

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020818\
 Data File : BF102867.D
 Acq On : 8 Feb 2018 20:16
 Operator : SJ/JU
 Sample : J1470-19
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 3N-14

Quant Time: Feb 09 00:52:19 2018
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF020318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 05 12:44:16 2018
 Response via : Initial Calibration

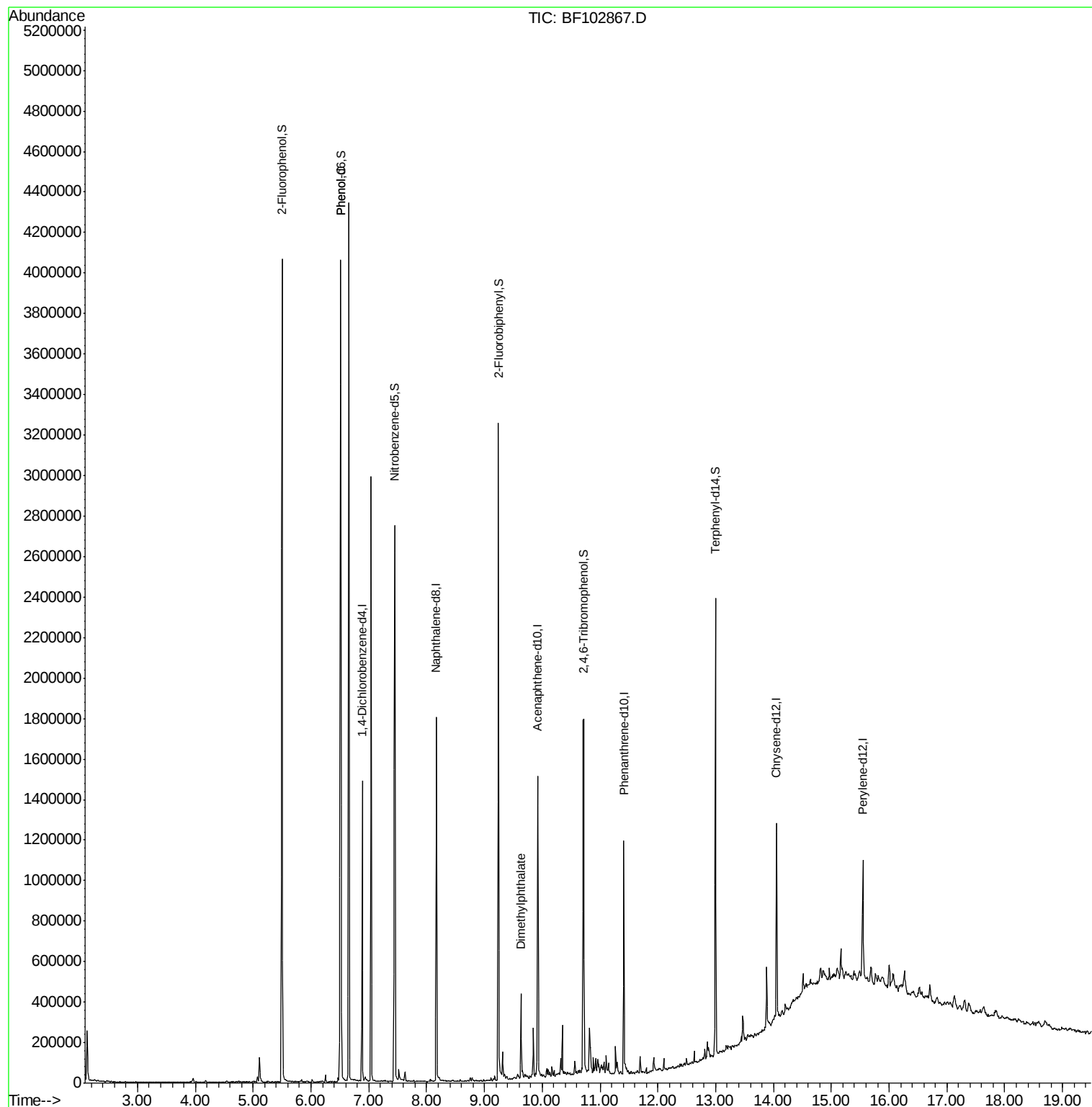
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	187849	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	715971	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	292261	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	410307	20.00	ng	0.00
75) Chrysene-d12	14.05	240	344542	20.00	ng	0.00
86) Perylene-d12	15.54	264	271462	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1169107	94.52	ng	0.00
7) Phenol-d6	6.52	99	1450140	97.37	ng	0.01
23) Nitrobenzene-d5	7.45	82	910082	88.18	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	196364	83.48	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	1067038	60.58	ng	0.00
78) Terphenyl-d14	13.00	244	744375	51.16	ng	0.00
Target Compounds						
10) Phenol	6.52	94	86352	5.410	ng	78
49) Dimethylphthalate	9.63	163	137409	6.030	ng	99

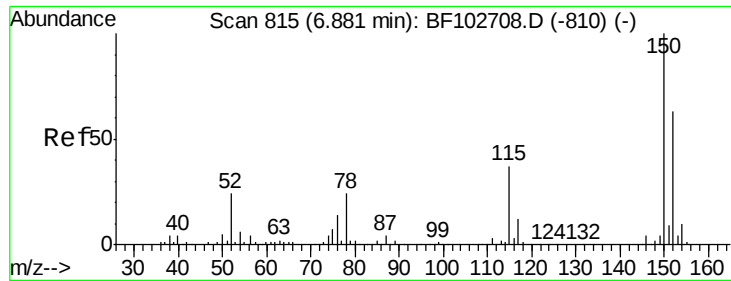
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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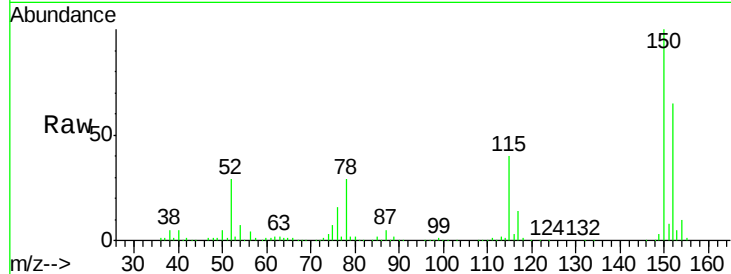


#1

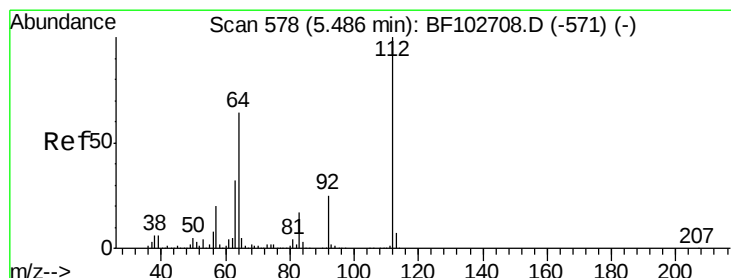
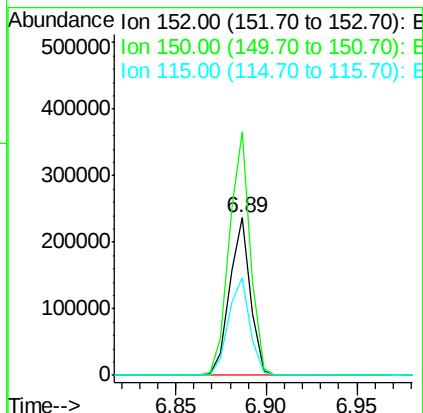
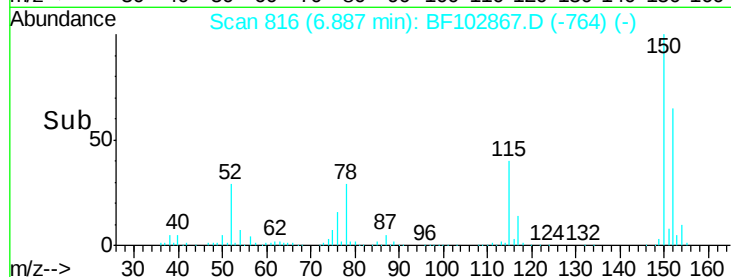
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.89 min Scan# 816
Delta R.T. 0.01 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

Instrument :
BNA_F
ClientSampled :
3N-14

Tgt Ion:152 Resp: 187849
Ion Ratio Lower Upper
152 100
150 154.3 124.6 186.8
115 62.0 50.1 75.1



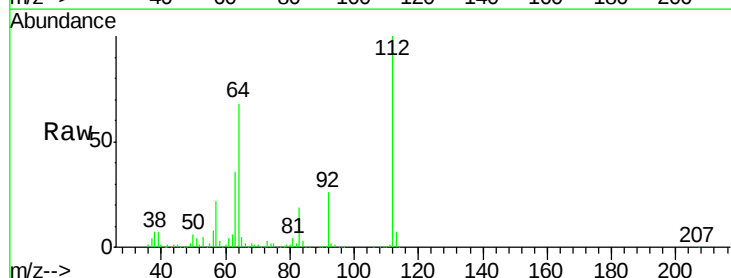
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



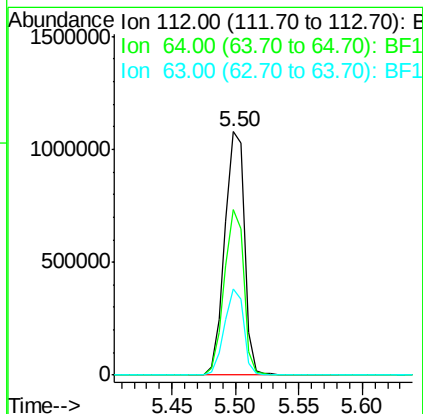
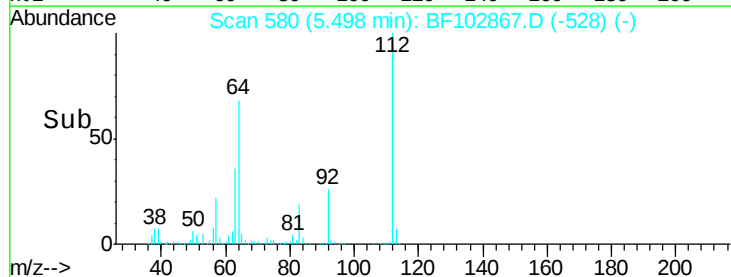
#5

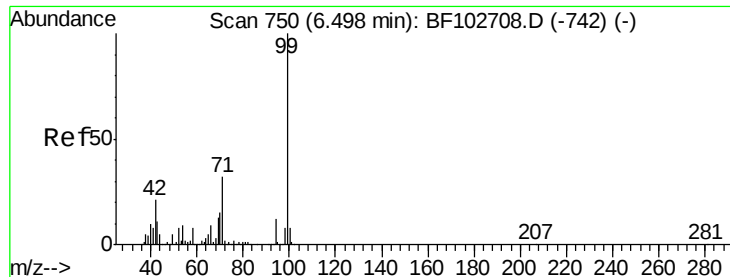
2-Fluorophenol
Concen: 94.517 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

Tgt Ion:112 Resp: 1169107
Ion Ratio Lower Upper
112 100
64 68.2 47.9 71.9
63 35.5 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: 97.367 ng

RT: 6.52 min Scan# 753

Delta R.T. 0.01 min

Lab File: BF102867.D

Acq: 8 Feb 2018 20:16

Instrument :

BNA_F

ClientSampleId :

3N-14

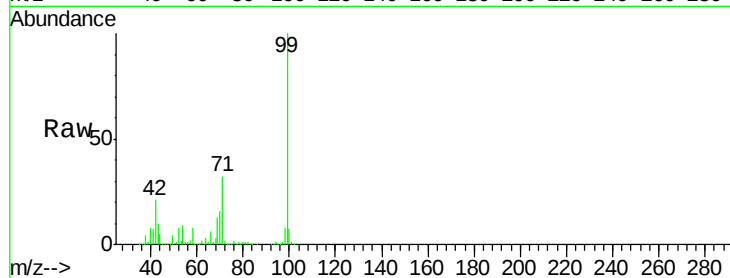
Tgt Ion: 99 Resp: 1450140

Ion Ratio Lower Upper

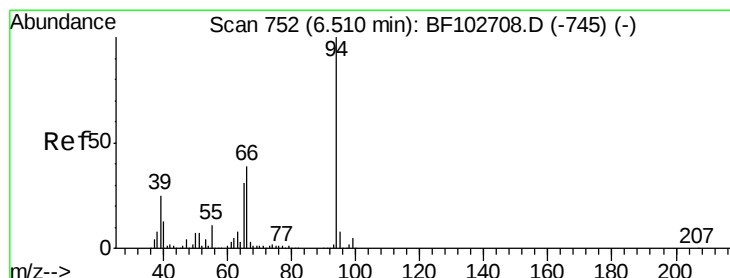
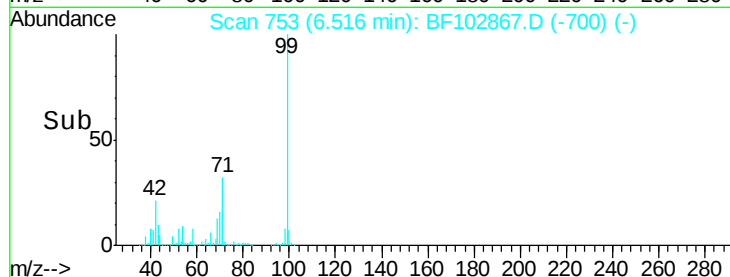
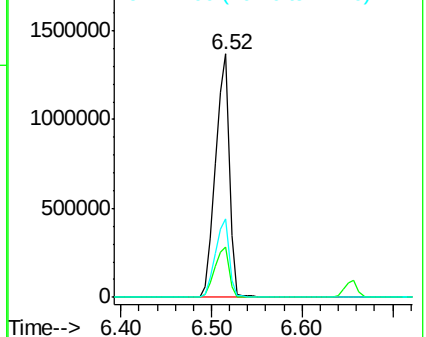
99 100

42 20.5 14.5 21.7

71 32.5 25.4 38.0



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: 5.410 ng

RT: 6.52 min Scan# 754

Delta R.T. 0.00 min

Lab File: BF102867.D

Acq: 8 Feb 2018 20:16

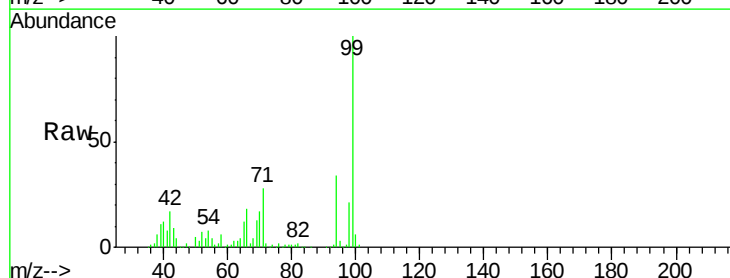
Tgt Ion: 94 Resp: 86352

Ion Ratio Lower Upper

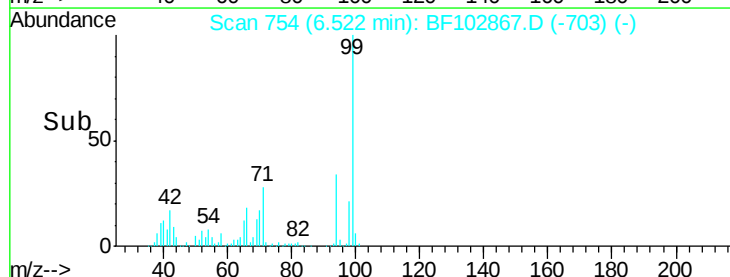
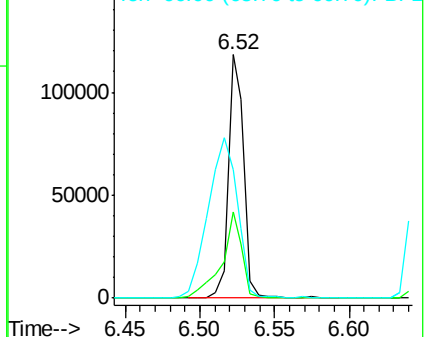
94 100

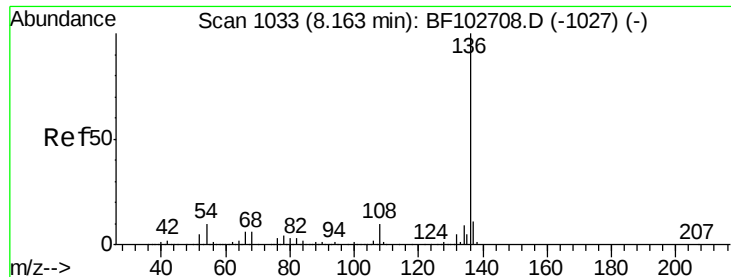
65 35.4 7.9 47.9

66 52.8 16.2 56.2



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

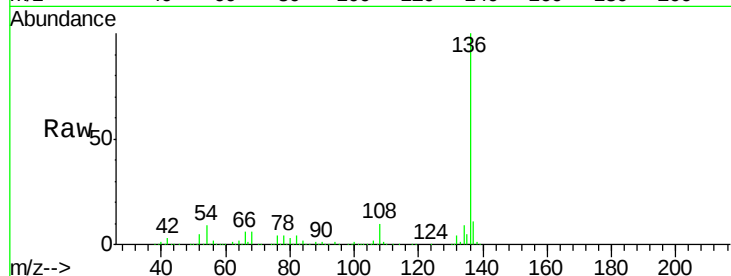




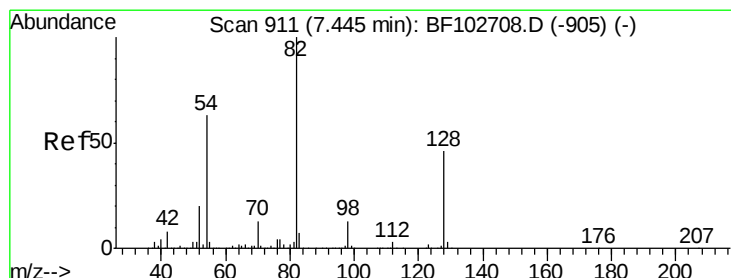
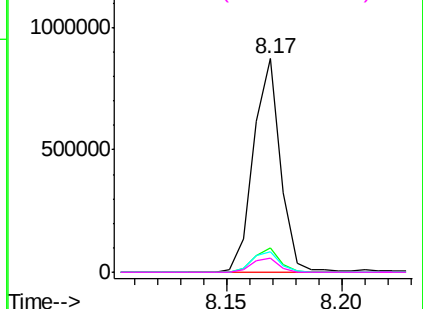
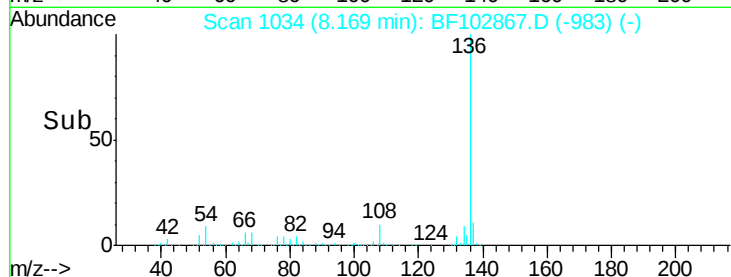
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.17 min Scan# 1034
Delta R.T. 0.00 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

Instrument :
BNA_F
ClientSampled :
3N-14

Tgt Ion:	136	Resp:	715971
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.9	13.3
54	9.5	6.6	9.8
68	6.4	5.0	7.4

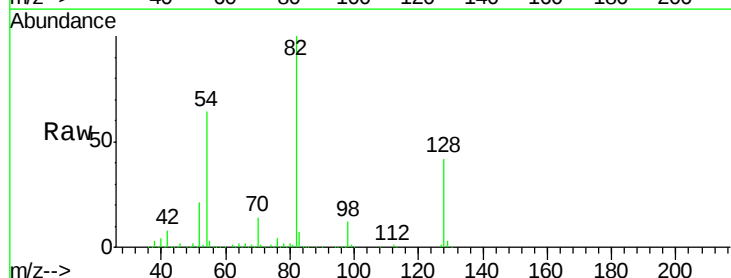


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF1
Ion 68.00 (67.70 to 68.70): BF1

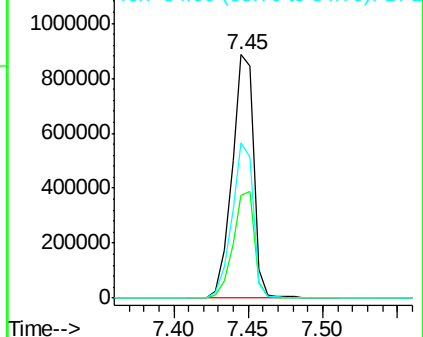
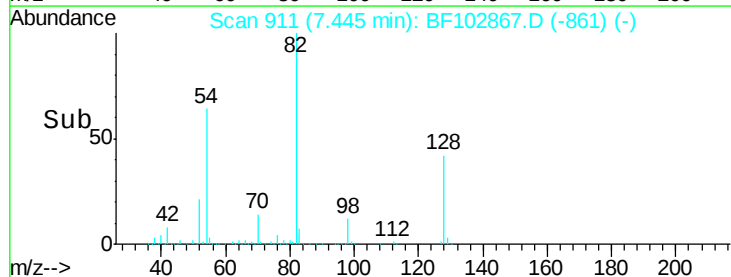


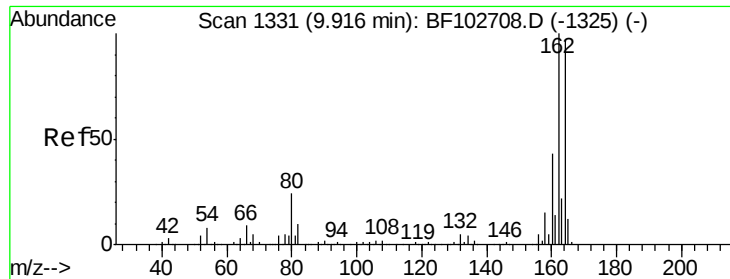
#23
Nitrobenzene-d5
Concen: 88.178 ng
RT: 7.45 min Scan# 911
Delta R.T. -0.01 min
Lab File: BF102867.D
Acq: 8 Feb 2018 20:16

Tgt Ion:	82	Resp:	910082
Ion	Ratio	Lower	Upper
82	100		
128	42.1	36.1	54.1
54	63.8	41.4	62.2#



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

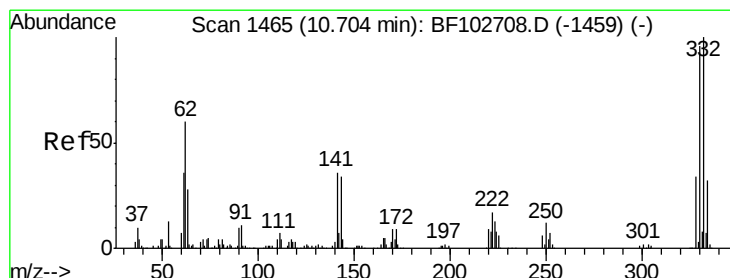
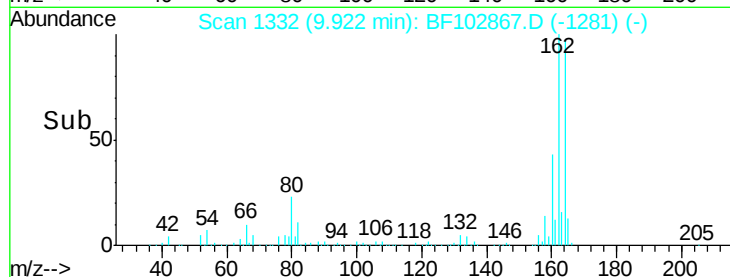
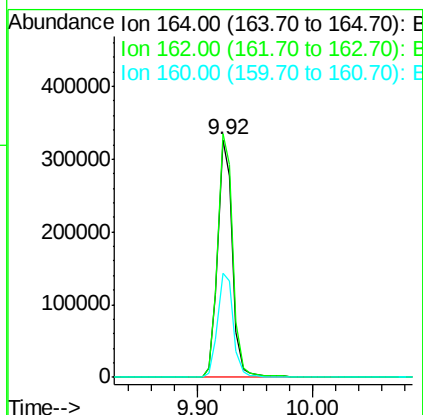
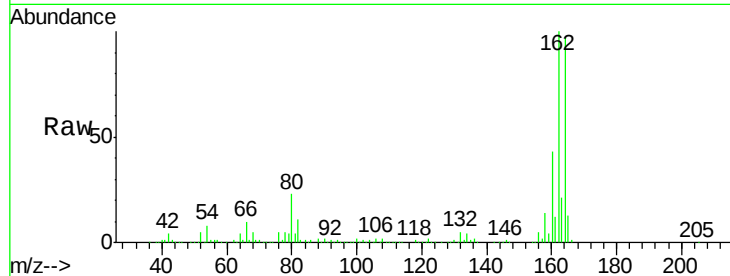




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. 0.00 min
 Lab File: BF102867.D
 Acq: 8 Feb 2018 20:16

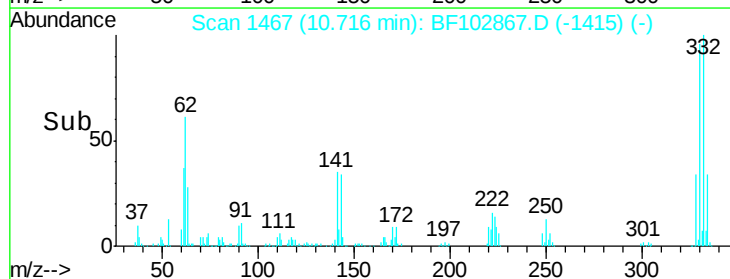
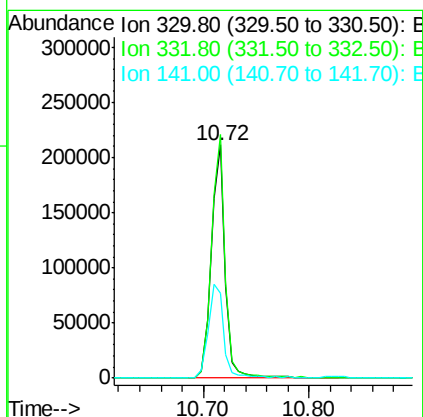
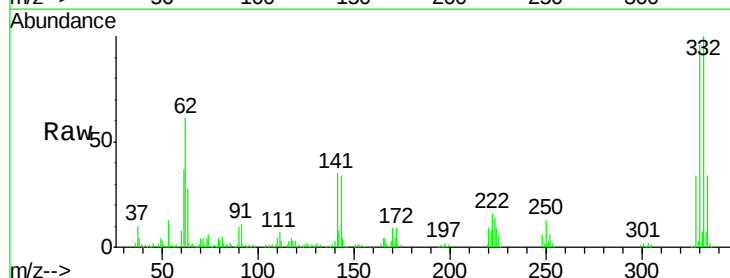
Instrument :
 BNA_F
 ClientSampleId :
 3N-14

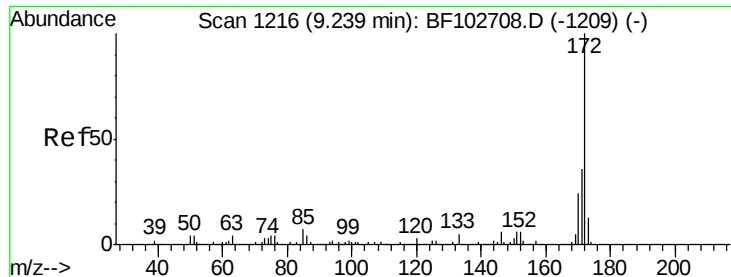
Tgt Ion:164 Resp: 292261
 Ion Ratio Lower Upper
 164 100
 162 102.6 86.1 129.1
 160 44.0 38.3 57.5



#41
 2,4,6-Tribromophenol
 Concen: 83.475 ng
 RT: 10.72 min Scan# 1467
 Delta R.T. 0.01 min
 Lab File: BF102867.D
 Acq: 8 Feb 2018 20:16

Tgt Ion:330 Resp: 196364
 Ion Ratio Lower Upper
 330 100
 332 104.4 77.0 115.6
 141 44.4 29.9 44.9

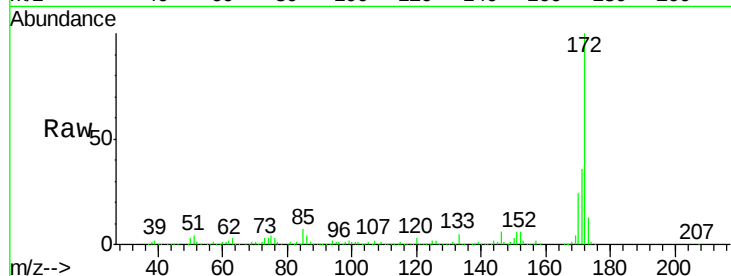




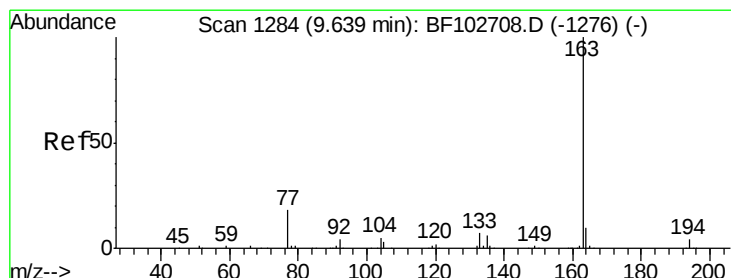
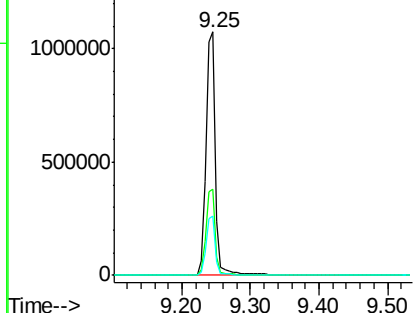
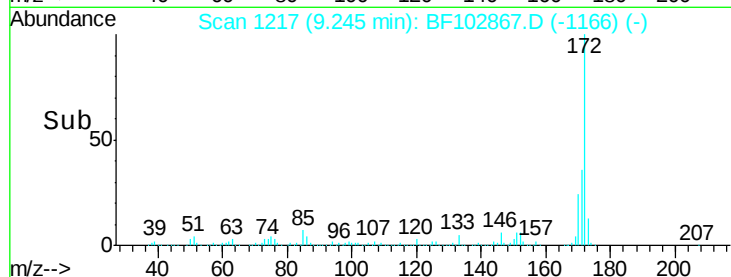
#44
 2-Fluorobiphenyl
 Concen: 60.583 ng
 RT: 9.25 min Scan# 1217
 Delta R.T. 0.00 min
 Lab File: BF102867.D
 Acq: 8 Feb 2018 20:16

Instrument :
 BNA_F
 ClientSampleId :
 3N-14

Tgt Ion:172 Resp: 1067038
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.7 44.5
 170 24.5 19.6 29.4

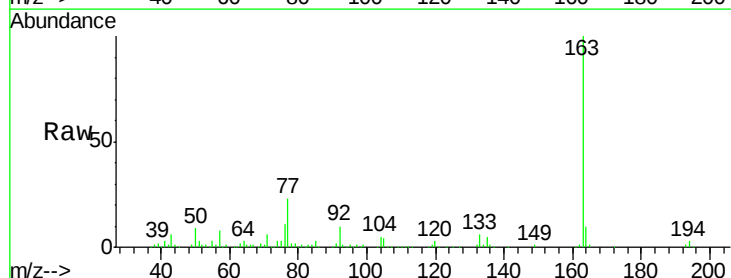


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

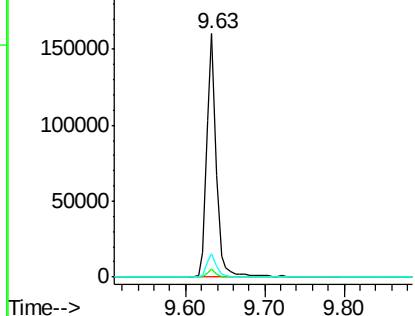
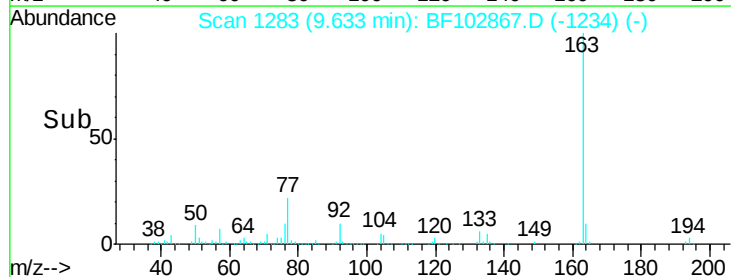


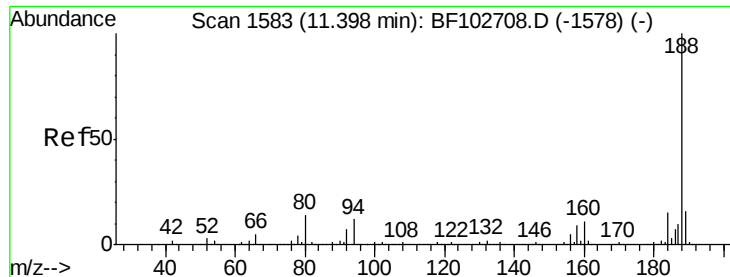
#49
 Dimethylphthalate
 Concen: 6.030 ng
 RT: 9.63 min Scan# 1283
 Delta R.T. -0.01 min
 Lab File: BF102867.D
 Acq: 8 Feb 2018 20:16

Tgt Ion:163 Resp: 137409
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.7 4.1
 164 9.6 8.2 12.2



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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. 0.00 min

Lab File: BF102867.D

Acq: 8 Feb 2018 20:16

Instrument :

BNA_F

ClientSampleId :

3N-14

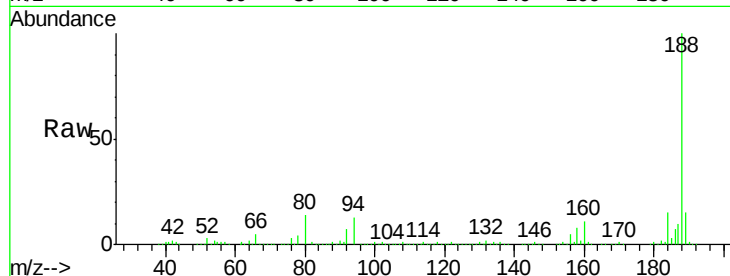
Tgt Ion:188 Resp: 410307

Ion Ratio Lower Upper

188 100

94 12.9 8.5 12.7#

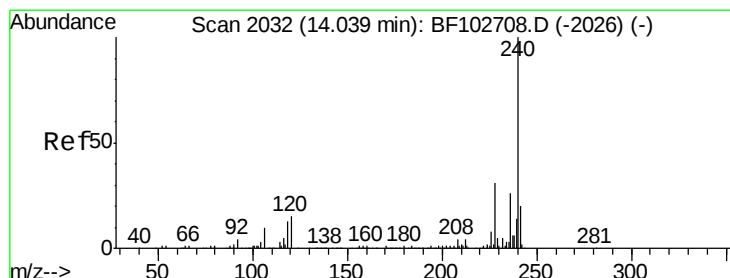
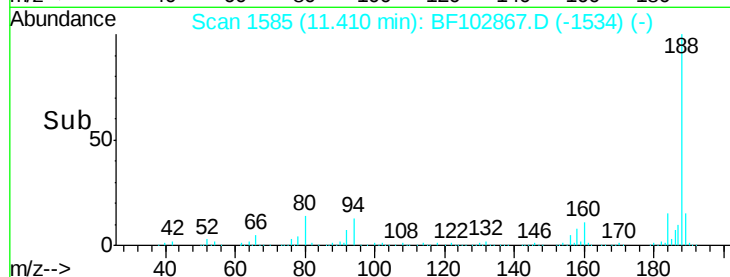
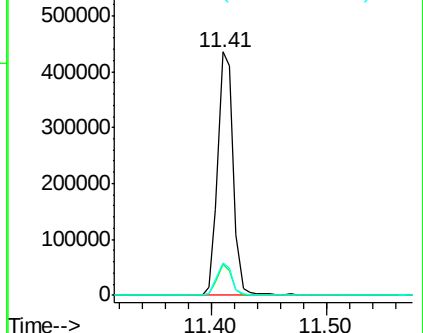
80 13.6 9.2 13.8



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



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.05 min Scan# 2034

Delta R.T. 0.00 min

Lab File: BF102867.D

Acq: 8 Feb 2018 20:16

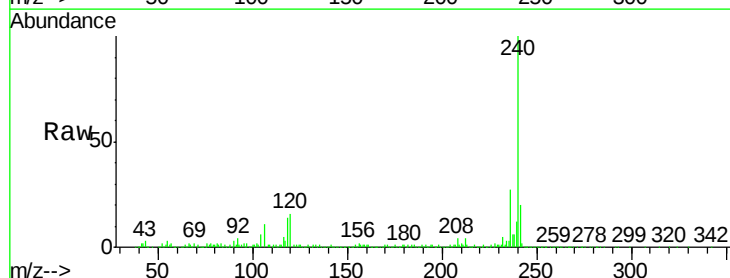
Tgt Ion:240 Resp: 344542

Ion Ratio Lower Upper

240 100

120 16.2 9.5 14.3#

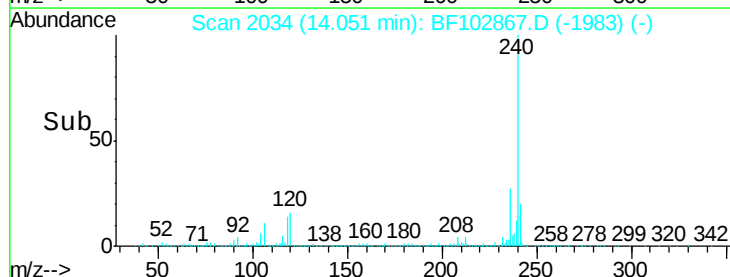
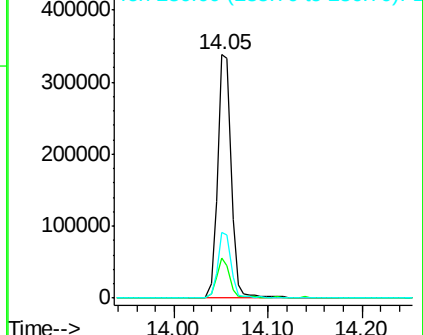
236 27.2 20.7 31.1

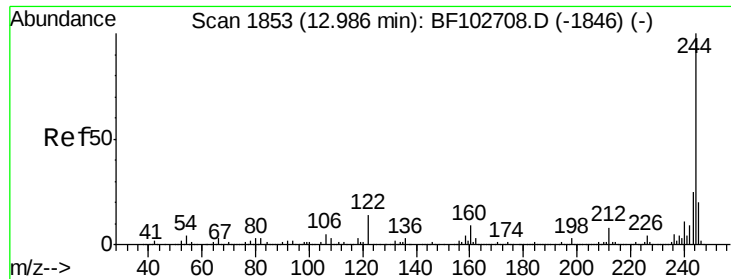


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 51.155 ng

RT: 13.00 min Scan# 1855

Delta R.T. 0.00 min

Lab File: BF102867.D

Acq: 8 Feb 2018 20:16

Instrument :

BNA_F

ClientSampleId :

3N-14

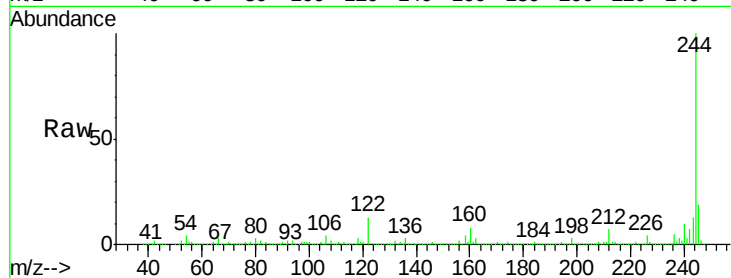
Tgt Ion:244 Resp: 744375

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

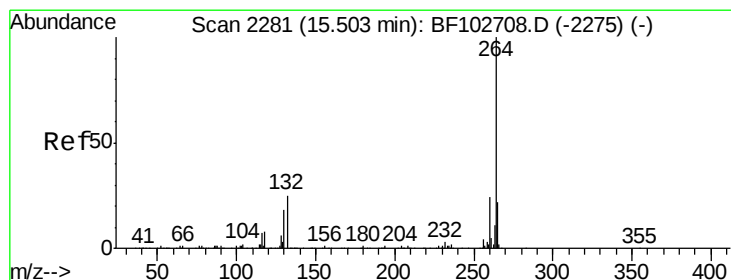
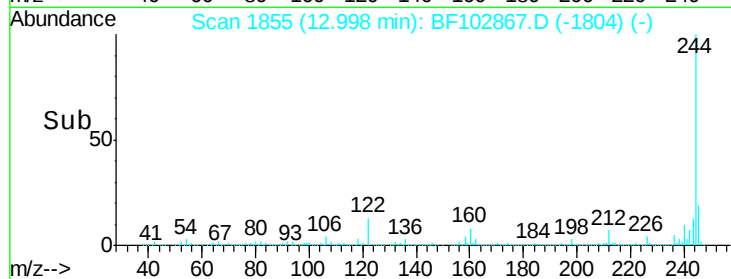
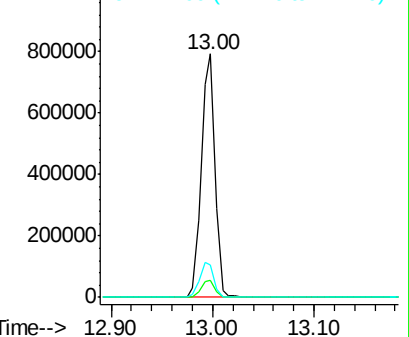
122 13.1 11.0 16.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.54 min Scan# 2288

Delta R.T. 0.02 min

Lab File: BF102867.D

Acq: 8 Feb 2018 20:16

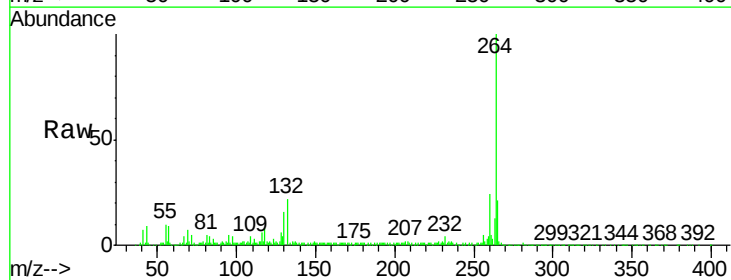
Tgt Ion:264 Resp: 271462

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 20.6 17.5 26.3



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

