

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111518.D
 Acq On : 16 Dec 2018 19:49
 Operator : JU/SJ
 Sample : J6397-01
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 EB10_1.5-2.5

Quant Time: Dec 17 06:45:02 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF121418.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 14 13:26:17 2018
 Response via : Initial Calibration

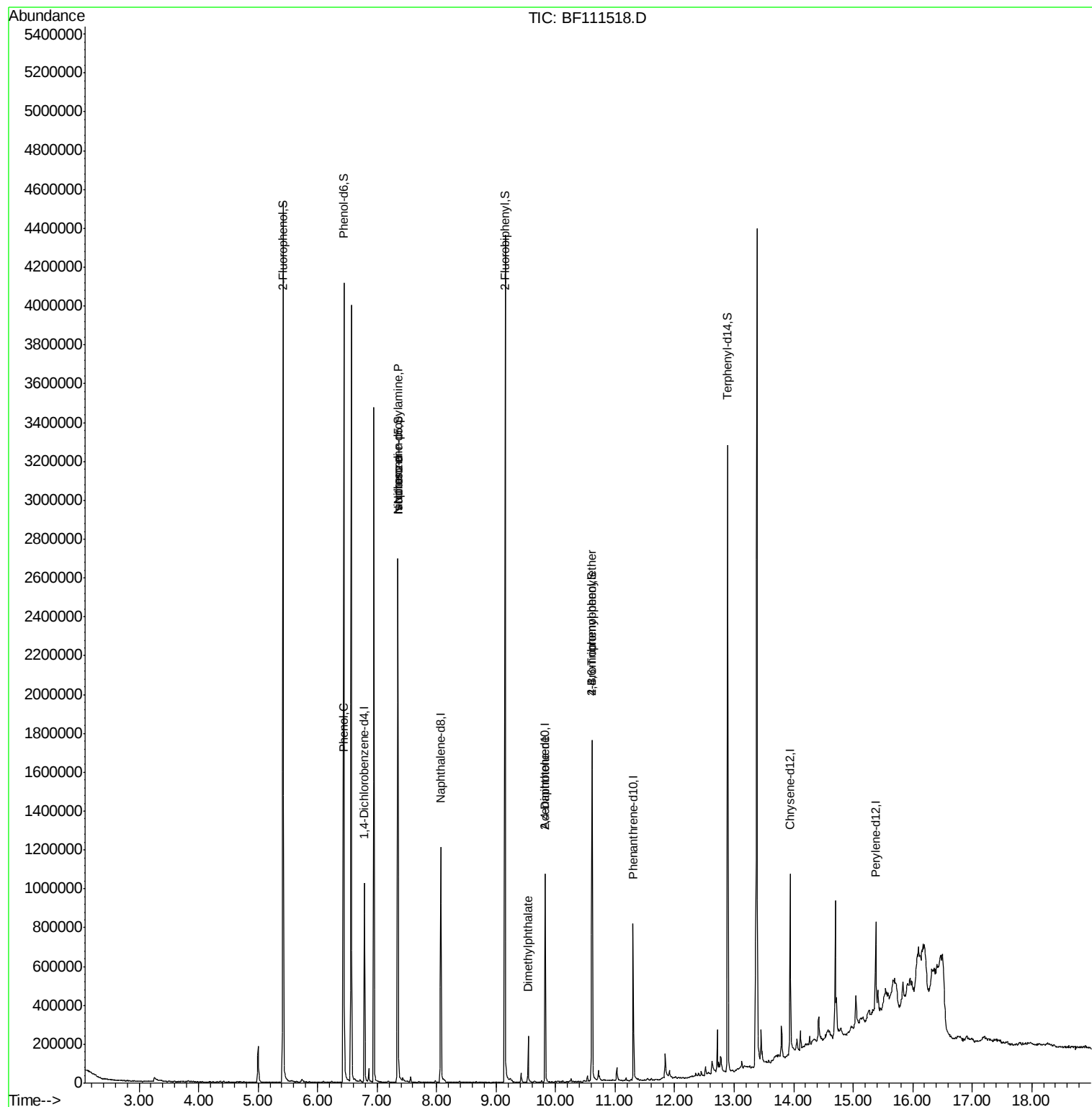
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	148345	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	568364	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	221438	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	319476	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	304339	20.00	ng	0.00
87) Perylene-d12	15.38	264	209375	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1236433	138.70	ng	0.00
7) Phenol-d6	6.44	99	1356669	114.41	ng	0.00
23) Nitrobenzene-d5	7.35	82	838349	87.84	ng	0.00
42) 2,4,6-Tribromophenol	10.62	330	196725	99.18	ng	0.00
45) 2-Fluorobiphenyl	9.15	172	1499796	104.62	ng	0.00
79) Terphenyl-d14	12.89	244	1097093	84.65	ng	0.00
Target Compounds						
10) Phenol	6.45	94	83736	6.339	ng	89
19) n-Nitroso-di-n-propylamine	7.35	70	111899	14.303	ng	# 78
25) Isophorone	7.35	82	838342	51.911	ng	# 64
50) Dimethylphthalate	9.54	163	94594	5.932	ng	97
57) 2,4-Dinitrotoluene	9.82	165	28489	6.047	ng	# 25
67) 4-Bromophenyl-phenylether	10.62	248	13115	3.809	ng	# 1

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

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QLast Update : Fri Dec 14 13:26:17 2018
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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.79 min Scan# 799

Delta R.T. -0.01 min

Lab File: BF111518.D

Acq: 16 Dec 2018 19:49

Instrument :

BNA_F

ClientSampleId :

EB10_1.5-2.5

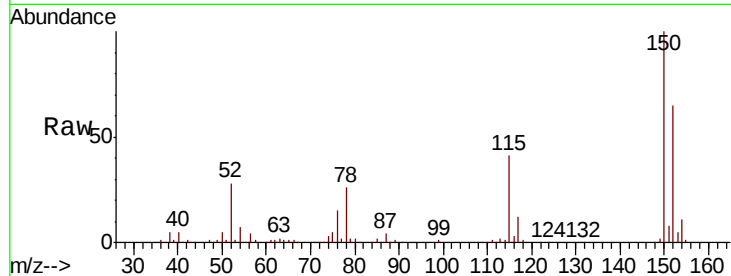
Tgt Ion:152 Resp: 148345

Ion Ratio Lower Upper

152 100

150 154.1 126.6 189.8

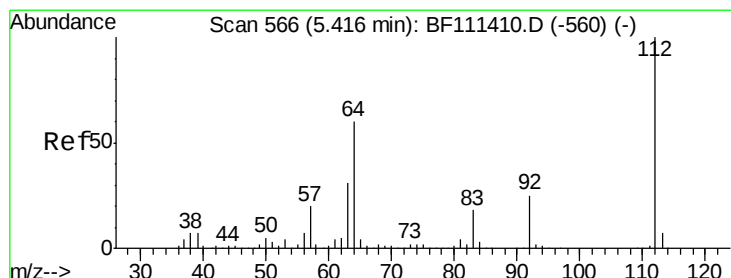
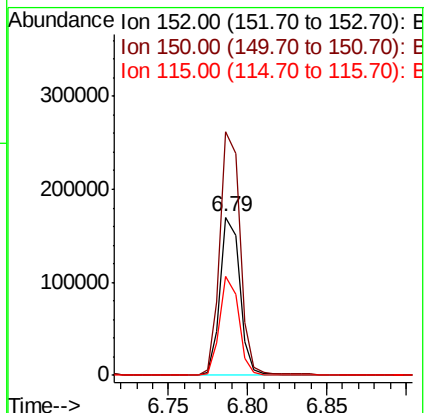
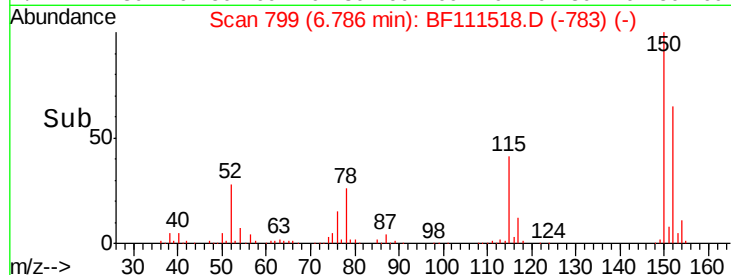
115 62.8 50.7 76.1



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: 138.697 ng

RT: 5.42 min Scan# 567

Delta R.T. 0.01 min

Lab File: BF111518.D

Acq: 16 Dec 2018 19:49

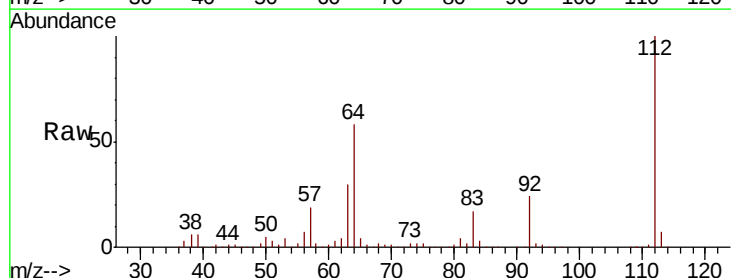
Tgt Ion:112 Resp: 1236433

Ion Ratio Lower Upper

112 100

64 58.0 51.8 77.6

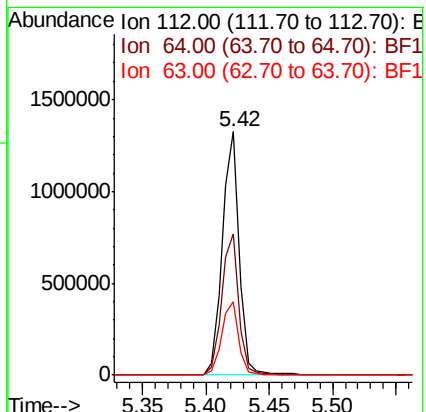
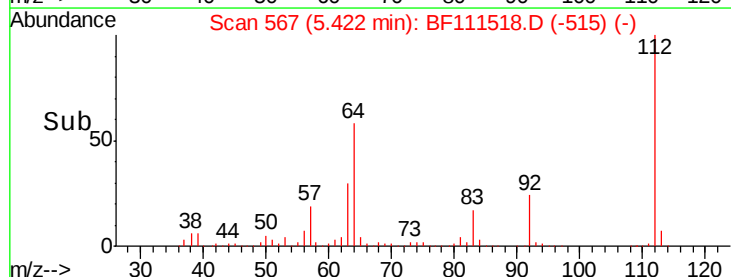
63 30.1 26.8 40.2

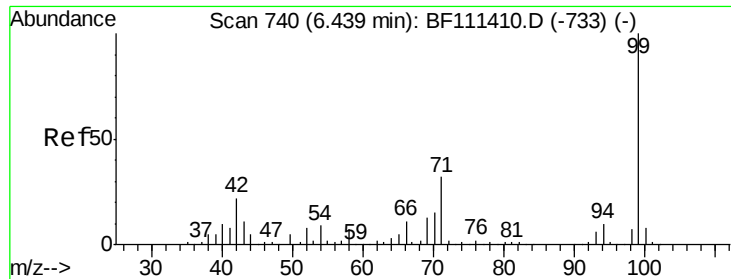


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 114.409 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111518.D

Acq: 16 Dec 2018 19:49

Instrument :

BNA_F

ClientSampleId :

EB10_1.5-2.5

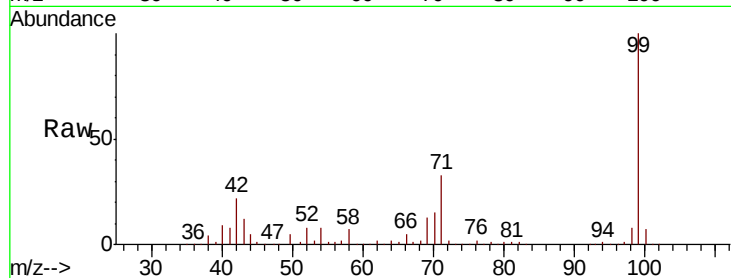
Tgt Ion: 99 Resp: 1356669

Ion Ratio Lower Upper

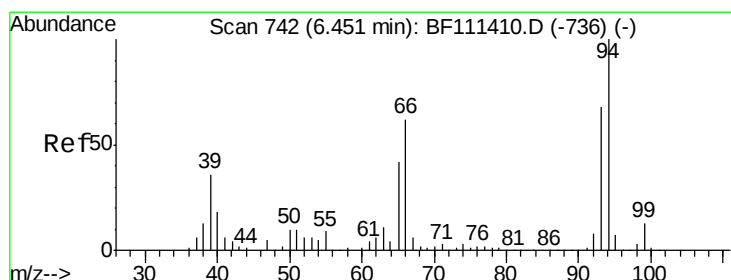
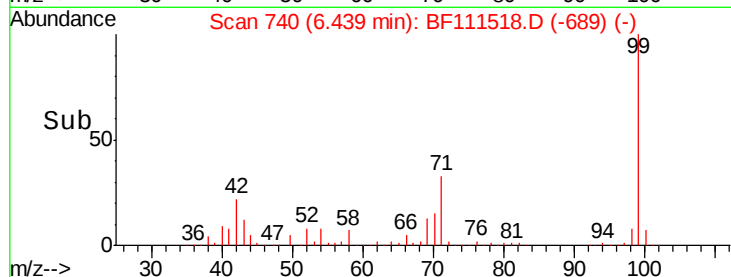
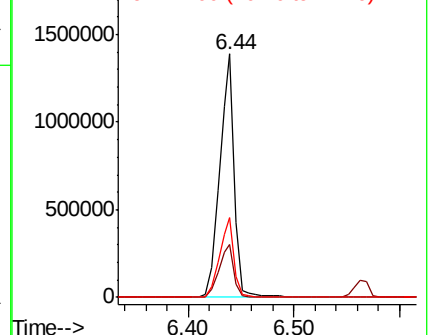
99 100

42 21.7 17.4 26.0

71 32.9 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



#10

Phenol

Concen: 6.339 ng

RT: 6.45 min Scan# 742

Delta R.T. 0.00 min

Lab File: BF111518.D

Acq: 16 Dec 2018 19:49

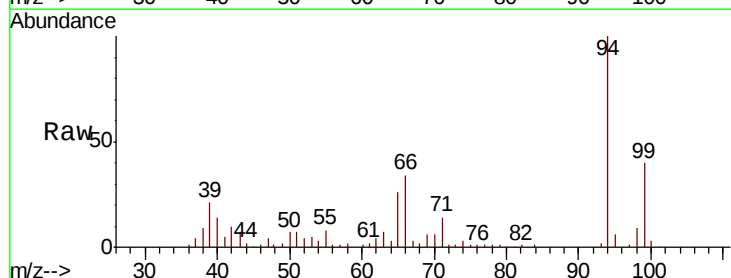
Tgt Ion: 94 Resp: 83736

Ion Ratio Lower Upper

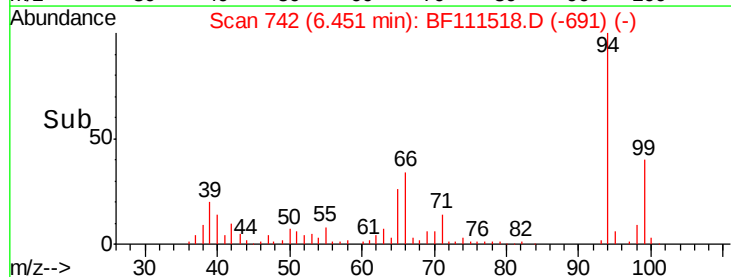
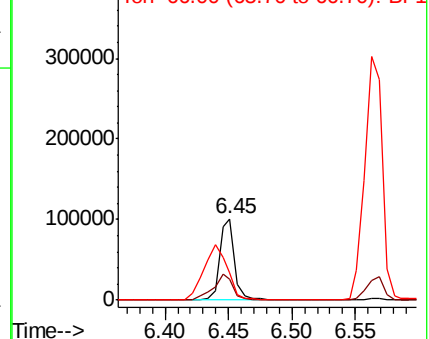
94 100

65 25.7 11.7 51.7

66 34.2 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

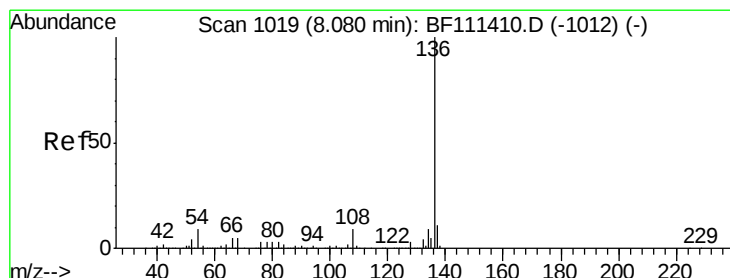
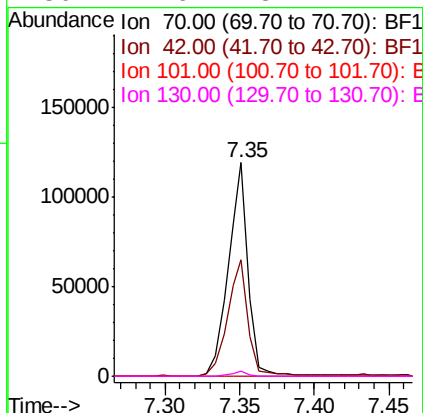
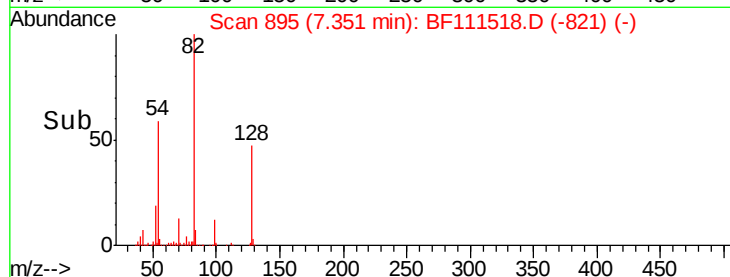
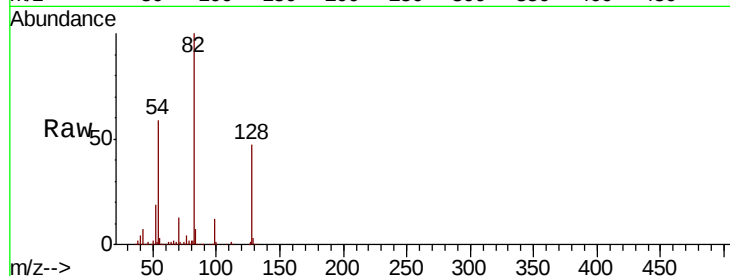




#19
n-Nitroso-di-n-propylamine
Concen: 14.303 ng
RT: 7.35 min Scan# 895
Delta R.T. 0.14 min
Lab File: BF111518.D
Acq: 16 Dec 2018 19:49

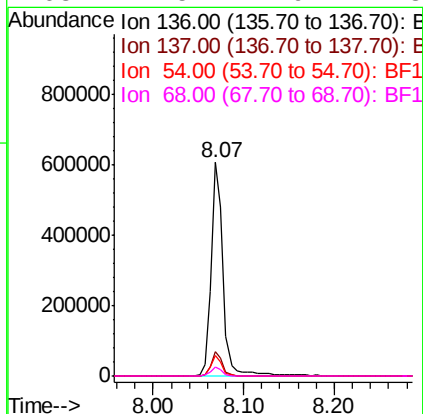
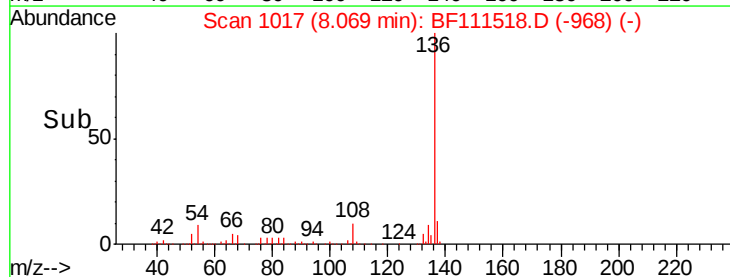
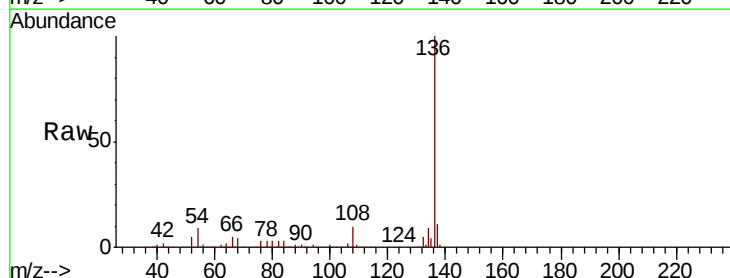
Instrument :
BNA_F
ClientSampleId :
EB10_1.5-2.5

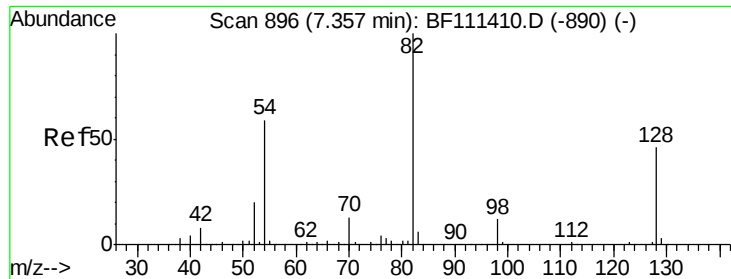
Tgt Ion	Ratio	Lower	Upper
70	100		
42	54.3	53.2	79.8
101	0.0	8.2	12.4#
130	2.6	18.1	27.1#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111518.D
Acq: 16 Dec 2018 19:49

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.3	9.1	13.7
54	9.5	7.7	11.5
68	4.5	4.9	7.3#

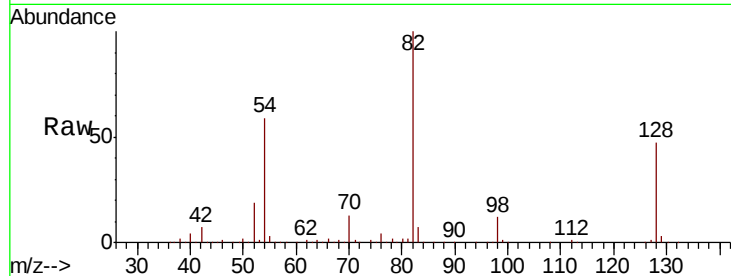




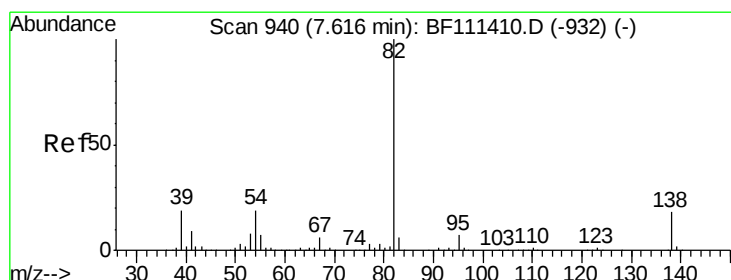
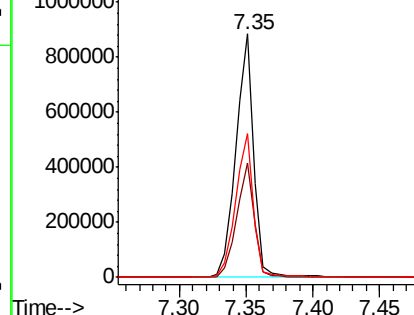
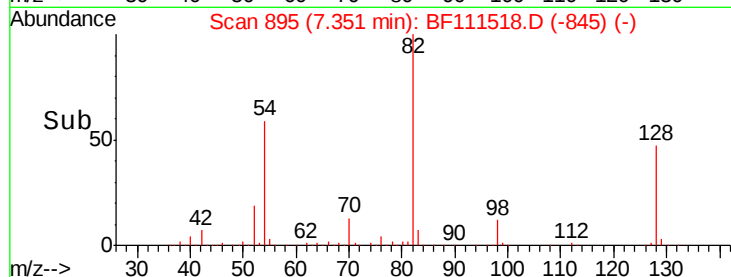
#23
Nitrobenzene-d5
Concen: 87.836 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111518.D
Acq: 16 Dec 2018 19:49

Instrument :
BNA_F
ClientSampleId :
EB10_1.5-2.5

Tgt Ion: 82 Resp: 838349
Ion Ratio Lower Upper
82 100
128 47.1 37.4 56.2
54 58.8 47.6 71.4

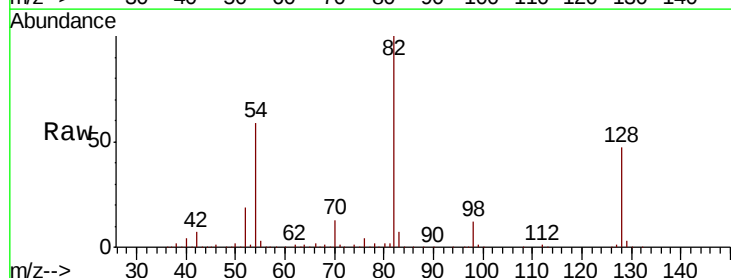


Abundance Ion 82.00 (81.70 to 82.70): BF1
1200000 Ion 128.00 (127.70 to 128.70): BF1
1000000 Ion 54.00 (53.70 to 54.70): BF1

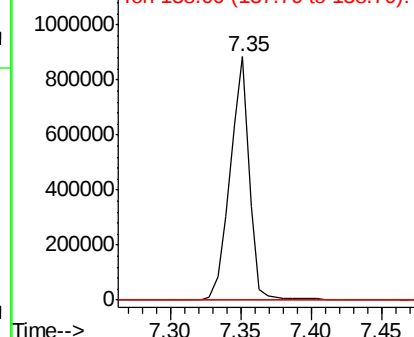
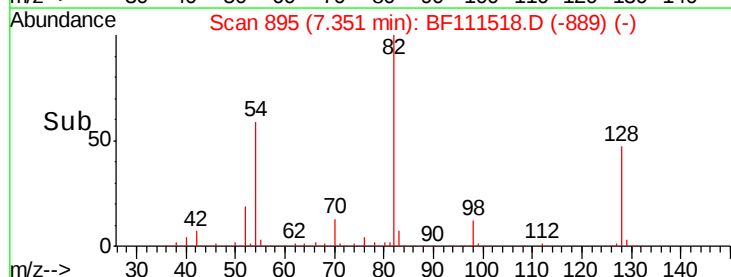


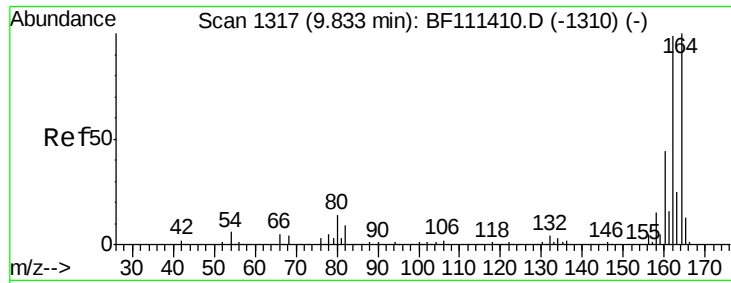
#25
Isophorone
Concen: 51.911 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.26 min
Lab File: BF111518.D
Acq: 16 Dec 2018 19:49

Tgt Ion: 82 Resp: 838342
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): BF1
1200000 Ion 95.00 (94.70 to 95.70): BF1
1000000 Ion 138.00 (137.70 to 138.70): BF1

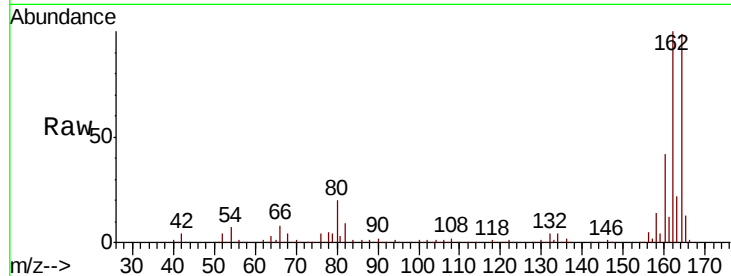




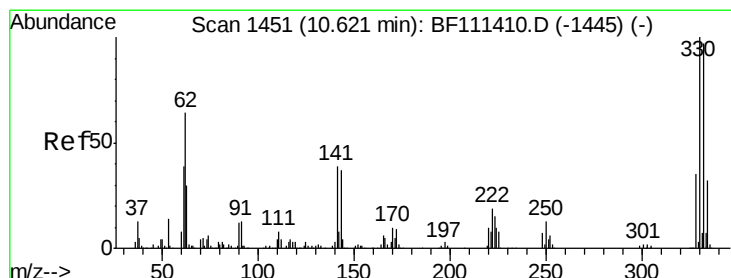
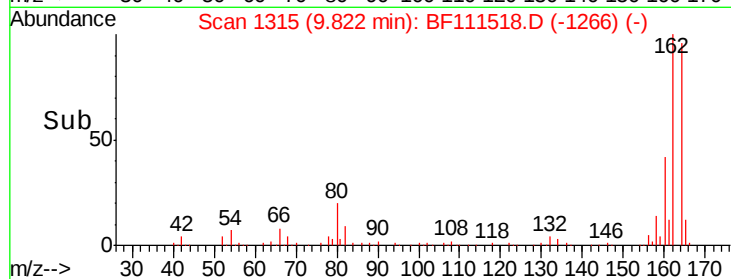
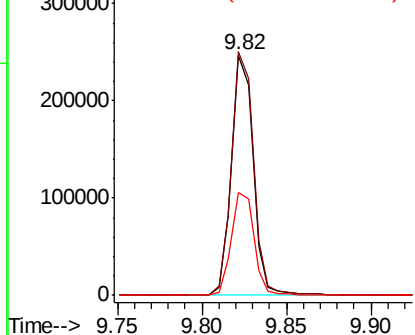
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111518.D
Acq: 16 Dec 2018 19:49

Instrument :
BNA_F
ClientSampleId :
EB10_1.5-2.5

Tgt Ion:164 Resp: 221438
Ion Ratio Lower Upper
164 100
162 101.4 81.4 122.0
160 42.6 35.7 53.5

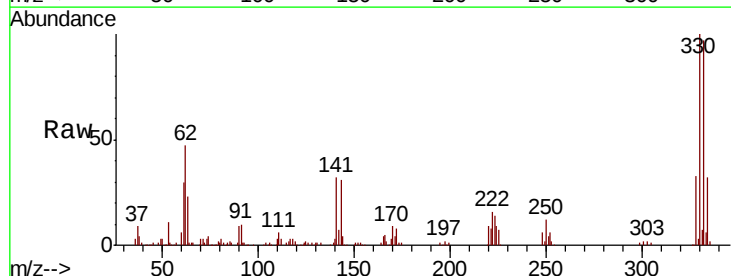


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

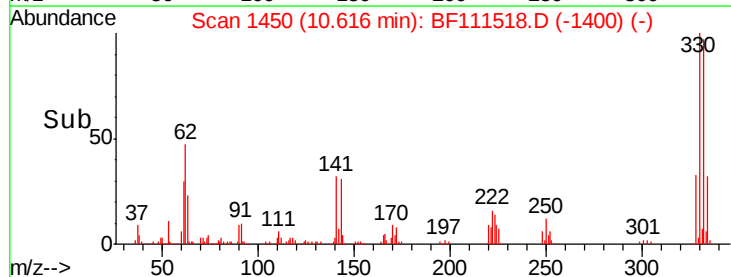
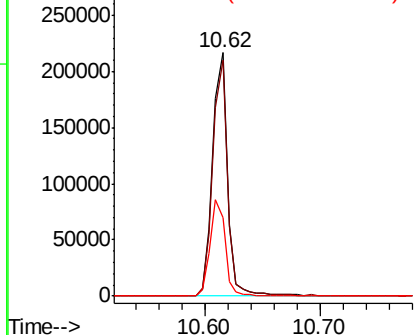


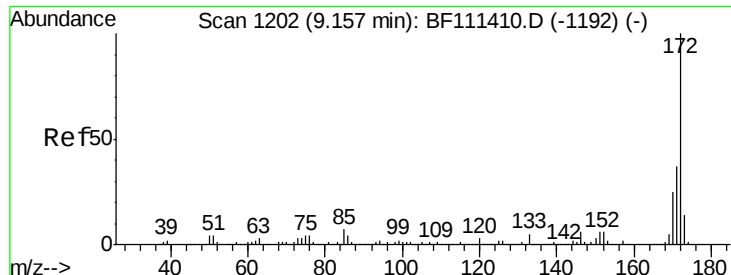
#42
2,4,6-Tribromophenol
Concen: 99.175 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.01 min
Lab File: BF111518.D
Acq: 16 Dec 2018 19:49

Tgt Ion:330 Resp: 196725
Ion Ratio Lower Upper
330 100
332 96.3 76.0 114.0
141 40.1 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

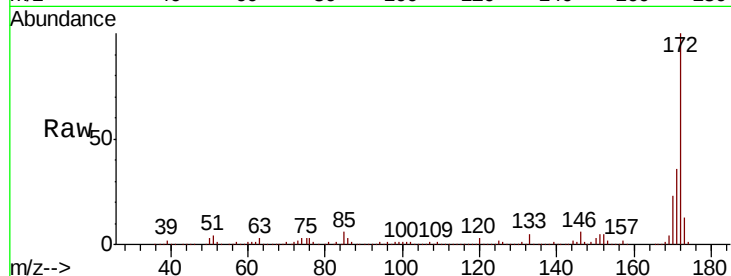




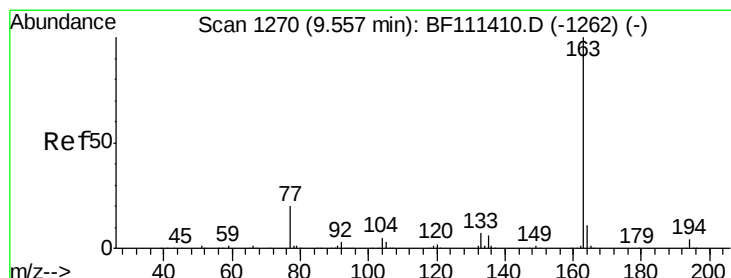
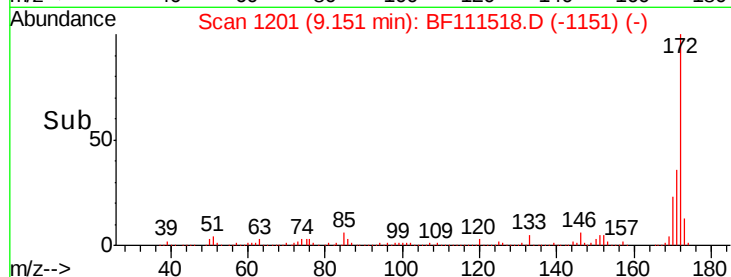
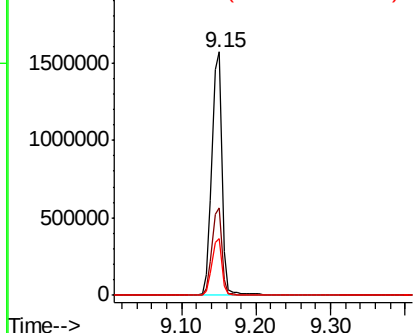
#45
 2-Fluorobiphenyl
 Concen: 104.618 ng
 RT: 9.15 min Scan# 1201
 Delta R.T. -0.01 min
 Lab File: BF111518.D
 Acq: 16 Dec 2018 19:49

Instrument :
 BNA_F
 ClientSampleId :
 EB10_1.5-2.5

Tgt Ion:172 Resp: 1499796
 Ion Ratio Lower Upper
 172 100
 171 35.8 33.0 49.4
 170 23.3 22.3 33.5

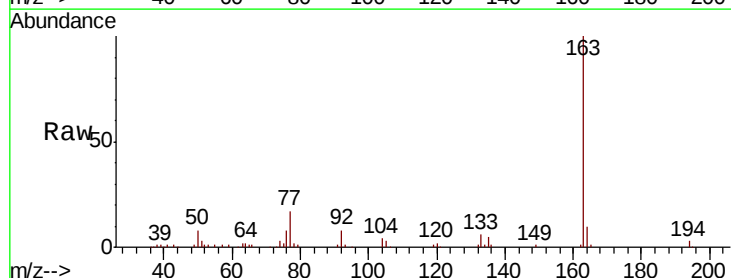


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

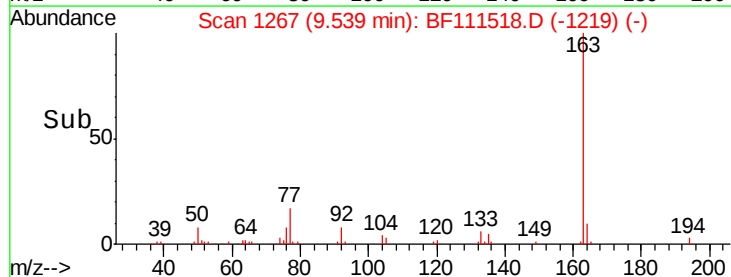
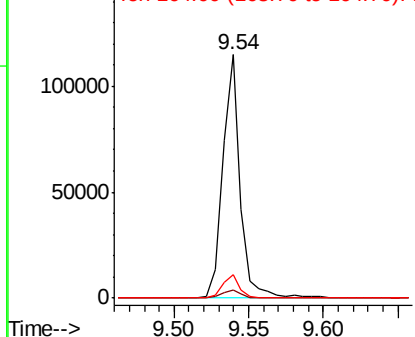


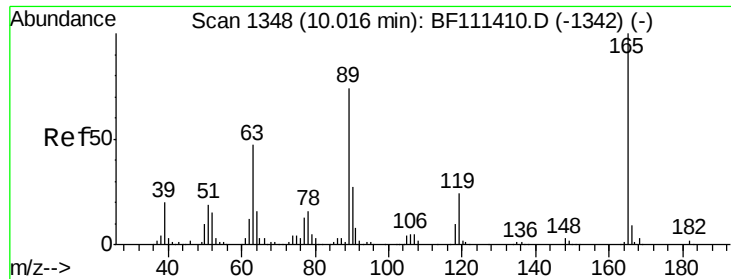
#50
 Dimethylphthalate
 Concen: 5.932 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.02 min
 Lab File: BF111518.D
 Acq: 16 Dec 2018 19:49

Tgt Ion:163 Resp: 94594
 Ion Ratio Lower Upper
 163 100
 194 3.1 3.0 4.6
 164 9.9 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

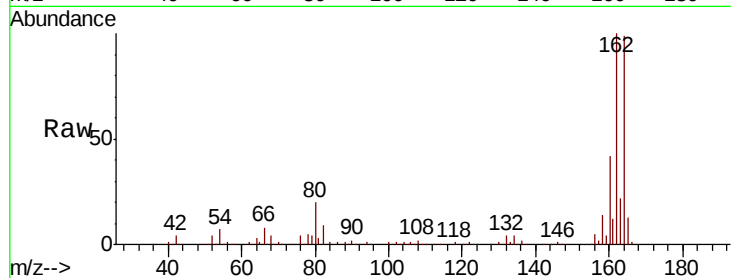




#57
2,4-Dinitrotoluene
Concen: 6.047 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.19 min
Lab File: BF111518.D
Acq: 16 Dec 2018 19:49

Instrument :
BNA_F
ClientSampleId :
EB10_1.5-2.5

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	34.6	52.0#
89	1.6	56.2	84.4#
182	0.0	1.8	2.6#



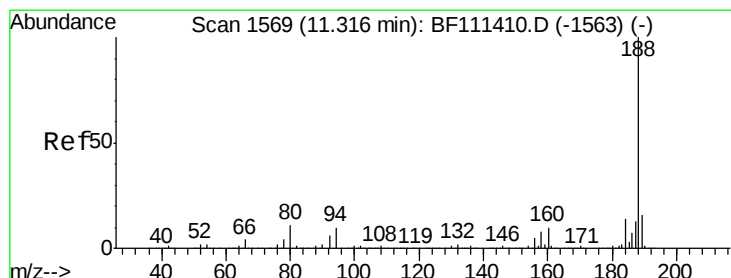
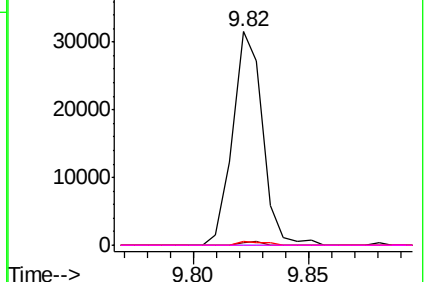
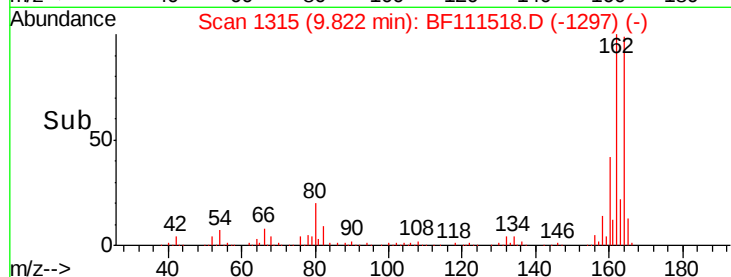
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

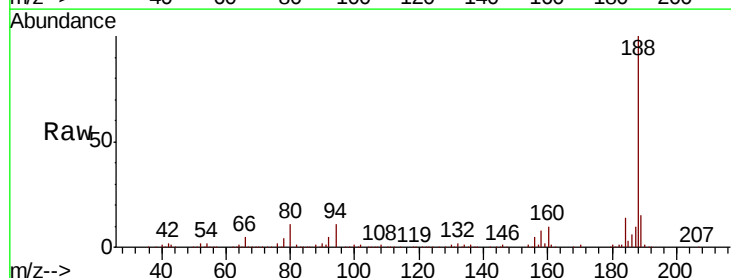
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111518.D
Acq: 16 Dec 2018 19:49

Tgt Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.6	14.4
80	10.7	9.8	14.6

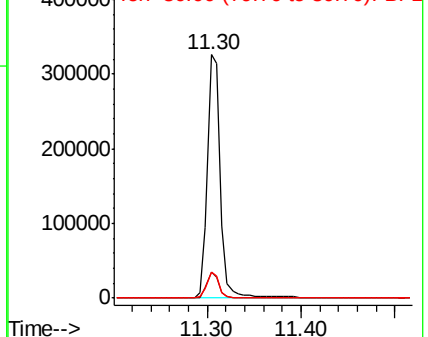
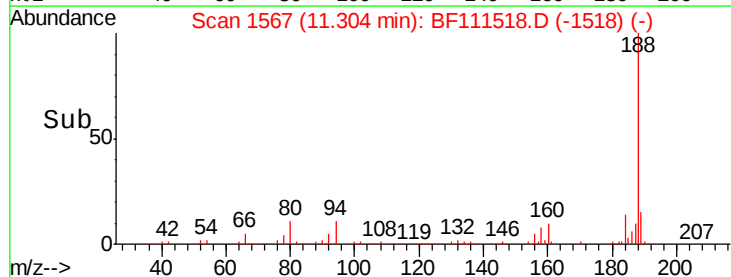


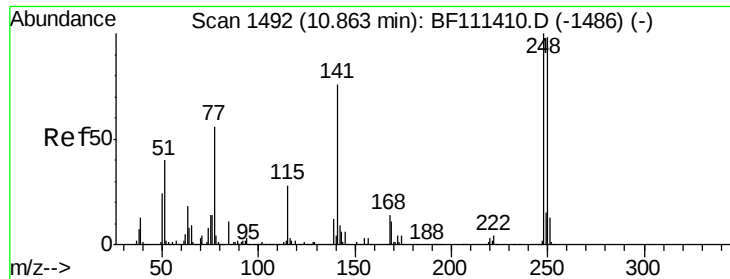
Abundance

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

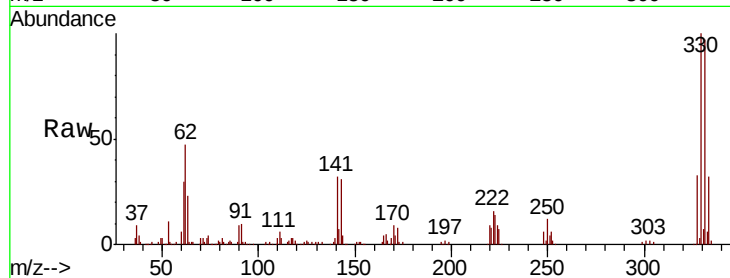




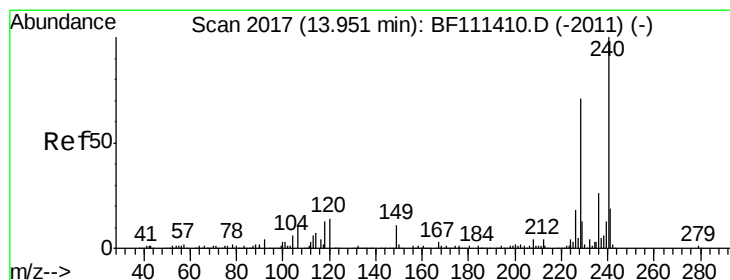
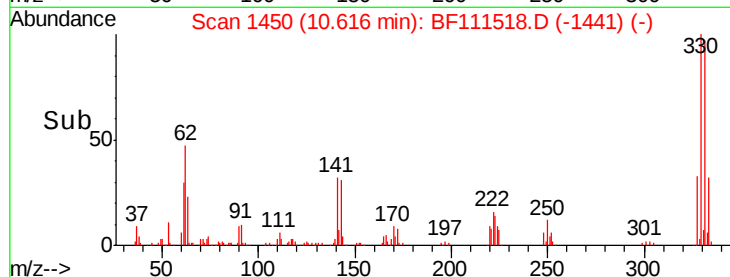
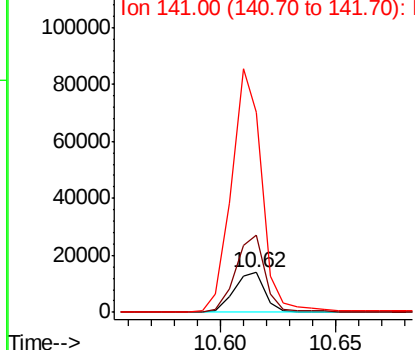
#67
4-Bromophenyl-phenylether
Concen: 3.809 ng
RT: 10.62 min Scan# 1450
Delta R.T. -0.25 min
Lab File: BF111518.D
Acq: 16 Dec 2018 19:49

Instrument :
BNA_F
ClientSampleId :
EB10_1.5-2.5

Tgt Ion:248 Resp: 13115
Ion Ratio Lower Upper
248 100
250 193.1 77.0 115.4#
141 504.0 63.0 94.6#

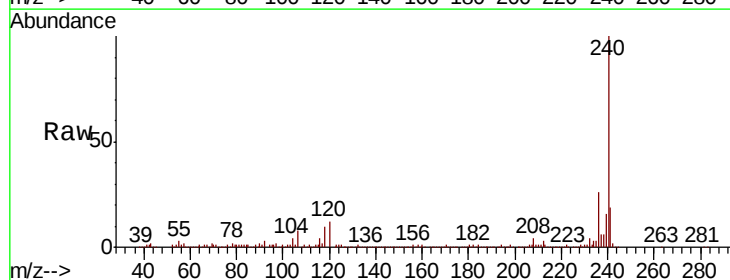


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

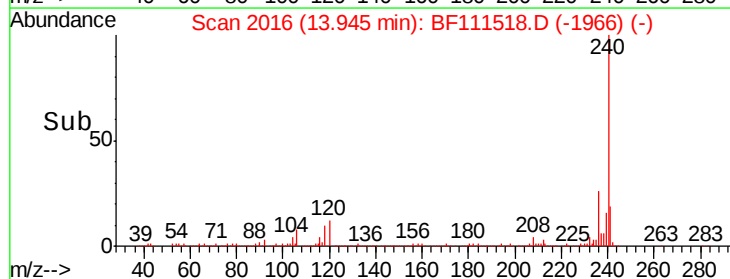
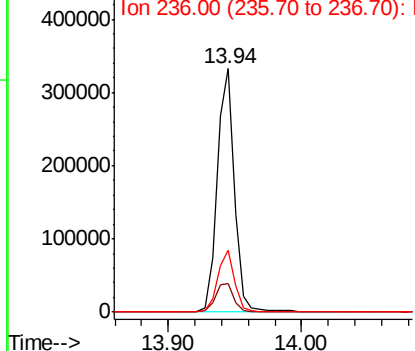


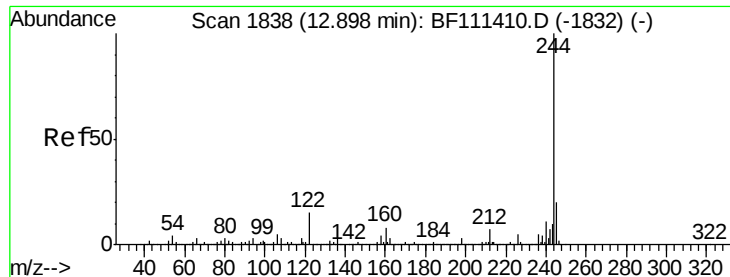
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111518.D
Acq: 16 Dec 2018 19:49

Tgt Ion:240 Resp: 304339
Ion Ratio Lower Upper
240 100
120 11.5 12.2 18.2#
236 25.6 20.2 30.2



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: 84.650 ng

RT: 12.89 min Scan# 1837

Delta R.T. -0.01 min

Lab File: BF111518.D

Acq: 16 Dec 2018 19:49

Instrument :

BNA_F

ClientSampleId :

EB10_1.5-2.5

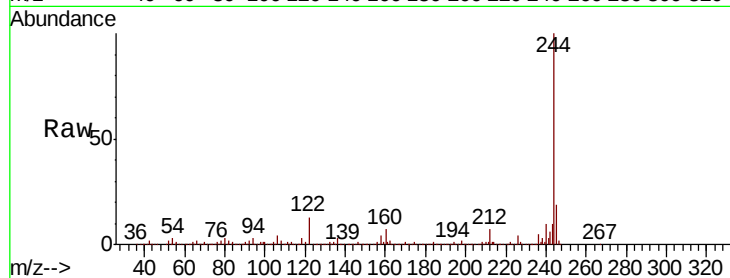
Tgt Ion:244 Resp: 1097093

Ion Ratio Lower Upper

244 100

212 6.7 5.7 8.5

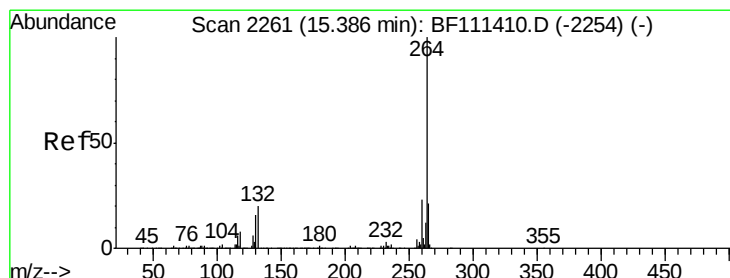
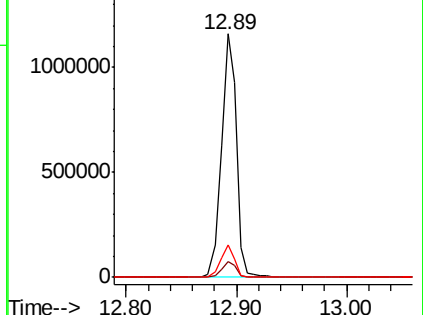
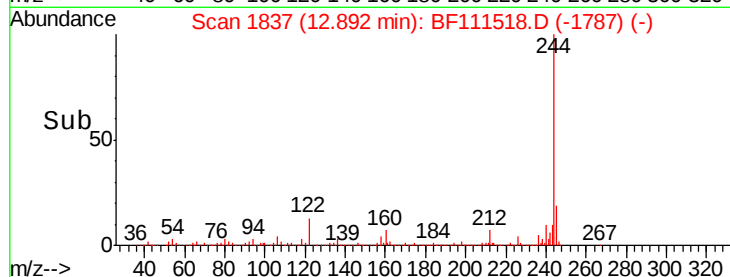
122 13.2 13.1 19.7



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: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111518.D

Acq: 16 Dec 2018 19:49

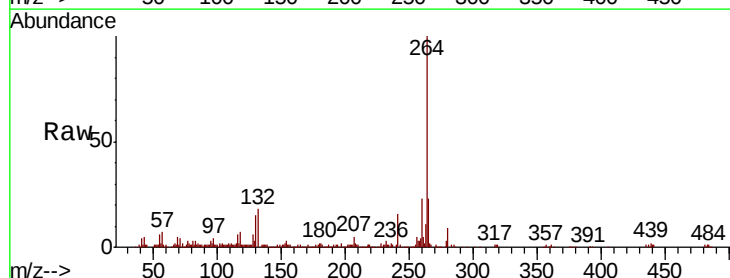
Tgt Ion:264 Resp: 209375

Ion Ratio Lower Upper

264 100

260 23.0 18.3 27.5

265 22.6 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

