

Data Path : Z:\HPCHEM1\BNA F\DATA\BF021318\
 Data File : BF102963.D
 Acq On : 13 Feb 2018 15:57
 Operator : SJ/JU
 Sample : J1397-07
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021218-D

Quant Time: Feb 14 01:22:02 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 00:38:27 2018
 Response via : Initial Calibration

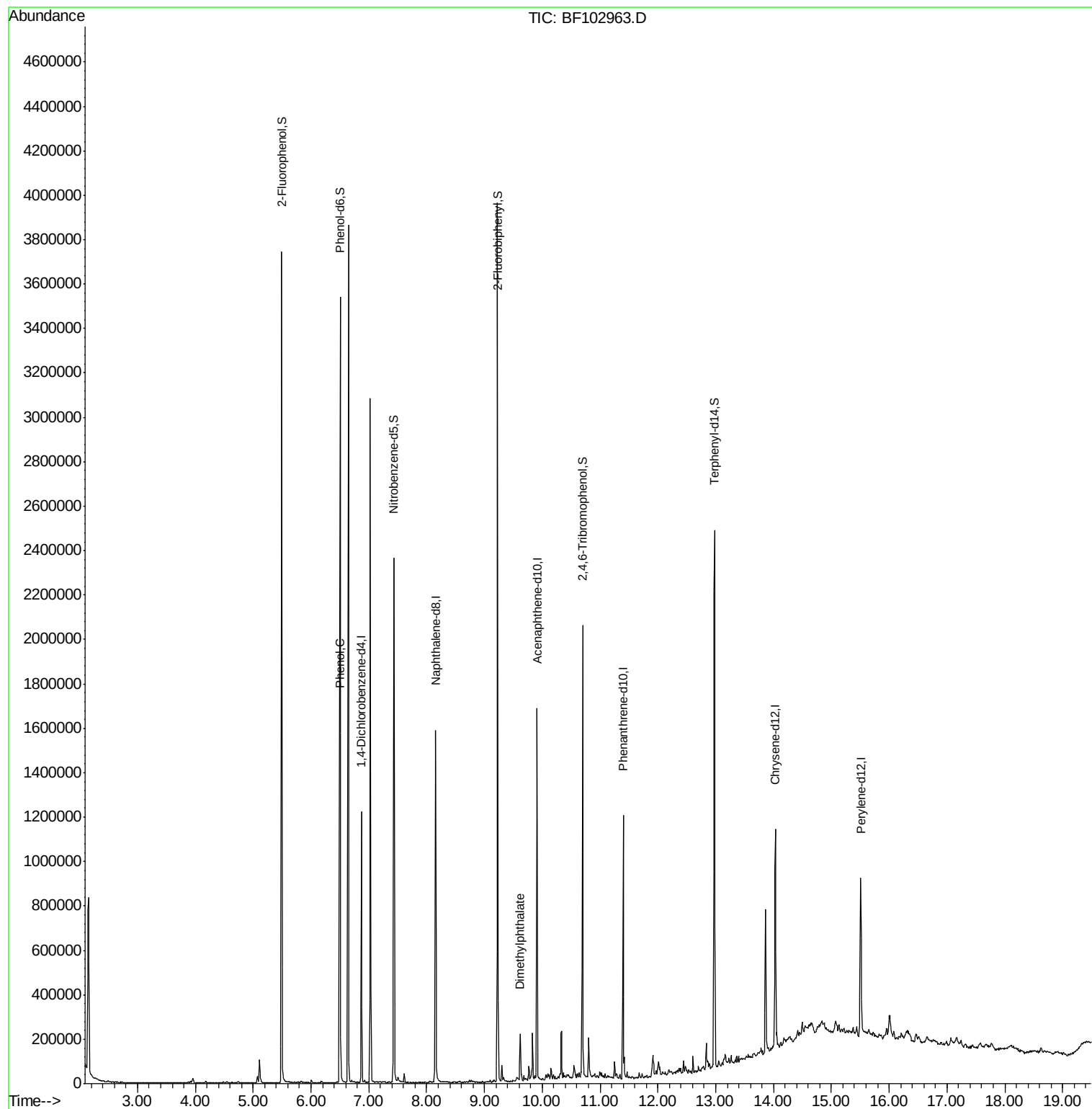
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	170359	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	712773	20.00	ng	0.00
38) Acenaphthene-d10	9.91	164	300331	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	419973	20.00	ng	0.00
75) Chrysene-d12	14.03	240	300727	20.00	ng	0.00
86) Perylene-d12	15.51	264	318858	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1112004	99.13	ng	0.00
7) Phenol-d6	6.50	99	1312790	97.19	ng	0.00
23) Nitrobenzene-d5	7.43	82	835498	81.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	211134	87.34	ng	0.00
44) 2-Fluorobiphenyl	9.23	172	1224954	67.68	ng	-0.01
78) Terphenyl-d14	12.98	244	763597	60.12	ng	0.00
Target Compounds						
10) Phenol	6.52	94	31940	2.207	ng	97
49) Dimethylphthalate	9.62	163	70955	3.030	ng	99

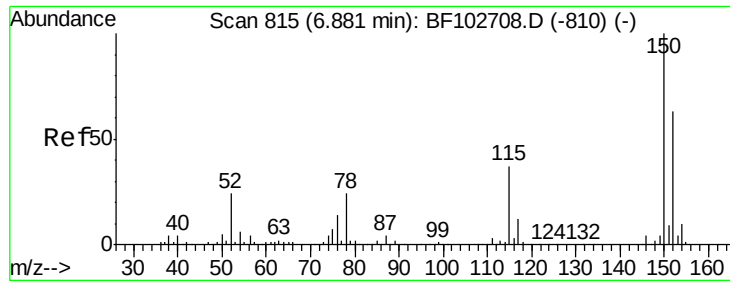
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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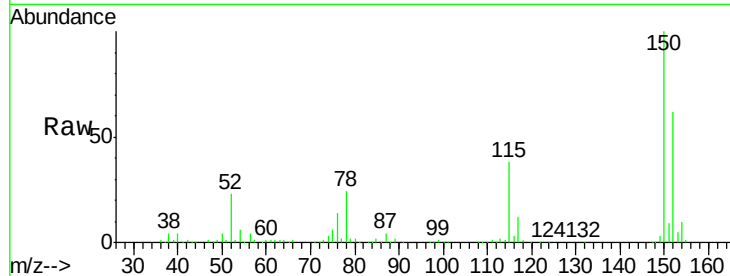


#1

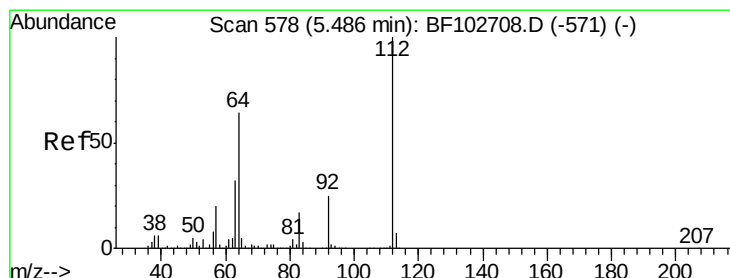
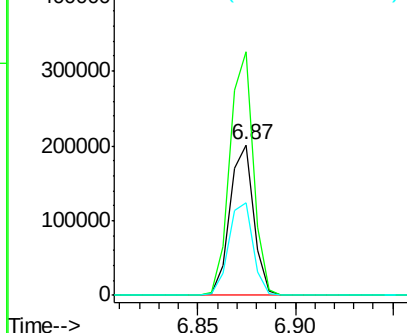
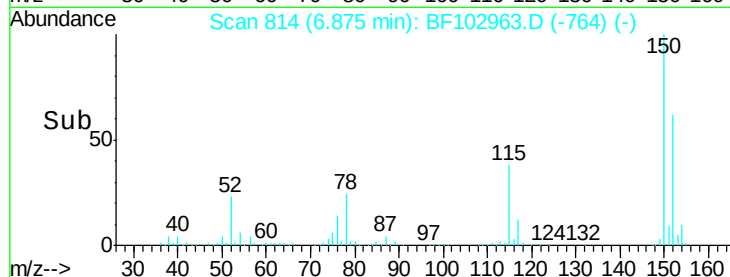
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.01 min
 Lab File: BF102963.D
 Acq: 13 Feb 2018 15:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021218-D

Tot Ion:152 Resp: 170359
 Ion Ratio Lower Upper
 152 100
 150 161.4 124.6 186.8
 115 61.5 50.1 75.1



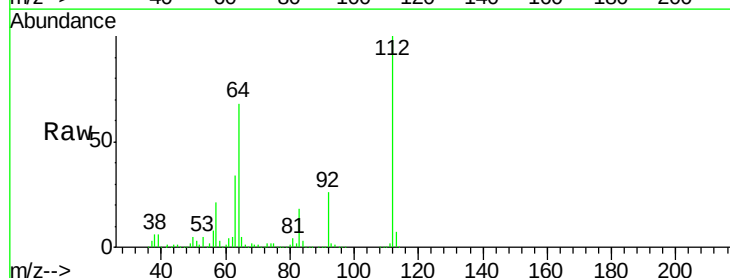
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



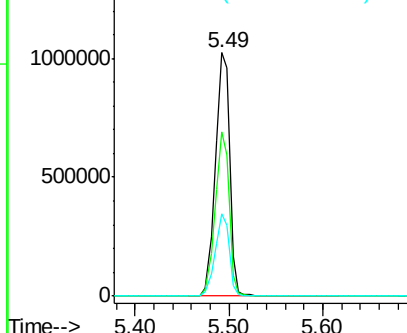
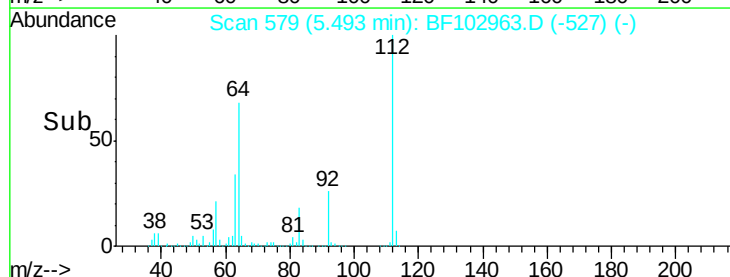
#5

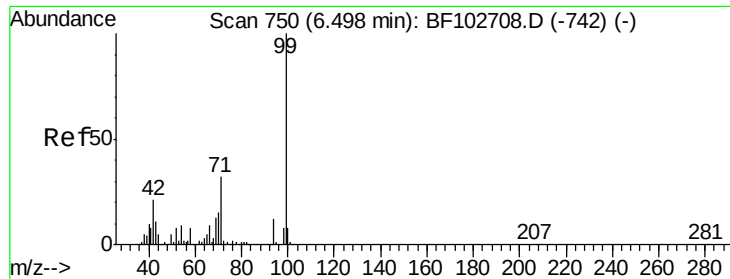
2-Fluorophenol
 Concen: 99.130 ng
 RT: 5.49 min Scan# 579
 Delta R.T. 0.01 min
 Lab File: BF102963.D
 Acq: 13 Feb 2018 15:57

Tgt Ion:112 Resp: 1112004
 Ion Ratio Lower Upper
 112 100
 64 67.6 47.9 71.9
 63 33.7 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: 97.194 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.01 min

Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

Instrument :

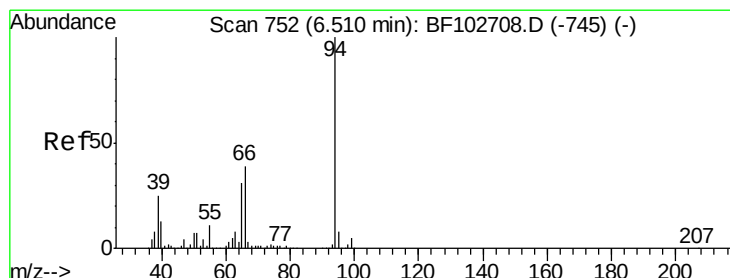
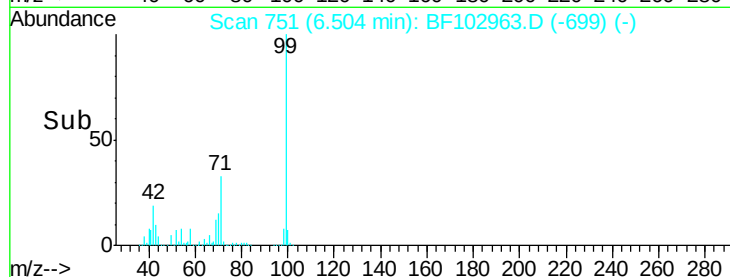
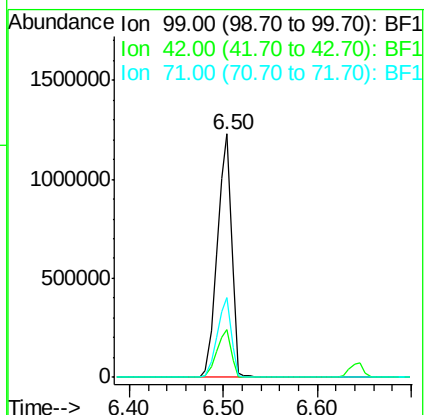
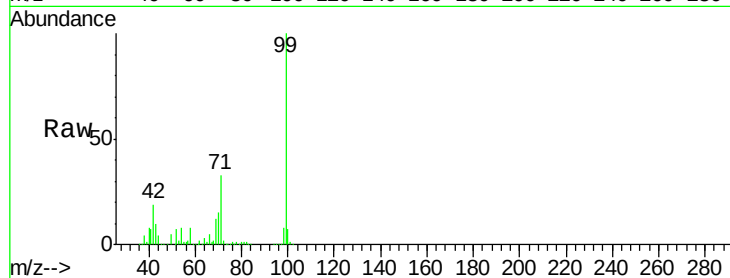
BNA_F

ClientSampleId :

CL-01-021218-D

Tot Ion: 99 Resp: 1312790

Ion	Ratio	Lower	Upper
99	100		
42	19.5	14.5	21.7
71	32.6	25.4	38.0



#10

Phenol

Concen: 2.207 ng

RT: 6.52 min Scan# 753

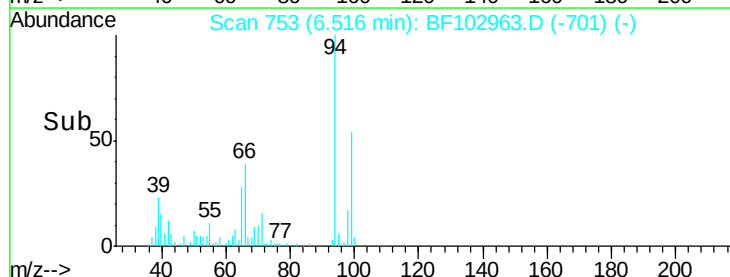
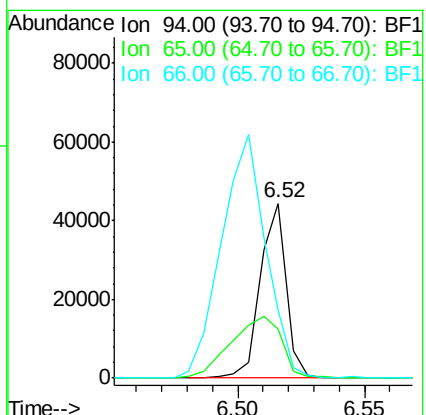
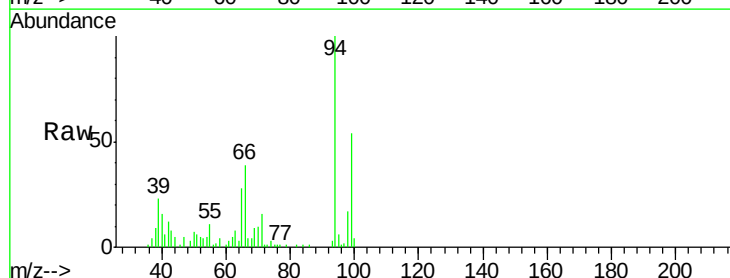
Delta R.T. 0.01 min

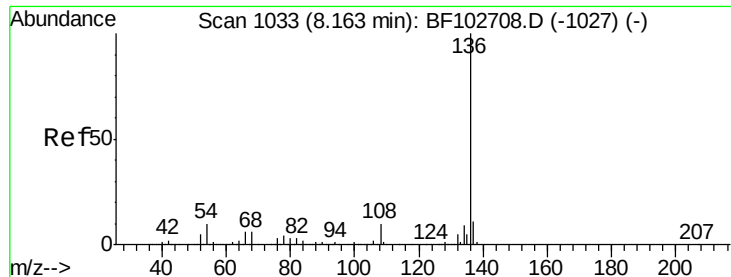
Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

Tgt Ion: 94 Resp: 31940

Ion	Ratio	Lower	Upper
94	100		
65	28.1	7.9	47.9
66	39.2	16.2	56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.01 min

Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

CL-01-021218-D

Tot Ion:136 Resp: 712773

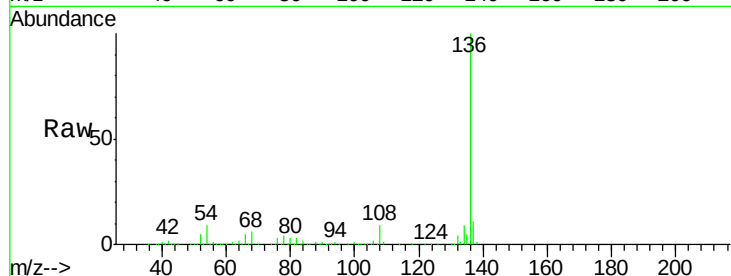
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 9.2 6.6 9.8

68 6.4 5.0 7.4

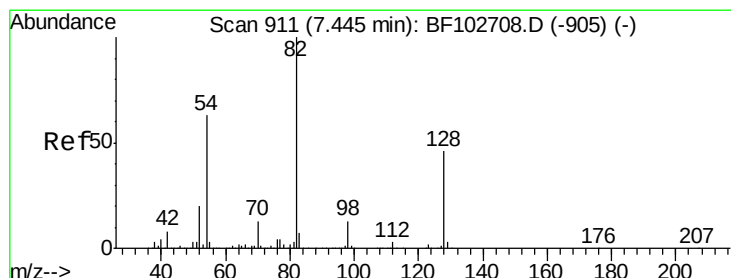
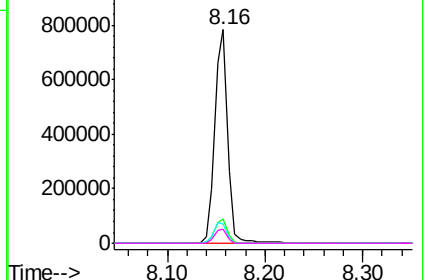
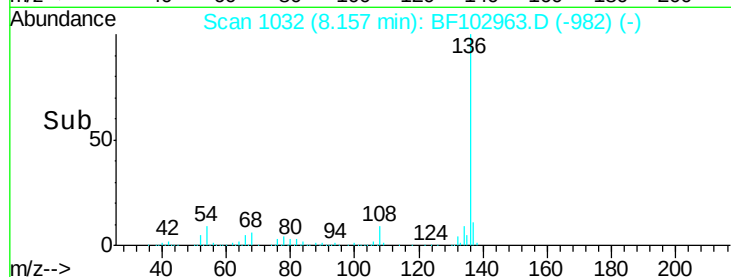


Abundance Ion 136.00 (135.70 to 136.70): E

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: 81.315 ng

RT: 7.43 min Scan# 909

Delta R.T. -0.01 min

Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

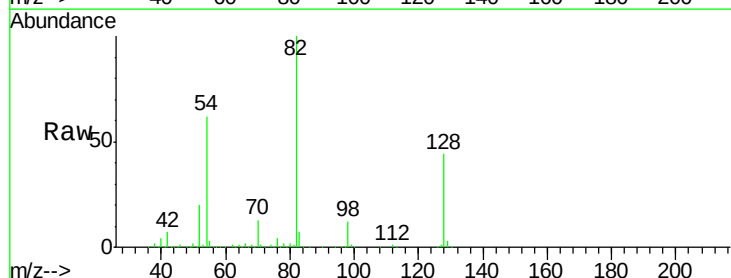
Tgt Ion: 82 Resp: 835498

Ion Ratio Lower Upper

82 100

128 44.1 36.1 54.1

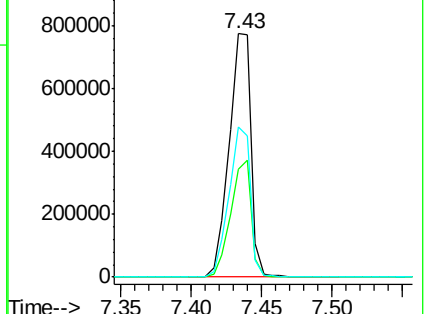
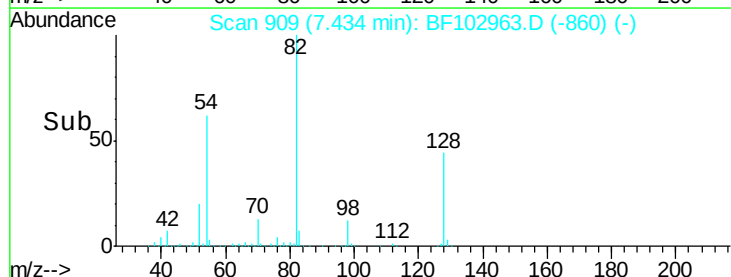
54 61.7 41.4 62.2

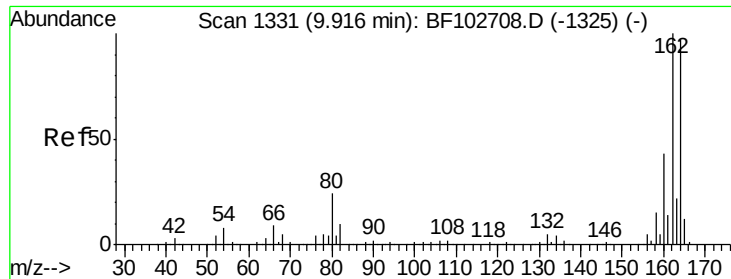


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: 9.91 min Scan# 1330

Delta R.T. -0.01 min

Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

CL-01-021218-D

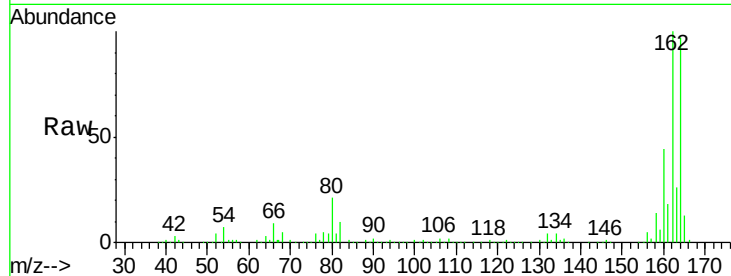
Tot Ion:164 Resp: 300331

Ion Ratio Lower Upper

164 100

162 103.3 86.1 129.1

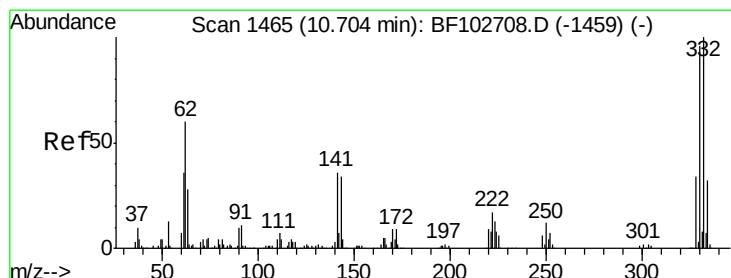
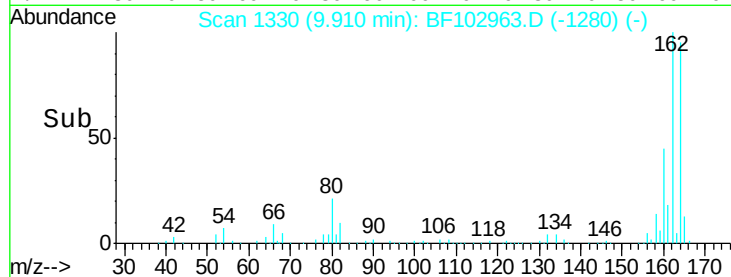
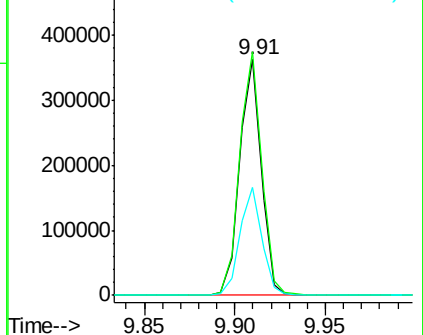
160 45.9 38.3 57.5



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



#41

2,4,6-Tribromophenol

Concen: 87.342 ng

RT: 10.70 min Scan# 1464

Delta R.T. -0.01 min

Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

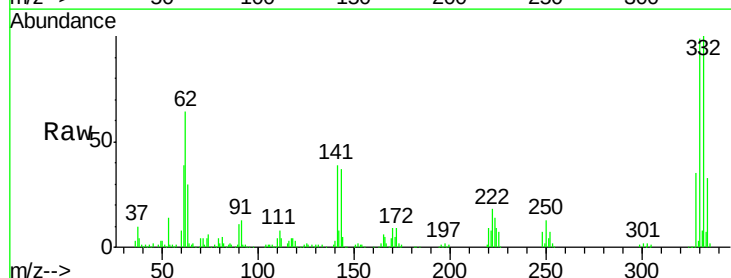
Tgt Ion:330 Resp: 211134

Ion Ratio Lower Upper

330 100

332 102.5 77.0 115.6

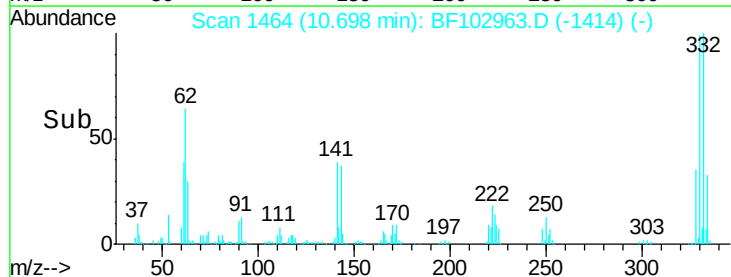
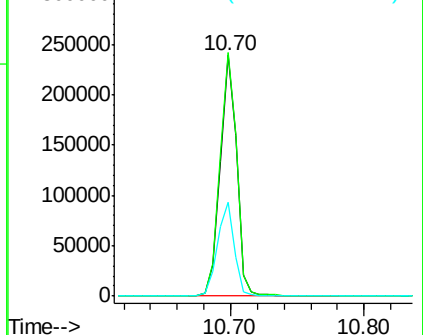
141 39.9 29.9 44.9

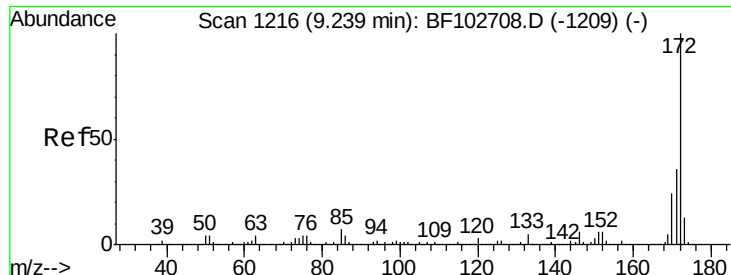


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



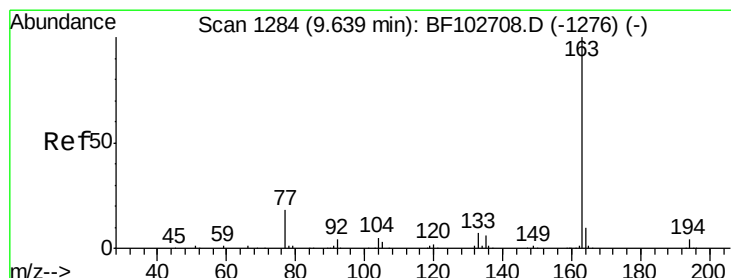
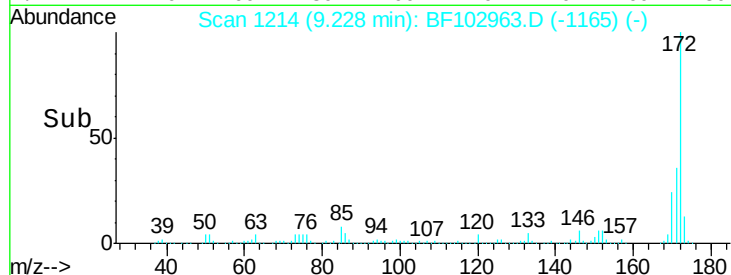
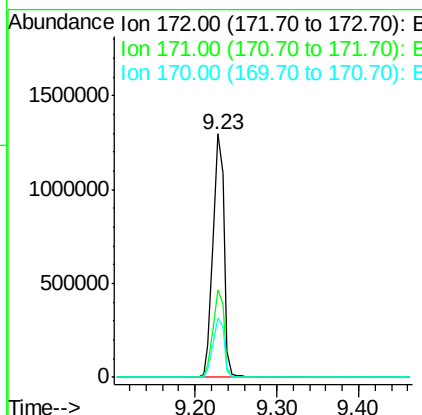
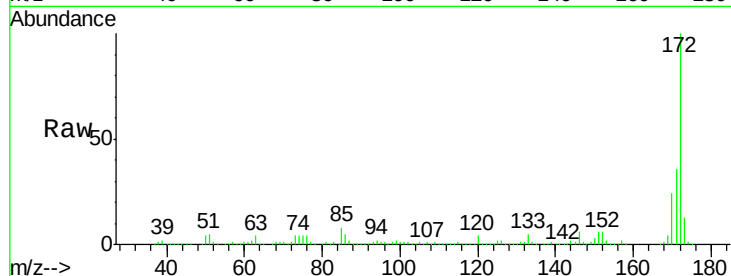


#44
 2-Fluorobiphenyl
 Concen: 67.680 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BF102963.D
 Acq: 13 Feb 2018 15:57

Instrument :
 BNA_F
 ClientSampleId :
 CL-01-021218-D

Tot Ion:172 Resp: 1224954

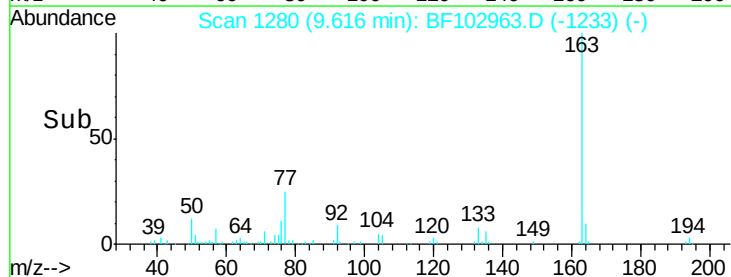
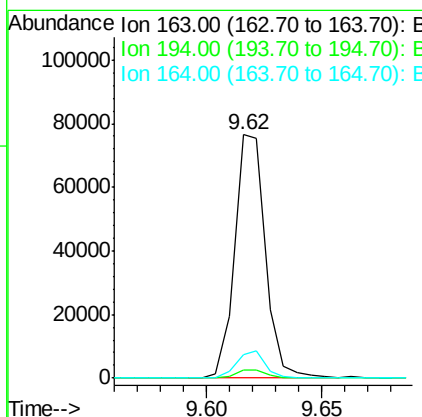
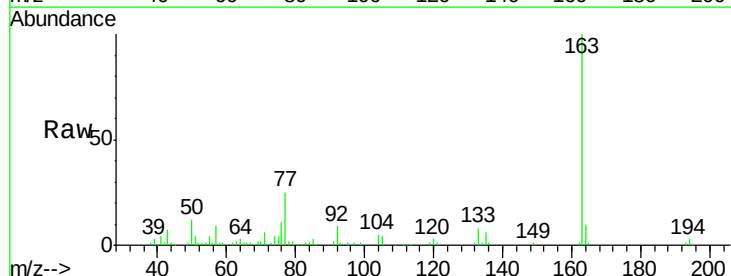
Ion	Ratio	Lower	Upper
172	100		
171	35.9	29.7	44.5
170	24.3	19.6	29.4

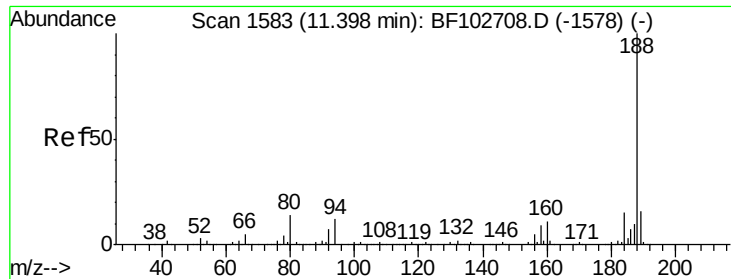


#49
 Dimethylphthalate
 Concen: 3.030 ng
 RT: 9.62 min Scan# 1280
 Delta R.T. -0.02 min
 Lab File: BF102963.D
 Acq: 13 Feb 2018 15:57

Tgt Ion:163 Resp: 70955

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	8.2	12.2

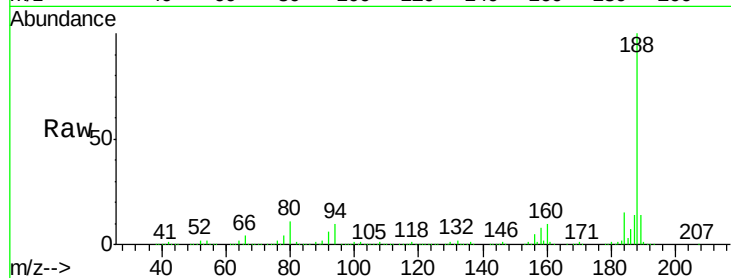




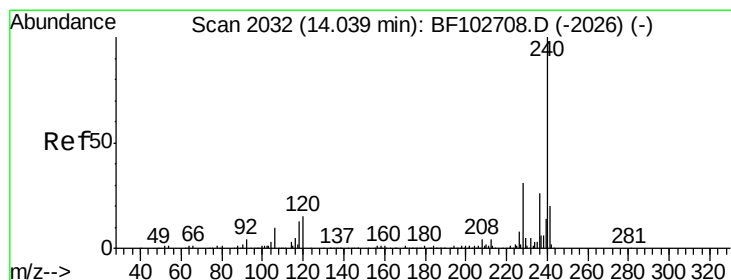
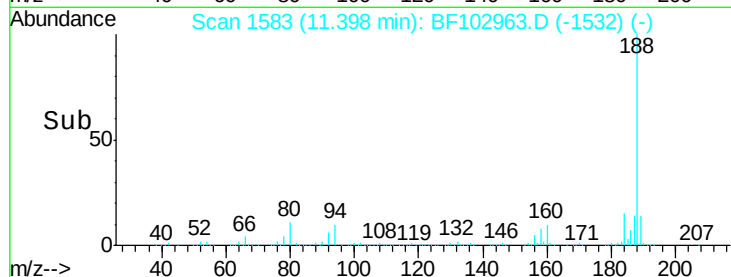
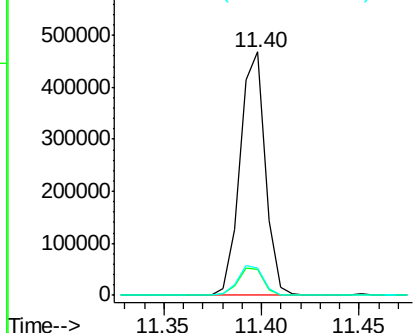
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. 0.00 min
Lab File: BF102963.D
Acq: 13 Feb 2018 15:57

Instrument :
BNA_F
ClientSampleId :
CL-01-021218-D

Tot Ion:188 Resp: 419973
Ion Ratio Lower Upper
188 100
94 10.5 8.5 12.7
80 11.2 9.2 13.8

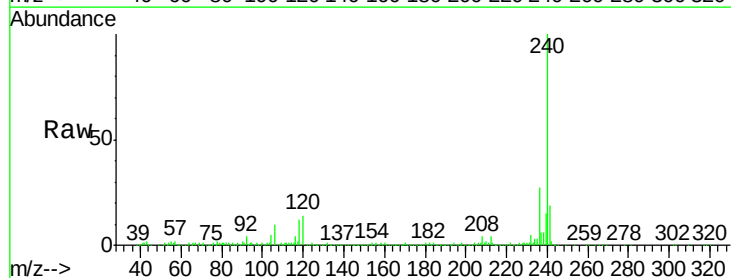


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1

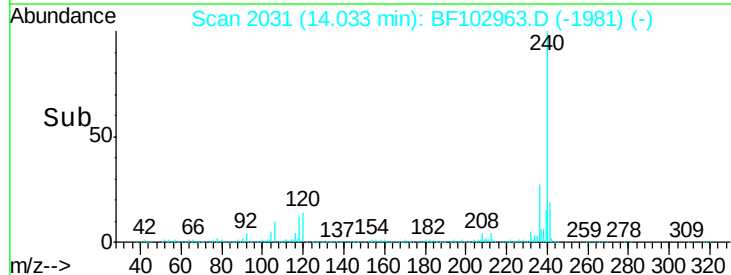
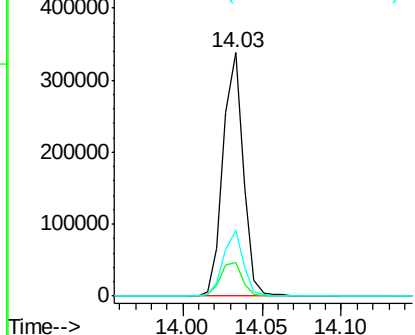


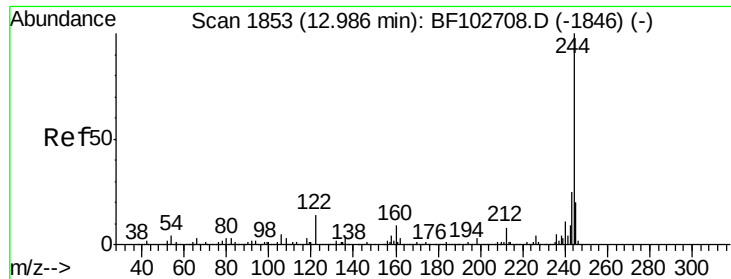
#75
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BF102963.D
Acq: 13 Feb 2018 15:57

Tgt Ion:240 Resp: 300727
Ion Ratio Lower Upper
240 100
120 14.0 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: 60.122 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

Instrument :

BNA_F

ClientSampleId :

CL-01-021218-D

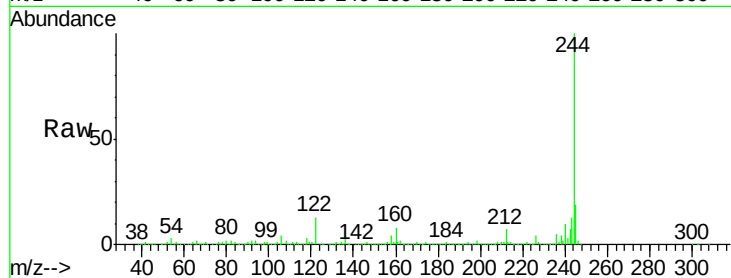
Tot Ion:244 Resp: 763597

Ion Ratio Lower Upper

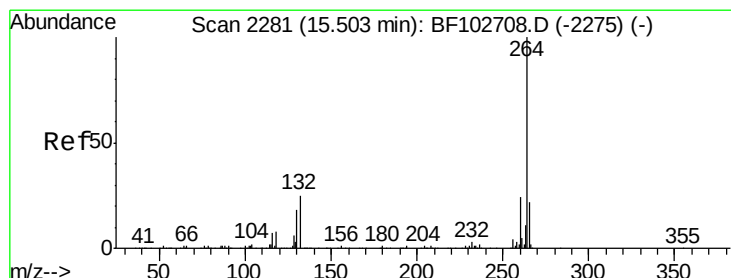
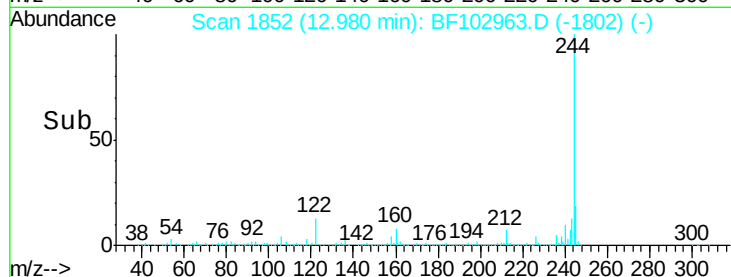
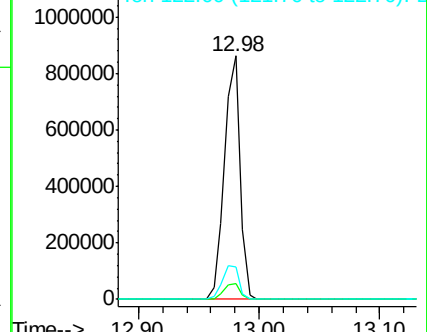
244 100

212 6.6 5.4 8.0

122 13.5 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: 15.51 min Scan# 2282

Delta R.T. 0.01 min

Lab File: BF102963.D

Acq: 13 Feb 2018 15:57

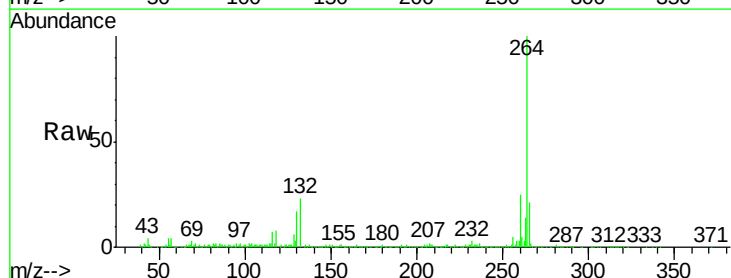
Tgt Ion:264 Resp: 318858

Ion Ratio Lower Upper

264 100

260 24.9 19.2 28.8

265 20.9 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

