

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
 Data File : BF111687.D
 Acq On : 21 Dec 2018 15:09
 Operator : JU/SJ
 Sample : J6447-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-1218-01

Quant Time: Dec 21 22:33:35 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

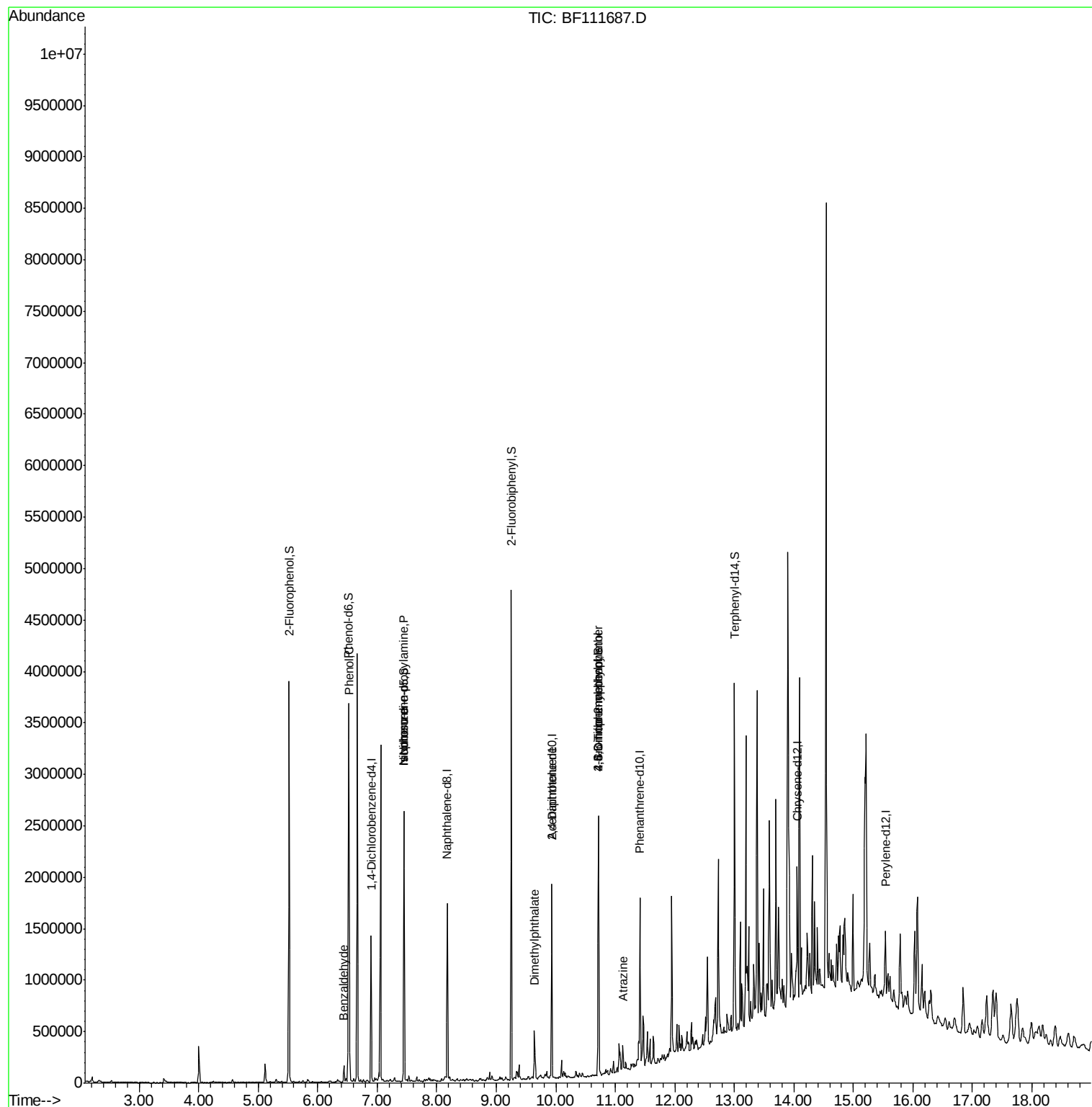
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	198753	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	743169	20.00	ng	0.00
39) Acenaphthene-d10	9.93	164	334853	20.00	ng	0.00
64) Phenanthrene-d10	11.42	188	517387	20.00	ng	0.00
76) Chrysene-d12	14.06	240	434056	20.00	ng	0.00
87) Perylene-d12	15.54	264	309995	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1007659	86.42	ng	0.00
7) Phenol-d6	6.52	99	1295076	87.27	ng	0.00
23) Nitrobenzene-d5	7.45	82	814748	63.81	ng	0.00
42) 2,4,6-Tribromophenol	10.72	330	298915	75.55	ng	0.00
45) 2-Fluorobiphenyl	9.25	172	1409721	61.36	ng	0.00
79) Terphenyl-d14	13.00	244	1106793	48.36	ng	0.00
Target Compounds						
9) Benzaldehyde	6.44	77	27369	2.682	ng	98
10) Phenol	6.53	94	104311	6.230	ng	97
19) n-Nitroso-di-n-propylamine	7.45	70	112770	11.443	ng	# 77
25) Isophorone	7.45	82	814740	35.945	ng	# 64
50) Dimethylphthalate	9.64	163	163622	6.682	ng	99
57) 2,4-Dinitrotoluene	9.93	165	43543	7.420	ng	# 25
65) 4,6-Dinitro-2-methylphenol	10.72	198	554	6.916	ng	# 1
67) 4-Bromophenyl-phenylether	10.72	248	19347	3.015	ng	# 1
69) Atrazine	11.13	200	24006	3.979	ng	# 39

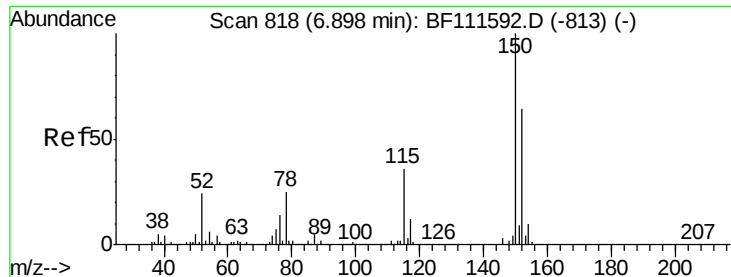
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF122118\
Data File : BF111687.D
Acq On : 21 Dec 2018 15:09
Operator : JU/SJ
Sample : J6447-04
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

Quant Time: Dec 21 22:33:35 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



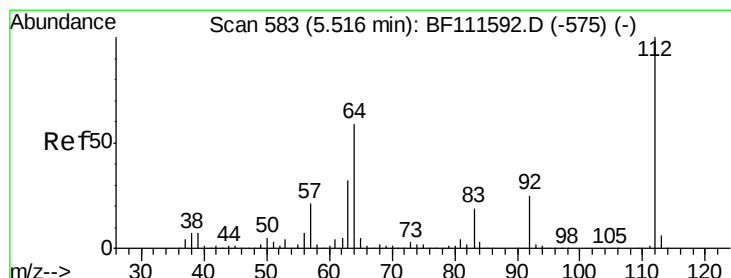
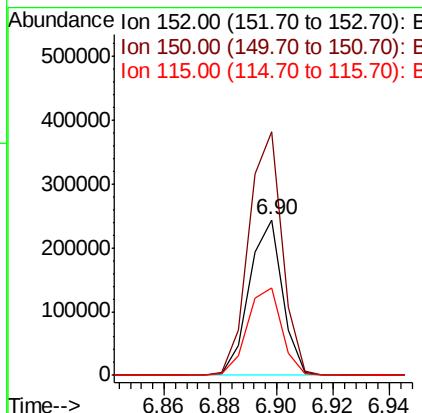
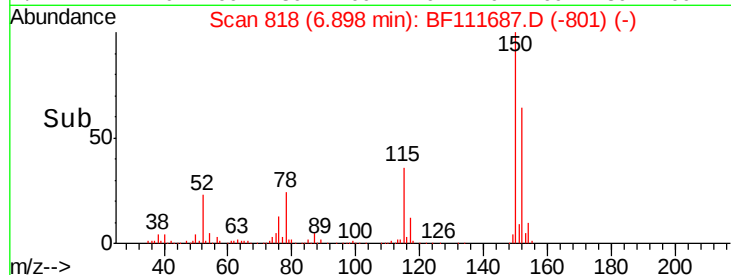
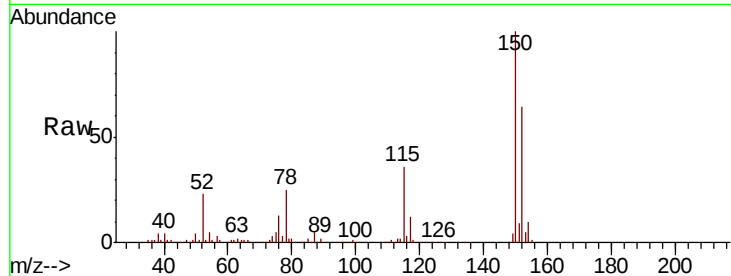


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.90 min Scan# 818
Delta R.T. -0.00 min
Lab File: BF111687.D
Acq: 21 Dec 2018 15:09

Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

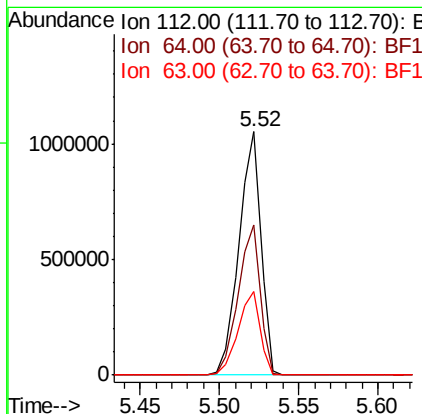
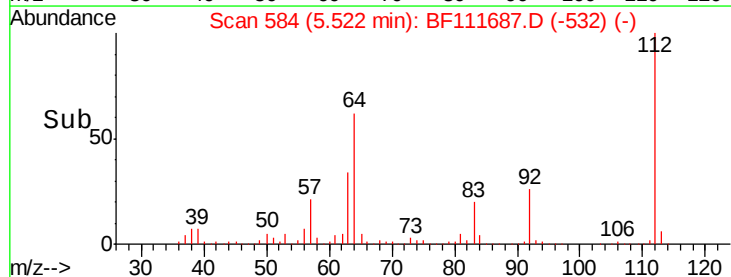
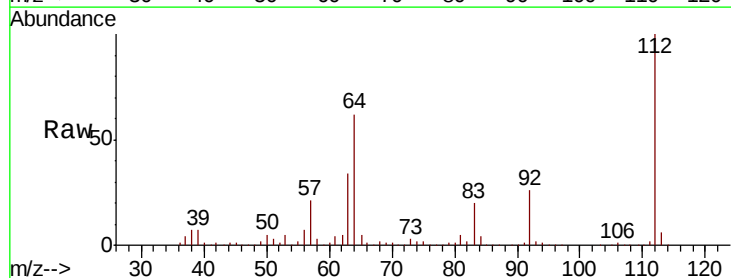
Tgt Ion:152 Resp: 198753
Ion Ratio Lower Upper
152 100
150 156.6 126.6 189.8
115 56.1 50.7 76.1

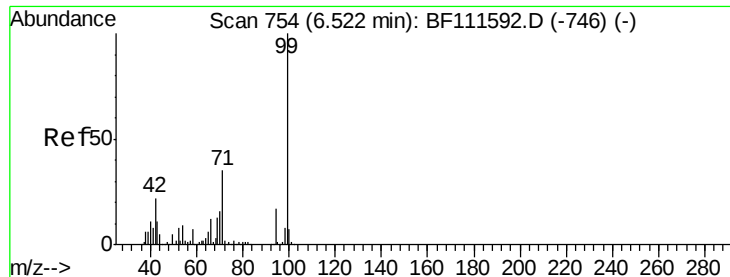


#5

2-Fluorophenol
Concen: 86.418 ng
RT: 5.52 min Scan# 584
Delta R.T. 0.01 min
Lab File: BF111687.D
Acq: 21 Dec 2018 15:09

Tgt Ion:112 Resp: 1007659
Ion Ratio Lower Upper
112 100
64 61.8 51.8 77.6
63 34.4 26.8 40.2





#7

Phenol-d6

Concen: 87.273 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF111687.D

Acq: 21 Dec 2018 15:09

Instrument :

BNA_F

ClientSampleId :

P001-SS024-1218-01

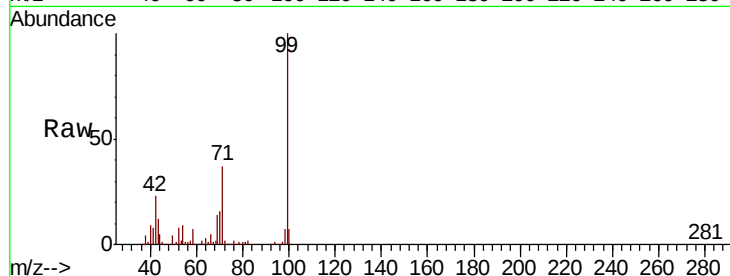
Tgt Ion: 99 Resp: 1295076

Ion Ratio Lower Upper

99 100

42 23.3 17.4 26.0

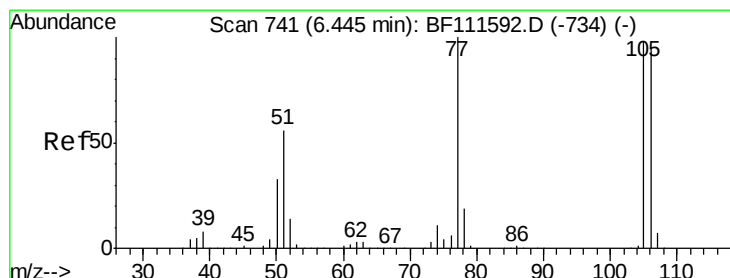
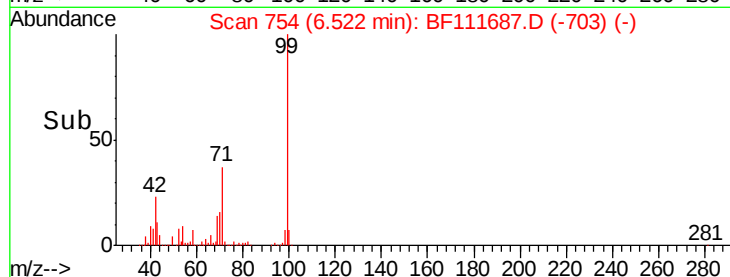
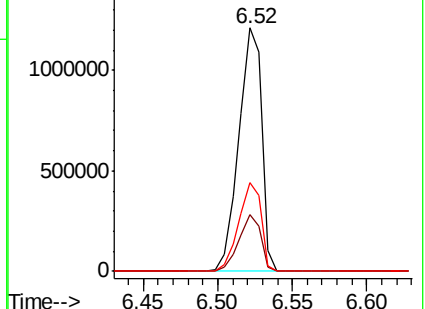
71 36.7 26.1 39.1



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



#9

Benzaldehyde

Concen: 2.682 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.01 min

Lab File: BF111687.D

Acq: 21 Dec 2018 15:09

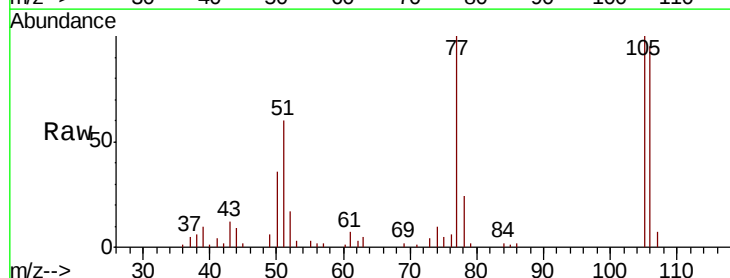
Tgt Ion: 77 Resp: 27369

Ion Ratio Lower Upper

77 100

105 100.0 81.4 121.4

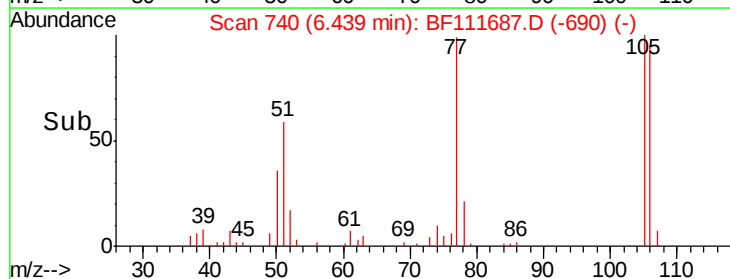
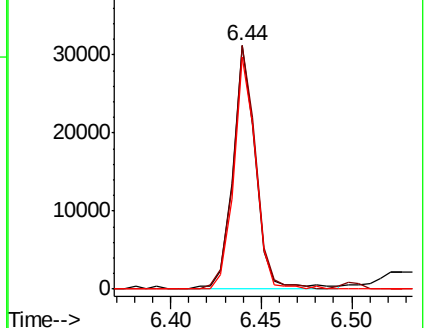
106 95.2 77.9 117.9

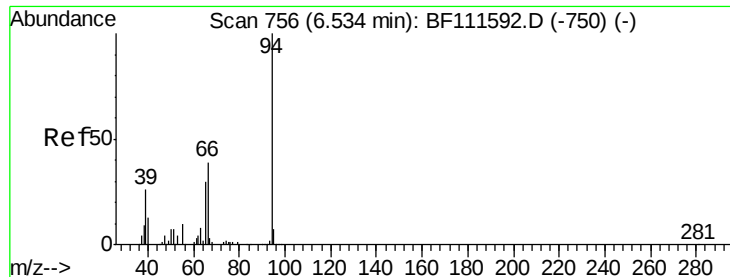


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 6.230 ng

RT: 6.53 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF111687.D

Acq: 21 Dec 2018 15:09

Instrument :

BNA_F

ClientSampleId :

P001-SS024-1218-01

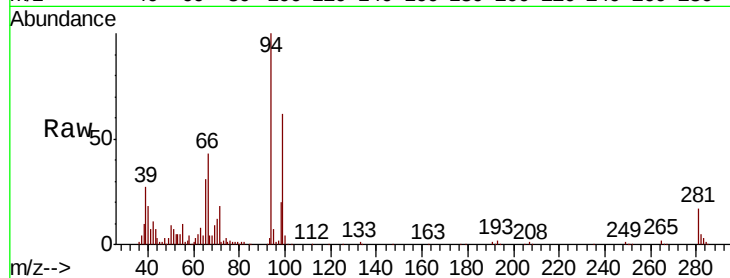
Tgt Ion: 94 Resp: 104311

Ion Ratio Lower Upper

94 100

65 31.2 11.7 51.7

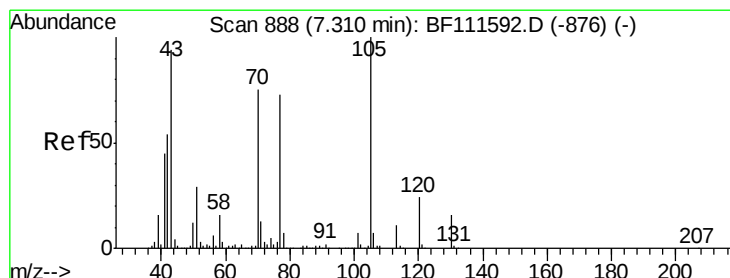
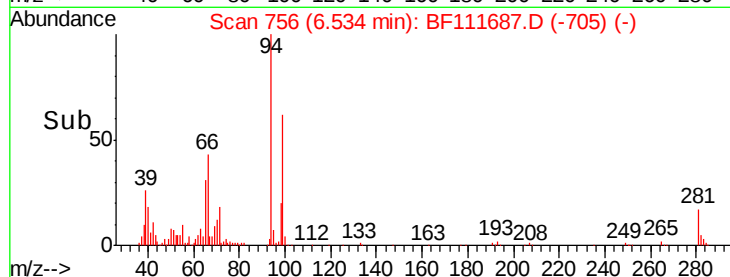
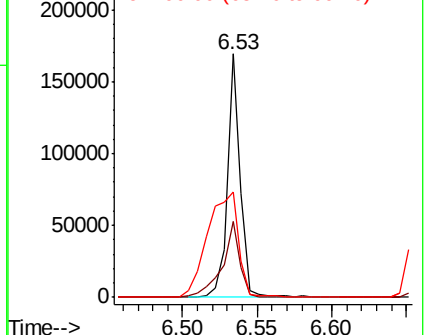
66 43.4 21.0 61.0



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



#19

n-Nitroso-di-n-propylamine

Concen: 11.443 ng

RT: 7.45 min Scan# 912

Delta R.T. 0.14 min

Lab File: BF111687.D

Acq: 21 Dec 2018 15:09

Tgt Ion: 70 Resp: 112770

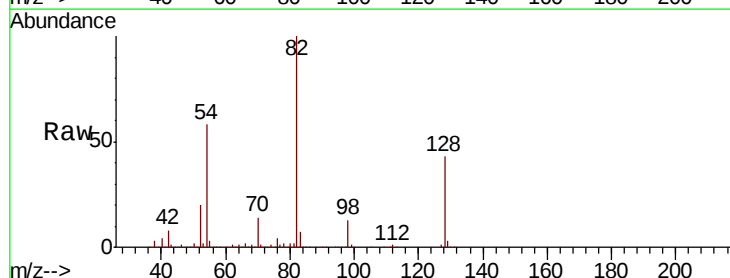
Ion Ratio Lower Upper

70 100

42 54.7 53.2 79.8

101 0.0 8.2 12.4#

130 1.9 18.1 27.1#

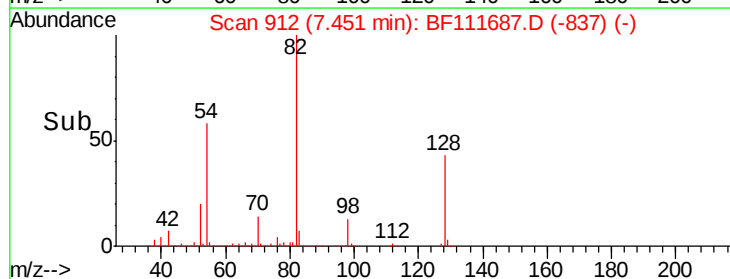
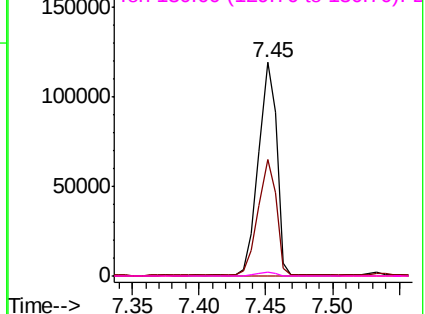


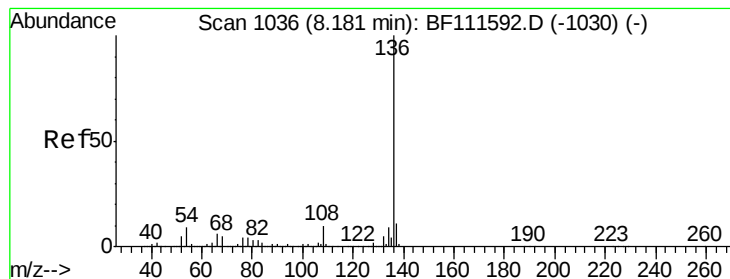
Abundance Ion 70.00 (69.70 to 70.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 101.00 (100.70 to 101.70): BF1

Ion 130.00 (129.70 to 130.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.17 min Scan# 1035

Delta R.T. -0.01 min

Lab File: BF111687.D

Acq: 21 Dec 2018 15:09

Instrument :

BNA_F

ClientSampleId :

P001-SS024-1218-01

Tgt Ion: 136 Resp: 743169

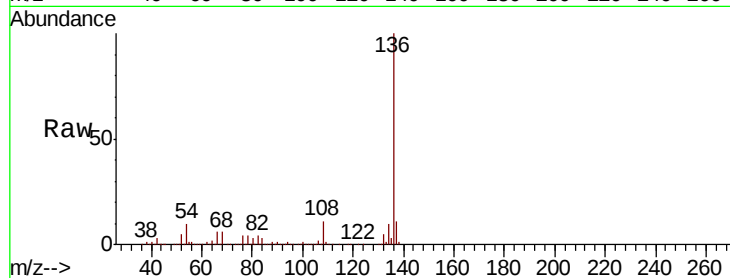
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 9.9 7.7 11.5

68 6.1 4.9 7.3

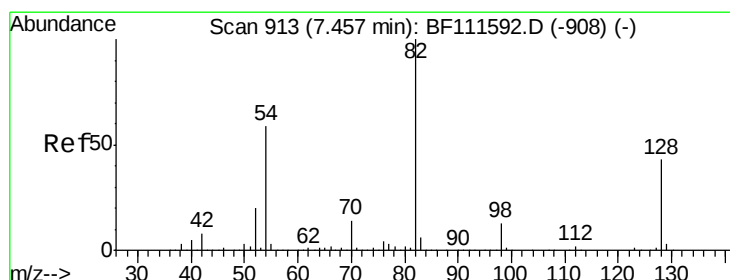
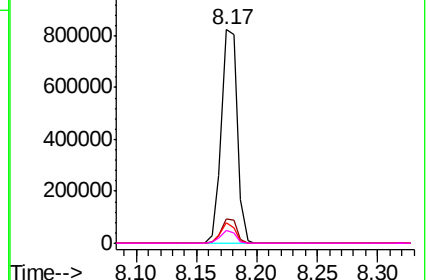
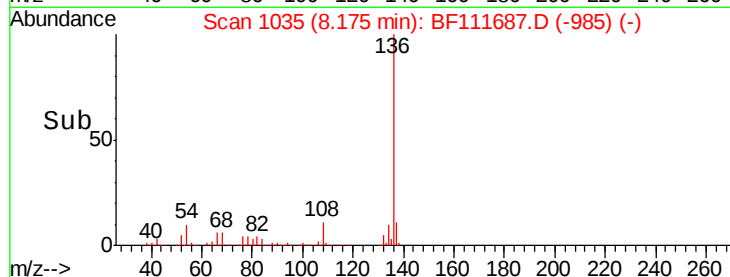


Abundance Ion 136.00 (135.70 to 136.70): E

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: 63.814 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.01 min

Lab File: BF111687.D

Acq: 21 Dec 2018 15:09

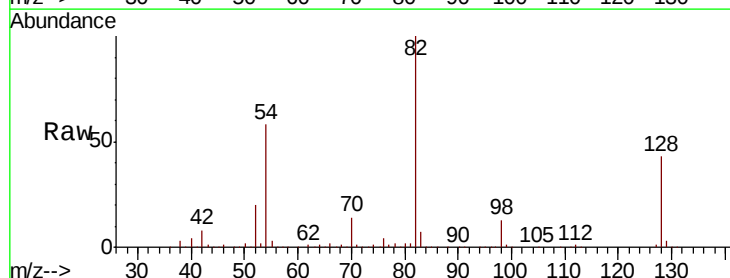
Tgt Ion: 82 Resp: 814748

Ion Ratio Lower Upper

82 100

128 43.1 37.4 56.2

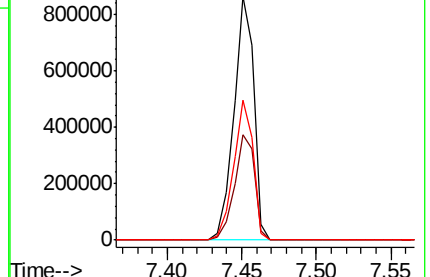
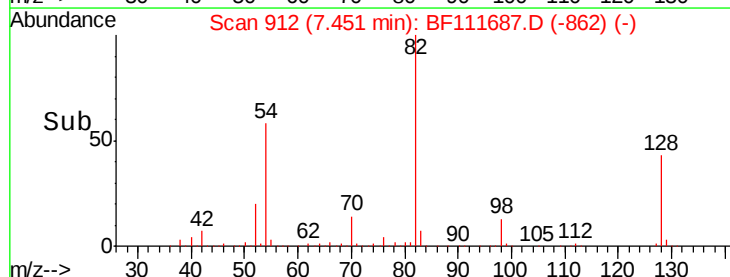
54 57.6 47.6 71.4

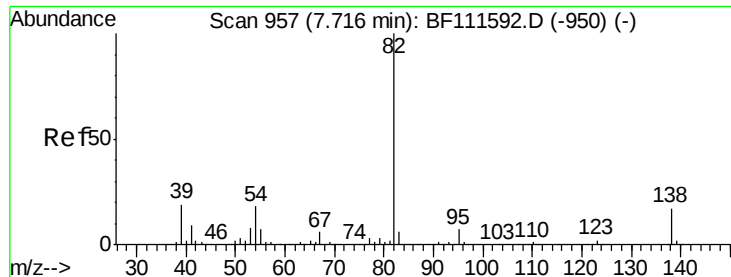


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 35.945 ng

RT: 7.45 min Scan# 912

Delta R.T. -0.26 min

Lab File: BF111687.D

Acq: 21 Dec 2018 15:09

Instrument :

BNA_F

ClientSampleId :

P001-SS024-1218-01

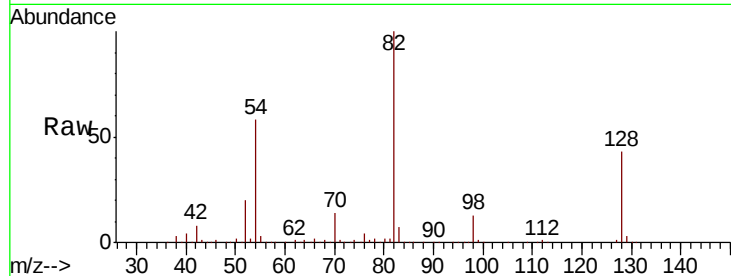
Tgt Ion: 82 Resp: 814740

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.2#

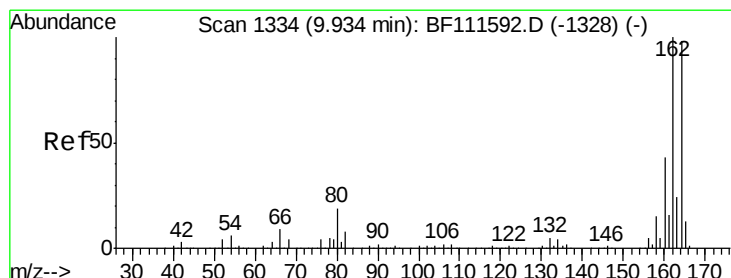
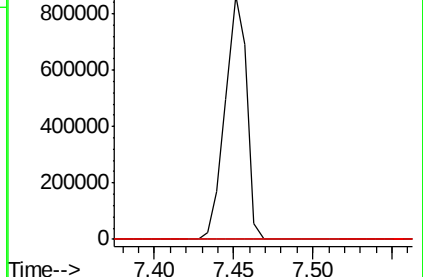
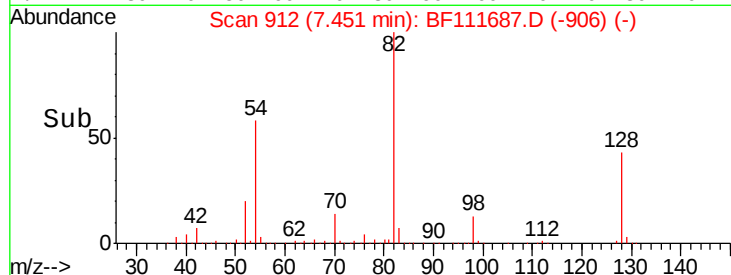
138 0.0 15.1 22.7#



Abundance Ion 82.00 (81.70 to 82.70): BF111592.D (-950) (-)

Ion 95.00 (94.70 to 95.70): BF111592.D (-950) (-)

Ion 138.00 (137.70 to 138.70): BF111592.D (-950) (-)



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.00 min

Lab File: BF111687.D

Acq: 21 Dec 2018 15:09

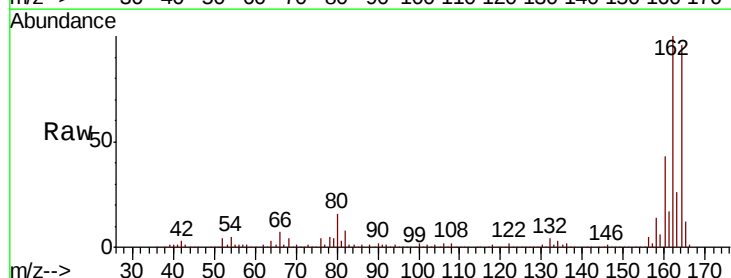
Tgt Ion: 164 Resp: 334853

Ion Ratio Lower Upper

164 100

162 103.9 81.4 122.0

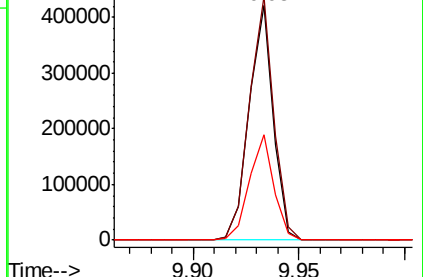
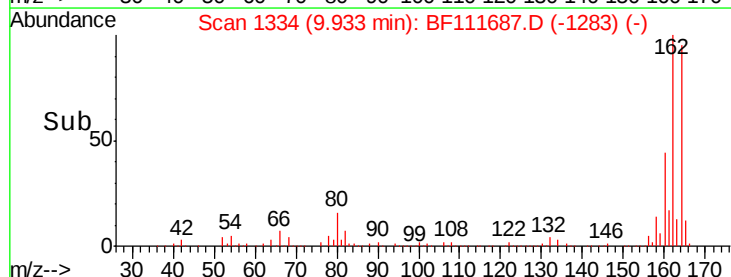
160 45.1 35.7 53.5

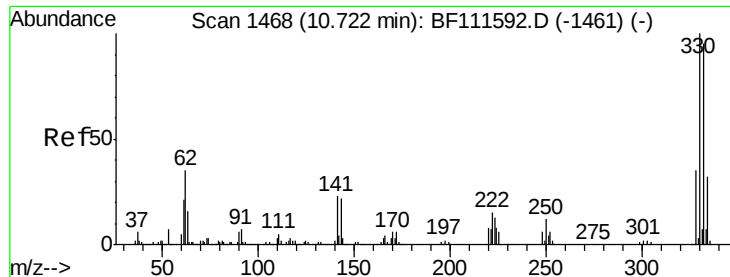


Abundance Ion 164.00 (163.70 to 164.70): BF111592.D (-1328) (-)

Ion 162.00 (161.70 to 162.70): BF111592.D (-1328) (-)

Ion 160.00 (159.70 to 160.70): BF111592.D (-1328) (-)

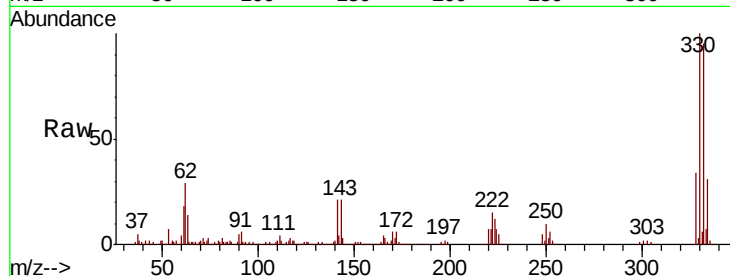




#42
 2,4,6-Tribromophenol
 Concen: 75.550 ng
 RT: 10.72 min Scan# 1468
 Delta R.T. -0.00 min
 Lab File: BF111687.D
 Acq: 21 Dec 2018 15:09

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS024-1218-01

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.1	76.0	114.0
141	30.3	31.0	46.6#

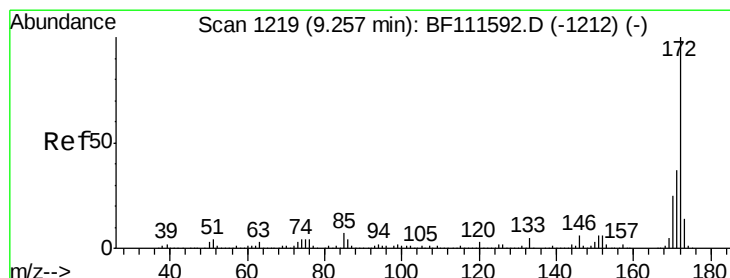
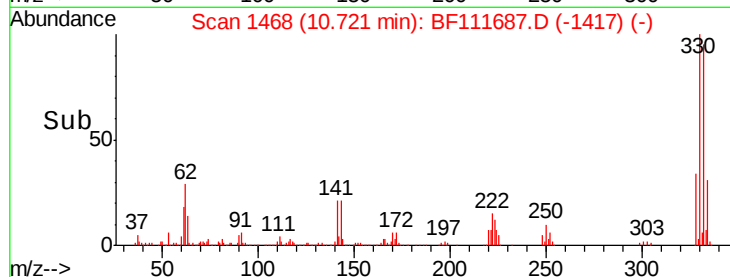
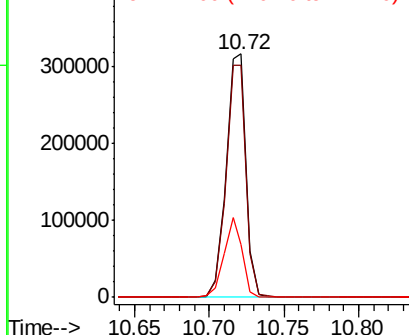


Abundance

Ion 329.80 (329.50 to 330.50): E

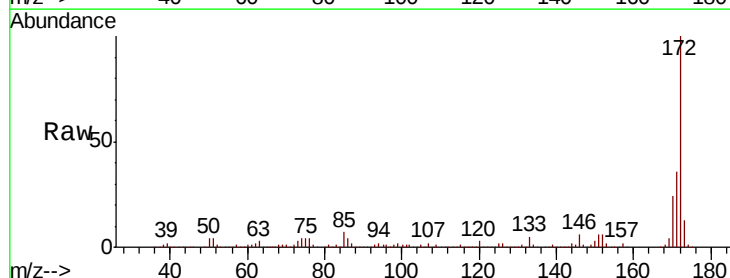
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 61.364 ng
 RT: 9.25 min Scan# 1218
 Delta R.T. -0.01 min
 Lab File: BF111687.D
 Acq: 21 Dec 2018 15:09

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.0	33.0	49.4
170	23.9	22.3	33.5

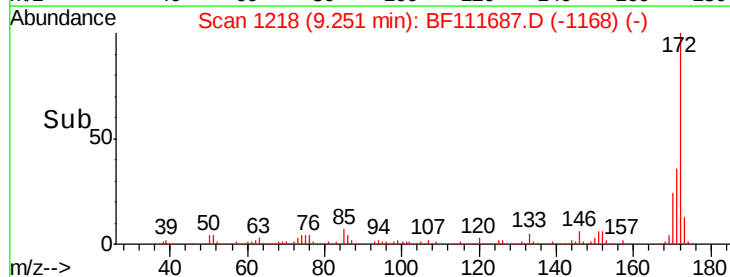
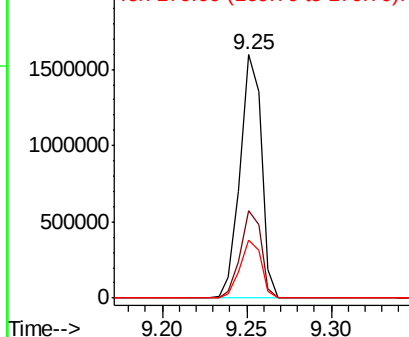


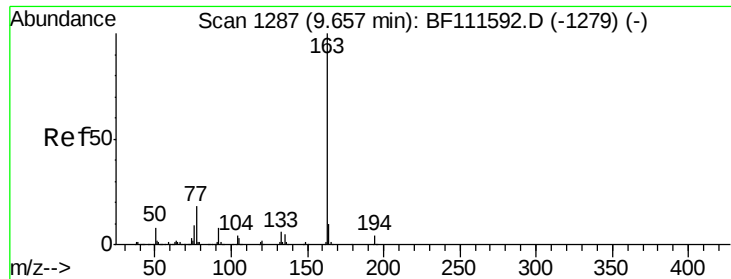
Abundance

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: 6.682 ng

RT: 9.64 min Scan# 1284

Delta R.T. -0.02 min

Lab File: BF111687.D

Acq: 21 Dec 2018 15:09

Instrument :

BNA_F

ClientSampleId :

P001-SS024-1218-01

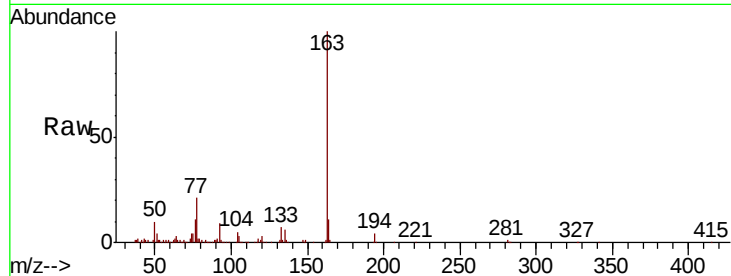
Tgt Ion:163 Resp: 163622

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

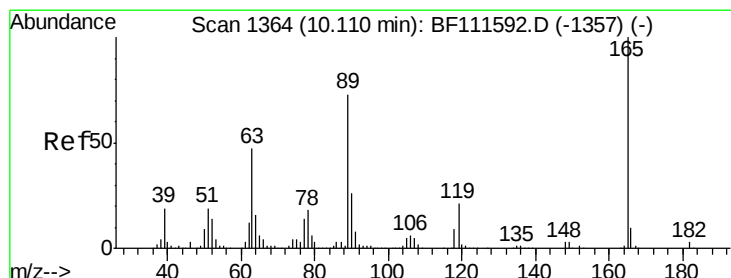
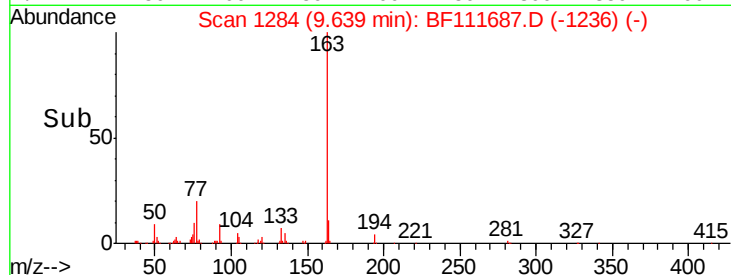
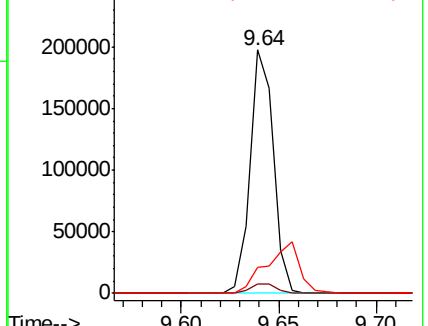
164 10.7 8.9 13.3



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: 7.420 ng

RT: 9.93 min Scan# 1334

Delta R.T. -0.18 min

Lab File: BF111687.D

Acq: 21 Dec 2018 15:09

Tgt Ion:165 Resp: 43543

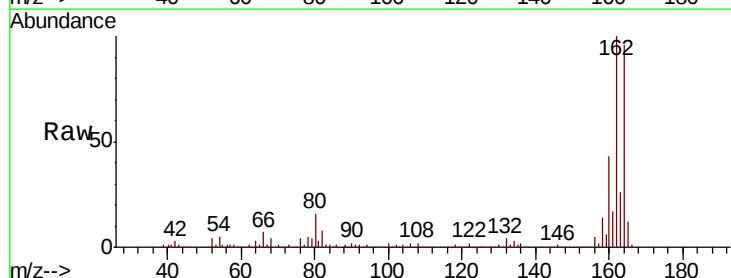
Ion Ratio Lower Upper

165 100

63 2.3 34.6 52.0#

89 1.9 56.2 84.4#

182 0.0 1.8 2.6#

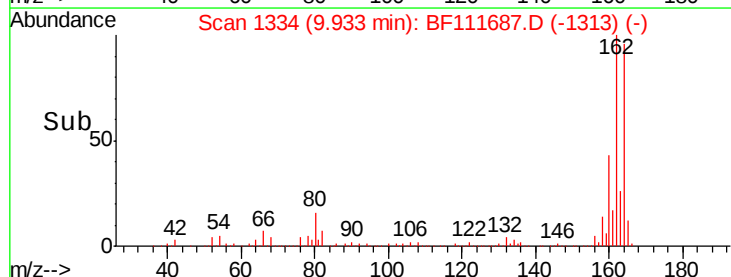
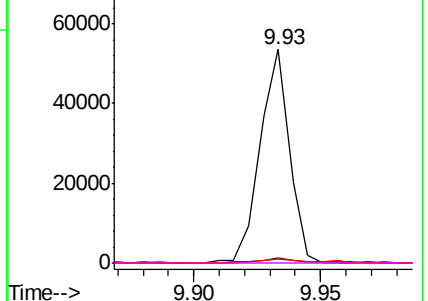


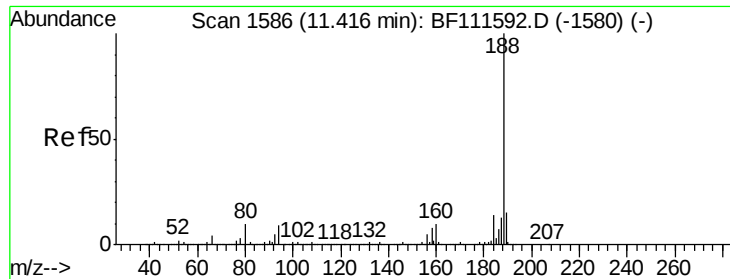
Abundance Ion 165.00 (164.70 to 165.70): E

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

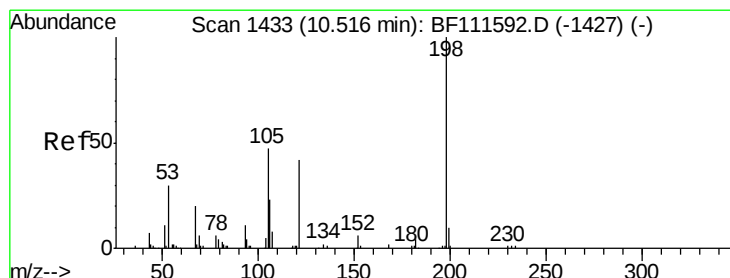
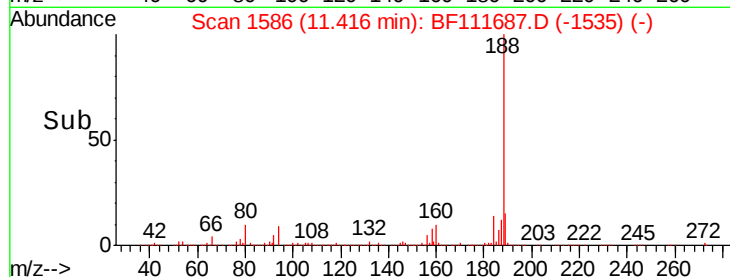
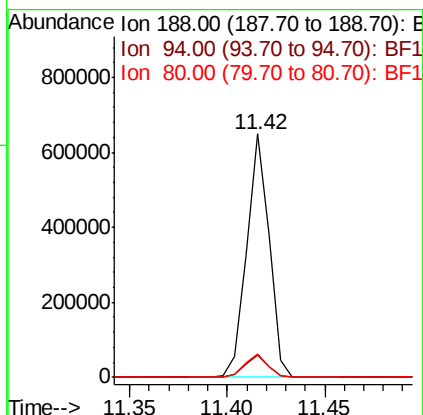
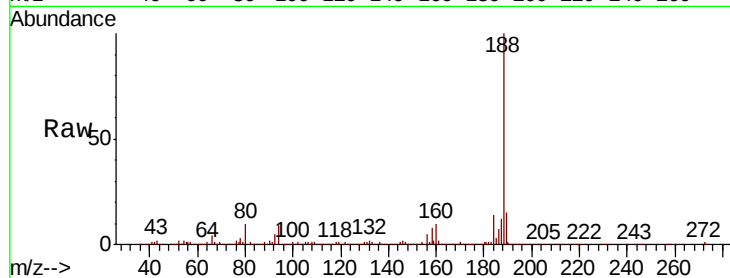




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.42 min Scan# 1586
Delta R.T. -0.00 min
Lab File: BF111687.D
Acq: 21 Dec 2018 15:09

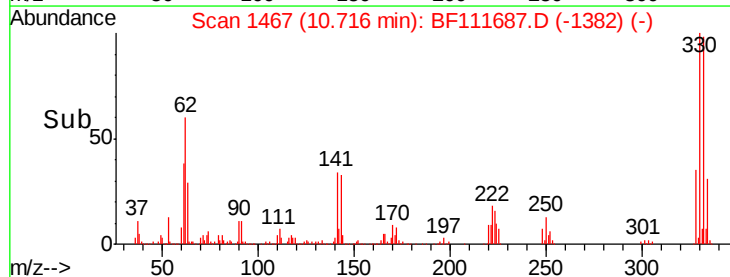
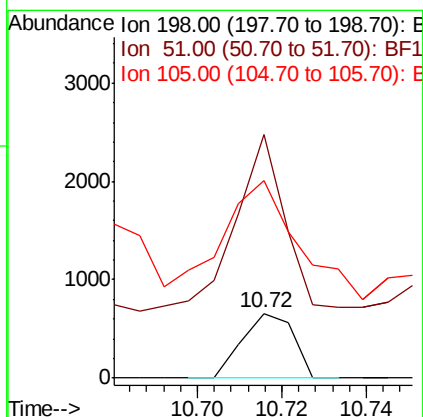
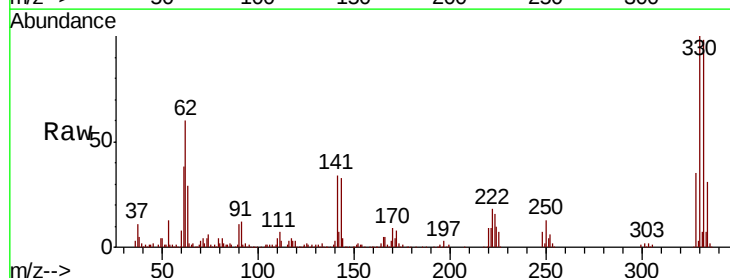
Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

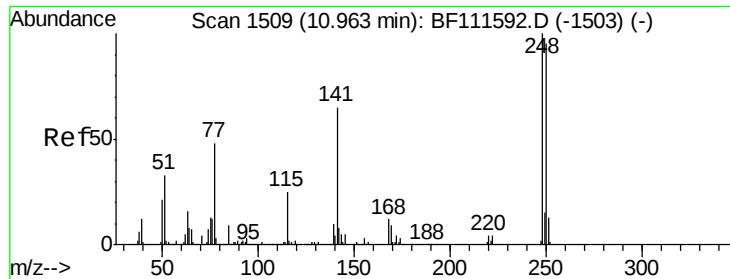
Tgt Ion:188 Resp: 517387
Ion Ratio Lower Upper
188 100
94 9.0 9.6 14.4#
80 9.6 9.8 14.6#



#65
4,6-Dinitro-2-methylphenol
Concen: 6.916 ng
RT: 10.72 min Scan# 1467
Delta R.T. 0.20 min
Lab File: BF111687.D
Acq: 21 Dec 2018 15:09

Tgt Ion:198 Resp: 554
Ion Ratio Lower Upper
198 100
51 377.9 48.0 88.0#
105 307.5 34.0 74.0#

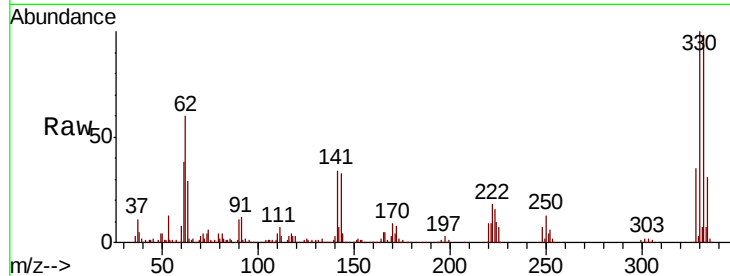




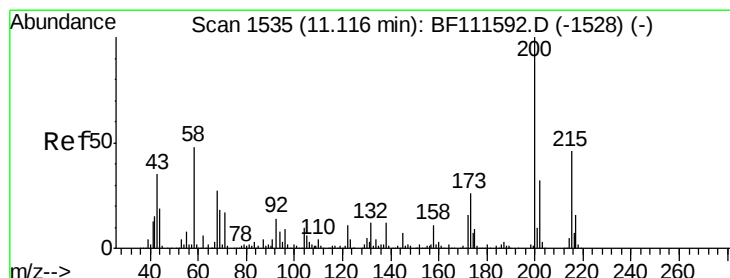
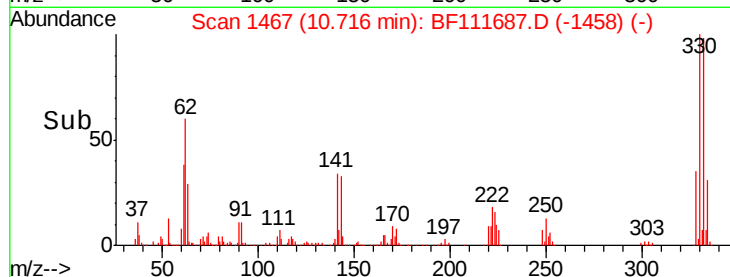
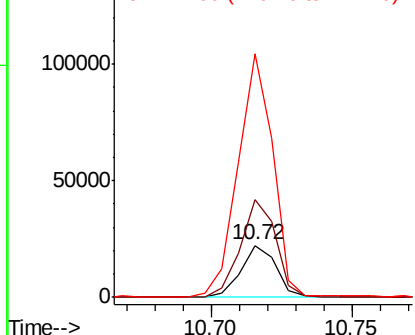
#67
4-Bromophenyl-phenylether
Concen: 3.015 ng
RT: 10.72 min Scan# 1467
Delta R.T. -0.25 min
Lab File: BF111687.D
Acq: 21 Dec 2018 15:09

Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

Tgt Ion:248 Resp: 19347
Ion Ratio Lower Upper
248 100
250 187.2 77.0 115.4#
141 468.3 63.0 94.6#

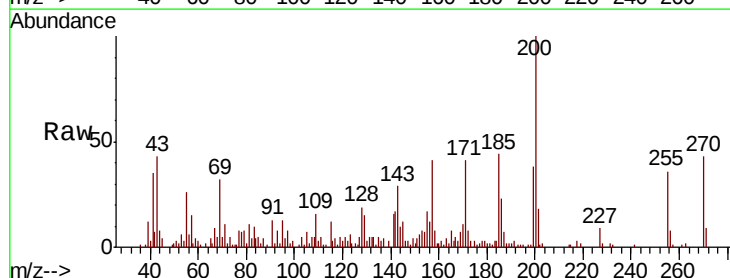


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

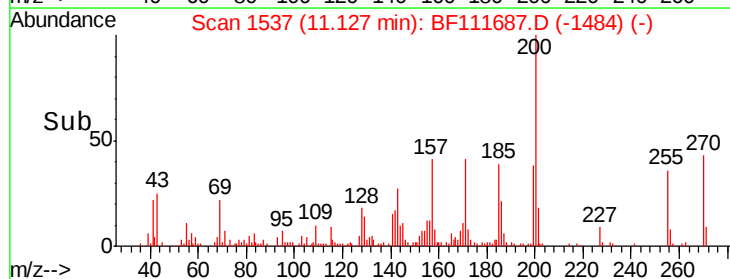
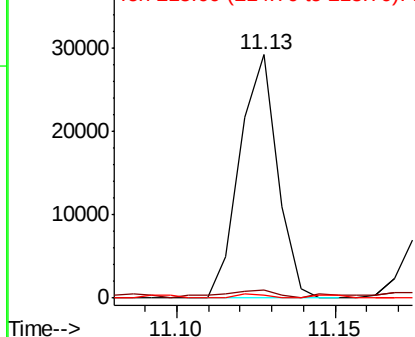


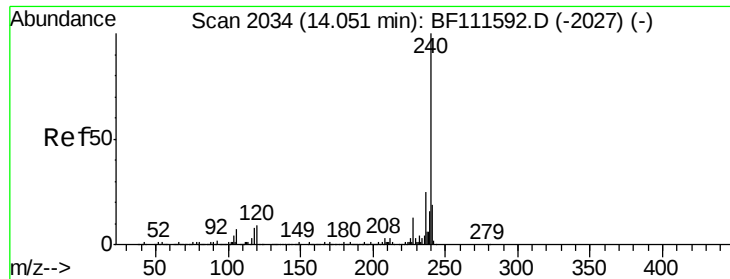
#69
Atrazine
Concen: 3.979 ng
RT: 11.13 min Scan# 1537
Delta R.T. 0.01 min
Lab File: BF111687.D
Acq: 21 Dec 2018 15:09

Tgt Ion:200 Resp: 24006
Ion Ratio Lower Upper
200 100
173 3.3 10.1 50.1#
215 1.1 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

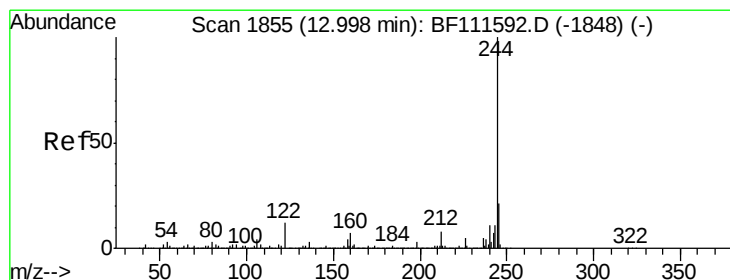
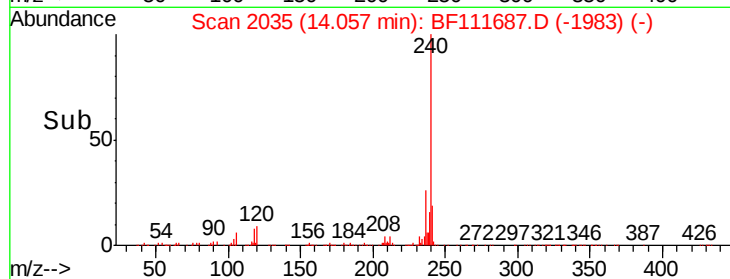
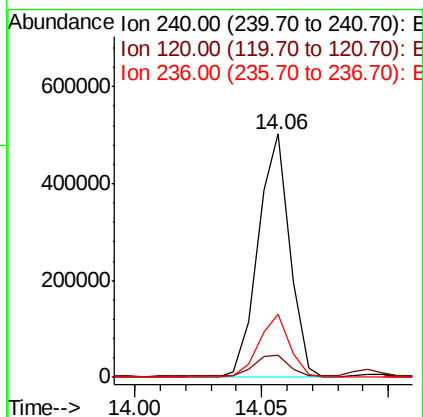
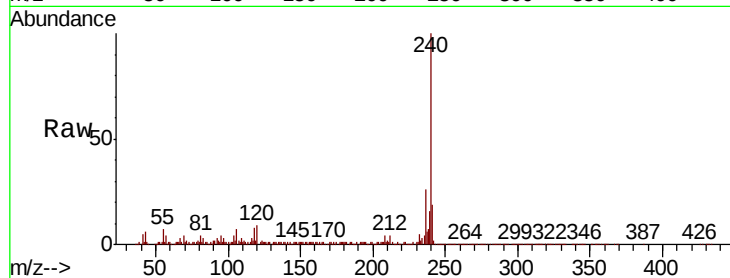




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.06 min Scan# 2035
Delta R.T. 0.01 min
Lab File: BF111687.D
Acq: 21 Dec 2018 15:09

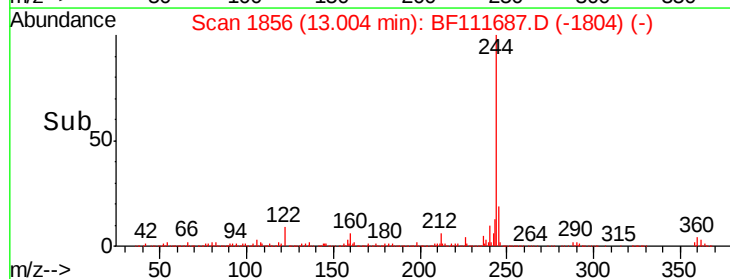
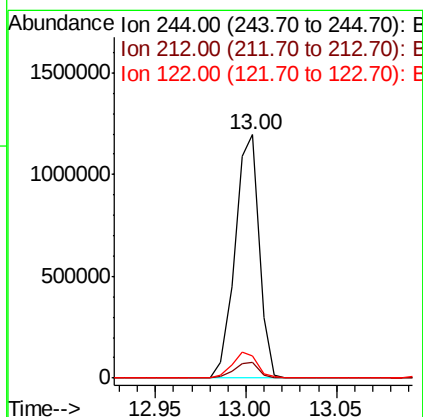
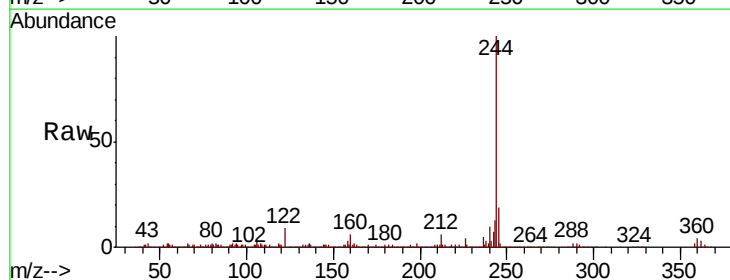
Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

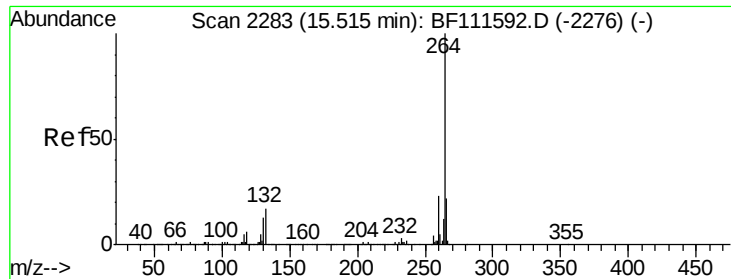
Tgt Ion:240 Resp: 434056
Ion Ratio Lower Upper
240 100
120 9.3 12.2 18.2#
236 25.7 20.2 30.2



#79
Terphenyl-d14
Concen: 48.356 ng
RT: 13.00 min Scan# 1856
Delta R.T. 0.01 min
Lab File: BF111687.D
Acq: 21 Dec 2018 15:09

Tgt Ion:244 Resp: 1106793
Ion Ratio Lower Upper
244 100
212 6.4 5.7 8.5
122 8.9 13.1 19.7#

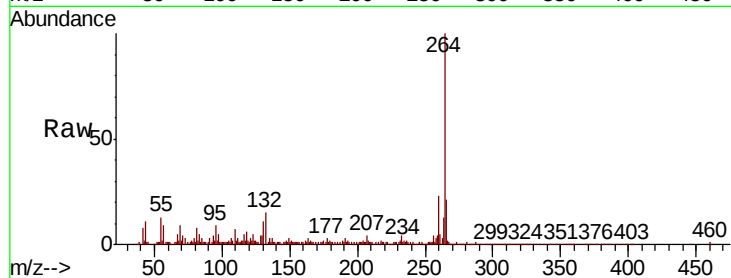




#87
Perylene-d12
Concen: 20.000 ng
RT: 15.54 min Scan# 2287
Delta R.T. 0.02 min
Lab File: BF111687.D
Acq: 21 Dec 2018 15:09

Instrument :
BNA_F
ClientSampleId :
P001-SS024-1218-01

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.3	27.5
265	21.4	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

