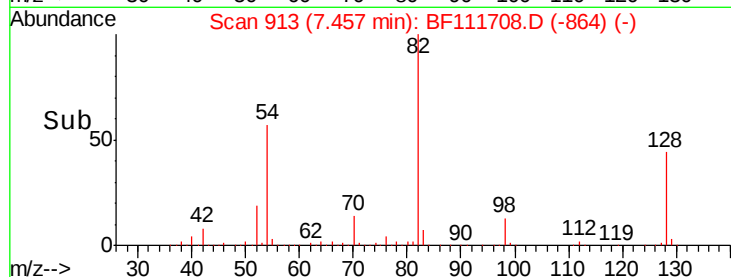
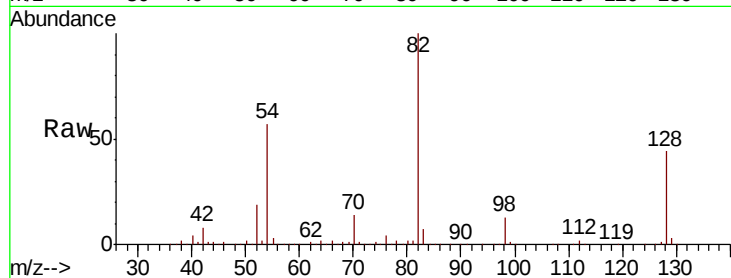
Time-->



#23
Nitrobenzene-d5
Concen: 69.502 ng
RT: 7.46 min Scan# 913
Delta R.T. -0.01 min
Lab File: BF111708.D
Acq: 26 Dec 2018 11:41

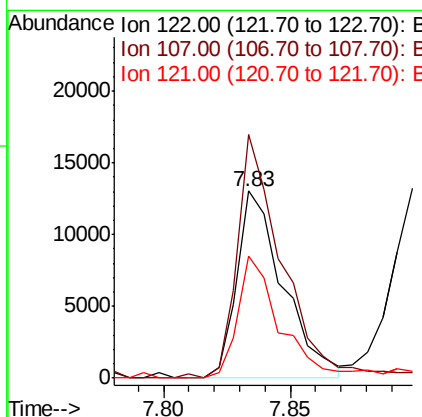
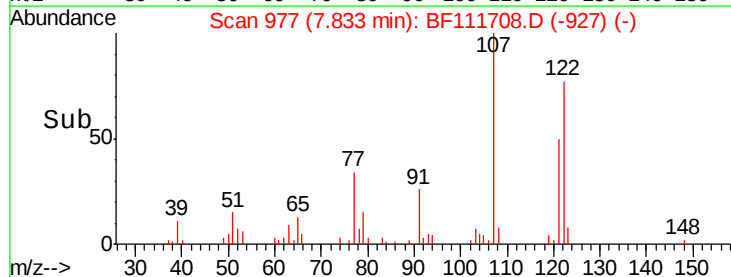
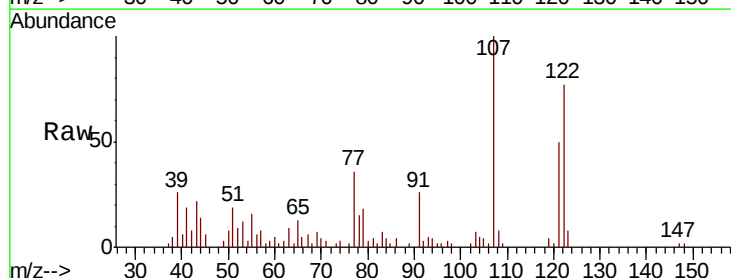
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-02

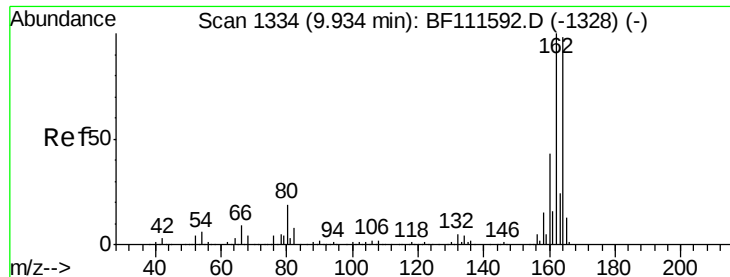
Tot Ion	82	Resp	604110
Ion Ratio	Lower	Upper	
82	100		
128	43.8	37.4	56.2
54	57.4	47.6	71.4



#27
2,4-Dimethylphenol
Concen: 2.273 ng
RT: 7.83 min Scan# 977
Delta R.T. -0.01 min
Lab File: BF111708.D
Acq: 26 Dec 2018 11:41

Tgt Ion	122	Resp	16558
Ion Ratio	Lower	Upper	
122	100		
107	130.0	85.5	128.3#
121	65.2	46.6	70.0

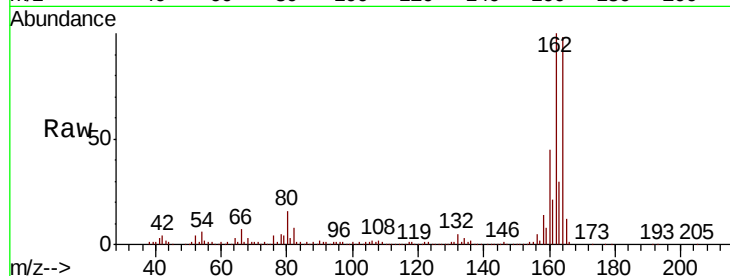




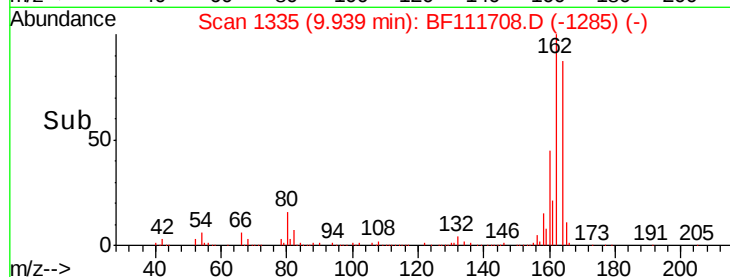
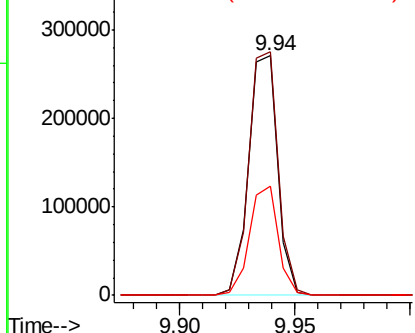
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.94 min Scan# 1335
 Delta R.T. -0.01 min
 Lab File: BF111708.D
 Acq: 26 Dec 2018 11:41

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS025-1218-02

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	81.4	122.0
160	45.4	35.7	53.5

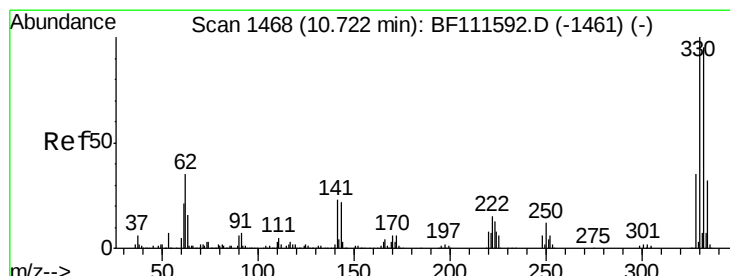


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

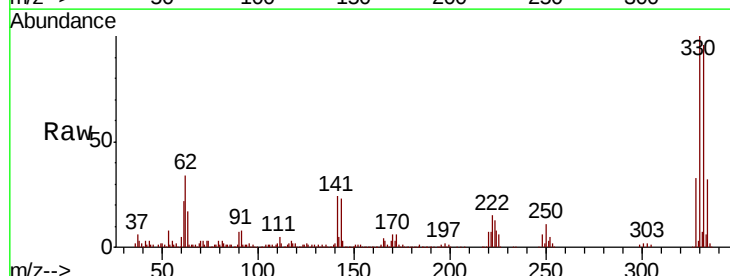
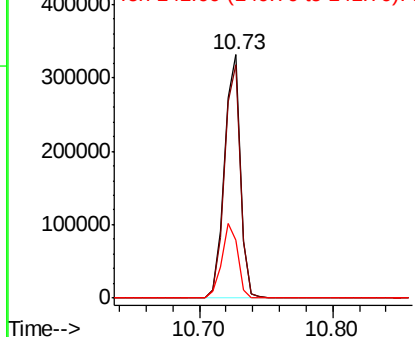


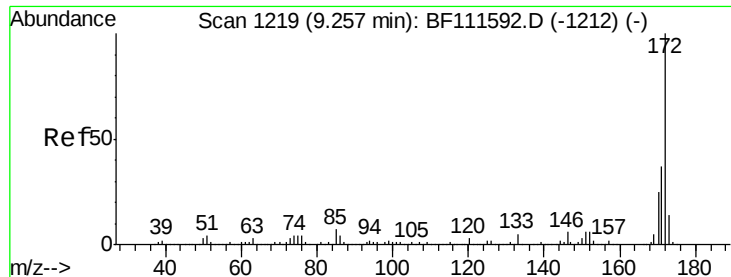
#42
 2,4,6-Tribromophenol
 Concen: 99.225 ng
 RT: 10.73 min Scan# 1469
 Delta R.T. -0.01 min
 Lab File: BF111708.D
 Acq: 26 Dec 2018 11:41

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.5	76.0	114.0
141	30.8	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

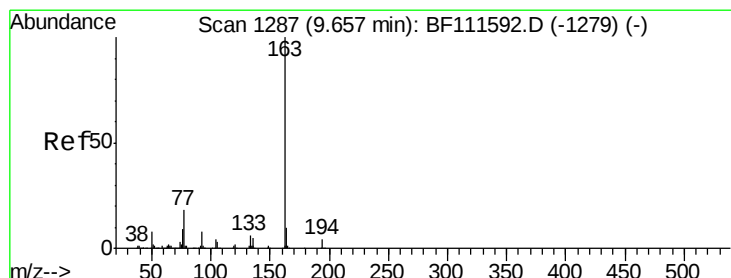
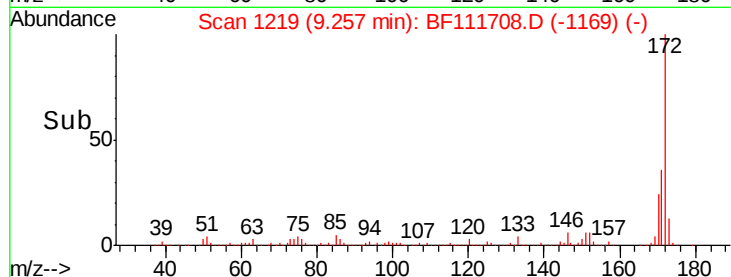
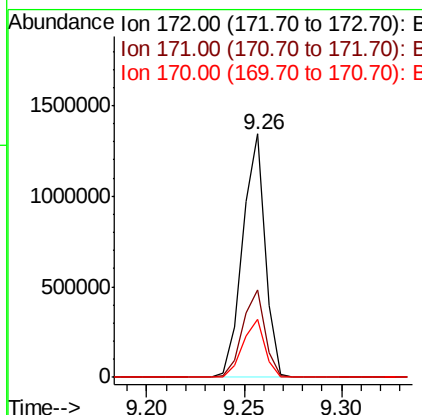
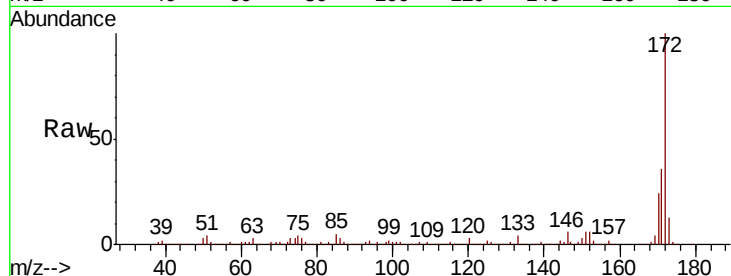




#45
2-Fluorobiphenyl
Concen: 65.147 ng
RT: 9.26 min Scan# 1219
Delta R.T. -0.01 min
Lab File: BF111708.D
Acq: 26 Dec 2018 11:41

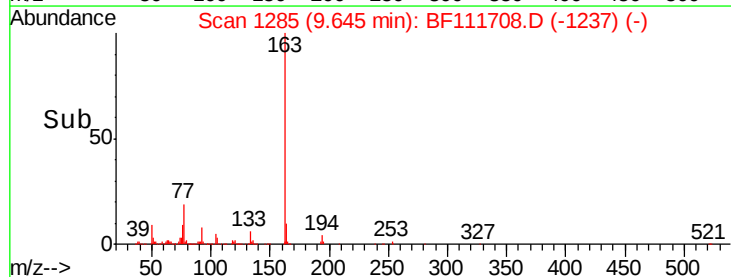
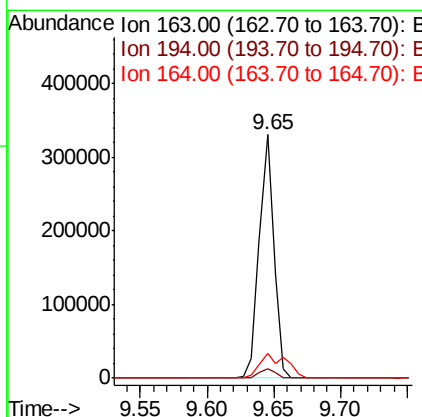
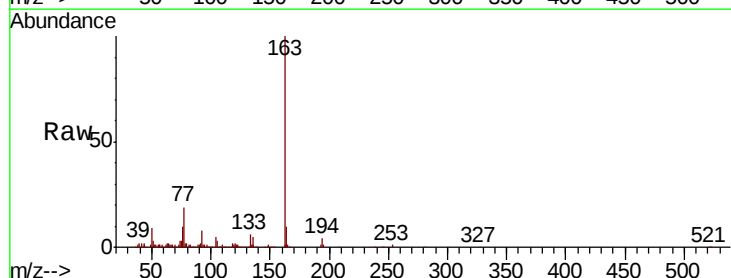
Instrument :
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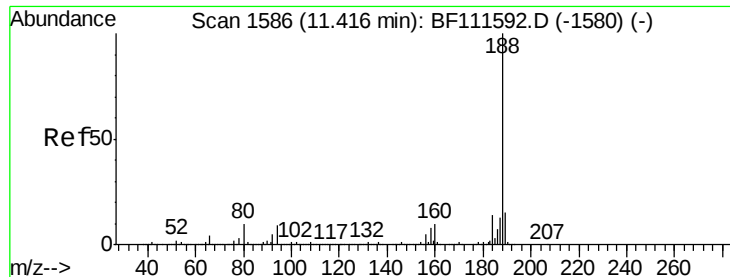
Tot Ion:172 Resp: 1070333
Ion Ratio Lower Upper
172 100
171 36.0 33.0 49.4
170 23.7 22.3 33.5



#50
Dimethylphthalate
Concen: 14.196 ng
RT: 9.65 min Scan# 1285
Delta R.T. -0.02 min
Lab File: BF111708.D
Acq: 26 Dec 2018 11:41

Tgt Ion:163 Resp: 248599
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 10.2 8.9 13.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.42 min Scan# 1587

Delta R.T. -0.01 min

Lab File: BF111708.D

Acq: 26 Dec 2018 11:41

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-02

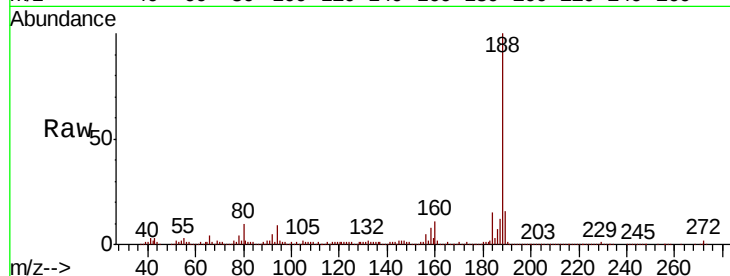
Tot Ion:188 Resp: 447820

Ion Ratio Lower Upper

188 100

94 9.1 9.6 14.4#

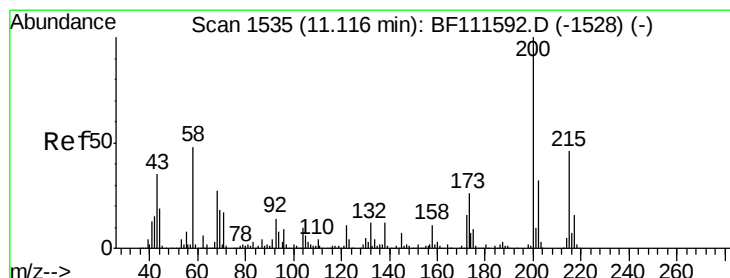
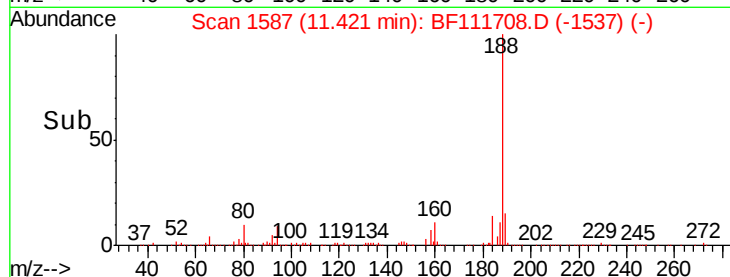
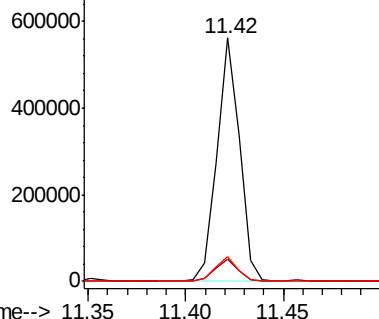
80 10.2 9.8 14.6



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



#69

Atrazine

Concen: 10.249 ng

RT: 11.13 min Scan# 1537

Delta R.T. 0.01 min

Lab File: BF111708.D

Acq: 26 Dec 2018 11:41

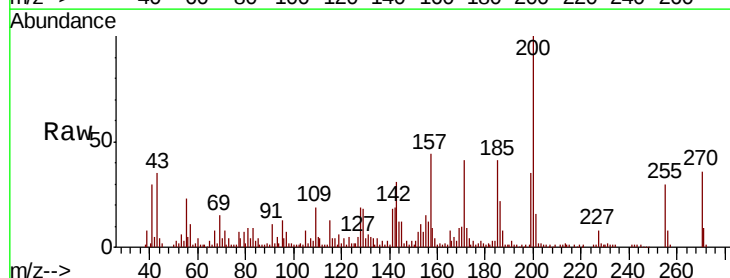
Tgt Ion:200 Resp: 53523

Ion Ratio Lower Upper

200 100

173 3.5 10.1 50.1#

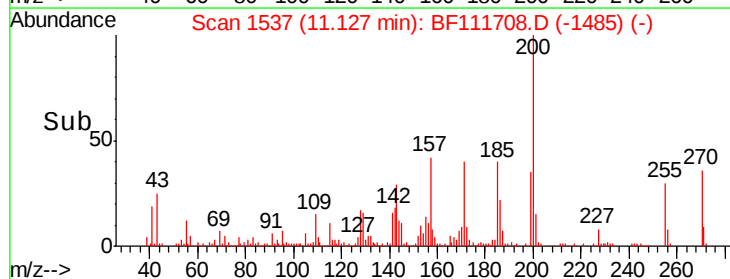
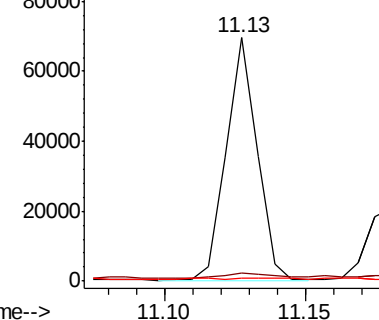
215 1.2 26.9 66.9#

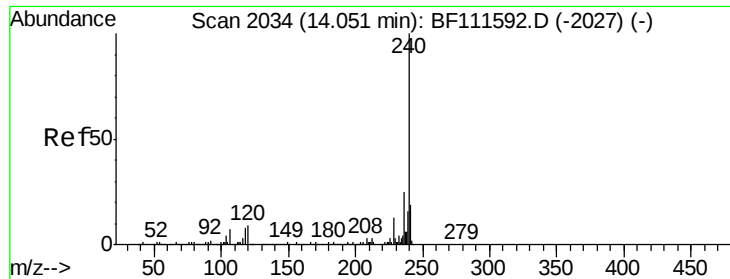


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

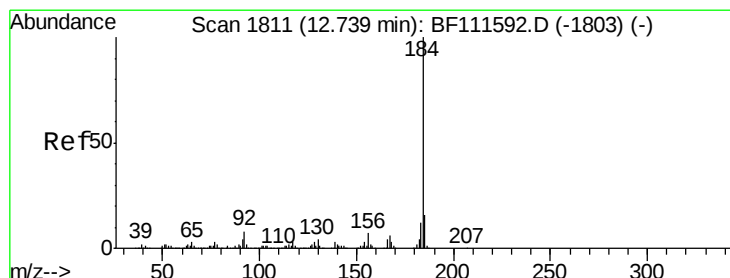
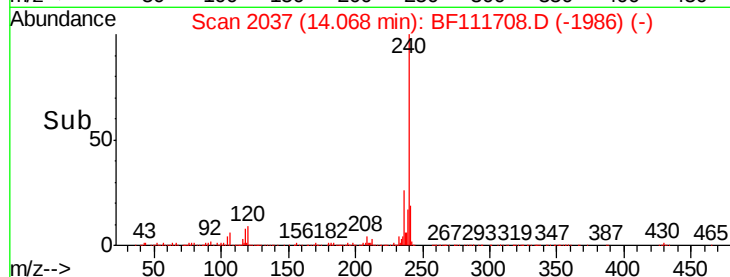
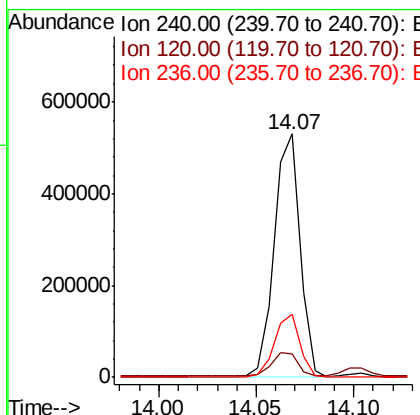
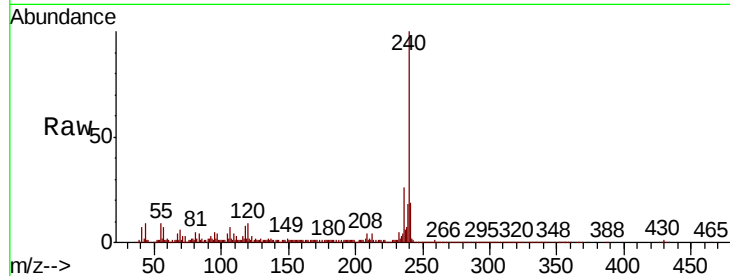




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.07 min Scan# 2037
Delta R.T. -0.00 min
Lab File: BF111708.D
Acq: 26 Dec 2018 11:41

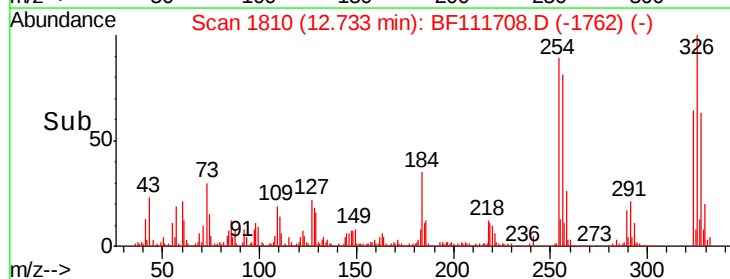
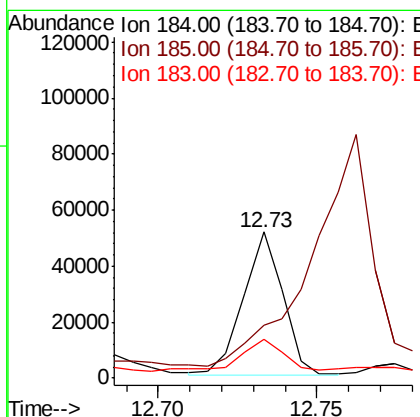
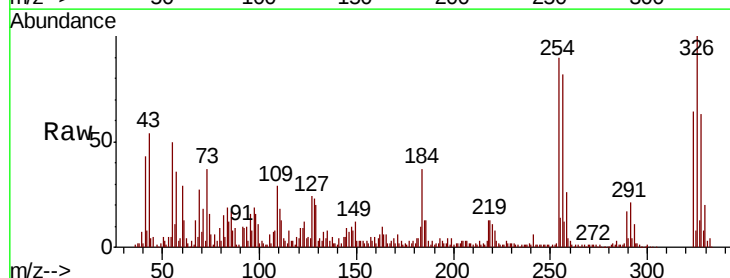
Instrument :
BNA_F
ClientSampleId :
P001-SS025-1218-02

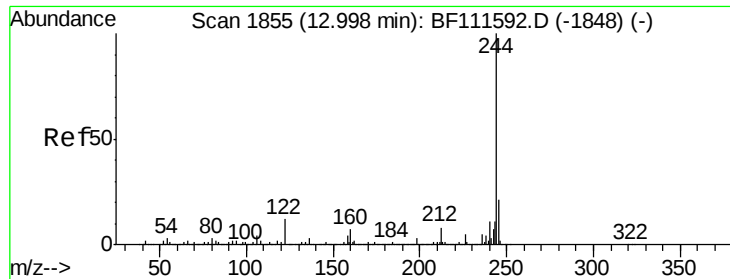
Tot Ion	Ratio	Lower	Upper
240	100		
120	9.5	12.2	18.2#
236	25.9	20.2	30.2



#77
Benzidine
Concen: 2.449 ng
RT: 12.73 min Scan# 1810
Delta R.T. -0.02 min
Lab File: BF111708.D
Acq: 26 Dec 2018 11:41

Tgt Ion	Ratio	Lower	Upper
184	100		
185	36.4	13.0	19.6#
183	26.1	9.3	13.9#





#79

Terphenyl-d14

Concen: 47.378 ng

RT: 13.01 min Scan# 1857

Delta R.T. -0.00 min

Lab File: BF111708.D

Acq: 26 Dec 2018 11:41

Instrument :

BNA_F

ClientSampleId :

P001-SS025-1218-02

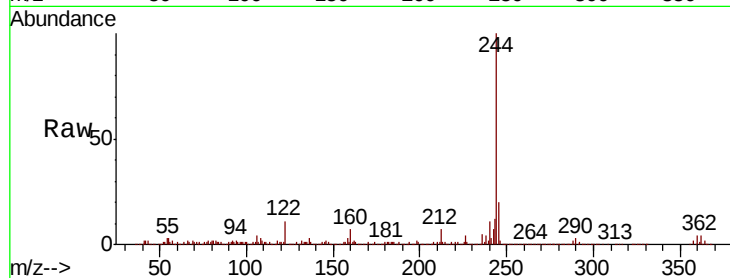
Tot Ion:244 Resp: 1213284

Ion Ratio Lower Upper

244 100

212 7.2 5.7 8.5

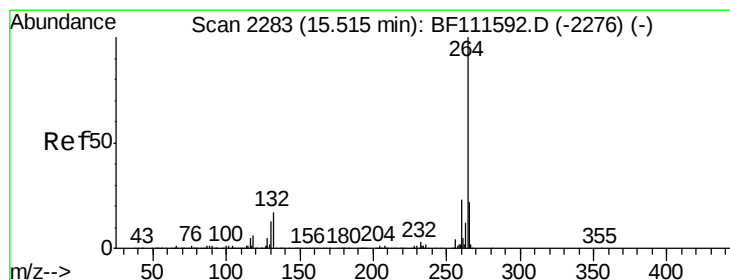
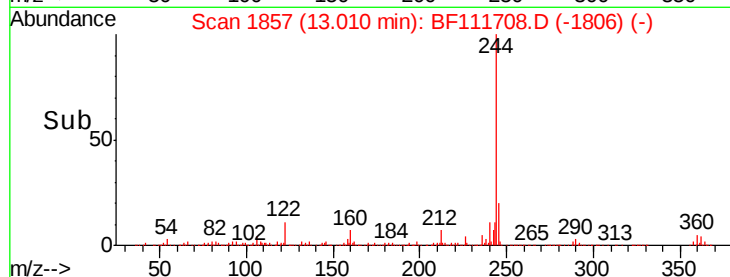
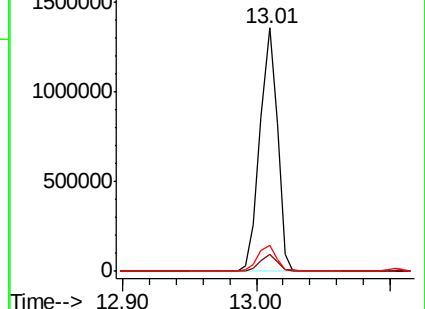
122 10.9 13.1 19.7#



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# 2290

Delta R.T. 0.01 min

Lab File: BF111708.D

Acq: 26 Dec 2018 11:41

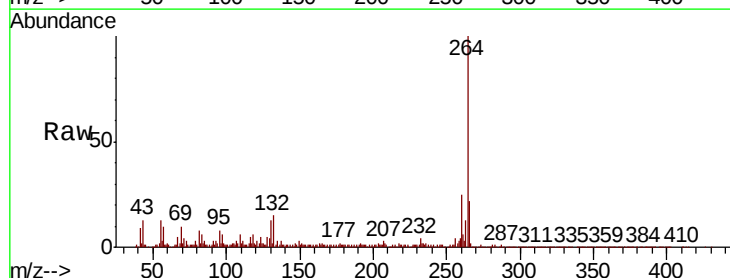
Tgt Ion:264 Resp: 444676

Ion Ratio Lower Upper

264 100

260 24.7 18.3 27.5

265 22.2 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

