

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110816.D
 Acq On : 16 Nov 2018 15:03
 Operator : JU/SJ
 Sample : J5939-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 15:33:22 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

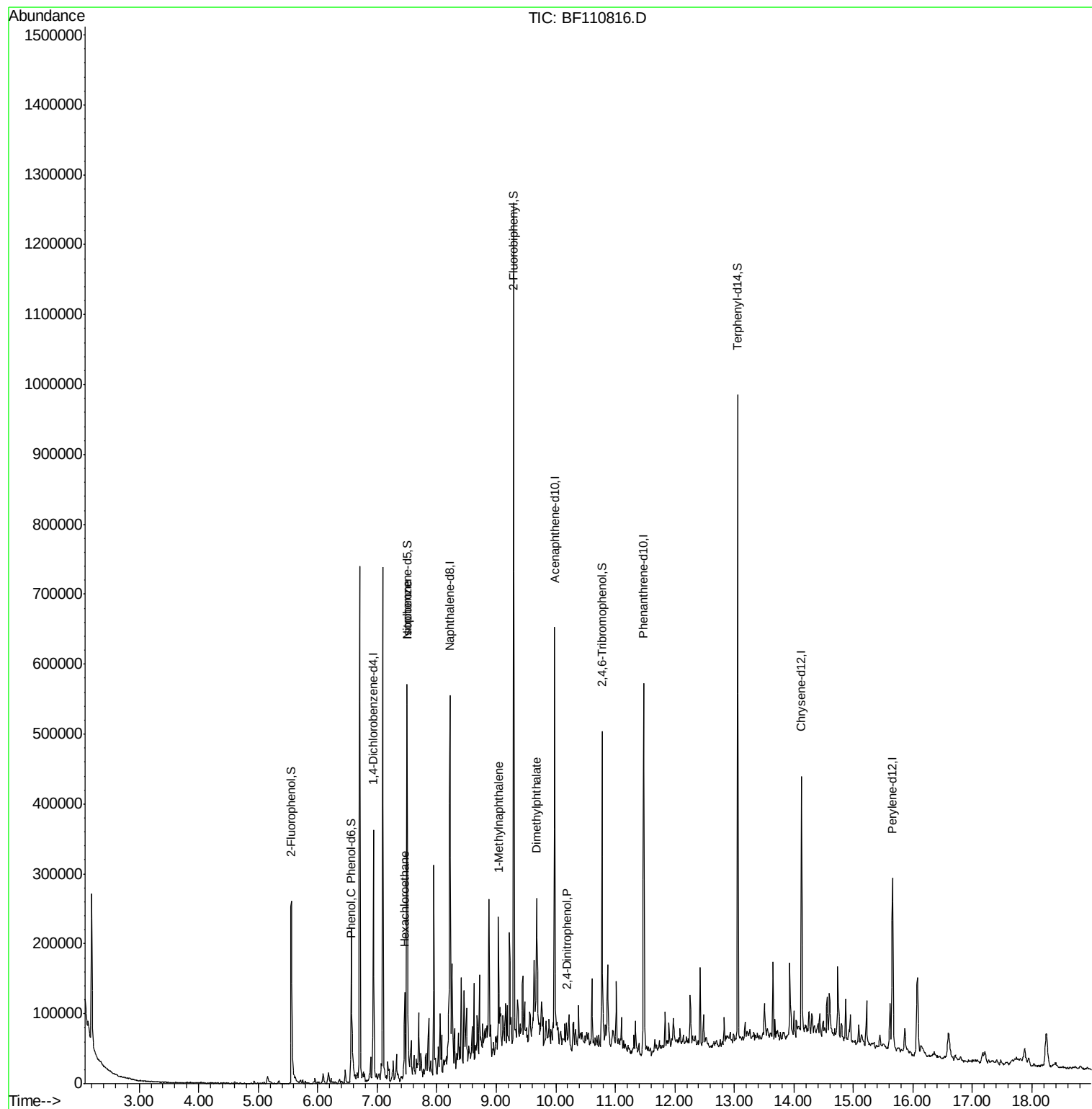
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	54904	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	229504	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	109122	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	203404	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	127746	20.00	ng	-0.01
87) Perylene-d12	15.66	264	129670	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	105868	31.32	ng	0.00
7) Phenol-d6	6.56	99	101317	23.44	ng	-0.01
23) Nitrobenzene-d5	7.50	82	181387	45.52	ng	-0.01
42) 2,4,6-Tribromophenol	10.77	330	52462	47.71	ng	-0.01
45) 2-Fluorobiphenyl	9.29	172	337233	44.14	ng	-0.01
79) Terphenyl-d14	13.06	244	283433	41.55	ng	-0.01
Target Compounds						
10) Phenol	6.57	94	11450	2.285	ng	83
18) Hexachloroethane	7.46	117	7711	4.744	ng	# 1
25) Isophorone	7.50	82	177734	27.211	ng	# 67
38) 1-Methylnaphthalene	9.03	142	20979	3.089	ng	# 98
50) Dimethylphthalate	9.69	163	34068	4.184	ng	98
54) 2,4-Dinitrophenol	10.19	184	349	5.162	ng	# 56

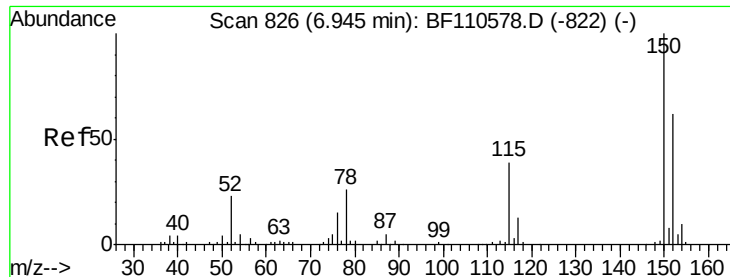
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
Data File : BF110816.D
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Misc :
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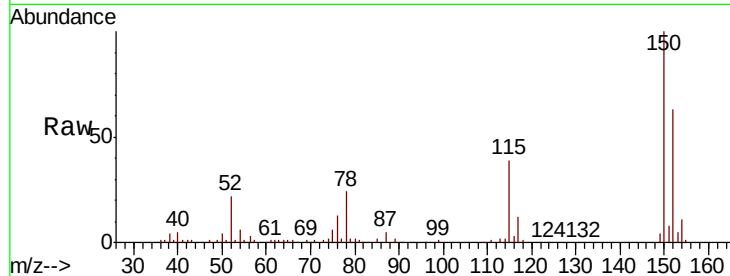




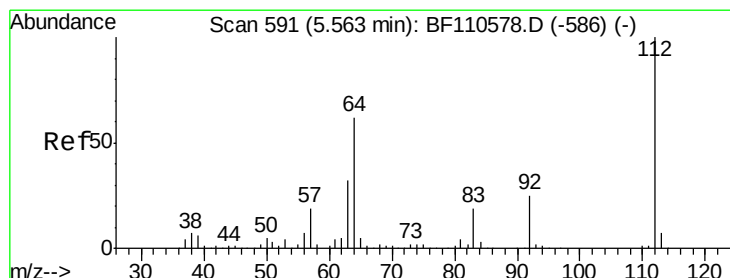
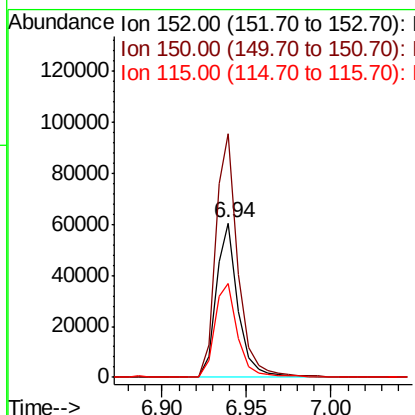
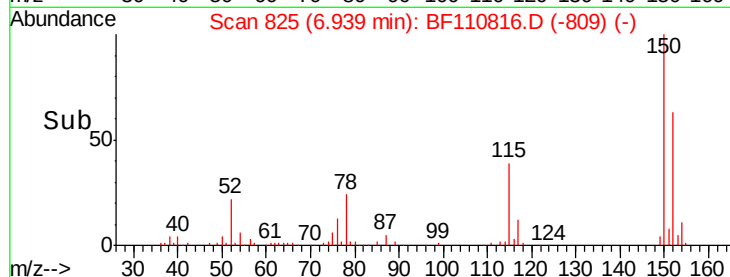
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.94 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF110816.D
 Acq: 16 Nov 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 54904
 Ion Ratio Lower Upper
 152 100
 150 157.9 122.7 184.1
 115 61.1 49.1 73.7

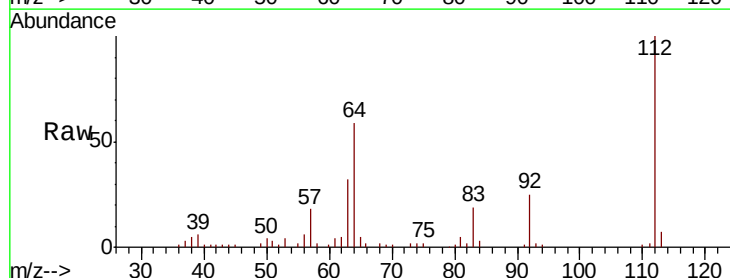


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

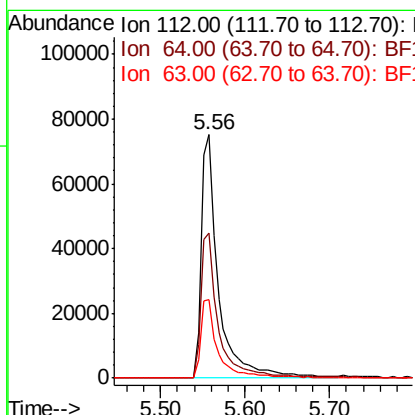
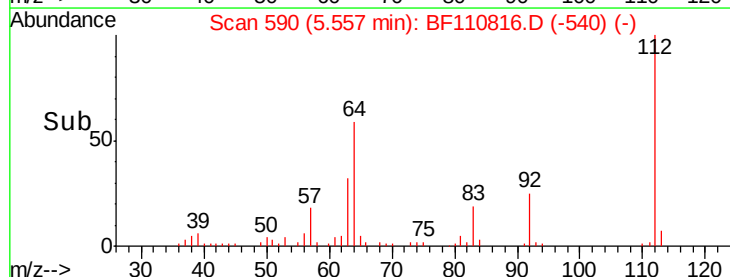


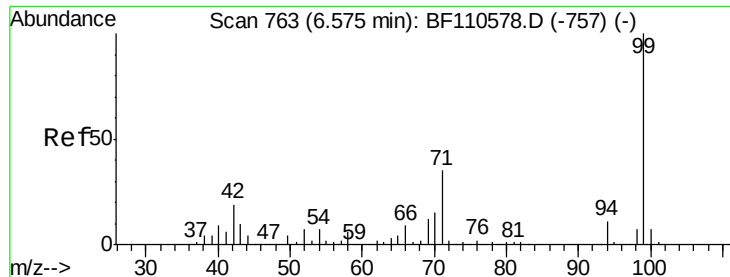
#5
 2-Fluorophenol
 Concen: 31.321 ng
 RT: 5.56 min Scan# 590
 Delta R.T. -0.01 min
 Lab File: BF110816.D
 Acq: 16 Nov 2018 15:03

Tgt Ion:112 Resp: 105868
 Ion Ratio Lower Upper
 112 100
 64 59.4 44.1 66.1
 63 32.2 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: 23.440 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110816.D

Acq: 16 Nov 2018 15:03

Instrument :

BNA_F

ClientSampleId :

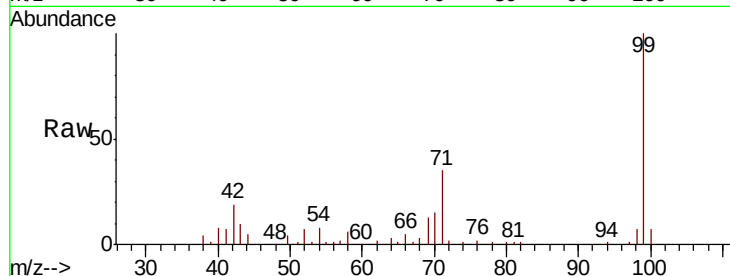
Tot Ion: 99 Resp: 101317

Ion Ratio Lower Upper

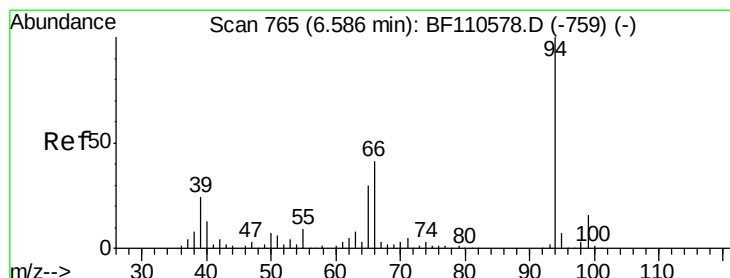
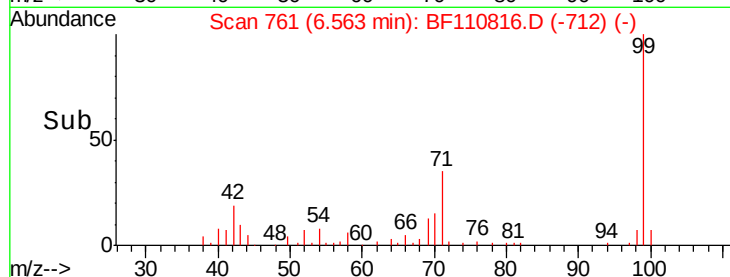
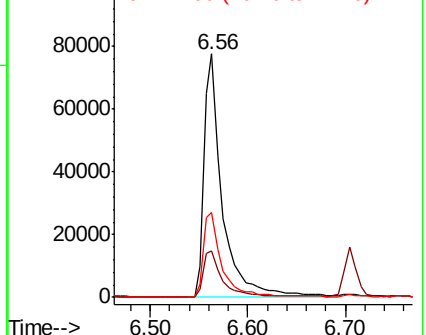
99 100

42 19.3 15.8 23.6

71 35.1 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



#10

Phenol

Concen: 2.285 ng

RT: 6.57 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF110816.D

Acq: 16 Nov 2018 15:03

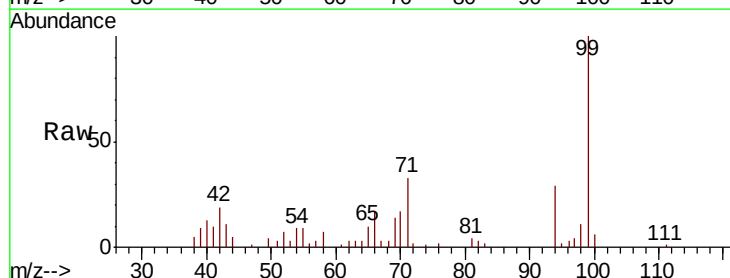
Tgt Ion: 94 Resp: 11450

Ion Ratio Lower Upper

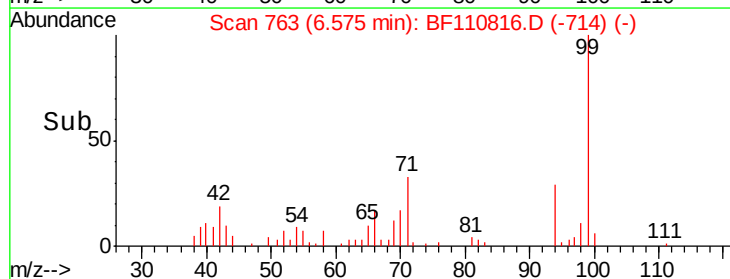
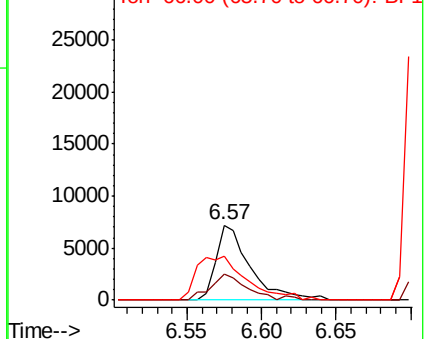
94 100

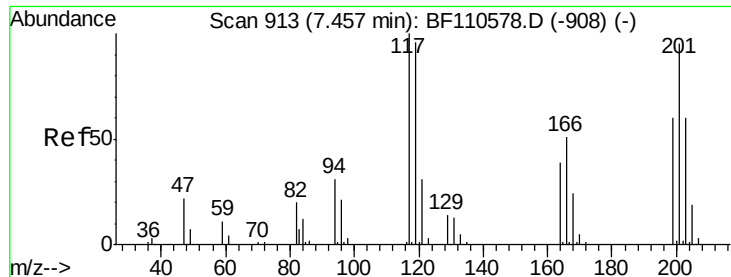
65 35.1 25.3 65.3

66 58.8 54.5 94.5



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

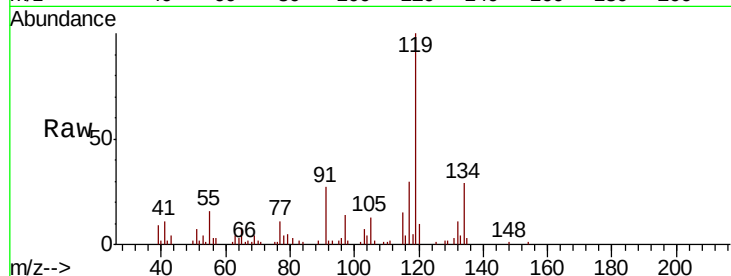




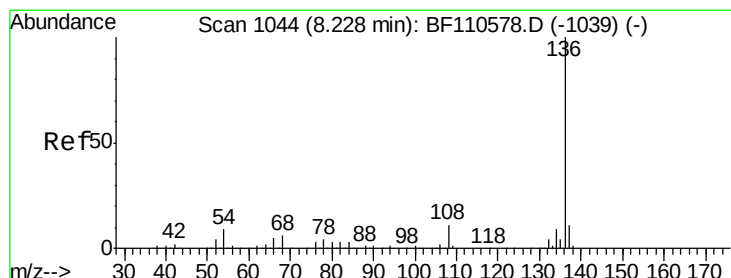
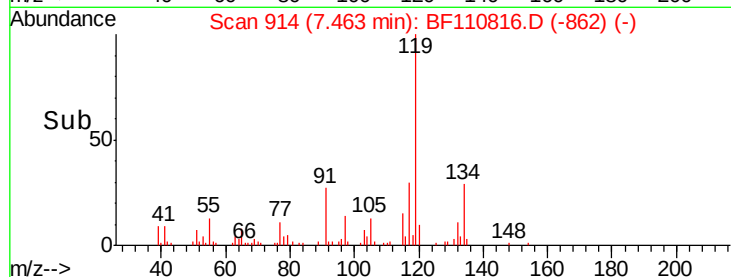
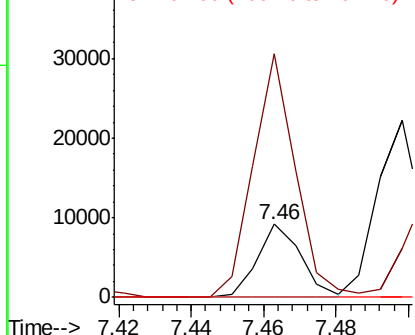
#18
Hexachloroethane
Concen: 4.744 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF110816.D
Acq: 16 Nov 2018 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 7711
Ion Ratio Lower Upper
117 100
119 332.3 75.0 112.6#
201 0.0 79.2 118.8#

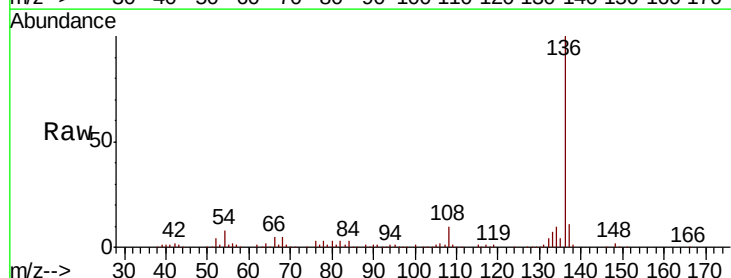


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

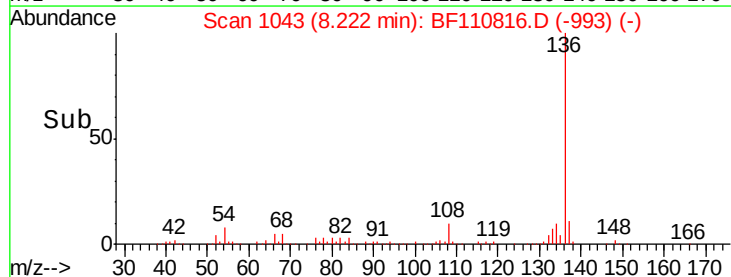
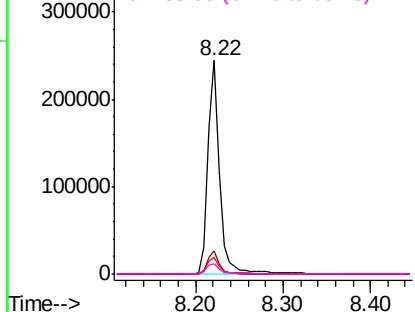


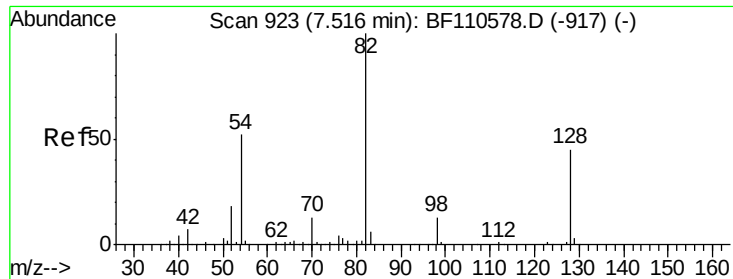
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110816.D
Acq: 16 Nov 2018 15:03

Tgt Ion:136 Resp: 229504
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 7.7 5.4 8.2
68 4.8 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

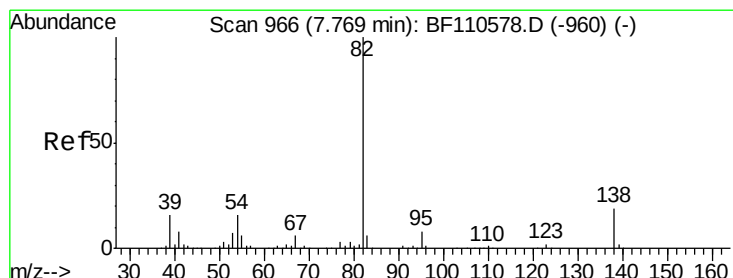
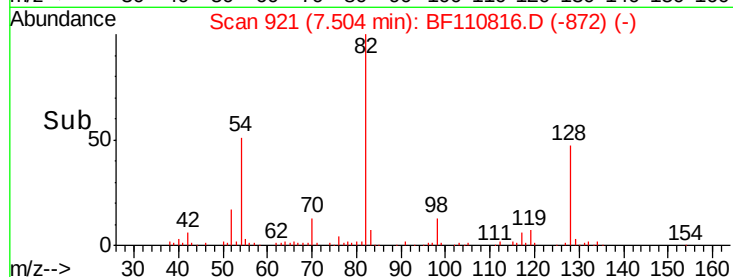
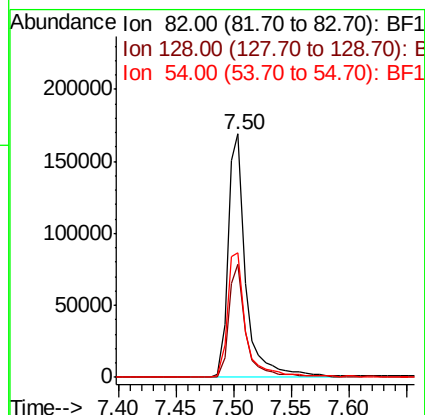
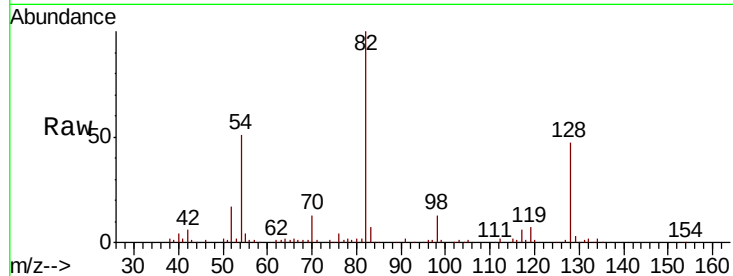




#23
 Nitrobenzene-d5
 Concen: 45.516 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF110816.D
 Acq: 16 Nov 2018 15:03

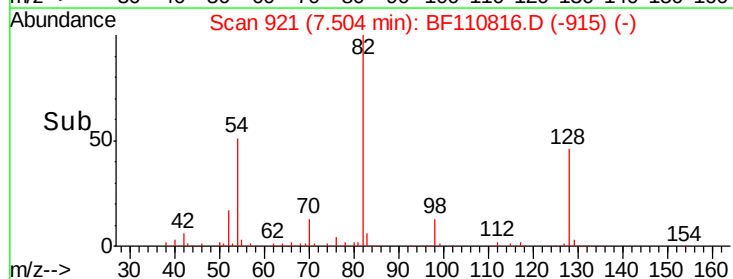
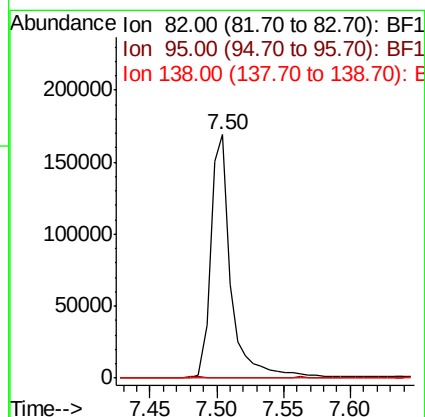
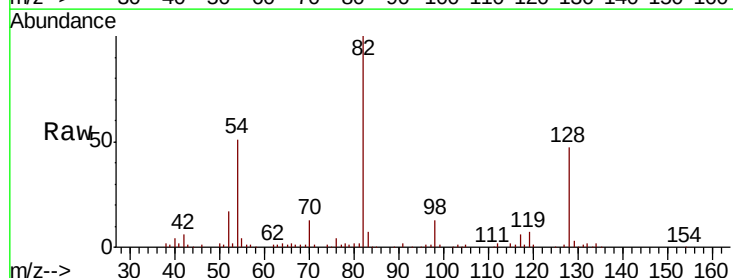
Instrument :
 BNA_F
 ClientSampleId :

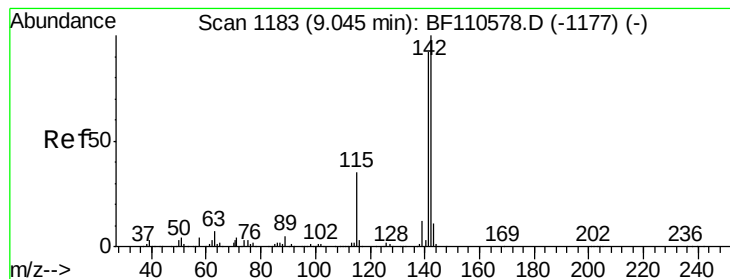
Tot Ion	82	Resp	181387
Ion Ratio	Lower	Upper	
82	100		
128	46.6	34.2	51.2
54	51.3	38.6	58.0



#25
 Isophorone
 Concen: 27.211 ng
 RT: 7.50 min Scan# 921
 Delta R.T. -0.26 min
 Lab File: BF110816.D
 Acq: 16 Nov 2018 15:03

Tgt Ion	82	Resp	177734
Ion Ratio	Lower	Upper	
82	100		
95	0.3	5.7	8.5#
138	0.0	13.2	19.8#





#38

1-Methylnaphthalene

Concen: 3.089 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF110816.D

Acq: 16 Nov 2018 15:03

Instrument :

BNA_F

ClientSampled :

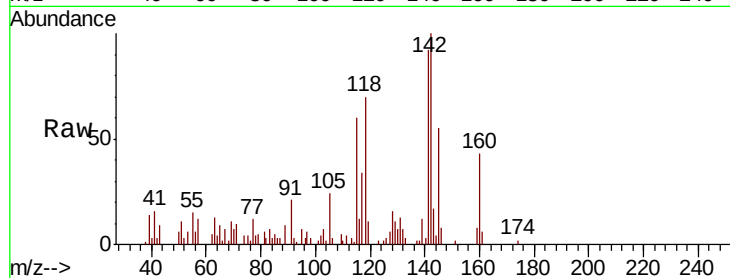
Tot Ion:142 Resp: 20979

Ion Ratio Lower Upper

142 100

141 92.0 74.2 111.4

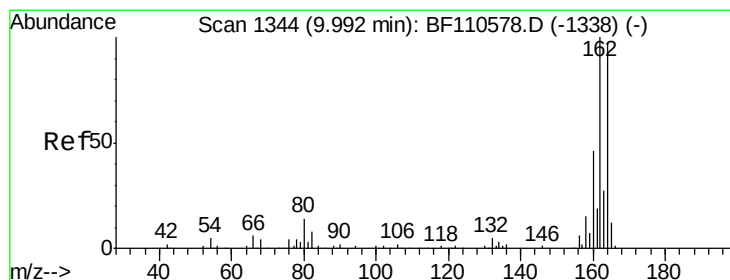
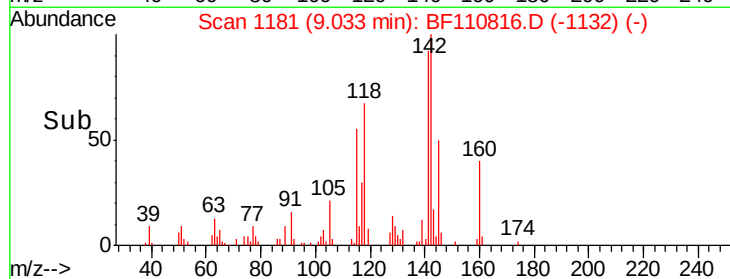
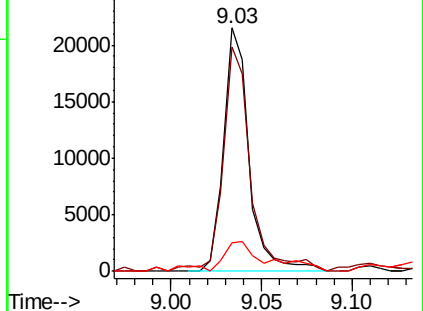
116 11.7 2.6 4.0#



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.98 min Scan# 1342

Delta R.T. -0.01 min

Lab File: BF110816.D

Acq: 16 Nov 2018 15:03

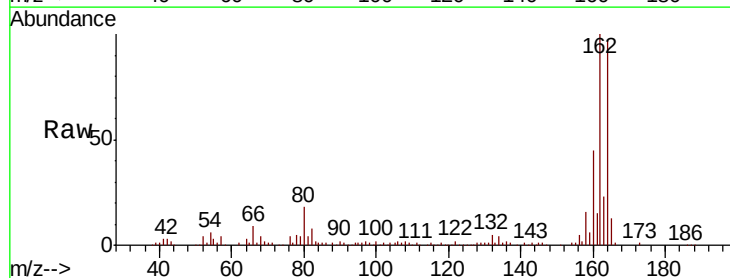
Tgt Ion:164 Resp: 109122

Ion Ratio Lower Upper

164 100

162 103.1 83.0 124.6

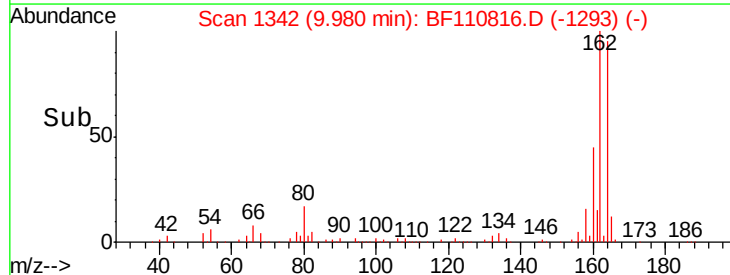
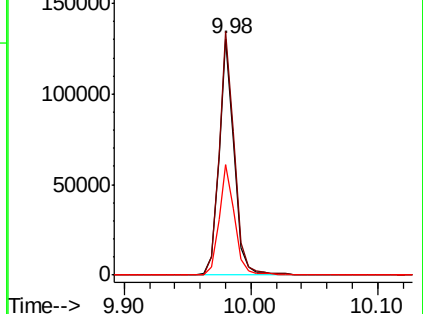
160 46.5 37.0 55.6

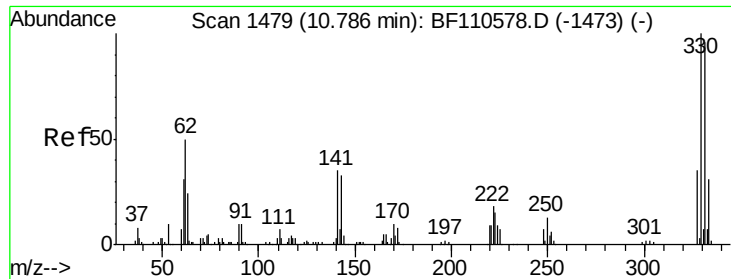


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

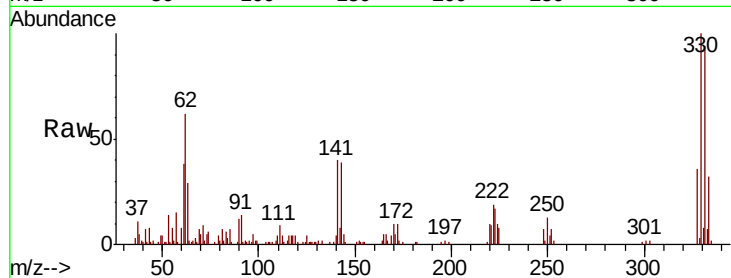




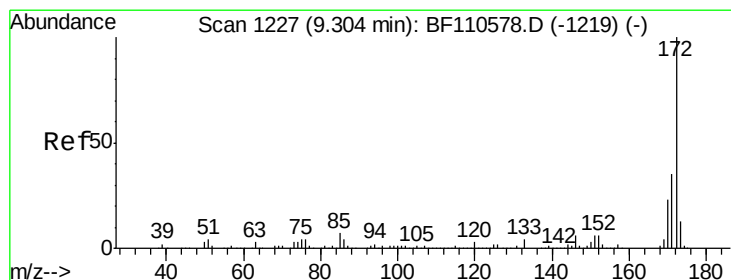
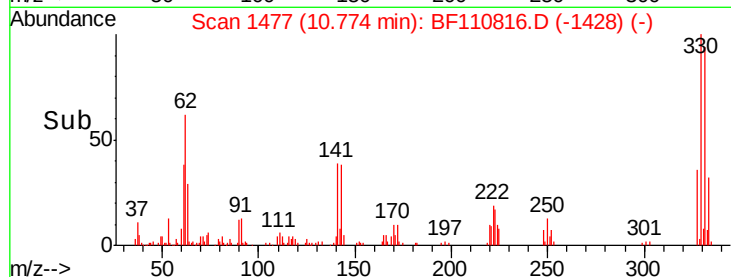
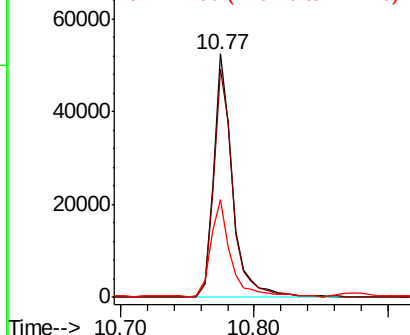
#42
 2,4,6-Tribromophenol
 Concen: 47.713 ng
 RT: 10.77 min Scan# 1477
 Delta R.T. -0.01 min
 Lab File: BF110816.D
 Acq: 16 Nov 2018 15:03

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 52462
 Ion Ratio Lower Upper
 330 100
 332 95.7 77.1 115.7
 141 43.1 27.0 40.4#

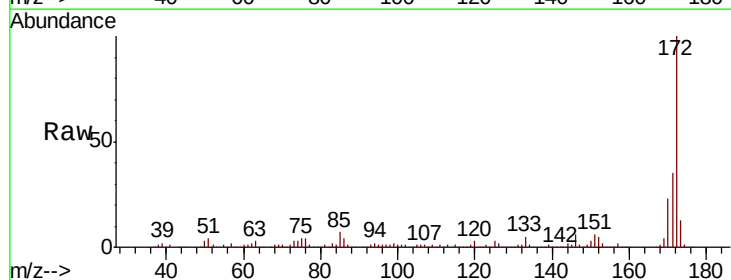


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

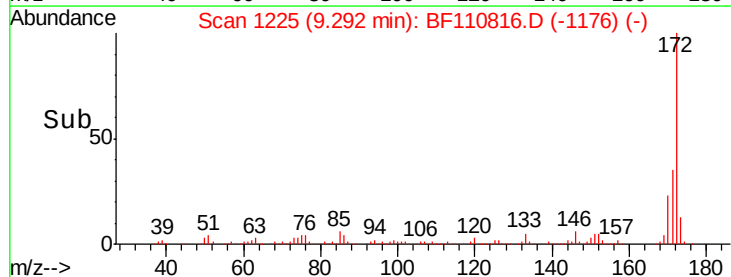
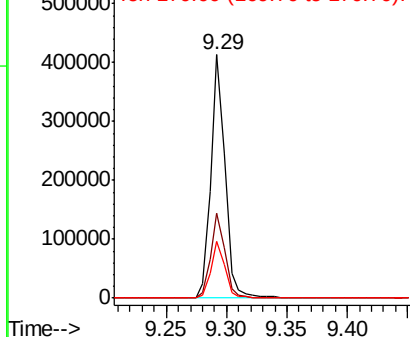


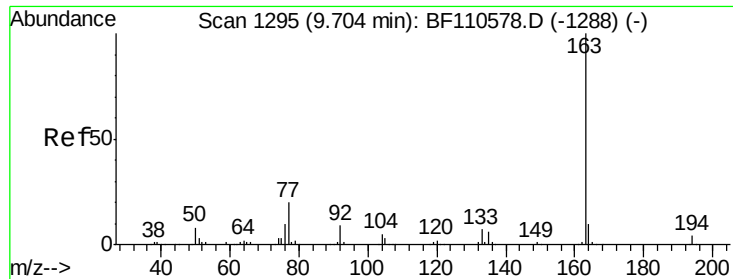
#45
 2-Fluorobiphenyl
 Concen: 44.137 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110816.D
 Acq: 16 Nov 2018 15:03

Tgt Ion:172 Resp: 337233
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.6 43.0
 170 23.5 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

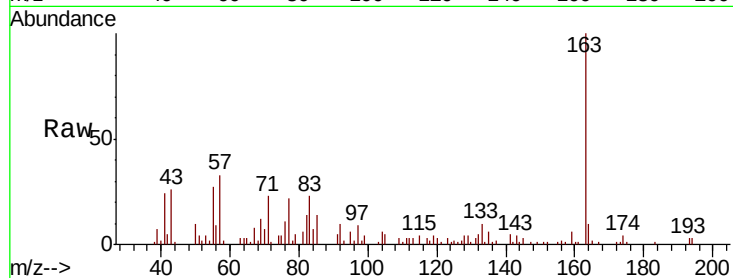




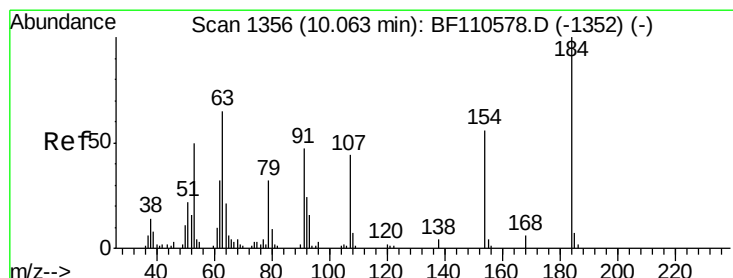
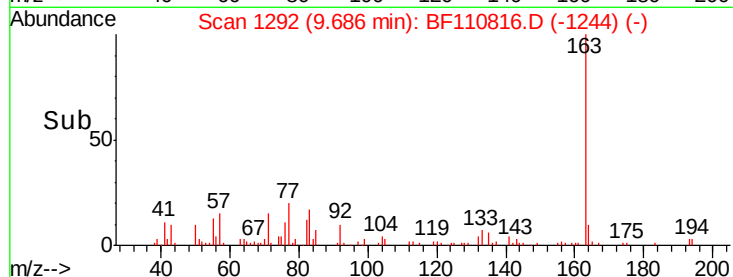
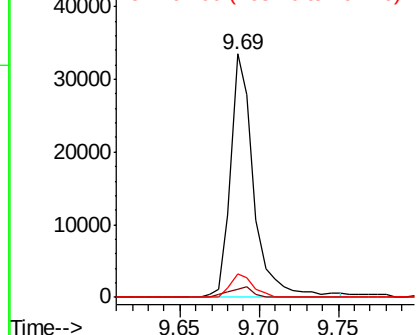
#50
Dimethylphthalate
Concen: 4.184 ng
RT: 9.69 min Scan# 1292
Delta R.T. -0.02 min
Lab File: BF110816.D
Acq: 16 Nov 2018 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 34068
Ion Ratio Lower Upper
163 100
194 3.2 3.2 4.8
164 9.6 8.1 12.1

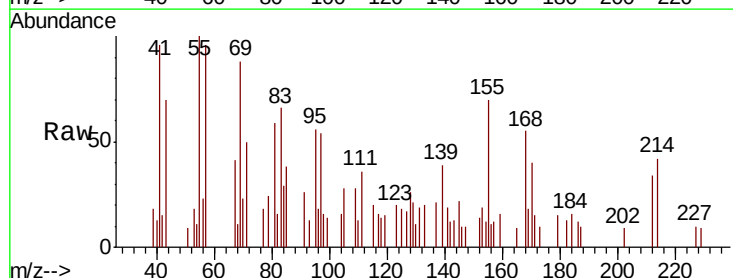


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

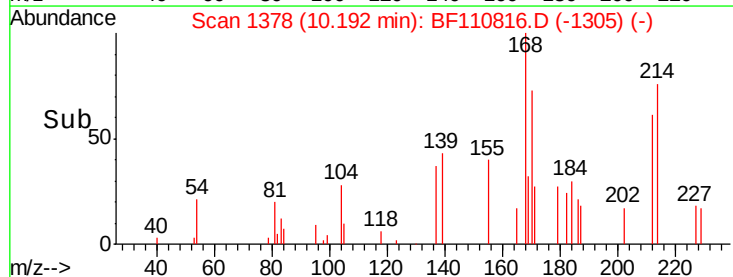
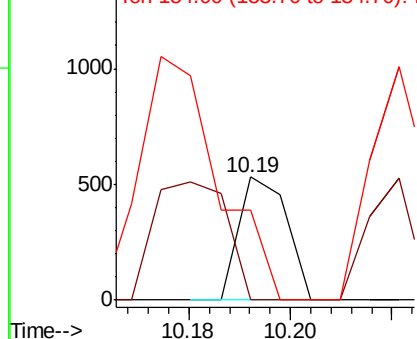


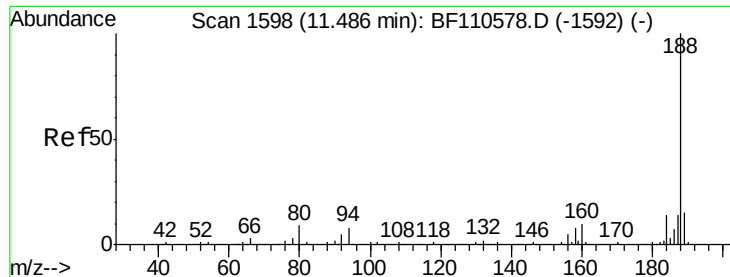
#54
2,4-Dinitrophenol
Concen: 5.162 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.13 min
Lab File: BF110816.D
Acq: 16 Nov 2018 15:03

Tgt Ion:184 Resp: 349
Ion Ratio Lower Upper
184 100
63 0.0 55.8 83.6#
154 72.7 63.2 94.8



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

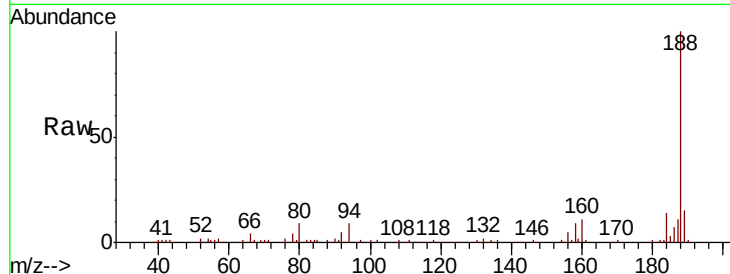




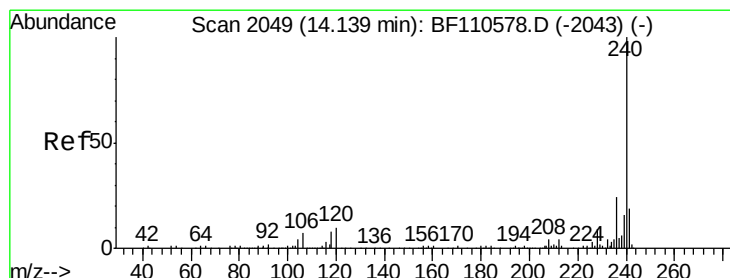
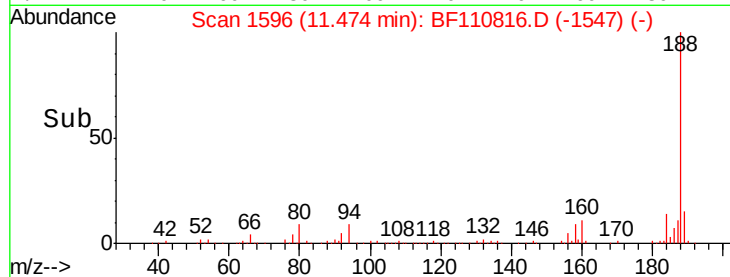
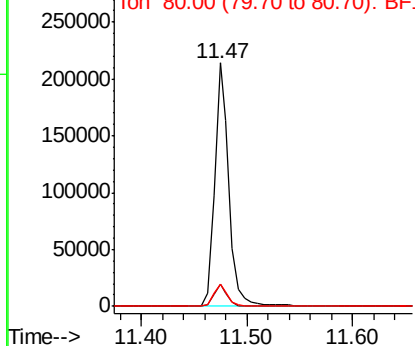
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110816.D
Acq: 16 Nov 2018 15:03

Instrument :
BNA_F
ClientSampleId :

Tot Ion:188 Resp: 203404
Ion Ratio Lower Upper
188 100
94 9.2 7.2 10.8
80 9.2 7.9 11.9

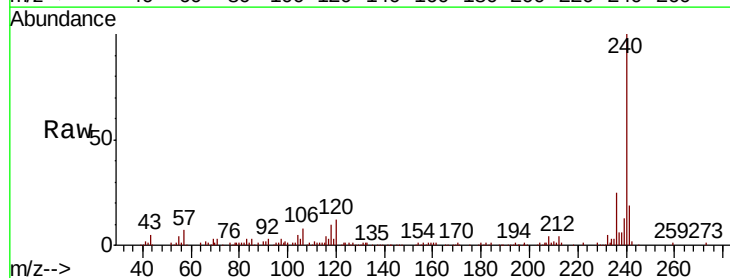


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

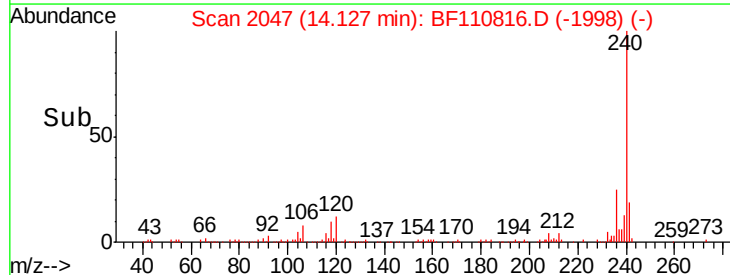
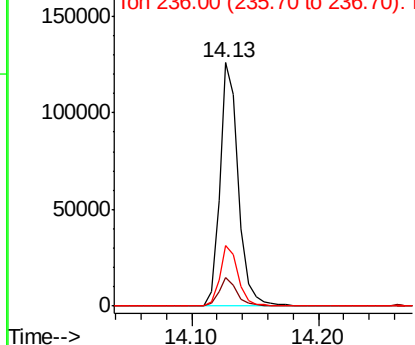


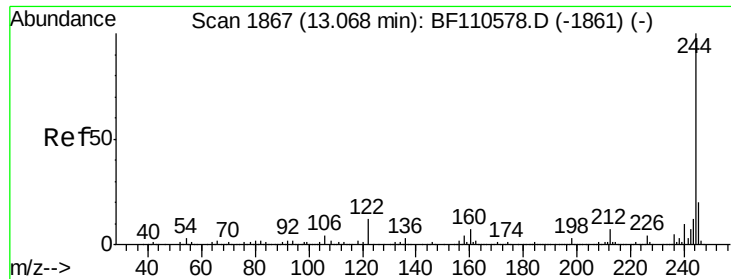
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110816.D
Acq: 16 Nov 2018 15:03

Tgt Ion:240 Resp: 127746
Ion Ratio Lower Upper
240 100
120 11.9 8.3 12.5
236 25.1 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: 41.551 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110816.D

Acq: 16 Nov 2018 15:03

Instrument :

BNA_F

ClientSampleId :

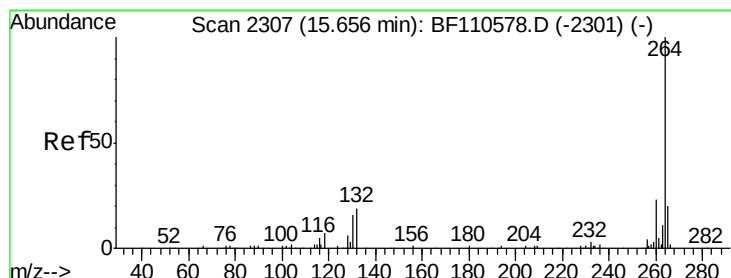
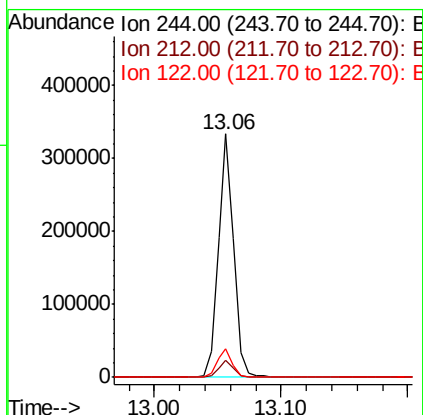
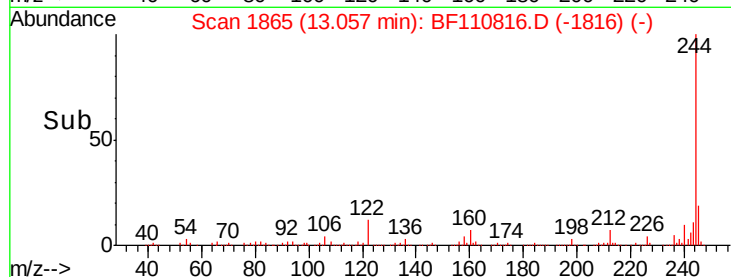
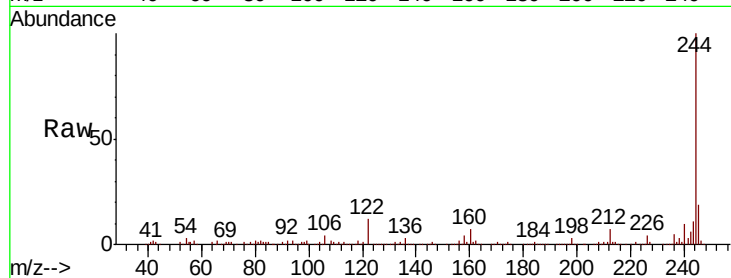
Tot Ion:244 Resp: 283433

Ion Ratio Lower Upper

244 100

212 6.9 5.8 8.8

122 11.5 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110816.D

Acq: 16 Nov 2018 15:03

Tgt Ion:264 Resp: 129670

Ion Ratio Lower Upper

264 100

260 22.9 18.7 28.1

265 20.9 16.7 25.1

