

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121718\
 Data File : BF111530.D
 Acq On : 17 Dec 2018 10:57
 Operator : JU/SJ
 Sample : J6386-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-02

Quant Time: Dec 18 04:24:56 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

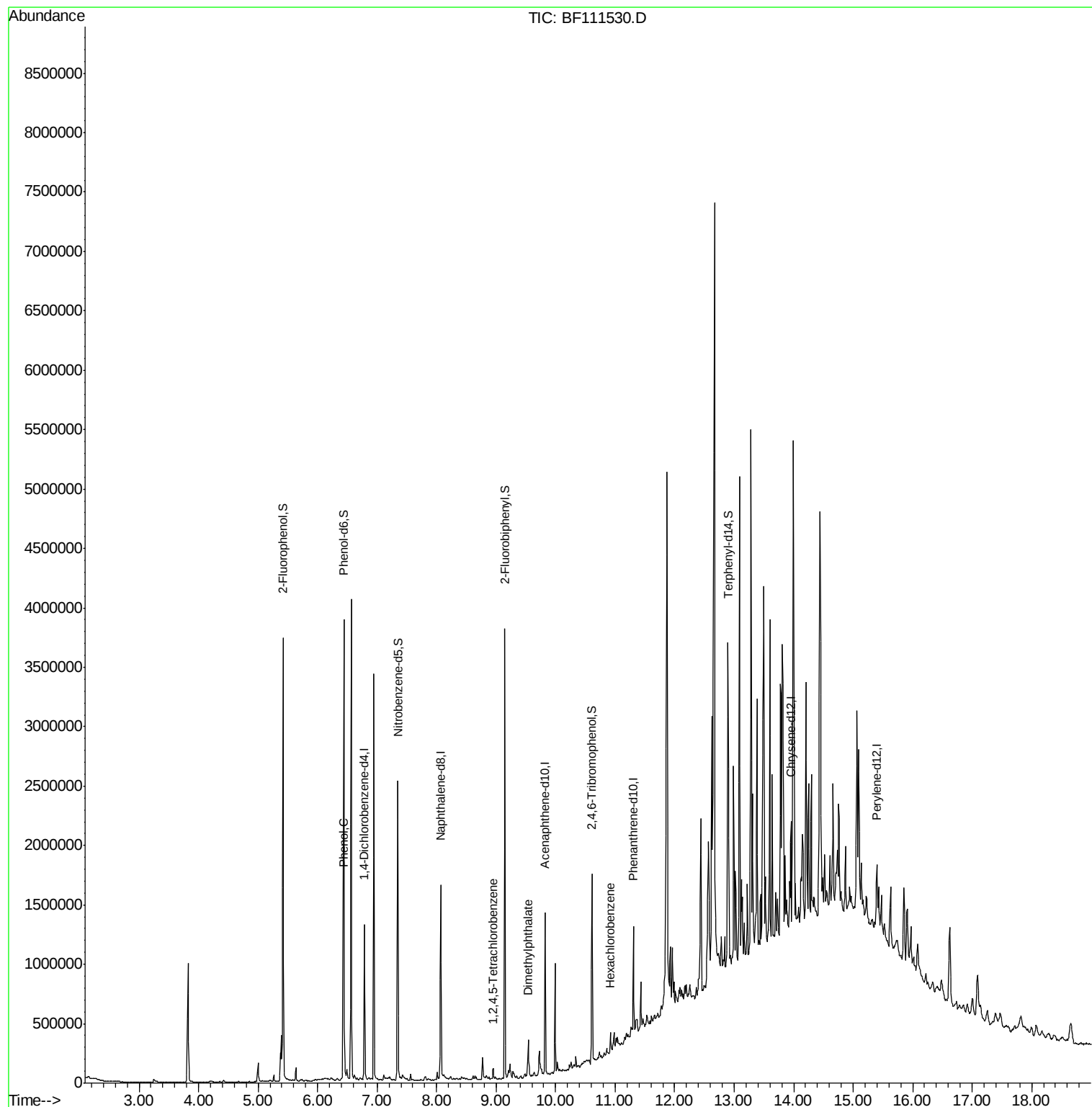
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	181527	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	672271	20.00	ng	-0.01
39) Acenaphthene-d10	9.82	164	272141	20.00	ng	-0.01
64) Phenanthrene-d10	11.31	188	332728	20.00	ng	0.00
76) Chrysene-d12	13.96	240	294141	20.00	ng	0.00
87) Perylene-d12	15.40	264	256598	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	1077022	98.73	ng	0.00
7) Phenol-d6	6.44	99	1344851	92.68	ng	0.00
23) Nitrobenzene-d5	7.35	82	822611	72.87	ng	0.00
42) 2,4,6-Tribromophenol	10.61	330	164961	67.67	ng	-0.01
45) 2-Fluorobiphenyl	9.15	172	1140989	64.76	ng	-0.01
79) Terphenyl-d14	12.90	244	691330	55.19	ng	0.00
Target Compounds						
10) Phenol	6.45	94	102397	6.335	ng	92
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	15790	2.116	ng	98
50) Dimethylphthalate	9.54	163	109460	5.585	ng	98
68) Hexachlorobenzene	10.92	284	20013	5.425	ng	94

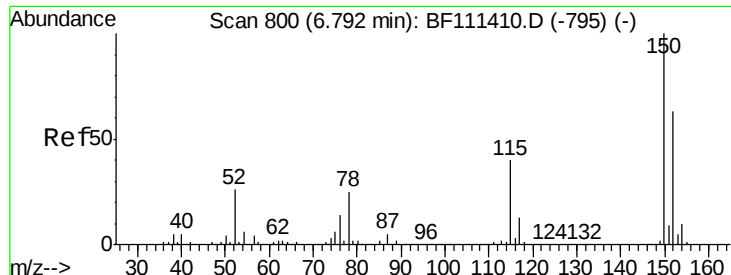
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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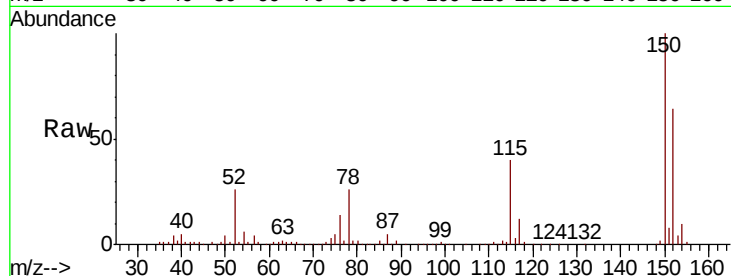


#1

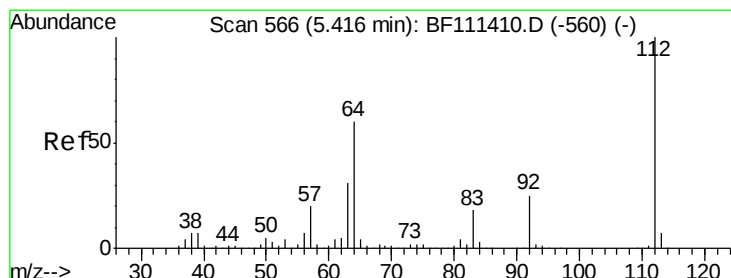
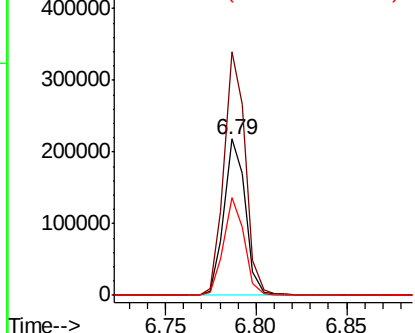
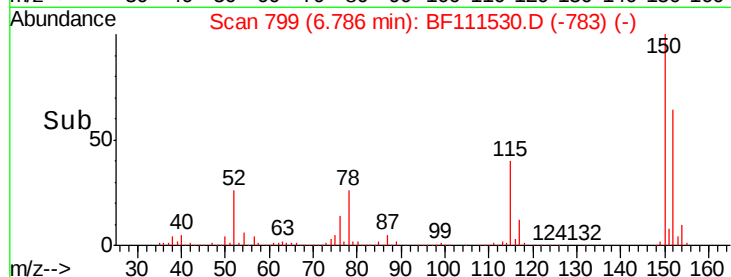
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.79 min Scan# 799
 Delta R.T. -0.01 min
 Lab File: BF111530.D
 Acq: 17 Dec 2018 10:57

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-02

Tot Ion:152 Resp: 181527
 Ion Ratio Lower Upper
 152 100
 150 155.8 126.6 189.8
 115 62.4 50.7 76.1



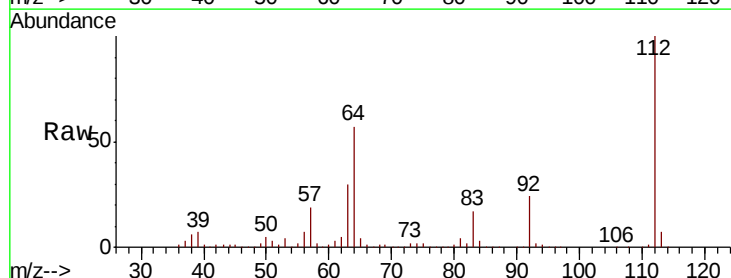
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



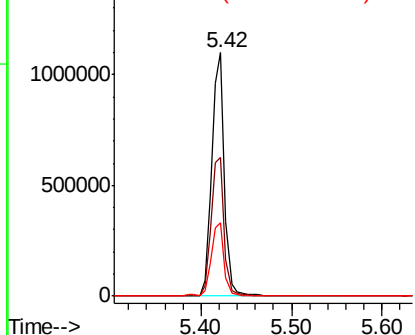
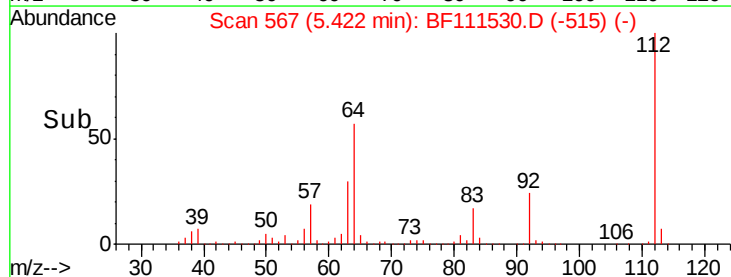
#5

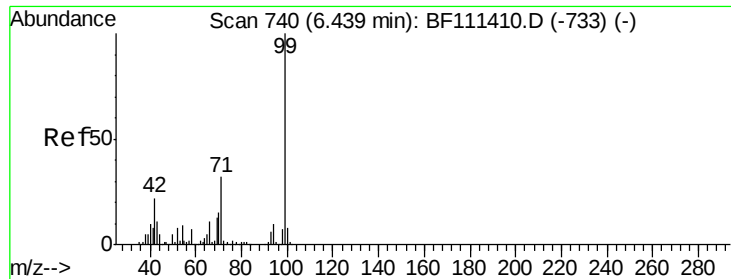
2-Fluorophenol
 Concen: 98.731 ng
 RT: 5.42 min Scan# 567
 Delta R.T. 0.01 min
 Lab File: BF111530.D
 Acq: 17 Dec 2018 10:57

Tgt Ion:112 Resp: 1077022
 Ion Ratio Lower Upper
 112 100
 64 56.8 51.8 77.6
 63 29.9 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: 92.682 ng

RT: 6.44 min Scan# 740

Delta R.T. -0.00 min

Lab File: BF111530.D

Acq: 17 Dec 2018 10:57

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-02

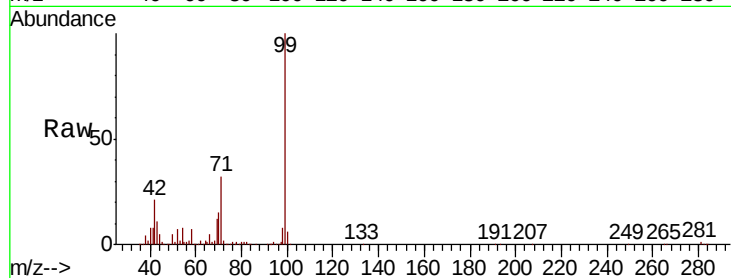
Tot Ion: 99 Resp: 1344851

Ion Ratio Lower Upper

99 100

42 21.0 17.4 26.0

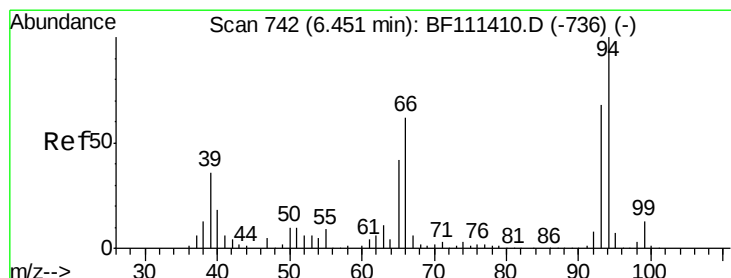
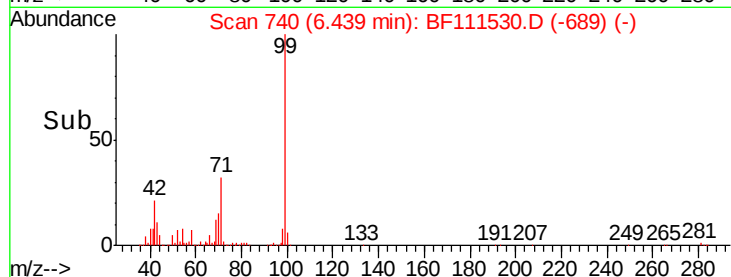
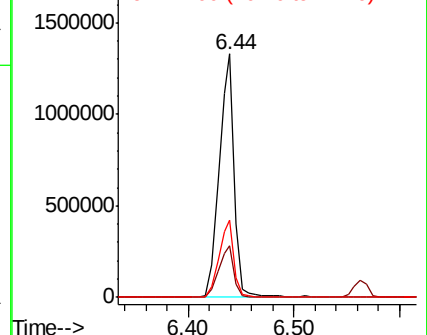
71 31.9 26.1 39.1



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: 6.335 ng

RT: 6.45 min Scan# 742

Delta R.T. -0.00 min

Lab File: BF111530.D

Acq: 17 Dec 2018 10:57

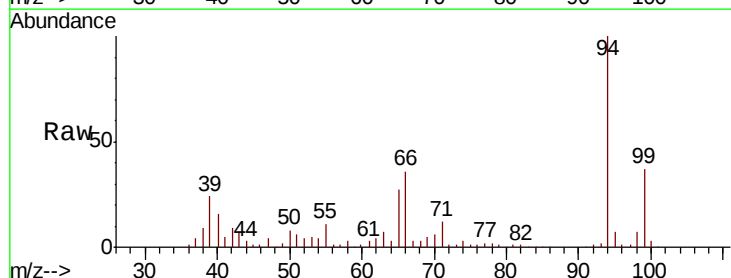
Tgt Ion: 94 Resp: 102397

Ion Ratio Lower Upper

94 100

65 27.3 11.7 51.7

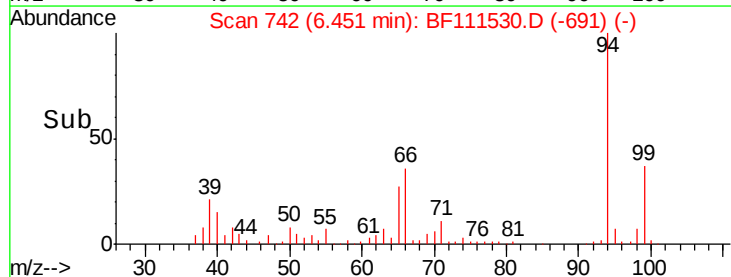
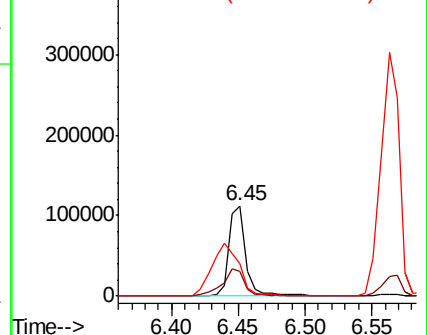
66 35.5 21.0 61.0

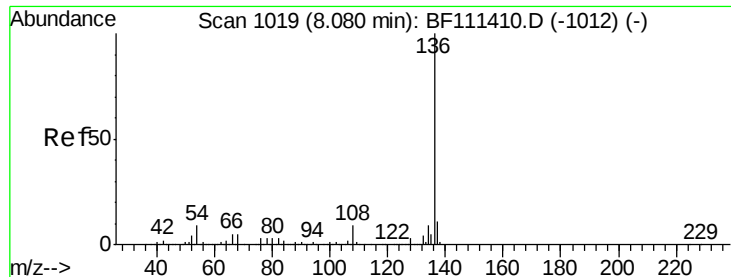


Abundance Ion 94.00 (93.70 to 94.70): BF1

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: BF111530.D

Acq: 17 Dec 2018 10:57

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-02

Tot Ion:136 Resp: 672271

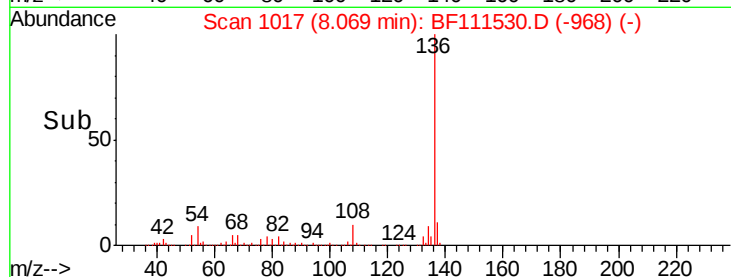
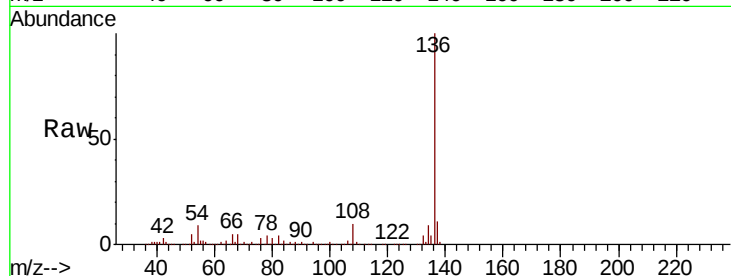
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 9.3 7.7 11.5

68 5.5 4.9 7.3

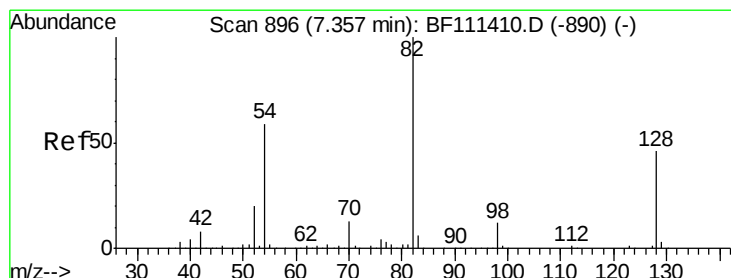
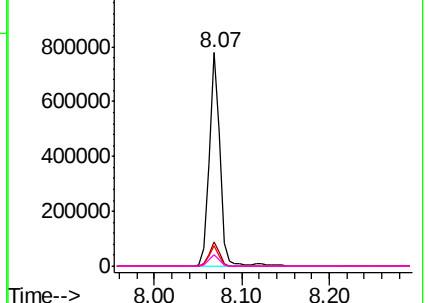


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.866 ng

RT: 7.35 min Scan# 895

Delta R.T. -0.01 min

Lab File: BF111530.D

Acq: 17 Dec 2018 10:57

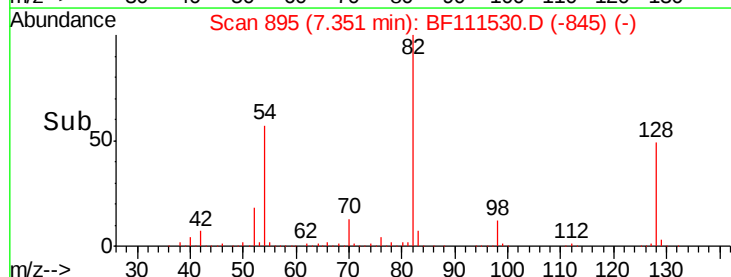
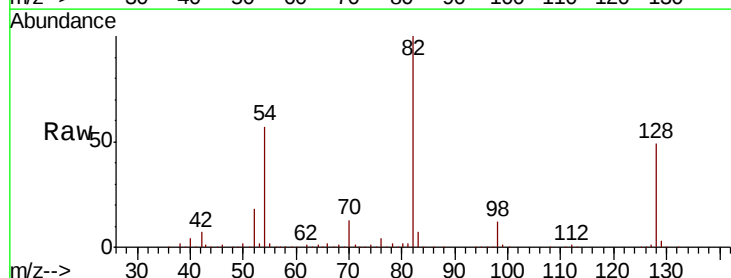
Tgt Ion: 82 Resp: 822611

Ion Ratio Lower Upper

82 100

128 49.1 37.4 56.2

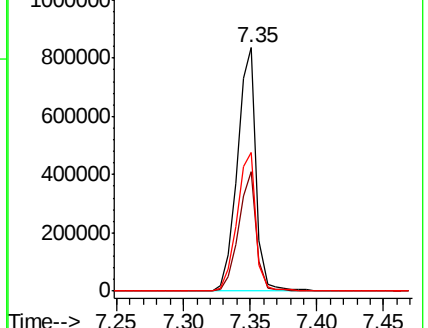
54 56.8 47.6 71.4

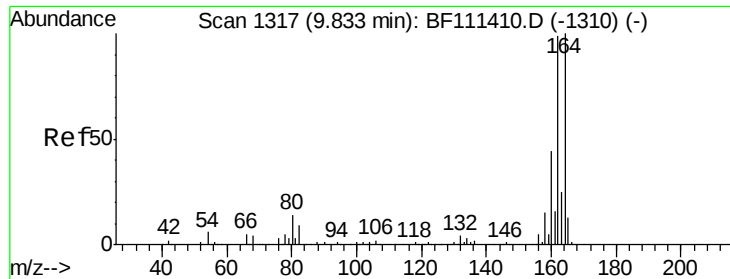


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

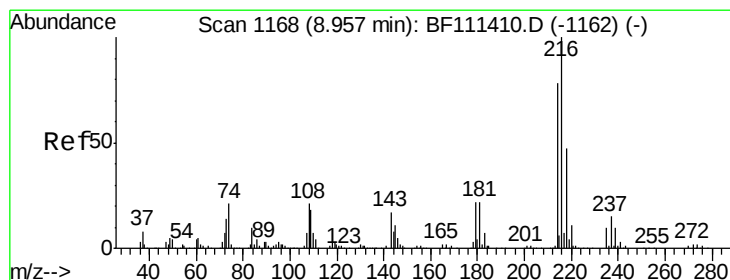
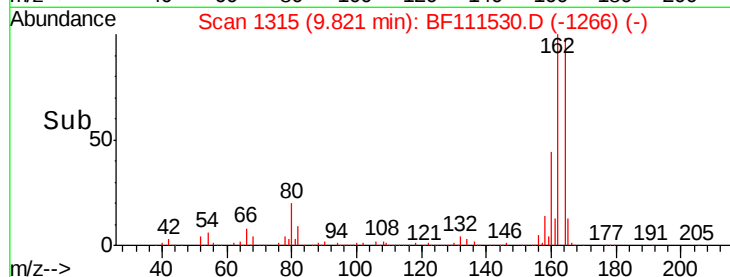
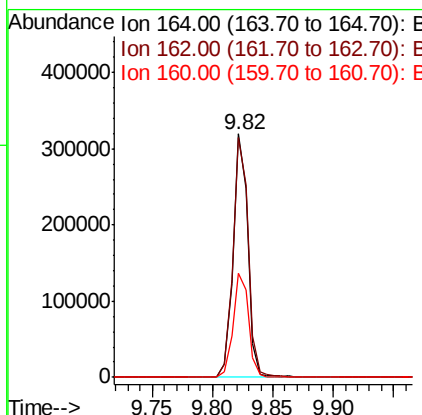
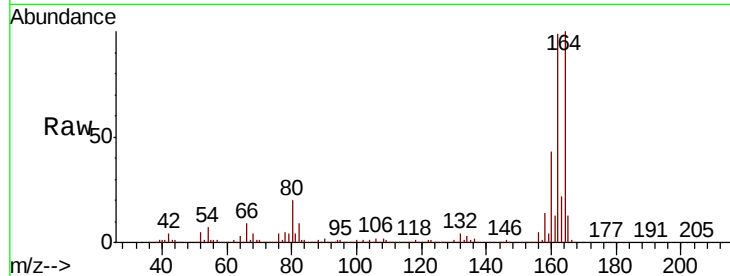




#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF111530.D
 Acq: 17 Dec 2018 10:57

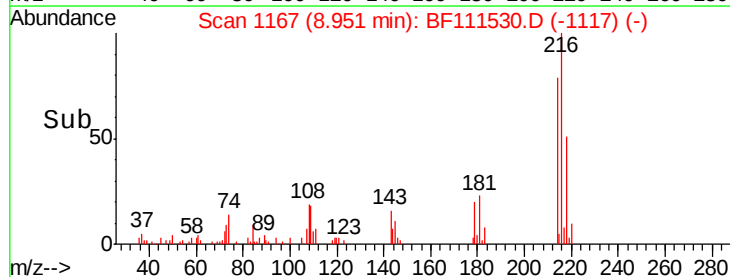
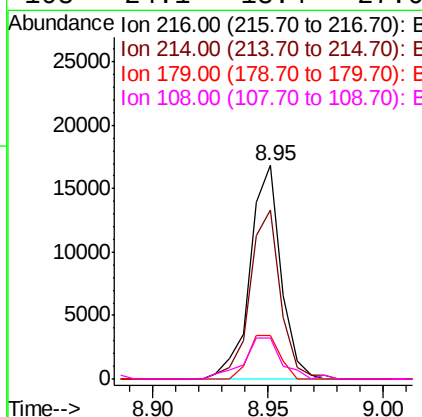
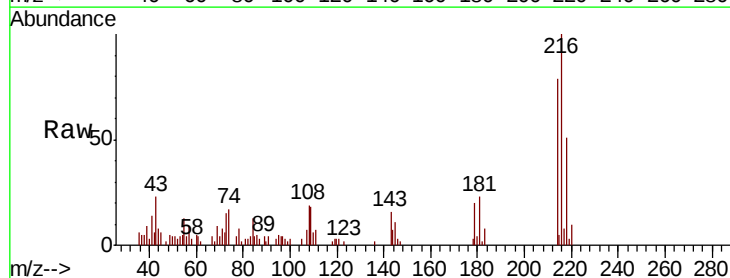
Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-02

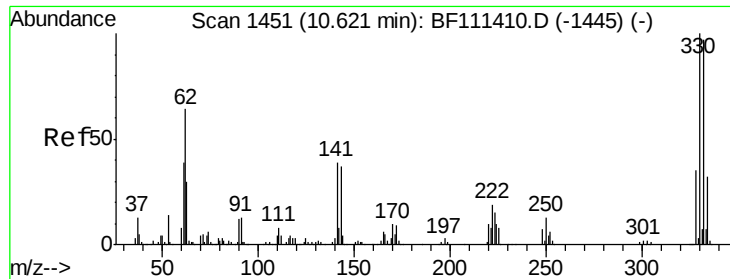
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.7	81.4	122.0
160	43.0	35.7	53.5



#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 2.116 ng
 RT: 8.95 min Scan# 1167
 Delta R.T. -0.01 min
 Lab File: BF111530.D
 Acq: 17 Dec 2018 10:57

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.9	63.8	95.8
179	20.8	17.9	26.9
108	24.1	18.4	27.6

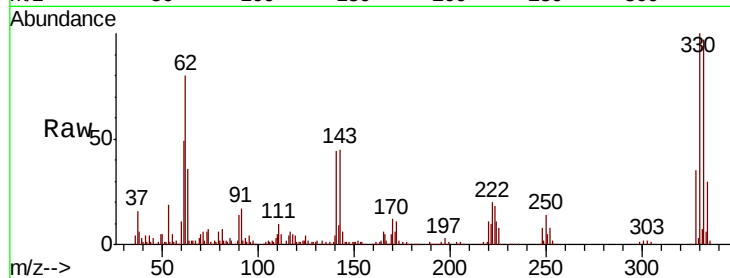




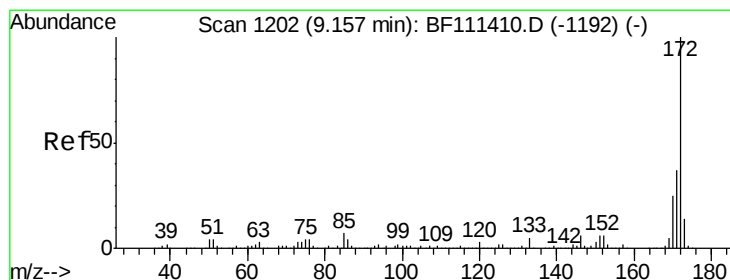
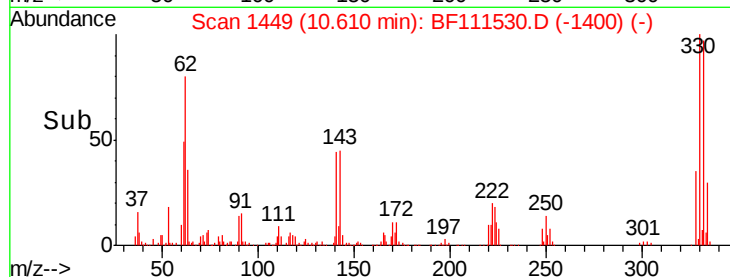
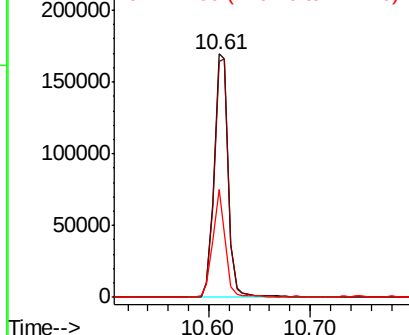
#42
 2,4,6-Tribromophenol
 Concen: 67.668 ng
 RT: 10.61 min Scan# 1449
 Delta R.T. -0.01 min
 Lab File: BF111530.D
 Acq: 17 Dec 2018 10:57

Instrument :
 BNA_F
 ClientSampleId :
 P001-SS015-0612-02

Tot Ion:330 Resp: 164961
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.0 114.0
 141 38.5 31.0 46.6

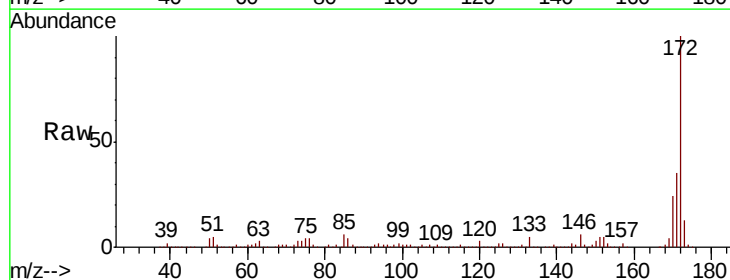


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

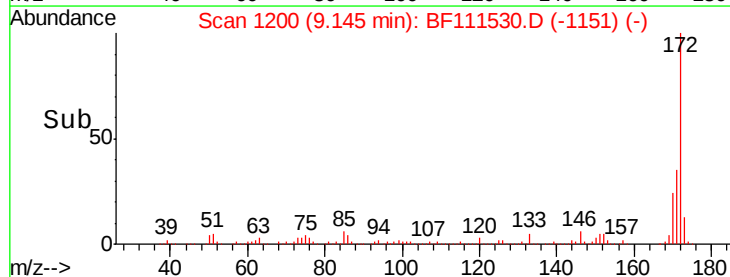
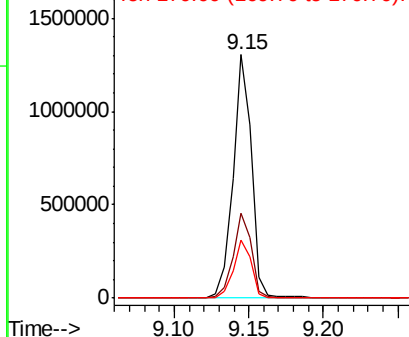


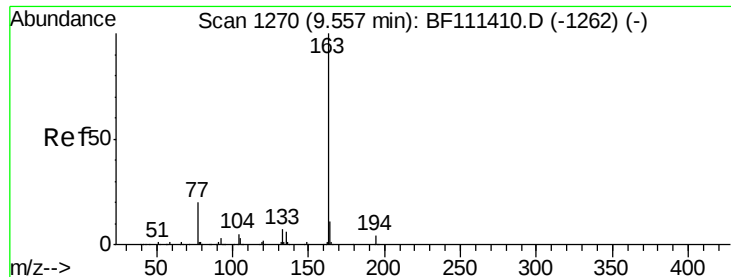
#45
 2-Fluorobiphenyl
 Concen: 64.761 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. -0.01 min
 Lab File: BF111530.D
 Acq: 17 Dec 2018 10:57

Tgt Ion:172 Resp: 1140989
 Ion Ratio Lower Upper
 172 100
 171 34.7 33.0 49.4
 170 23.6 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

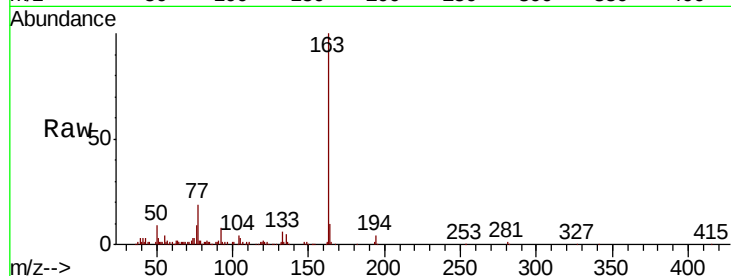




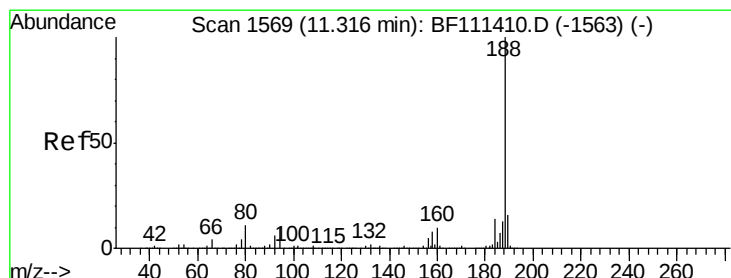
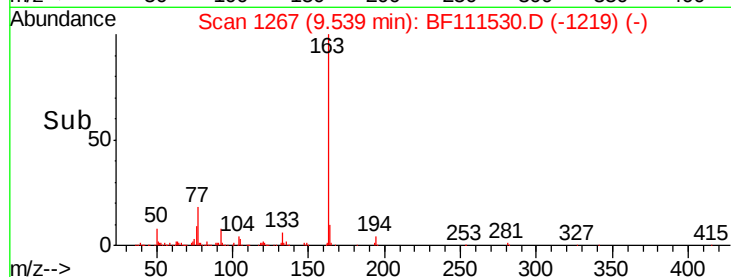
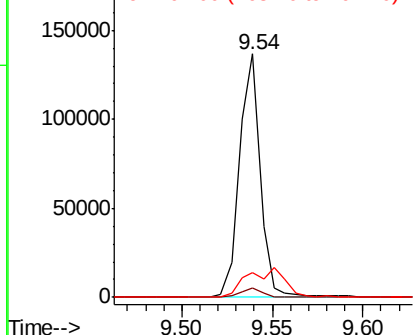
#50
Dimethylphthalate
Concen: 5.585 ng
RT: 9.54 min Scan# 1267
Delta R.T. -0.02 min
Lab File: BF111530.D
Acq: 17 Dec 2018 10:57

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-02

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.7	3.0	4.6
164	9.9	8.9	13.3

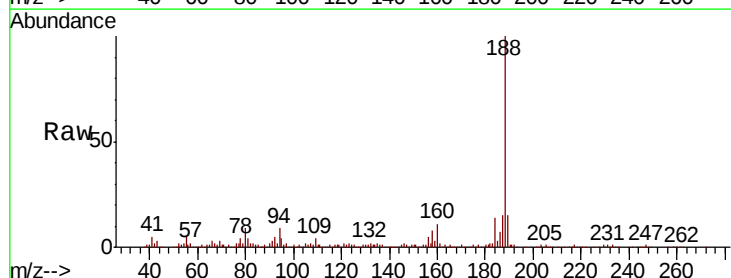


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

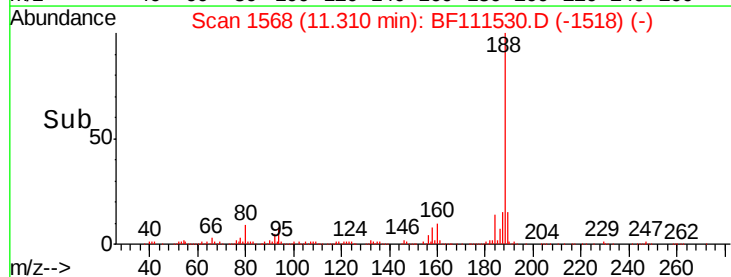
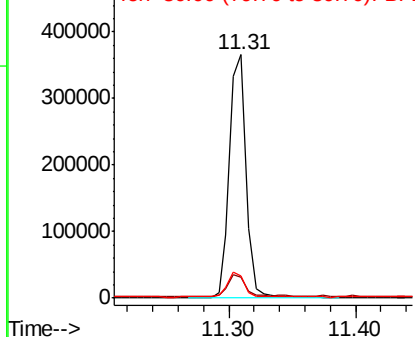


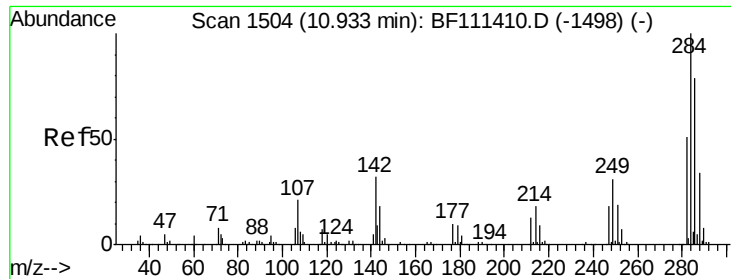
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.31 min Scan# 1568
Delta R.T. -0.01 min
Lab File: BF111530.D
Acq: 17 Dec 2018 10:57

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.7	9.6	14.4#
80	9.0	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

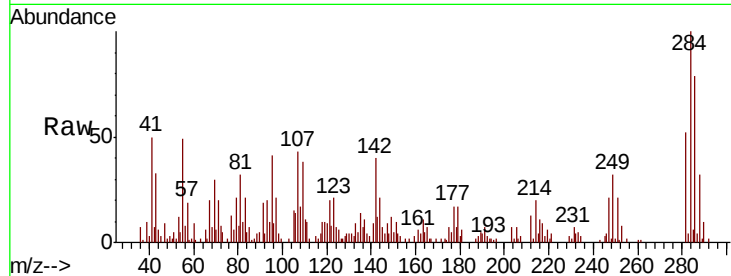




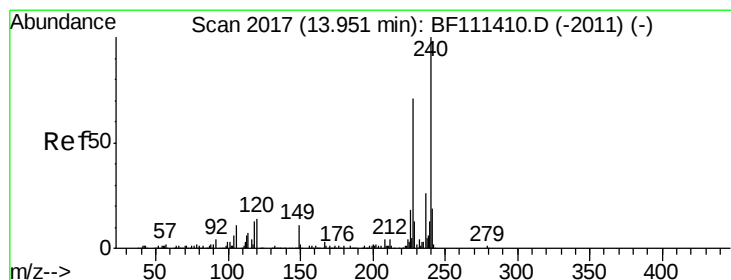
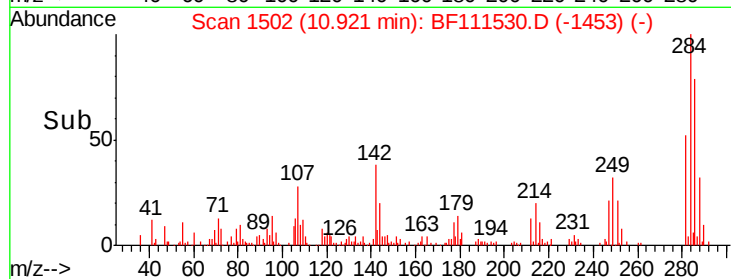
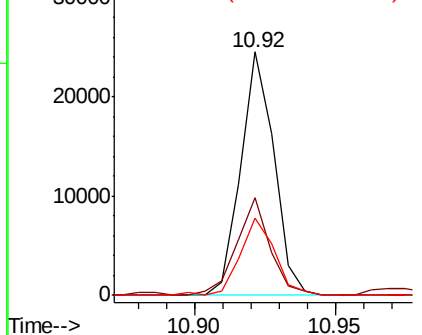
#68
Hexachlorobenzene
Concen: 5.425 ng
RT: 10.92 min Scan# 1502
Delta R.T. -0.01 min
Lab File: BF111530.D
Acq: 17 Dec 2018 10:57

Instrument :
BNA_F
ClientSampleId :
P001-SS015-0612-02

Tot Ion:284 Resp: 20013
Ion Ratio Lower Upper
284 100
142 39.9 27.4 41.2
249 31.9 24.4 36.6

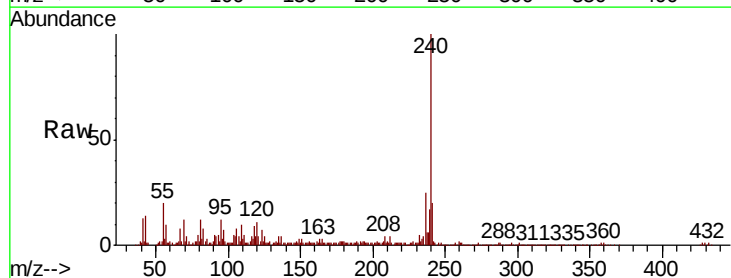


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

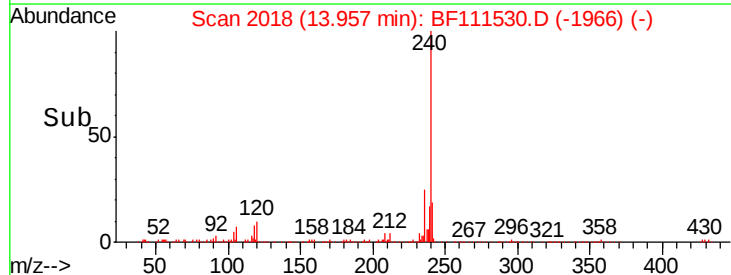
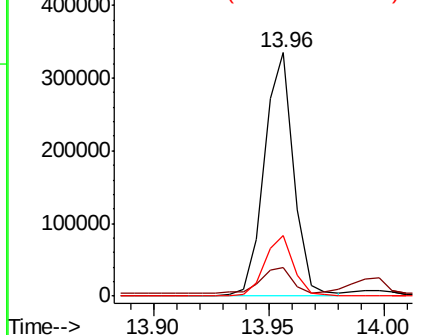


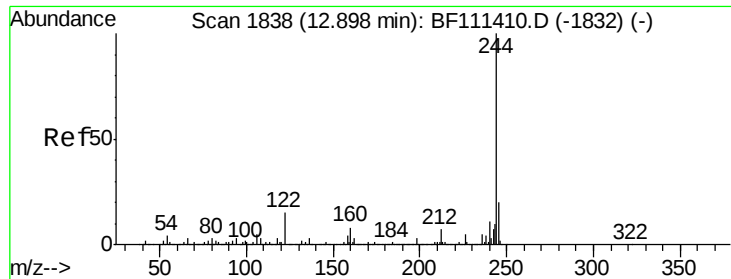
#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.96 min Scan# 2018
Delta R.T. 0.01 min
Lab File: BF111530.D
Acq: 17 Dec 2018 10:57

Tgt Ion:240 Resp: 294141
Ion Ratio Lower Upper
240 100
120 11.5 12.2 18.2#
236 25.1 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: 55.191 ng

RT: 12.90 min Scan# 1838

Delta R.T. -0.00 min

Lab File: BF111530.D

Acq: 17 Dec 2018 10:57

Instrument :

BNA_F

ClientSampleId :

P001-SS015-0612-02

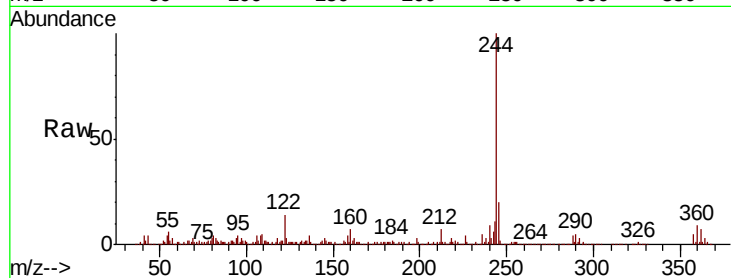
Tot Ion:244 Resp: 691330

Ion Ratio Lower Upper

244 100

212 6.6 5.7 8.5

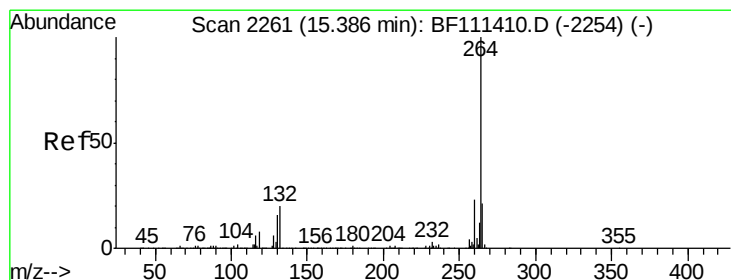
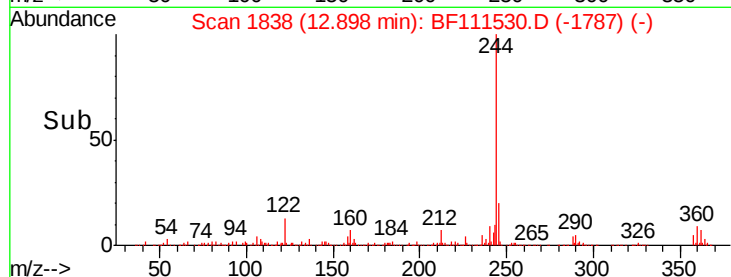
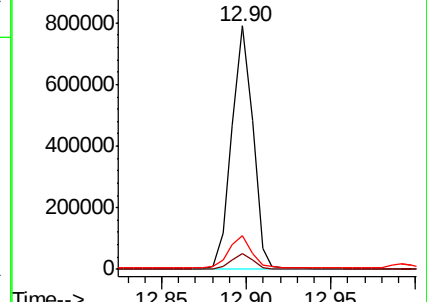
122 13.8 13.1 19.7



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: 15.40 min Scan# 2263

Delta R.T. 0.01 min

Lab File: BF111530.D

Acq: 17 Dec 2018 10:57

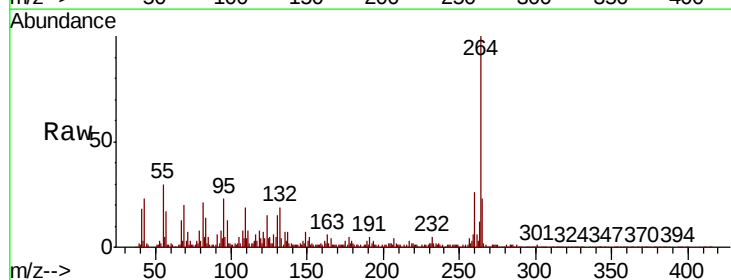
Tgt Ion:264 Resp: 256598

Ion Ratio Lower Upper

264 100

260 26.5 18.3 27.5

265 22.7 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

