

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
 Data File : BF111382.D
 Acq On : 13 Dec 2018 20:58
 Operator : JU/SJ
 Sample : J6305-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SW002-01

Quant Time: Dec 14 10:42:01 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 13:16:52 2018
 Response via : Initial Calibration

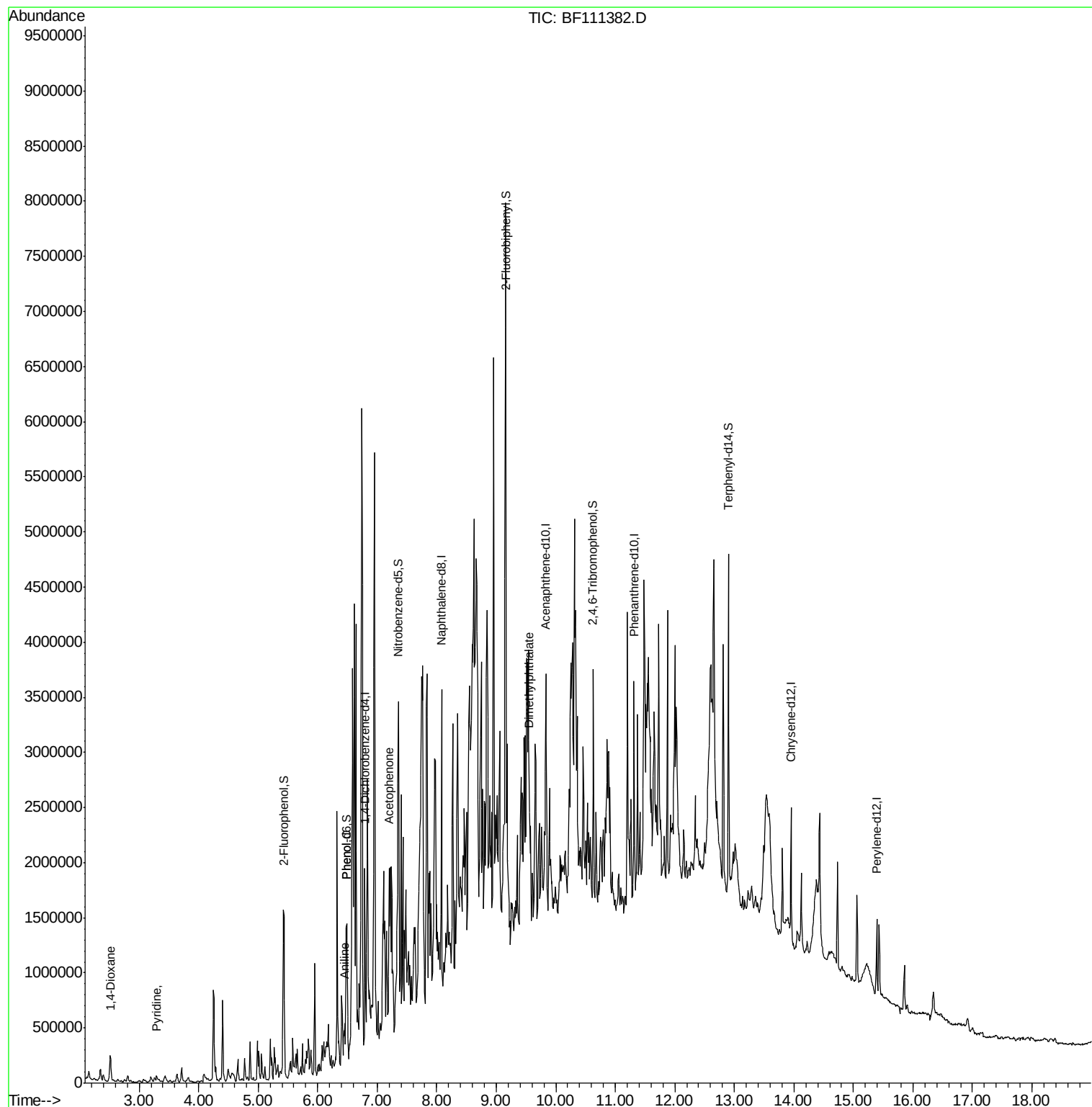
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	250160	20.00	ng	0.00
21) Naphthalene-d8	8.08	136	1039219	20.00	ng	0.00
39) Acenaphthene-d10	9.83	164	420886	20.00	ng	0.00
64) Phenanthrene-d10	11.32	188	556614	20.00	ng	0.00
76) Chrysene-d12	13.96	240	438213	20.00	ng	0.00
87) Perylene-d12	15.39	264	320939	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	666369	45.05	ng	0.02
7) Phenol-d6	6.48	99	477364	23.93	ng	0.05
23) Nitrobenzene-d5	7.36	82	981254	53.22	ng	0.00
42) 2,4,6-Tribromophenol	10.63	330	257828	69.49	ng	0.01
45) 2-Fluorobiphenyl	9.16	172	1642861	62.67	ng	0.00
79) Terphenyl-d14	12.90	244	968579	48.65	ng	0.00
Target Compounds						
2) 1,4-Dioxane	2.52	88	101088	13.680	ng	Qvalue # 87
3) Pyridine	3.29	79	37475	2.064	ng	94
6) Aniline	6.46	93	138190	5.727	ng	94
10) Phenol	6.49	94	220486	9.759	ng	94
22) Acetophenone	7.20	105	286102	11.852	ng	# 84
50) Dimethylphthalate	9.56	163	247964	8.193	ng	96

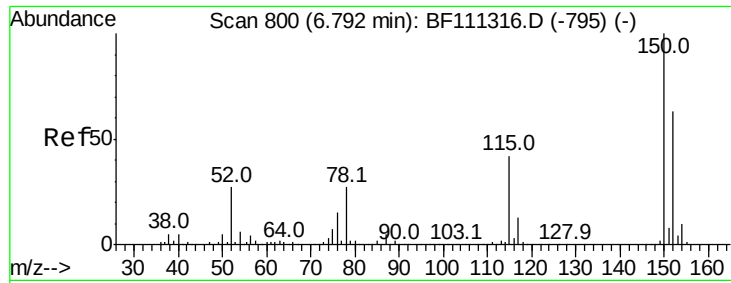
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121318\
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121218.M
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QLast Update : Wed Dec 12 13:16:52 2018
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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: BF111382.D

Acq: 13 Dec 2018 20:58

Instrument :

BNA_F

ClientSampleId :

P001-SW002-01

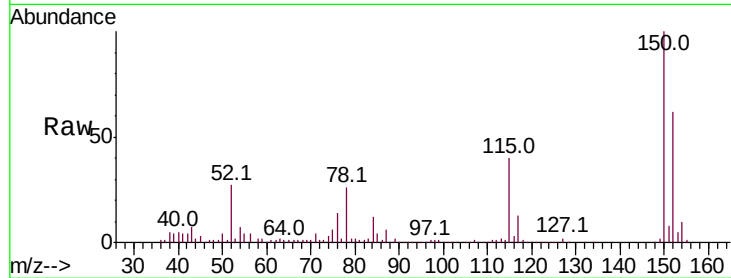
Tot Ion:152 Resp: 250160

Ion Ratio Lower Upper

152 100

150 160.8 126.6 189.8

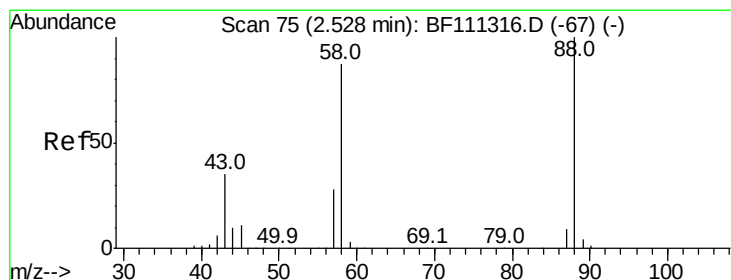
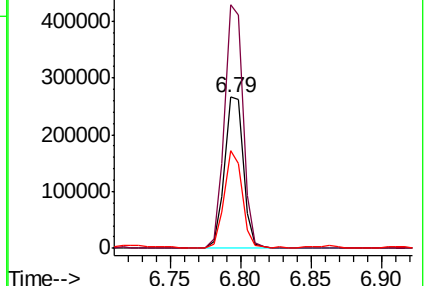
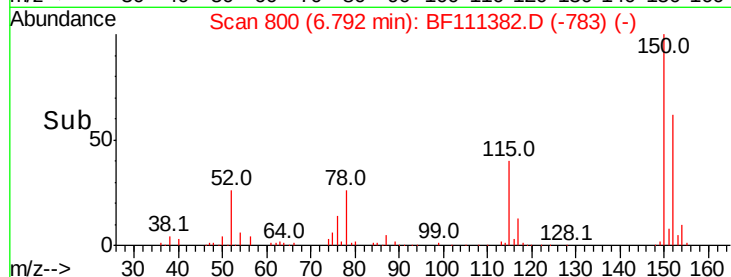
115 64.2 50.7 76.1



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



#2

1,4-Dioxane

Concen: 13.680 ng

RT: 2.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BF111382.D

Acq: 13 Dec 2018 20:58

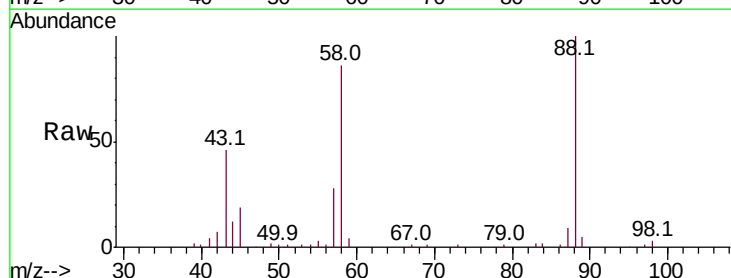
Tgt Ion: 88 Resp: 101088

Ion Ratio Lower Upper

88 100

58 87.0 68.9 103.3

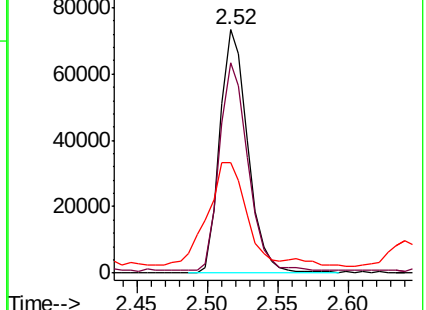
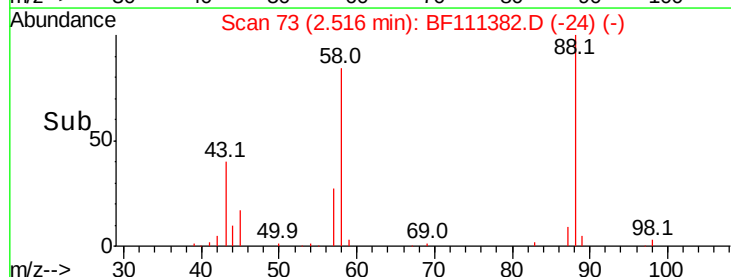
43 57.8 25.8 38.6#

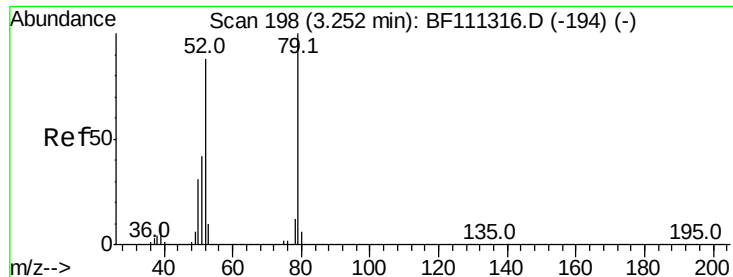


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 2.064 ng

RT: 3.29 min Scan# 205

Delta R.T. 0.04 min

Lab File: BF111382.D

Acq: 13 Dec 2018 20:58

Instrument :

BNA_F

ClientSampleId :

P001-SW002-01

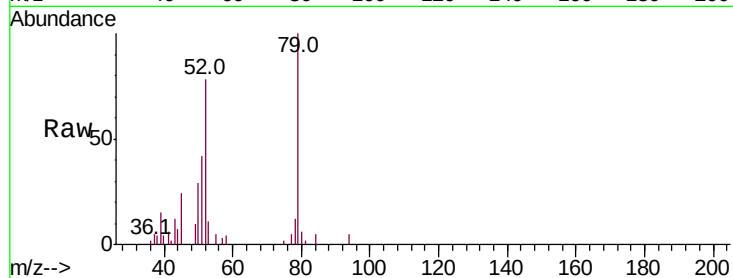
Tot Ion: 79 Resp: 37475

Ion Ratio Lower Upper

79 100

52 77.8 68.3 102.5

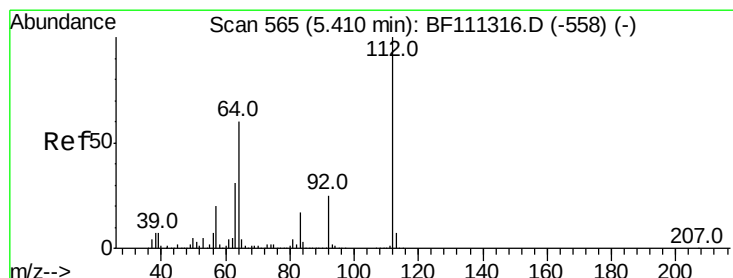
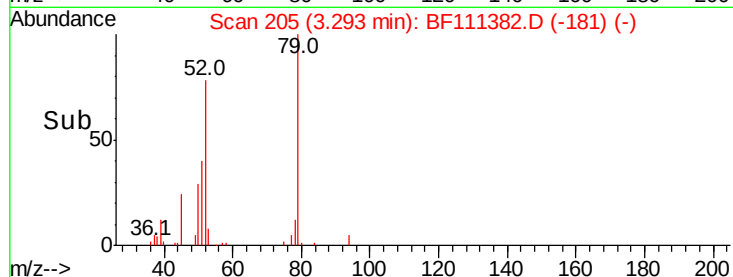
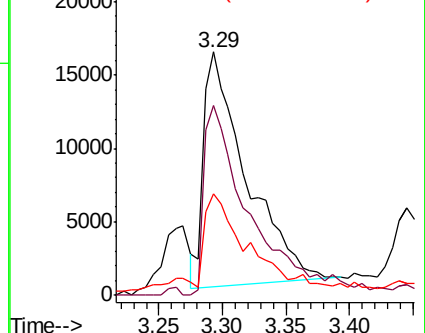
51 41.8 32.6 49.0



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



#5

2-Fluorophenol

Concen: 45.045 ng

RT: 5.43 min Scan# 568

Delta R.T. 0.02 min

Lab File: BF111382.D

Acq: 13 Dec 2018 20:58

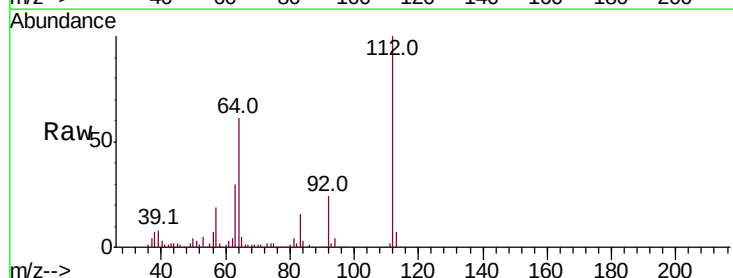
Tgt Ion: 112 Resp: 666369

Ion Ratio Lower Upper

112 100

64 60.8 51.8 77.6

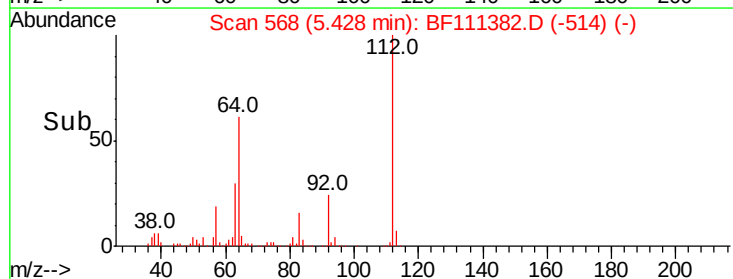
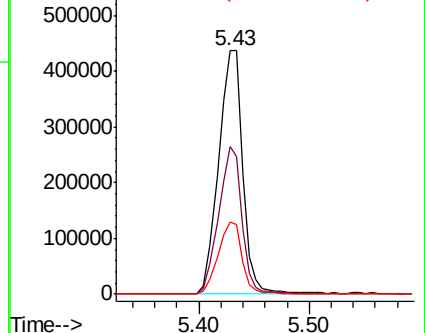
63 29.8 26.8 40.2

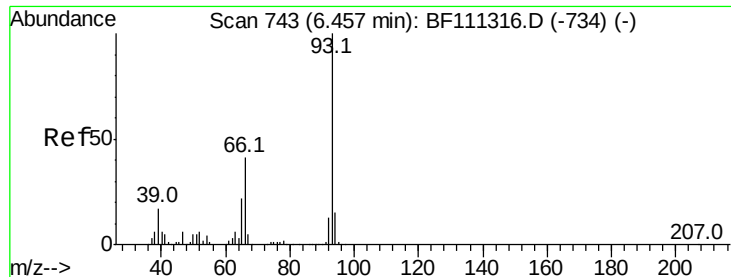


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#6

Aniline

Concen: 5.727 ng

RT: 6.46 min Scan# 743

Delta R.T. 0.00 min

Lab File: BF111382.D

Acq: 13 Dec 2018 20:58

Instrument :

BNA_F

ClientSampleId :

P001-SW002-01

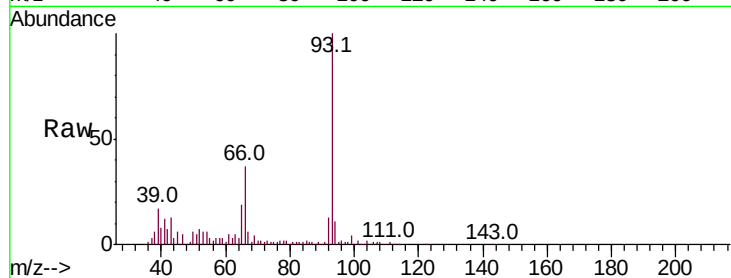
Tot Ion: 93 Resp: 138190

Ion Ratio Lower Upper

93 100

66 37.0 33.2 49.8

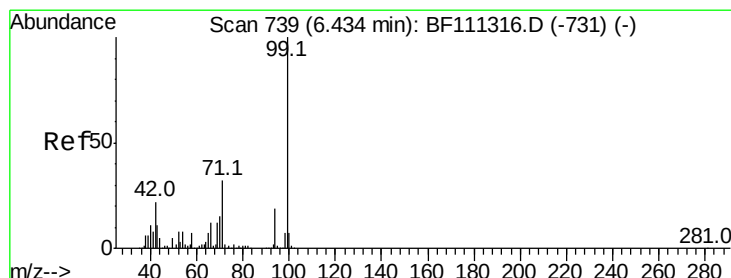
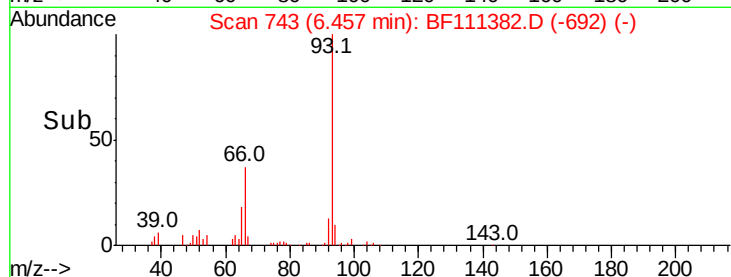
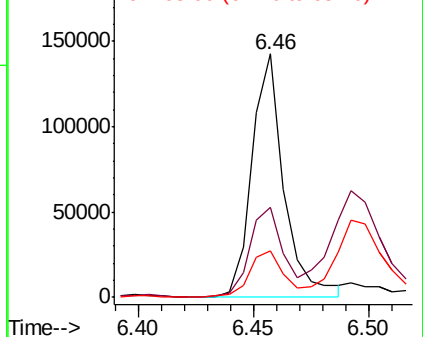
65 19.2 17.0 25.4



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: 23.934 ng

RT: 6.48 min Scan# 747

Delta R.T. 0.05 min

Lab File: BF111382.D

Acq: 13 Dec 2018 20:58

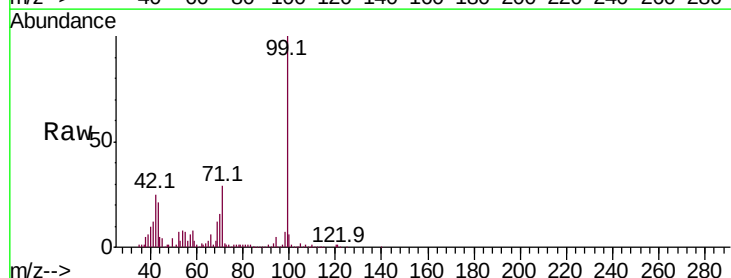
Tgt Ion: 99 Resp: 477364

Ion Ratio Lower Upper

99 100

42 24.6 17.4 26.0

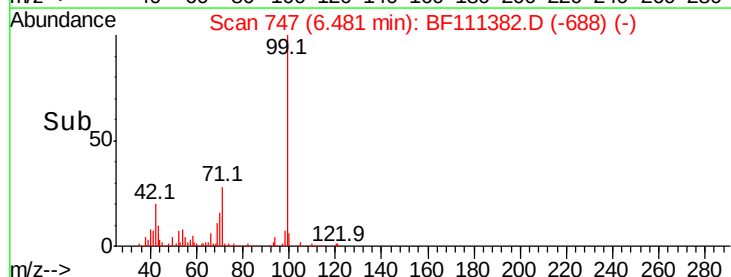
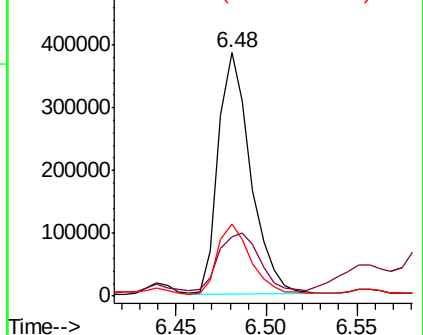
71 29.4 26.1 39.1

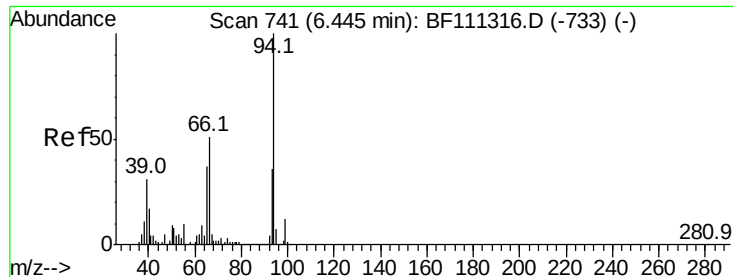


Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1





#10

Phenol

Concen: 9.759 ng

RT: 6.49 min Scan# 749

Delta R.T. 0.05 min

Lab File: BF111382.D

Acq: 13 Dec 2018 20:58

Instrument :

BNA_F

ClientSampleId :

P001-SW002-01

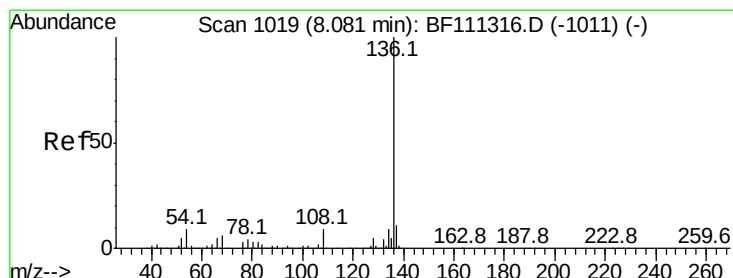
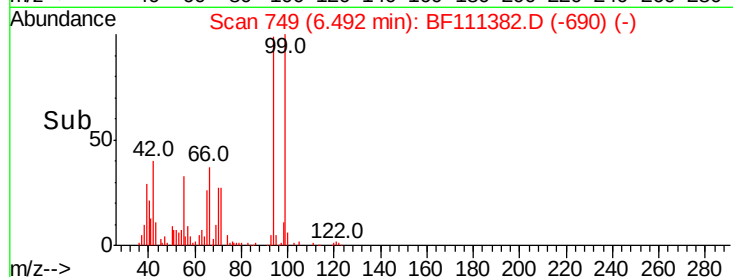
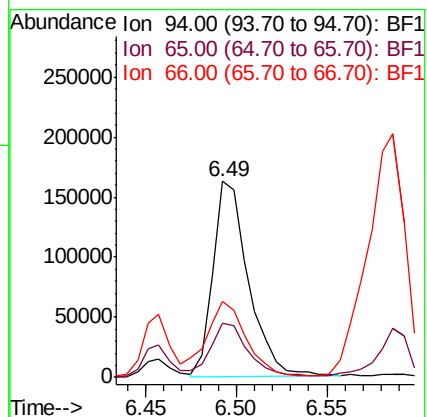
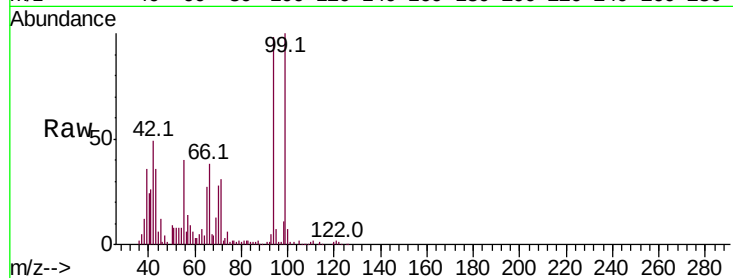
Tot Ion: 94 Resp: 220486

Ion Ratio Lower Upper

94 100

65 27.5 11.7 51.7

66 38.5 21.0 61.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.08 min Scan# 1019

Delta R.T. 0.00 min

Lab File: BF111382.D

Acq: 13 Dec 2018 20:58

Tgt Ion:136 Resp: 1039219

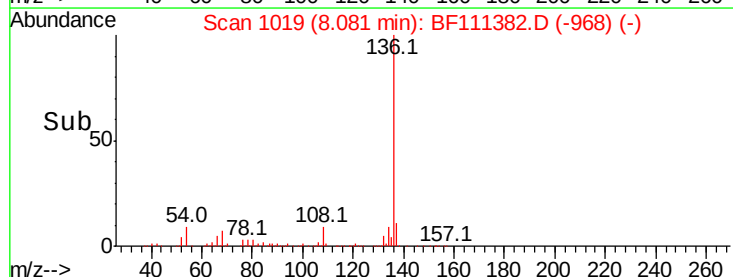
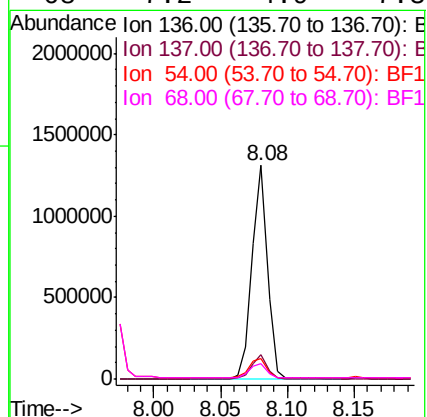
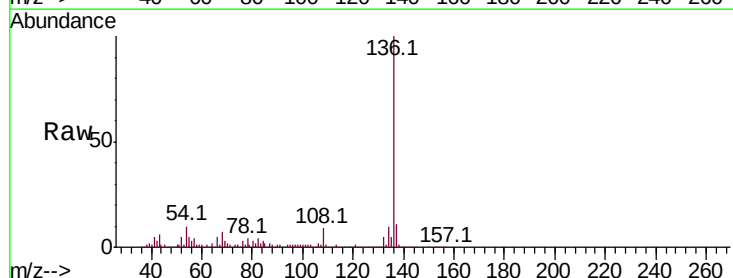
Ion Ratio Lower Upper

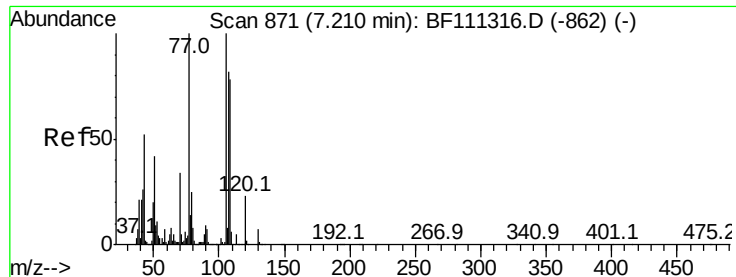
136 100

137 11.4 9.1 13.7

54 9.8 7.7 11.5

68 7.2 4.9 7.3





#22

Acetophenone

Concen: 11.852 ng

RT: 7.20 min Scan# 870

Delta R.T. -0.01 min

Lab File: BF111382.D

Acq: 13 Dec 2018 20:58

Instrument :

BNA_F

ClientSampleId :

P001-SW002-01

Tot Ion:105 Resp: 286102

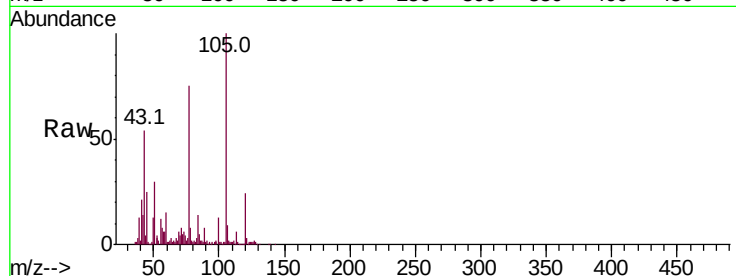
Ion Ratio Lower Upper

105 100

71 7.9 3.1 4.7#

51 30.2 36.6 54.8#

120 23.8 18.2 27.4



Abundance Ion 105.00 (104.70 to 105.70): E

500000 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

400000

300000

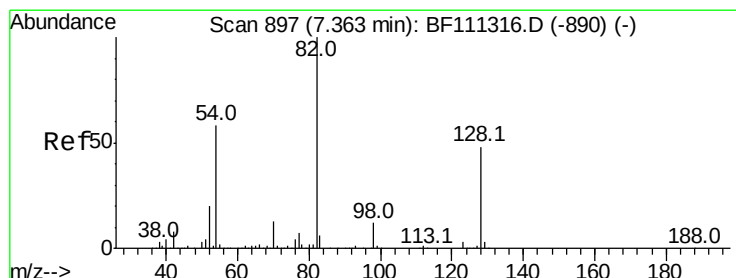
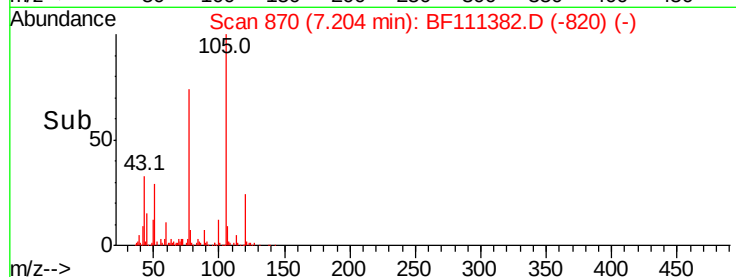
200000

100000

0

7.15 7.20 7.25 7.30

Time-->



#23

Nitrobenzene-d5

Concen: 53.219 ng

RT: 7.36 min Scan# 896

Delta R.T. -0.01 min

Lab File: BF111382.D

Acq: 13 Dec 2018 20:58

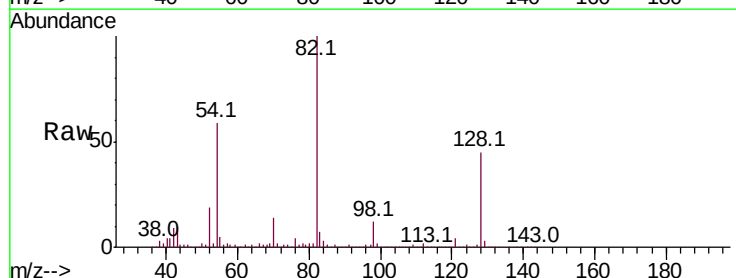
Tgt Ion: 82 Resp: 981254

Ion Ratio Lower Upper

82 100

128 45.4 37.4 56.2

54 58.6 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

1200000

1000000

800000

600000

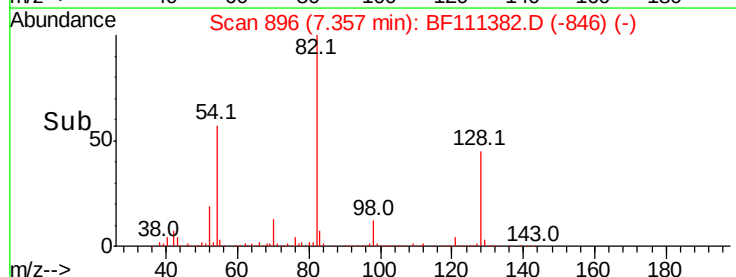
400000

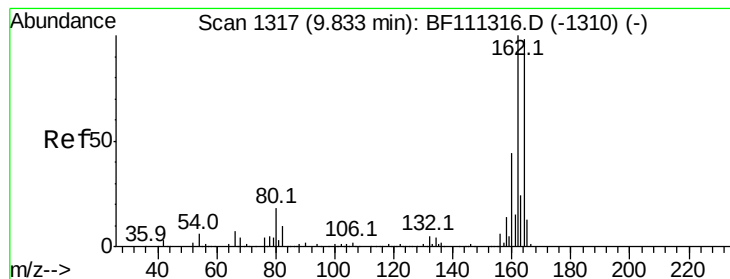
200000

0

7.30 7.35 7.40

Time-->





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.83 min Scan# 1317

Delta R.T. 0.00 min

Lab File: BF111382.D

Acq: 13 Dec 2018 20:58

Instrument :

BNA_F

ClientSampleId :

P001-SW002-01

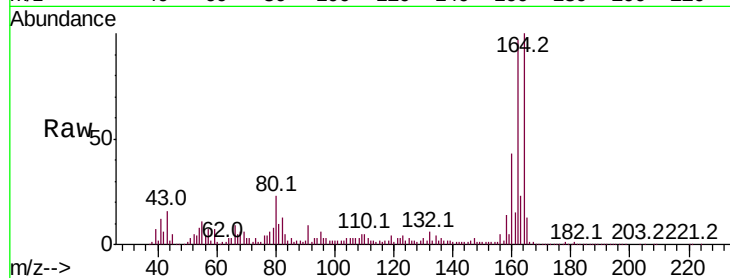
Tot Ion:164 Resp: 420886

Ion Ratio Lower Upper

164 100

162 96.9 81.4 122.0

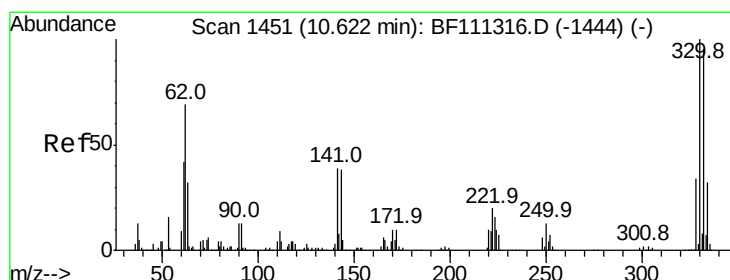
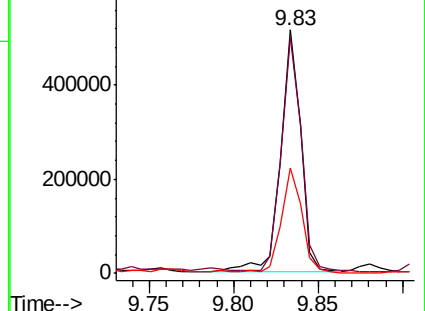
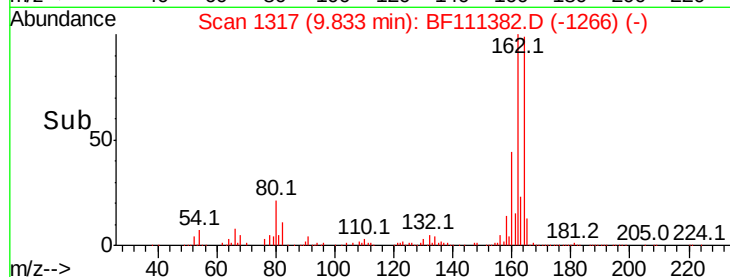
160 43.4 35.7 53.5



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: 69.492 ng

RT: 10.63 min Scan# 1453

Delta R.T. 0.01 min

Lab File: BF111382.D

Acq: 13 Dec 2018 20:58

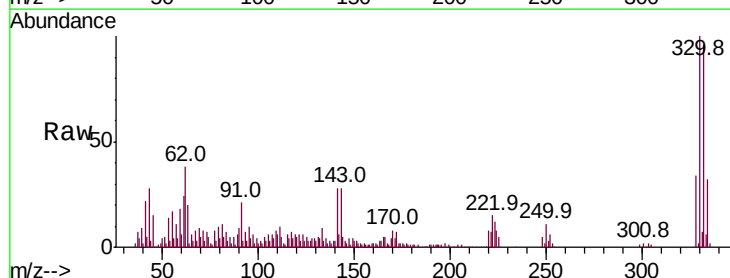
Tgt Ion:330 Resp: 257828

Ion Ratio Lower Upper

330 100

332 97.6 76.0 114.0

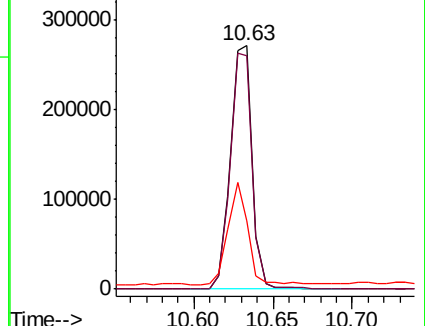
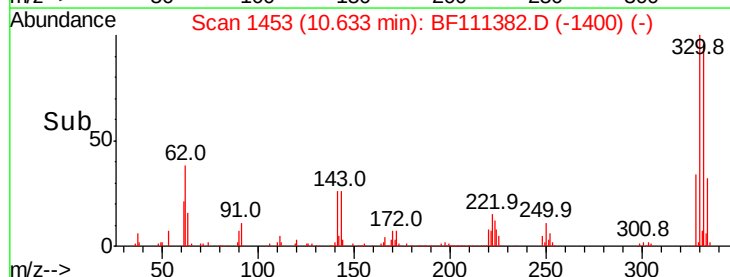
141 38.8 31.0 46.6

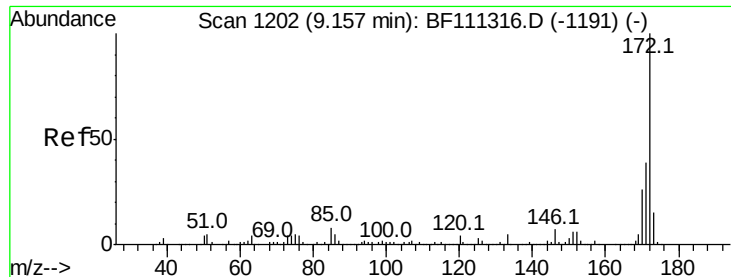


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

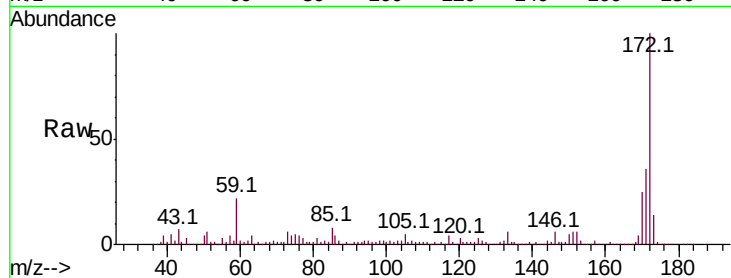




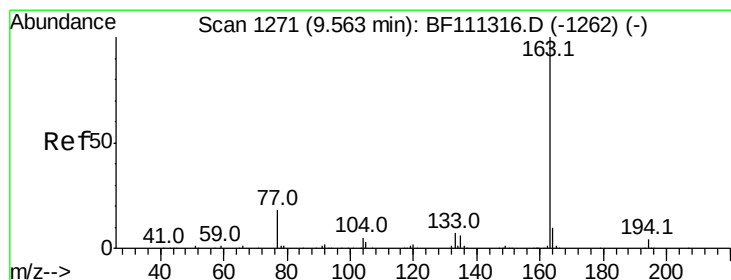
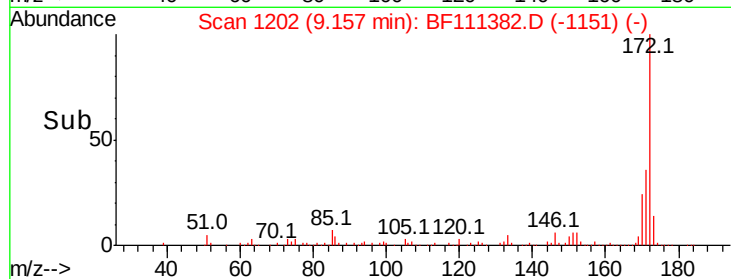
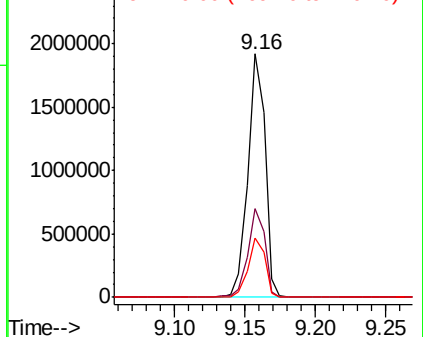
#45
2-Fluorobiphenyl
Concen: 62.668 ng
RT: 9.16 min Scan# 1202
Delta R.T. 0.00 min
Lab File: BF111382.D
Acq: 13 Dec 2018 20:58

Instrument :
BNA_F
ClientSampleId :
P001-SW002-01

Tot Ion:172 Resp: 1642861
Ion Ratio Lower Upper
172 100
171 36.5 33.0 49.4
170 24.5 22.3 33.5

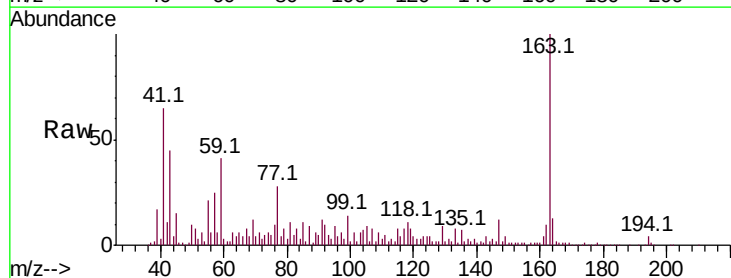


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

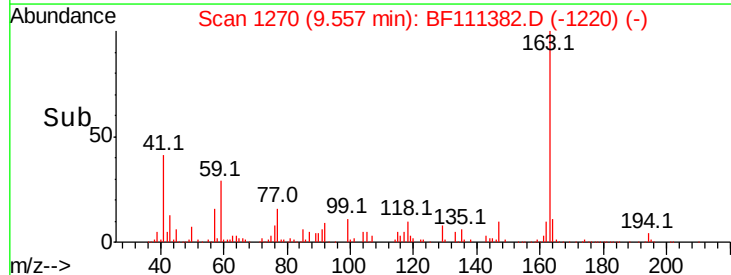
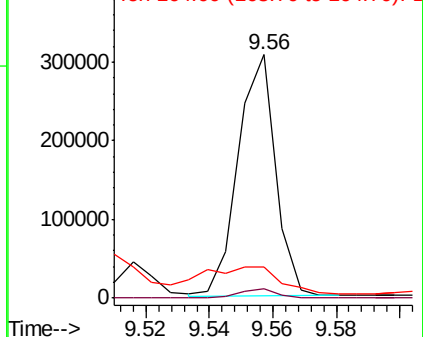


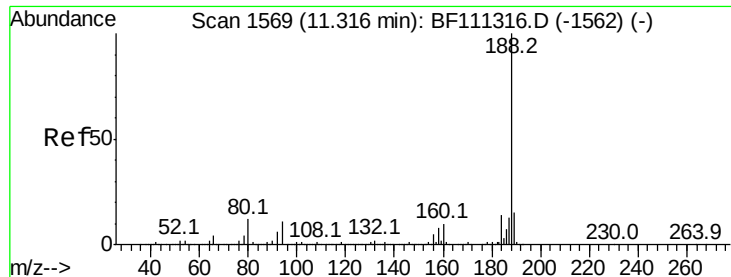
#50
Dimethylphthalate
Concen: 8.193 ng
RT: 9.56 min Scan# 1270
Delta R.T. -0.01 min
Lab File: BF111382.D
Acq: 13 Dec 2018 20:58

Tgt Ion:163 Resp: 247964
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.6
164 12.9 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

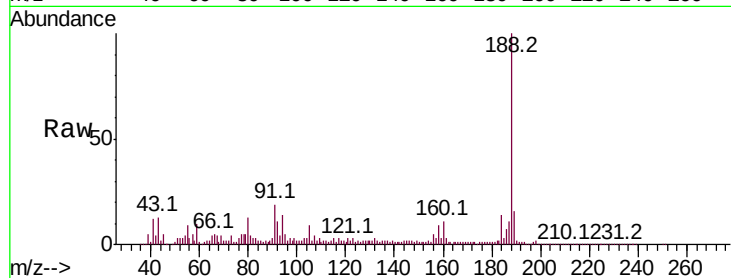




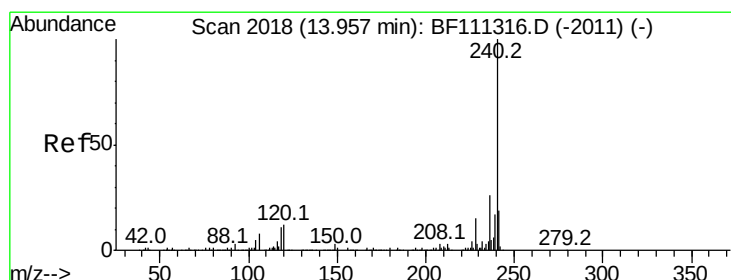
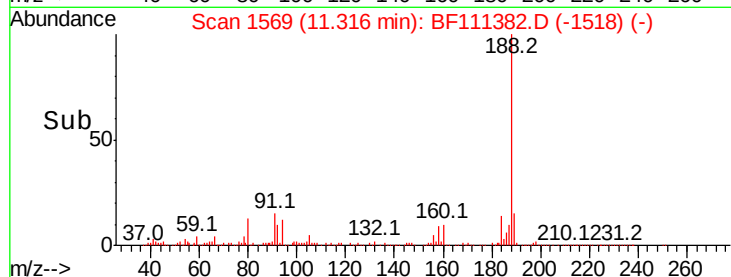
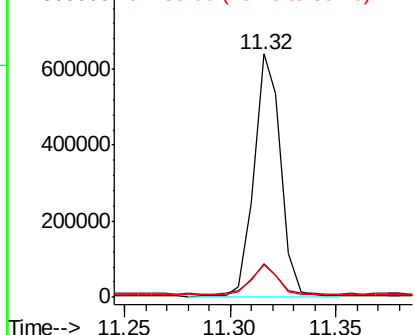
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1569
Delta R.T. 0.00 min
Lab File: BF111382.D
Acq: 13 Dec 2018 20:58

Instrument :
BNA_F
ClientSampleId :
P001-SW002-01

Tot Ion:188 Resp: 556614
Ion Ratio Lower Upper
188 100
94 13.8 9.6 14.4
80 13.5 9.8 14.6

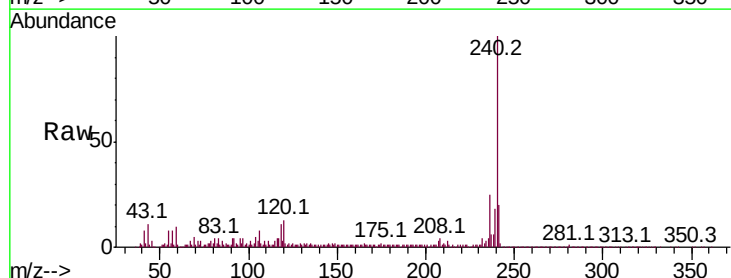


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

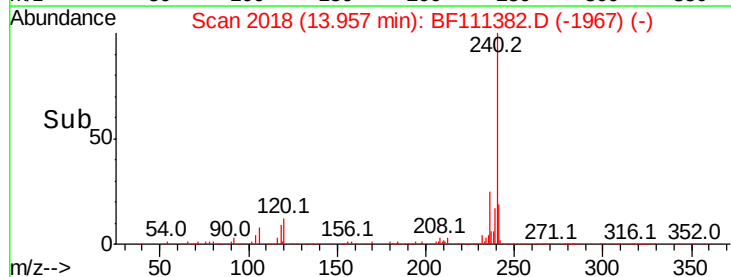
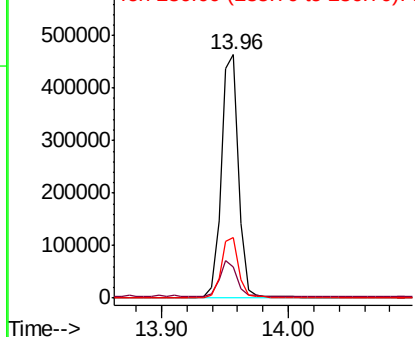


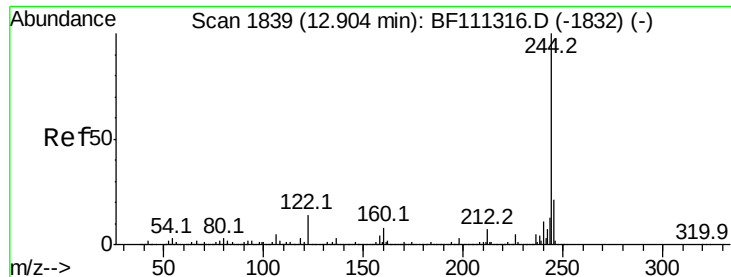
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.00 min
Lab File: BF111382.D
Acq: 13 Dec 2018 20:58

Tgt Ion:240 Resp: 438213
Ion Ratio Lower Upper
240 100
120 12.8 12.2 18.2
236 25.0 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: 48.647 ng

RT: 12.90 min Scan# 1839

Delta R.T. 0.00 min

Lab File: BF111382.D

Acq: 13 Dec 2018 20:58

Instrument :

BNA_F

ClientSampleId :

P001-SW002-01

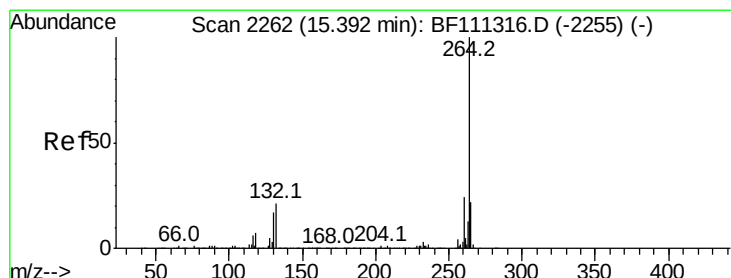
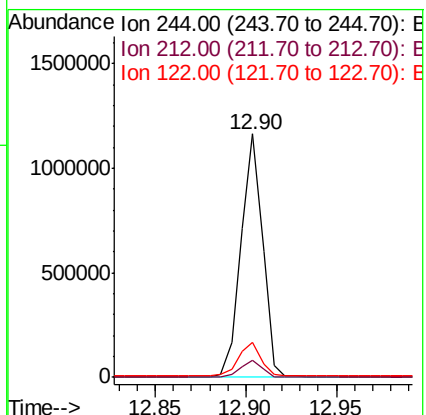
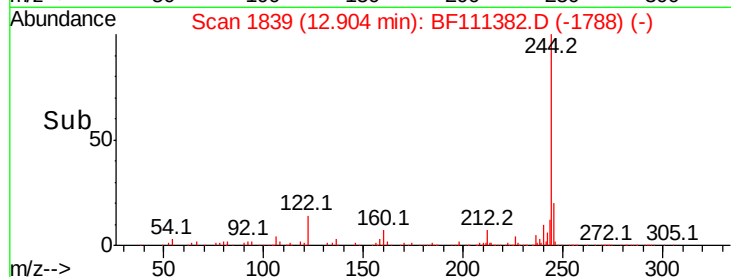
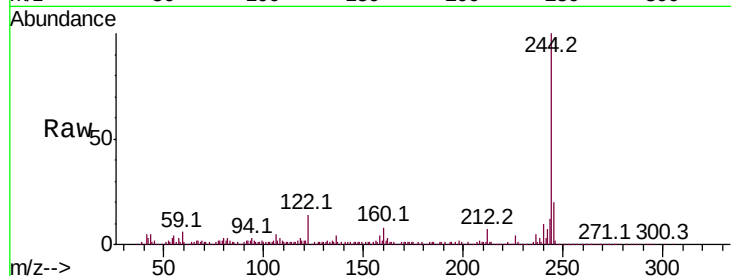
Tot Ion:244 Resp: 968579

Ion Ratio Lower Upper

244 100

212 6.9 5.7 8.5

122 14.3 13.1 19.7



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.39 min Scan# 2262

Delta R.T. 0.00 min

Lab File: BF111382.D

Acq: 13 Dec 2018 20:58

Tgt Ion:264 Resp: 320939

Ion Ratio Lower Upper

264 100

260 22.0 18.3 27.5

265 21.6 17.7 26.5

