

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF111618\
 Data File : BF110815.D
 Acq On : 16 Nov 2018 14:06
 Operator : JU/SJ
 Sample : J5939-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 16 14:52:10 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

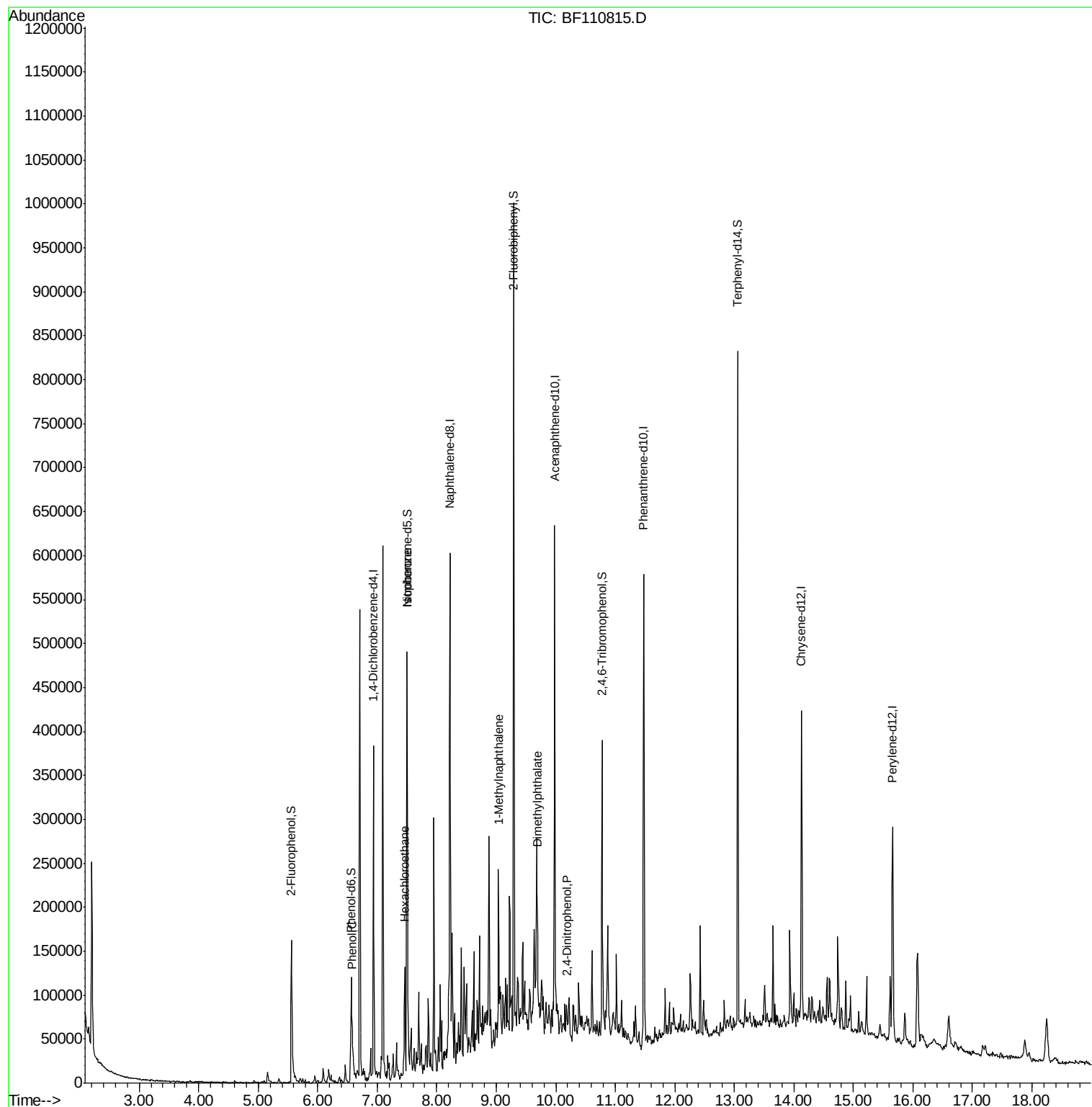
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	56749	20.00	ng	0.00
21) Naphthalene-d8	8.22	136	234945	20.00	ng	0.00
39) Acenaphthene-d10	9.98	164	112109	20.00	ng	-0.01
64) Phenanthrene-d10	11.47	188	208963	20.00	ng	-0.01
76) Chrysene-d12	14.13	240	125326	20.00	ng	-0.01
87) Perylene-d12	15.66	264	130047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	66943	19.16	ng	0.00
7) Phenol-d6	6.56	99	54566	12.21	ng	-0.01
23) Nitrobenzene-d5	7.50	82	150440	36.88	ng	-0.01
42) 2,4,6-Tribromophenol	10.78	330	39853	35.28	ng	0.00
45) 2-Fluorobiphenyl	9.29	172	287220	36.59	ng	-0.01
79) Terphenyl-d14	13.06	244	239365	35.77	ng	-0.01
Target Compounds						
10) Phenol	6.58	94	11627	2.244	ng	# 72
18) Hexachloroethane	7.46	117	8138	4.844	ng	# 1
25) Isophorone	7.50	82	149948	22.425	ng	# 67
38) 1-Methylnaphthalene	9.03	142	22181	3.190	ng	# 97
50) Dimethylphthalate	9.69	163	33414	3.994	ng	100
54) 2,4-Dinitrophenol	10.19	184	355	5.157	ng	87

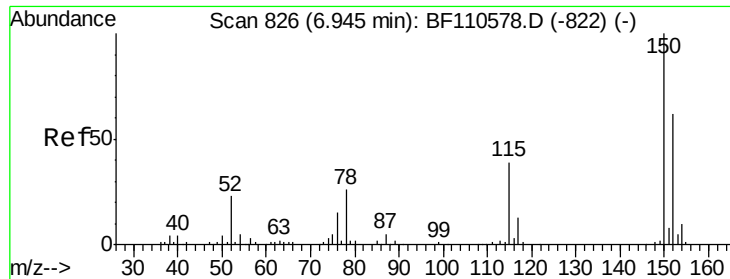
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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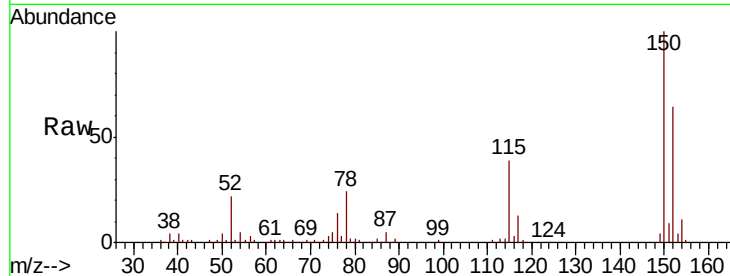


#1

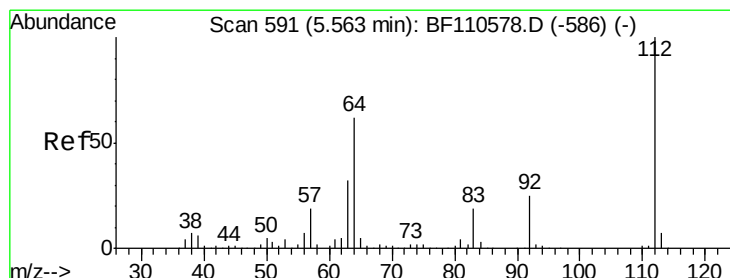
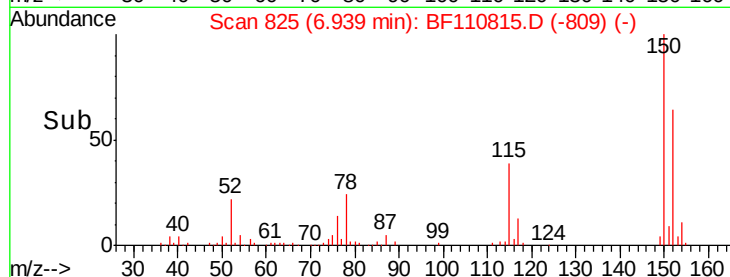
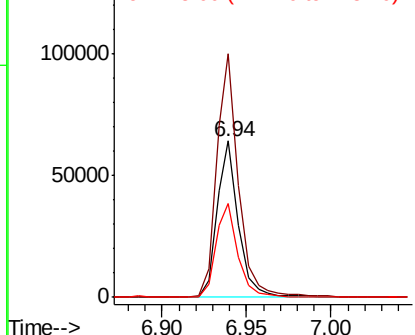
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.94 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF110815.D
Acq: 16 Nov 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 56749
Ion Ratio Lower Upper
152 100
150 155.6 122.7 184.1
115 60.2 49.1 73.7



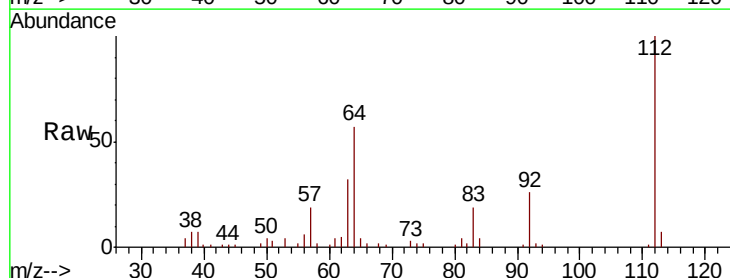
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



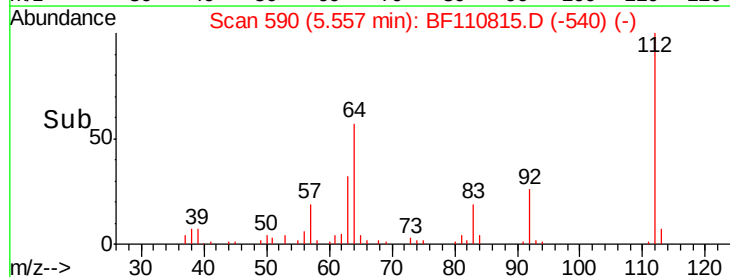
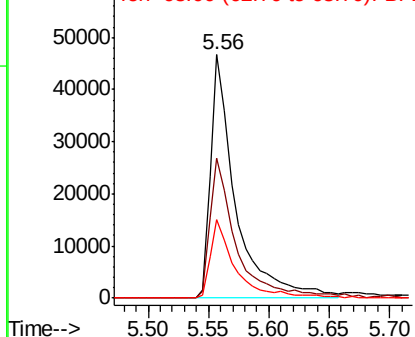
#5

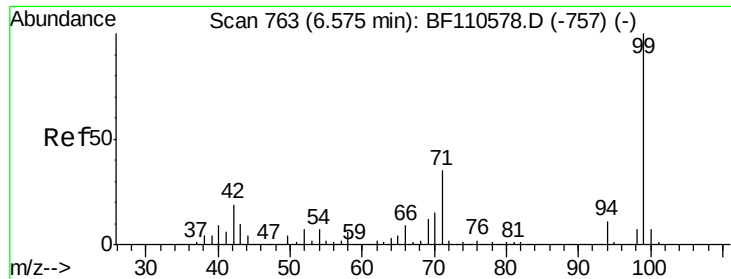
2-Fluorophenol
Concen: 19.161 ng
RT: 5.56 min Scan# 590
Delta R.T. -0.01 min
Lab File: BF110815.D
Acq: 16 Nov 2018 14:06

Tgt Ion:112 Resp: 66943
Ion Ratio Lower Upper
112 100
64 57.3 44.1 66.1
63 32.0 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: 12.214 ng

RT: 6.56 min Scan# 761

Delta R.T. -0.01 min

Lab File: BF110815.D

Acq: 16 Nov 2018 14:06

Instrument :

BNA_F

ClientSampled :

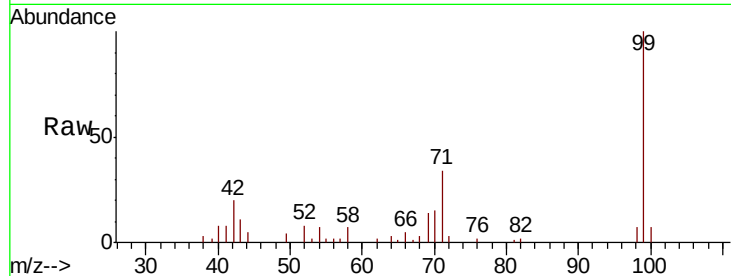
Tot Ion: 99 Resp: 54566

Ion Ratio Lower Upper

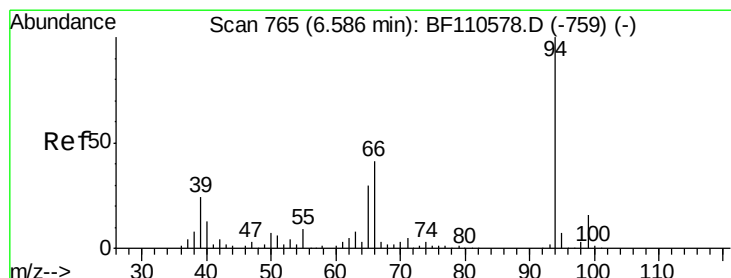
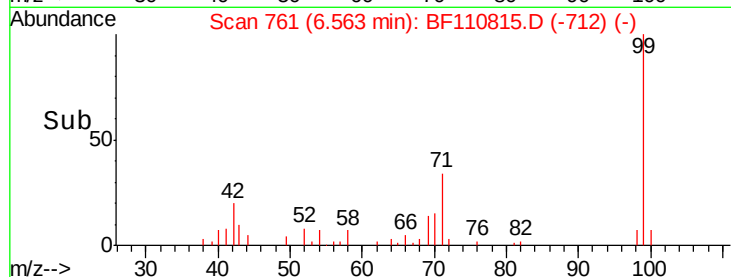
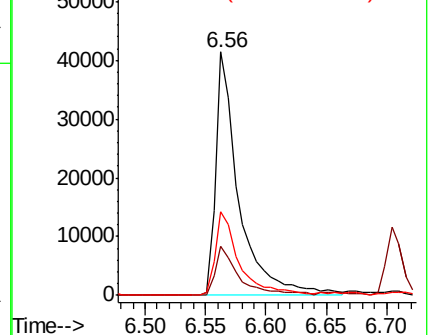
99 100

42 20.4 15.8 23.6

71 34.5 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: 2.244 ng

RT: 6.58 min Scan# 764

Delta R.T. -0.01 min

Lab File: BF110815.D

Acq: 16 Nov 2018 14:06

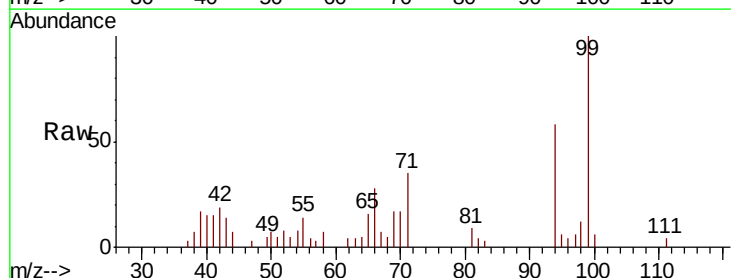
Tgt Ion: 94 Resp: 11627

Ion Ratio Lower Upper

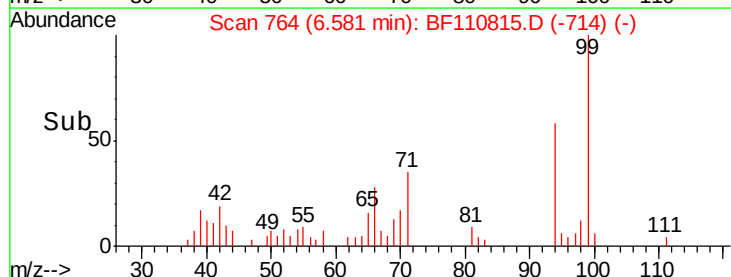
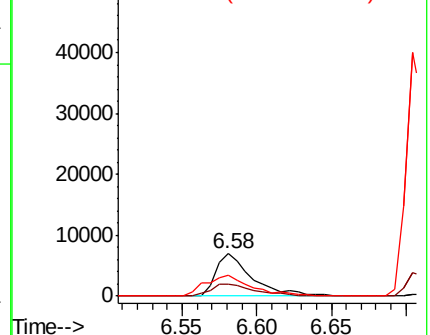
94 100

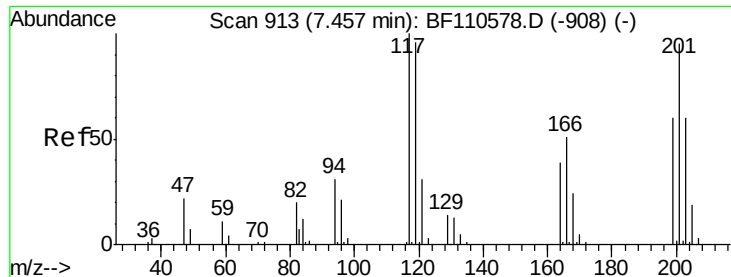
65 28.0 25.3 65.3

66 49.2 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

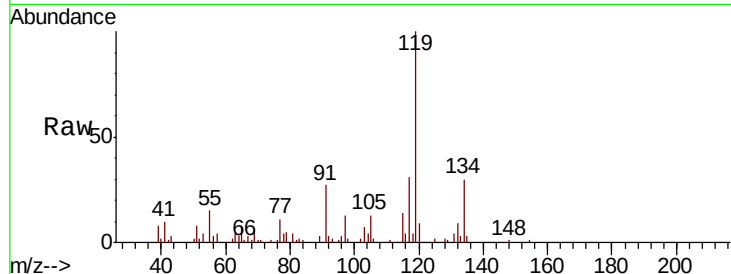




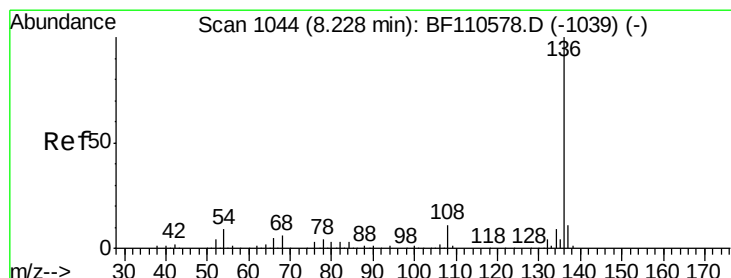
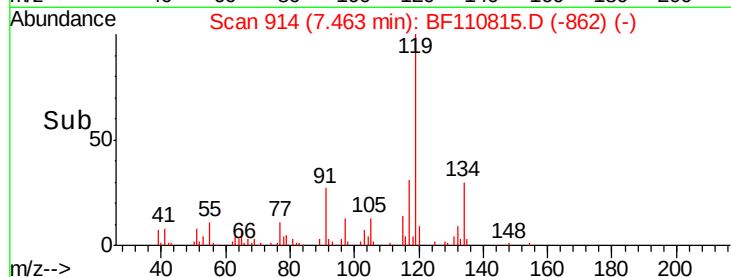
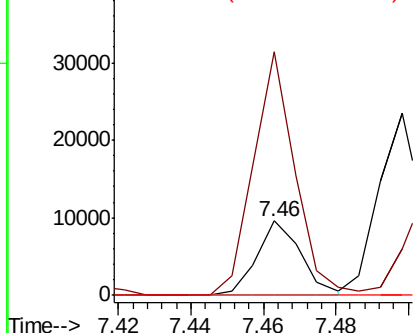
#18
Hexachloroethane
Concen: 4.844 ng
RT: 7.46 min Scan# 914
Delta R.T. 0.01 min
Lab File: BF110815.D
Acq: 16 Nov 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:117 Resp: 8138
Ion Ratio Lower Upper
117 100
119 326.9 75.0 112.6#
201 0.0 79.2 118.8#

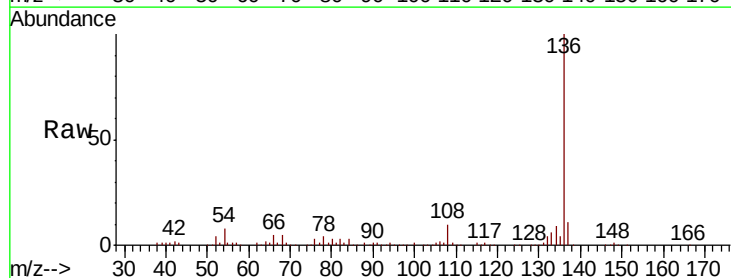


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

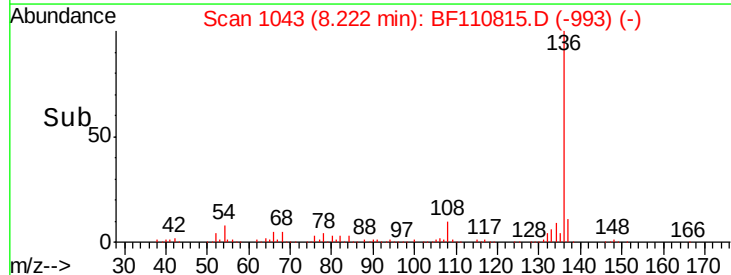
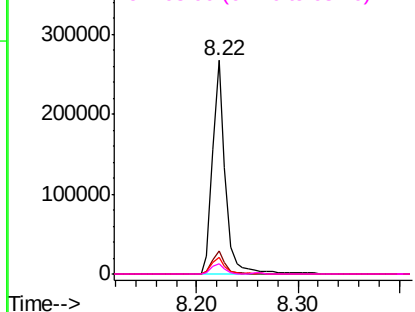


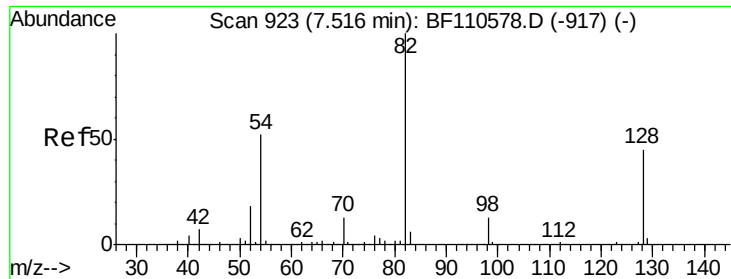
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.22 min Scan# 1043
Delta R.T. -0.01 min
Lab File: BF110815.D
Acq: 16 Nov 2018 14:06

Tgt Ion:136 Resp: 234945
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.0 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

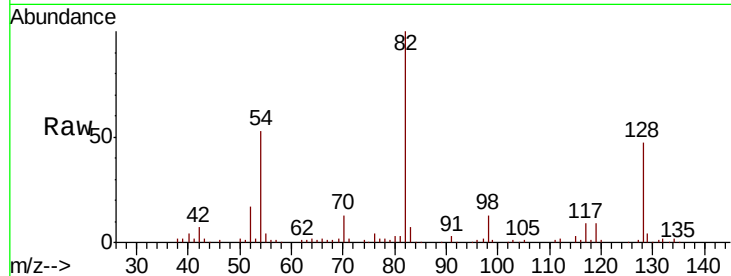




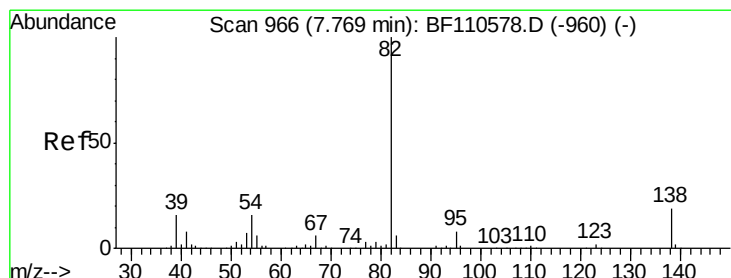
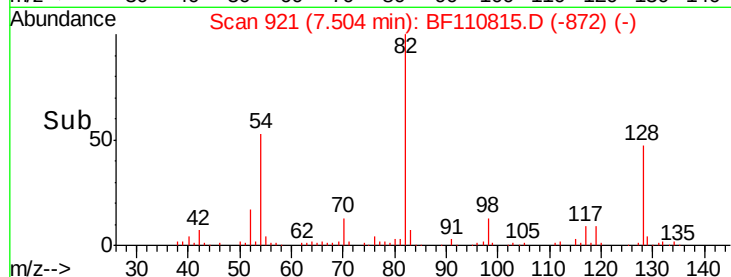
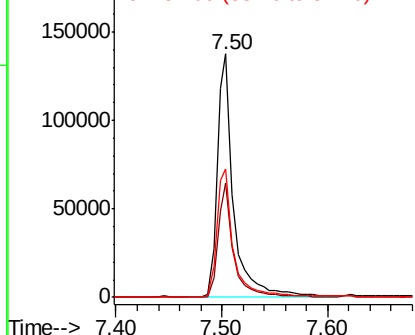
#23
Nitrobenzene-d5
Concen: 36.876 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.01 min
Lab File: BF110815.D
Acq: 16 Nov 2018 14:06

Instrument :
BNA_F
ClientSampled :

Tot Ion	82	Resp	150440
Ion Ratio	Lower	Upper	
82	100		
128	46.7	34.2	51.2
54	52.7	38.6	58.0

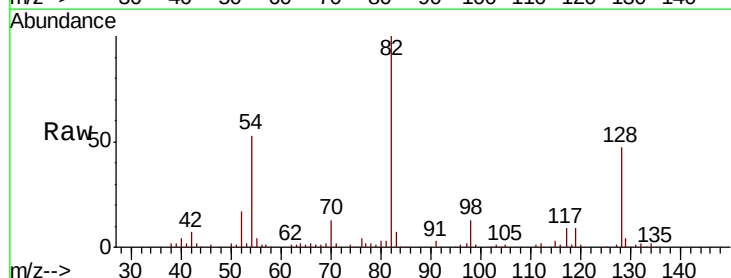


Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 128.00 (127.70 to 128.70): BF1
Ion 54.00 (53.70 to 54.70): BF1

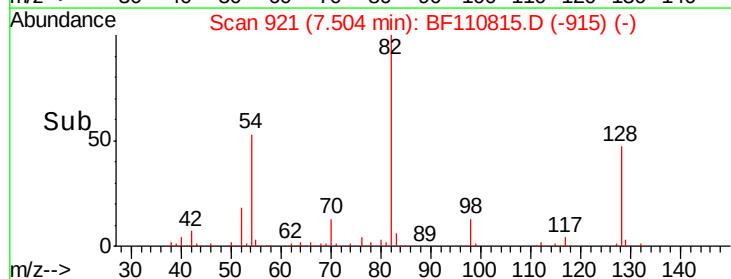
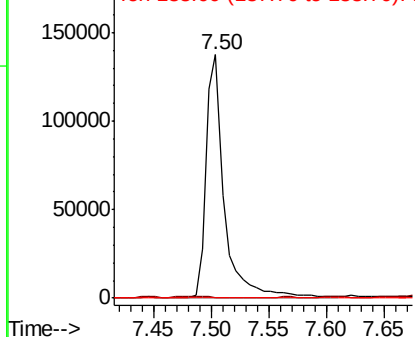


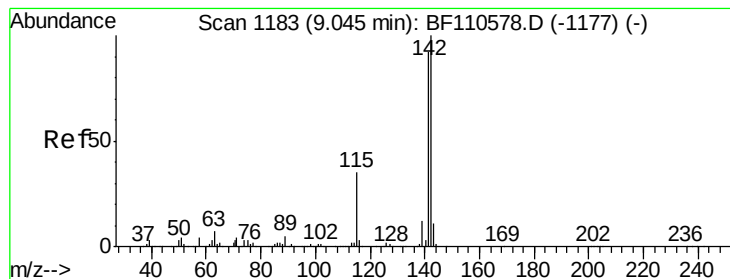
#25
Isophorone
Concen: 22.425 ng
RT: 7.50 min Scan# 921
Delta R.T. -0.26 min
Lab File: BF110815.D
Acq: 16 Nov 2018 14:06

Tgt Ion	82	Resp	149948
Ion Ratio	Lower	Upper	
82	100		
95	0.3	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





#38

1-Methylnaphthalene

Concen: 3.190 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.01 min

Lab File: BF110815.D

Acq: 16 Nov 2018 14:06

Instrument :

BNA_F

ClientSampleId :

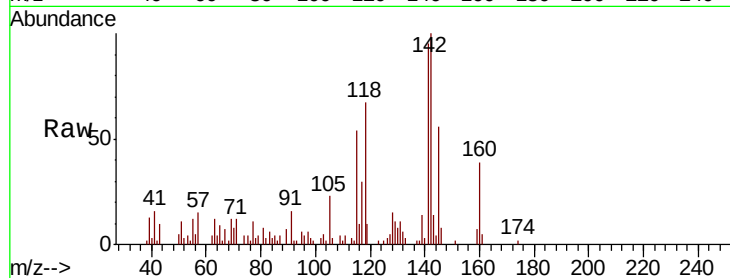
Tot Ion:142 Resp: 22181

Ion Ratio Lower Upper

142 100

141 94.9 74.2 111.4

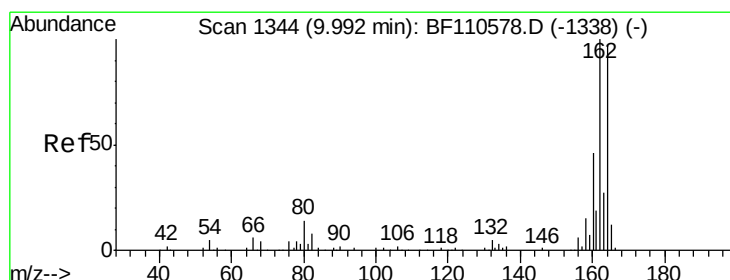
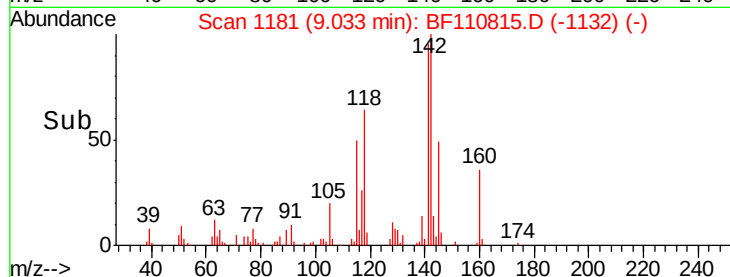
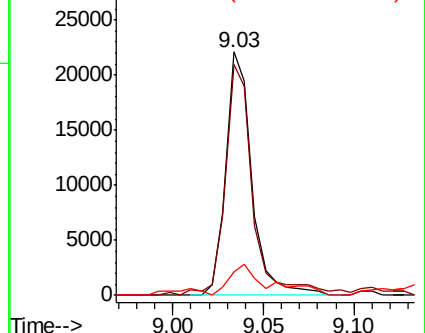
116 9.6 2.6 4.0#



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: BF110815.D

Acq: 16 Nov 2018 14:06

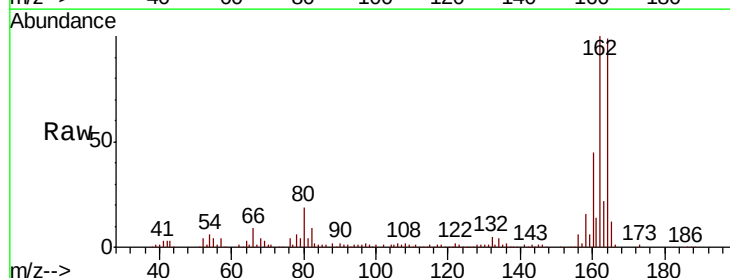
Tgt Ion:164 Resp: 112109

Ion Ratio Lower Upper

164 100

162 101.1 83.0 124.6

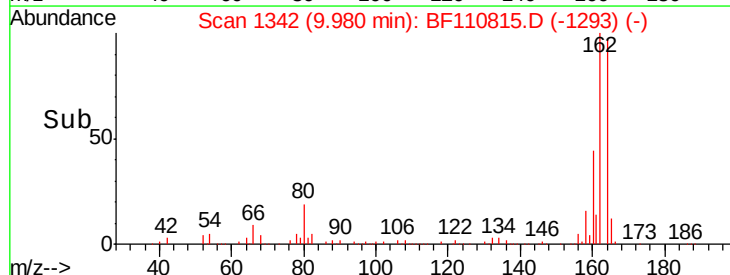
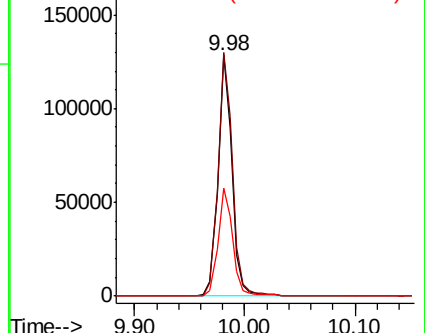
160 45.0 37.0 55.6

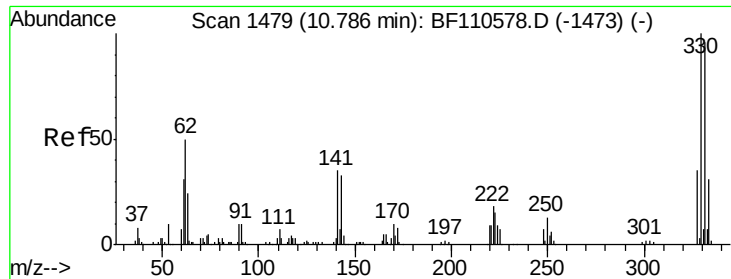


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

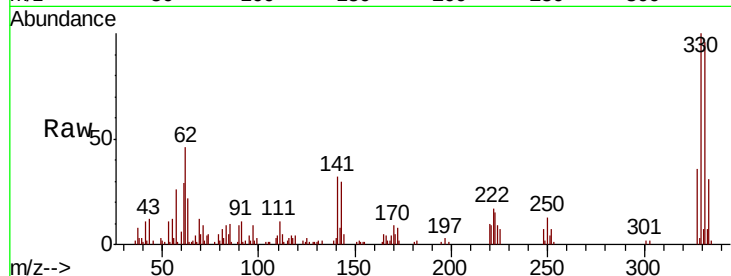




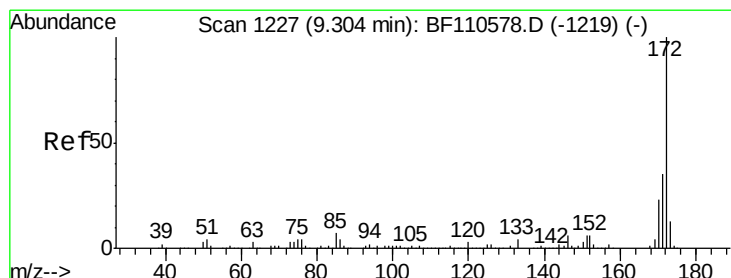
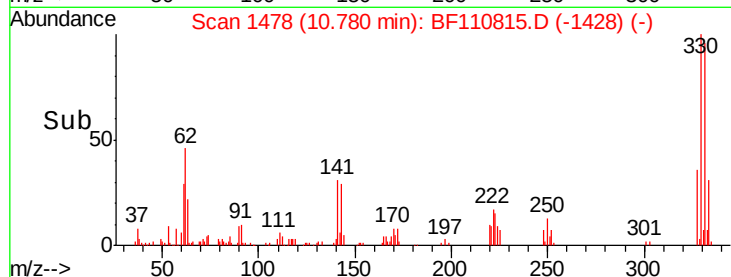
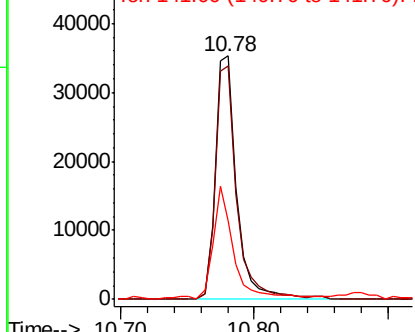
#42
 2,4,6-Tribromophenol
 Concen: 35.279 ng
 RT: 10.78 min Scan# 1478
 Delta R.T. -0.01 min
 Lab File: BF110815.D
 Acq: 16 Nov 2018 14:06

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 39853
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.1 115.7
 141 40.1 27.0 40.4

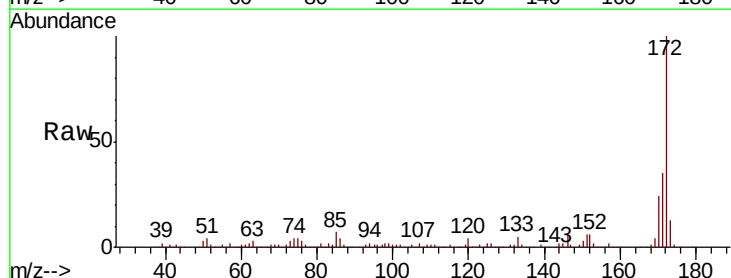


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

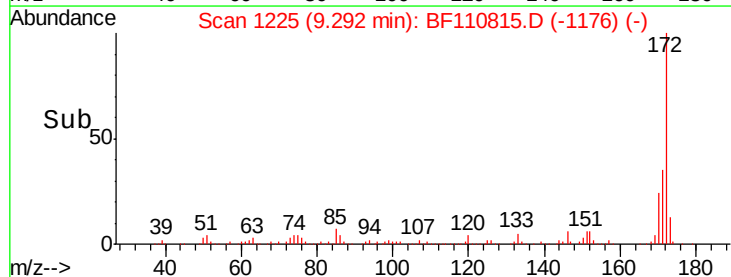
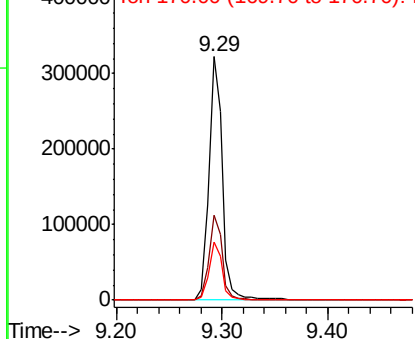


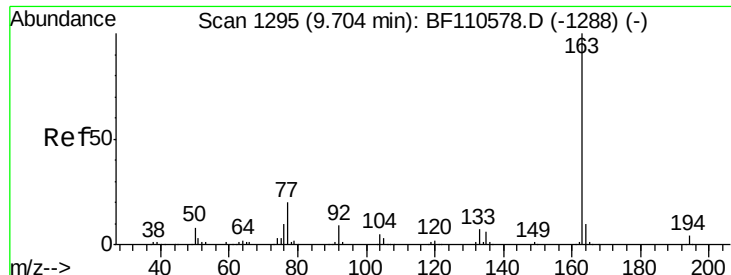
#45
 2-Fluorobiphenyl
 Concen: 36.590 ng
 RT: 9.29 min Scan# 1225
 Delta R.T. -0.01 min
 Lab File: BF110815.D
 Acq: 16 Nov 2018 14:06

Tgt Ion:172 Resp: 287220
 Ion Ratio Lower Upper
 172 100
 171 35.0 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

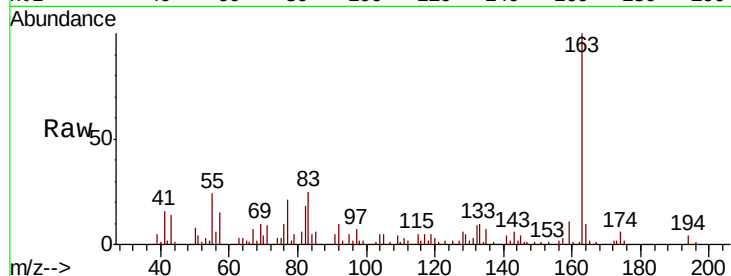




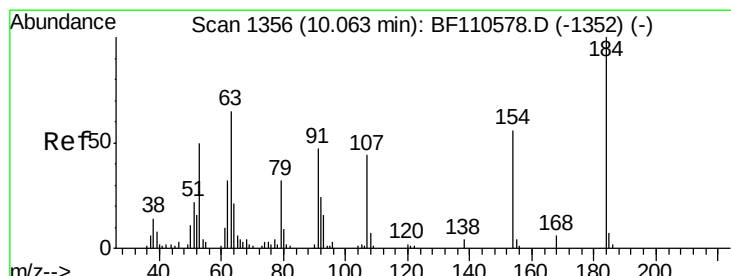
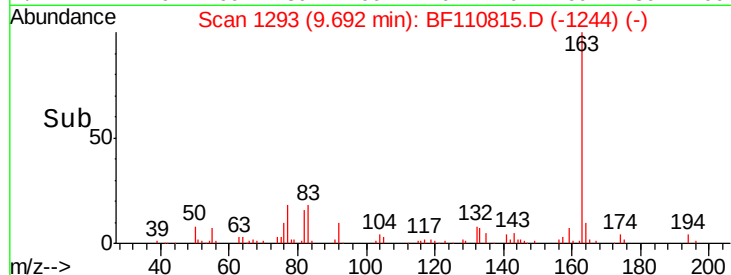
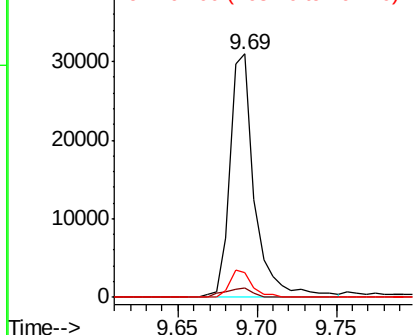
#50
Dimethylphthalate
Concen: 3.994 ng
RT: 9.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BF110815.D
Acq: 16 Nov 2018 14:06

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 33414
Ion Ratio Lower Upper
163 100
194 4.0 3.2 4.8
164 10.1 8.1 12.1

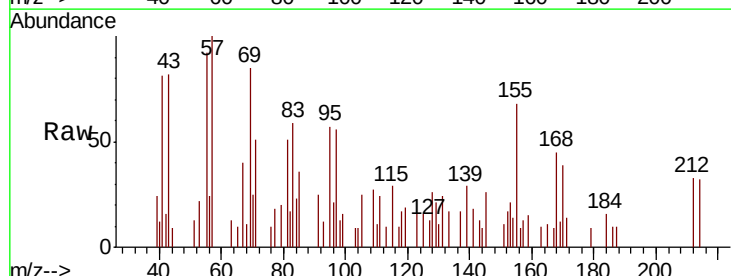


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

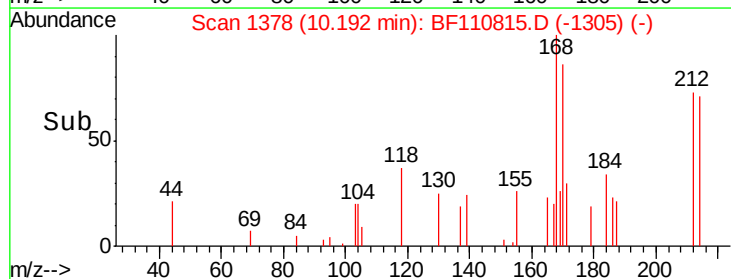
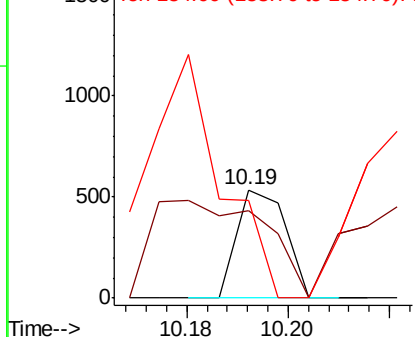


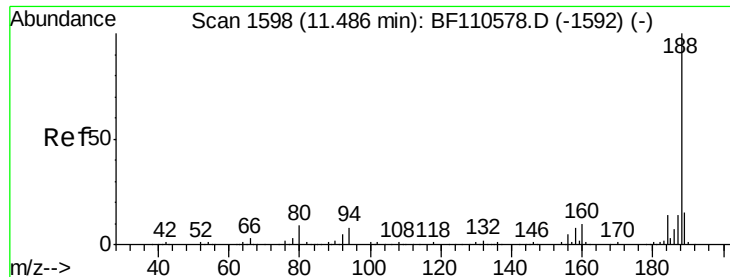
#54
2,4-Dinitrophenol
Concen: 5.157 ng
RT: 10.19 min Scan# 1378
Delta R.T. 0.13 min
Lab File: BF110815.D
Acq: 16 Nov 2018 14:06

Tgt Ion:184 Resp: 355
Ion Ratio Lower Upper
184 100
63 80.3 55.8 83.6
154 89.9 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

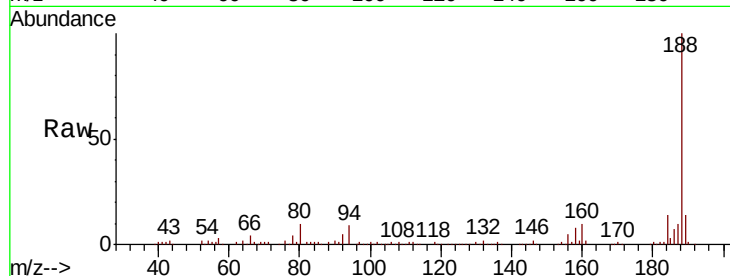




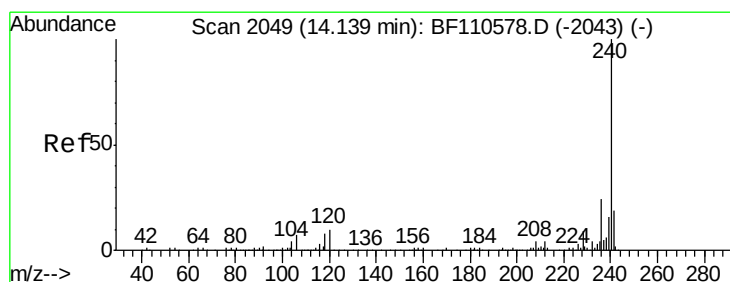
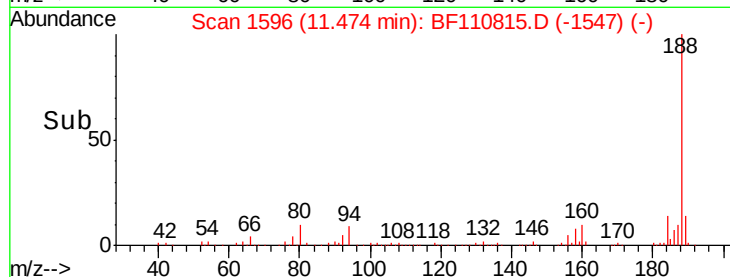
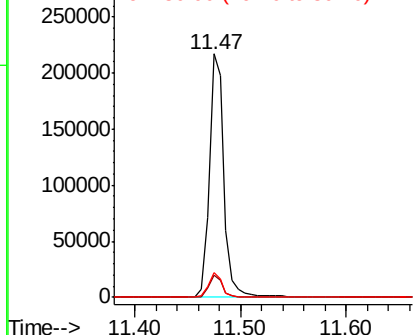
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.47 min Scan# 1596
Delta R.T. -0.01 min
Lab File: BF110815.D
Acq: 16 Nov 2018 14:06

Instrument :
BNA_F
ClientSampled :

Tot Ion:188 Resp: 208963
Ion Ratio Lower Upper
188 100
94 9.1 7.2 10.8
80 9.9 7.9 11.9

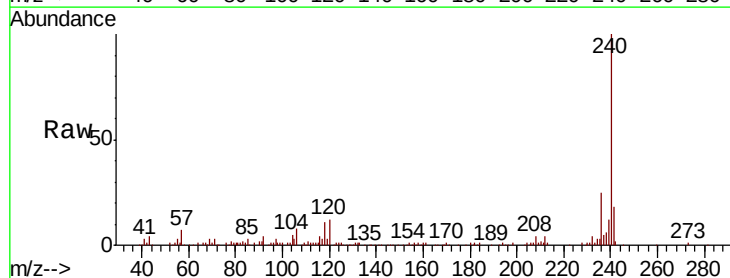


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

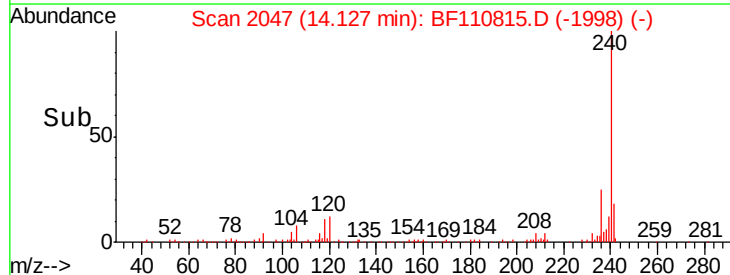
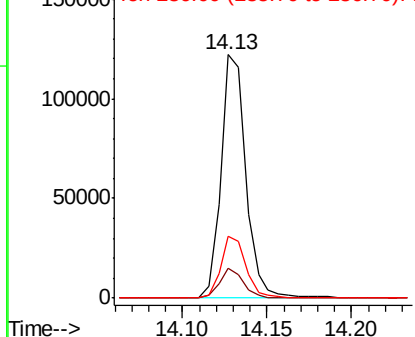


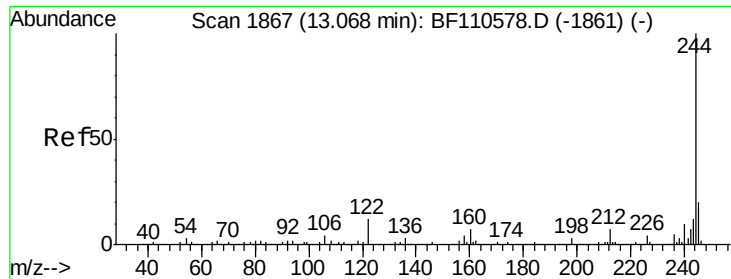
#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.13 min Scan# 2047
Delta R.T. -0.01 min
Lab File: BF110815.D
Acq: 16 Nov 2018 14:06

Tgt Ion:240 Resp: 125326
Ion Ratio Lower Upper
240 100
120 12.0 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: 35.769 ng

RT: 13.06 min Scan# 1865

Delta R.T. -0.01 min

Lab File: BF110815.D

Acq: 16 Nov 2018 14:06

Instrument :

BNA_F

ClientSampleId :

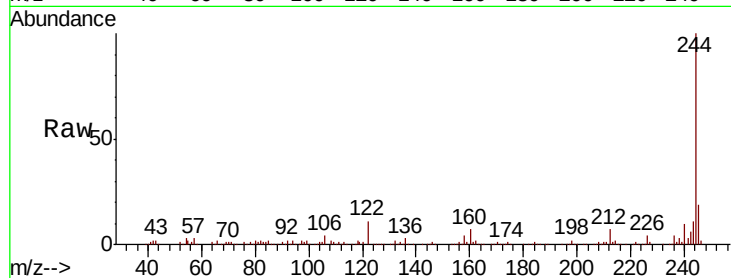
Tot Ion:244 Resp: 239365

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

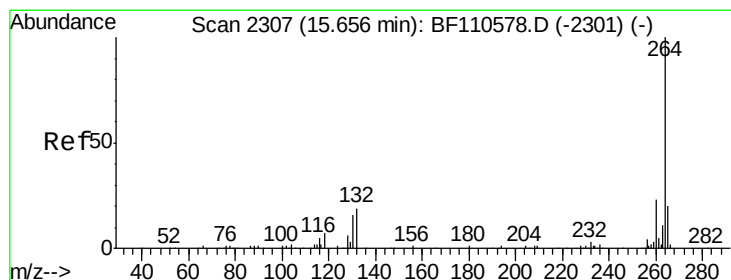
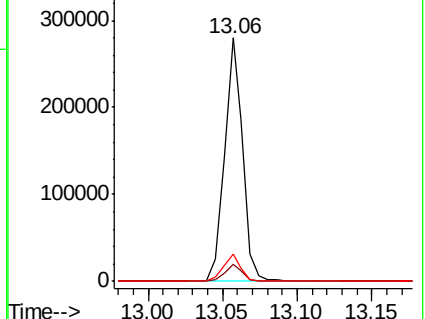
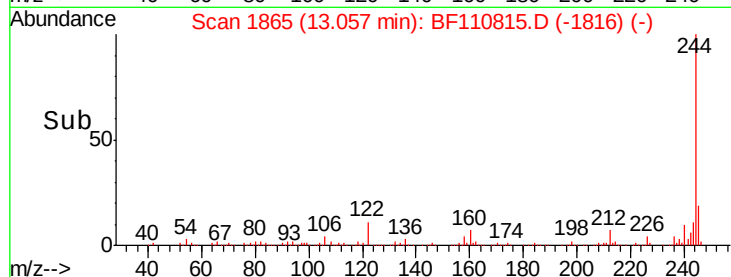
122 11.3 8.7 13.1



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: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110815.D

Acq: 16 Nov 2018 14:06

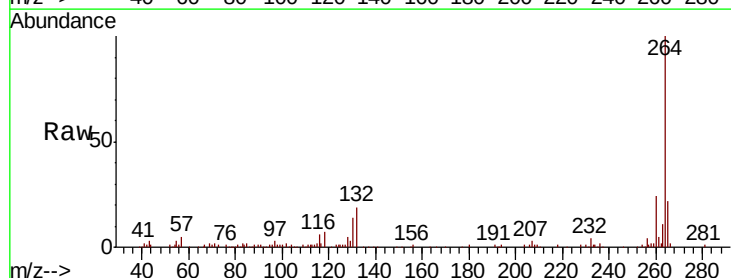
Tgt Ion:264 Resp: 130047

Ion Ratio Lower Upper

264 100

260 23.9 18.7 28.1

265 22.2 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

