

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF121618\
 Data File : BF111524.D
 Acq On : 16 Dec 2018 22:44
 Operator : JU/SJ
 Sample : J6377-02 10X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SD012-0612-02

Quant Time: Dec 17 06:46:58 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

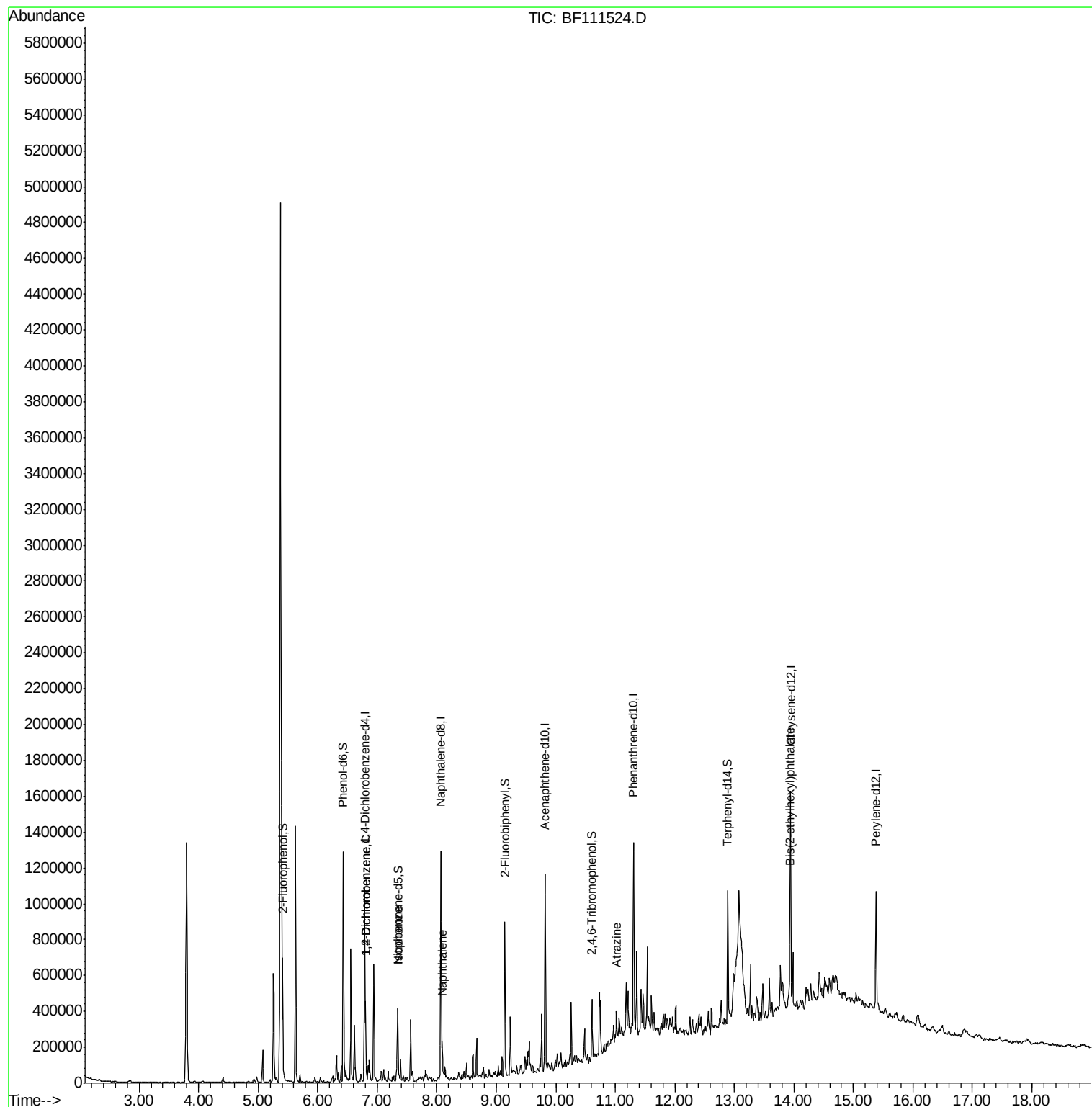
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	148272	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	564123	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	222799	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	406291	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	412501	20.00	ng	0.00
87) Perylene-d12	15.38	264	309370	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.41	112	190347	21.36	ng	0.00
7) Phenol-d6	6.43	99	231479	19.53	ng	-0.01
23) Nitrobenzene-d5	7.35	82	131054	13.83	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	32598	16.33	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	252934	17.54	ng	-0.01
79) Terphenyl-d14	12.89	244	241020	13.72	ng	0.00
Target Compounds						
13) 1,4-Dichlorobenzene	6.80	146	85840	7.216	ng	96
14) 1,2-Dichlorobenzene	6.80	146	85840	7.671	ng	95
25) Isophorone	7.35	82	130921	8.168	ng	# 64
31) Naphthalene	8.09	128	77153	2.924	ng	94
69) Atrazine	11.02	200	14772	3.648	ng	# 40
84) Bis(2-ethylhexyl)phthalate	13.93	149	76590	4.230	ng	96

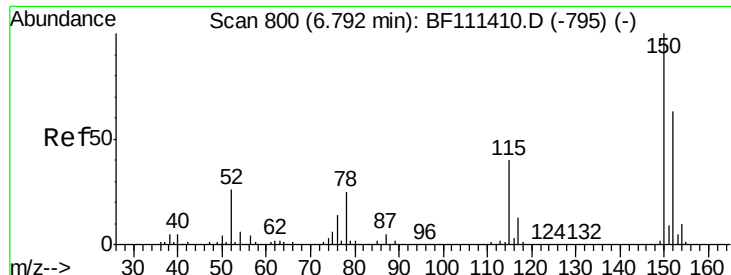
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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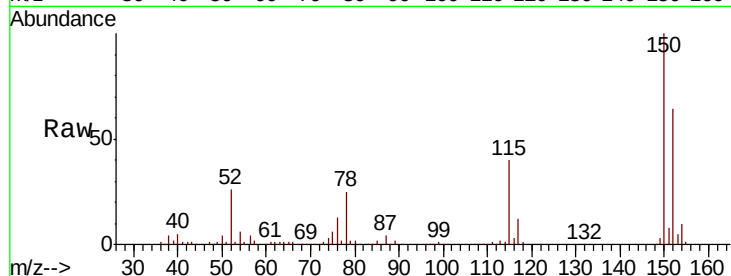




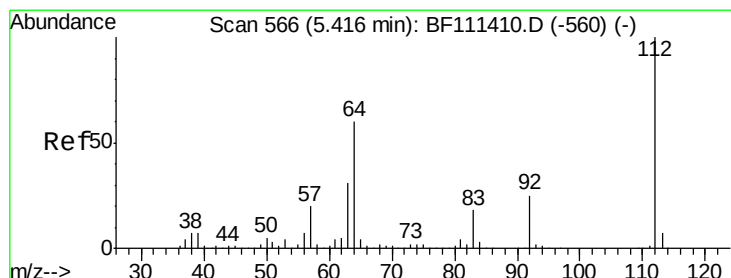
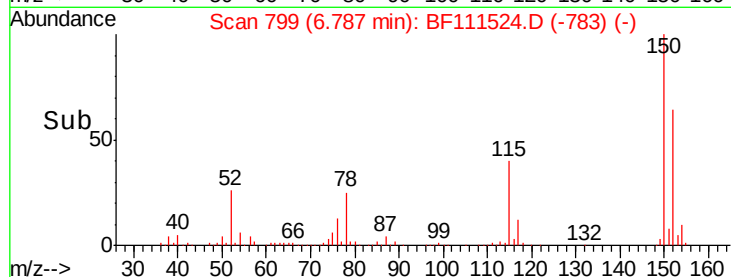
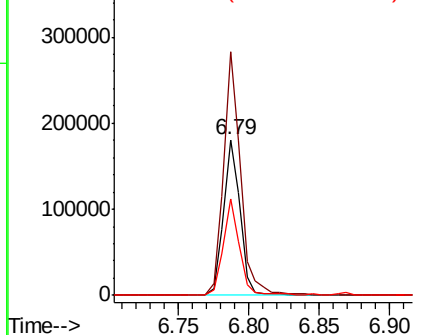
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111524.D
 Acq: 16 Dec 2018 22:44

Instrument :
 BNA_F
 ClientSampleId :
 P001-SD012-0612-02

Tgt Ion:152 Resp: 148272
 Ion Ratio Lower Upper
 152 100
 150 156.7 126.6 189.8
 115 62.4 50.7 76.1

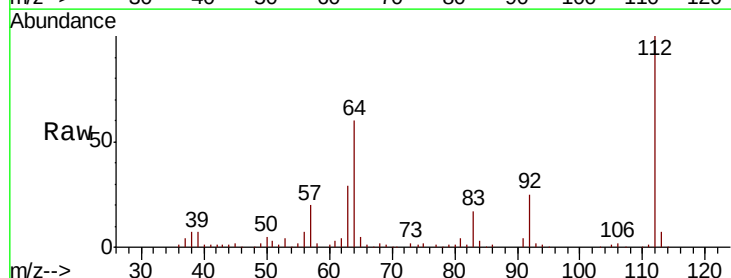


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

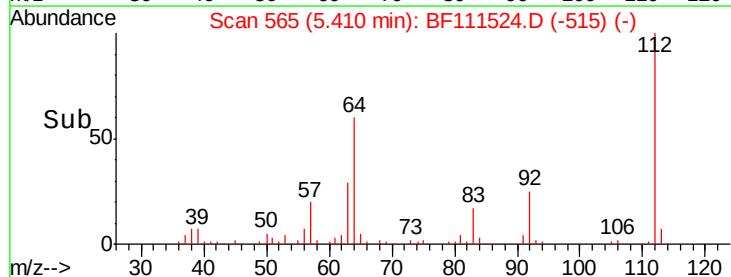
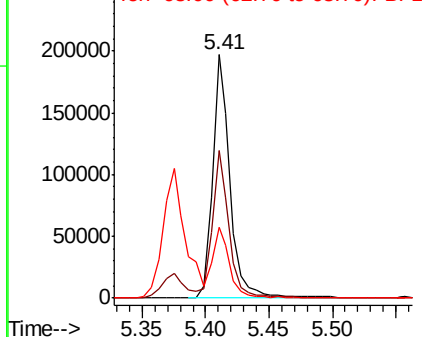


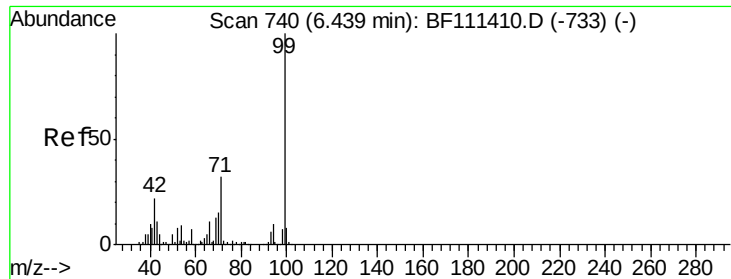
#5
 2-Fluorophenol
 Concen: 21.363 ng
 RT: 5.41 min Scan# 565
 Delta R.T. -0.00 min
 Lab File: BF111524.D
 Acq: 16 Dec 2018 22:44

Tgt Ion:112 Resp: 190347
 Ion Ratio Lower Upper
 112 100
 64 60.4 51.8 77.6
 63 29.1 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: 19.530 ng

RT: 6.43 min Scan# 738

Delta R.T. -0.01 min

Lab File: BF111524.D

Acq: 16 Dec 2018 22:44

Instrument :

BNA_F

ClientSampleId :

P001-SD012-0612-02

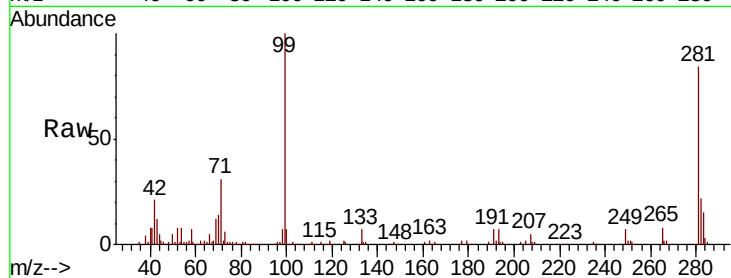
Tgt Ion: 99 Resp: 231479

Ion Ratio Lower Upper

99 100

42 20.5 17.4 26.0

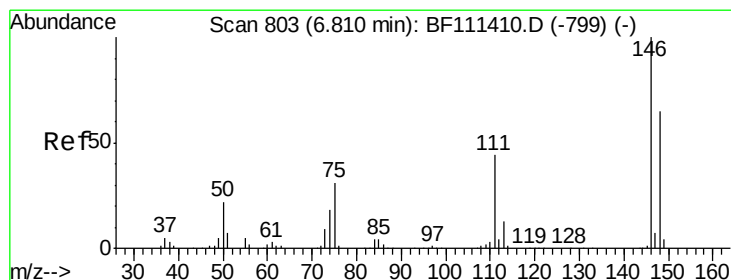
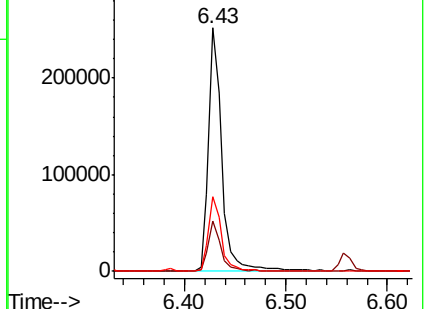
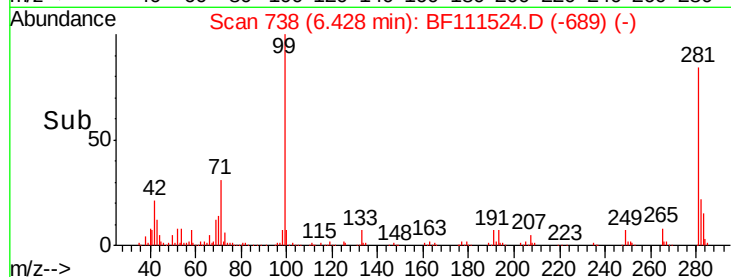
71 30.7 26.1 39.1



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



#13

1,4-Dichlorobenzene

Concen: 7.216 ng

RT: 6.80 min Scan# 802

Delta R.T. -0.01 min

Lab File: BF111524.D

Acq: 16 Dec 2018 22:44

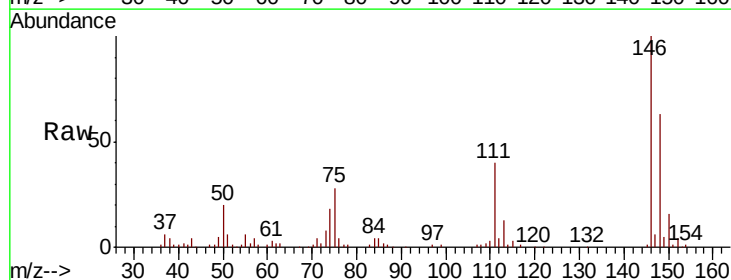
Tgt Ion: 146 Resp: 85840

Ion Ratio Lower Upper

146 100

148 62.6 52.8 79.2

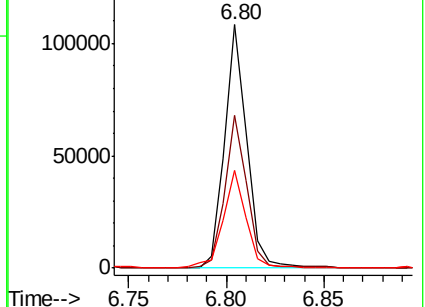
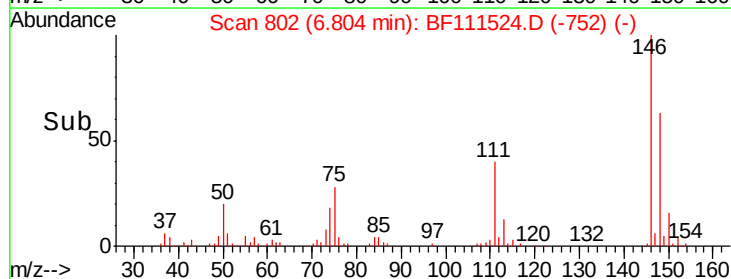
111 40.2 33.4 50.0

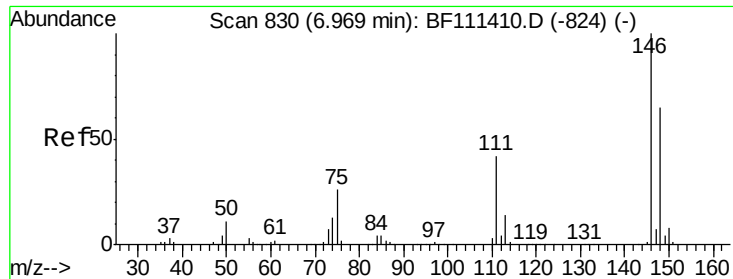


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E

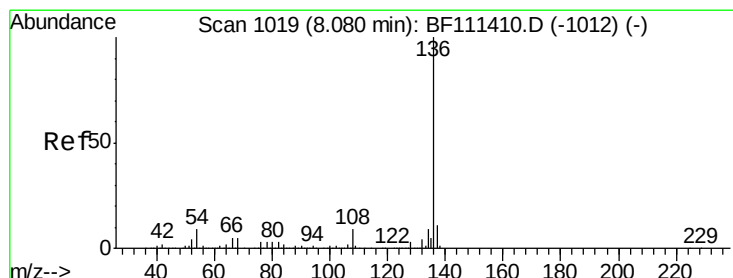
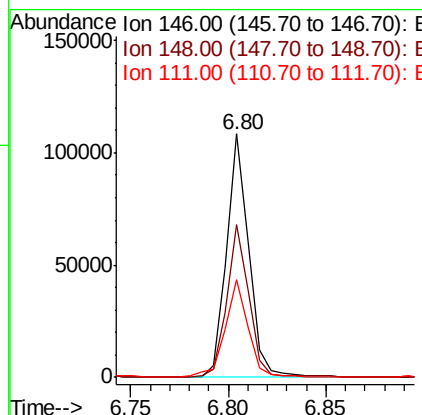
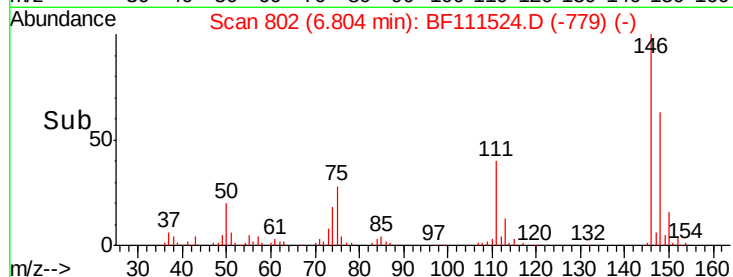
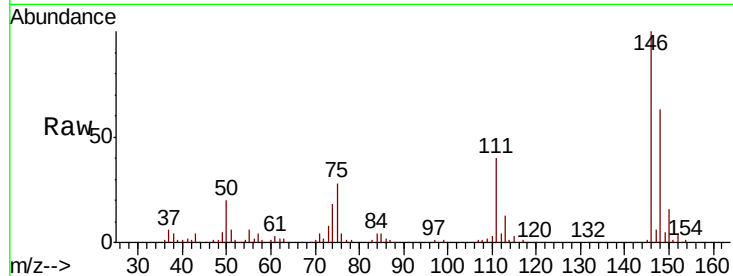




#14
1,2-Dichlorobenzene
Concen: 7.671 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.16 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

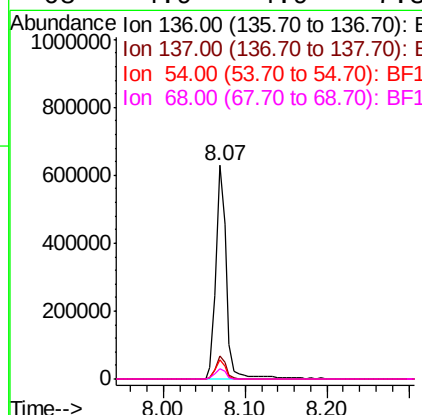
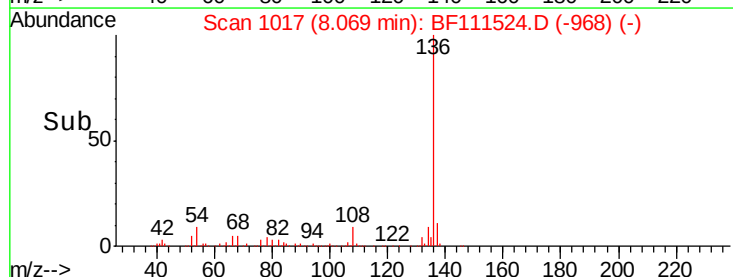
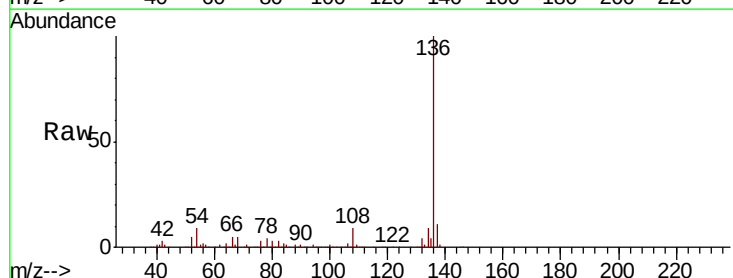
Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

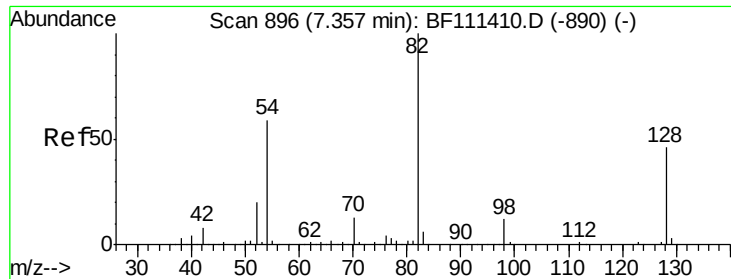
Tgt Ion:146 Resp: 85840
Ion Ratio Lower Upper
146 100
148 62.6 51.9 77.9
111 40.2 36.2 54.4



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

Tgt Ion:136 Resp: 564123
Ion Ratio Lower Upper
136 100
137 10.8 9.1 13.7
54 8.8 7.7 11.5
68 4.9 4.9 7.3#

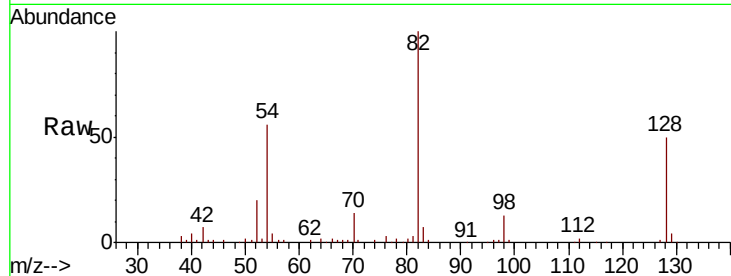




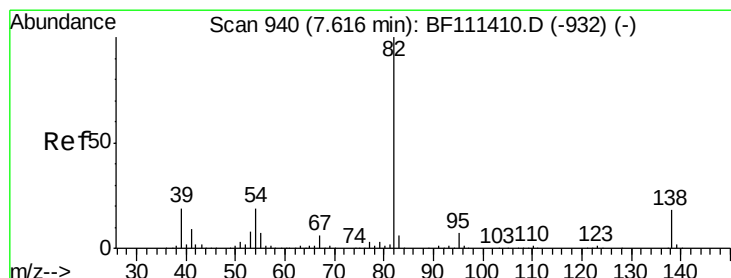
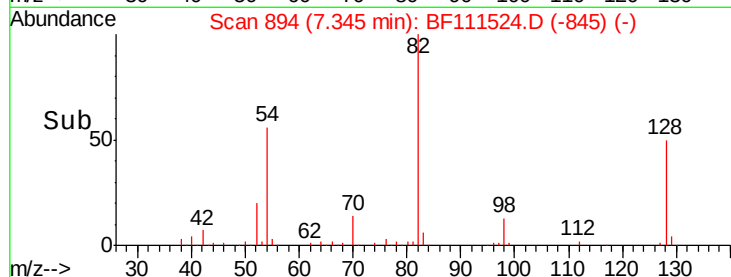
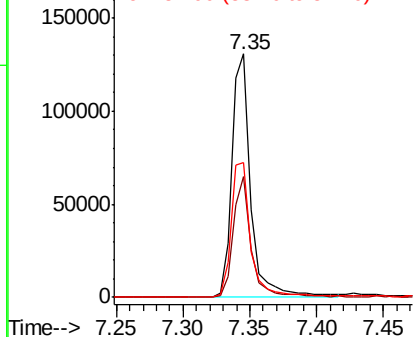
#23
 Nitrobenzene-d5
 Concen: 13.834 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF111524.D
 Acq: 16 Dec 2018 22:44

Instrument :
 BNA_F
 ClientSampleId :
 P001-SD012-0612-02

Tgt Ion: 82 Resp: 131054
 Ion Ratio Lower Upper
 82 100
 128 49.5 37.4 56.2
 54 55.6 47.6 71.4

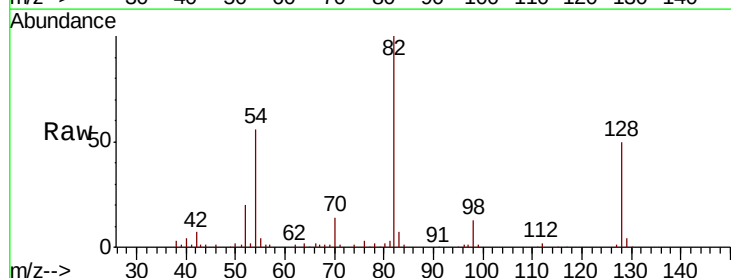


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

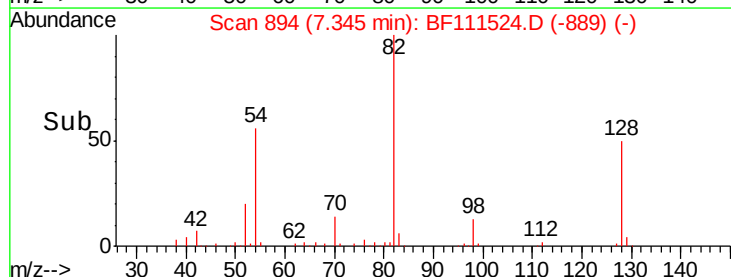
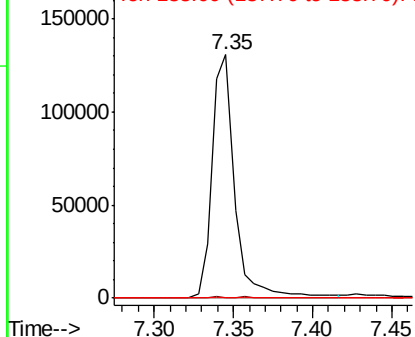


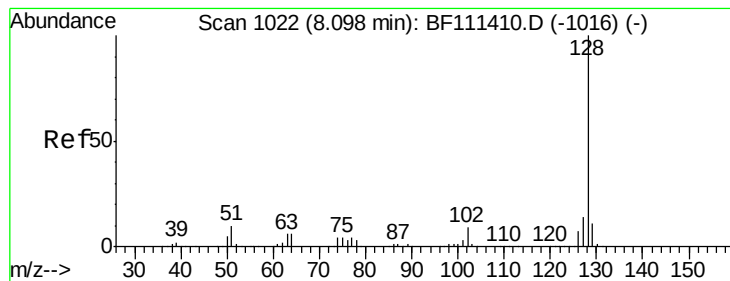
#25
 Isophorone
 Concen: 8.168 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.27 min
 Lab File: BF111524.D
 Acq: 16 Dec 2018 22:44

Tgt Ion: 82 Resp: 130921
 Ion Ratio Lower Upper
 82 100
 95 0.4 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





#31

Naphthalene

Concen: 2.924 ng

RT: 8.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BF111524.D

Acq: 16 Dec 2018 22:44

Instrument :

BNA_F

ClientSampleId :

P001-SD012-0612-02

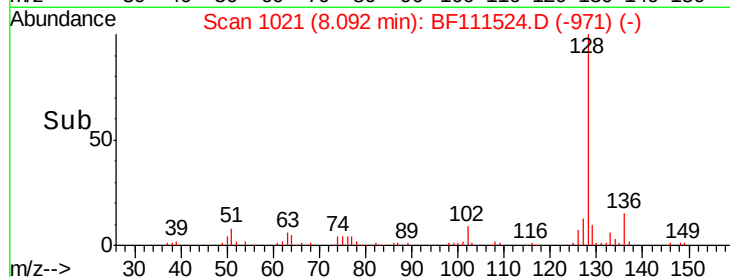
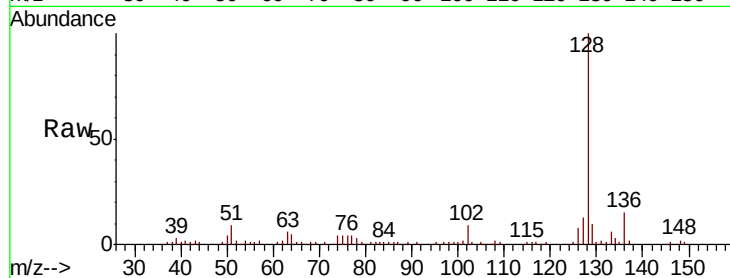
Tgt Ion:128 Resp: 77153

Ion Ratio Lower Upper

128 100

129 9.9 9.8 14.8

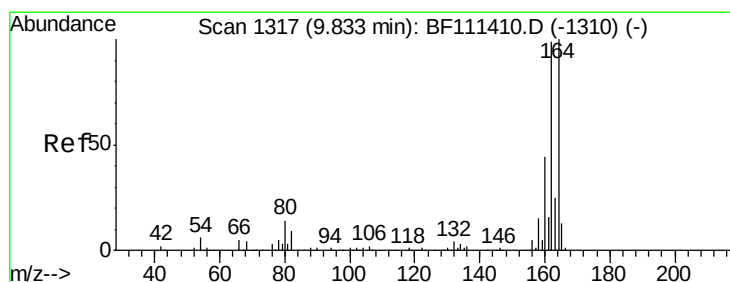
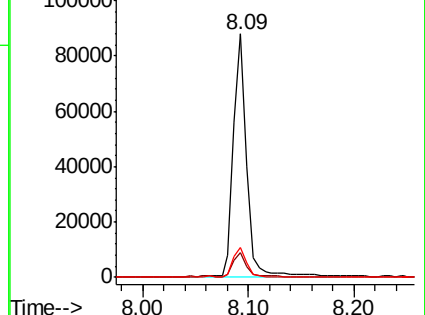
127 12.5 12.0 18.0



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.82 min Scan# 1315

Delta R.T. -0.01 min

Lab File: BF111524.D

Acq: 16 Dec 2018 22:44

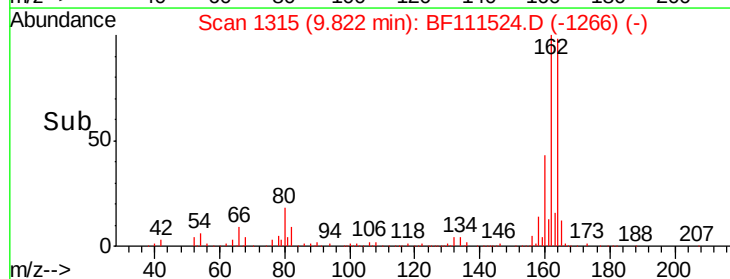
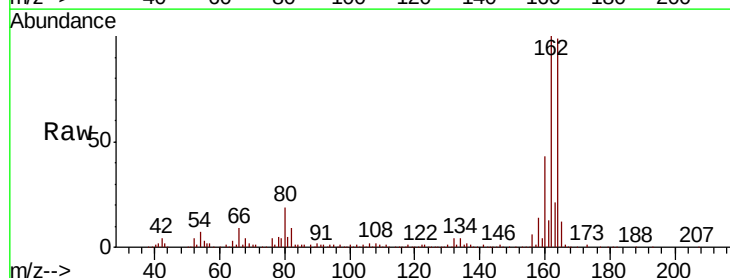
Tgt Ion:164 Resp: 222799

Ion Ratio Lower Upper

164 100

162 101.5 81.4 122.0

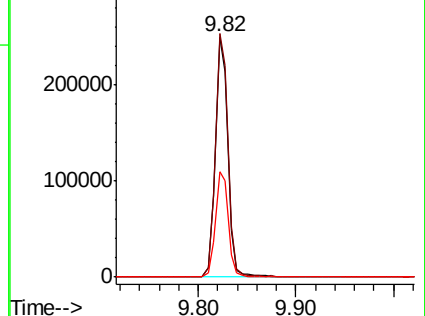
160 44.0 35.7 53.5

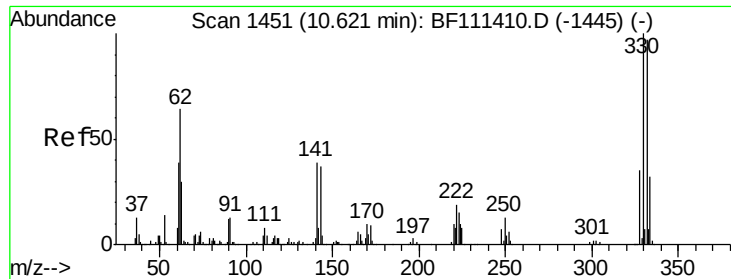


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

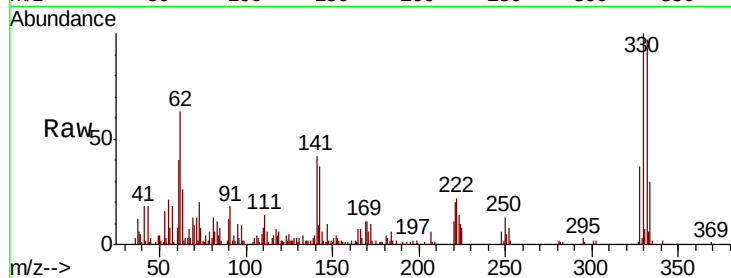




#42
 2,4,6-Tribromophenol
 Concen: 16.333 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF111524.D
 Acq: 16 Dec 2018 22:44

Instrument :
 BNA_F
 ClientSampleId :
 P001-SD012-0612-02

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.3	76.0	114.0
141	39.5	31.0	46.6

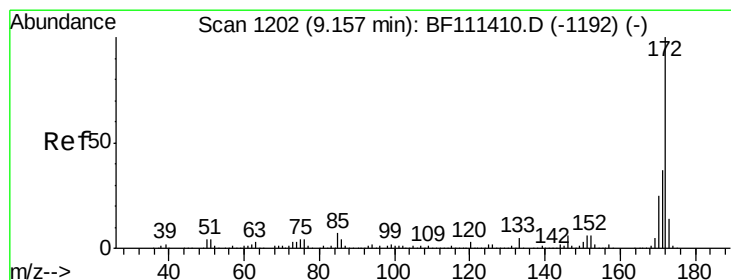
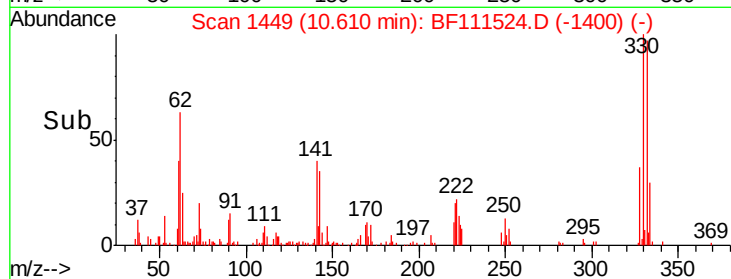
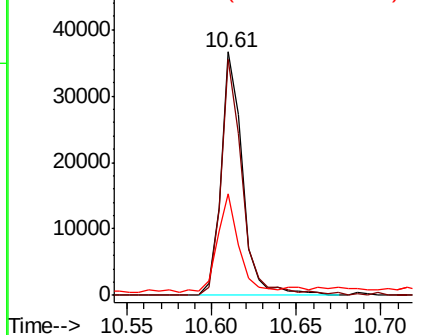


Abundance

Ion 329.80 (329.50 to 330.50): E

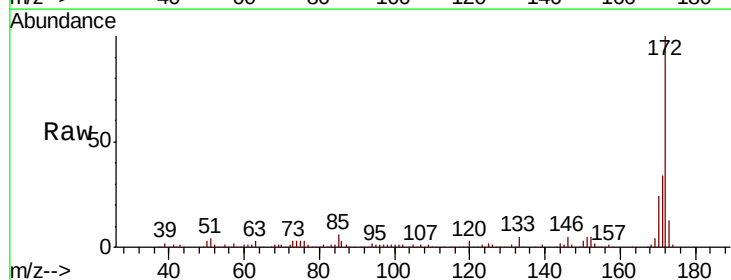
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 17.536 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111524.D
 Acq: 16 Dec 2018 22:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	33.8	33.0	49.4
170	23.7	22.3	33.5

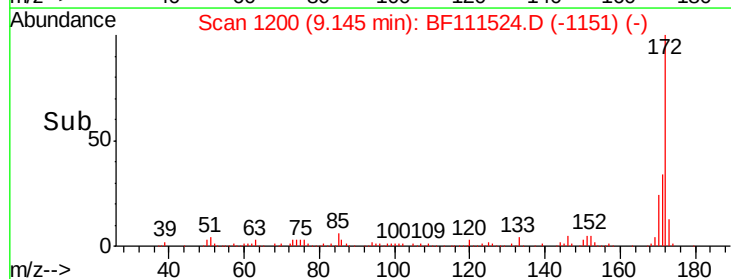
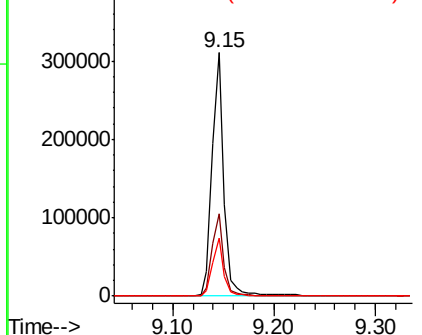


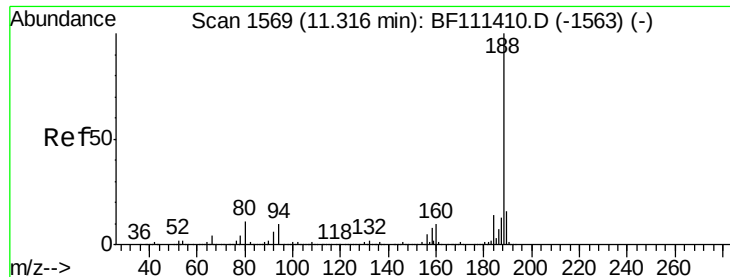
Abundance

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





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1567

Delta R.T. -0.01 min

Lab File: BF111524.D

Acq: 16 Dec 2018 22:44

Instrument :

BNA_F

ClientSampleId :

P001-SD012-0612-02

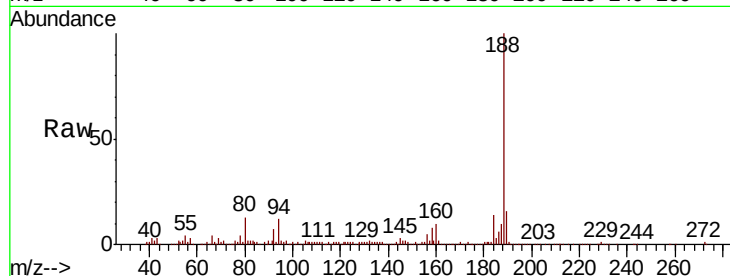
Tgt Ion:188 Resp: 406291

Ion Ratio Lower Upper

188 100

94 11.8 9.6 14.4

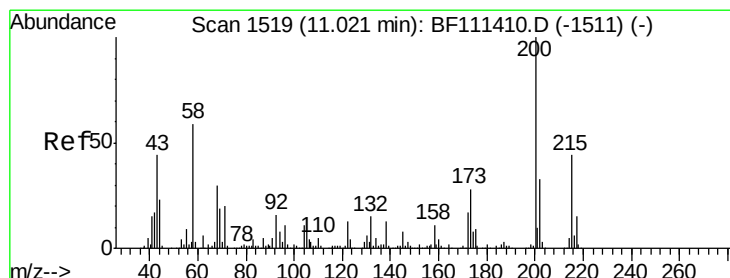
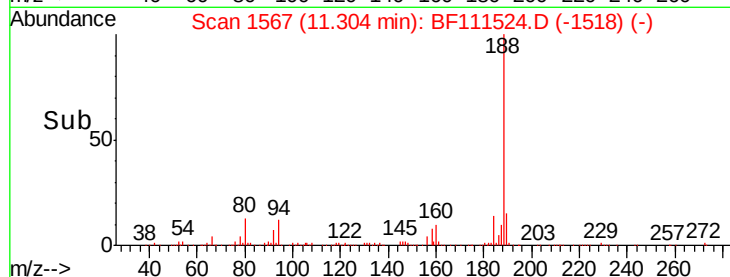
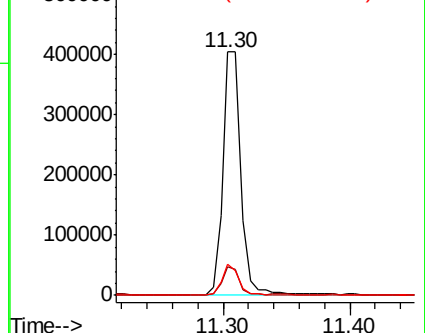
80 13.0 9.8 14.6



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



#69

Atrazine

Concen: 3.648 ng

RT: 11.02 min Scan# 1518

Delta R.T. -0.01 min

Lab File: BF111524.D

Acq: 16 Dec 2018 22:44

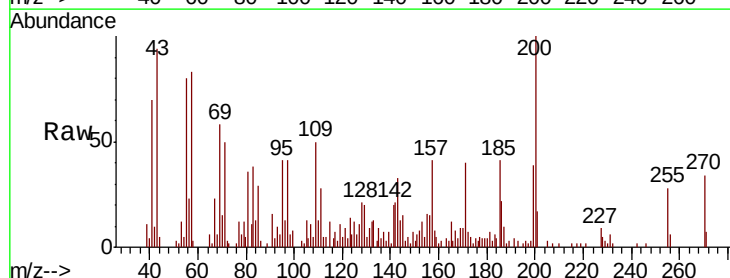
Tgt Ion:200 Resp: 14772

Ion Ratio Lower Upper

200 100

173 4.5 10.1 50.1#

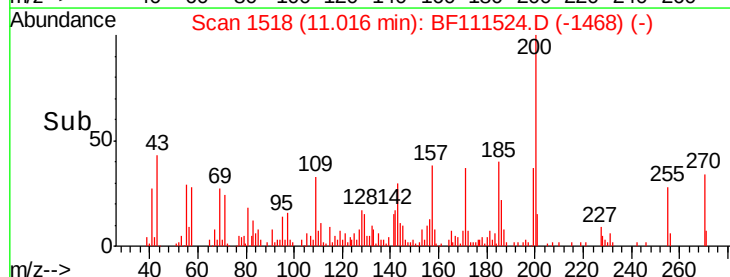
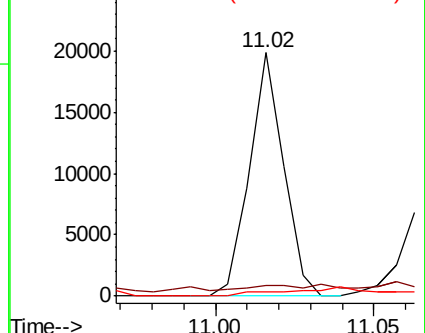
215 1.5 26.9 66.9#

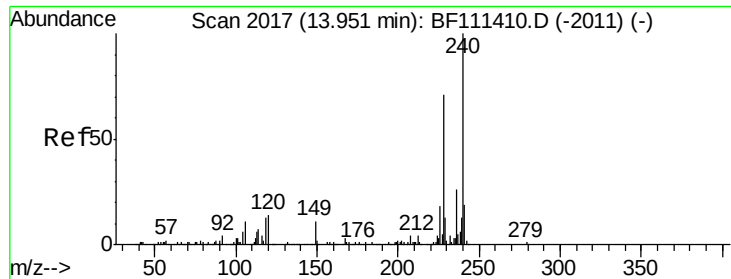


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

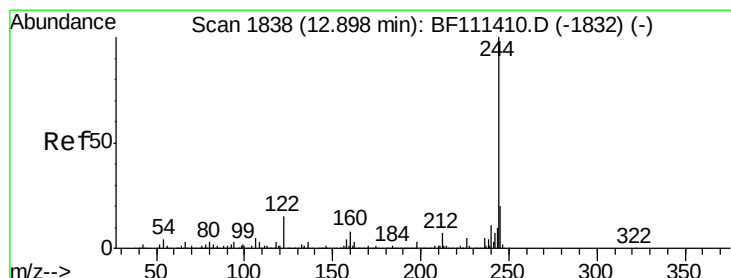
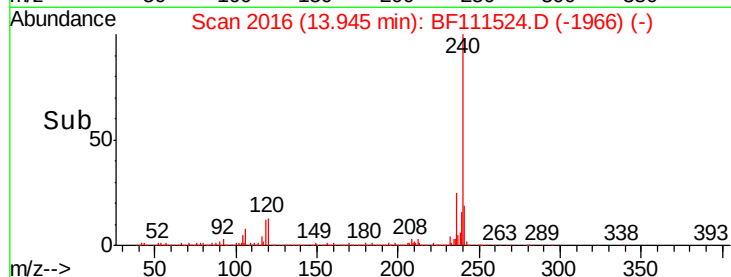
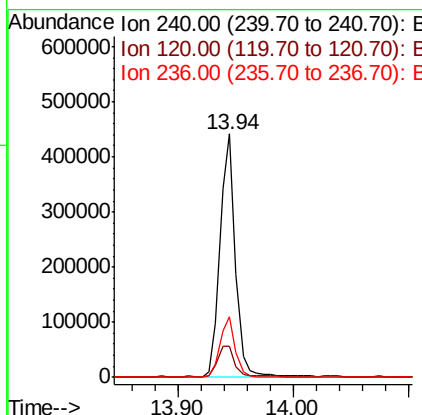
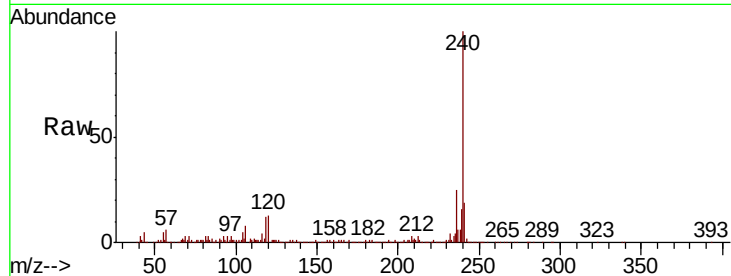




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.94 min Scan# 2016
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

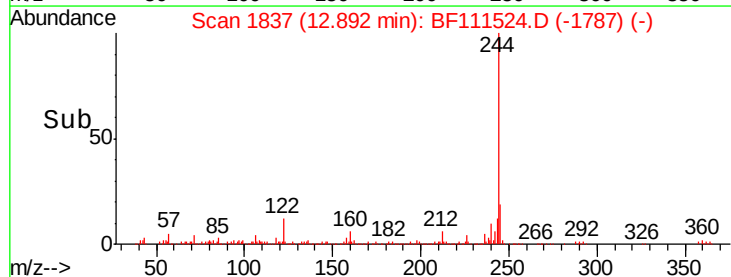
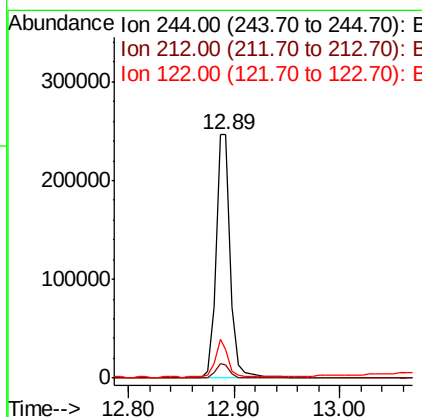
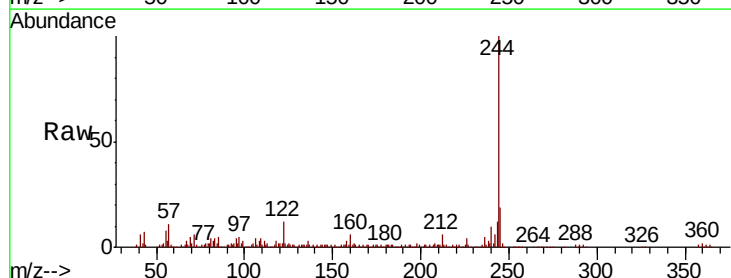
Instrument :
BNA_F
ClientSampleId :
P001-SD012-0612-02

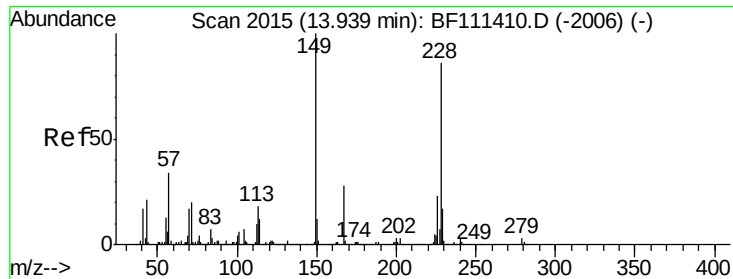
Tgt Ion:240 Resp: 412501
Ion Ratio Lower Upper
240 100
120 13.0 12.2 18.2
236 25.0 20.2 30.2



#79
Terphenyl-d14
Concen: 13.721 ng
RT: 12.89 min Scan# 1837
Delta R.T. -0.01 min
Lab File: BF111524.D
Acq: 16 Dec 2018 22:44

Tgt Ion:244 Resp: 241020
Ion Ratio Lower Upper
244 100
212 5.6 5.7 8.5#
122 11.9 13.1 19.7#





#84

Bis(2-ethylhexyl)phthalate

Concen: 4.230 ng

RT: 13.93 min Scan# 2013

Delta R.T. -0.01 min

Lab File: BF111524.D

Acq: 16 Dec 2018 22:44

Instrument :

BNA_F

ClientSampleId :

P001-SD012-0612-02

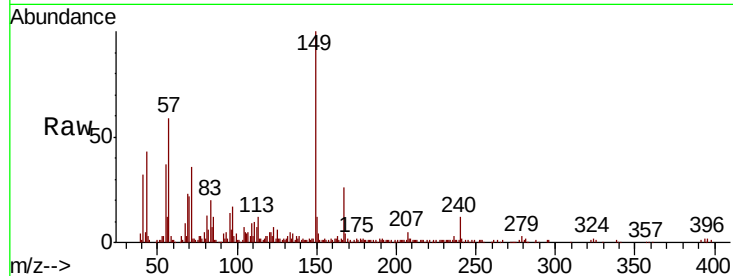
Tgt Ion:149 Resp: 76590

Ion Ratio Lower Upper

149 100

167 25.8 22.5 33.7

279 2.8 2.6 4.0

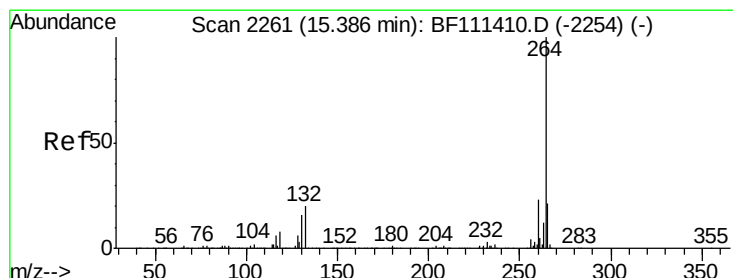
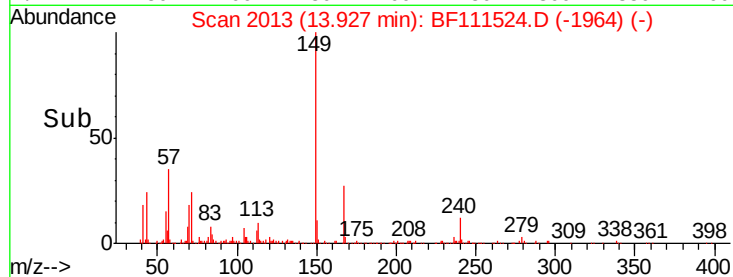
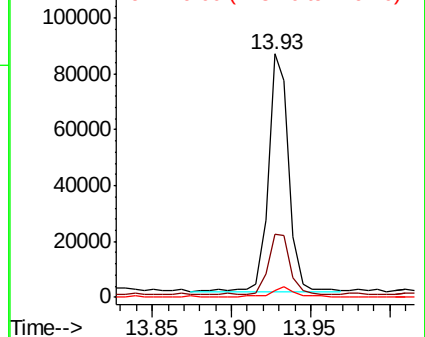


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.38 min Scan# 2260

Delta R.T. -0.01 min

Lab File: BF111524.D

Acq: 16 Dec 2018 22:44

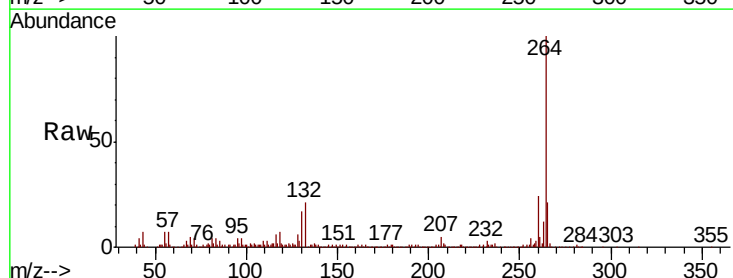
Tgt Ion:264 Resp: 309370

Ion Ratio Lower Upper

264 100

260 23.7 18.3 27.5

265 20.7 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

