

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF110518\
 Data File : BF110498.D
 Acq On : 6 Nov 2018 7:10
 Operator : JU/SJ
 Sample : J5810-10
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 110218-TIPC-E-D-B

Quant Time: Nov 06 09:54:52 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 01 16:06:12 2018
 Response via : Initial Calibration

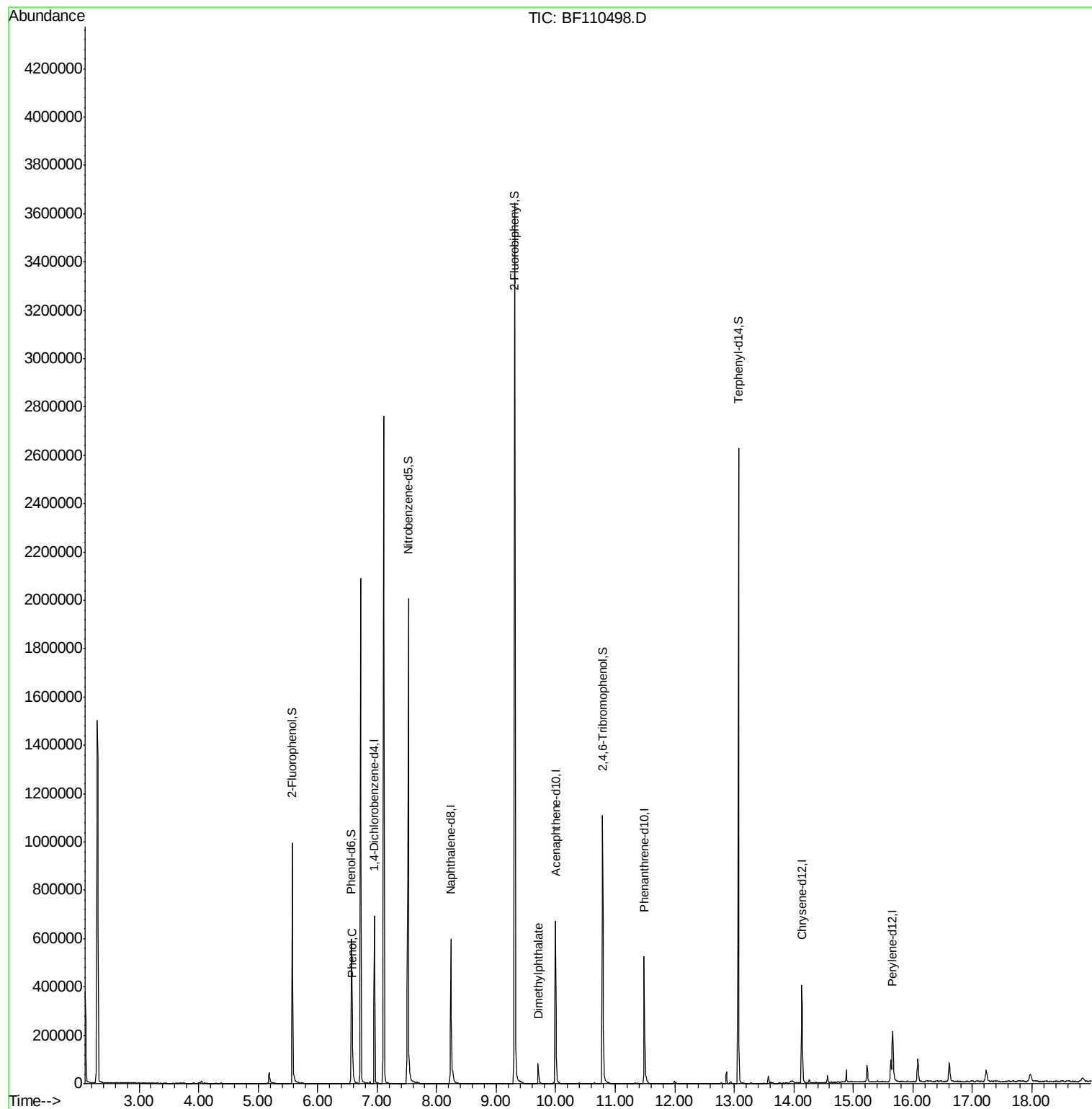
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	101940	20.00	ng	0.00
21) Naphthalene-d8	8.24	136	397077	20.00	ng	0.00
39) Acenaphthene-d10	9.99	164	168395	20.00	ng	0.00
64) Phenanthrene-d10	11.49	188	246828	20.00	ng	0.00
76) Chrysene-d12	14.13	240	169254	20.00	ng	0.00
87) Perylene-d12	15.66	264	130372	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	280231	44.77	ng	0.00
7) Phenol-d6	6.57	99	221532	27.67	ng	-0.01
23) Nitrobenzene-d5	7.52	82	745667	111.38	ng	0.00
42) 2,4,6-Tribromophenol	10.79	330	141916	85.08	ng	0.00
45) 2-Fluorobiphenyl	9.32	172	1316910	122.80	ng	0.00
79) Terphenyl-d14	13.07	244	845473	103.89	ng	0.00
Target Compounds						
10) Phenol	6.59	94	29549	3.452	ng	Qvalue # 67
50) Dimethylphthalate	9.70	163	49017	3.943	ng	99

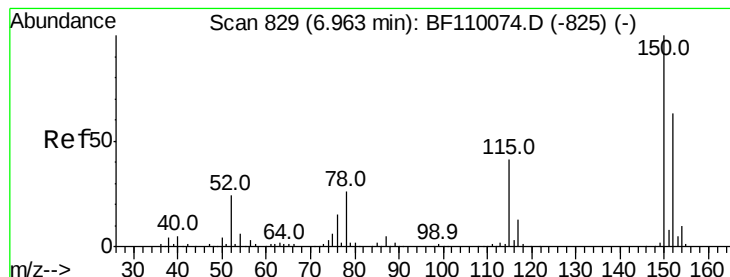
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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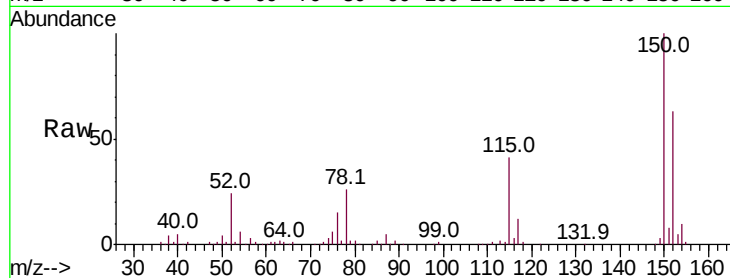


#1

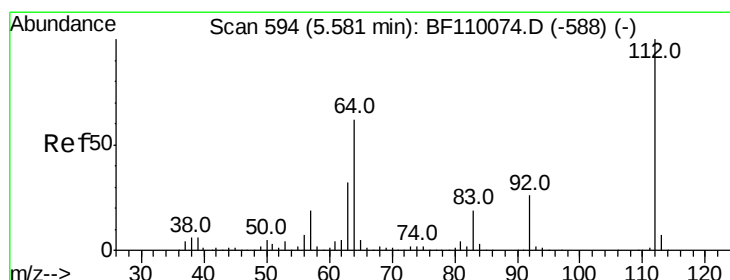
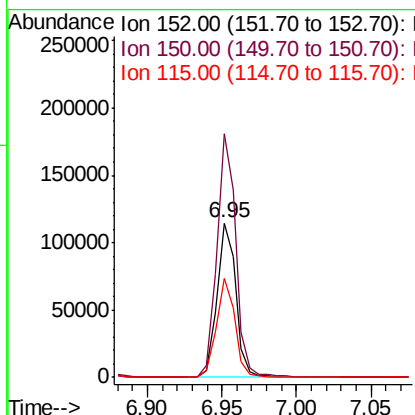
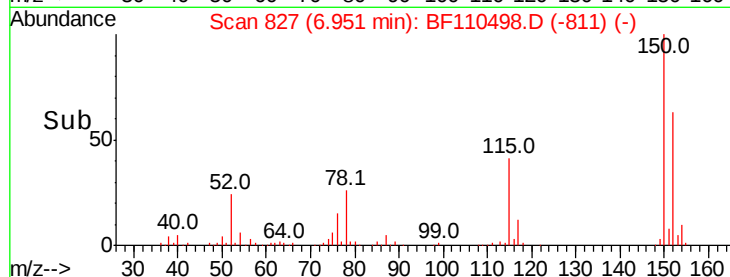
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.95 min Scan# 827
 Delta R.T. -0.01 min
 Lab File: BF110498.D
 Acq: 6 Nov 2018 7:10

Instrument :
 BNA_F
 ClientSampleId :
 110218-TIPC-E-D-B

Tot Ion:152 Resp: 101940
 Ion Ratio Lower Upper
 152 100
 150 158.1 122.7 184.1
 115 64.6 49.1 73.7



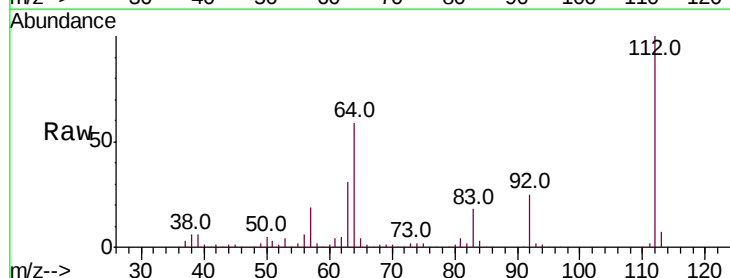
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



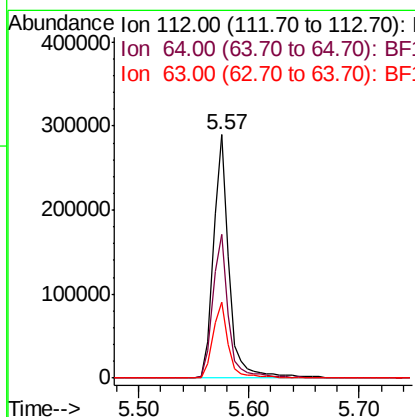
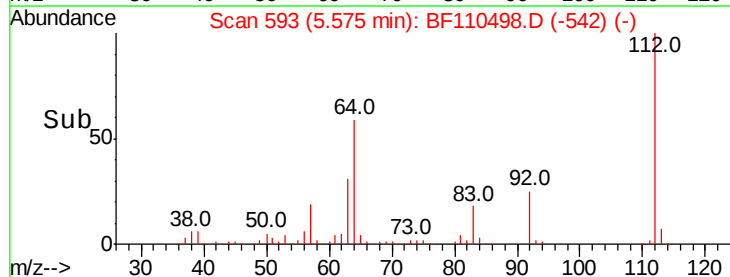
#5

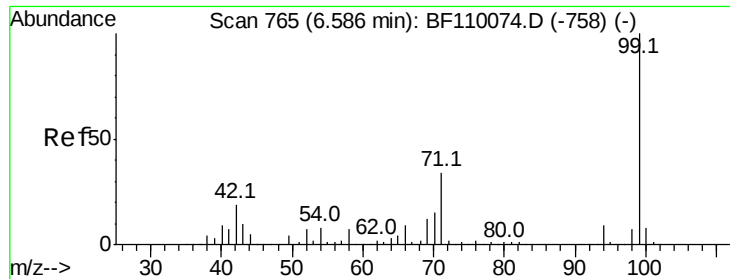
2-Fluorophenol
 Concen: 44.766 ng
 RT: 5.57 min Scan# 593
 Delta R.T. 0.00 min
 Lab File: BF110498.D
 Acq: 6 Nov 2018 7:10

Tgt Ion:112 Resp: 280231
 Ion Ratio Lower Upper
 112 100
 64 59.2 44.1 66.1
 63 31.3 23.7 35.5



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: 27.668 ng

RT: 6.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BF110498.D

Acq: 6 Nov 2018 7:10

Instrument :

BNA_F

ClientSampleId :

110218-TIPC-E-D-B

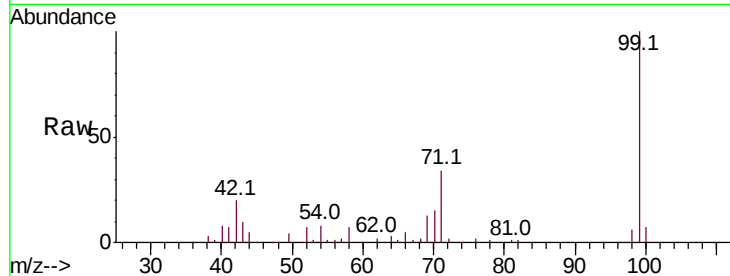
Tot Ion: 99 Resp: 221532

Ion Ratio Lower Upper

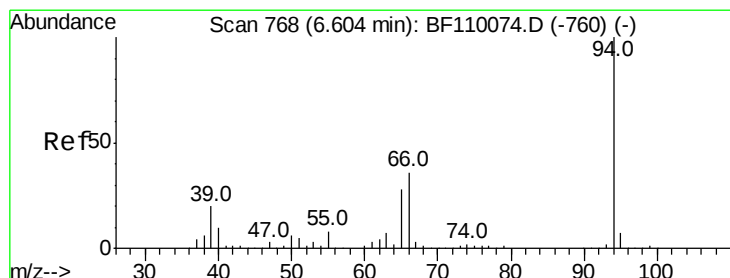
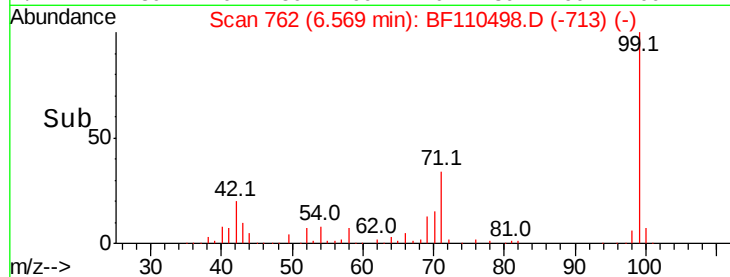
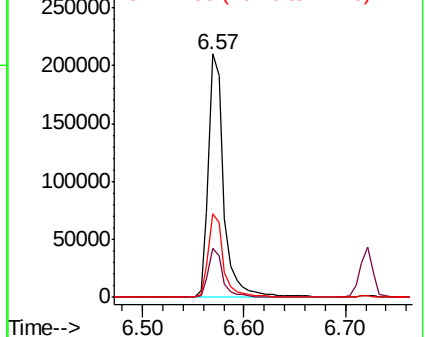
99 100

42 20.2 15.8 23.6

71 34.4 28.0 42.0



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: 3.452 ng

RT: 6.59 min Scan# 765

Delta R.T. -0.01 min

Lab File: BF110498.D

Acq: 6 Nov 2018 7:10

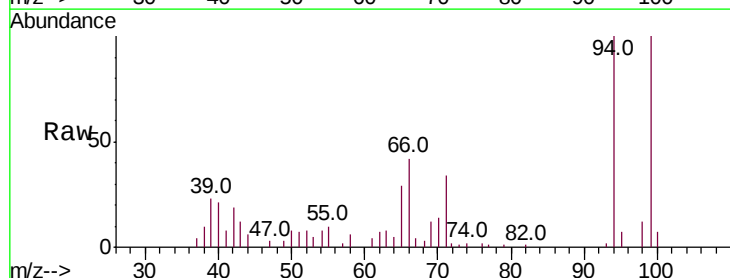
Tgt Ion: 94 Resp: 29549

Ion Ratio Lower Upper

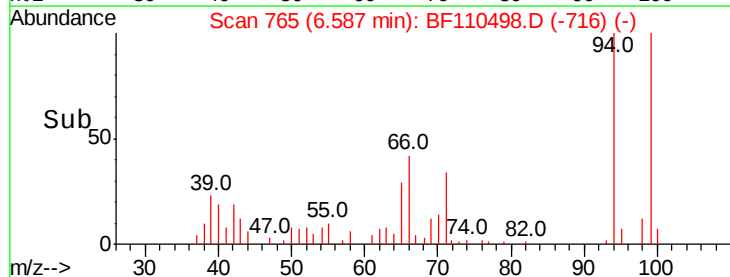
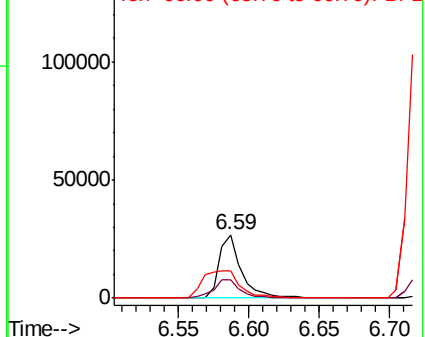
94 100

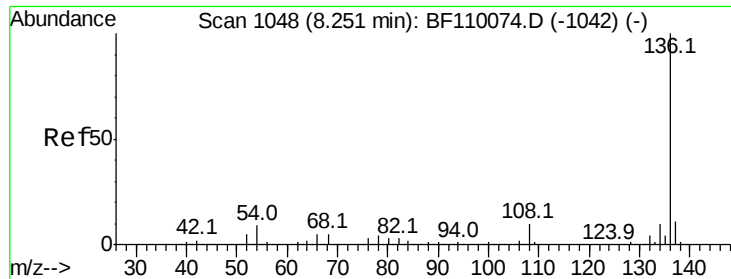
65 29.3 25.3 65.3

66 42.4 54.5 94.5#



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

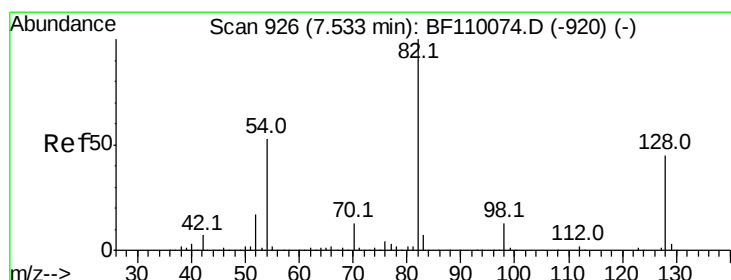
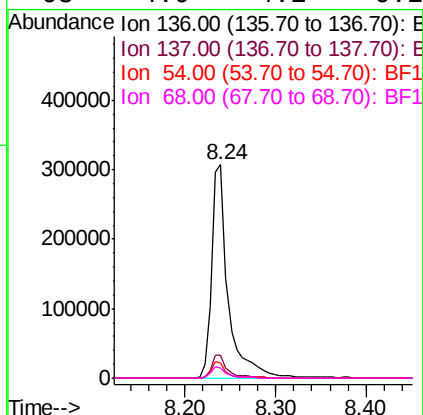
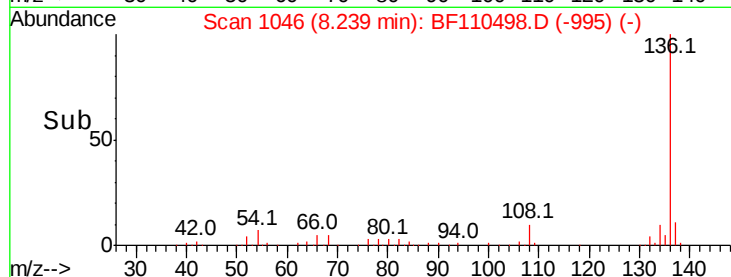
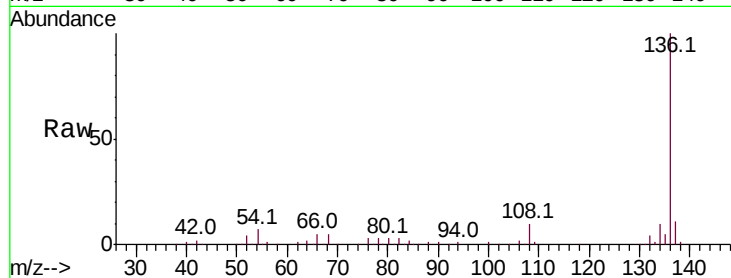




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.24 min Scan# 1046
Delta R.T. 0.00 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

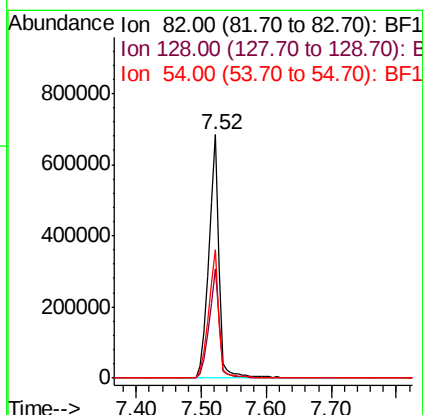
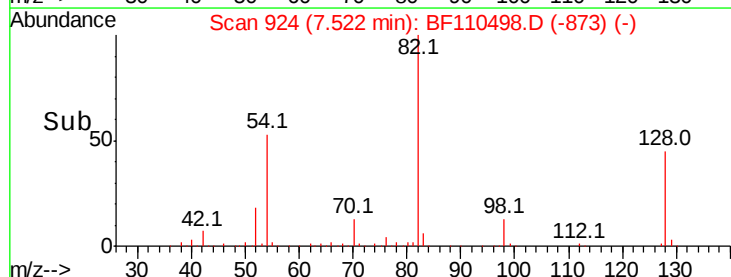
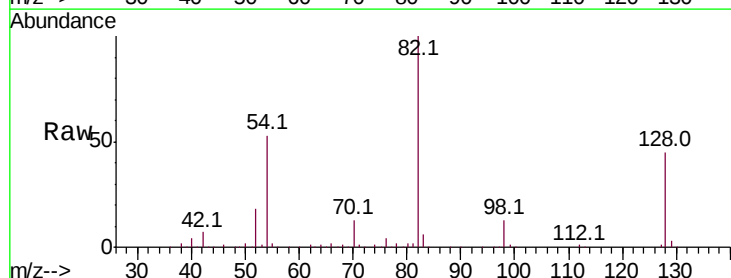
Instrument :
BNA_F
ClientSampleId :
110218-TIPC-E-D-B

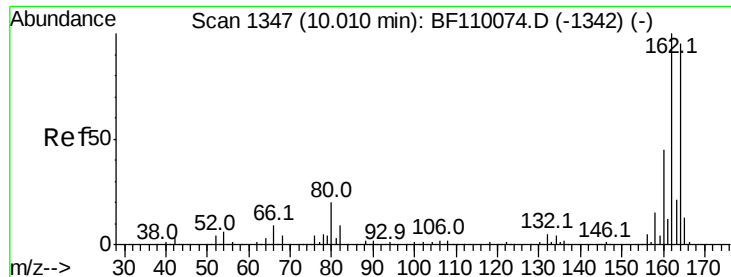
Tot Ion:	136	Resp:	397077
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.8	13.2
54	7.4	5.4	8.2
68	4.9	4.2	6.2



#23
Nitrobenzene-d5
Concen: 111.384 ng
RT: 7.52 min Scan# 924
Delta R.T. 0.00 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Tgt Ion:	82	Resp:	745667
Ion	Ratio	Lower	Upper
82	100		
128	44.7	34.2	51.2
54	52.6	38.6	58.0

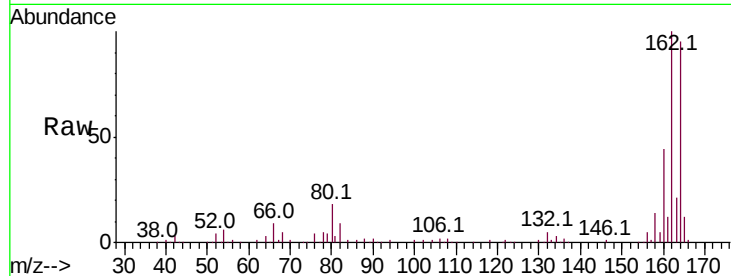




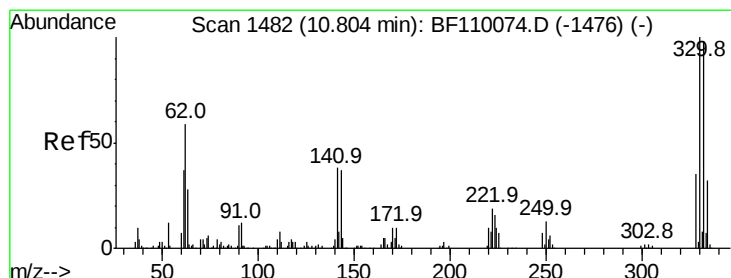
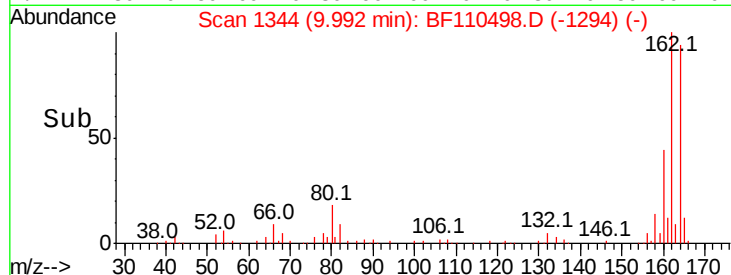
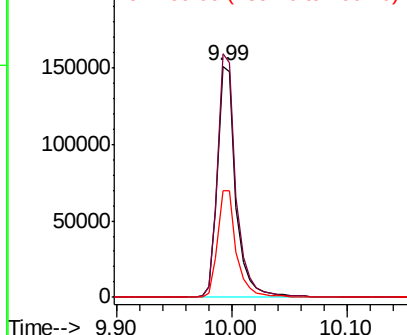
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.99 min Scan# 1344
Delta R.T. -0.01 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Instrument :
BNA_F
ClientSampleId :
110218-TIPC-E-D-B

Tot Ion:164 Resp: 168395
Ion Ratio Lower Upper
164 100
162 105.4 83.0 124.6
160 46.4 37.0 55.6

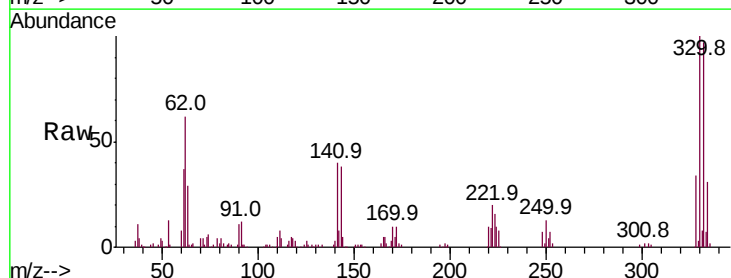


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

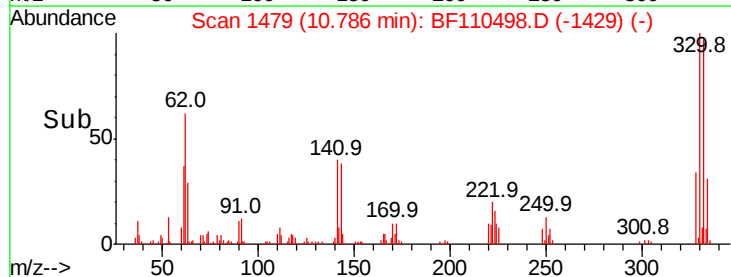
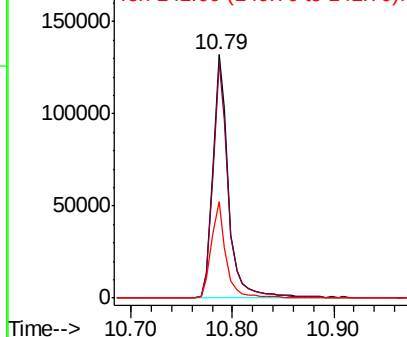


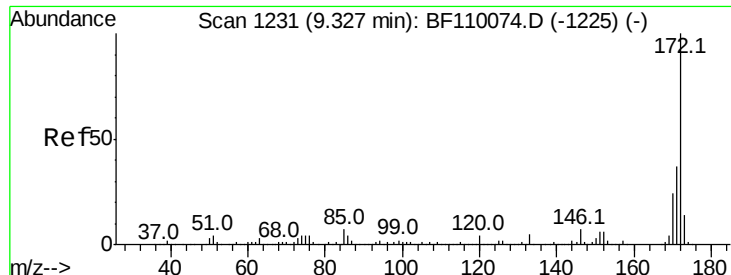
#42
2,4,6-Tribromophenol
Concen: 85.078 ng
RT: 10.79 min Scan# 1479
Delta R.T. -0.01 min
Lab File: BF110498.D
Acq: 6 Nov 2018 7:10

Tgt Ion:330 Resp: 141916
Ion Ratio Lower Upper
330 100
332 96.2 77.1 115.7
141 37.5 27.0 40.4



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



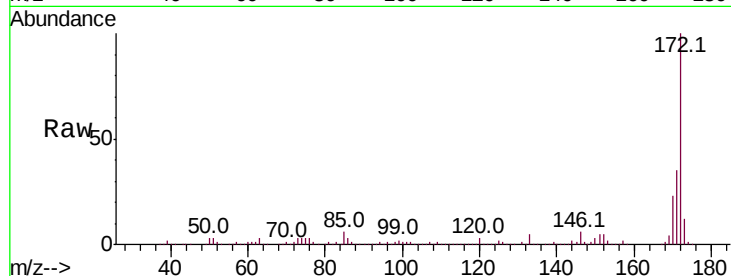


#45
 2-Fluorobiphenyl
 Concen: 122.800 ng
 RT: 9.32 min Scan# 1229
 Delta R.T. 0.00 min
 Lab File: BF110498.D
 Acq: 6 Nov 2018 7:10

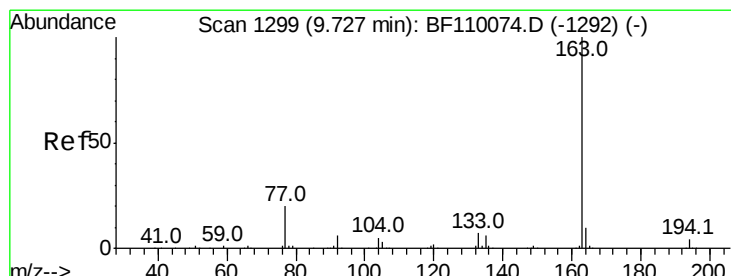
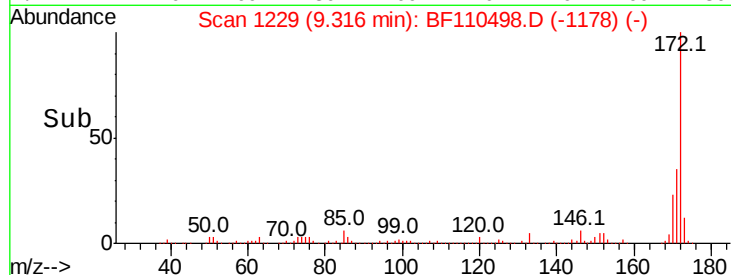
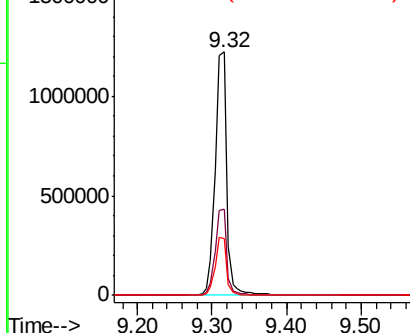
Instrument :
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 110218-TIPC-E-D-B

Tot Ion:172 Resp: 1316910

Ion	Ratio	Lower	Upper
172	100		
171	35.4	28.6	43.0
170	23.4	19.7	29.5



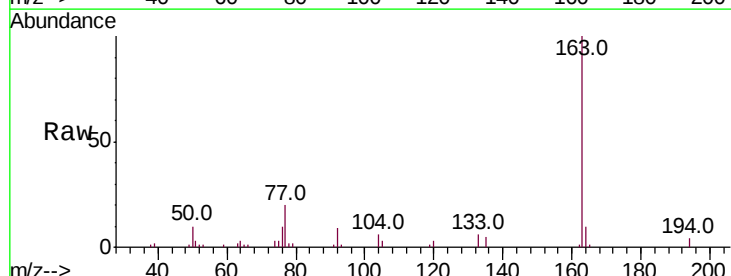
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



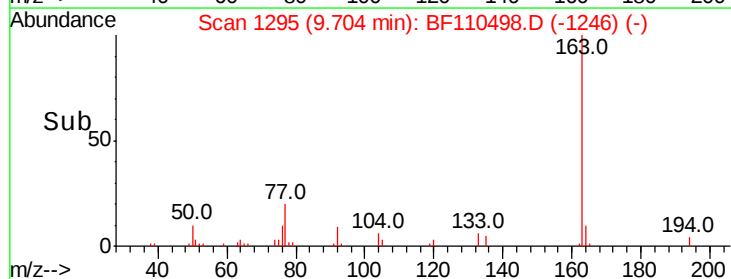
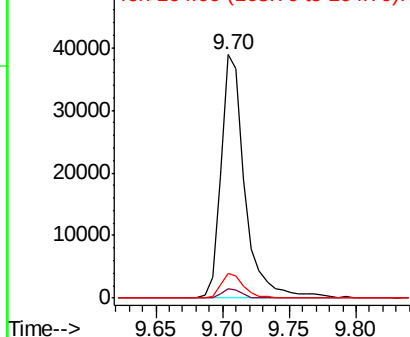
#50
 Dimethylphthalate
 Concen: 3.943 ng
 RT: 9.70 min Scan# 1295
 Delta R.T. -0.01 min
 Lab File: BF110498.D
 Acq: 6 Nov 2018 7:10

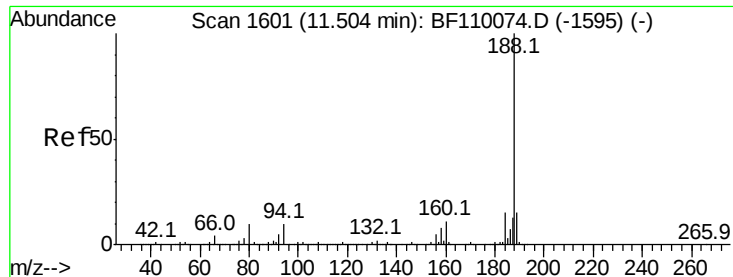
Tgt Ion:163 Resp: 49017

Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.2	4.8
164	10.2	8.1	12.1



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: 11.49 min Scan# 1598

Delta R.T. -0.01 min

Lab File: BF110498.D

Acq: 6 Nov 2018 7:10

Instrument :

BNA_F

ClientSampleId :

110218-TIPC-E-D-B

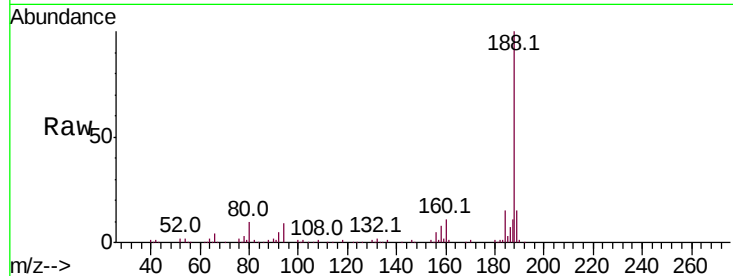
Tot Ion:188 Resp: 246828

Ion Ratio Lower Upper

188 100

94 9.3 7.2 10.8

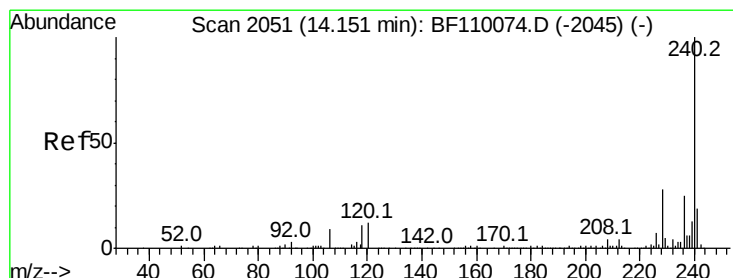
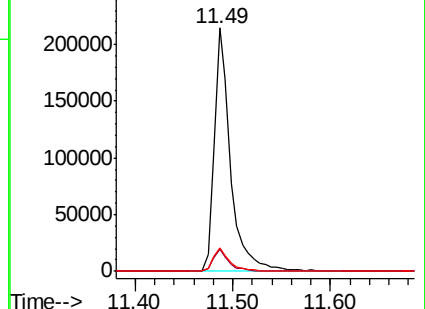
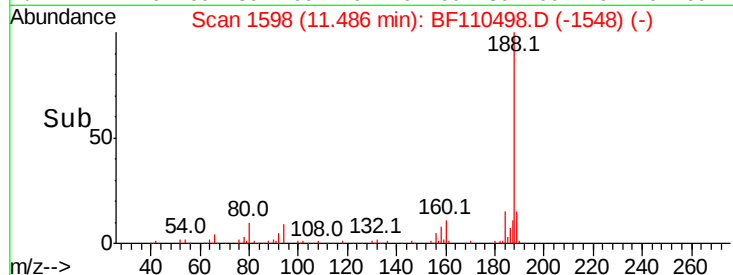
80 9.8 7.9 11.9



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.13 min Scan# 2048

Delta R.T. -0.01 min

Lab File: BF110498.D

Acq: 6 Nov 2018 7:10

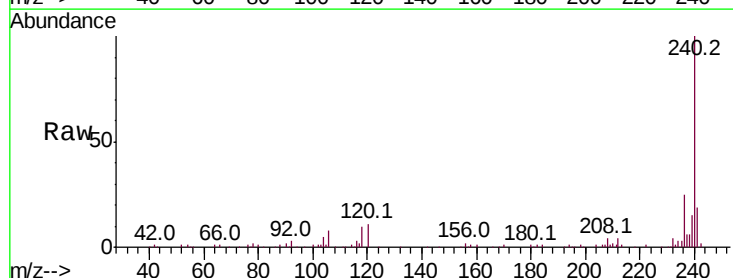
Tgt Ion:240 Resp: 169254

Ion Ratio Lower Upper

240 100

120 11.5 8.3 12.5

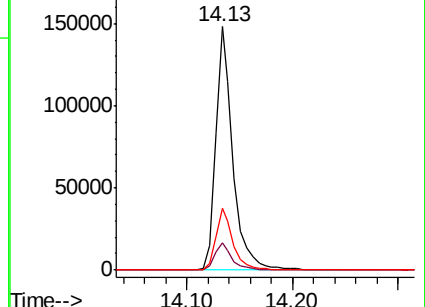
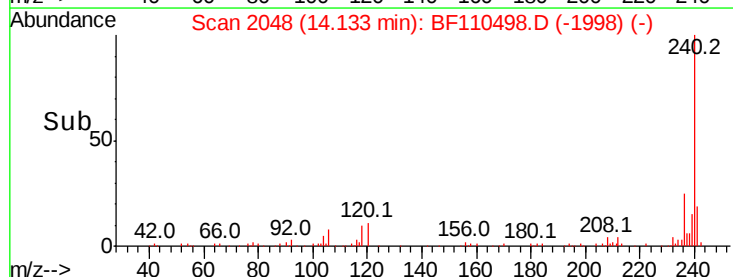
236 25.2 21.2 31.8

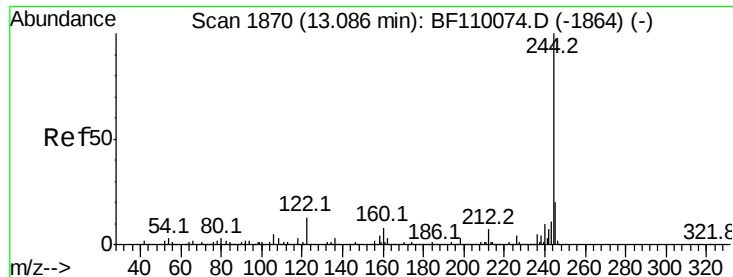


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 103.888 ng

RT: 13.07 min Scan# 1867

Delta R.T. -0.01 min

Lab File: BF110498.D

Acq: 6 Nov 2018 7:10

Instrument :

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ClientSampleId :

110218-TIPC-E-D-B

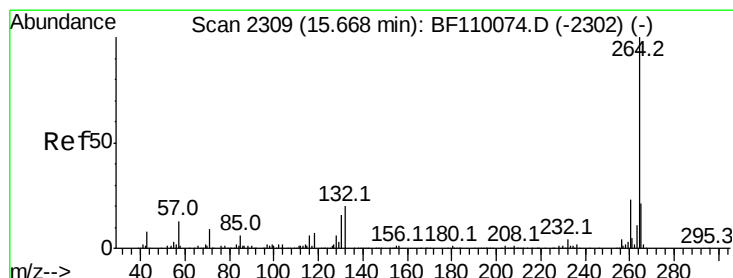
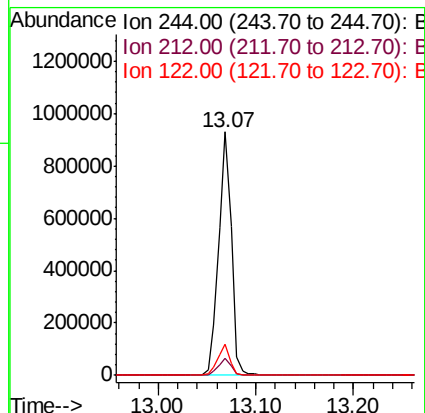
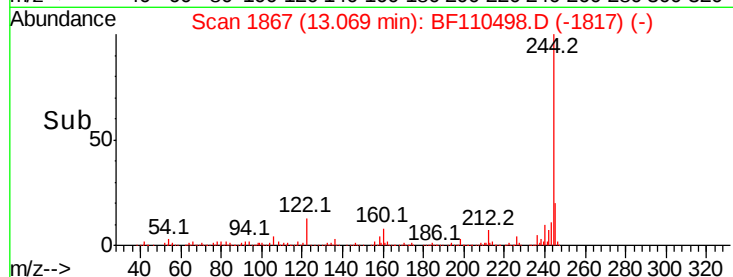
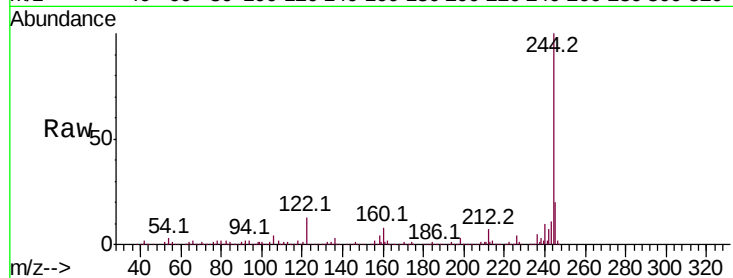
Tot Ion:244 Resp: 845473

Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 12.8 8.7 13.1



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.66 min Scan# 2307

Delta R.T. 0.00 min

Lab File: BF110498.D

Acq: 6 Nov 2018 7:10

Tgt Ion:264 Resp: 130372

Ion Ratio Lower Upper

264 100

260 24.0 18.7 28.1

265 21.9 16.7 25.1

