

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF111218\
 Data File : BF110687.D
 Acq On : 12 Nov 2018 21:05
 Operator : JU/SJ
 Sample : J5892-02
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PN-STONE

Quant Time: Nov 13 05:41:03 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 09 15:13:13 2018
 Response via : Initial Calibration

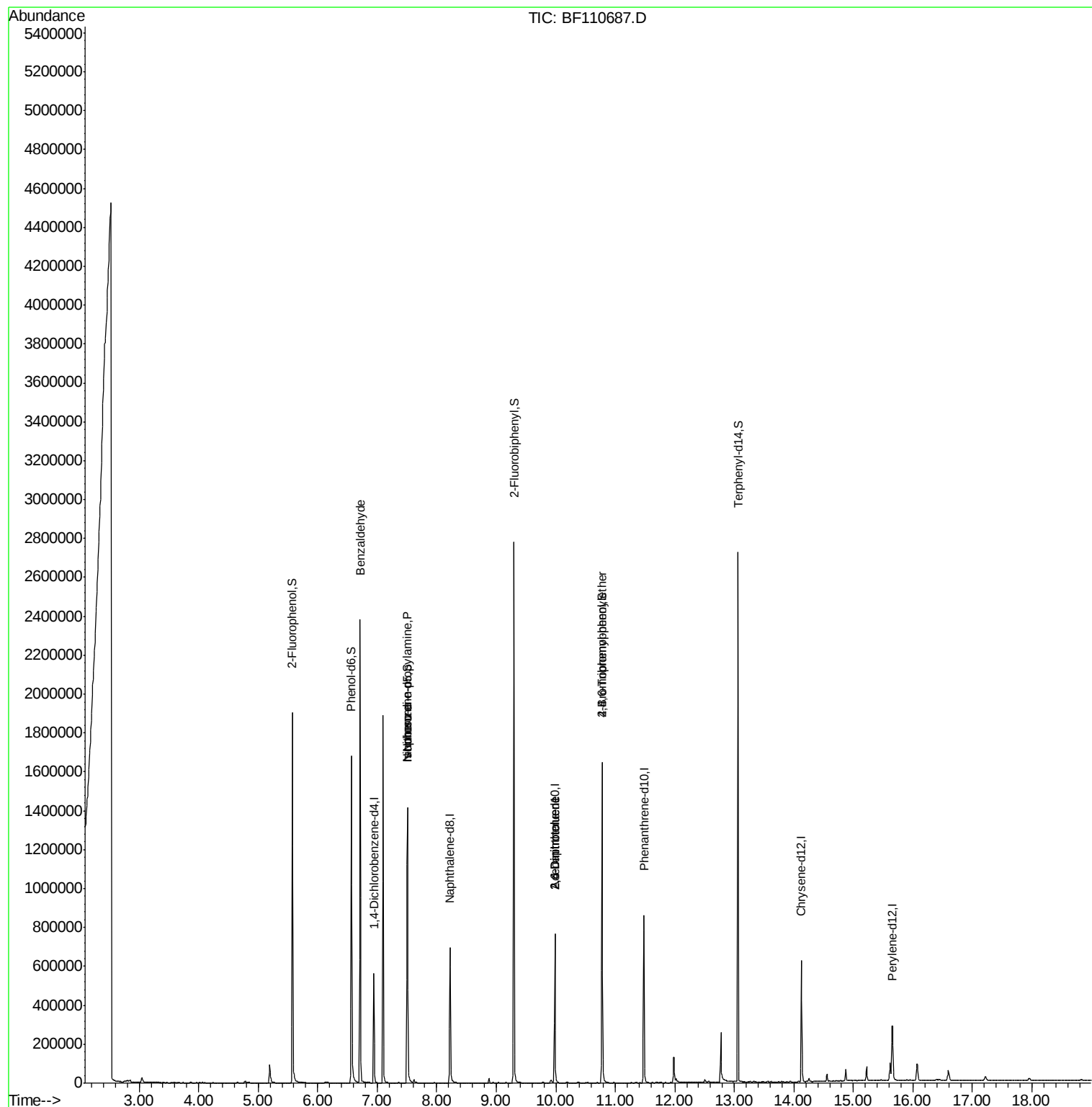
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	86439	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	359405	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	173612	20.00	ng	-0.01
64) Phenanthrene-d10	11.48	188	337176	20.00	ng	0.00
76) Chrysene-d12	14.13	240	220667	20.00	ng	-0.01
87) Perylene-d12	15.65	264	162057	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	522001	98.09	ng	0.01
7) Phenol-d6	6.57	99	590222	86.73	ng	0.00
23) Nitrobenzene-d5	7.51	82	477289	76.48	ng	0.00
42) 2,4,6-Tribromophenol	10.78	330	194955	111.44	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	886411	72.92	ng	0.00
79) Terphenyl-d14	13.06	244	871516	73.96	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	13823	2.048	ng	84
19) n-Nitroso-di-n-propylamine	7.51	70	62359	14.356	ng	# 80
25) Isophorone	7.51	82	477284	46.661	ng	# 67
51) 2,6-Dinitrotoluene	9.98	165	22761	7.987	ng	# 22
57) 2,4-Dinitrotoluene	9.98	165	22761	6.143	ng	# 18
67) 4-Bromophenyl-phenylether	10.78	248	12757	3.423	ng	# 1

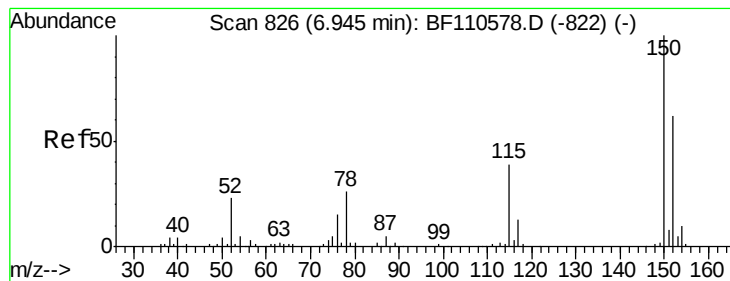
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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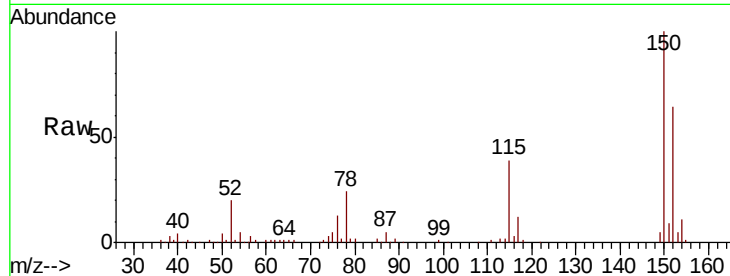


#1

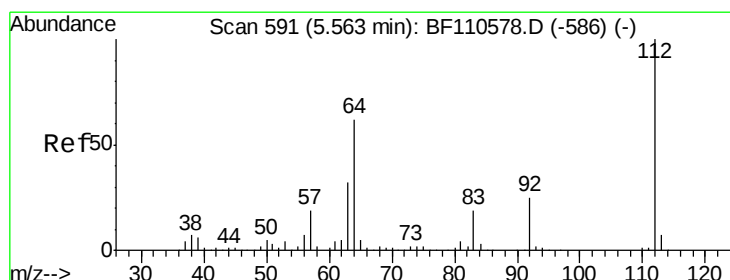
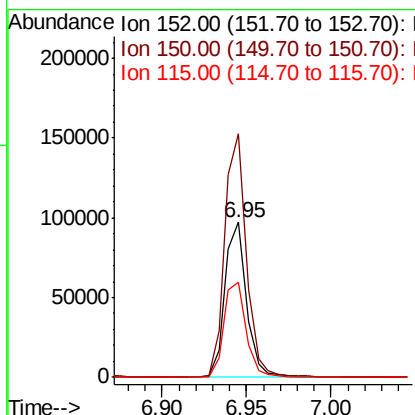
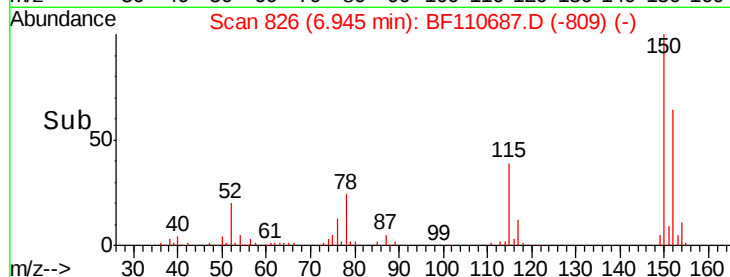
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.95 min Scan# 826
Delta R.T. 0.00 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Instrument :
BNA_F
ClientSampleId :
PN-STONE

Tgt Ion:152 Resp: 86439
Ion Ratio Lower Upper
152 100
150 157.0 122.7 184.1
115 61.1 49.1 73.7



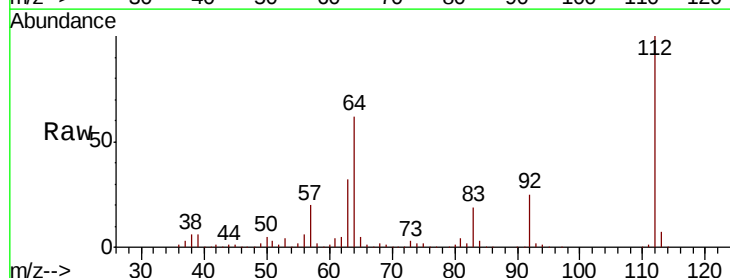
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



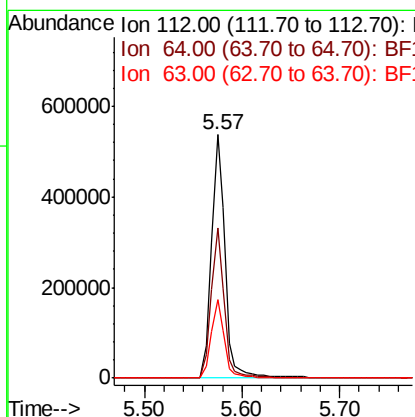
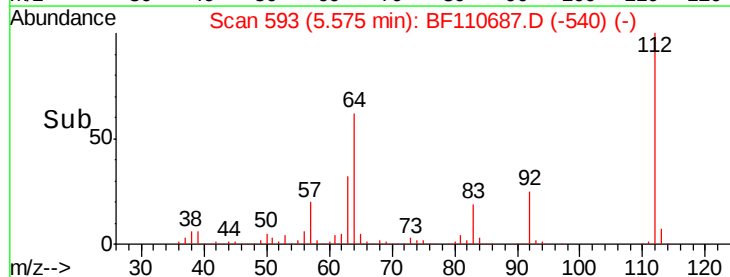
#5

2-Fluorophenol
Concen: 98.092 ng
RT: 5.57 min Scan# 593
Delta R.T. 0.01 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Tgt Ion:112 Resp: 522001
Ion Ratio Lower Upper
112 100
64 61.5 44.1 66.1
63 32.3 23.7 35.5



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: 86.734 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110687.D

Acq: 12 Nov 2018 21:05

Instrument :

BNA_F

ClientSampleId :

PN-STONE

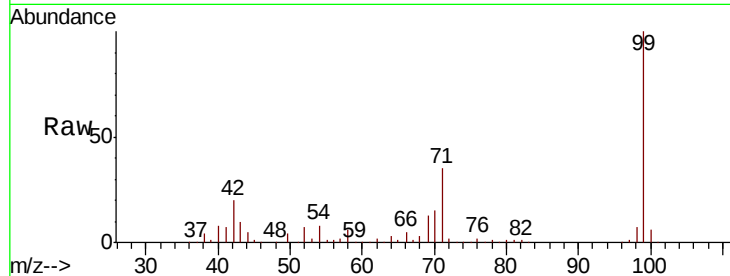
Tgt Ion: 99 Resp: 590222

Ion Ratio Lower Upper

99 100

42 20.0 15.8 23.6

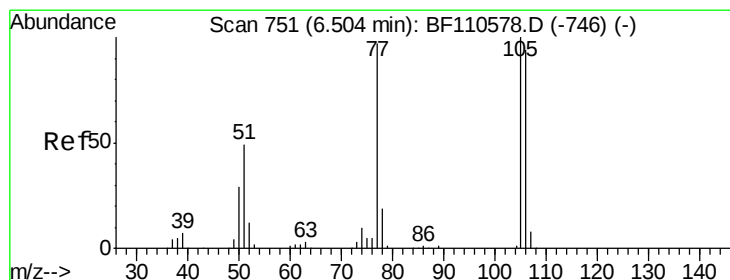
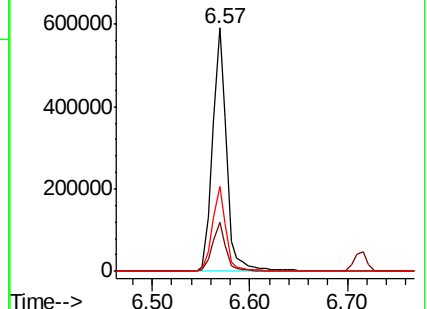
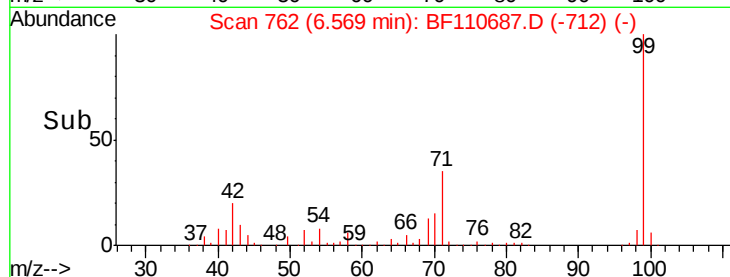
71 34.7 28.0 42.0



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: 2.048 ng

RT: 6.72 min Scan# 787

Delta R.T. 0.21 min

Lab File: BF110687.D

Acq: 12 Nov 2018 21:05

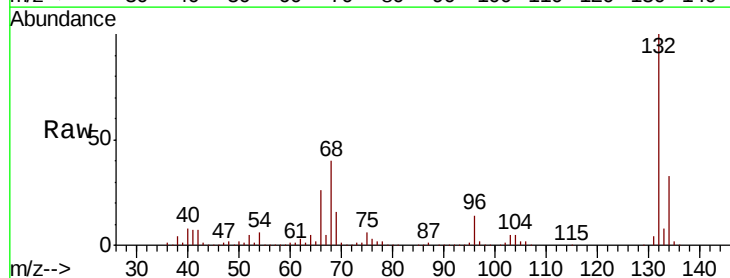
Tgt Ion: 77 Resp: 13823

Ion Ratio Lower Upper

77 100

105 84.1 78.6 118.6

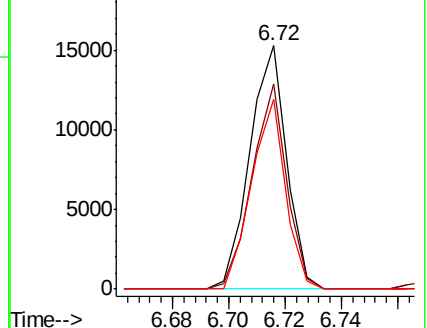
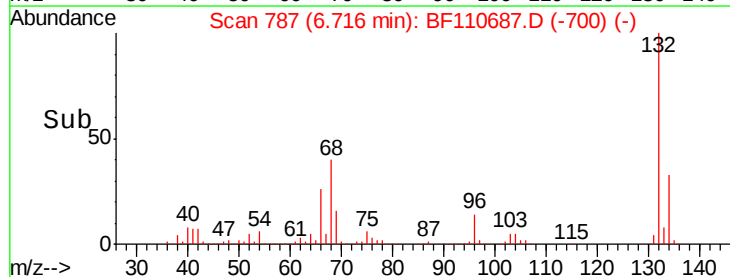
106 77.9 74.8 114.8

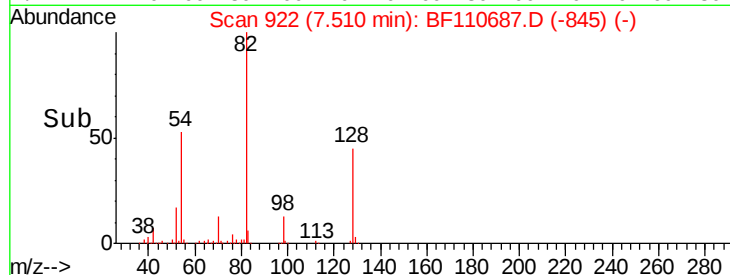
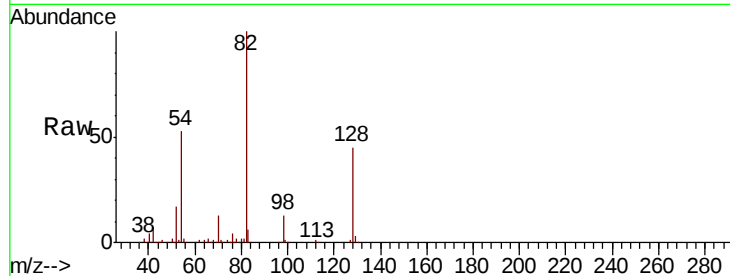


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

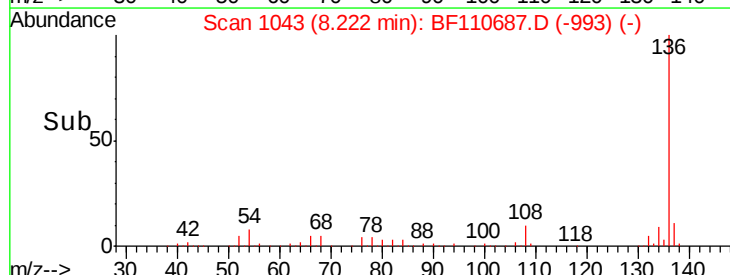
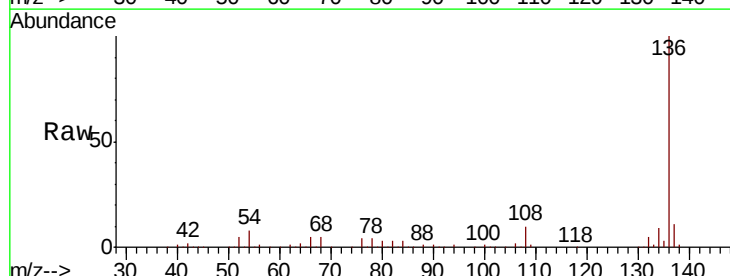
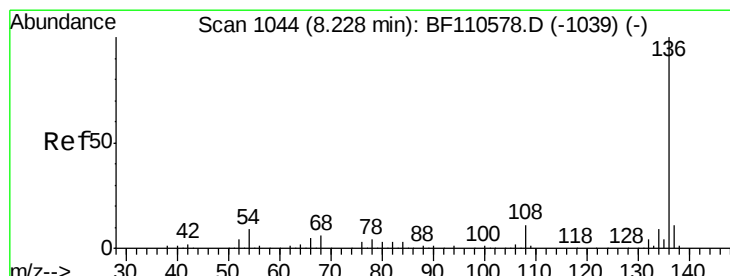
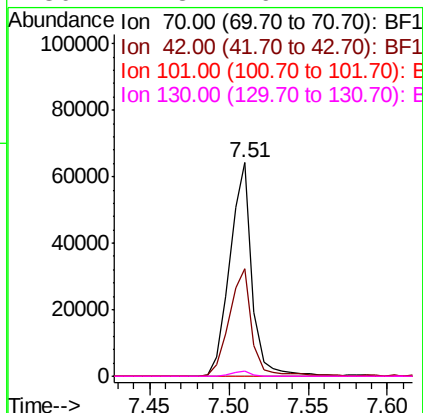




#19
n-Nitroso-di-n-propylamine
Concen: 14.356 ng
RT: 7.51 min Scan# 922
Delta R.T. 0.15 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

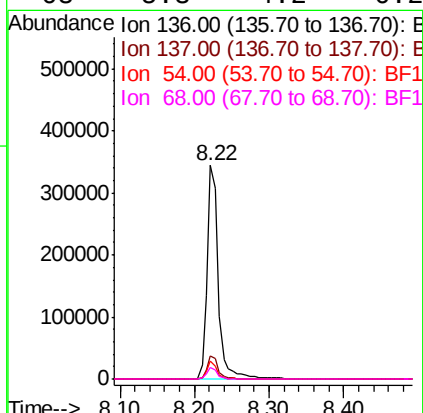
Instrument :
BNA_F
ClientSampleId :
PN-STONE

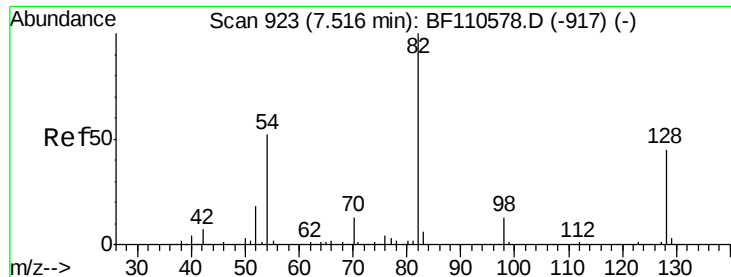
Tgt Ion: 70 Resp: 62359
Ion Ratio Lower Upper
70 100
42 50.1 47.4 71.2
101 0.0 7.3 10.9#
130 2.3 16.2 24.2#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Tgt Ion: 136 Resp: 359405
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.4 5.4 8.2#
68 5.3 4.2 6.2

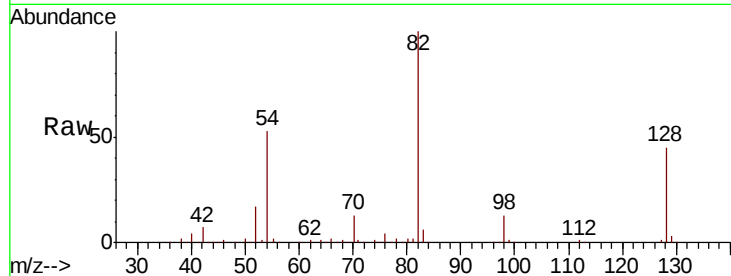




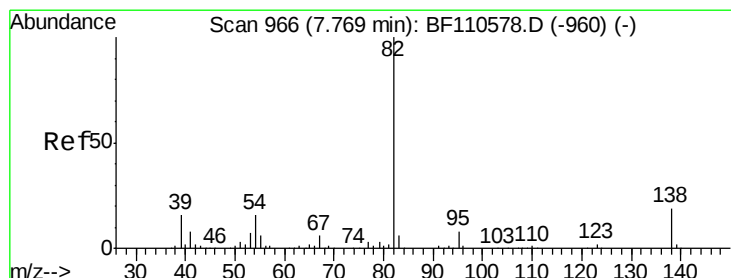
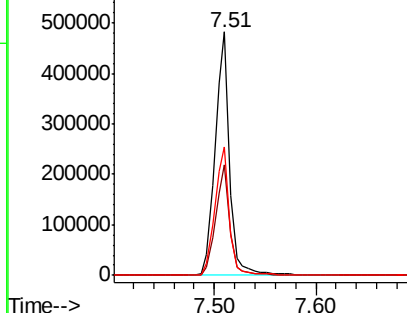
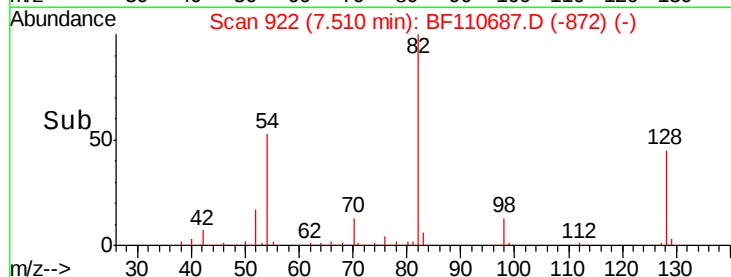
#23
 Nitrobenzene-d5
 Concen: 76.479 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.01 min
 Lab File: BF110687.D
 Acq: 12 Nov 2018 21:05

Instrument :
 BNA_F
 ClientSampleId :
 PN-STONE

Tgt Ion: 82 Resp: 477289
 Ion Ratio Lower Upper
 82 100
 128 45.5 34.2 51.2
 54 52.6 38.6 58.0

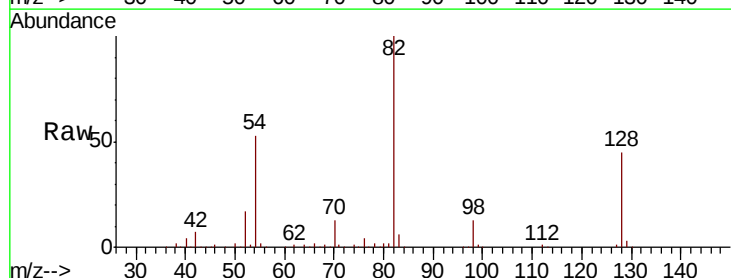


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

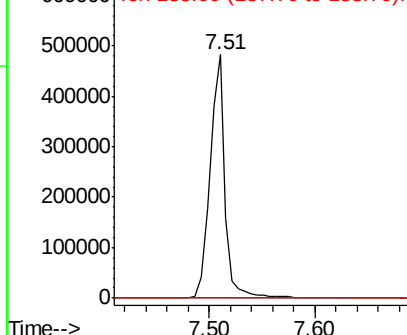
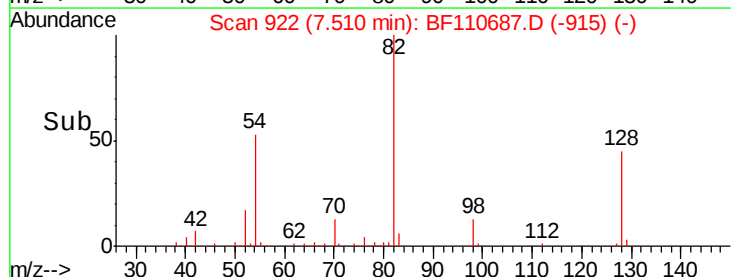


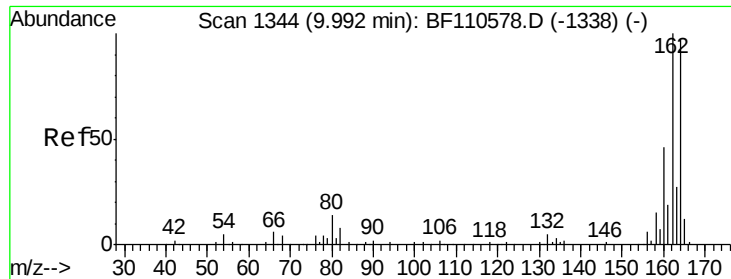
#25
 Isophorone
 Concen: 46.661 ng
 RT: 7.51 min Scan# 922
 Delta R.T. -0.26 min
 Lab File: BF110687.D
 Acq: 12 Nov 2018 21:05

Tgt Ion: 82 Resp: 477284
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.7 8.5#
 138 0.0 13.2 19.8#



Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 95.00 (94.70 to 95.70): BF1
 Ion 138.00 (137.70 to 138.70): BF1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110687.D

Acq: 12 Nov 2018 21:05

Instrument :

BNA_F

ClientSampleId :

PN-STONE

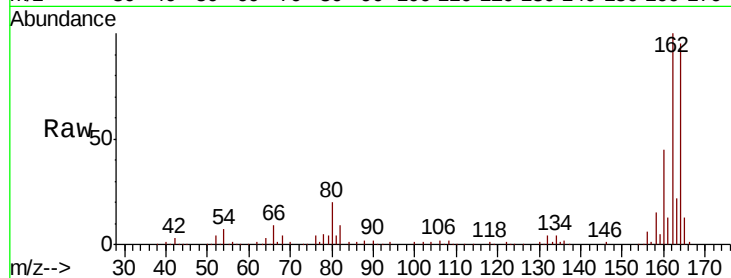
Tgt Ion:164 Resp: 173612

Ion Ratio Lower Upper

164 100

162 105.5 83.0 124.6

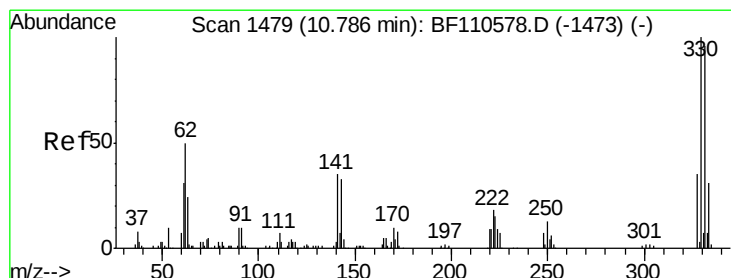
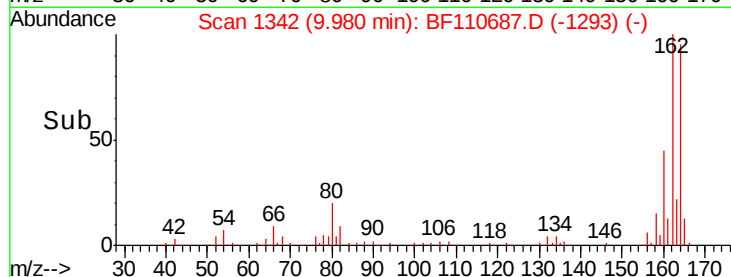
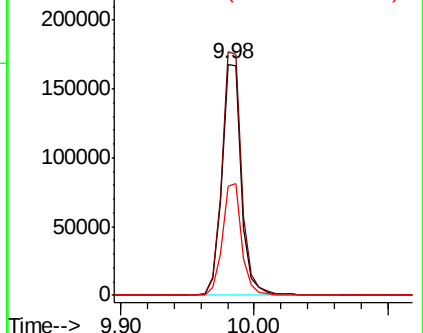
160 47.0 37.0 55.6



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: 111.444 ng

RT: 10.78 min Scan# 1478

Delta R.T. -0.01 min

Lab File: BF110687.D

Acq: 12 Nov 2018 21:05

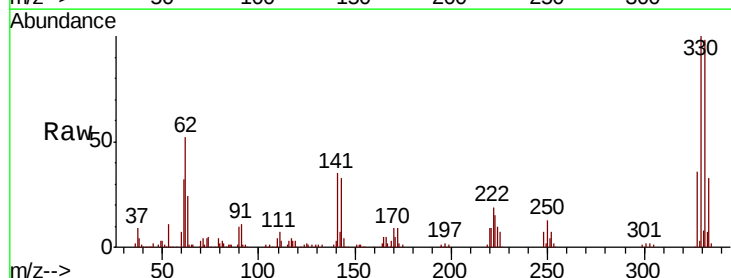
Tgt Ion:330 Resp: 194955

Ion Ratio Lower Upper

330 100

332 95.9 77.1 115.7

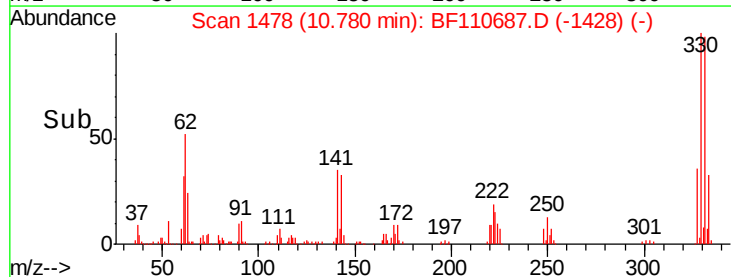
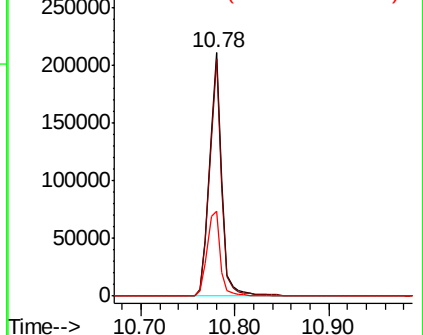
141 37.8 27.0 40.4

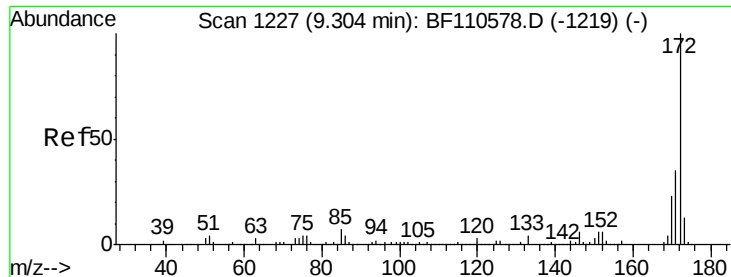


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

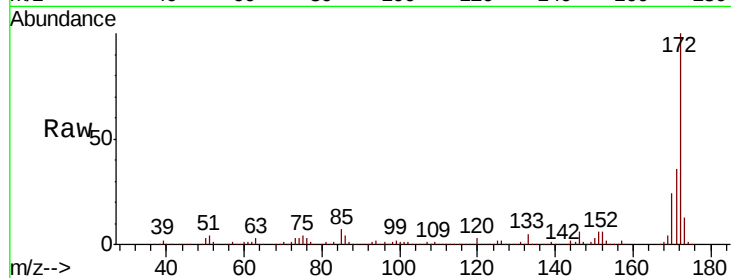




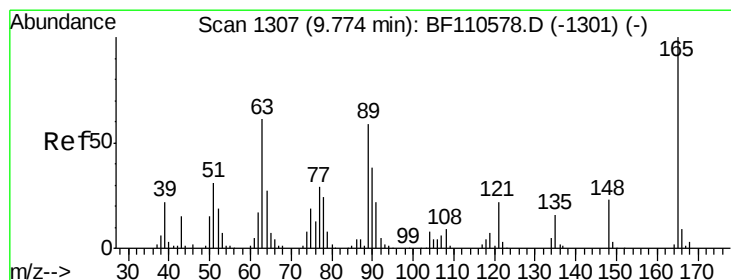
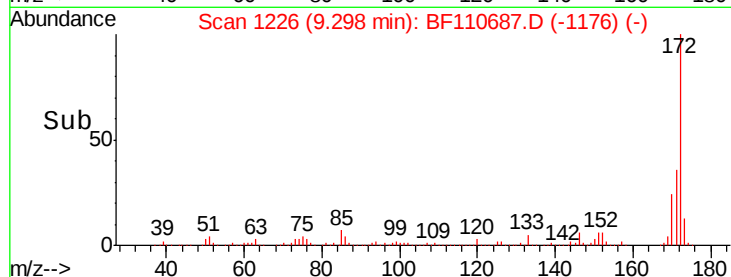
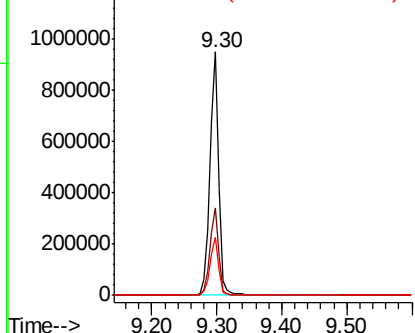
#45
 2-Fluorobiphenyl
 Concen: 72.919 ng
 RT: 9.30 min Scan# 1226
 Delta R.T. -0.01 min
 Lab File: BF110687.D
 Acq: 12 Nov 2018 21:05

Instrument :
 BNA_F
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 PN-STONE

Tgt Ion:172 Resp: 886411
 Ion Ratio Lower Upper
 172 100
 171 36.1 28.6 43.0
 170 23.6 19.7 29.5

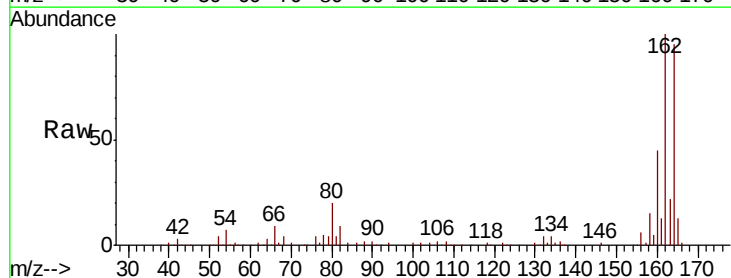


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

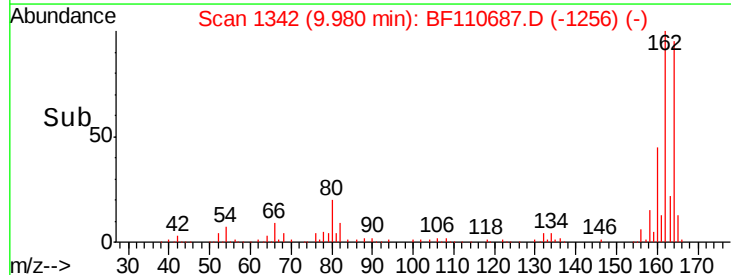
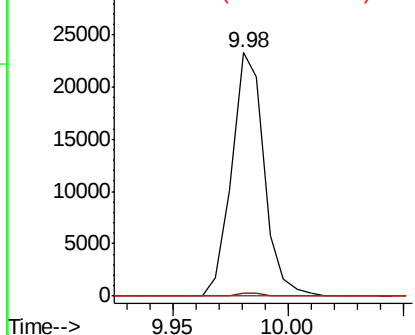


#51
 2,6-Dinitrotoluene
 Concen: 7.987 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. 0.21 min
 Lab File: BF110687.D
 Acq: 12 Nov 2018 21:05

Tgt Ion:165 Resp: 22761
 Ion Ratio Lower Upper
 165 100
 63 1.5 48.9 73.3#
 89 0.0 46.6 69.8#



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

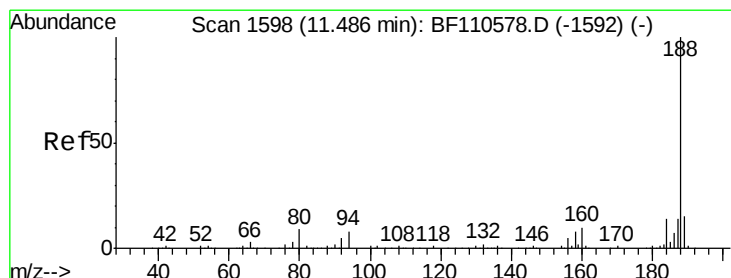
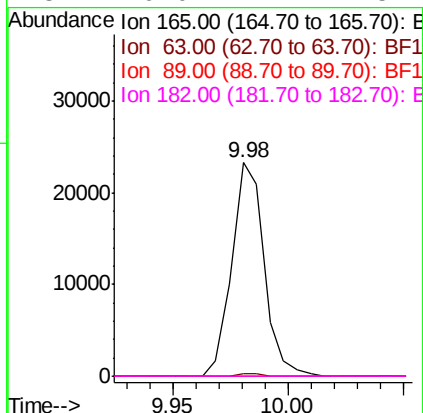
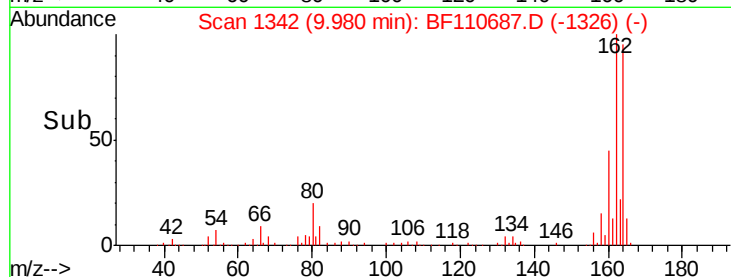
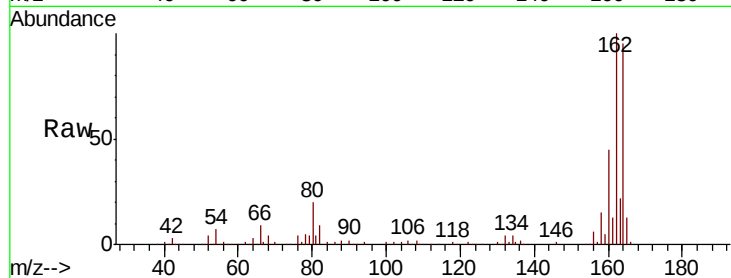




#57
 2,4-Dinitrotoluene
 Concen: 6.143 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110687.D
 Acq: 12 Nov 2018 21:05

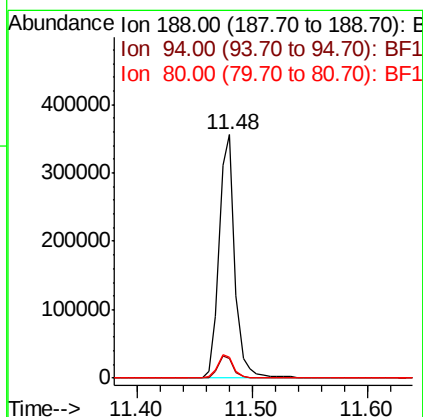
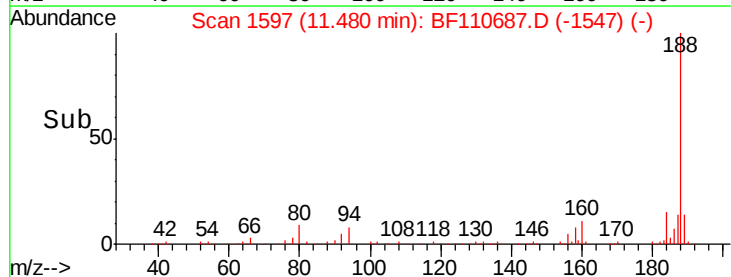
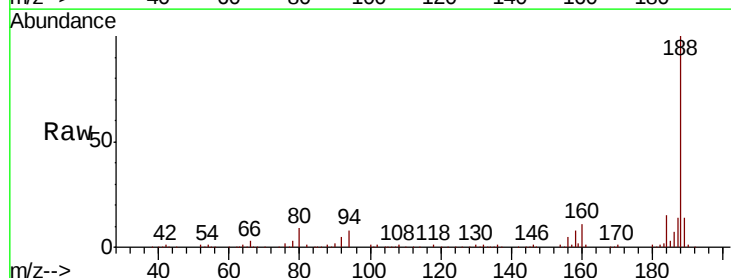
Instrument :
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 ClientSampleId :
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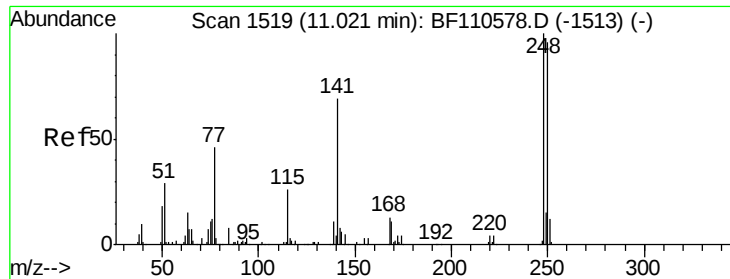
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.5	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110687.D
 Acq: 12 Nov 2018 21:05

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.9	7.2	10.8
80	8.6	7.9	11.9

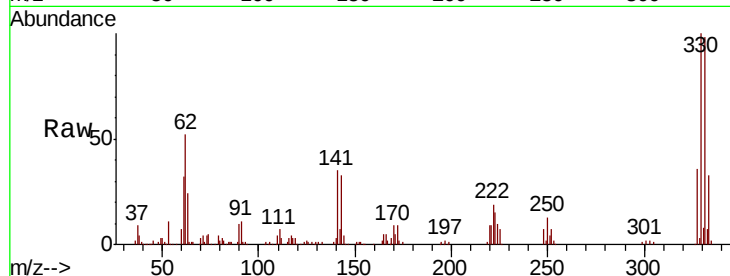




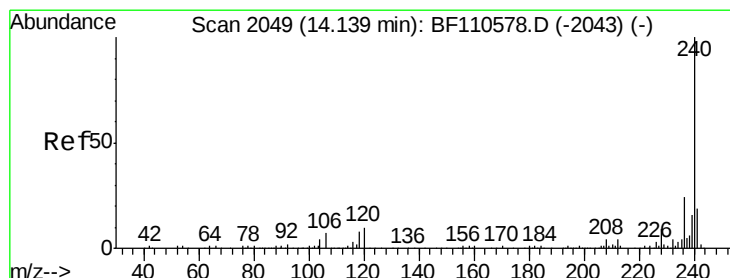
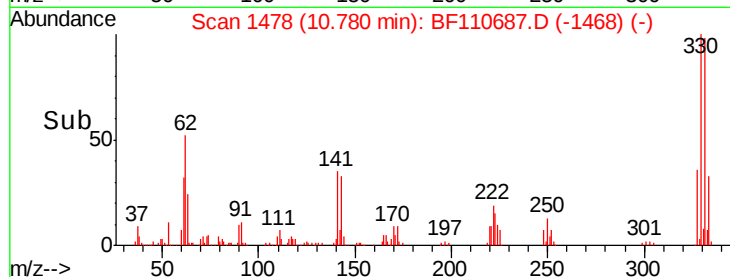
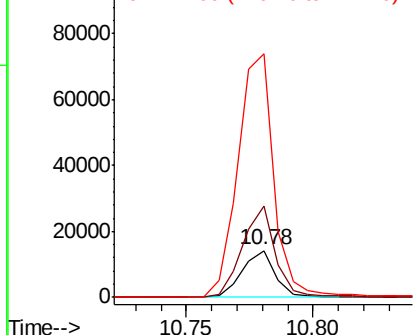
#67
4-Bromophenyl-phenylether
Concen: 3.423 ng
RT: 10.78 min Scan# 1478
Delta R.T. -0.24 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Instrument :
BNA_F
ClientSampleId :
PN-STONE

Tgt Ion:248 Resp: 12757
Ion Ratio Lower Upper
248 100
250 194.3 79.4 119.2#
141 519.6 55.9 83.9#

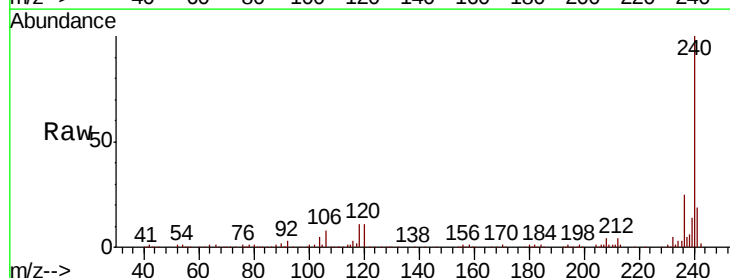


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

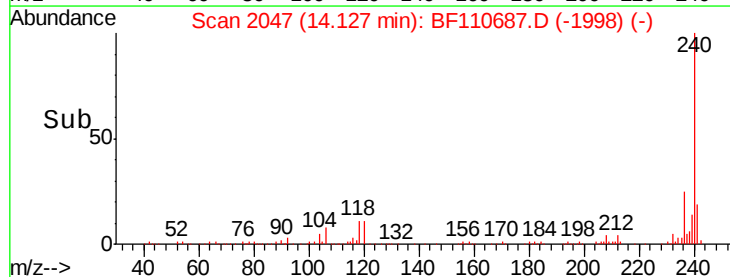
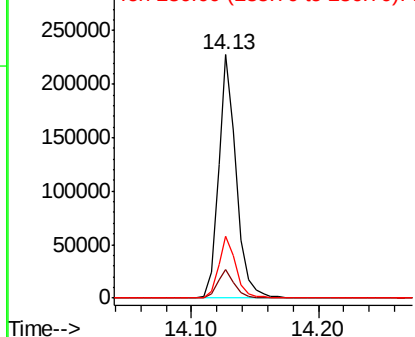


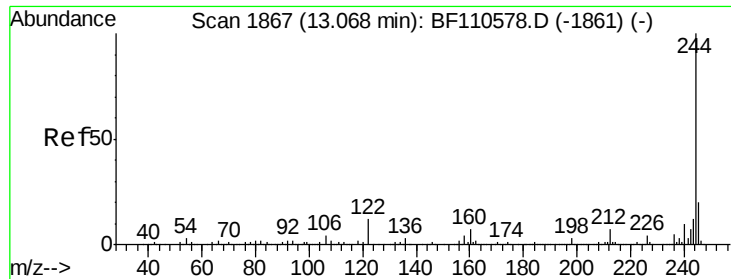
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110687.D
Acq: 12 Nov 2018 21:05

Tgt Ion:240 Resp: 220667
Ion Ratio Lower Upper
240 100
120 11.5 8.3 12.5
236 25.2 21.2 31.8



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: 73.964 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110687.D

Acq: 12 Nov 2018 21:05

Instrument :

BNA_F

ClientSampleId :

PN-STONE

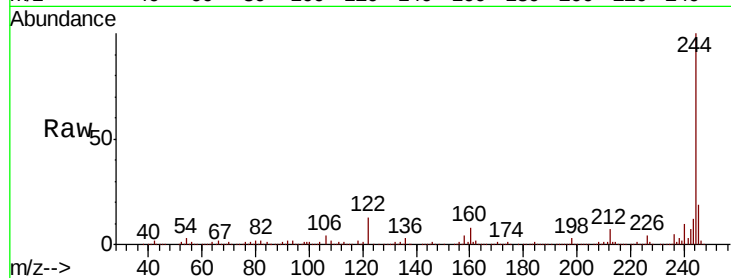
Tgt Ion:244 Resp: 871516

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

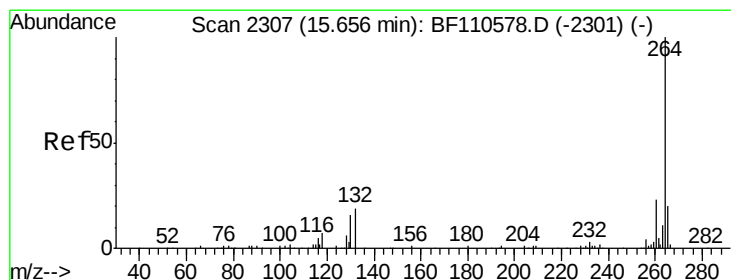
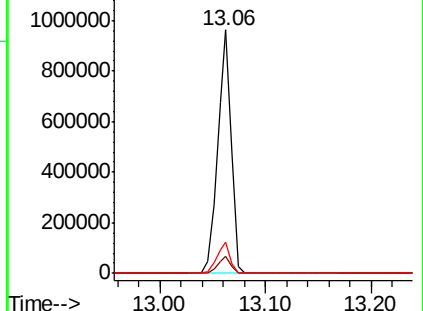
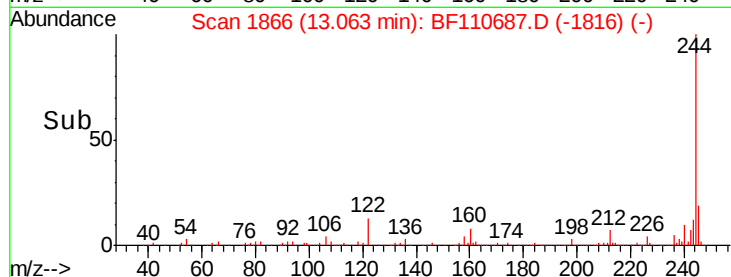
122 12.7 8.7 13.1



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: 15.65 min Scan# 2306

Delta R.T. -0.01 min

Lab File: BF110687.D

Acq: 12 Nov 2018 21:05

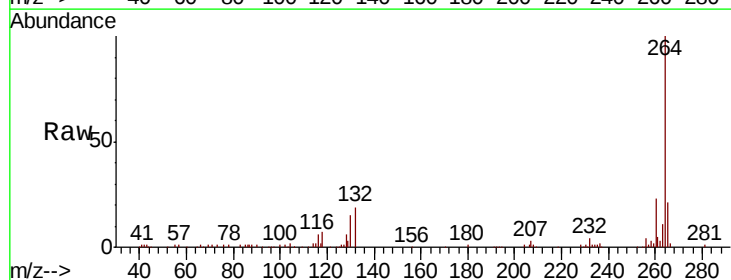
Tgt Ion:264 Resp: 162057

Ion Ratio Lower Upper

264 100

260 22.8 18.7 28.1

265 20.7 16.7 25.1



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

