

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020618\
 Data File : BF102794.D
 Acq On : 6 Feb 2018 19:50
 Operator : SJ/JU
 Sample : J1459-01
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-A

Quant Time: Feb 07 00:54:33 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

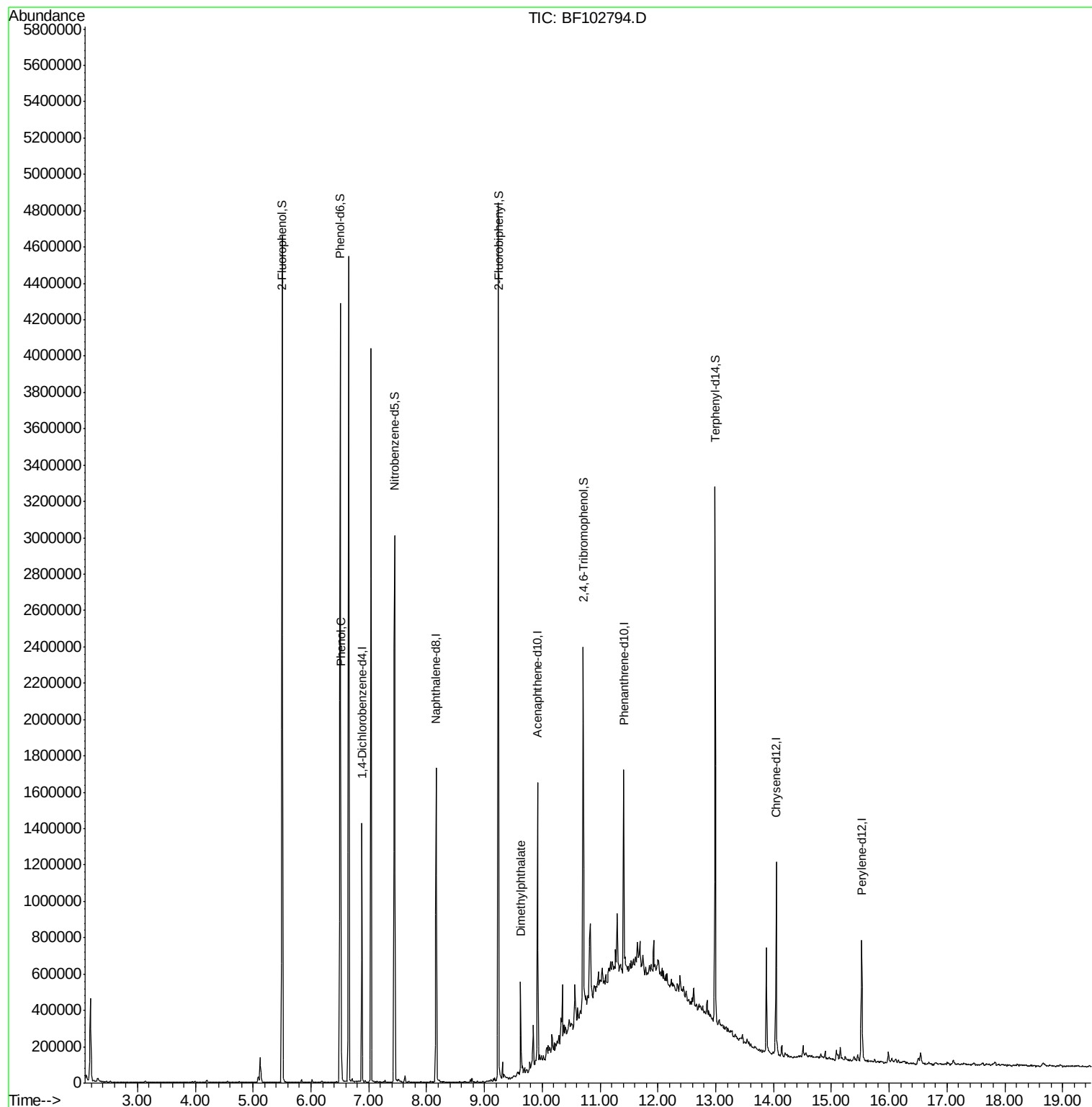
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	187318	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	741516	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	299212	20.00	ng	0.00
63) Phenanthrene-d10	11.41	188	385936	20.00	ng	0.00
75) Chrysene-d12	14.04	240	335788	20.00	ng	0.00
86) Perylene-d12	15.53	264	309581	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1342646	108.85	ng	0.01
7) Phenol-d6	6.51	99	1578067	106.26	ng	0.00
23) Nitrobenzene-d5	7.45	82	959202	89.74	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	229344	95.23	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1532746	85.00	ng	0.00
78) Terphenyl-d14	12.99	244	966343	68.14	ng	0.00
Target Compounds						
10) Phenol	6.52	94	42308	2.658	ng	99
49) Dimethylphthalate	9.63	163	177243	7.597	ng	99

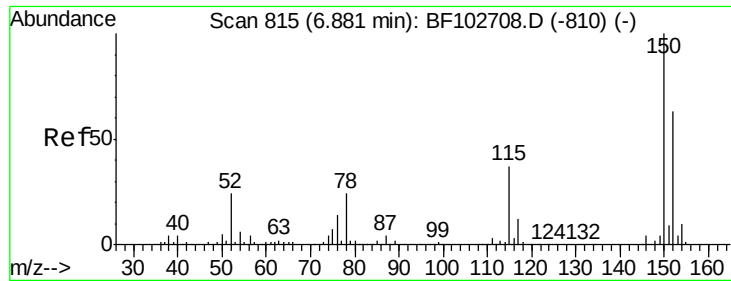
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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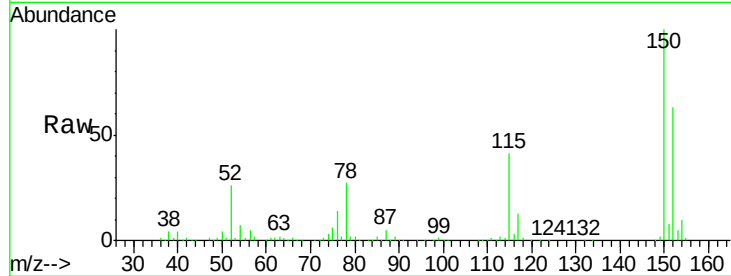


#1

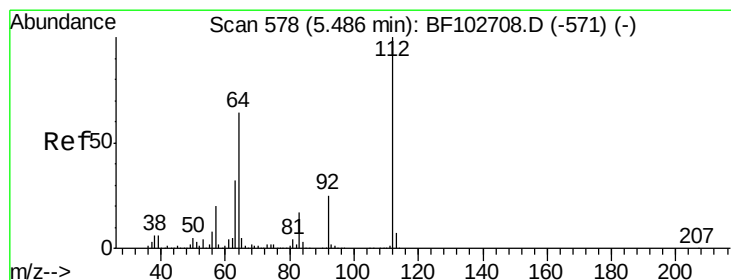
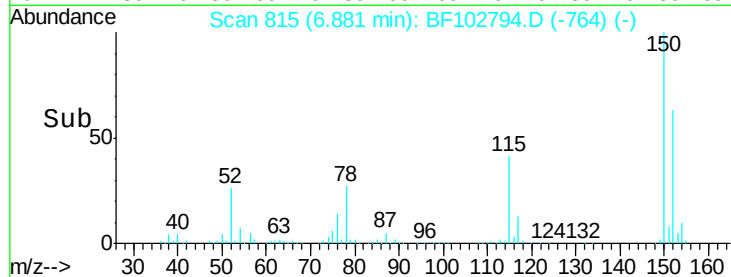
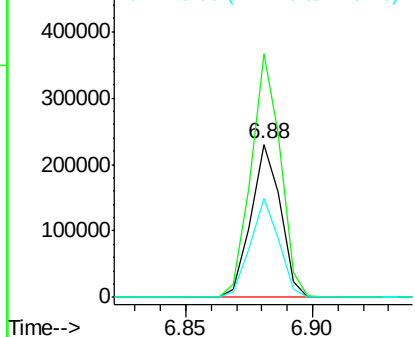
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. -0.00 min
Lab File: BF102794.D
Acq: 6 Feb 2018 19:50

Instrument :
BNA_F
ClientSampleId :
TP-A

Tot Ion:152 Resp: 187318
Ion Ratio Lower Upper
152 100
150 159.3 124.6 186.8
115 64.9 50.1 75.1



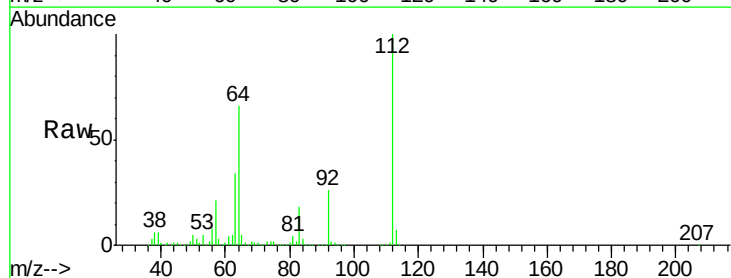
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



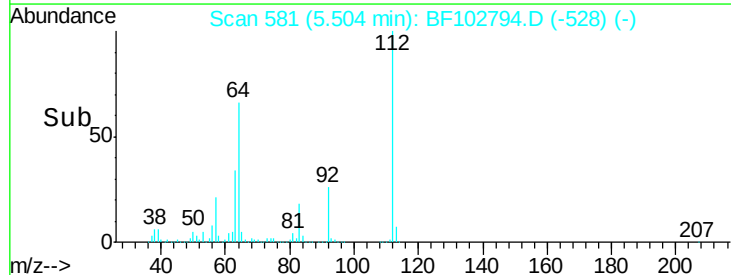
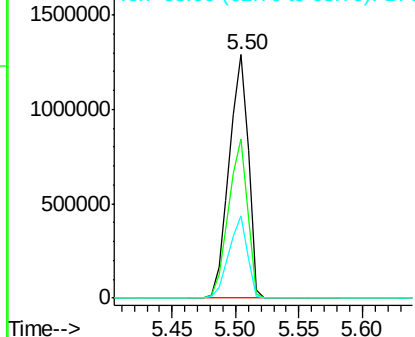
#5

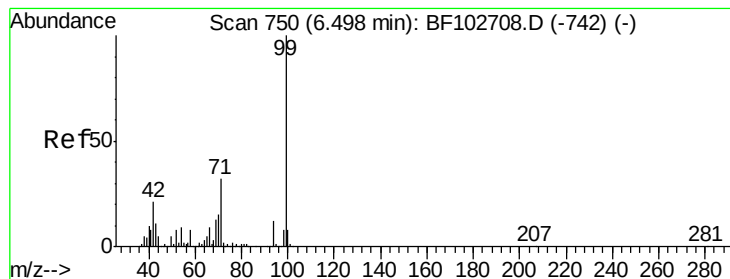
2-Fluorophenol
Concen: 108.854 ng
RT: 5.50 min Scan# 581
Delta R.T. 0.01 min
Lab File: BF102794.D
Acq: 6 Feb 2018 19:50

Tgt Ion:112 Resp: 1342646
Ion Ratio Lower Upper
112 100
64 65.6 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: 106.257 ng

RT: 6.51 min Scan# 752

Delta R.T. 0.01 min

Lab File: BF102794.D

Acq: 6 Feb 2018 19:50

Instrument :

BNA_F

ClientSampleId :

TP-A

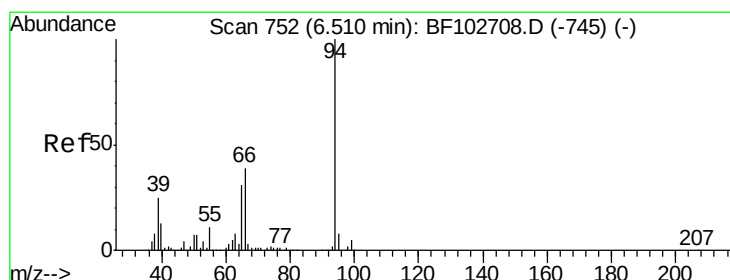
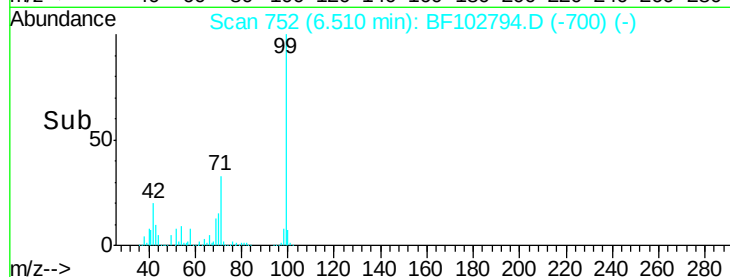
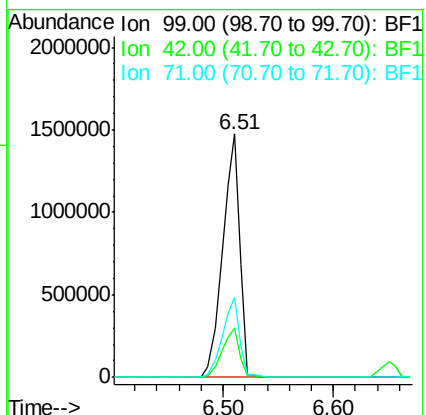
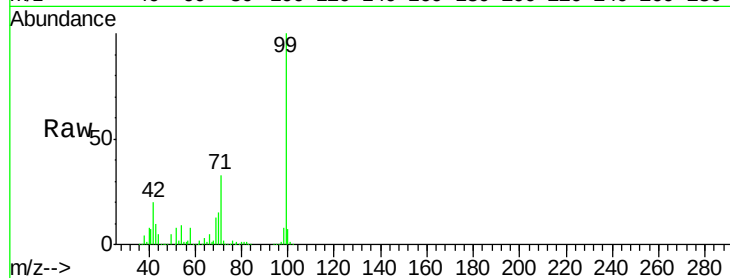
Tot Ion: 99 Resp: 1578067

Ion	Ratio	Lower	Upper
99	100		
42	19.9	14.5	21.7
71	33.0	25.4	38.0

99 100

42 19.9 14.5 21.7

71 33.0 25.4 38.0



#10

Phenol

Concen: 2.658 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

Lab File: BF102794.D

Acq: 6 Feb 2018 19:50

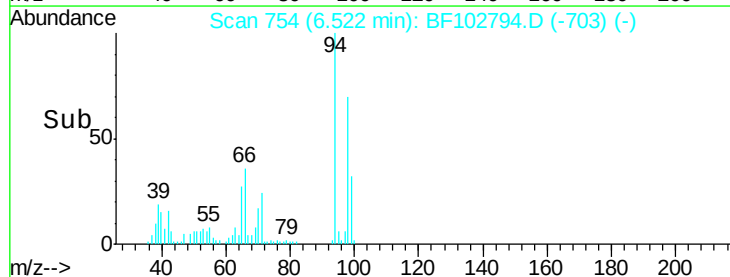
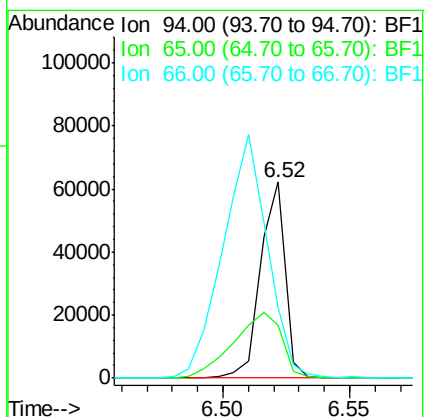
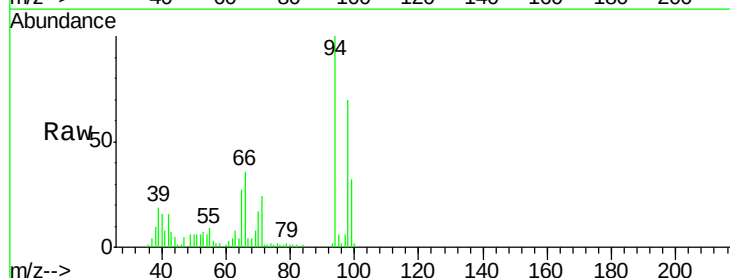
Tgt Ion: 94 Resp: 42308

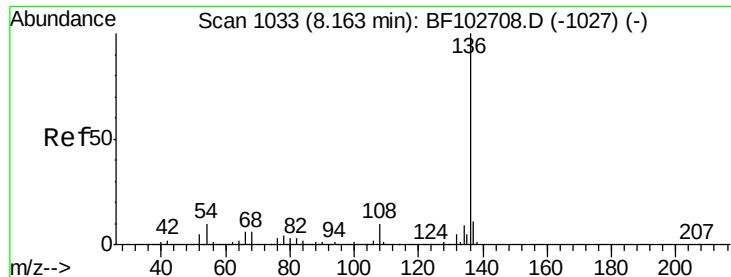
Ion	Ratio	Lower	Upper
94	100		
65	27.2	7.9	47.9
66	36.2	16.2	56.2

94 100

65 27.2 7.9 47.9

66 36.2 16.2 56.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1033

Delta R.T. -0.01 min

Lab File: BF102794.D

Acq: 6 Feb 2018 19:50

Instrument :

BNA_F

ClientSampleId :

TP-A

Tot Ion:136 Resp: 741516

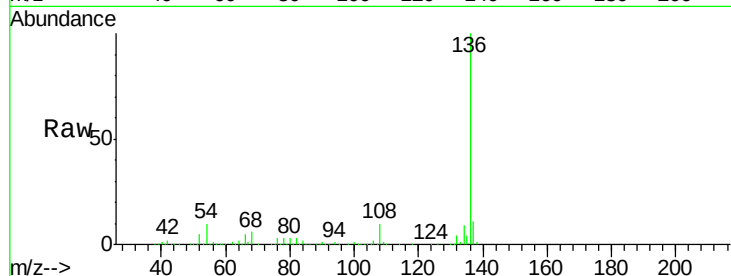
Ion Ratio Lower Upper

136 100

137 11.1 8.9 13.3

54 9.9 6.6 9.8#

68 6.1 5.0 7.4

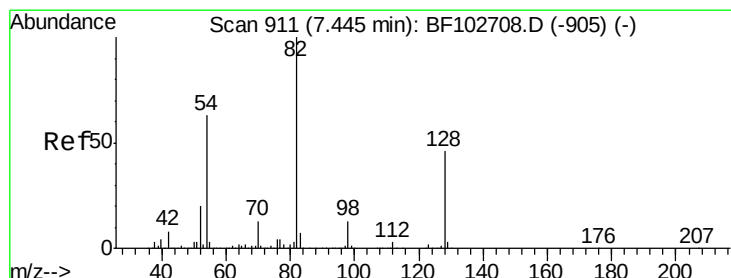
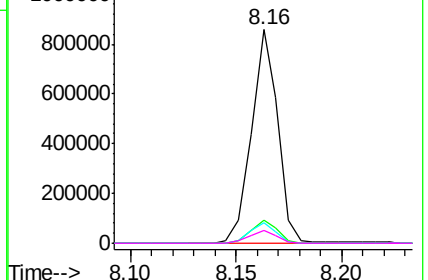
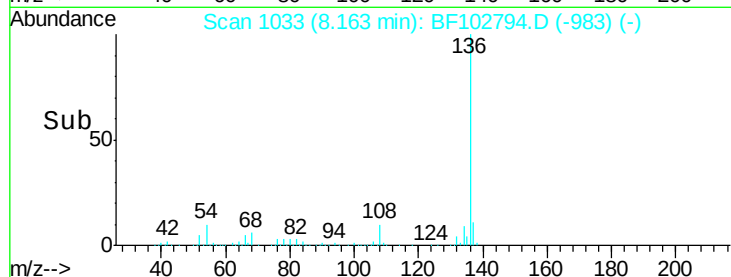


Abundance Ion 136.00 (135.70 to 136.70): E

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: 89.736 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102794.D

Acq: 6 Feb 2018 19:50

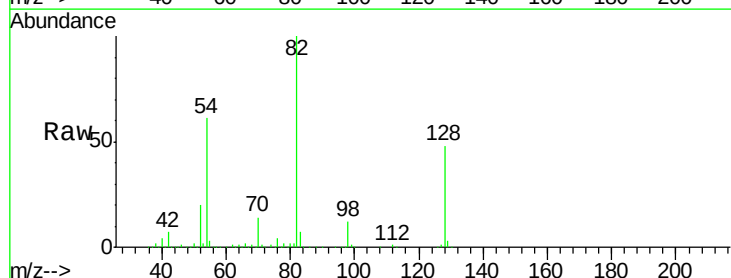
Tgt Ion: 82 Resp: 959202

Ion Ratio Lower Upper

82 100

128 47.9 36.1 54.1

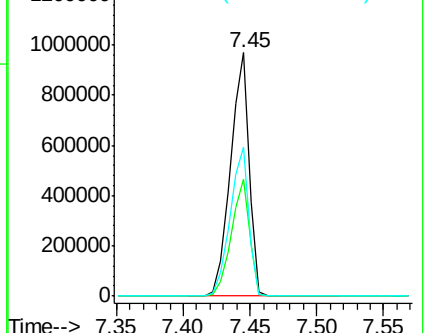
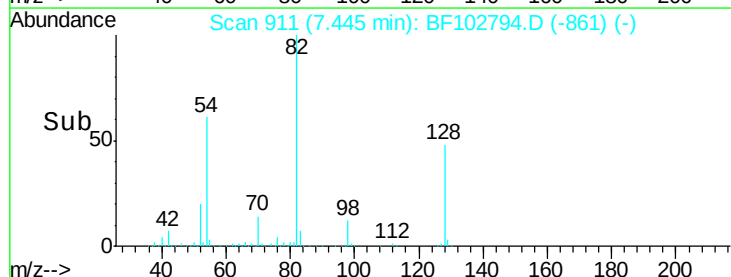
54 61.4 41.4 62.2

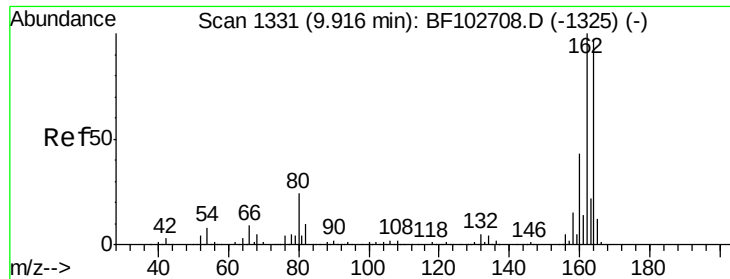


Abundance Ion 82.00 (81.70 to 82.70): BF1

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: BF102794.D

Acq: 6 Feb 2018 19:50

Instrument :

BNA_F

ClientSampleId :

TP-A

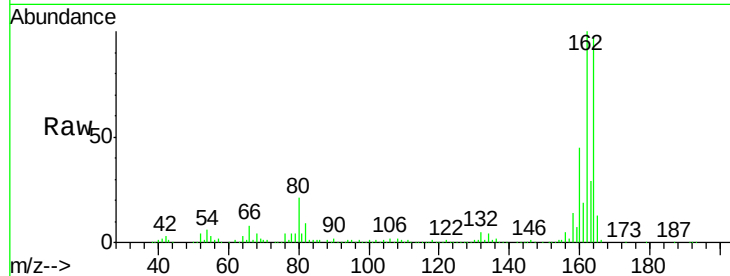
Tot Ion:164 Resp: 299212

Ion Ratio Lower Upper

164 100

162 103.6 86.1 129.1

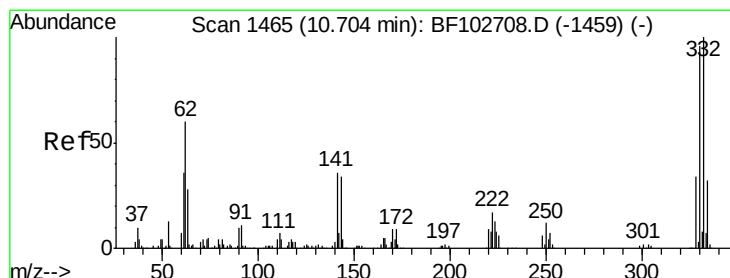
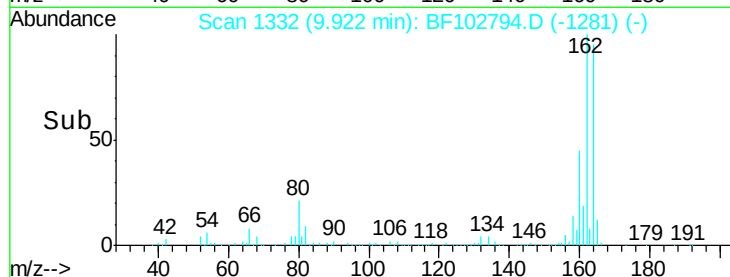
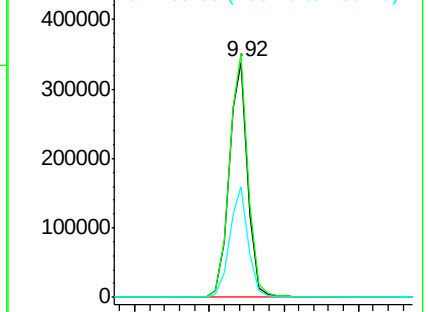
160 46.9 38.3 57.5



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: 95.230 ng

RT: 10.71 min Scan# 1466

Delta R.T. -0.00 min

Lab File: BF102794.D

Acq: 6 Feb 2018 19:50

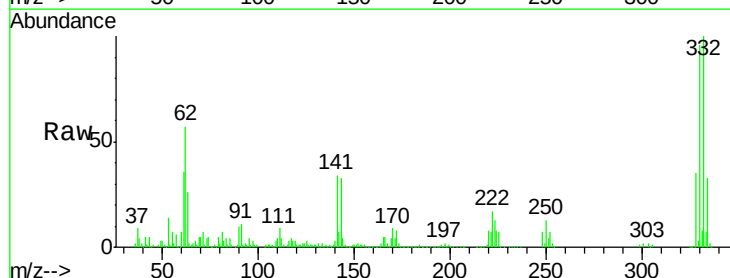
Tgt Ion:330 Resp: 229344

Ion Ratio Lower Upper

330 100

332 103.8 77.0 115.6

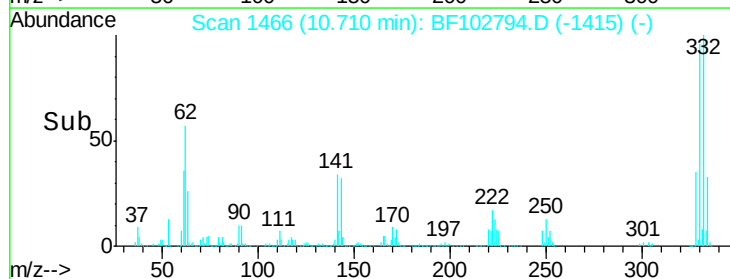
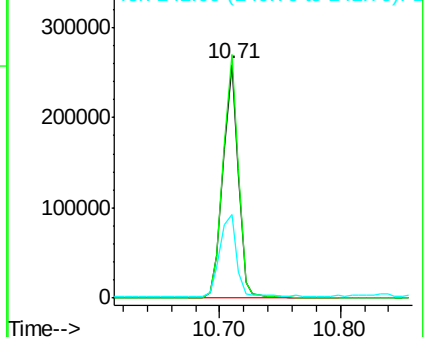
141 38.7 29.9 44.9

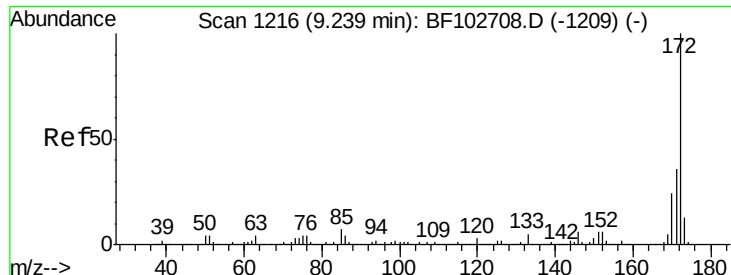


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

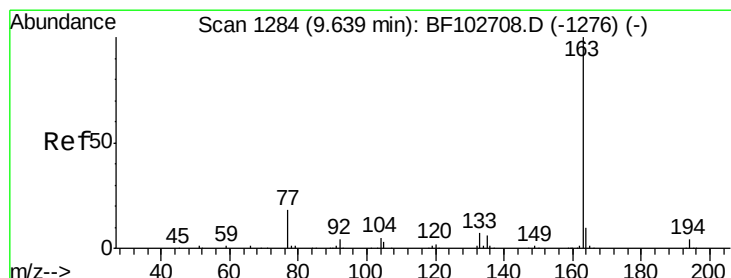
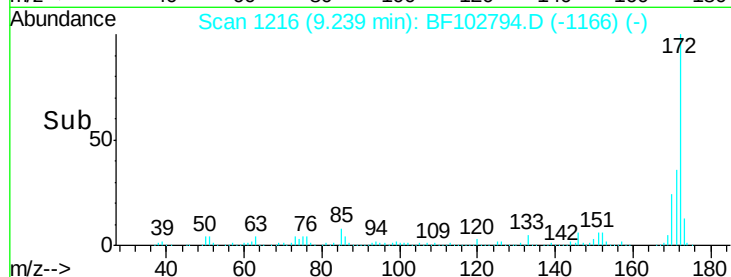
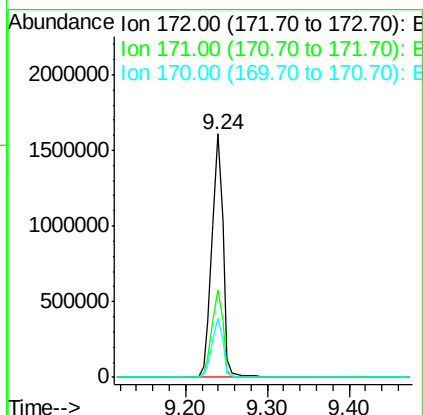
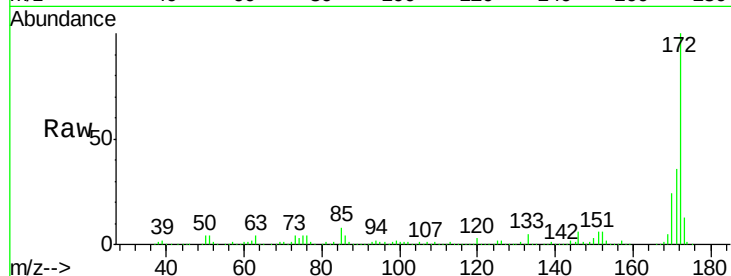




#44
2-Fluorobiphenyl
Concen: 85.002 ng
RT: 9.24 min Scan# 1216
Delta R.T. -0.01 min
Lab File: BF102794.D
Acq: 6 Feb 2018 19:50

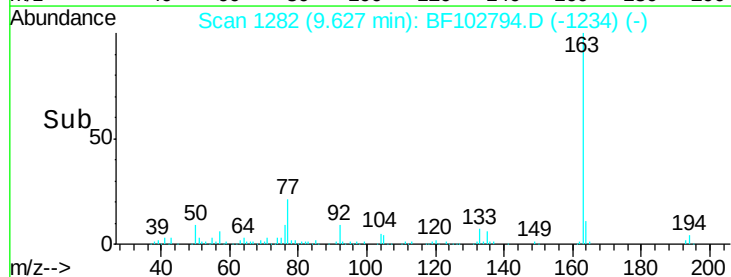
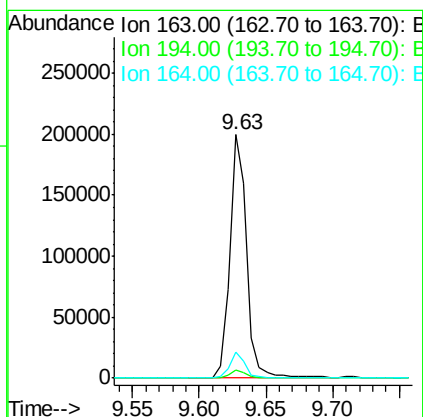
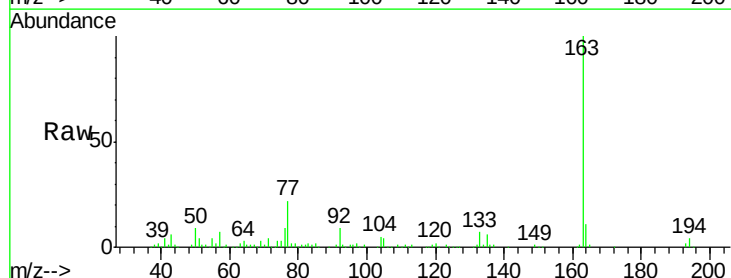
Instrument :
BNA_F
ClientSampleId :
TP-A

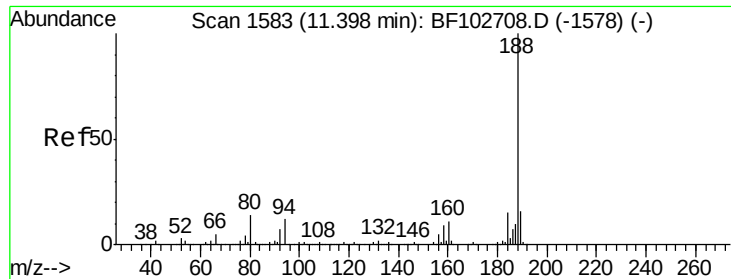
Tot Ion:172 Resp: 1532746
Ion Ratio Lower Upper
172 100
171 35.9 29.7 44.5
170 24.4 19.6 29.4



#49
Dimethylphthalate
Concen: 7.597 ng
RT: 9.63 min Scan# 1282
Delta R.T. -0.02 min
Lab File: BF102794.D
Acq: 6 Feb 2018 19:50

Tgt Ion:163 Resp: 177243
Ion Ratio Lower Upper
163 100
194 3.5 2.7 4.1
164 10.5 8.2 12.2





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.41 min Scan# 1585

Delta R.T. -0.00 min

Lab File: BF102794.D

Acq: 6 Feb 2018 19:50

Instrument :

BNA_F

ClientSampleId :

TP-A

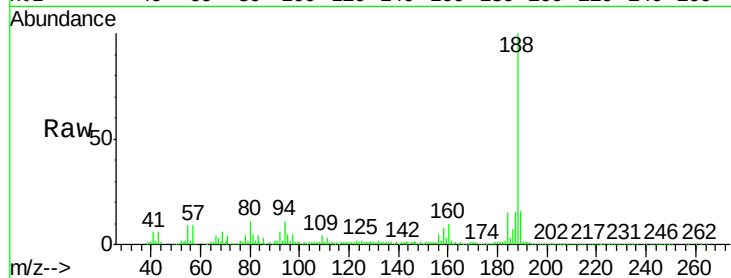
Tot Ion:188 Resp: 385936

Ion Ratio Lower Upper

188 100

94 10.8 8.5 12.7

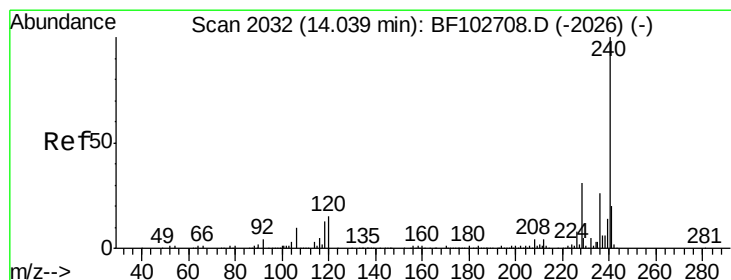
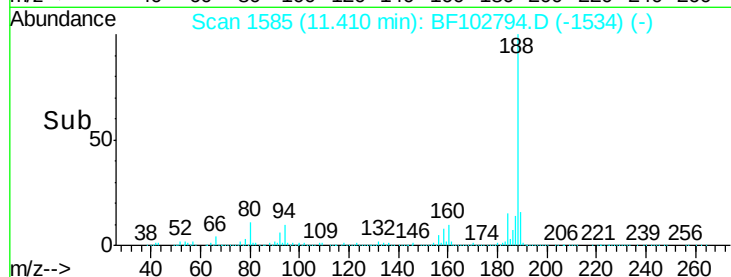
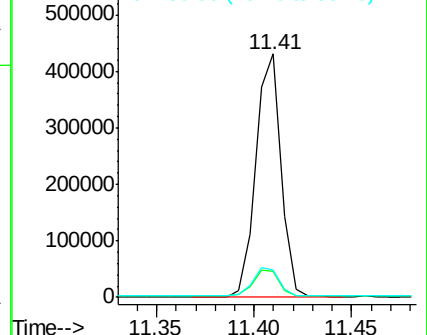
80 11.2 9.2 13.8



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: 14.04 min Scan# 2033

Delta R.T. -0.01 min

Lab File: BF102794.D

Acq: 6 Feb 2018 19:50

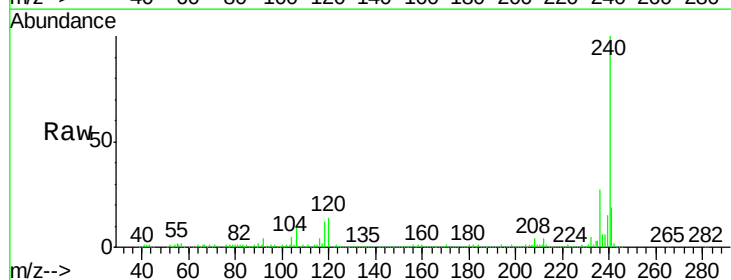
Tgt Ion:240 Resp: 335788

Ion Ratio Lower Upper

240 100

120 13.9 9.5 14.3

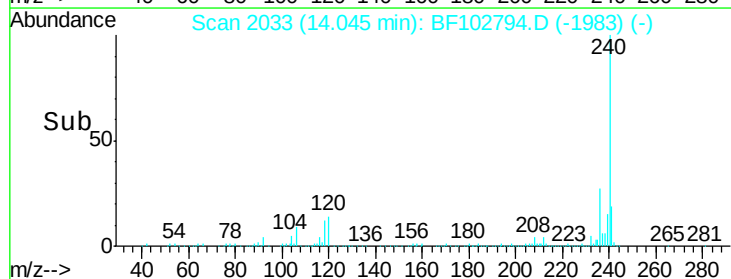
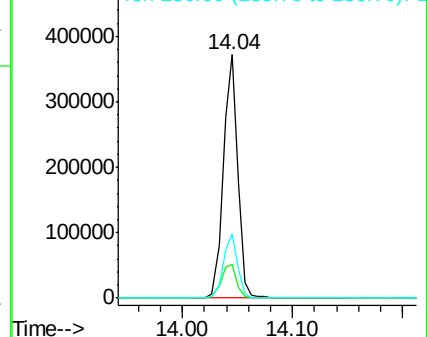
236 26.7 20.7 31.1

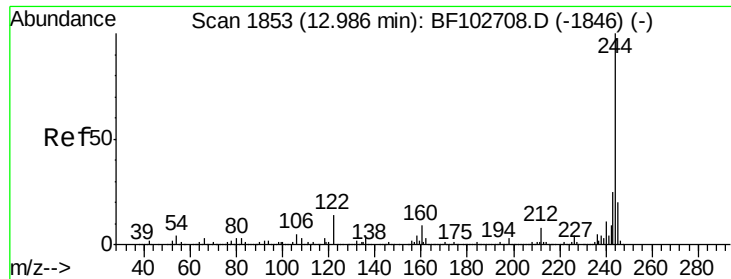


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 68.141 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102794.D

Acq: 6 Feb 2018 19:50

Instrument :

BNA_F

ClientSampled :

TP-A

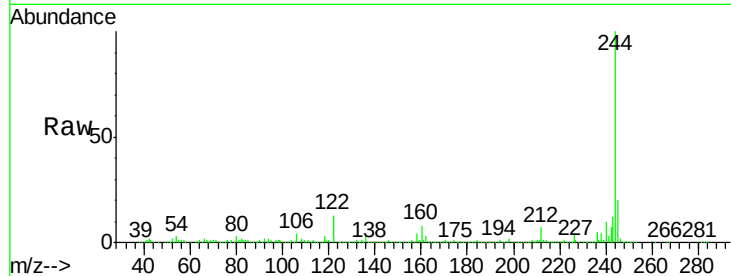
Tot Ion:244 Resp: 966343

Ion Ratio Lower Upper

244 100

212 6.9 5.4 8.0

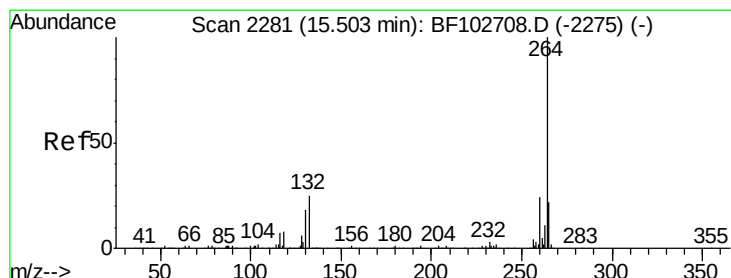
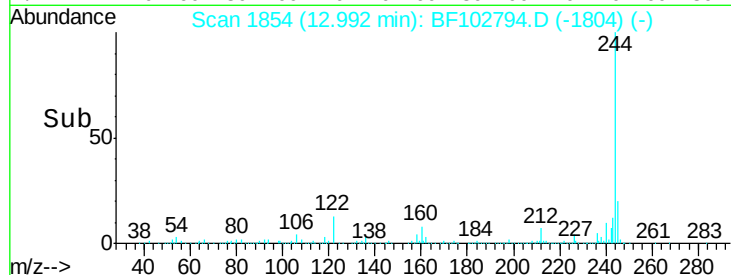
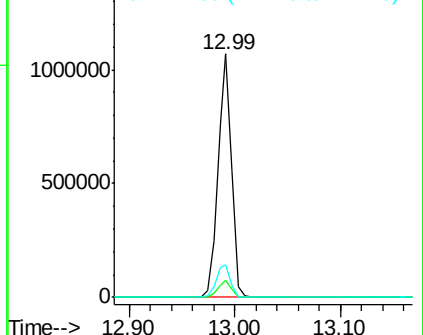
122 13.4 11.0 16.4



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: 15.53 min Scan# 2285

Delta R.T. -0.00 min

Lab File: BF102794.D

Acq: 6 Feb 2018 19:50

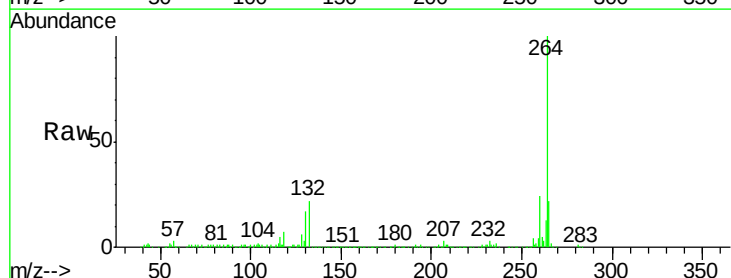
Tgt Ion:264 Resp: 309581

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.9 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

