

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
 Data File : BF110904.D
 Acq On : 20 Nov 2018 19:45
 Operator : JU/SJ
 Sample : J5996-25 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 AOC1-06-A

Quant Time: Nov 21 04:22:06 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 13 12:43:10 2018
 Response via : Initial Calibration

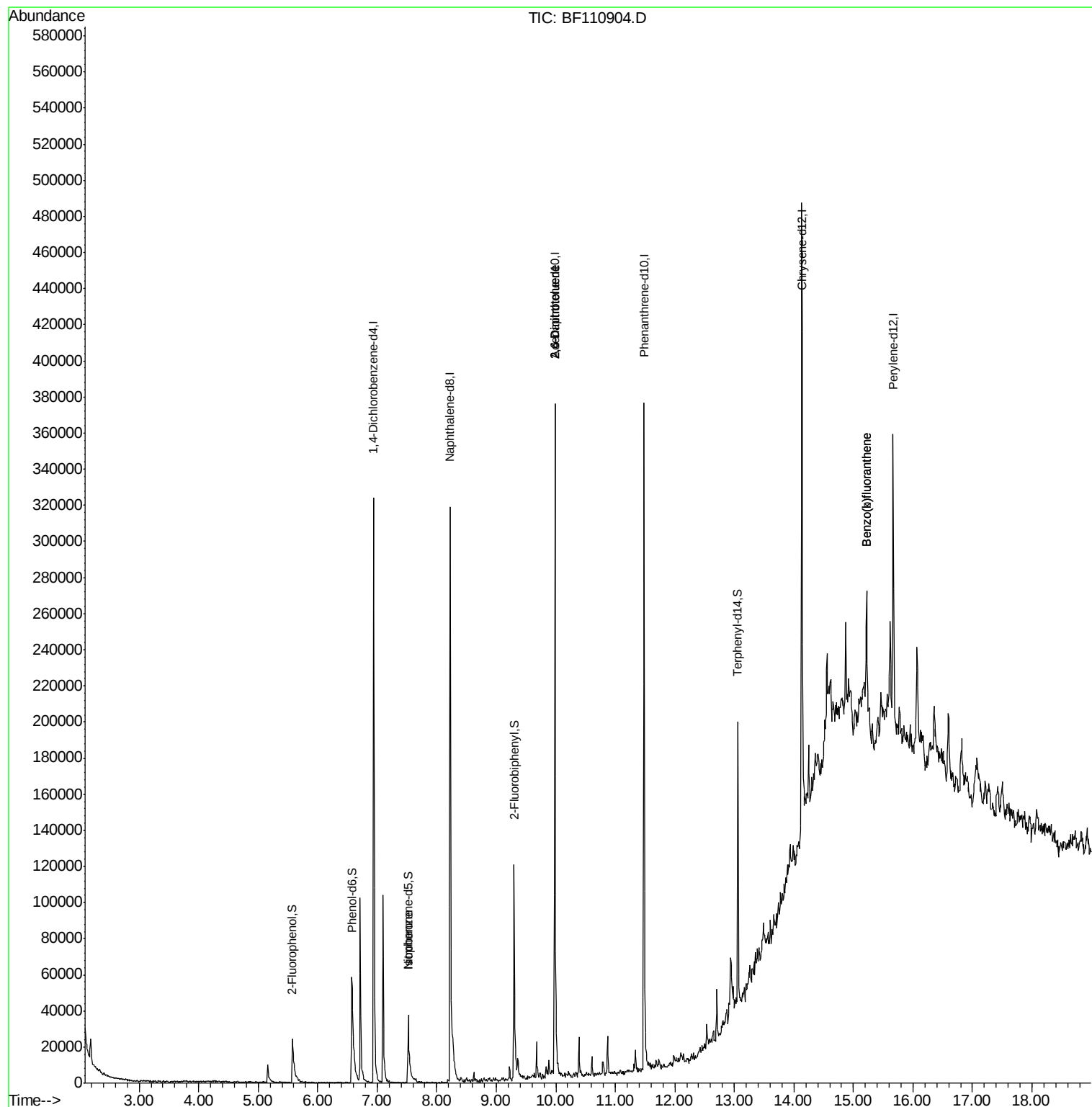
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56412	20.00	ng	0.00
21) Naphthalene-d8	8.23	136	229101	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	91704	20.00	ng	0.00
64) Phenanthrene-d10	11.48	188	161064	20.00	ng	0.00
76) Chrysene-d12	14.13	240	123667	20.00	ng	0.00
87) Perylene-d12	15.67	264	85678	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	21011	6.05	ng	0.01
7) Phenol-d6	6.57	99	48462	10.91	ng	0.00
23) Nitrobenzene-d5	7.52	82	25443	6.40	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	1635	1.77	ng	0.00
45) 2-Fluorobiphenyl	9.30	172	59890	9.33	ng	0.00
79) Terphenyl-d14	13.06	244	55394	8.39	ng	0.00
Target Compounds						
9) Benzaldehyde	6.72	77	588	Below Cal	Qvalue	# 76
25) Isophorone	7.52	82	25443	3.902 ng	#	67
51) 2,6-Dinitrotoluene	9.98	165	11429	7.593 ng	#	21
57) 2,4-Dinitrotoluene	9.98	165	11429	5.840 ng	#	17
88) Benzo(b)fluoranthene	15.22	252	10274	2.004 ng	#	55
89) Benzo(k)fluoranthene	15.22	252	10274	2.029 ng	#	55

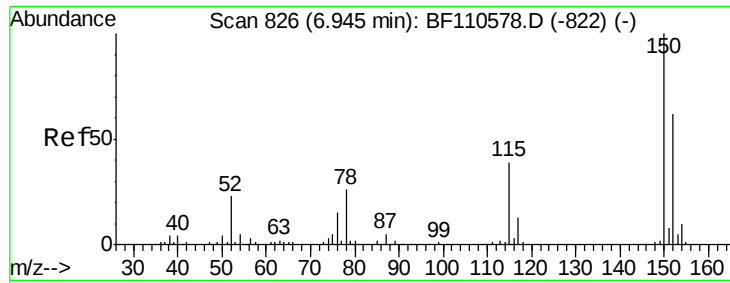
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF112018\
Data File : BF110904.D
Acq On : 20 Nov 2018 19:45
Operator : JU/SJ
Sample : J5996-25 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Quant Time: Nov 21 04:22:06 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

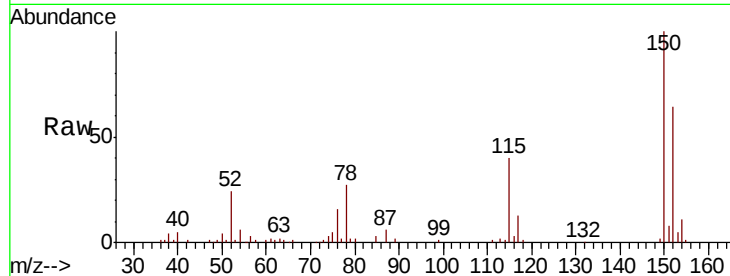




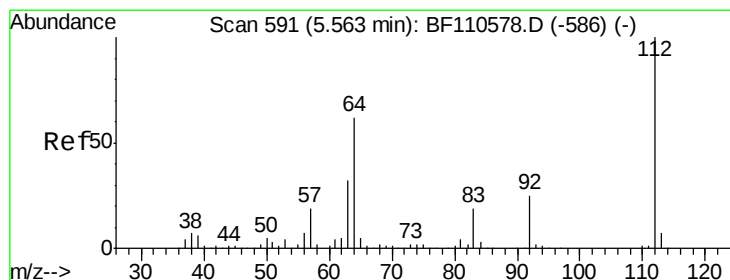
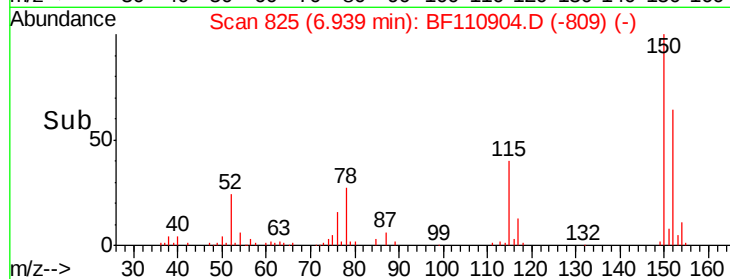
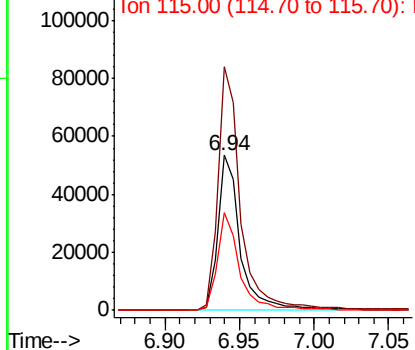
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110904.D
 Acq: 20 Nov 2018 19:45

Instrument :
 BNA_F
 ClientSampled :
 AOC1-06-A

Tgt Ion:152 Resp: 56412
 Ion Ratio Lower Upper
 152 100
 150 157.4 122.7 184.1
 115 63.4 49.1 73.7

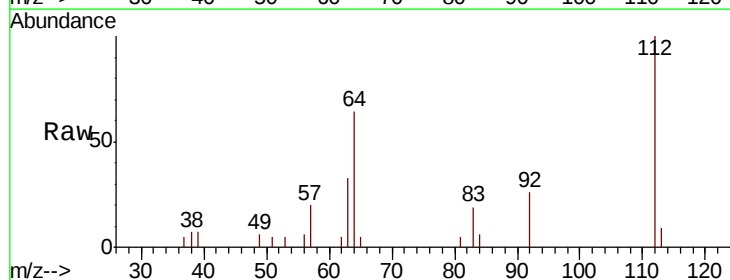


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

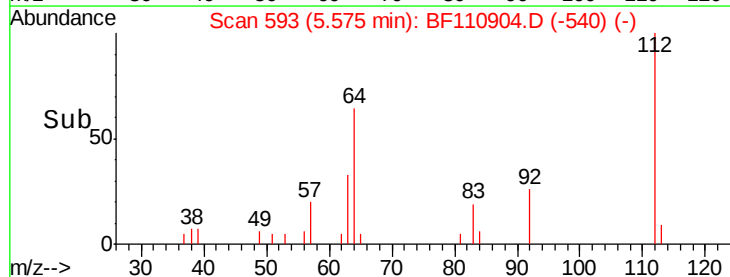
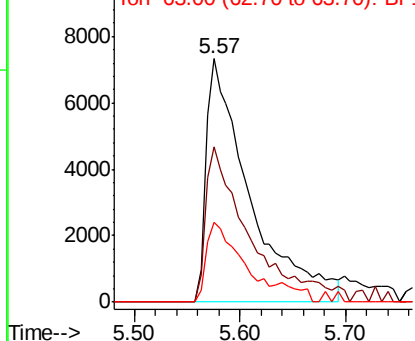


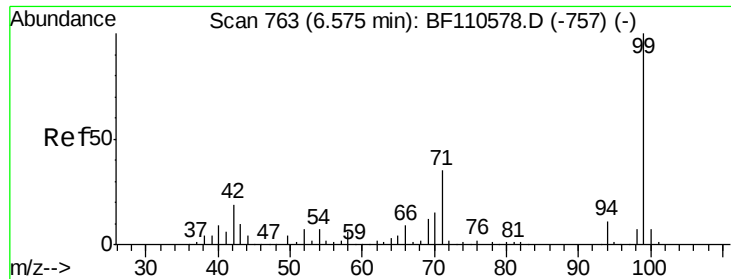
#5
 2-Fluorophenol
 Concen: 6.050 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.01 min
 Lab File: BF110904.D
 Acq: 20 Nov 2018 19:45

Tgt Ion:112 Resp: 21011
 Ion Ratio Lower Upper
 112 100
 64 63.5 44.1 66.1
 63 32.8 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: 10.912 ng

RT: 6.57 min Scan# 763

Delta R.T. 0.00 min

Lab File: BF110904.D

Acq: 20 Nov 2018 19:45

Instrument :

BNA_F

ClientSampled :

AOC1-06-A

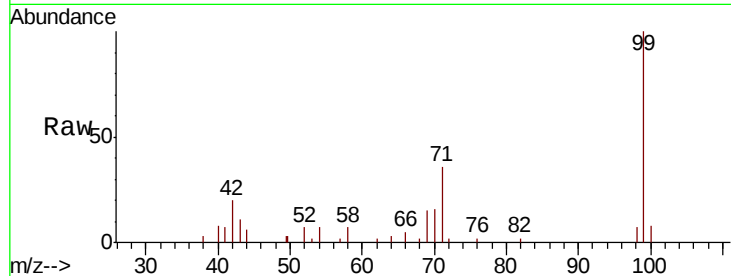
Tgt Ion: 99 Resp: 48462

Ion Ratio Lower Upper

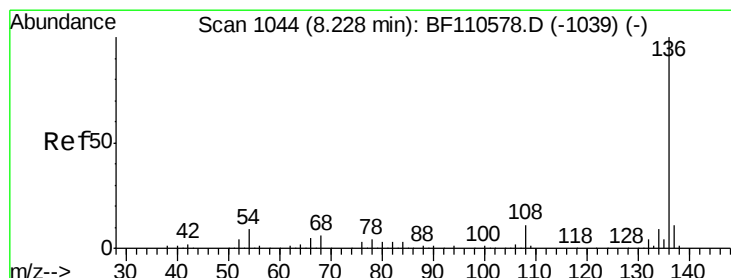
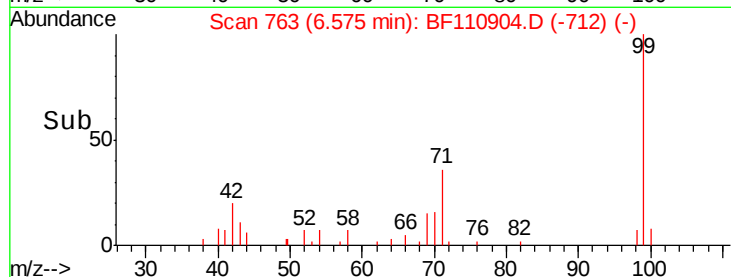
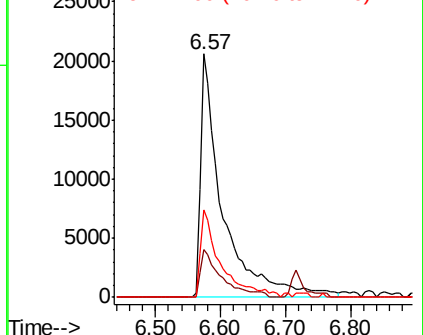
99 100

42 19.7 15.8 23.6

71 36.1 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.23 min Scan# 1044

Delta R.T. 0.00 min

Lab File: BF110904.D

Acq: 20 Nov 2018 19:45

Tgt Ion: 136 Resp: 229101

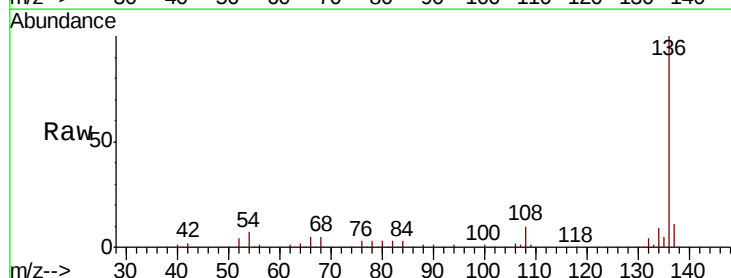
Ion Ratio Lower Upper

136 100

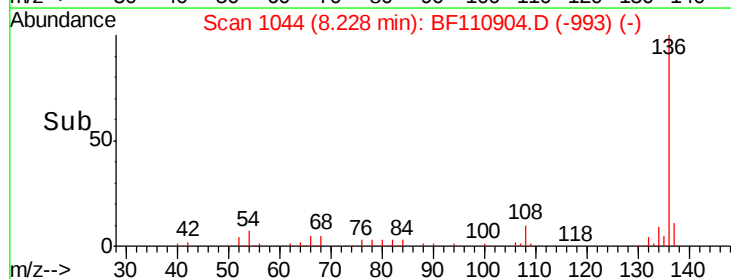
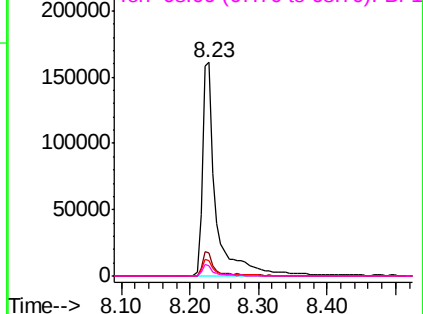
137 10.8 8.8 13.2

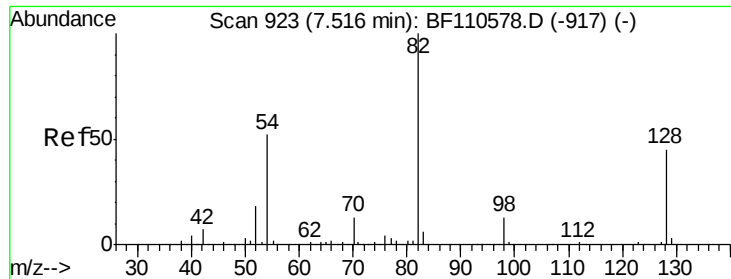
54 7.2 5.4 8.2

68 5.0 4.2 6.2



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

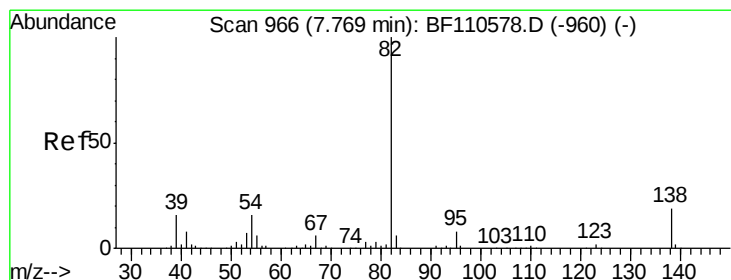
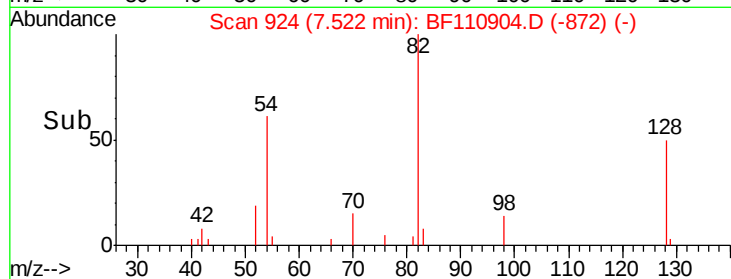
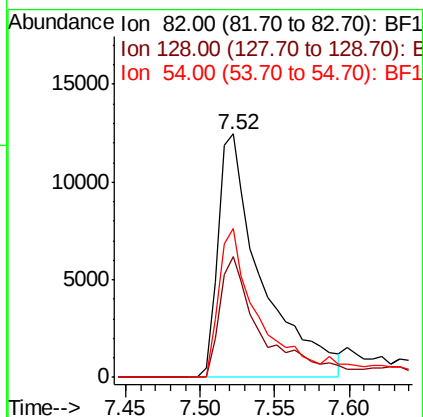
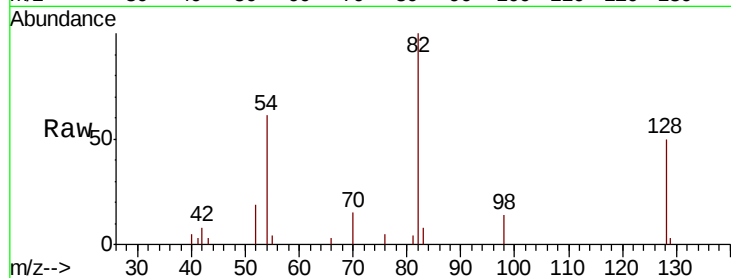




#23
Nitrobenzene-d5
Concen: 6.396 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.01 min
Lab File: BF110904.D
Acq: 20 Nov 2018 19:45

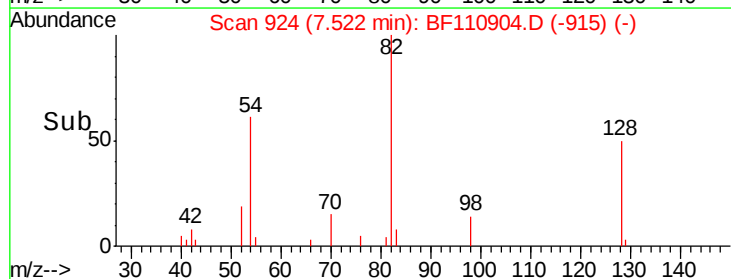
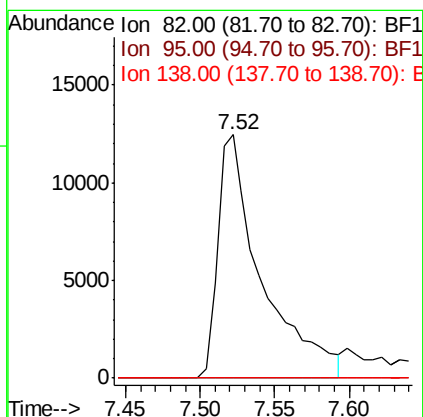
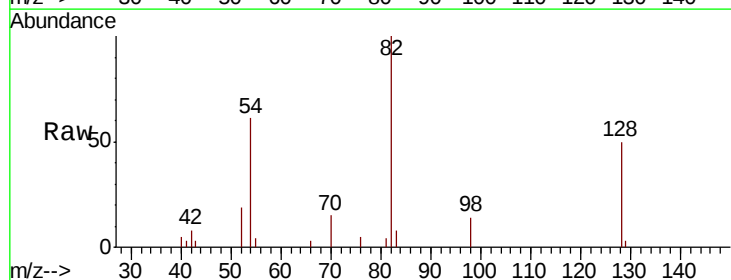
Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

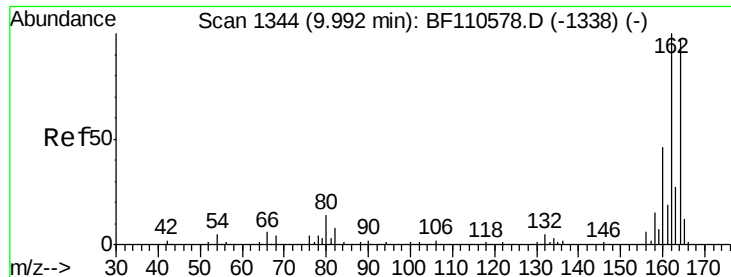
Tgt Ion: 82 Resp: 25443
Ion Ratio Lower Upper
82 100
128 49.8 34.2 51.2
54 61.3 38.6 58.0#



#25
Isophorone
Concen: 3.902 ng
RT: 7.52 min Scan# 924
Delta R.T. -0.25 min
Lab File: BF110904.D
Acq: 20 Nov 2018 19:45

Tgt Ion: 82 Resp: 25443
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 13.2 19.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.99 min Scan# 1343

Delta R.T. -0.01 min

Lab File: BF110904.D

Acq: 20 Nov 2018 19:45

Instrument :

BNA_F

ClientSampleId :

AOC1-06-A

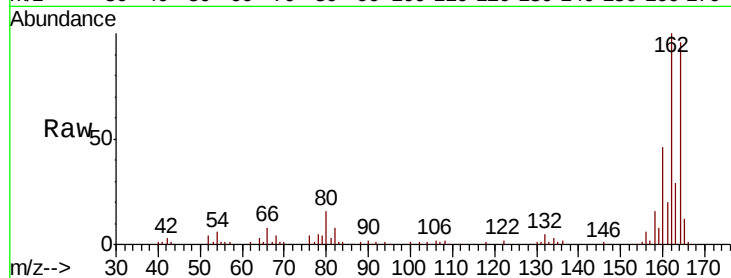
Tgt Ion:164 Resp: 91704

Ion Ratio Lower Upper

164 100

162 104.3 83.0 124.6

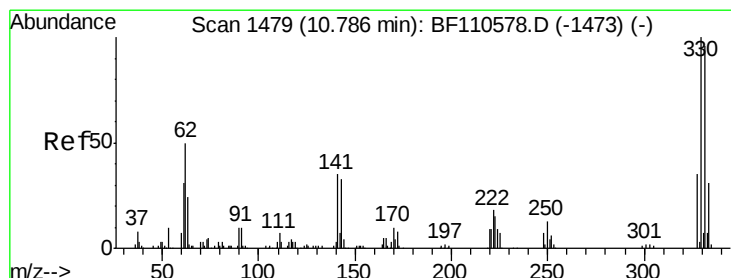
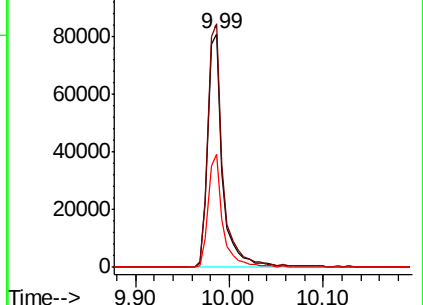
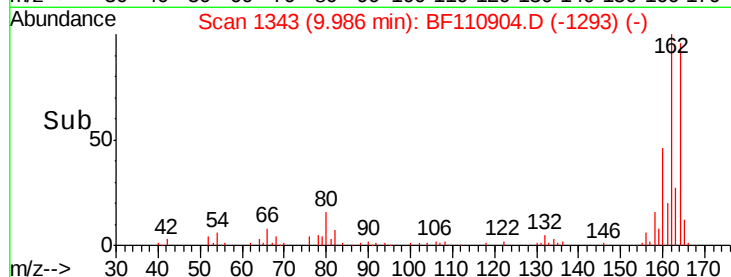
160 48.4 37.0 55.6



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: 1.769 ng

RT: 10.79 min Scan# 1480

Delta R.T. 0.01 min

Lab File: BF110904.D

Acq: 20 Nov 2018 19:45

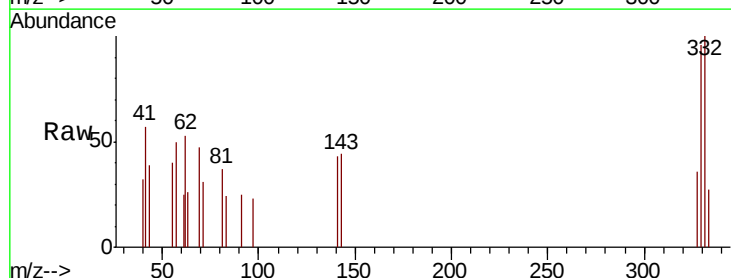
Tgt Ion:330 Resp: 1635

Ion Ratio Lower Upper

330 100

332 105.5 77.1 115.7

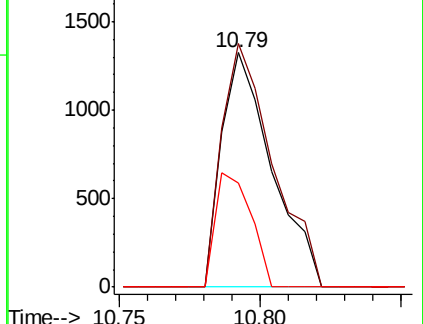
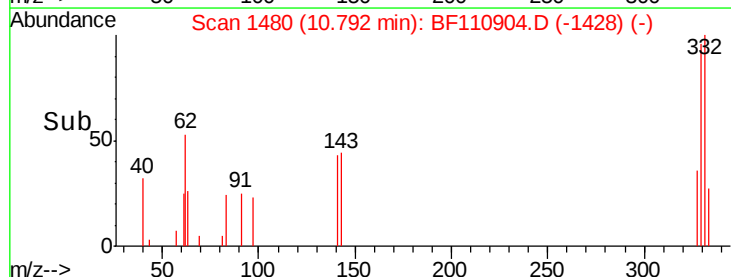
141 34.4 27.0 40.4

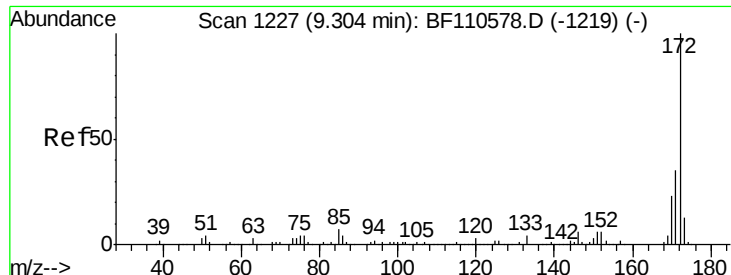


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

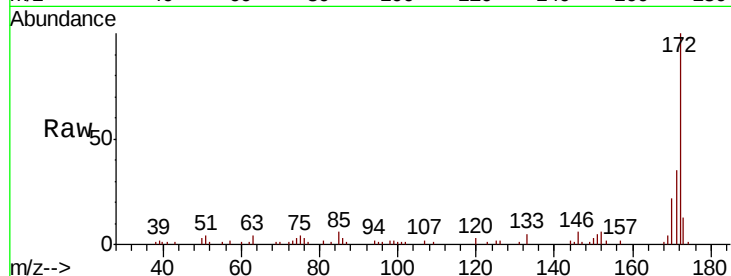




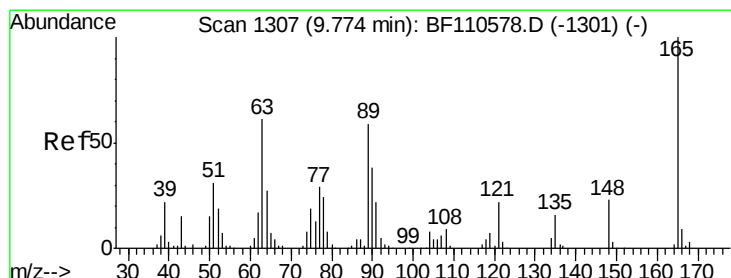
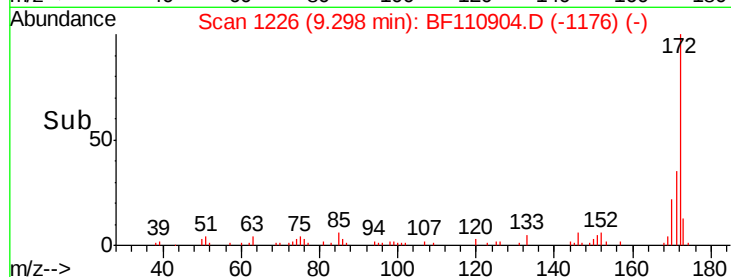
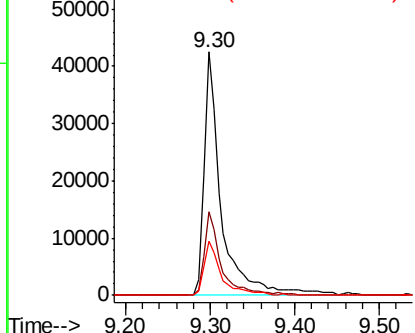
#45
2-Fluorobiphenyl
Concen: 9.327 ng
RT: 9.30 min Scan# 1226
Delta R.T. -0.01 min
Lab File: BF110904.D
Acq: 20 Nov 2018 19:45

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Tgt Ion:172 Resp: 59890
Ion Ratio Lower Upper
172 100
171 34.6 28.6 43.0
170 22.4 19.7 29.5

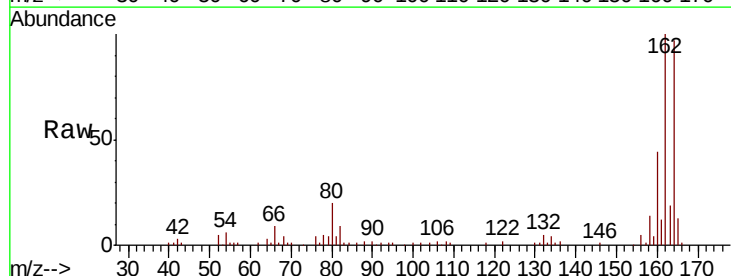


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

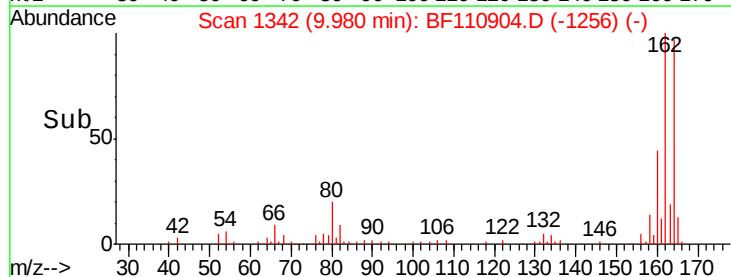
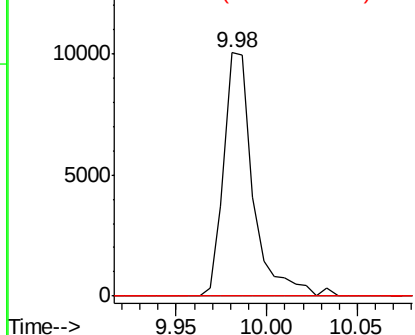


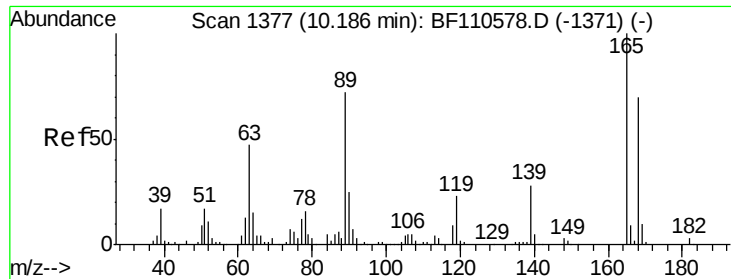
#51
2,6-Dinitrotoluene
Concen: 7.593 ng
RT: 9.98 min Scan# 1342
Delta R.T. 0.21 min
Lab File: BF110904.D
Acq: 20 Nov 2018 19:45

Tgt Ion:165 Resp: 11429
Ion Ratio Lower Upper
165 100
63 0.0 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

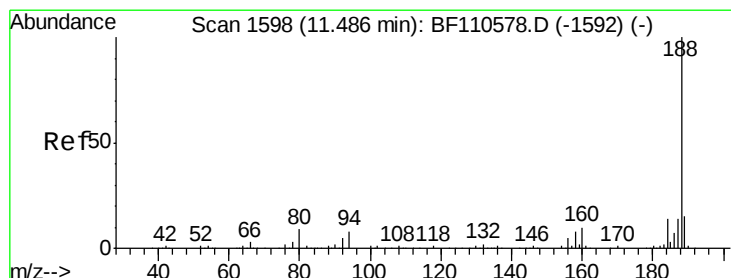
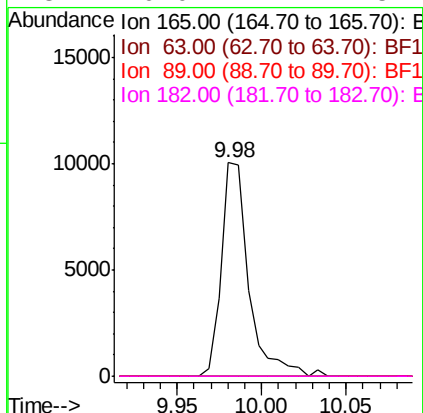
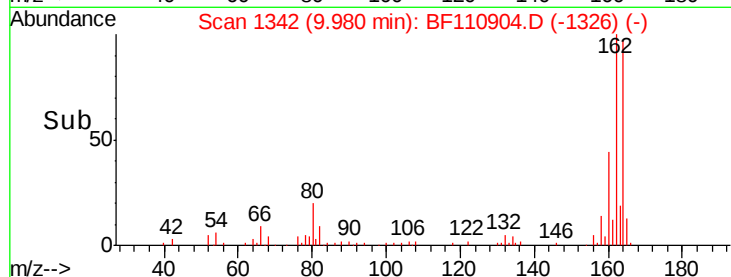
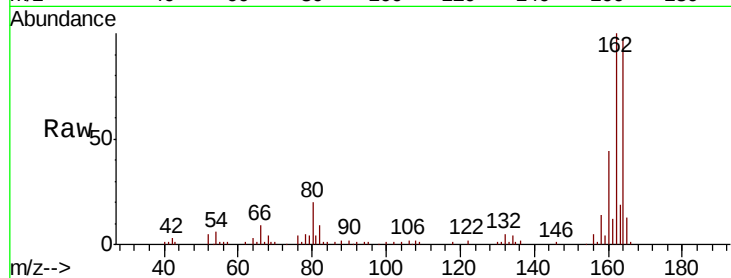




#57
 2,4-Dinitrotoluene
 Concen: 5.840 ng
 RT: 9.98 min Scan# 1342
 Delta R.T. -0.21 min
 Lab File: BF110904.D
 Acq: 20 Nov 2018 19:45

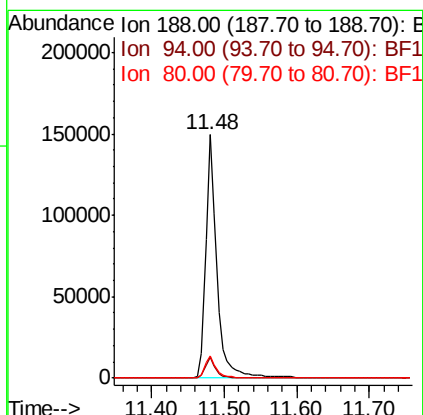
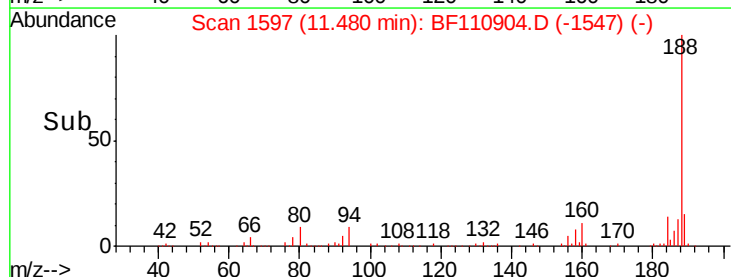
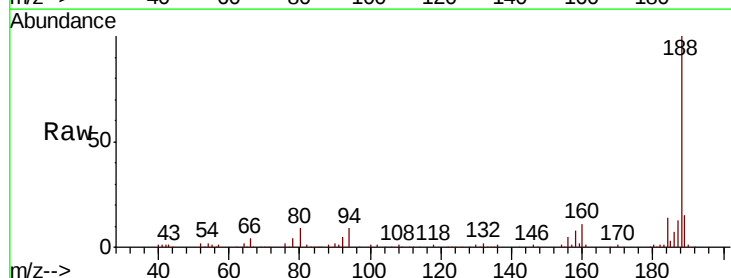
Instrument :
 BNA_F
 ClientSampleId :
 AOC1-06-A

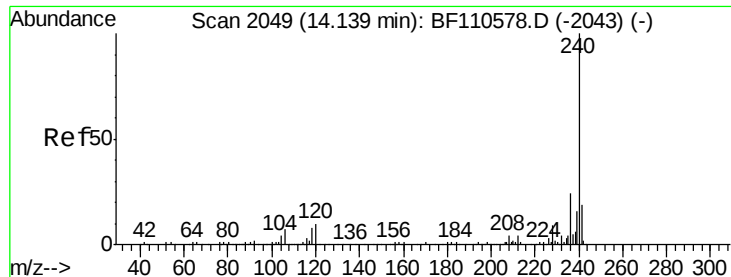
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	44.8	67.2#
89	0.0	62.2	93.4#
182	0.0	2.1	3.1#



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.48 min Scan# 1597
 Delta R.T. -0.01 min
 Lab File: BF110904.D
 Acq: 20 Nov 2018 19:45

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.5	7.2	10.8
80	9.0	7.9	11.9





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110904.D

Acq: 20 Nov 2018 19:45

Instrument :

BNA_F

ClientSampleId :

AOC1-06-A

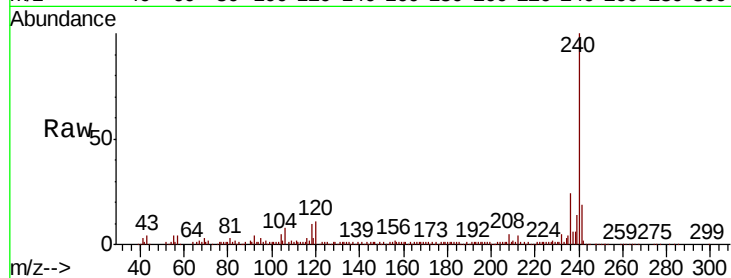
Tgt Ion:240 Resp: 123667

Ion Ratio Lower Upper

240 100

120 10.6 8.3 12.5

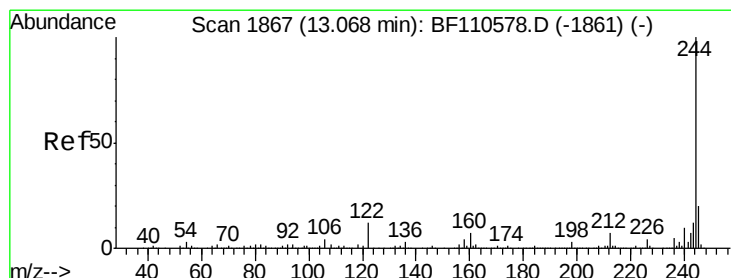
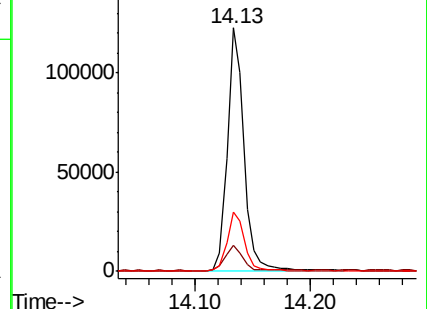
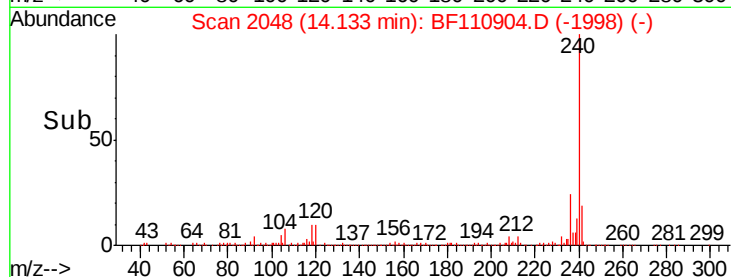
236 24.3 21.2 31.8



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: 8.389 ng

RT: 13.06 min Scan# 1866

Delta R.T. -0.01 min

Lab File: BF110904.D

Acq: 20 Nov 2018 19:45

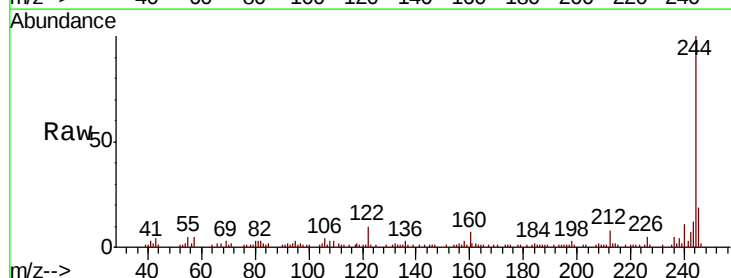
Tgt Ion:244 Resp: 55394

Ion Ratio Lower Upper

244 100

212 7.6 5.8 8.8

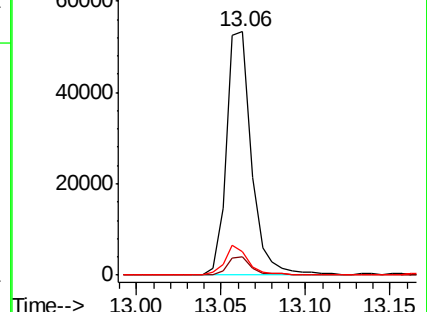
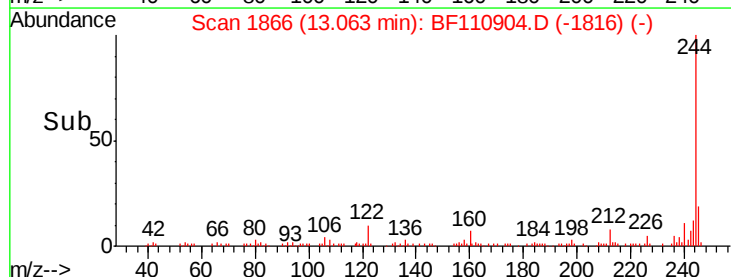
122 9.6 8.7 13.1

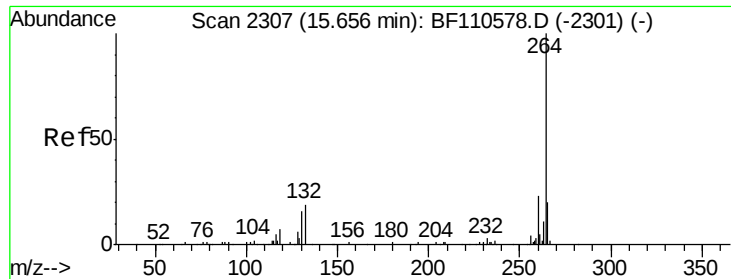


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

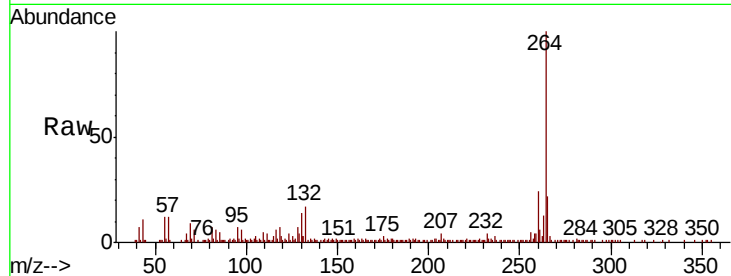




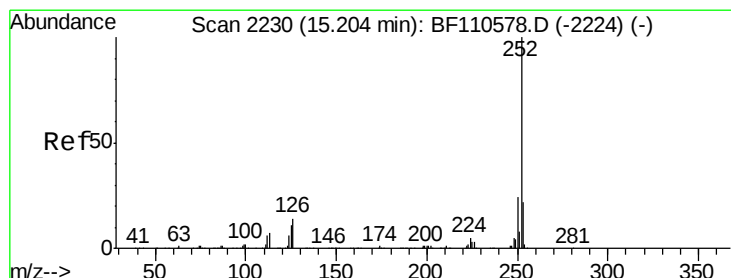
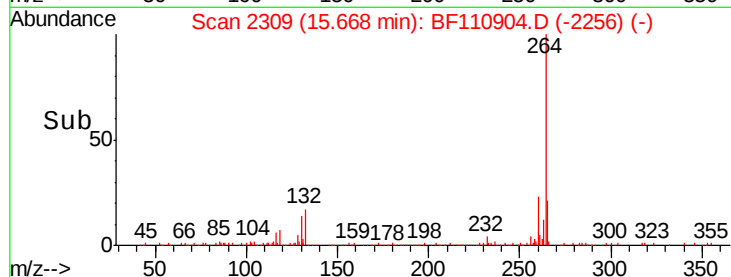
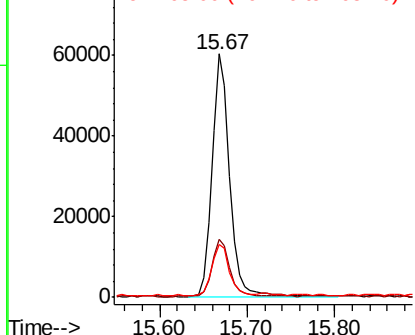
#87
Perylene-d12
Concen: 20.000 ng
RT: 15.67 min Scan# 2309
Delta R.T. 0.01 min
Lab File: BF110904.D
Acq: 20 Nov 2018 19:45

Instrument :
BNA_F
ClientSampleId :
AOC1-06-A

Tgt Ion:264 Resp: 85678
Ion Ratio Lower Upper
264 100
260 23.9 18.7 28.1
265 21.8 16.7 25.1

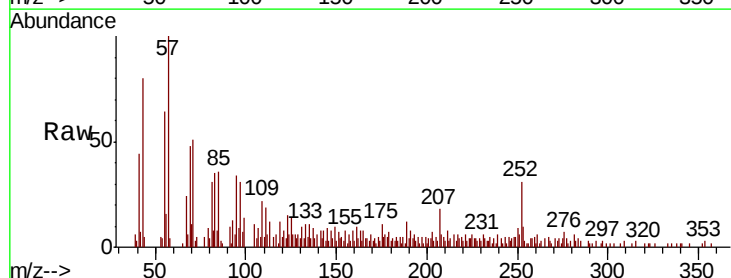


Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E

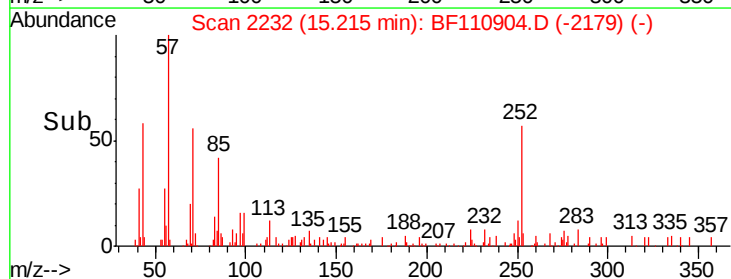
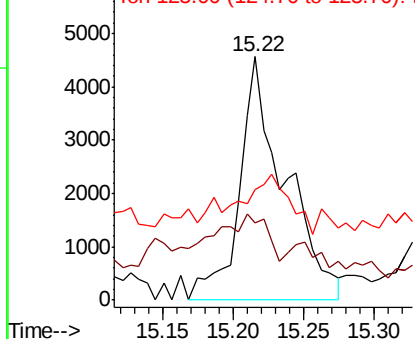


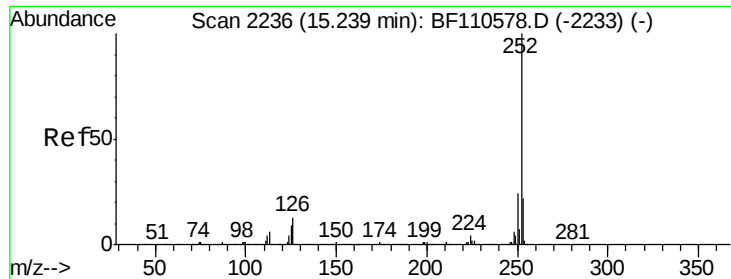
#88
Benzo(b)fluoranthene
Concen: 2.004 ng
RT: 15.22 min Scan# 2232
Delta R.T. 0.01 min
Lab File: BF110904.D
Acq: 20 Nov 2018 19:45

Tgt Ion:252 Resp: 10274
Ion Ratio Lower Upper
252 100
253 31.6 17.2 25.8#
125 45.3 8.2 12.4#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 2.029 ng

RT: 15.22 min Scan# 2232

Delta R.T. -0.02 min

Lab File: BF110904.D

Acq: 20 Nov 2018 19:45

Instrument :

BNA_F

ClientSampleId :

AOC1-06-A

Tgt Ion: 252 Resp: 10274

Ion Ratio Lower Upper

252 100

253 31.6 17.2 25.8#

125 45.3 7.4 11.0#

