

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
 Data File : BF111521.D
 Acq On : 16 Dec 2018 21:16
 Operator : JU/SJ
 Sample : J6391-06
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01

Quant Time: Dec 17 07:48:10 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

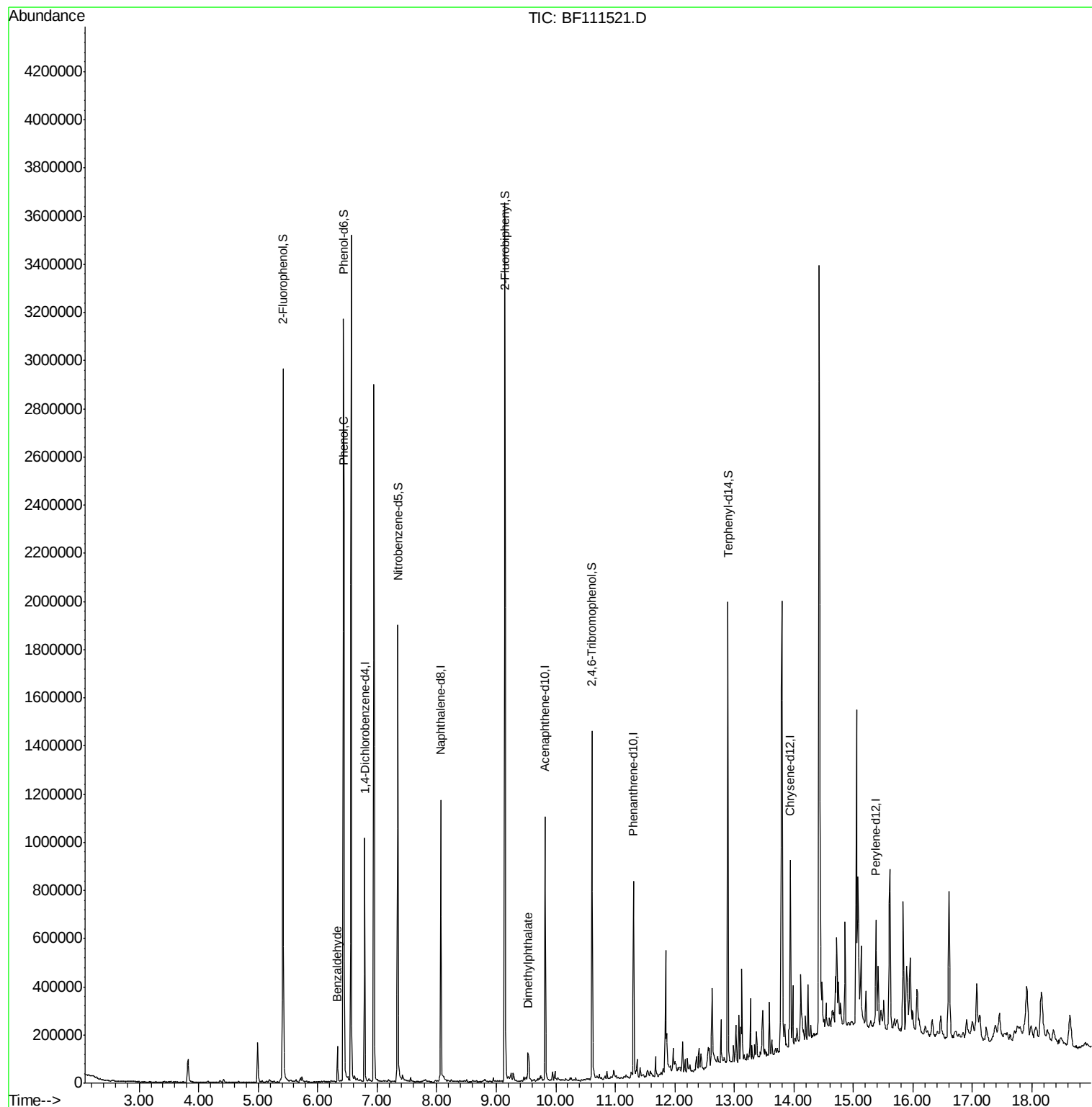
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	132492	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	518438	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	213197	20.00	ng	-0.01
64) Phenanthrene-d10	11.30	188	297379	20.00	ng	-0.01
76) Chrysene-d12	13.94	240	273061	20.00	ng	-0.01
87) Perylene-d12	15.38	264	201415	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	830631	104.32	ng	0.00
7) Phenol-d6	6.43	99	1036620	97.88	ng	0.00
23) Nitrobenzene-d5	7.35	82	635110	72.95	ng	-0.01
42) 2,4,6-Tribromophenol	10.61	330	148544	77.78	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1037241	75.15	ng	-0.01
79) Terphenyl-d14	12.89	244	634006	54.52	ng	0.00
Target Compounds						
9) Benzaldehyde	6.33	77	30057	4.679	ng	97
10) Phenol	6.45	94	49713	4.214	ng	97
50) Dimethylphthalate	9.54	163	46975	3.059	ng	99

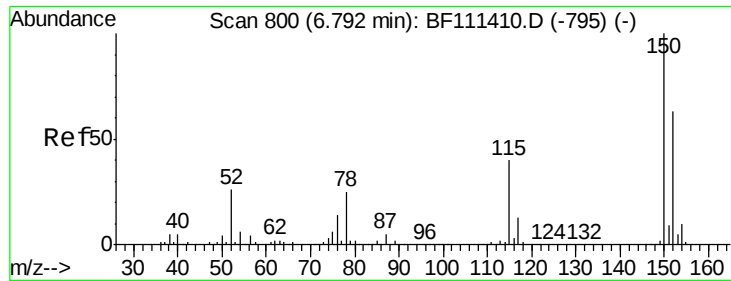
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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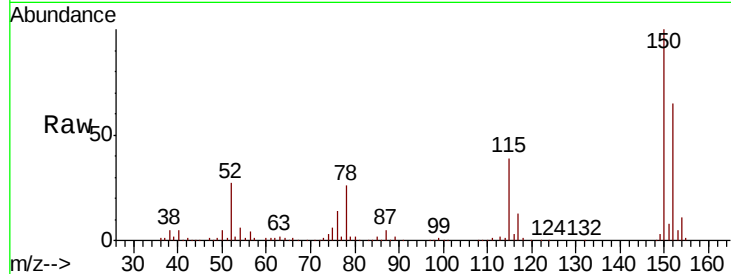


#1

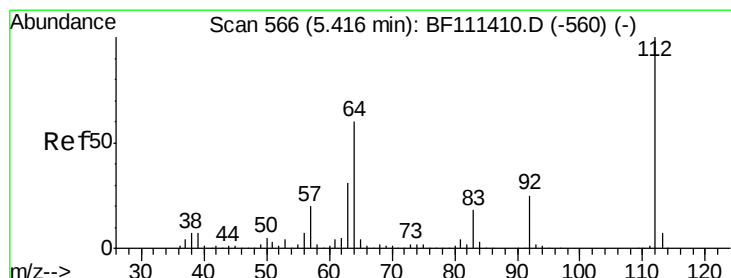
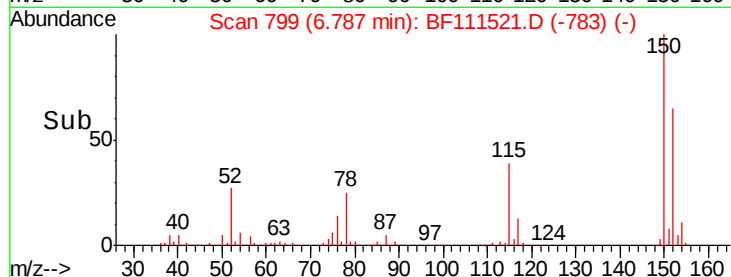
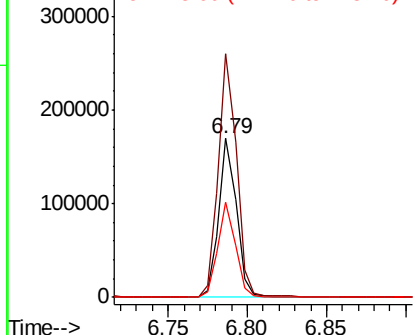
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111521.D
 Acq: 16 Dec 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01

Tot Ion:152 Resp: 132492
 Ion Ratio Lower Upper
 152 100
 150 153.1 126.6 189.8
 115 60.0 50.7 76.1



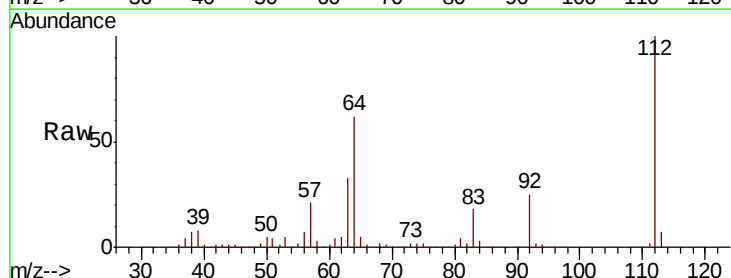
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



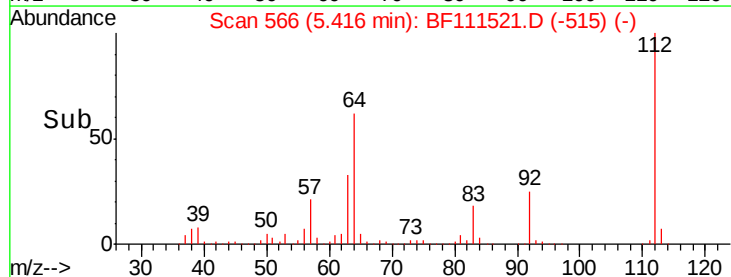
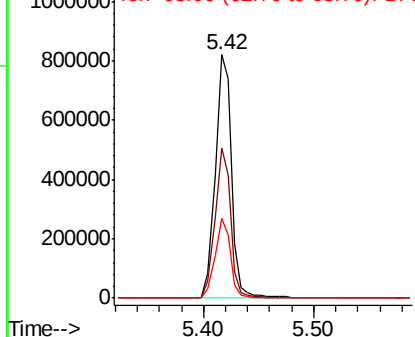
#5

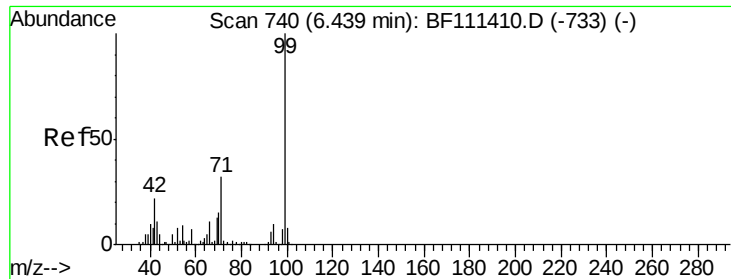
2-Fluorophenol
 Concen: 104.325 ng
 RT: 5.42 min Scan# 566
 Delta R.T. 0.00 min
 Lab File: BF111521.D
 Acq: 16 Dec 2018 21:16

Tgt Ion:112 Resp: 830631
 Ion Ratio Lower Upper
 112 100
 64 61.9 51.8 77.6
 63 32.6 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: 97.879 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF111521.D

Acq: 16 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01

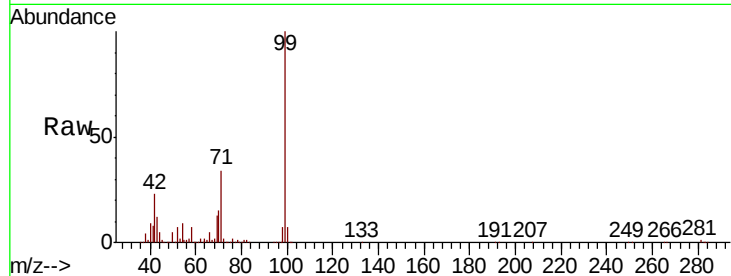
Tot Ion: 99 Resp: 1036620

Ion Ratio Lower Upper

99 100

42 23.1 17.4 26.0

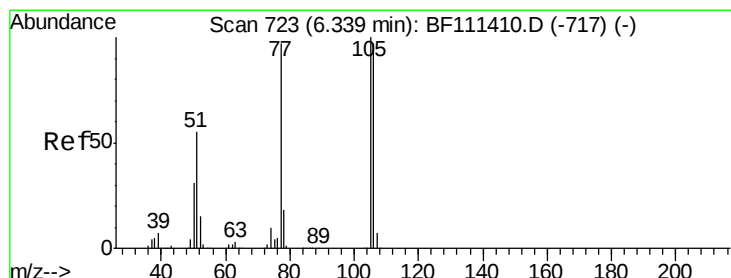
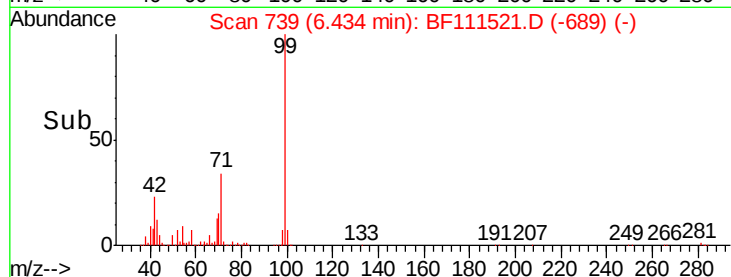
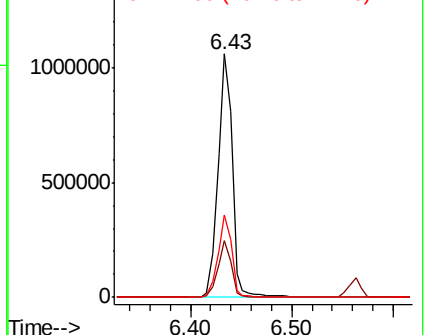
71 34.0 26.1 39.1



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



#9

Benzaldehyde

Concen: 4.679 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.01 min

Lab File: BF111521.D

Acq: 16 Dec 2018 21:16

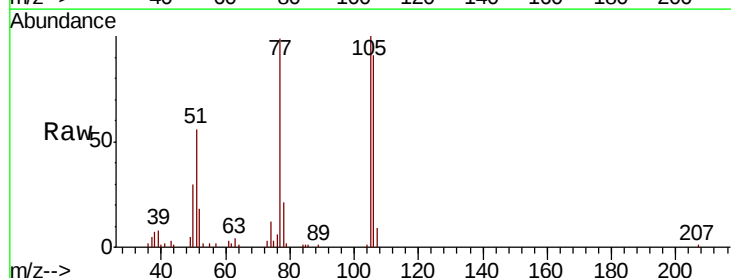
Tgt Ion: 77 Resp: 30057

Ion Ratio Lower Upper

77 100

105 100.7 81.4 121.4

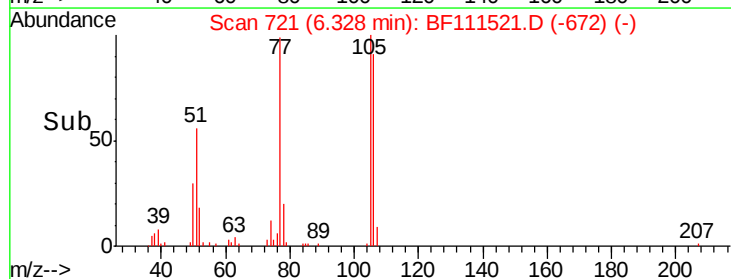
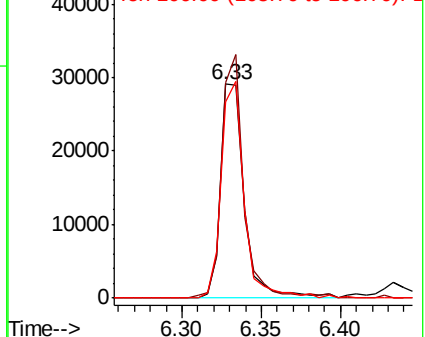
106 91.7 77.9 117.9

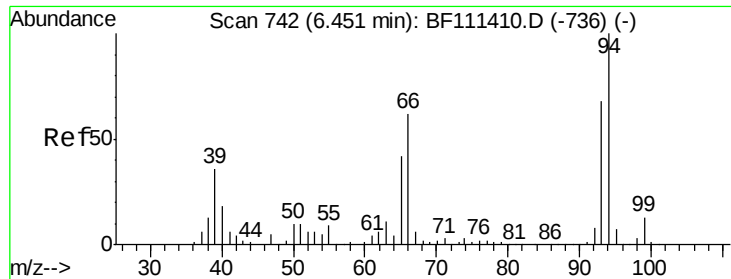


Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 4.214 ng

RT: 6.45 min Scan# 741

Delta R.T. -0.01 min

Lab File: BF111521.D

Acq: 16 Dec 2018 21:16

Instrument :

BNA_F

ClientSampleId :

P001-SS016-0006-01

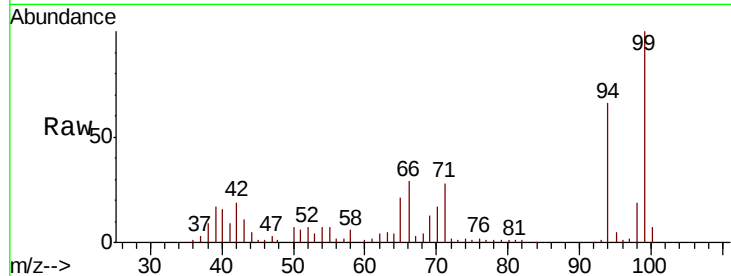
Tot Ion: 94 Resp: 49713

Ion Ratio Lower Upper

94 100

65 31.1 11.7 51.7

66 44.2 21.0 61.0

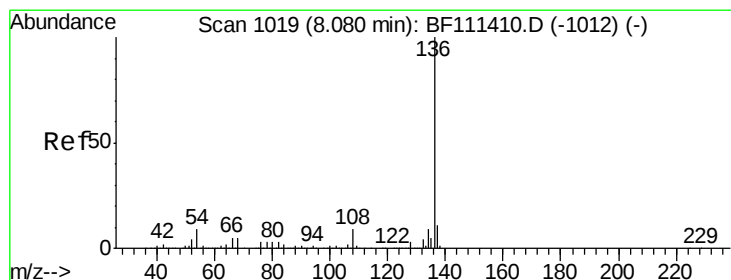
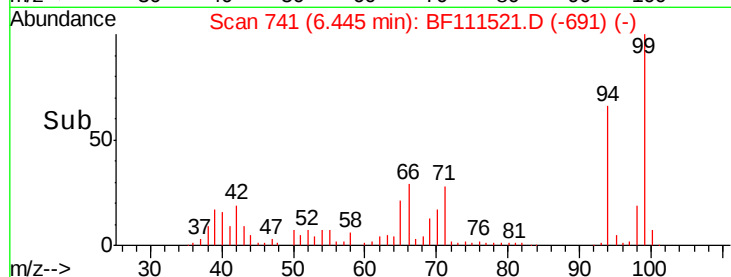
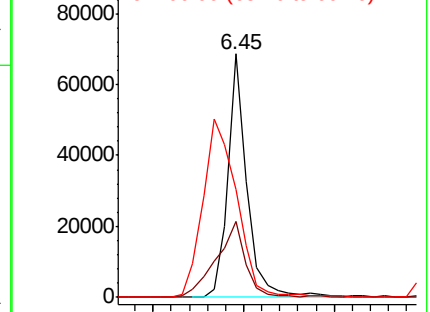


Abundance

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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF111521.D

Acq: 16 Dec 2018 21:16

Tgt Ion: 136 Resp: 518438

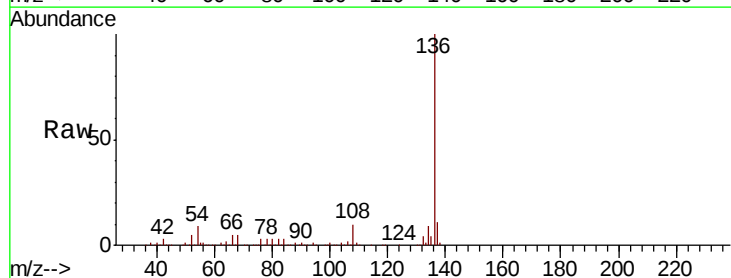
Ion Ratio Lower Upper

136 100

137 11.1 9.1 13.7

54 8.9 7.7 11.5

68 4.9 4.9 7.3#



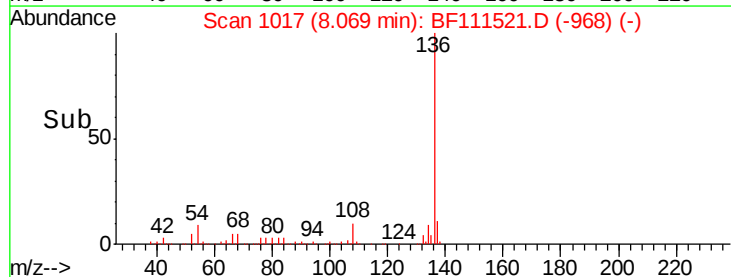
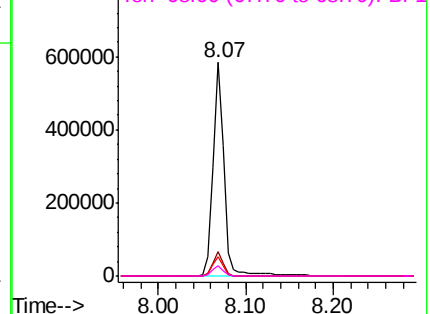
Abundance

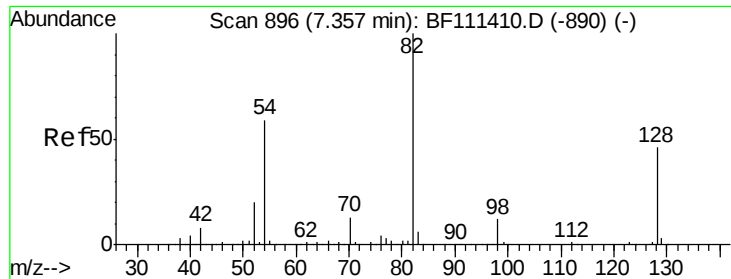
Ion 136.00 (135.70 to 136.70): E

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

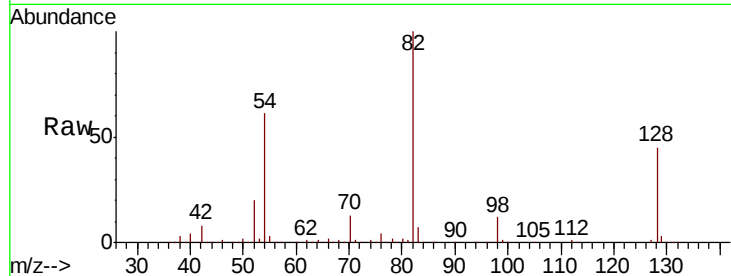




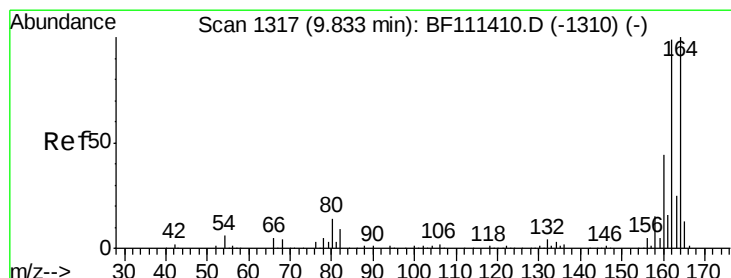
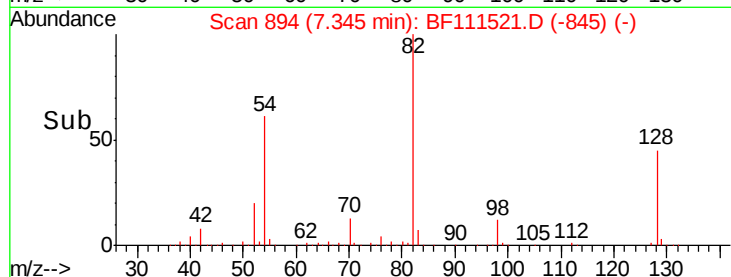
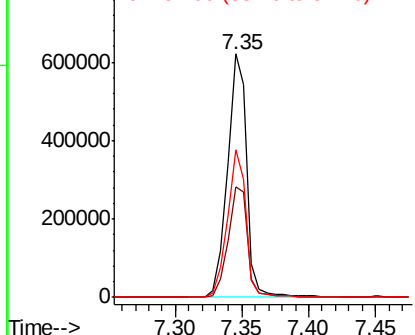
#23
 Nitrobenzene-d5
 Concen: 72.950 ng
 RT: 7.35 min Scan# 894
 Delta R.T. -0.01 min
 Lab File: BF111521.D
 Acq: 16 Dec 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01

Tot Ion	82	Resp	635110
Ion Ratio	Lower	Upper	
82	100		
128	45.1	37.4	56.2
54	60.7	47.6	71.4

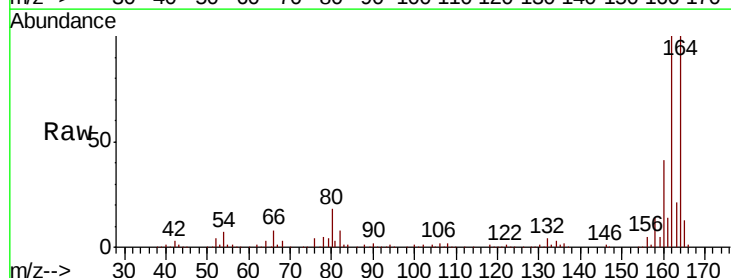


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF1

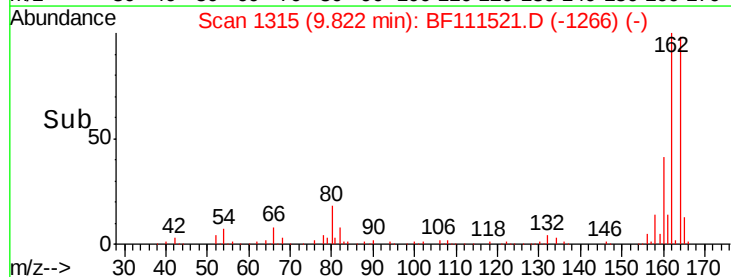
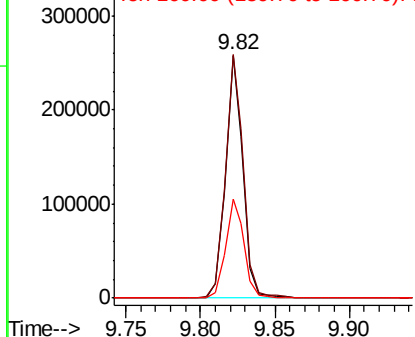


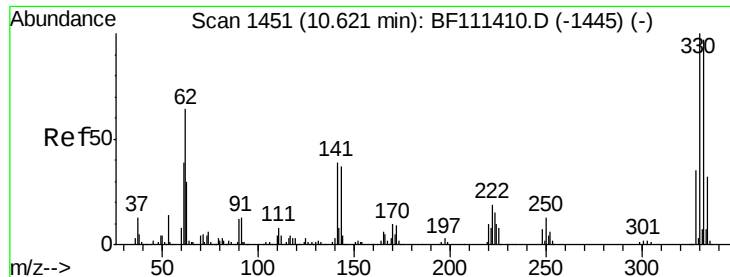
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF111521.D
 Acq: 16 Dec 2018 21:16

Tgt Ion	164	Resp	213197
Ion Ratio	Lower	Upper	
164	100		
162	100.2	81.4	122.0
160	40.9	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

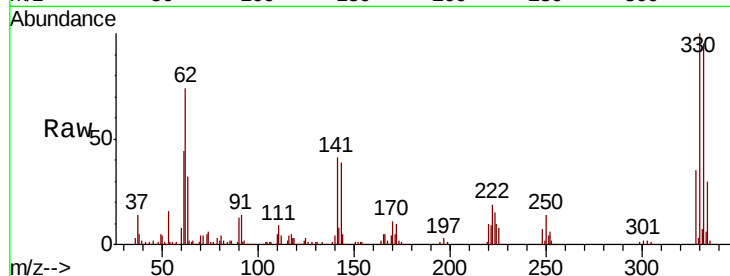




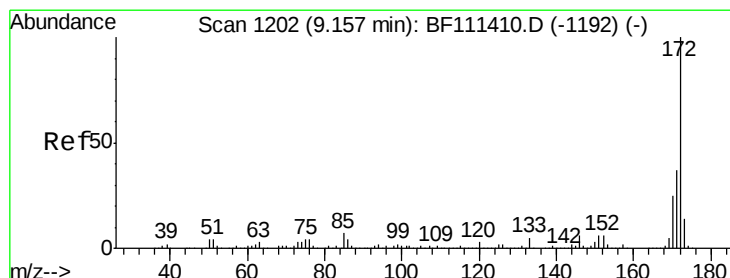
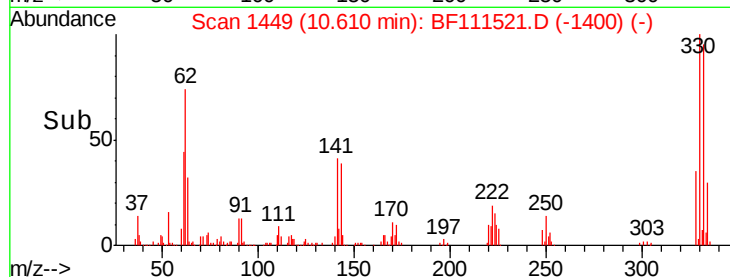
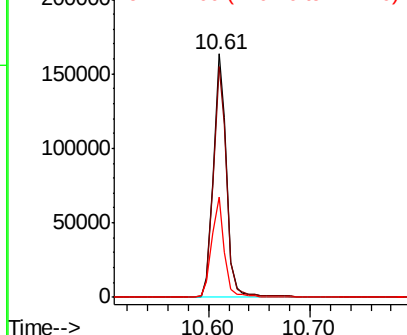
#42
 2,4,6-Tribromophenol
 Concen: 77.780 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF111521.D
 Acq: 16 Dec 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01

Tot Ion:330 Resp: 148544
 Ion Ratio Lower Upper
 330 100
 332 96.1 76.0 114.0
 141 38.9 31.0 46.6

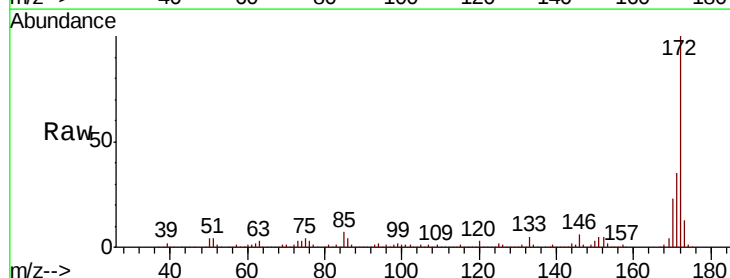


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

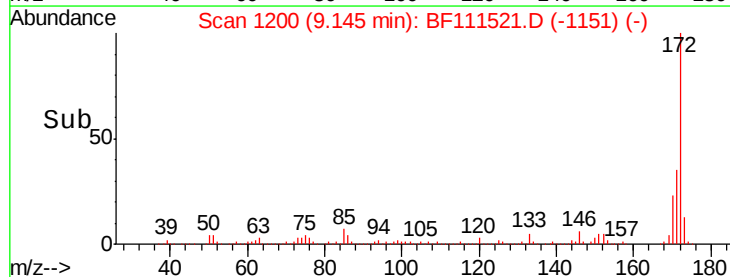
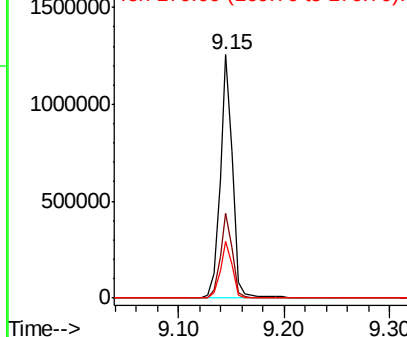


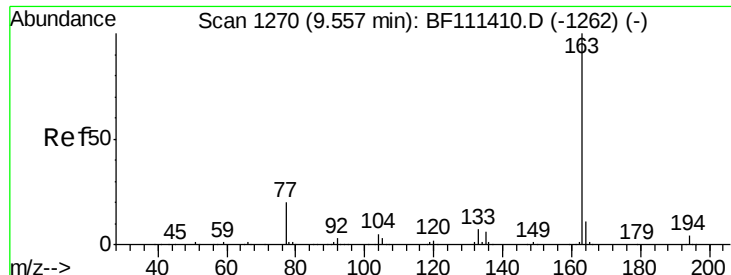
#45
 2-Fluorobiphenyl
 Concen: 75.149 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111521.D
 Acq: 16 Dec 2018 21:16

Tgt Ion:172 Resp: 1037241
 Ion Ratio Lower Upper
 172 100
 171 35.1 33.0 49.4
 170 23.2 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

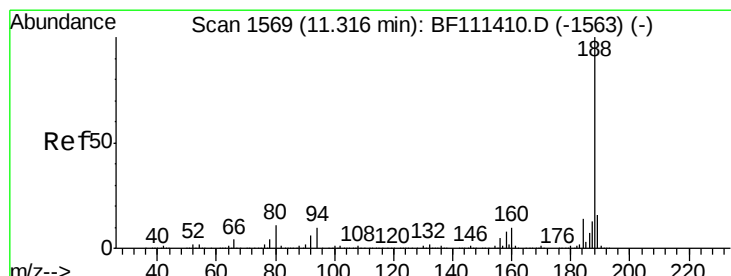
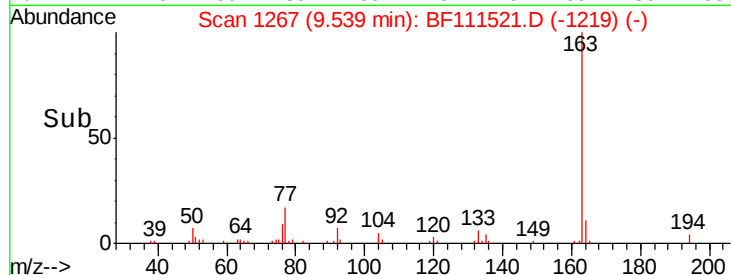
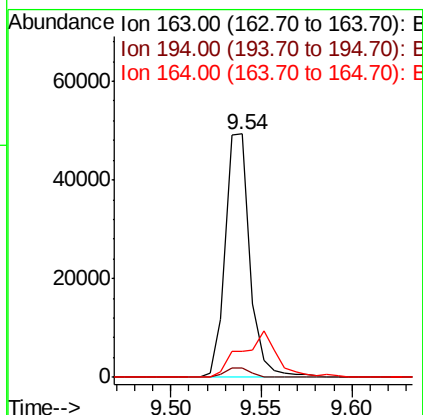
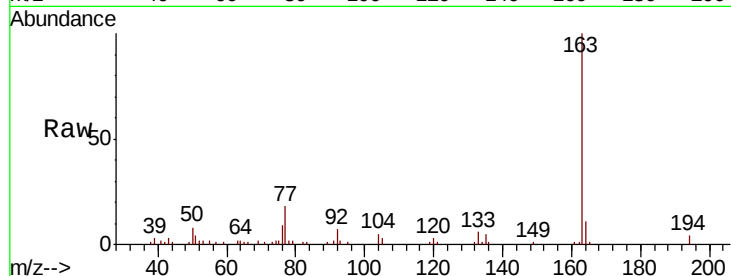




#50
Dimethylphthalate
Concen: 3.059 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

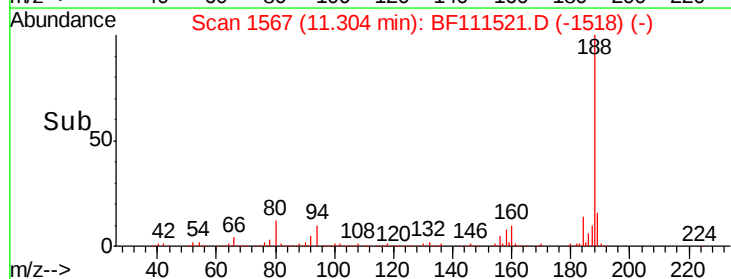
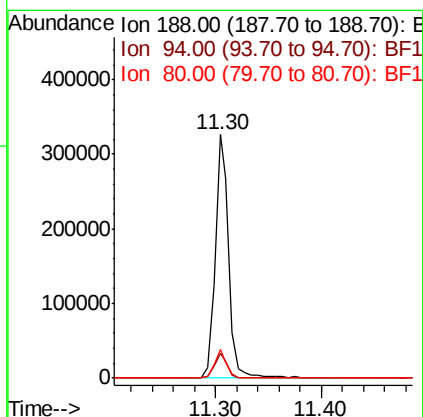
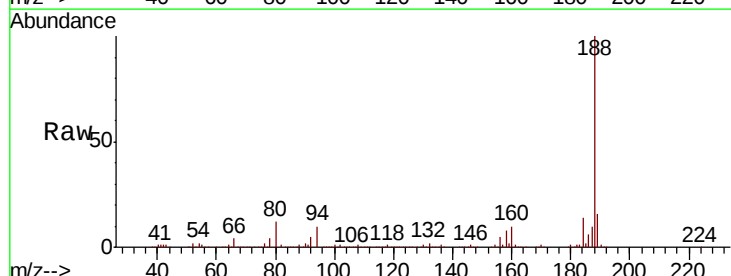
Instrument :
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P001-SS016-0006-01

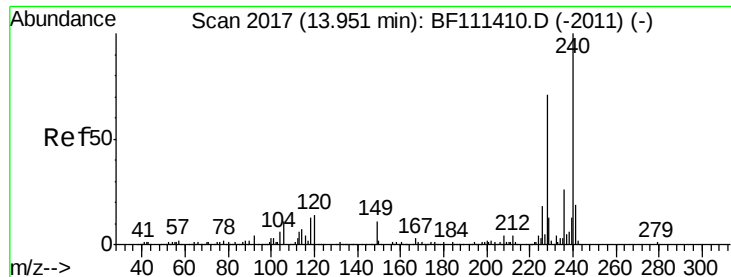
Tot Ion:163 Resp: 46975
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.6
164 10.7 8.9 13.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.30 min Scan# 1567
Delta R.T. -0.01 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Tgt Ion:188 Resp: 297379
Ion Ratio Lower Upper
188 100
94 10.3 9.6 14.4
80 11.7 9.8 14.6

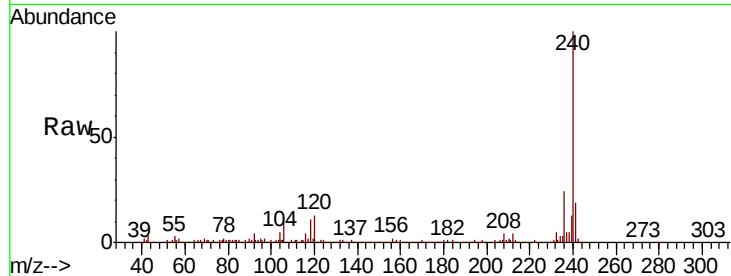




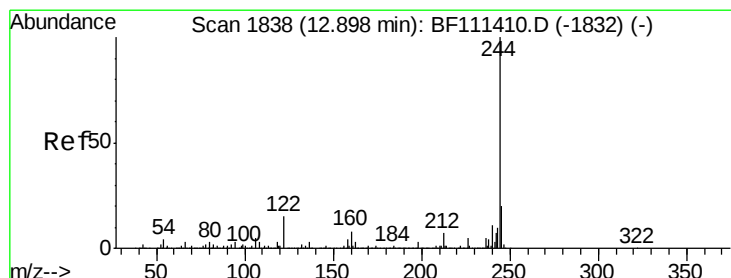
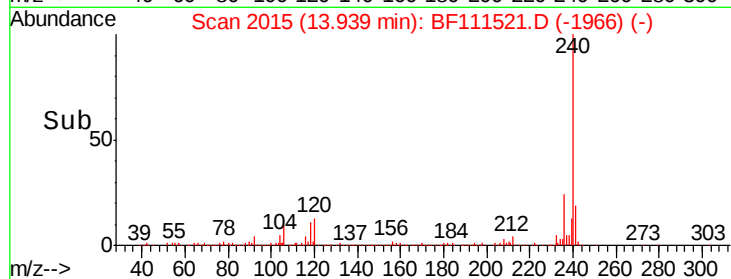
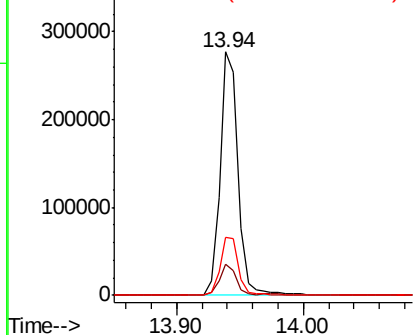
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.94 min Scan# 2015
 Delta R.T. -0.01 min
 Lab File: BF111521.D
 Acq: 16 Dec 2018 21:16

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS016-0006-01

Tot Ion:240 Resp: 273061
 Ion Ratio Lower Upper
 240 100
 120 12.6 12.2 18.2
 236 23.7 20.2 30.2

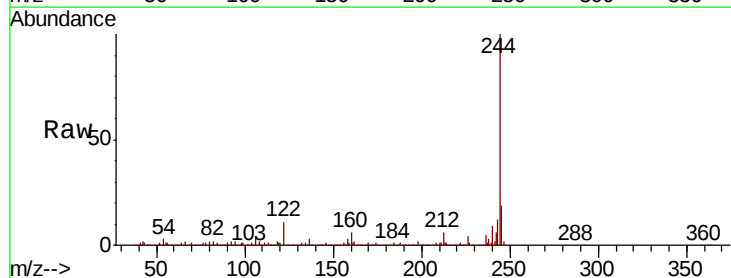


Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E

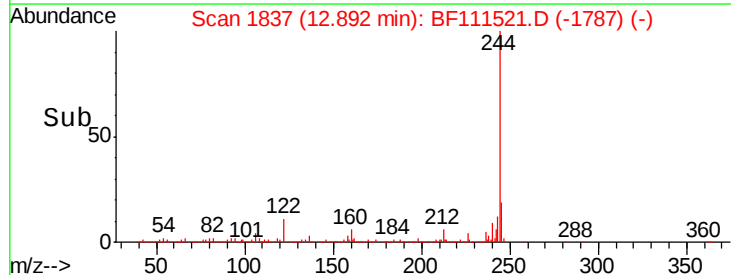
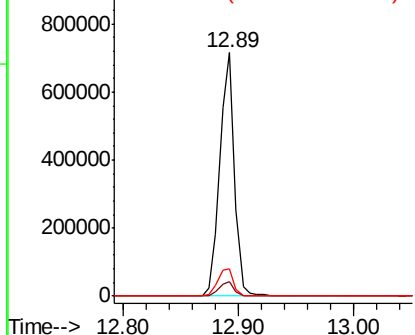


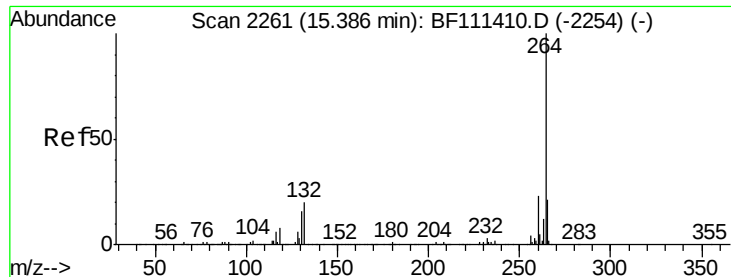
#79
 Terphenyl-d14
 Concen: 54.522 ng
 RT: 12.89 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BF111521.D
 Acq: 16 Dec 2018 21:16

Tgt Ion:244 Resp: 634006
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.7 8.5
 122 11.0 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
Pervlene-d12
Concen: 20.000 ng
RT: 15.38 min Scan# 2260
Delta R.T. -0.01 min
Lab File: BF111521.D
Acq: 16 Dec 2018 21:16

Instrument :
BNA_F
ClientSampleId :
P001-SS016-0006-01

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	18.3	27.5
265	20.7	17.7	26.5

