

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121418\
 Data File : BF111446.D
 Acq On : 15 Dec 2018 4:21
 Operator : JU/SJ
 Sample : J6305-07DL 5X
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 P001-SW004-02DL

Quant Time: Dec 15 04:51:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

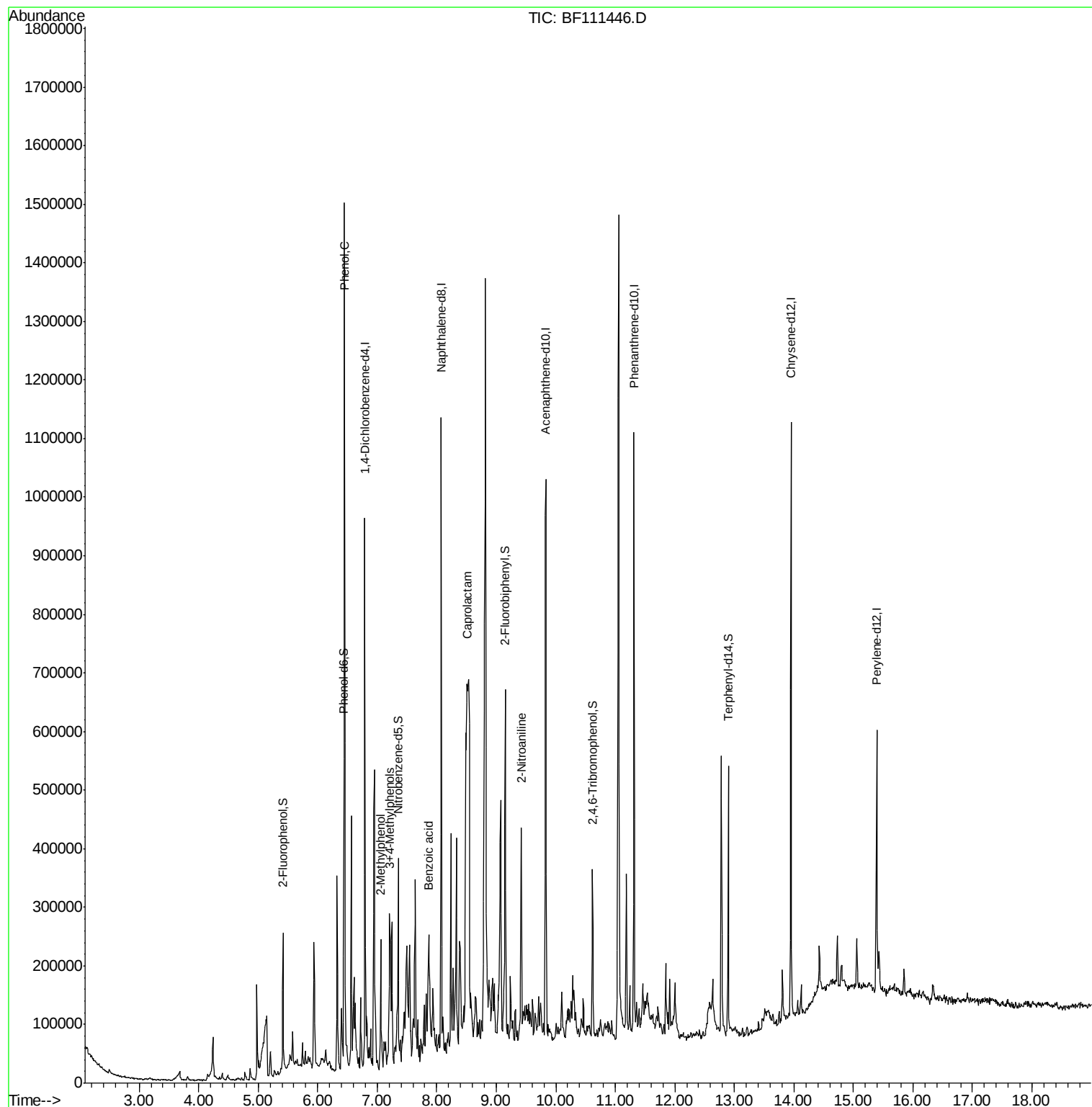
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	130595	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	476883	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	190924	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	358473	20.00	ng	0.00
76) Chrysene-d12	13.95	240	315457	20.00	ng	0.00
87) Perylene-d12	15.39	264	197349	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	65286	8.32	ng	0.00
7) Phenol-d6	6.43	99	47549	4.55	ng	0.00
23) Nitrobenzene-d5	7.35	82	89677	11.20	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	28316	16.56	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	153962	12.46	ng	0.00
79) Terphenyl-d14	12.90	244	144274	10.74	ng	0.00
Target Compounds						
10) Phenol	6.45	94	501956	43.164	ng	Qvalue 92
17) 2-Methylphenol	7.06	107	37382	4.953	ng	96
20) 3+4-Methylphenols	7.21	107	52424	5.538	ng	# 62
32) Benzoic acid	7.87	122	71036	13.384	ng	# 68
35) Caprolactam	8.51	113	147251	60.490	ng	98
48) 2-Nitroaniline	9.42	65	18672	4.677	ng	# 26

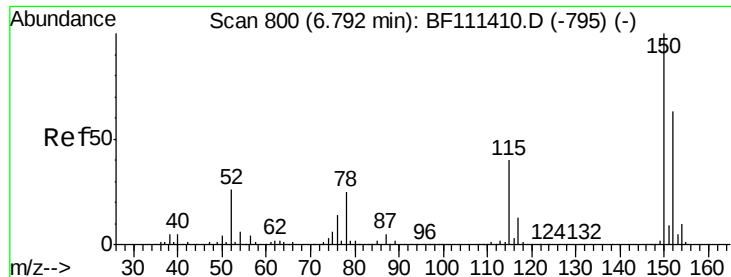
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF111446.D

Acq: 15 Dec 2018 4:21

Instrument :

BNA_G

ClientSampleId :

P001-SW004-02DL

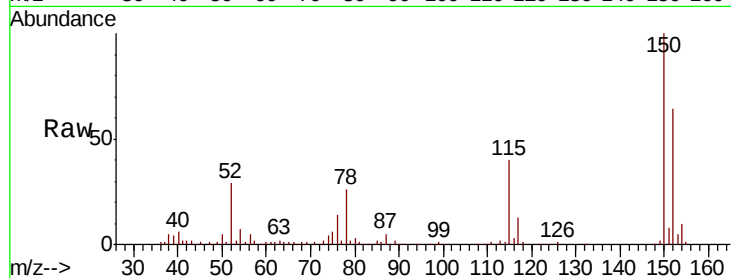
Tgt Ion:152 Resp: 130595

Ion Ratio Lower Upper

152 100

150 156.9 126.6 189.8

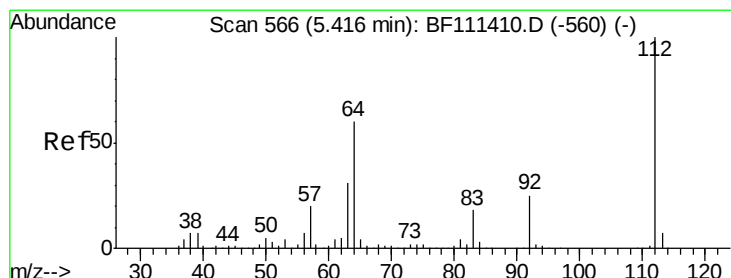
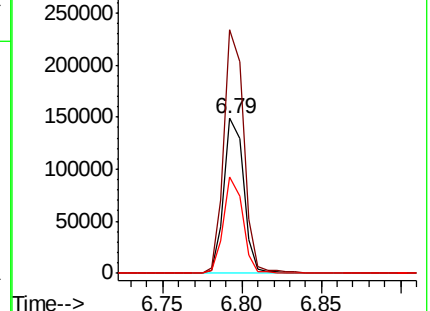
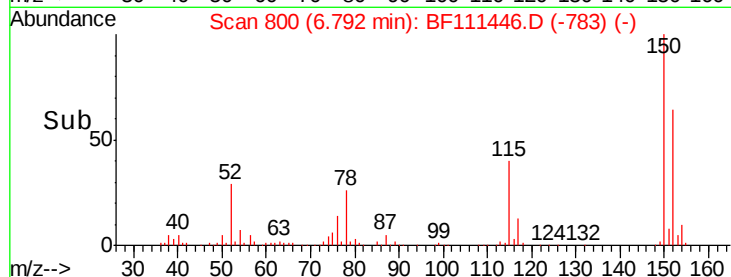
115 62.2 50.7 76.1



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: 8.319 ng

RT: 5.42 min Scan# 566

Delta R.T. 0.00 min

Lab File: BF111446.D

Acq: 15 Dec 2018 4:21

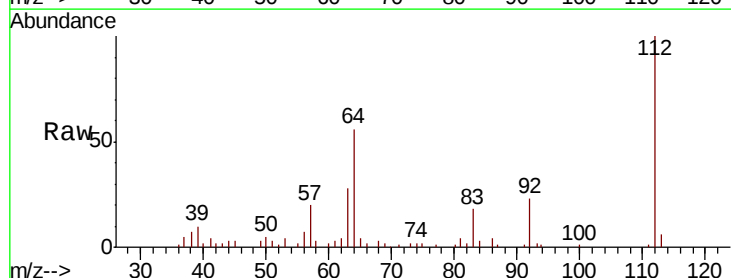
Tgt Ion:112 Resp: 65286

Ion Ratio Lower Upper

112 100

64 56.1 51.8 77.6

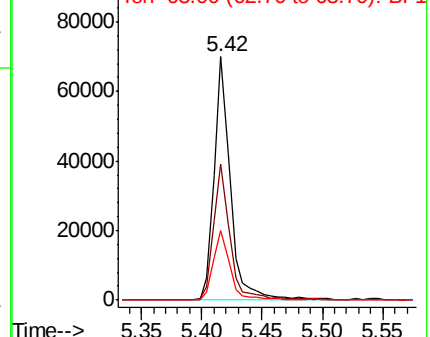
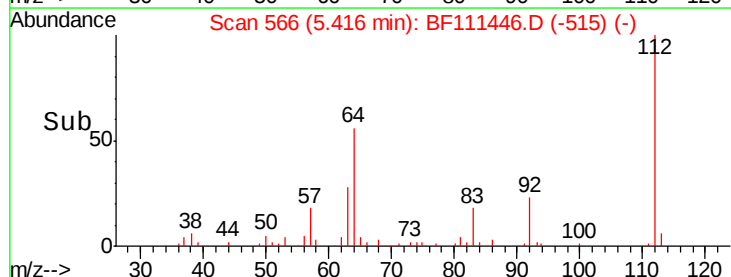
63 28.3 26.8 40.2



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: 4.555 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111446.D

Acq: 15 Dec 2018 4:21

Instrument :

BNA_G

ClientSampleId :

P001-SW004-02DL

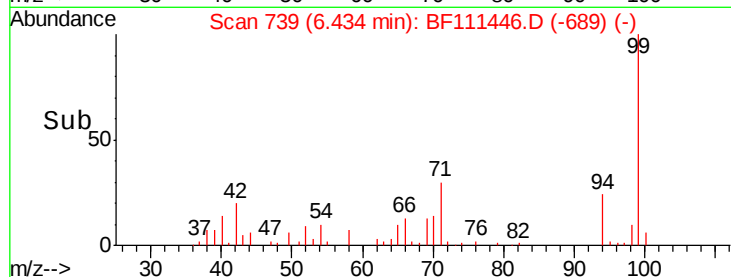
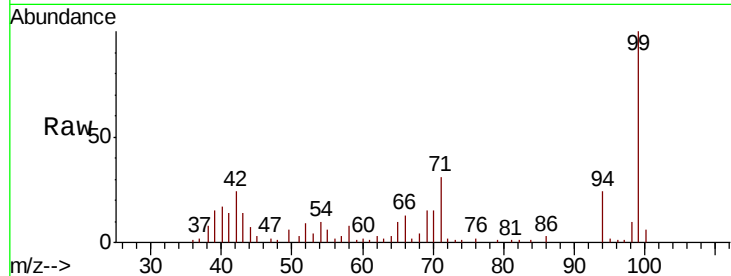
Tgt Ion: 99 Resp: 47549

Ion Ratio Lower Upper

99 100

42 23.8 17.4 26.0

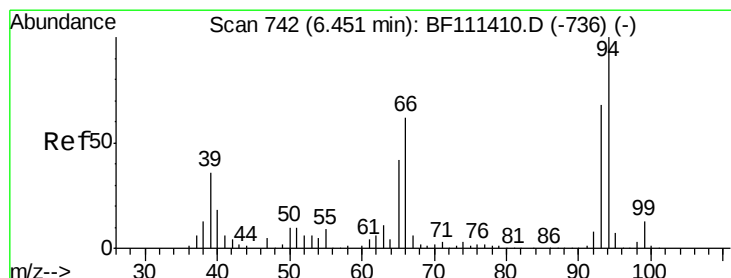
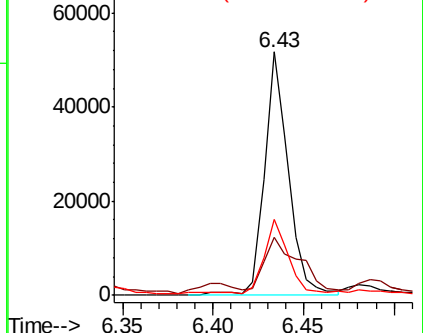
71 31.4 26.1 39.1



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: 43.164 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111446.D

Acq: 15 Dec 2018 4:21

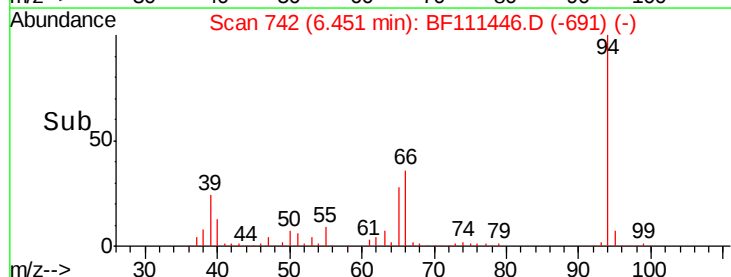
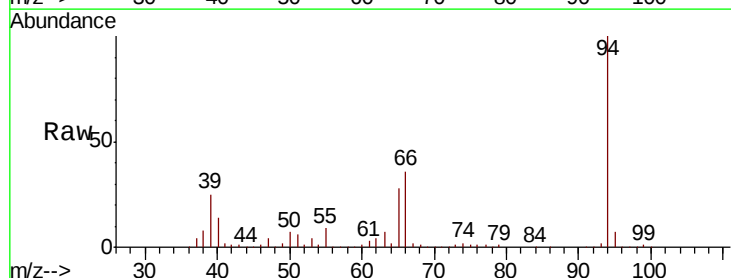
Tgt Ion: 94 Resp: 501956

Ion Ratio Lower Upper

94 100

65 27.5 11.7 51.7

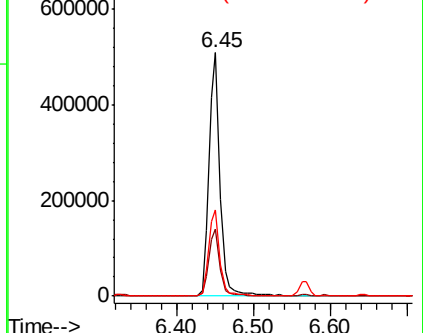
66 35.6 21.0 61.0

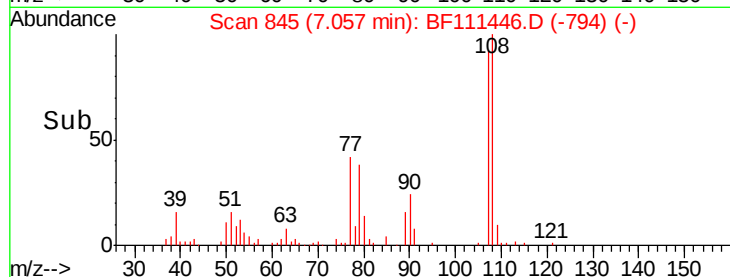
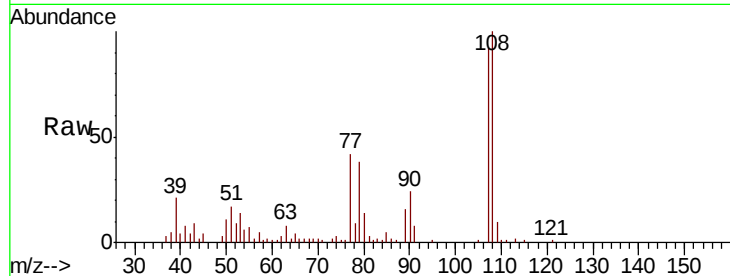
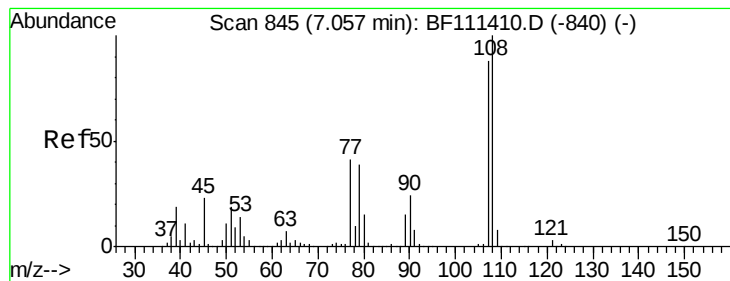


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#17

2-Methylphenol

Concen: 4.953 ng

RT: 7.06 min Scan# 845

Delta R.T. 0.00 min

Lab File: BF111446.D

Acq: 15 Dec 2018 4:21

Instrument :

BNA_G

ClientSampleId :

P001-SW004-02DL

Tgt Ion:107 Resp: 37382

Ion Ratio Lower Upper

107 100

108 108.4 91.0 136.4

77 45.4 33.5 50.3

79 41.1 33.3 49.9

Abundance

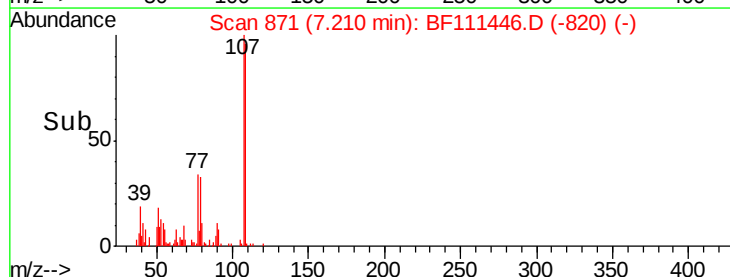
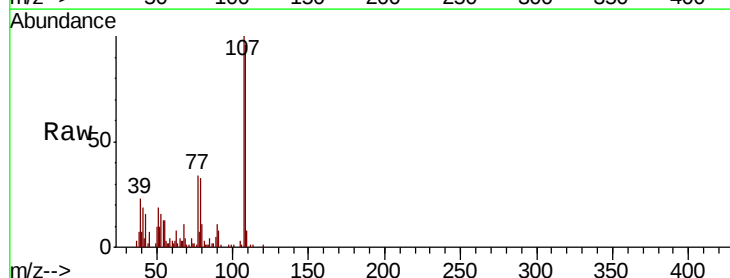
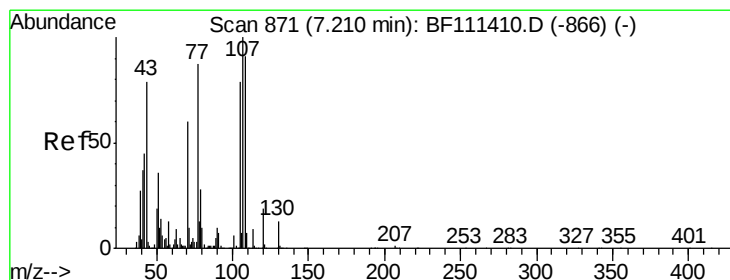
Ion 107.00 (106.70 to 107.70): E

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

Time-->



#20

3+4-Methylphenols

Concen: 5.538 ng

RT: 7.21 min Scan# 871

Delta R.T. 0.00 min

Lab File: BF111446.D

Acq: 15 Dec 2018 4:21

Tgt Ion:107 Resp: 52424

Ion Ratio Lower Upper

107 100

108 95.9 72.1 112.1

77 33.8 94.1 134.1#

79 33.1 9.8 49.8

Abundance

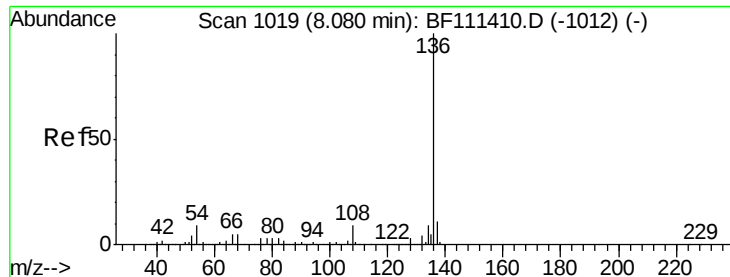
Ion 107.00 (106.70 to 107.70): E

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-->



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1018

Delta R.T. -0.01 min

Lab File: BF111446.D

Acq: 15 Dec 2018 4:21

Instrument :

BNA_G

ClientSampleId :

P001-SW004-02DL

Tgt Ion:136 Resp: 476883

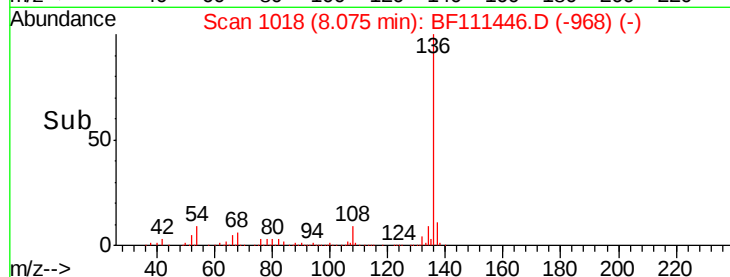
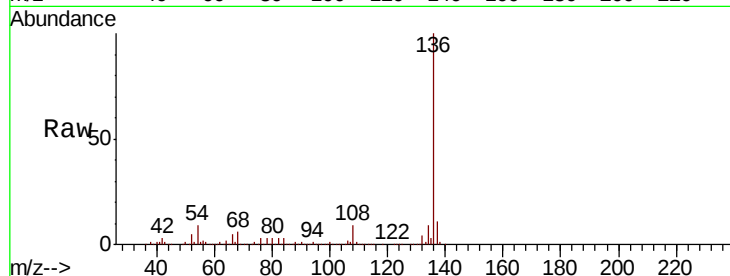
Ion Ratio Lower Upper

136 100

137 11.4 9.1 13.7

54 9.2 7.7 11.5

68 5.8 4.9 7.3

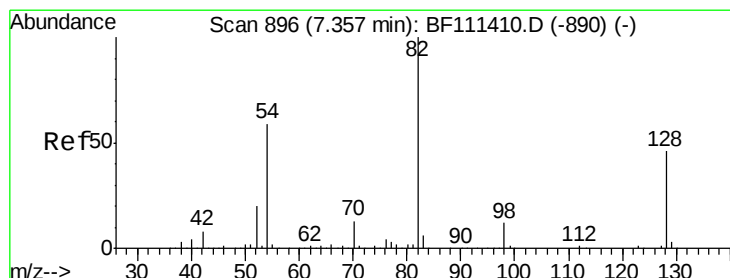
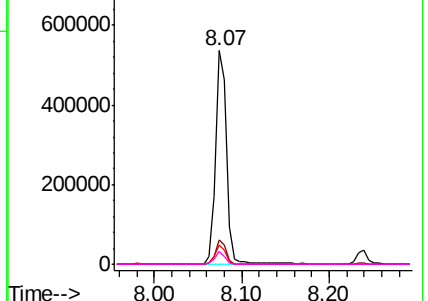


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 11.198 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111446.D

Acq: 15 Dec 2018 4:21

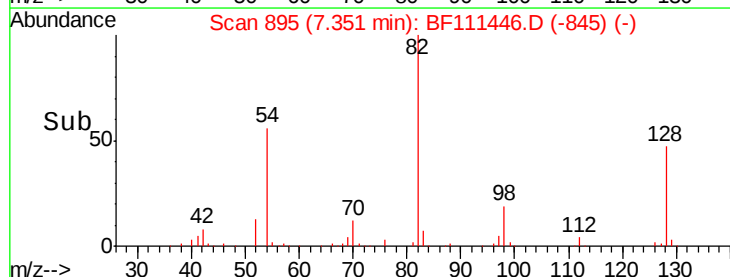
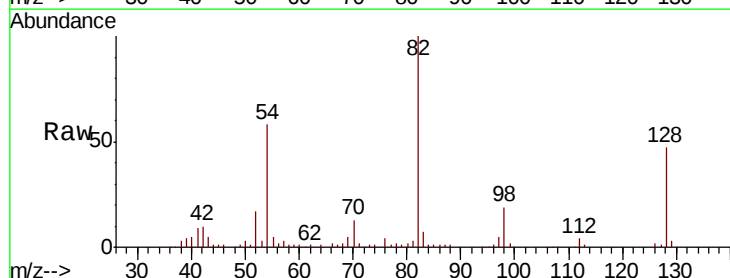
Tgt Ion: 82 Resp: 89677

Ion Ratio Lower Upper

82 100

128 47.2 37.4 56.2

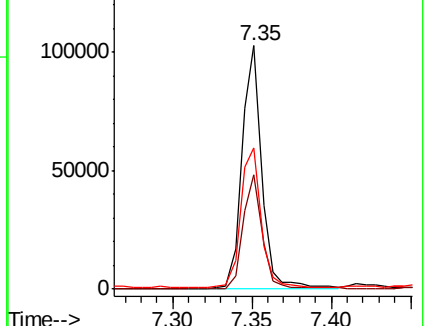
54 58.1 47.6 71.4

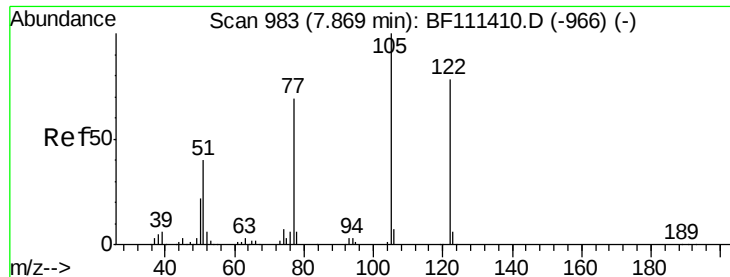


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

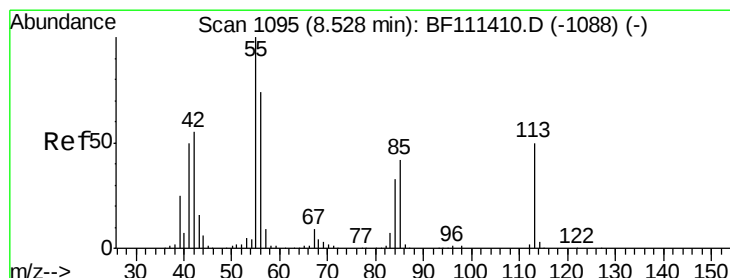
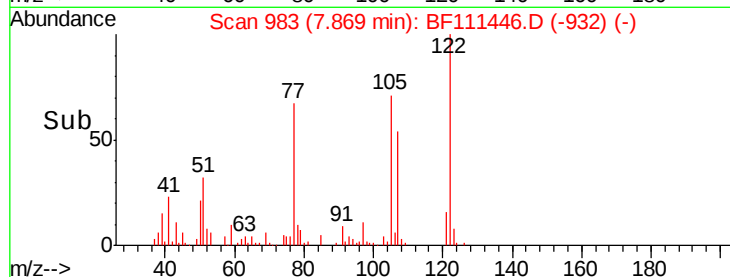
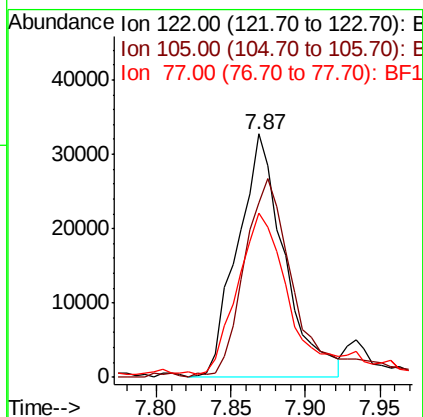
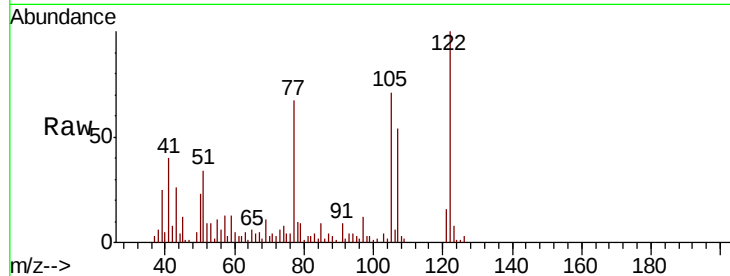




#32
Benzoic acid
Concen: 13.384 ng
RT: 7.87 min Scan# 983
Delta R.T. 0.00 min
Lab File: BF111446.D
Acq: 15 Dec 2018 4:21

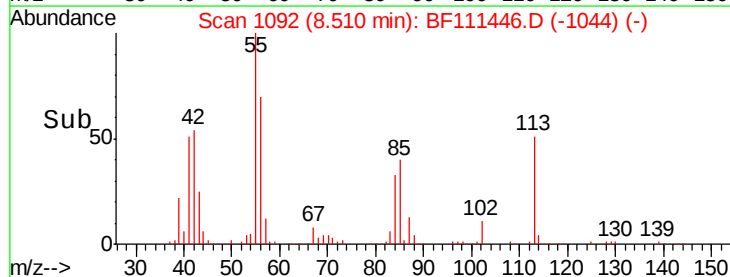
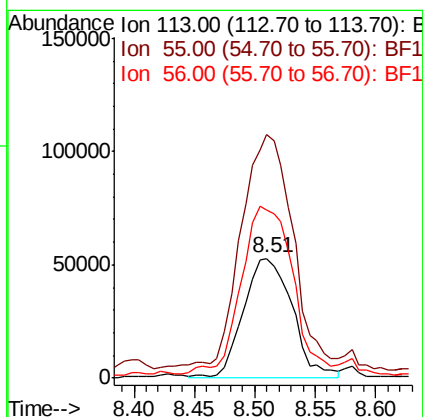
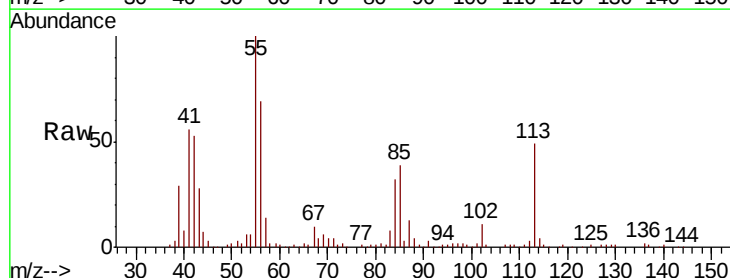
Instrument :
BNA_G
ClientSampleId :
P001-SW004-02DL

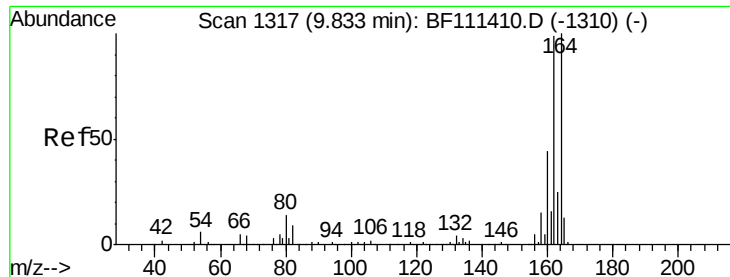
Tgt Ion:122 Resp: 71036
Ion Ratio Lower Upper
122 100
105 71.5 97.0 137.0#
77 67.3 65.7 105.7



#35
Caprolactam
Concen: 60.490 ng
RT: 8.51 min Scan# 1092
Delta R.T. -0.02 min
Lab File: BF111446.D
Acq: 15 Dec 2018 4:21

Tgt Ion:113 Resp: 147251
Ion Ratio Lower Upper
113 100
55 203.8 184.1 224.1
56 141.2 126.0 166.0

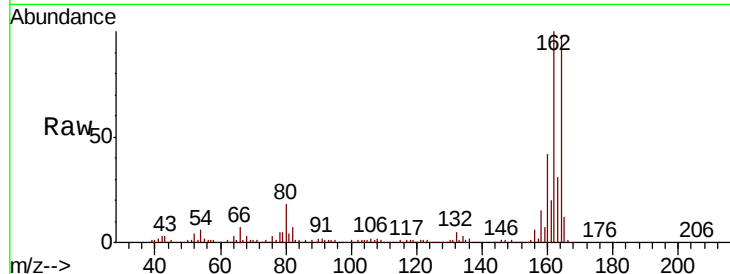




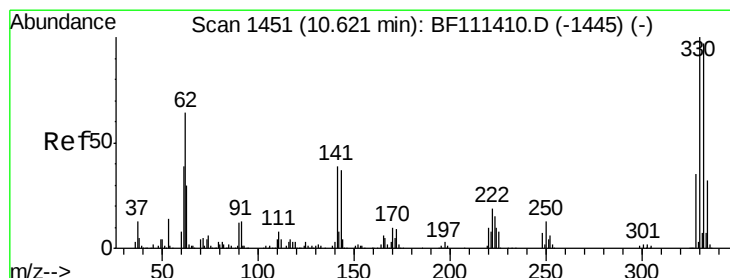
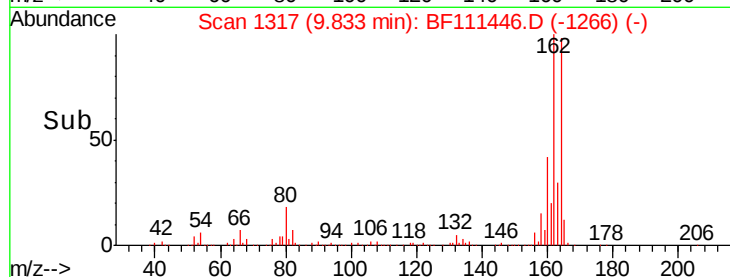
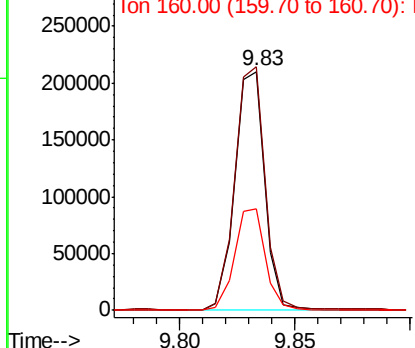
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.83 min Scan# 1317
 Delta R.T. 0.00 min
 Lab File: BF111446.D
 Acq: 15 Dec 2018 4:21

Instrument :
 BNA_G
 ClientSampleId :
 P001-SW004-02DL

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.9	81.4	122.0
160	42.5	35.7	53.5

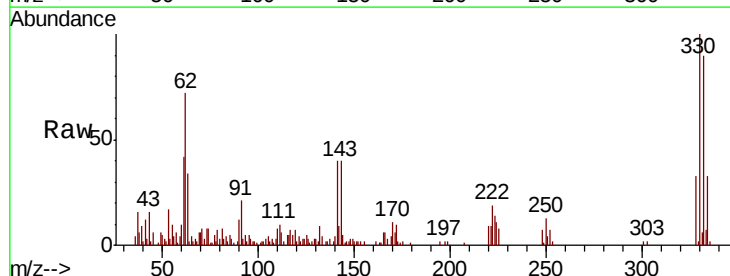


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

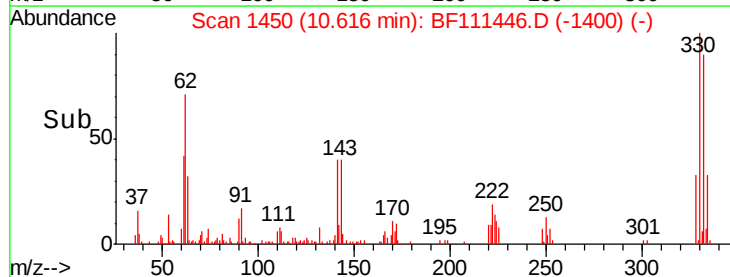
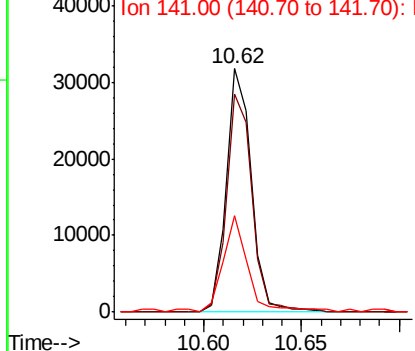


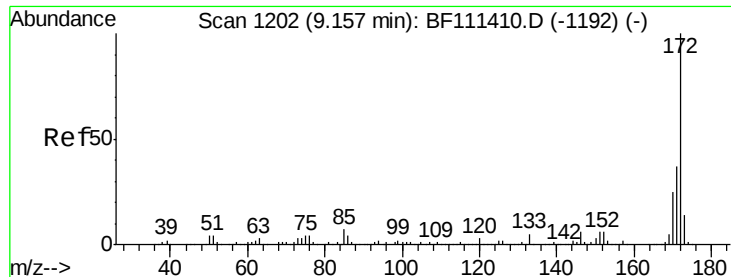
#42
 2,4,6-Tribromophenol
 Concen: 16.556 ng
 RT: 10.62 min Scan# 1450
 Delta R.T. -0.01 min
 Lab File: BF111446.D
 Acq: 15 Dec 2018 4:21

Tgt Ion	Ratio	Lower	Upper
330	100		
332	91.6	76.0	114.0
141	40.5	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

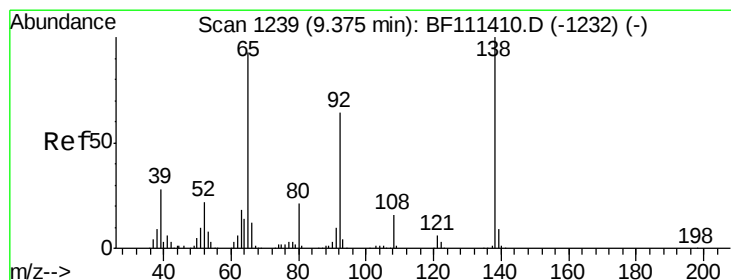
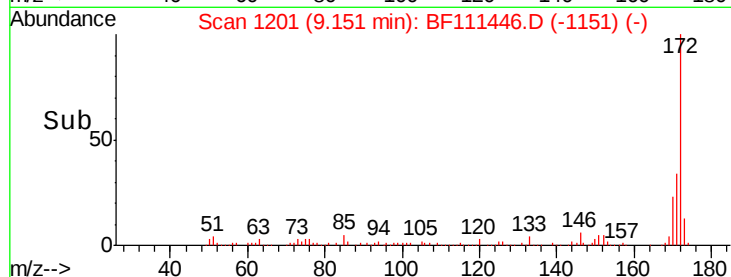
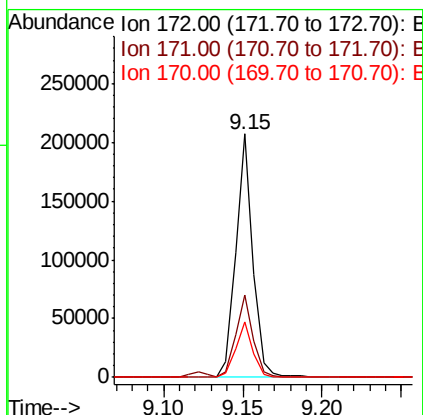
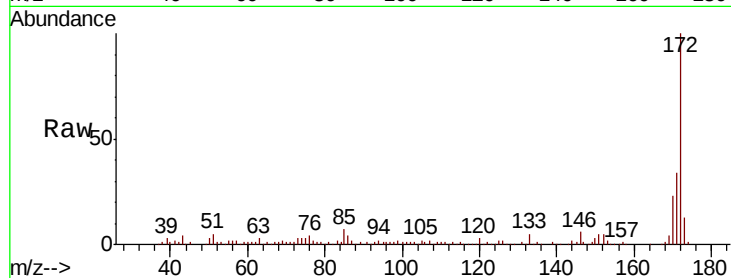




#45
 2-Fluorobiphenyl
 Concen: 12.456 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111446.D
 Acq: 15 Dec 2018 4:21

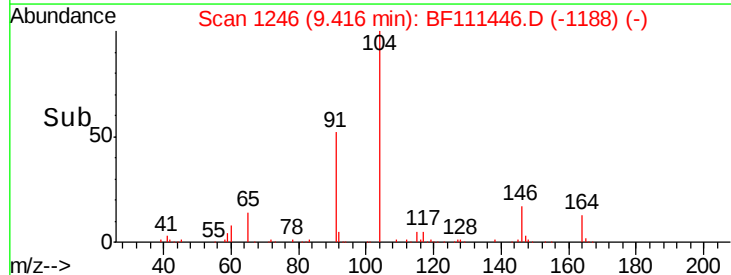
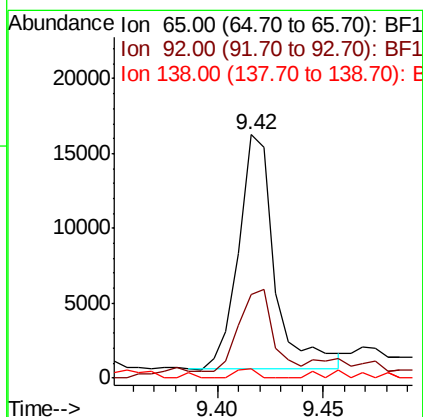
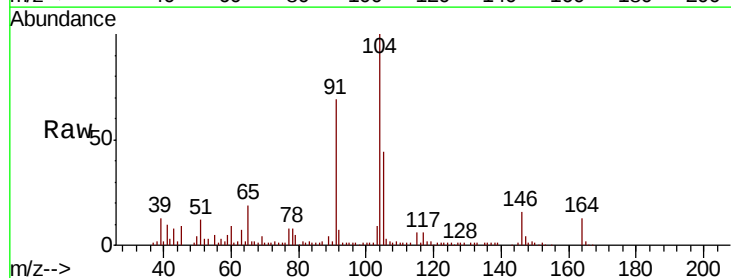
Instrument :
 BNA_G
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 P001-SW004-02DL

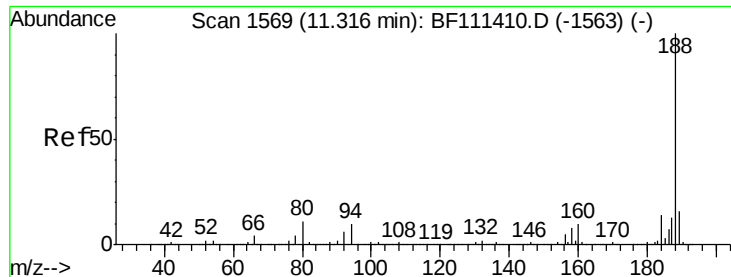
Tgt Ion: 172 Resp: 153962
 Ion Ratio Lower Upper
 172 100
 171 34.0 33.0 49.4
 170 22.9 22.3 33.5



#48
 2-Nitroaniline
 Concen: 4.677 ng
 RT: 9.42 min Scan# 1246
 Delta R.T. 0.04 min
 Lab File: BF111446.D
 Acq: 15 Dec 2018 4:21

Tgt Ion: 65 Resp: 18672
 Ion Ratio Lower Upper
 65 100
 92 34.1 53.5 80.3#
 138 3.8 80.9 121.3#

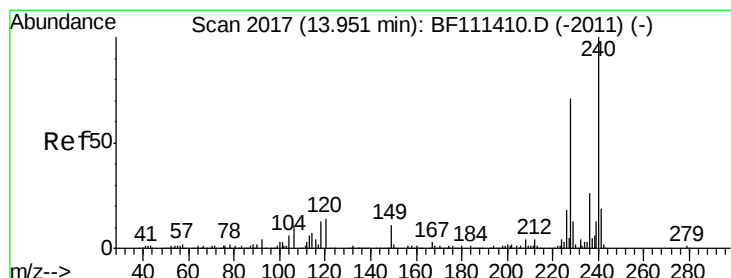
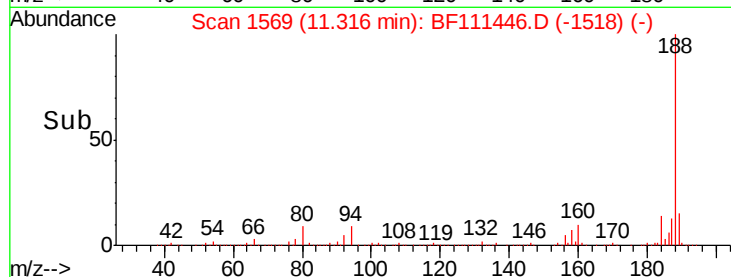
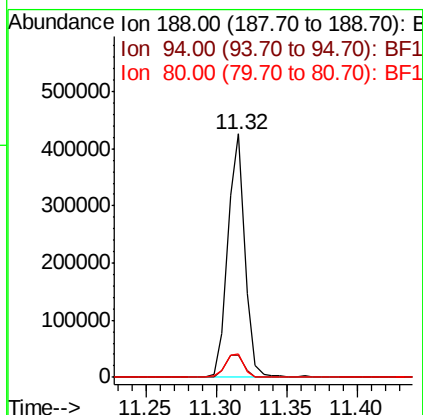
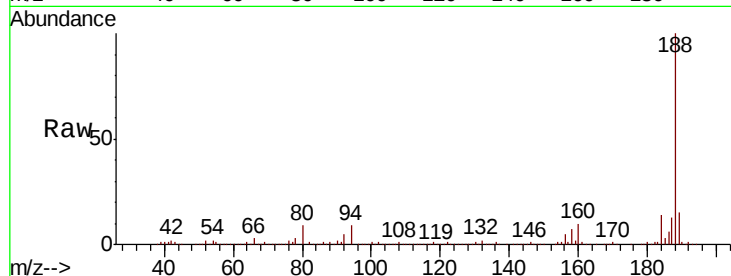




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111446.D
Acq: 15 Dec 2018 4:21

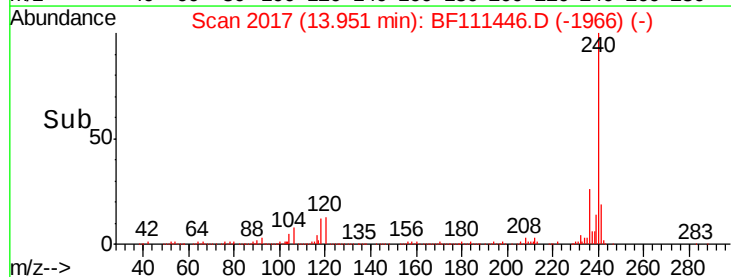
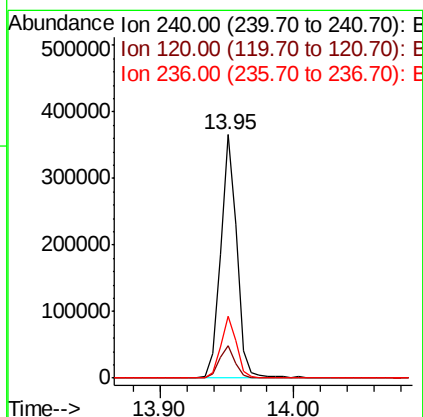
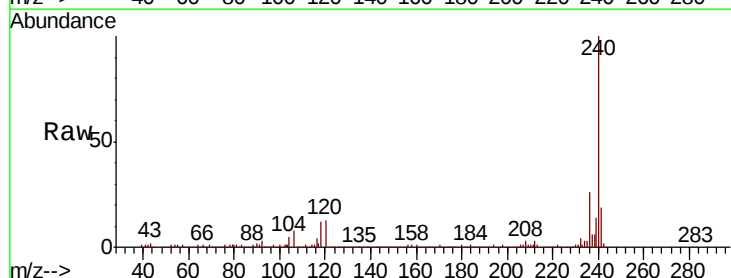
Instrument :
BNA_G
ClientSampleId :
P001-SW004-02DL

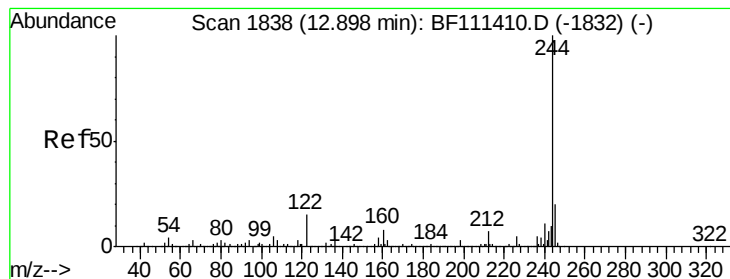
Tgt Ion:188 Resp: 358473
Ion Ratio Lower Upper
188 100
94 9.1 9.6 14.4#
80 9.5 9.8 14.6#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.95 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BF111446.D
Acq: 15 Dec 2018 4:21

Tgt Ion:240 Resp: 315457
Ion Ratio Lower Upper
240 100
120 13.2 12.2 18.2
236 25.5 20.2 30.2





#79

Terphenyl-d14

Concen: 10.740 ng

RT: 12.90 min Scan# 1838

Delta R.T. 0.00 min

Lab File: BF111446.D

Acq: 15 Dec 2018 4:21

Instrument :

BNA_G

ClientSampleId :

P001-SW004-02DL

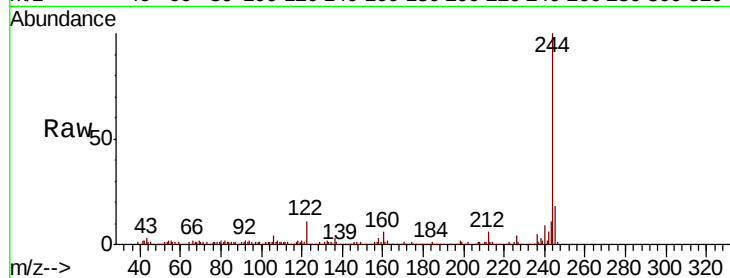
Tgt Ion:244 Resp: 144274

Ion Ratio Lower Upper

244 100

212 6.1 5.7 8.5

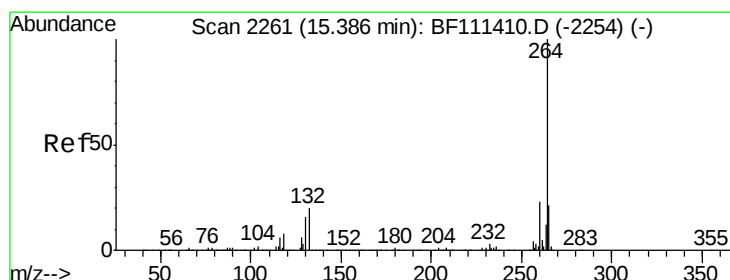
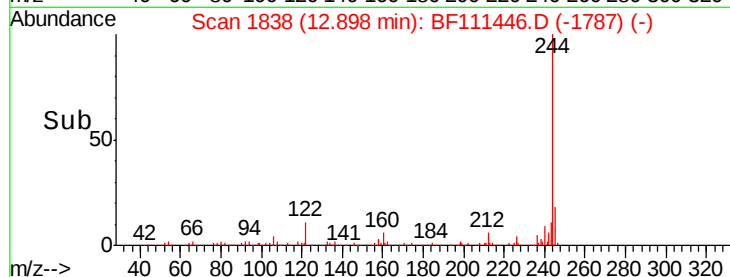
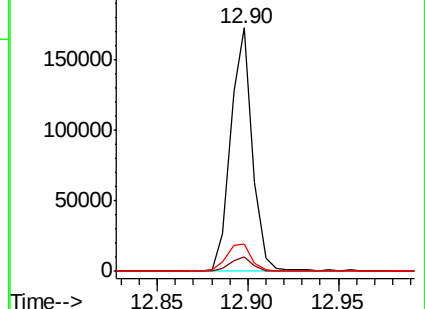
122 11.5 13.1 19.7#



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: 15.39 min Scan# 2262

Delta R.T. 0.01 min

Lab File: BF111446.D

Acq: 15 Dec 2018 4:21

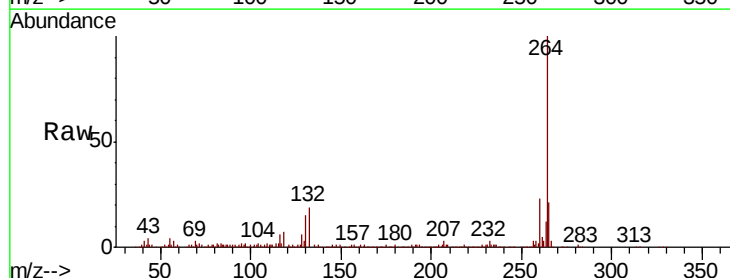
Tgt Ion:264 Resp: 197349

Ion Ratio Lower Upper

264 100

260 22.6 18.3 27.5

265 21.1 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

