

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111526.D
 Acq On : 16 Dec 2018 23:42
 Operator : JU/SJ
 Sample : J6377-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SD014-0612-01

Quant Time: Dec 17 06:47:20 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	122260	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	472118	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	190846	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	398435	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	375964	20.00	ng	0.00
87) Perylene-d12	15.38	264	275078	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.42	112	1083685	147.50	ng	0.00
7) Phenol-d6	6.44	99	1111280	113.71	ng	0.00
23) Nitrobenzene-d5	7.35	82	741050	93.47	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	179703	105.12	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1316891	106.58	ng	-0.01
79) Terphenyl-d14	12.89	244	1295639	80.92	ng	0.00

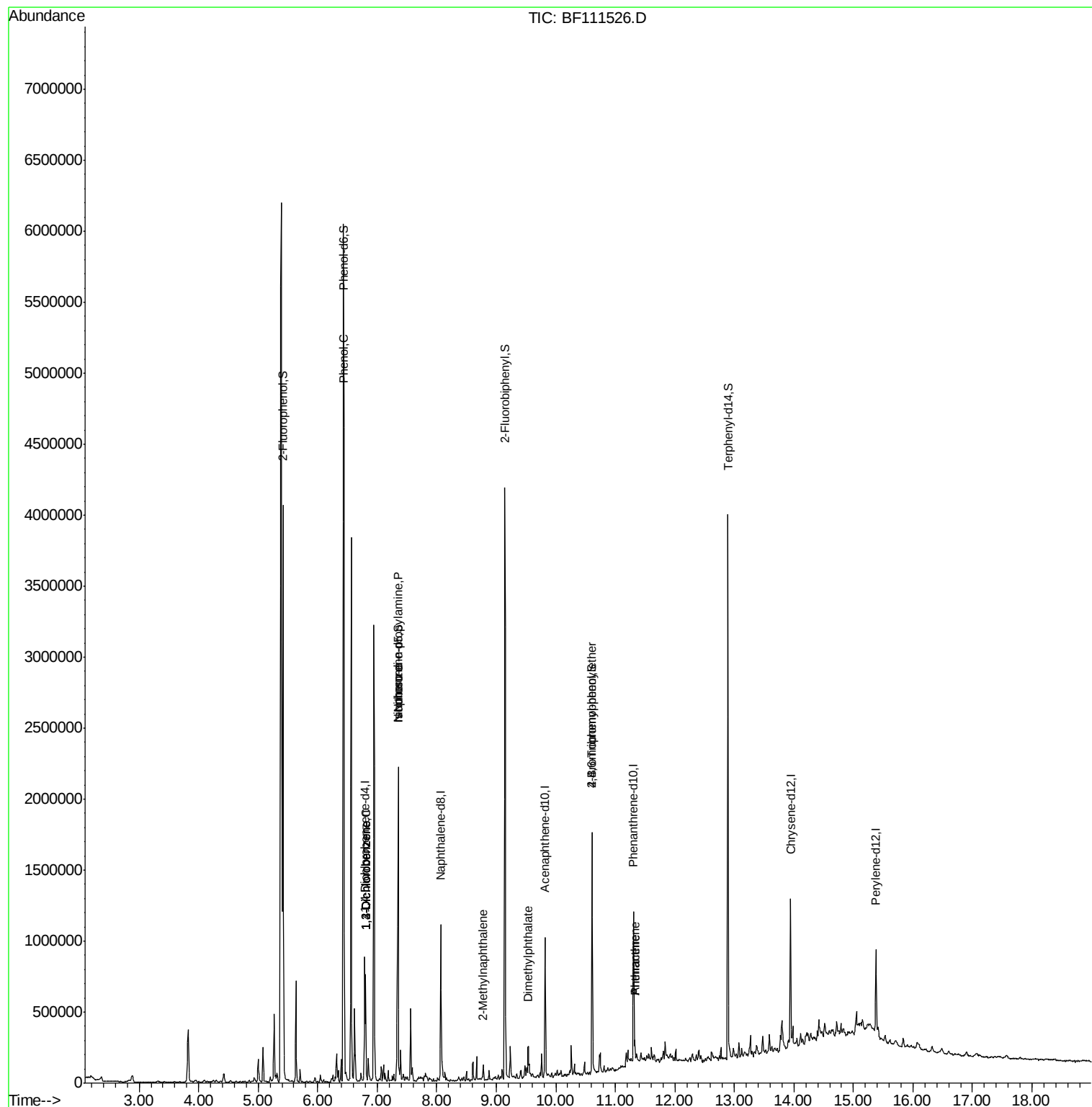
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.45	94	71053	6.527	ng	89
12) 1,3-Dichlorobenzene	6.80	146	145825	15.090	ng	99
13) 1,4-Dichlorobenzene	6.80	146	145825	14.867	ng	98
14) 1,2-Dichlorobenzene	6.80	146	145825	15.803	ng	98
19) n-Nitroso-di-n-propylamine	7.35	70	97281	15.088	ng	# 81
25) Isophorone	7.35	82	737614	54.985	ng	# 64
37) 2-Methylnaphthalene	8.78	142	31417	2.103	ng	97
50) Dimethylphthalate	9.54	163	70227	5.110	ng	# 98
67) 4-Bromophenyl-phenylether	10.61	248	11309	2.633	ng	# 1
71) Phenanthrene	11.33	178	46109	2.246	ng	94
72) Anthracene	11.33	178	46109	2.196	ng	95

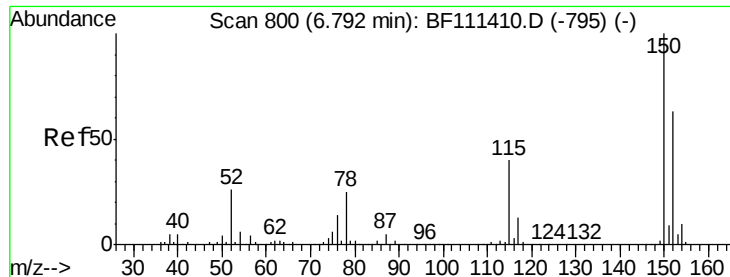
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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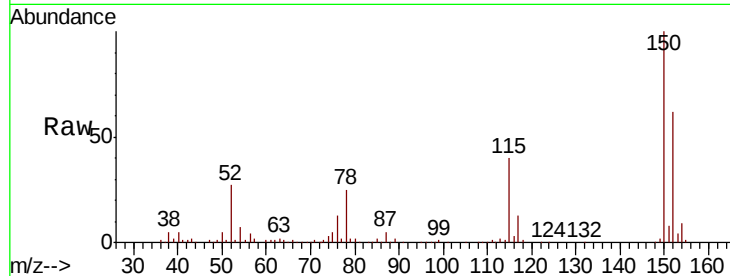


#1

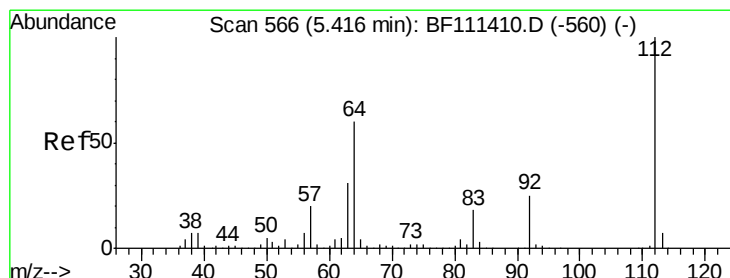
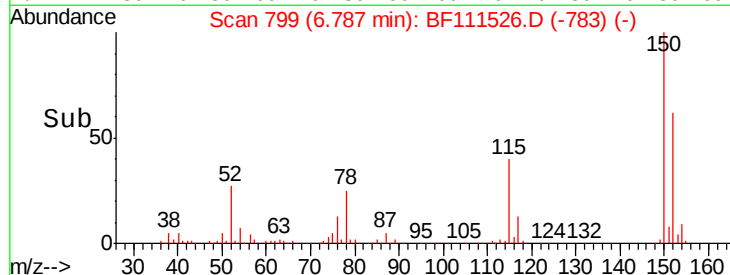
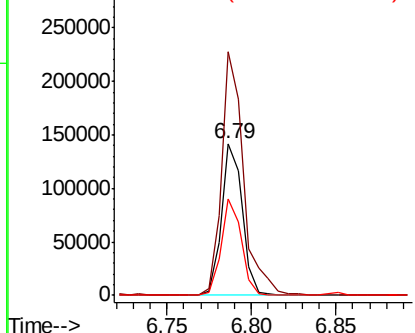
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF111526.D
Acq: 16 Dec 2018 23:42

Instrument :
BNA_F
ClientSampleId :
P001-SD014-0612-01

Tgt Ion:152 Resp: 122260
Ion Ratio Lower Upper
152 100
150 160.3 126.6 189.8
115 63.5 50.7 76.1



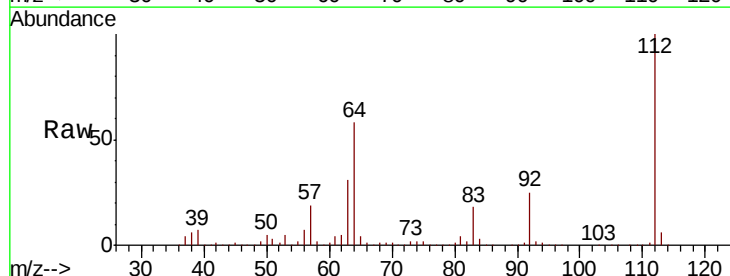
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



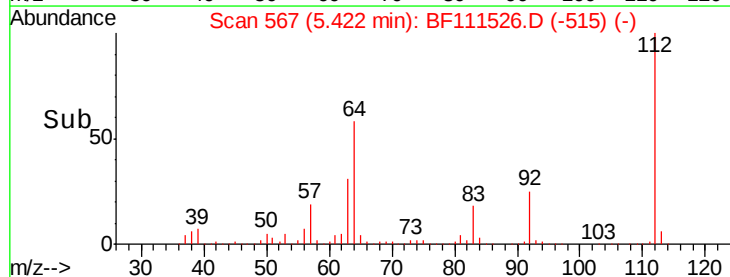
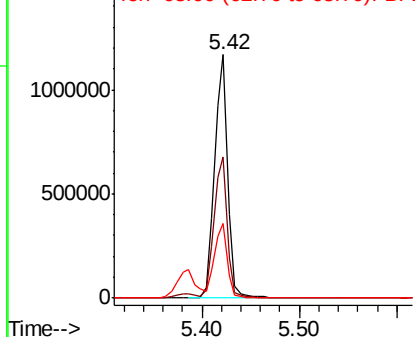
#5

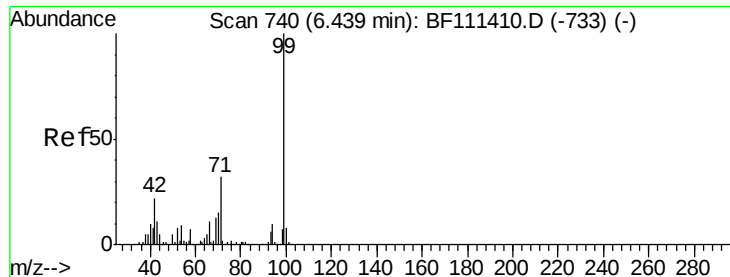
2-Fluorophenol
Concen: 147.498 ng
RT: 5.42 min Scan# 567
Delta R.T. 0.01 min
Lab File: BF111526.D
Acq: 16 Dec 2018 23:42

Tgt Ion:112 Resp: 1083685
Ion Ratio Lower Upper
112 100
64 58.2 51.8 77.6
63 30.6 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: 113.710 ng

RT: 6.44 min Scan# 740

Delta R.T. 0.00 min

Lab File: BF111526.D

Acq: 16 Dec 2018 23:42

Instrument :

BNA_F

ClientSampleId :

P001-SD014-0612-01

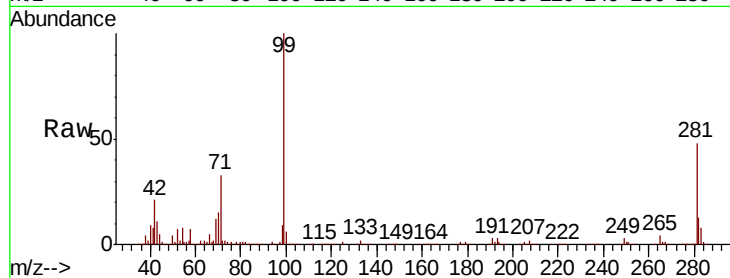
Tgt Ion: 99 Resp: 1111280

Ion Ratio Lower Upper

99 100

42 21.4 17.4 26.0

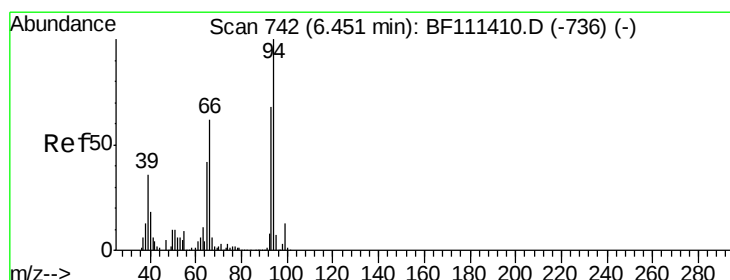
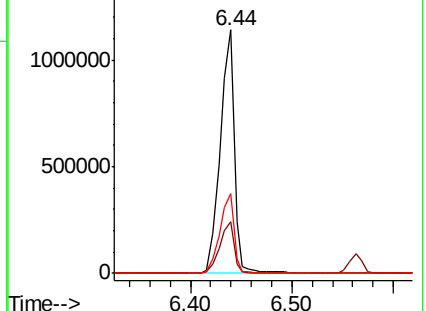
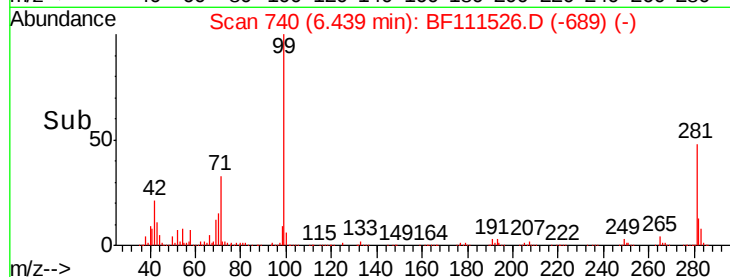
71 32.6 26.1 39.1



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: 6.527 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111526.D

Acq: 16 Dec 2018 23:42

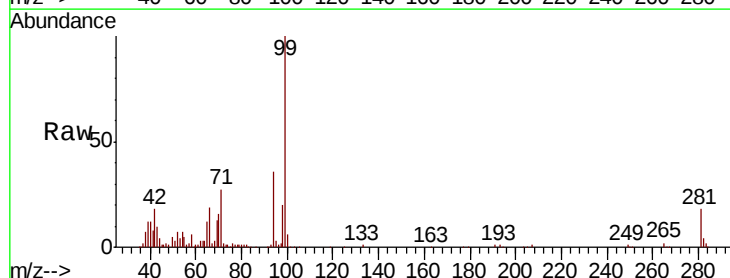
Tgt Ion: 94 Resp: 71053

Ion Ratio Lower Upper

94 100

65 33.6 11.7 51.7

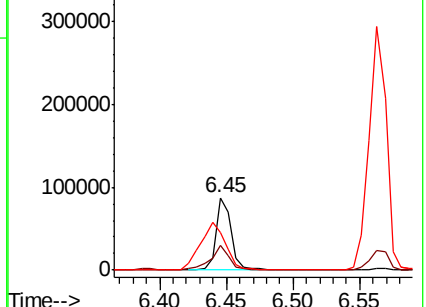
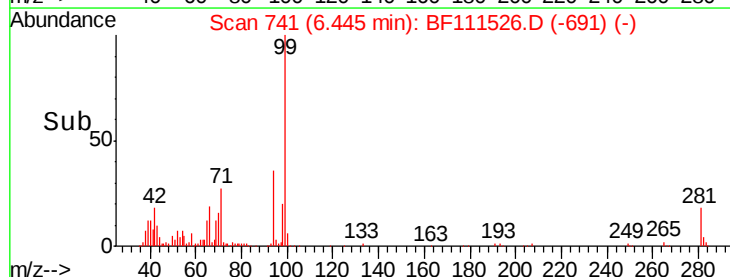
66 51.0 21.0 61.0

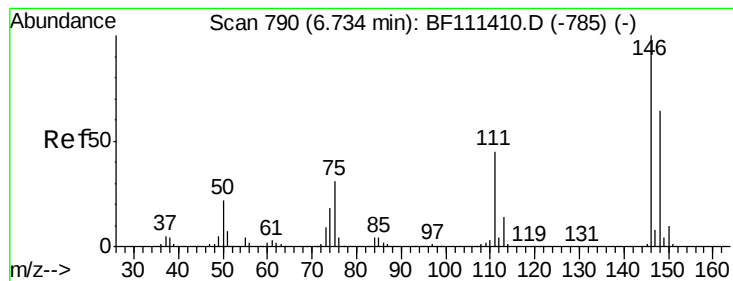


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1





#12

1,3-Dichlorobenzene

Concen: 15.090 ng

RT: 6.80 min Scan# 802

Delta R.T. 0.07 min

Lab File: BF111526.D

Acq: 16 Dec 2018 23:42

Instrument :

BNA_F

ClientSampleId :

P001-SD014-0612-01

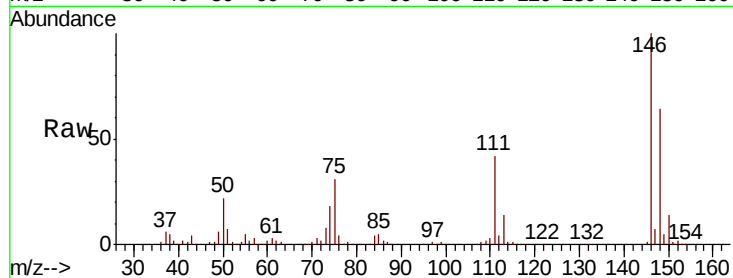
Tgt Ion:146 Resp: 145825

Ion Ratio Lower Upper

146 100

148 64.4 52.1 78.1

75 31.5 23.9 35.9

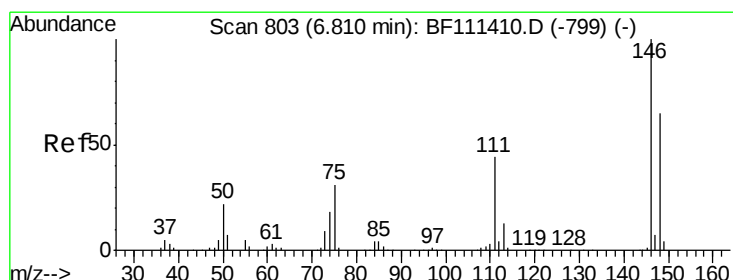
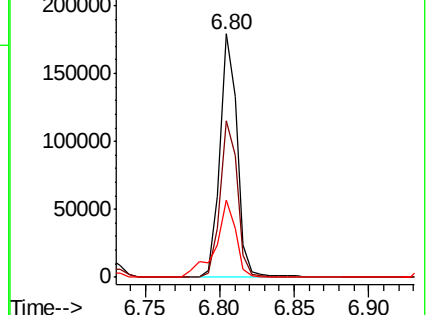
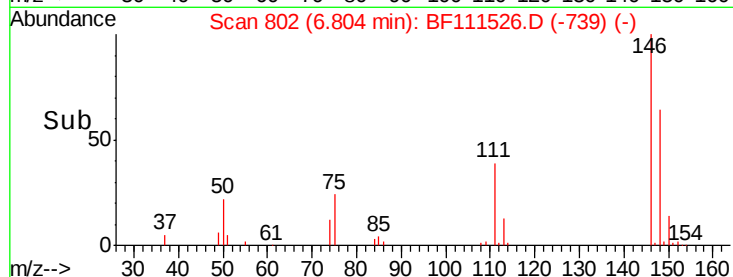


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF1



#13

1,4-Dichlorobenzene

Concen: 14.867 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF111526.D

Acq: 16 Dec 2018 23:42

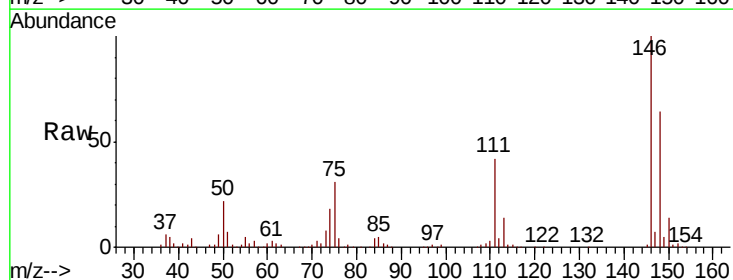
Tgt Ion:146 Resp: 145825

Ion Ratio Lower Upper

146 100

148 64.4 52.8 79.2

111 42.2 33.4 50.0

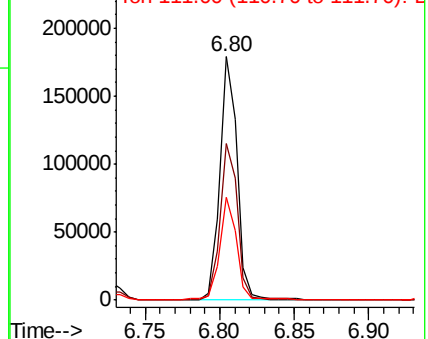
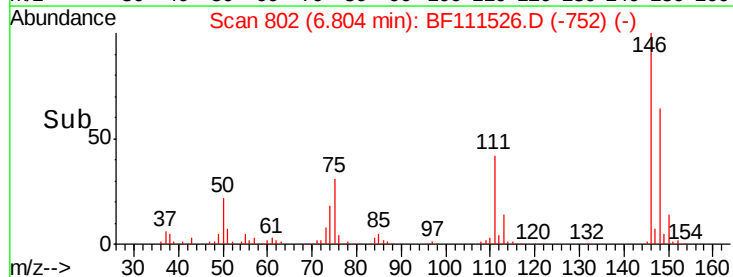


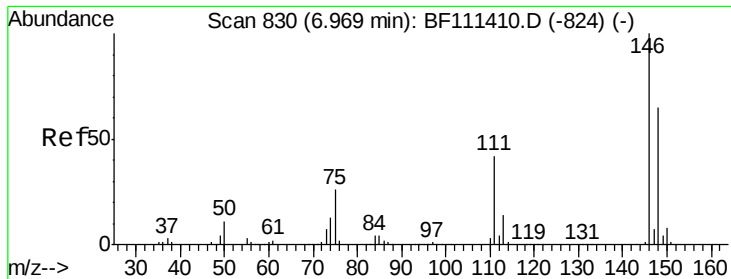
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

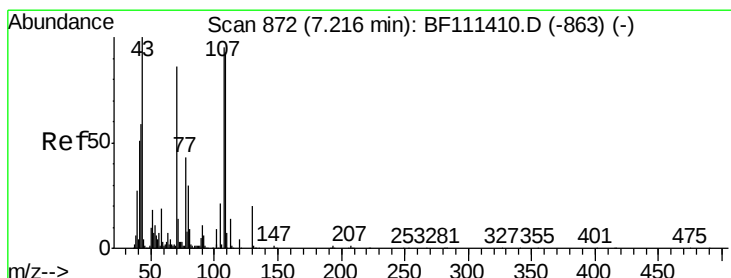
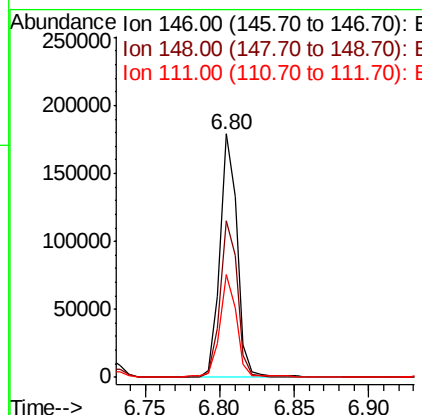
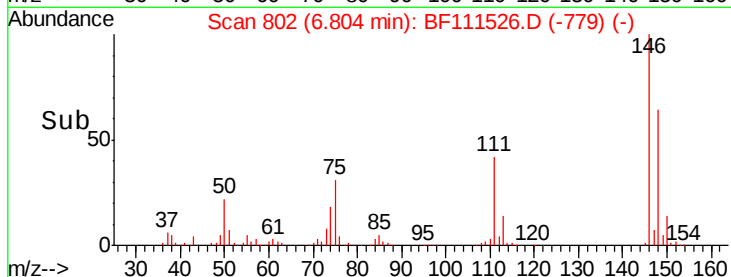
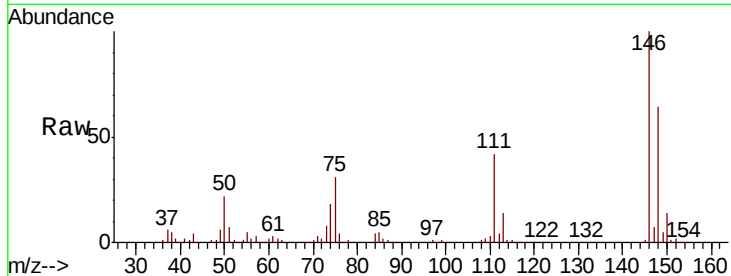




#14
 1,2-Dichlorobenzene
 Concen: 15.803 ng
 RT: 6.80 min Scan# 802
 Delta R.T. -0.16 min
 Lab File: BF111526.D
 Acq: 16 Dec 2018 23:42

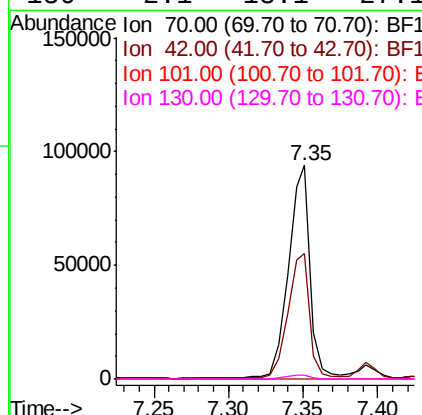
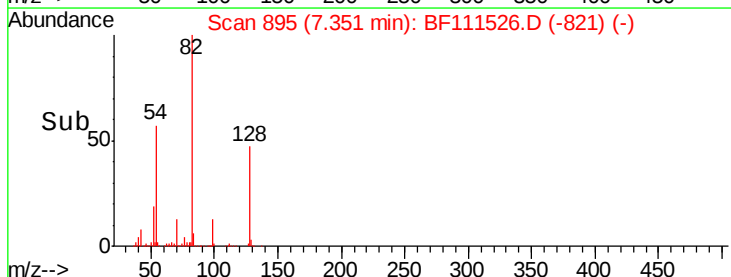
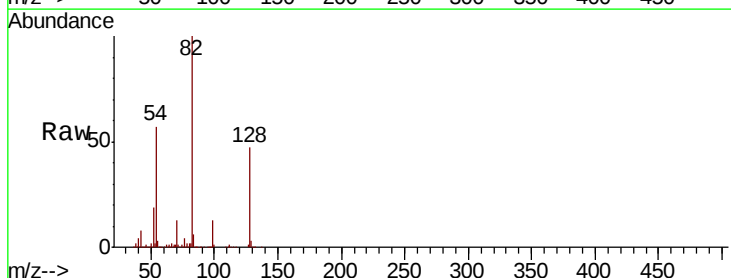
Instrument :
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 P001-SD014-0612-01

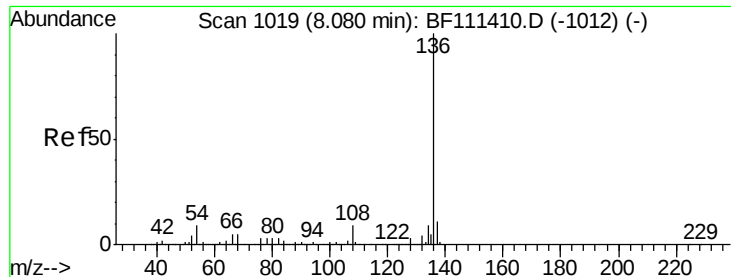
Tgt Ion:146 Resp: 145825
 Ion Ratio Lower Upper
 146 100
 148 64.4 51.9 77.9
 111 42.2 36.2 54.4



#19
 n-Nitroso-di-n-propylamine
 Concen: 15.088 ng
 RT: 7.35 min Scan# 895
 Delta R.T. 0.14 min
 Lab File: BF111526.D
 Acq: 16 Dec 2018 23:42

Tgt Ion: 70 Resp: 97281
 Ion Ratio Lower Upper
 70 100
 42 58.8 53.2 79.8
 101 0.0 8.2 12.4#
 130 2.1 18.1 27.1#

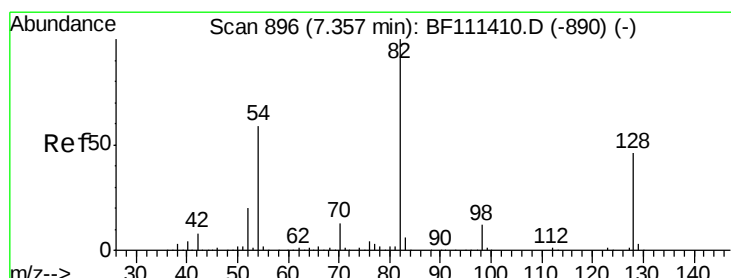
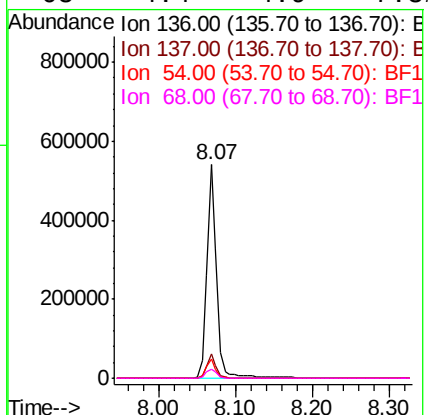
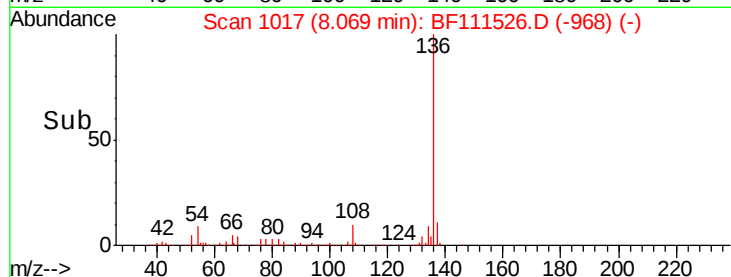
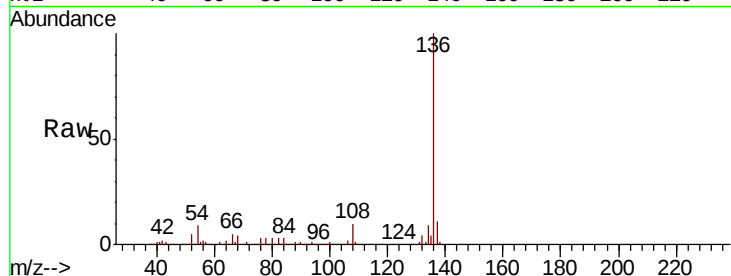




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111526.D
Acq: 16 Dec 2018 23:42

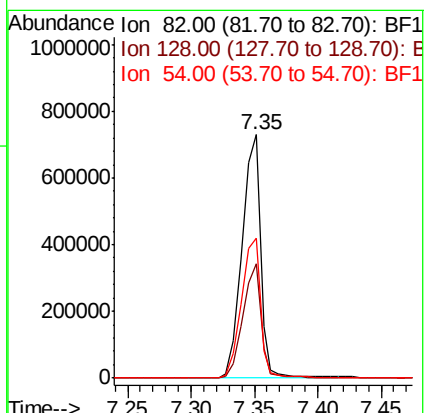
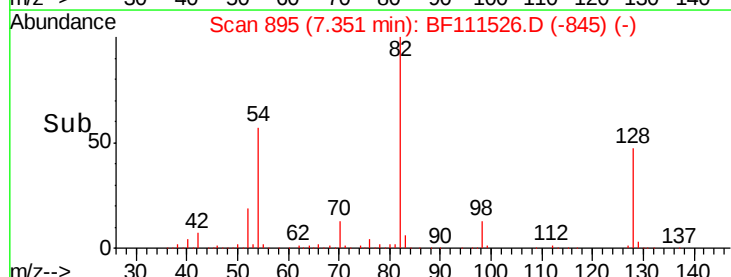
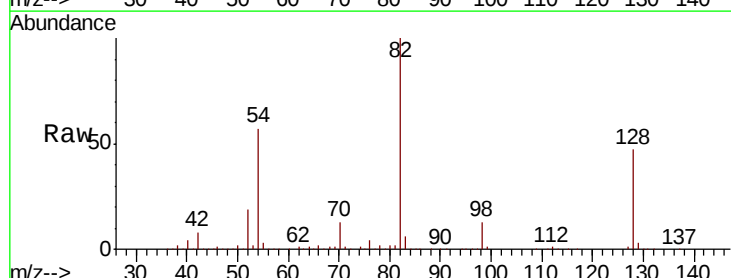
Instrument :
BNA_F
ClientSampleId :
P001-SD014-0612-01

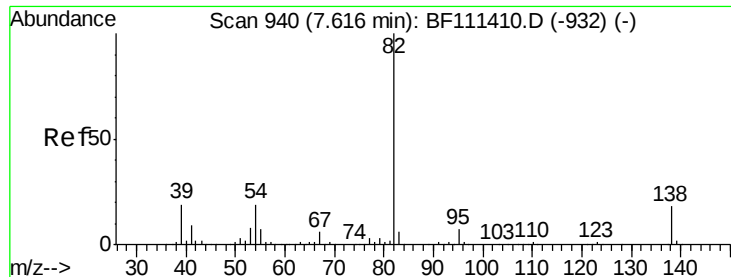
Tgt Ion:136 Resp: 472118
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 8.9 7.7 11.5
68 4.4 4.9 7.3#



#23
Nitrobenzene-d5
Concen: 93.469 ng
RT: 7.35 min Scan# 895
Delta R.T. -0.01 min
Lab File: BF111526.D
Acq: 16 Dec 2018 23:42

Tgt Ion: 82 Resp: 741050
Ion Ratio Lower Upper
82 100
128 47.2 37.4 56.2
54 57.4 47.6 71.4





#25

Isophorone

Concen: 54.985 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.26 min

Lab File: BF111526.D

Acq: 16 Dec 2018 23:42

Instrument :

BNA_F

ClientSampleId :

P001-SD014-0612-01

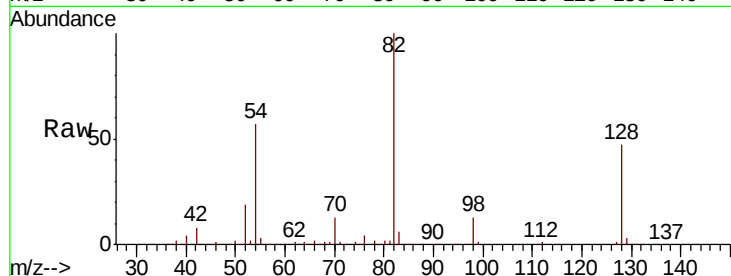
Tgt Ion: 82 Resp: 737614

Ion Ratio Lower Upper

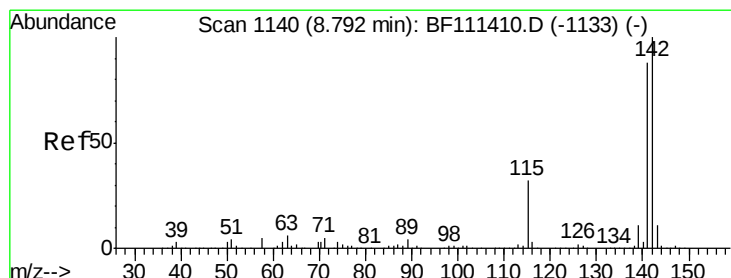
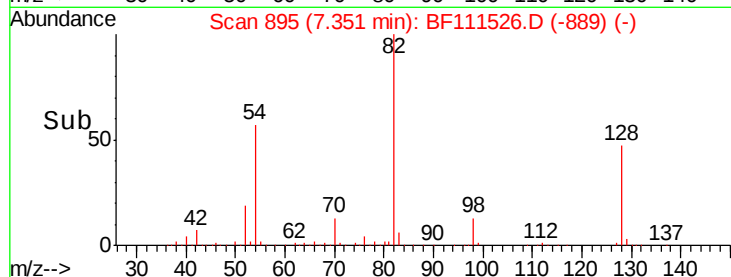
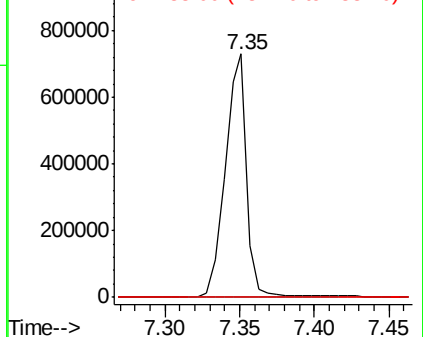
82 100

95 0.1 5.4 8.2#

138 0.0 15.1 22.7#



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



#37

2-Methylnaphthalene

Concen: 2.103 ng

RT: 8.78 min Scan# 1138

Delta R.T. -0.01 min

Lab File: BF111526.D

Acq: 16 Dec 2018 23:42

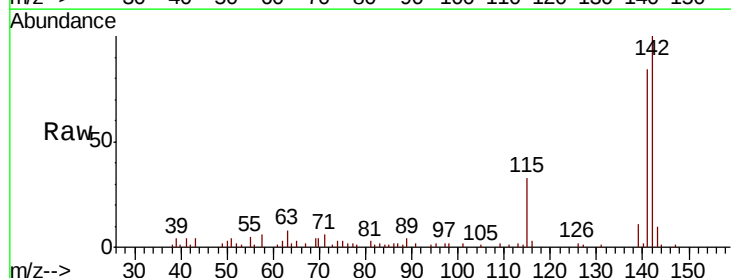
Tgt Ion: 142 Resp: 31417

Ion Ratio Lower Upper

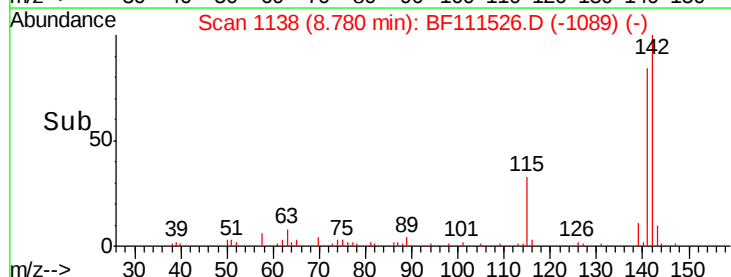
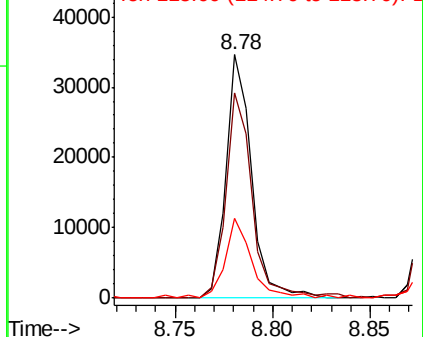
142 100

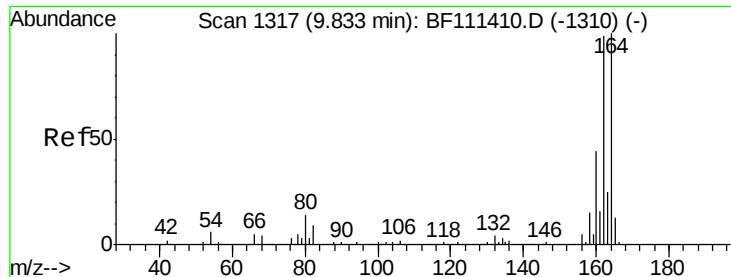
141 84.5 70.6 105.8

115 33.0 27.0 40.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

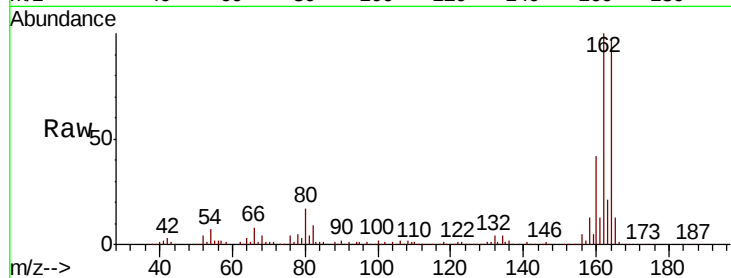




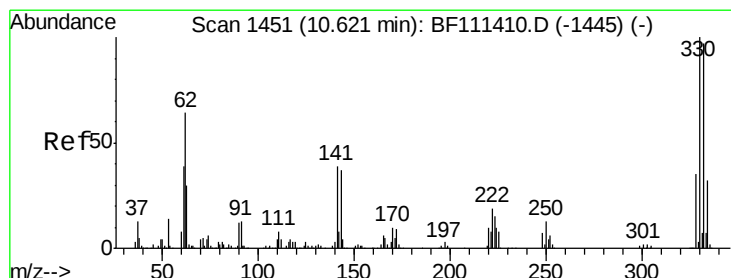
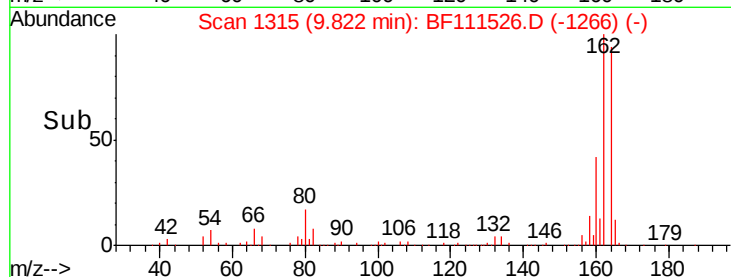
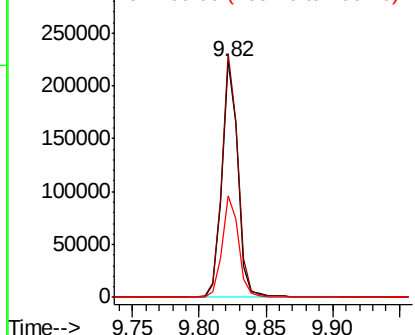
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1315
Delta R.T. -0.01 min
Lab File: BF111526.D
Acq: 16 Dec 2018 23:42

Instrument :
BNA_F
ClientSampleId :
P001-SD014-0612-01

Tgt Ion:164 Resp: 190846
Ion Ratio Lower Upper
164 100
162 103.2 81.4 122.0
160 43.3 35.7 53.5

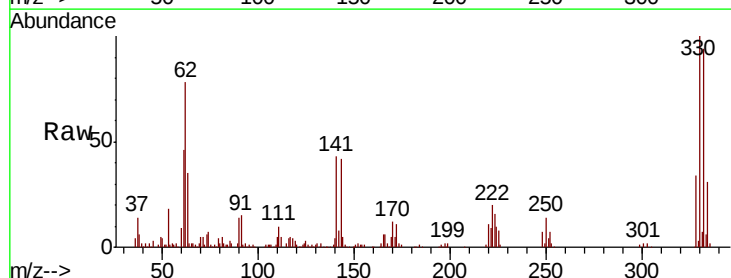


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

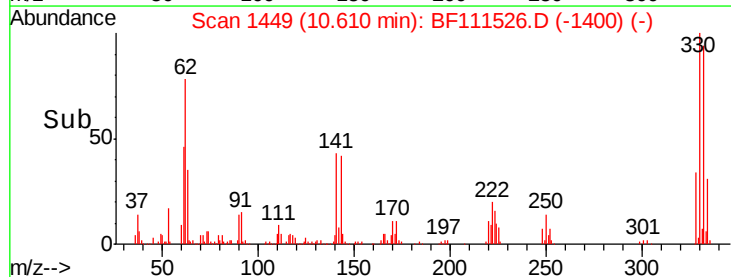
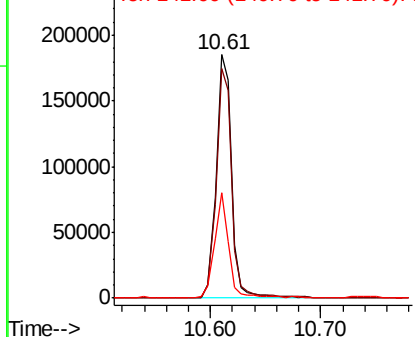


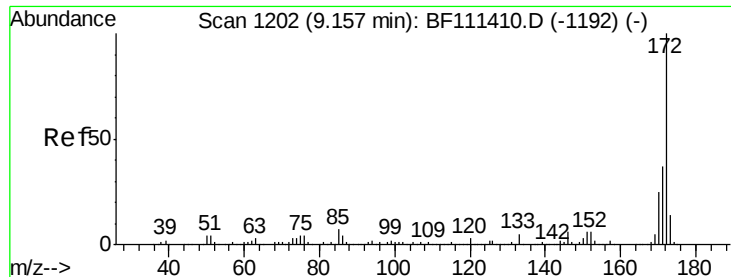
#42
2,4,6-Tribromophenol
Concen: 105.116 ng
RT: 10.61 min Scan# 1449
Delta R.T. -0.01 min
Lab File: BF111526.D
Acq: 16 Dec 2018 23:42

Tgt Ion:330 Resp: 179703
Ion Ratio Lower Upper
330 100
332 94.6 76.0 114.0
141 39.5 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

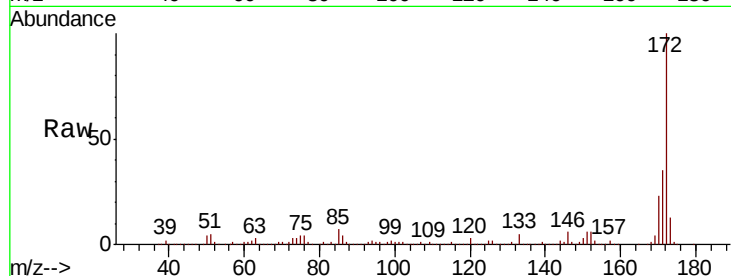




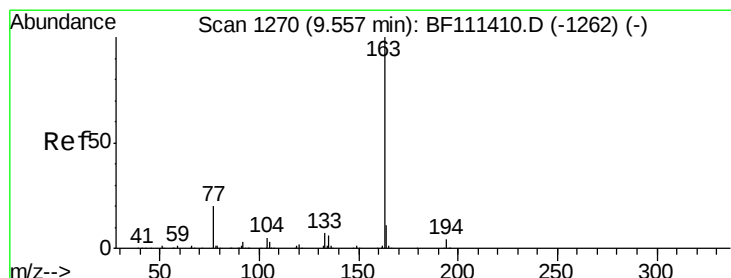
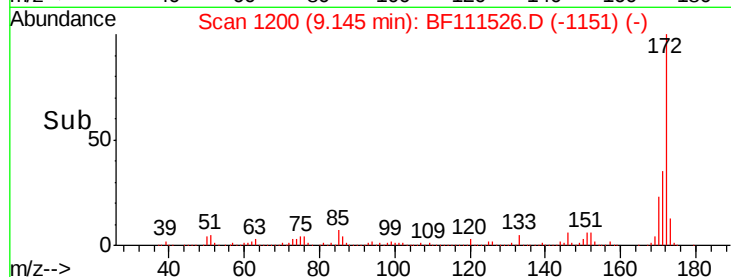
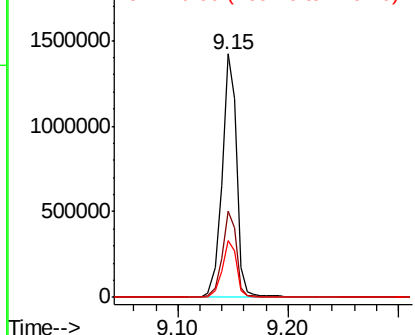
#45
2-Fluorobiphenyl
Concen: 106.584 ng
RT: 9.15 min Scan# 1200
Delta R.T. -0.01 min
Lab File: BF111526.D
Acq: 16 Dec 2018 23:42

Instrument :
BNA_F
ClientSampleId :
P001-SD014-0612-01

Tgt Ion:172 Resp: 1316891
Ion Ratio Lower Upper
172 100
171 35.2 33.0 49.4
170 23.4 22.3 33.5

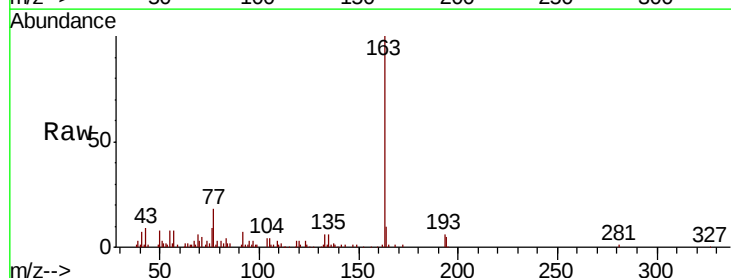


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

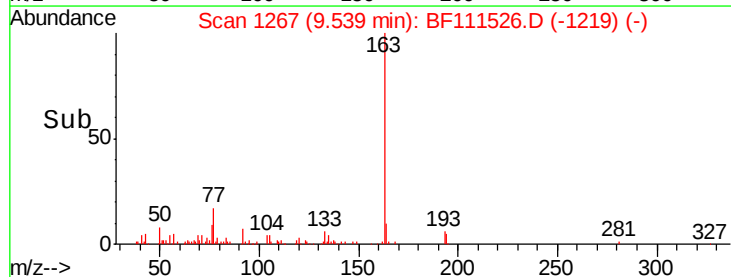
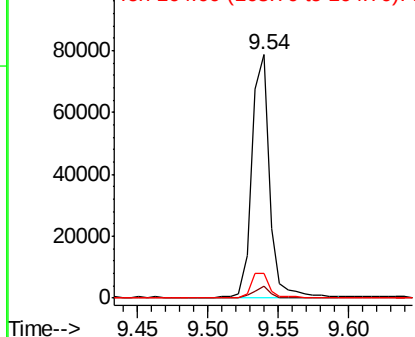


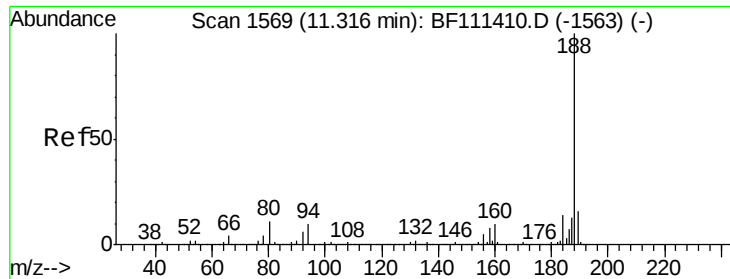
#50
Dimethylphthalate
Concen: 5.110 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111526.D
Acq: 16 Dec 2018 23:42

Tgt Ion:163 Resp: 70227
Ion Ratio Lower Upper
163 100
194 4.7 3.0 4.6#
164 10.4 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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF111526.D

Acq: 16 Dec 2018 23:42

Instrument :

BNA_F

ClientSampleId :

P001-SD014-0612-01

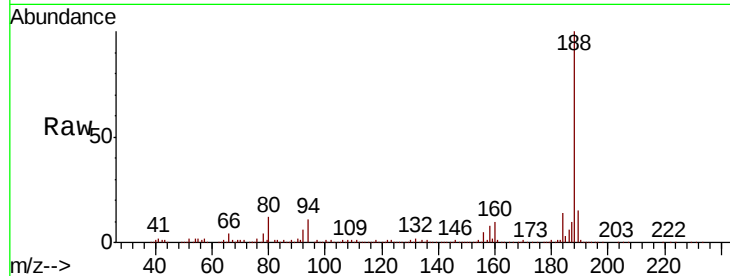
Tgt Ion:188 Resp: 398435

Ion Ratio Lower Upper

188 100

94 11.1 9.6 14.4

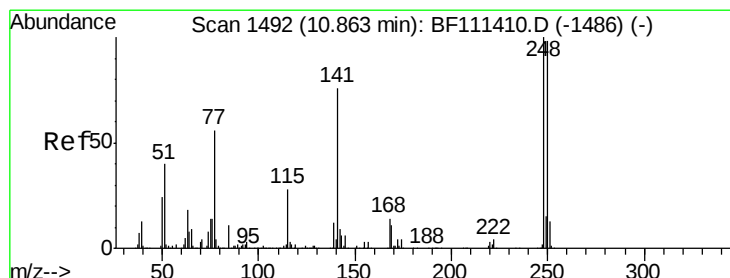
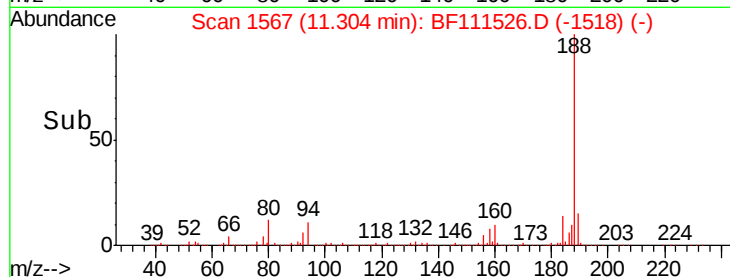
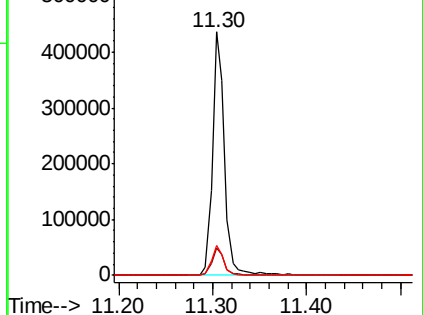
80 12.0 9.8 14.6



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: 2.633 ng

RT: 10.61 min Scan# 1449

Delta R.T. -0.25 min

Lab File: BF111526.D

Acq: 16 Dec 2018 23:42

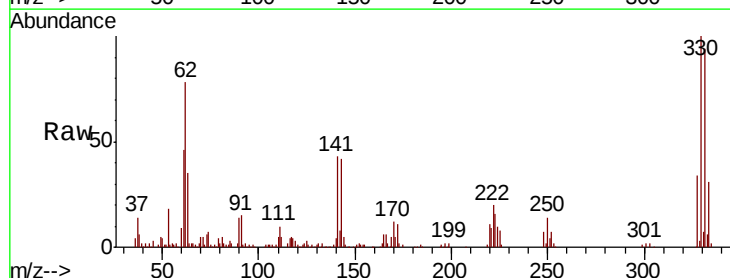
Tgt Ion:248 Resp: 11309

Ion Ratio Lower Upper

248 100

250 200.9 77.0 115.4#

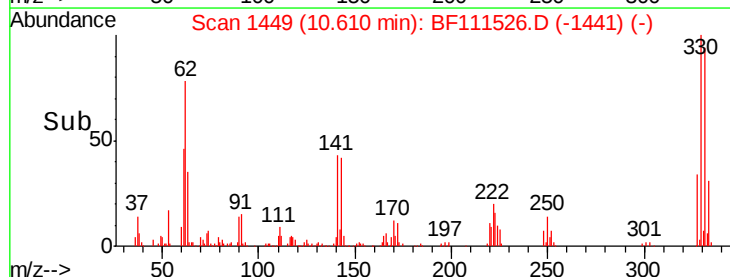
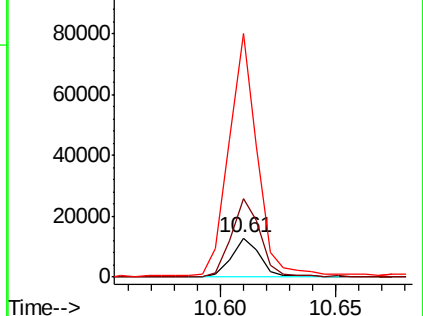
141 625.5 63.0 94.6#

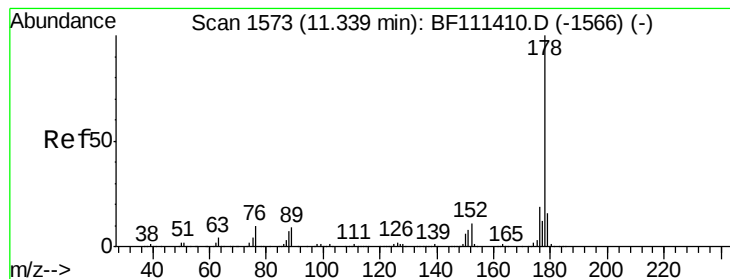


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#71

Phenanthrene

Concen: 2.246 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.01 min

Lab File: BF111526.D

Acq: 16 Dec 2018 23:42

Instrument :

BNA_F

ClientSampleId :

P001-SD014-0612-01

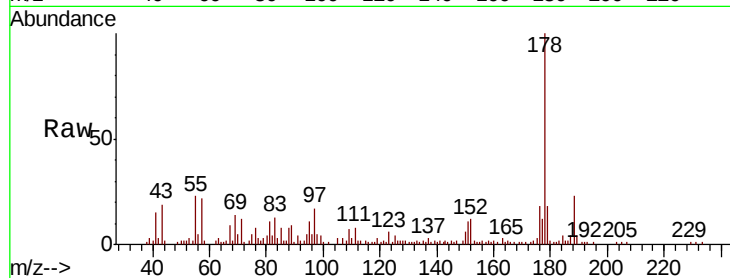
Tgt Ion:178 Resp: 46109

Ion Ratio Lower Upper

178 100

176 18.3 18.1 27.1

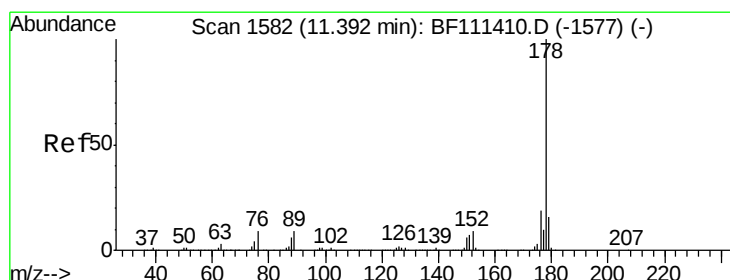
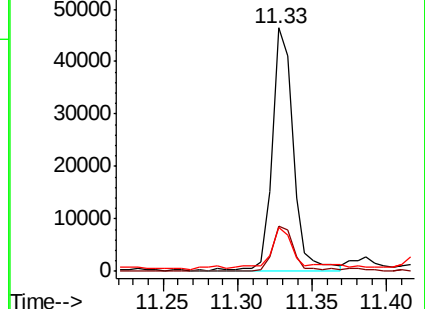
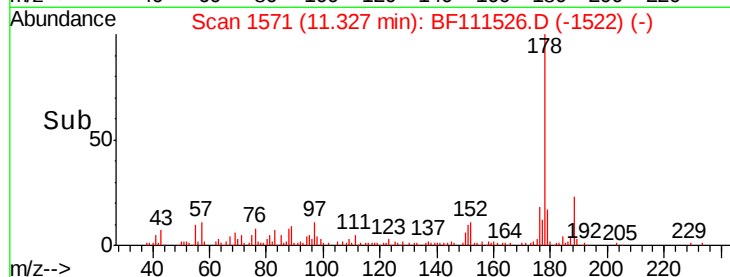
179 18.2 14.0 21.0



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 2.196 ng

RT: 11.33 min Scan# 1571

Delta R.T. -0.06 min

Lab File: BF111526.D

Acq: 16 Dec 2018 23:42

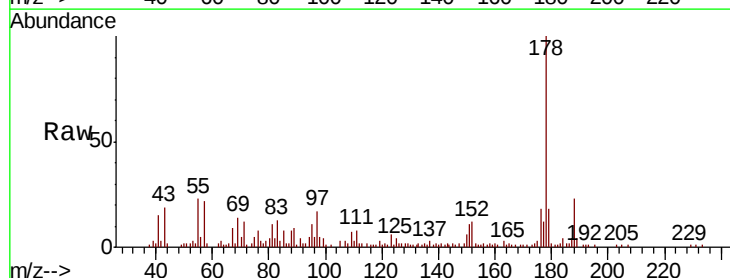
Tgt Ion:178 Resp: 46109

Ion Ratio Lower Upper

178 100

176 18.3 17.2 25.8

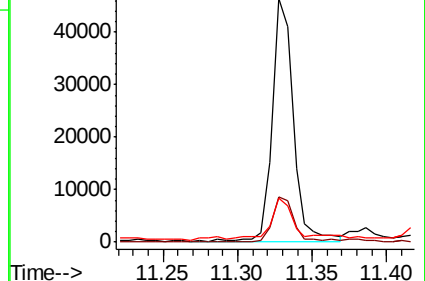
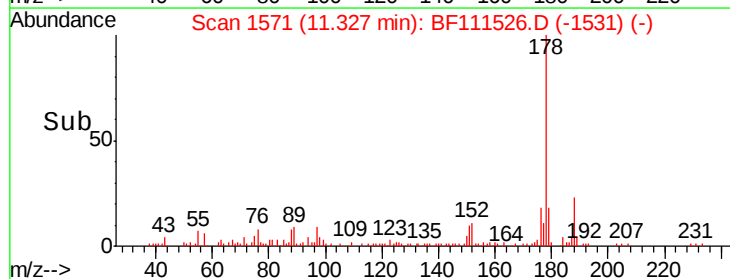
179 18.2 13.8 20.8

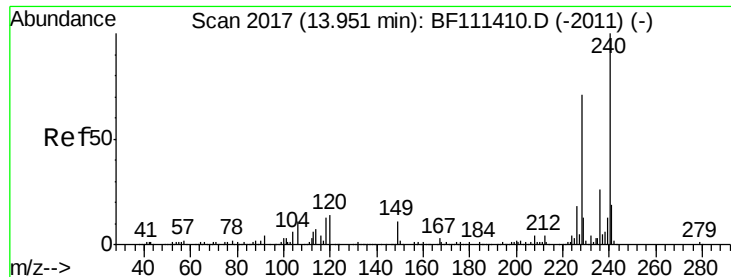


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

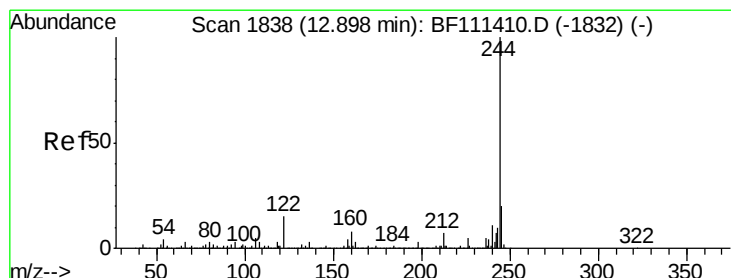
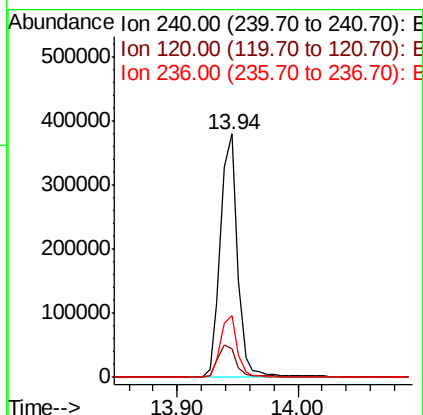
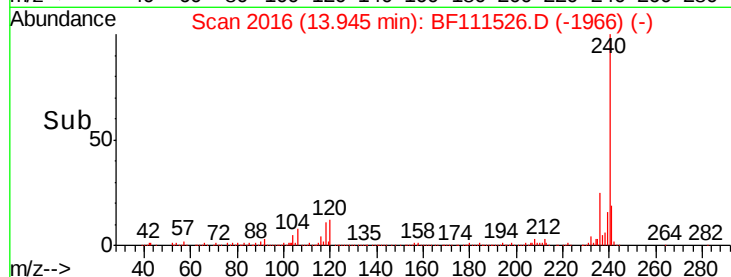
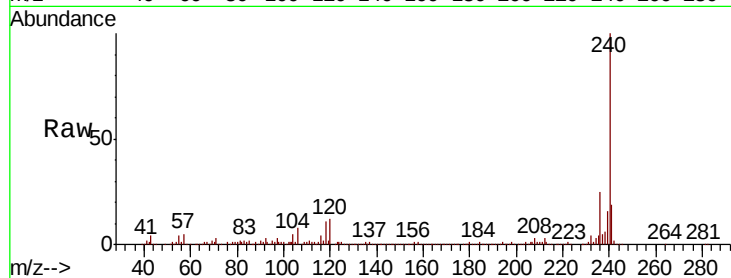




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111526.D
Acq: 16 Dec 2018 23:42

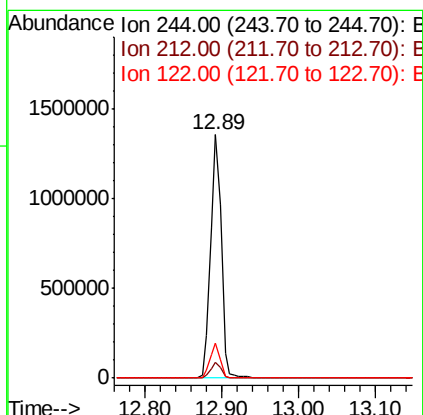
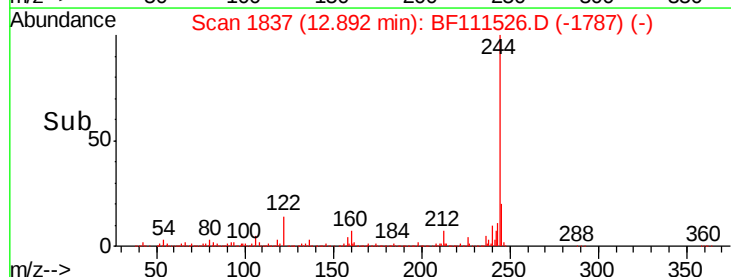
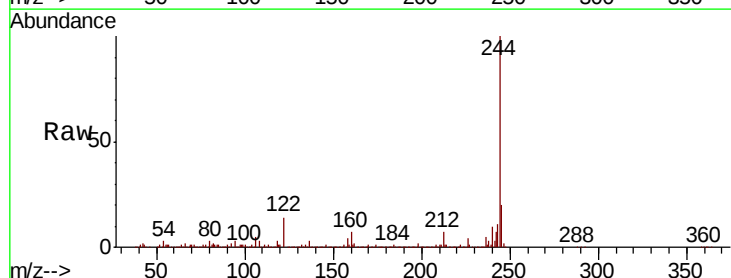
Instrument :
BNA_F
ClientSampleId :
P001-SD014-0612-01

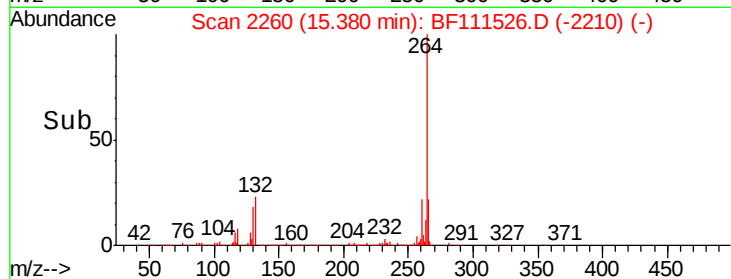
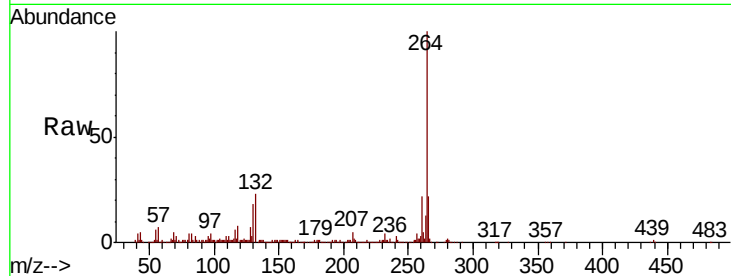
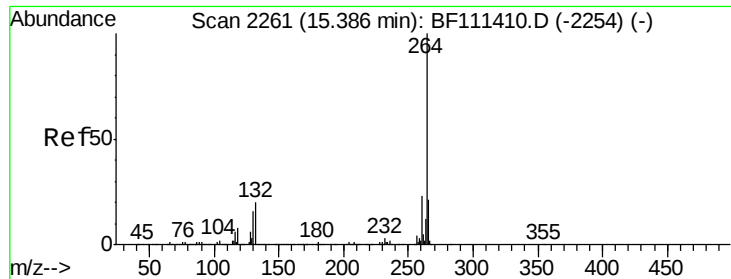
Tgt Ion:240 Resp: 375964
Ion Ratio Lower Upper
240 100
120 12.0 12.2 18.2#
236 25.2 20.2 30.2



#79
Terphenyl-d14
Concen: 80.924 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111526.D
Acq: 16 Dec 2018 23:42

Tgt Ion:244 Resp: 1295639
Ion Ratio Lower Upper
244 100
212 6.6 5.7 8.5
122 14.3 13.1 19.7





#87

Perylene-d12

Concen: 20.000 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111526.D

Acq: 16 Dec 2018 23:42

Instrument :

BNA_F

ClientSampleId :

P001-SD014-0612-01

Tgt Ion:264 Resp: 275078

Ion Ratio Lower Upper

264 100

260 22.2 18.3 27.5

265 21.8 17.7 26.5

