

Data Path : U:\HPCHEM1\BNA F\DATA\BF020518\
 Data File : BF102747.D
 Acq On : 5 Feb 2018 19:27
 Operator : SJ/JU
 Sample : J1456-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SA-ST-LATERAL-LINE-2-NW@4

Quant Time: Feb 06 02:09:00 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

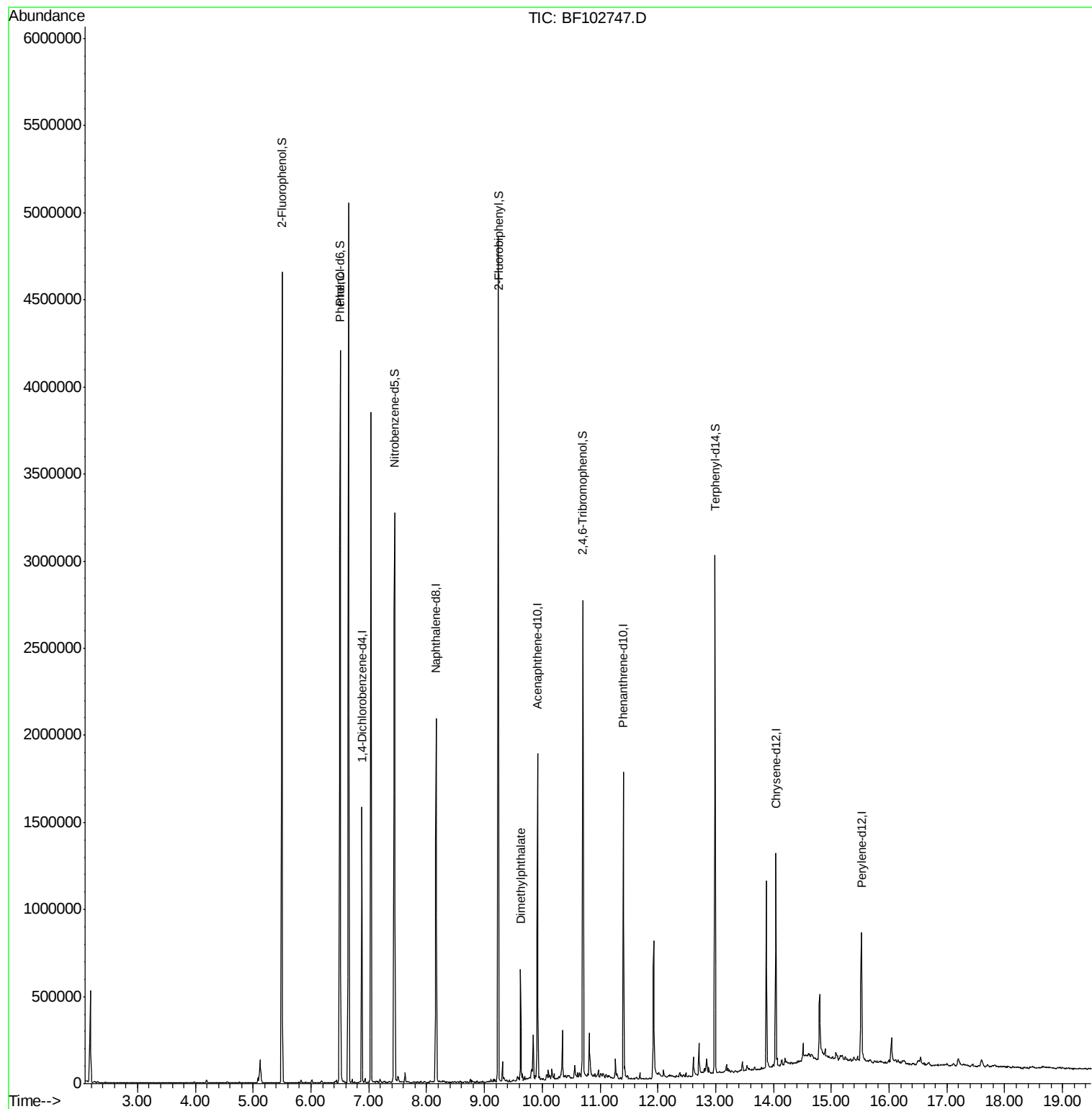
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	209886	20.00	ng	0.00
21) Naphthalene-d8	8.16	136	858077	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	376483	20.00	ng	0.00
63) Phenanthrene-d10	11.40	188	560841	20.00	ng	0.00
75) Chrysene-d12	14.04	240	368573	20.00	ng	-0.01
86) Perylene-d12	15.52	264	339047	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1447159	104.71	ng	0.00
7) Phenol-d6	6.50	99	1731346	104.04	ng	0.00
23) Nitrobenzene-d5	7.45	82	1083220	87.57	ng	0.00
41) 2,4,6-Tribromophenol	10.71	330	325531	107.43	ng	0.00
44) 2-Fluorobiphenyl	9.24	172	1469493	64.77	ng	0.00
78) Terphenyl-d14	12.99	244	1033544	66.40	ng	0.00
Target Compounds						
10) Phenol	6.52	94	49308	2.765	ng	93
49) Dimethylphthalate	9.63	163	201815	6.875	ng	99

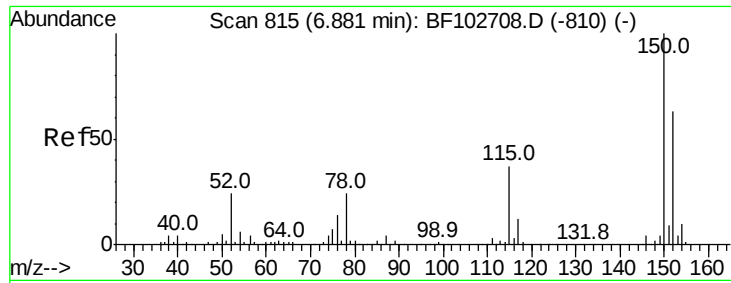
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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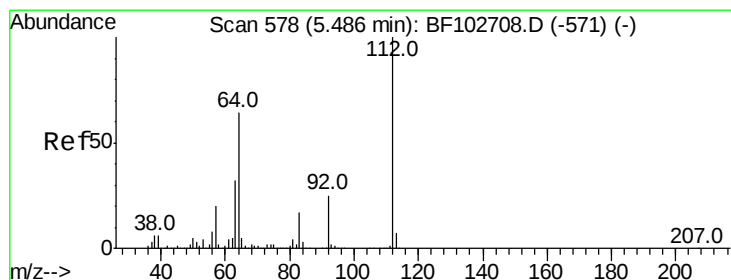
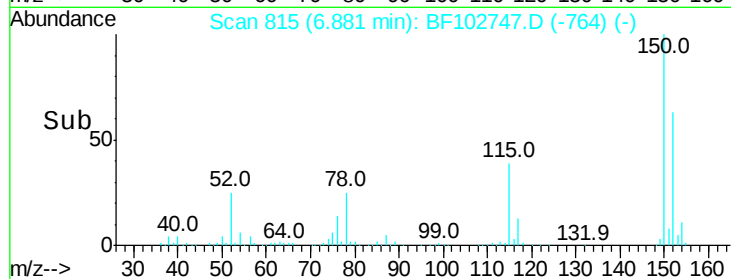
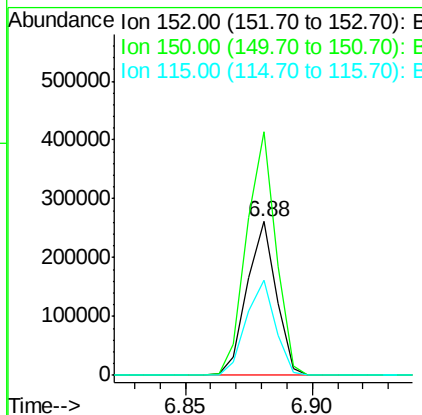
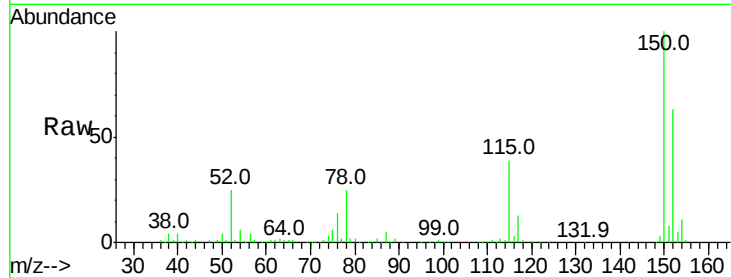


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.88 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF102747.D
Acq: 5 Feb 2018 19:27

Instrument :
BNA_F
ClientSampleId :
SA-ST-LATERAL-LINE-2-NW@4

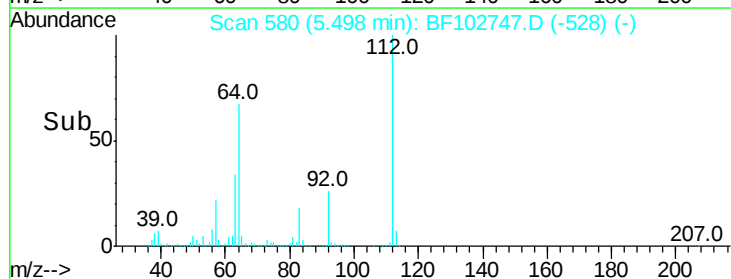
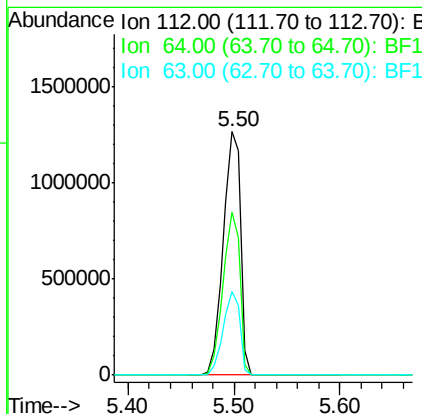
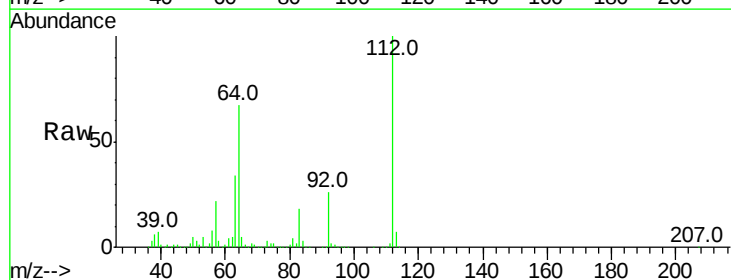
Tot Ion:152 Resp: 209886
Ion Ratio Lower Upper
152 100
150 158.2 124.6 186.8
115 61.8 50.1 75.1

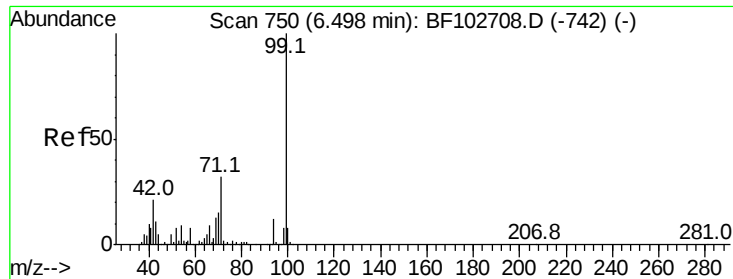


#5

2-Fluorophenol
Concen: 104.712 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF102747.D
Acq: 5 Feb 2018 19:27

Tgt Ion:112 Resp: 1447159
Ion Ratio Lower Upper
112 100
64 67.1 47.9 71.9
63 34.1 23.7 35.5





#7

Phenol-d6

Concen: 104.043 ng

RT: 6.50 min Scan# 751

Delta R.T. 0.00 min

Lab File: BF102747.D

Acq: 5 Feb 2018 19:27

Instrument :

BNA_F

ClientSampleId :

SA-ST-LATERAL-LINE-2-NW@4

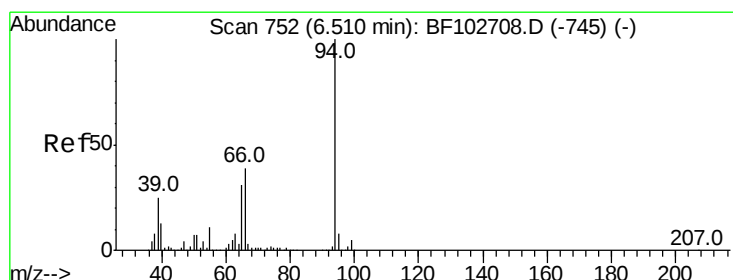
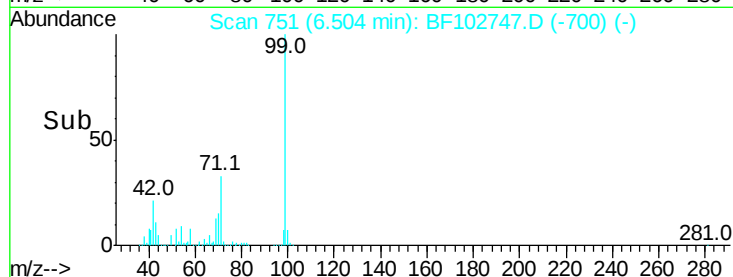
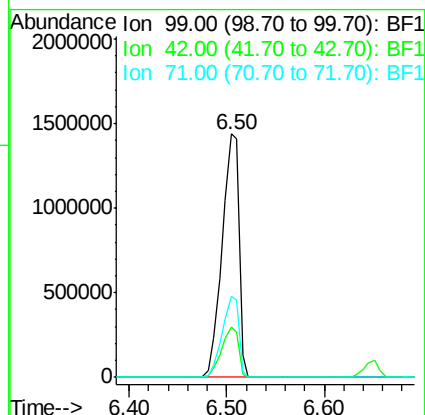
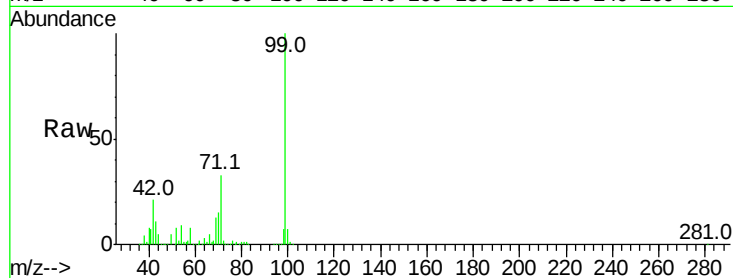
Tot Ion: 99 Resp: 1731346

Ion Ratio Lower Upper

99 100

42 20.7 14.5 21.7

71 33.4 25.4 38.0



#10

Phenol

Concen: 2.765 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.01 min

Lab File: BF102747.D

Acq: 5 Feb 2018 19:27

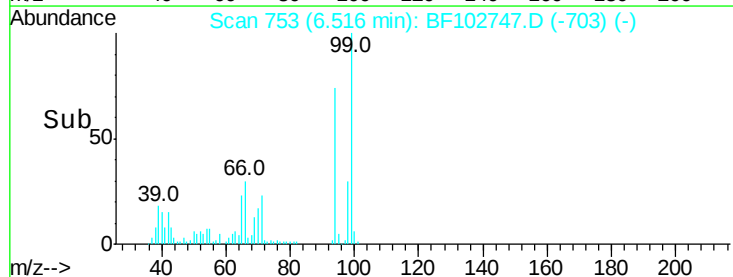
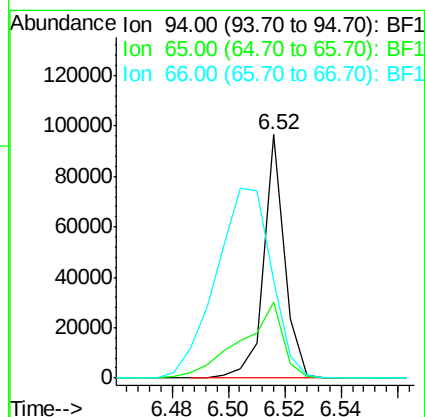
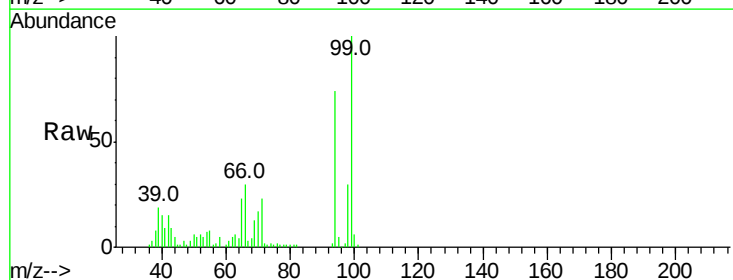
Tgt Ion: 94 Resp: 49308

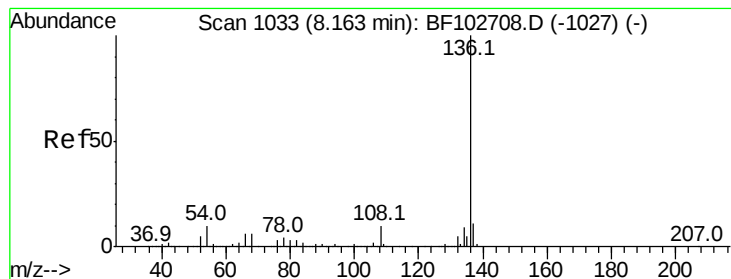
Ion Ratio Lower Upper

94 100

65 31.3 7.9 47.9

66 40.2 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: BF102747.D

Acq: 5 Feb 2018 19:27

Instrument :

BNA_F

ClientSampleId :

SA-ST-LATERAL-LINE-2-NW@4

Tot Ion:136 Resp: 858077

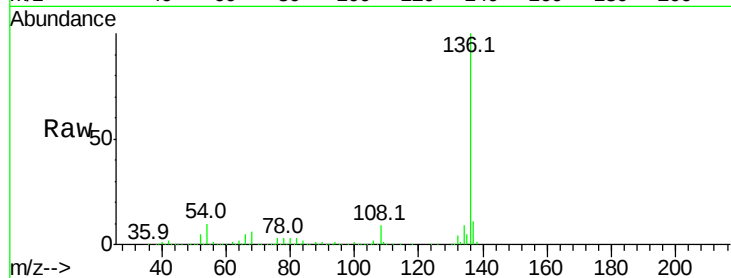
Ion Ratio Lower Upper

136 100

137 11.2 8.9 13.3

54 9.9 6.6 9.8#

68 6.4 5.0 7.4

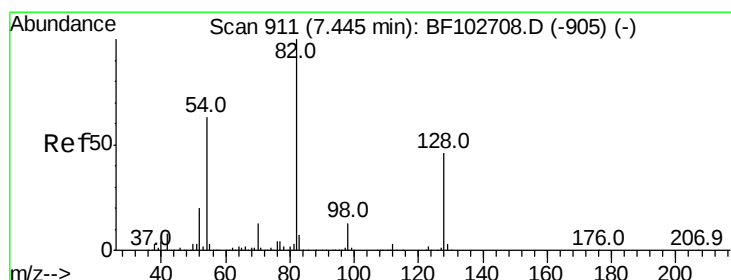
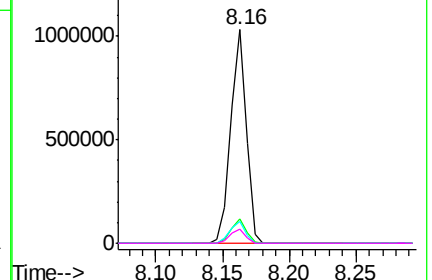
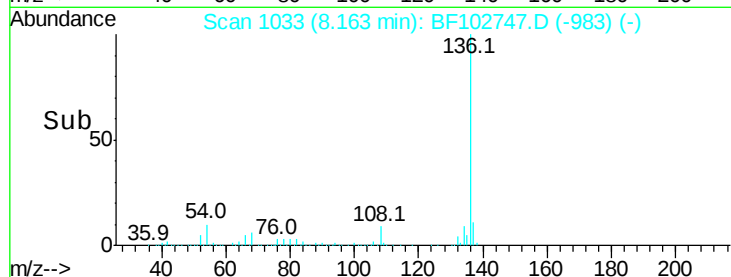


Abundance Ion 136.00 (135.70 to 136.70): E

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: 87.572 ng

RT: 7.45 min Scan# 911

Delta R.T. -0.01 min

Lab File: BF102747.D

Acq: 5 Feb 2018 19:27

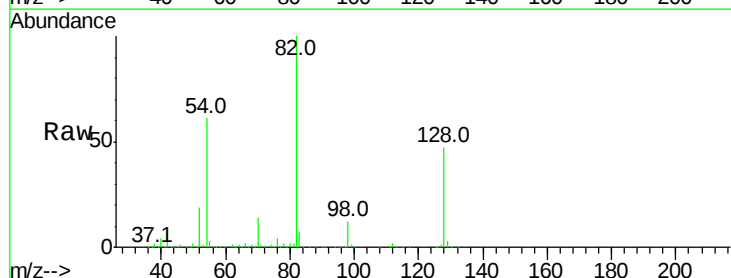
Tgt Ion: 82 Resp: 1083220

Ion Ratio Lower Upper

82 100

128 47.4 36.1 54.1

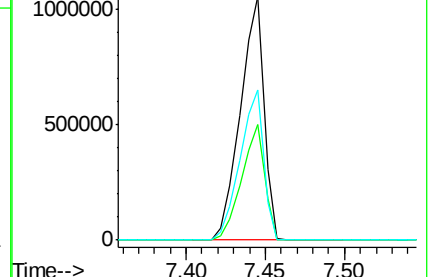
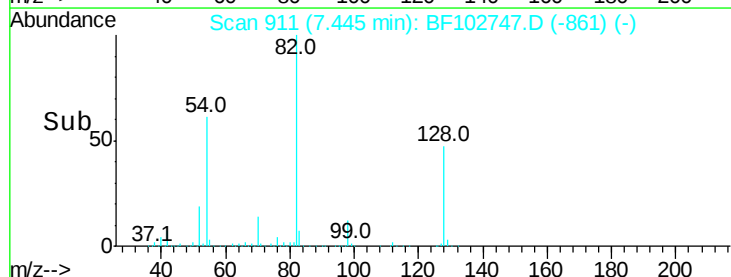
54 61.5 41.4 62.2

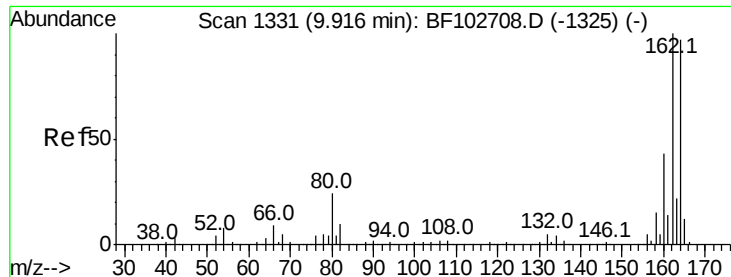


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

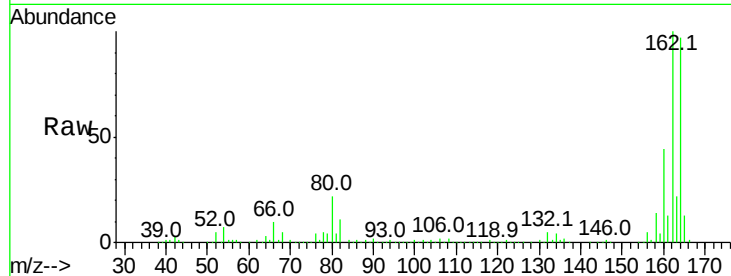




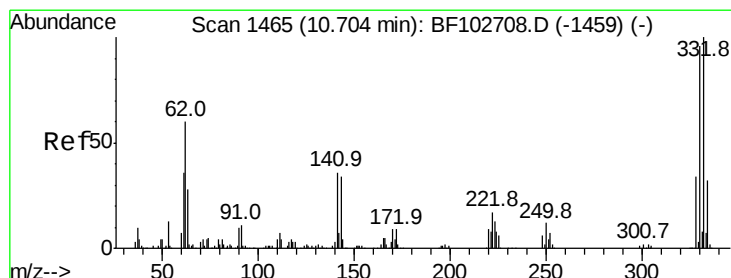
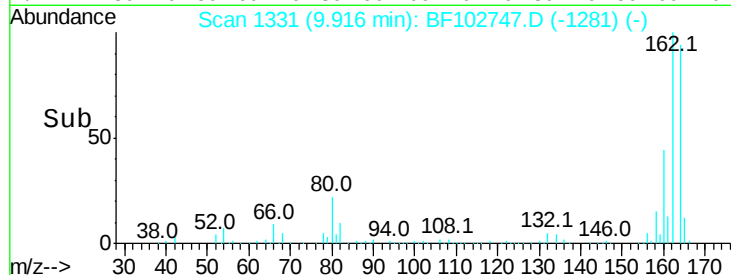
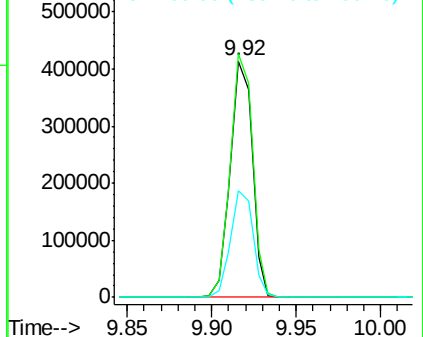
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.92 min Scan# 1331
Delta R.T. -0.01 min
Lab File: BF102747.D
Acq: 5 Feb 2018 19:27

Instrument :
BNA_F
ClientSampleId :
SA-ST-LATERAL-LINE-2-NW@4

Tot Ion:164 Resp: 376483
Ion Ratio Lower Upper
164 100
162 103.2 86.1 129.1
160 45.3 38.3 57.5

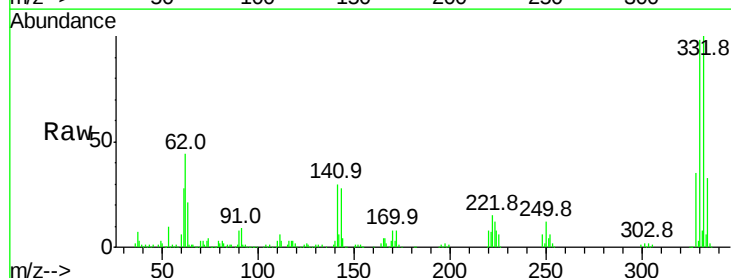


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

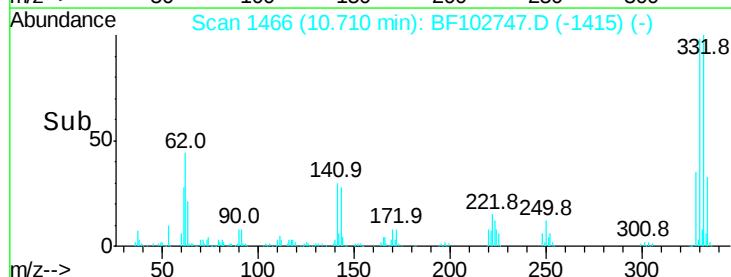
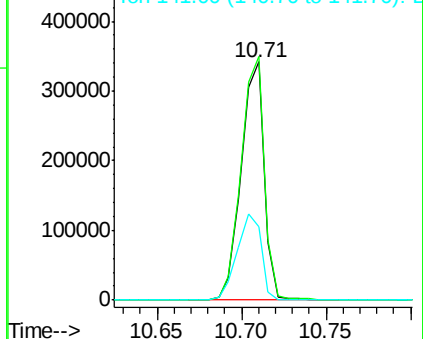


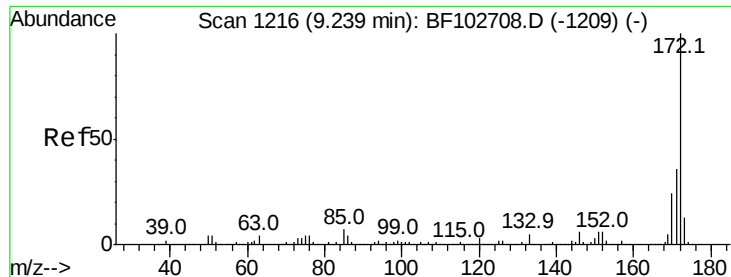
#41
2,4,6-Tribromophenol
Concen: 107.427 ng
RT: 10.71 min Scan# 1466
Delta R.T. 0.00 min
Lab File: BF102747.D
Acq: 5 Feb 2018 19:27

Tgt Ion:330 Resp: 325531
Ion Ratio Lower Upper
330 100
332 102.9 77.0 115.6
141 37.8 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: 64.768 ng

RT: 9.24 min Scan# 1216

Delta R.T. -0.01 min

Lab File: BF102747.D

Acq: 5 Feb 2018 19:27

Instrument :

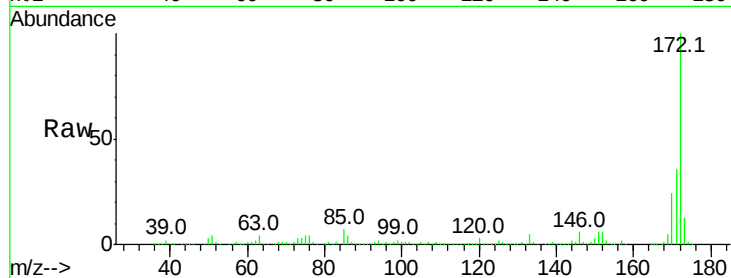
BNA_F

ClientSampleId :

SA-ST-LATERAL-LINE-2-NW@4

Tot Ion:172 Resp: 1469493

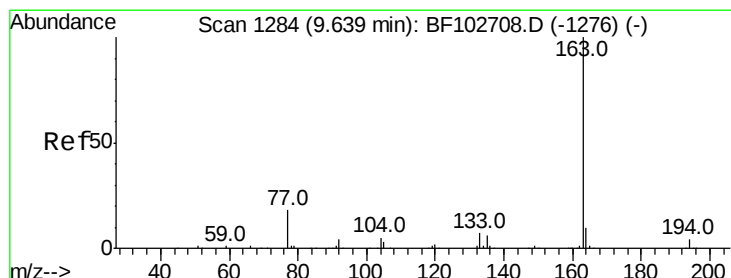
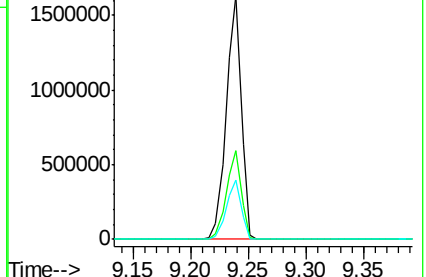
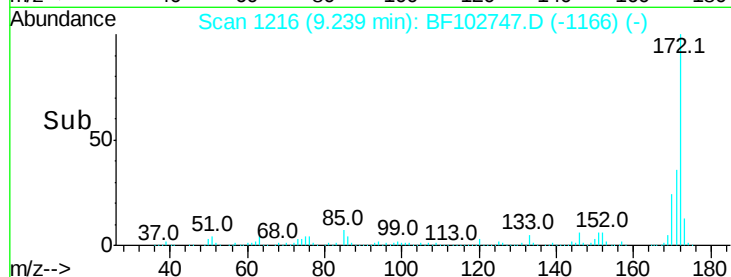
Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.7	44.5
170	24.4	19.6	29.4



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: 6.875 ng

RT: 9.63 min Scan# 1282

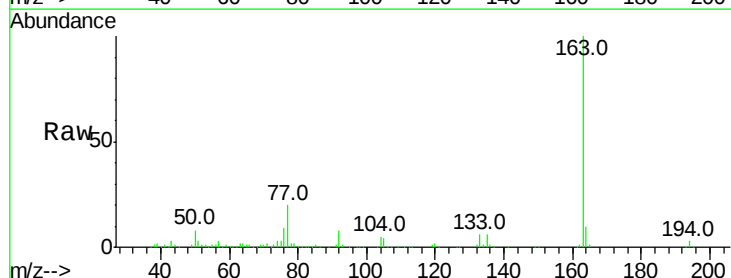
Delta R.T. -0.02 min

Lab File: BF102747.D

Acq: 5 Feb 2018 19:27

Tgt Ion:163 Resp: 201815

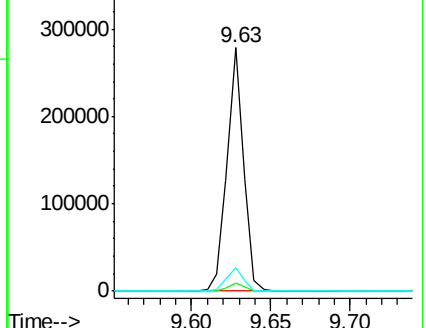
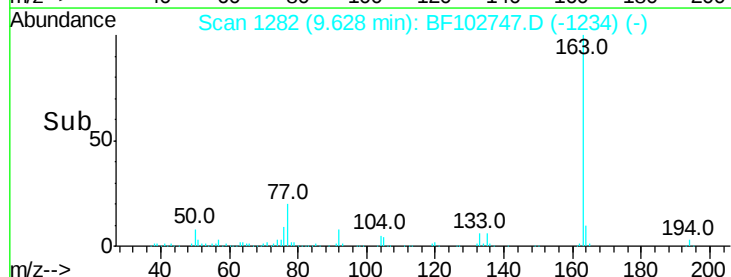
Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.7	4.1
164	9.9	8.2	12.2

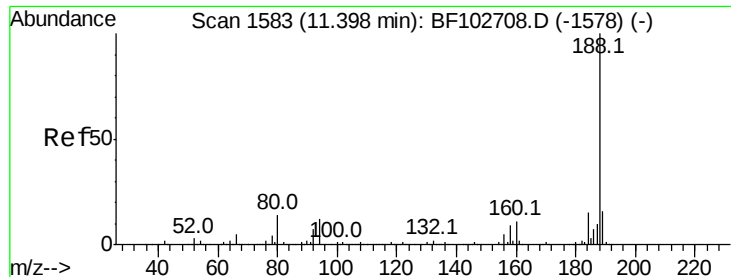


Abundance Ion 163.00 (162.70 to 163.70): E

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: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF102747.D

Acq: 5 Feb 2018 19:27

Instrument :

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ClientSampleId :

SA-ST-LATERAL-LINE-2-NW@4

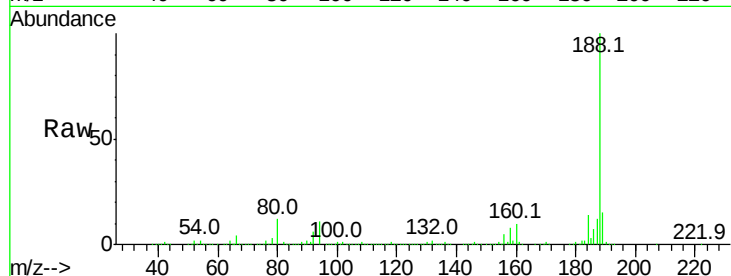
Tot Ion:188 Resp: 560841

Ion Ratio Lower Upper

188 100

94 11.0 8.5 12.7

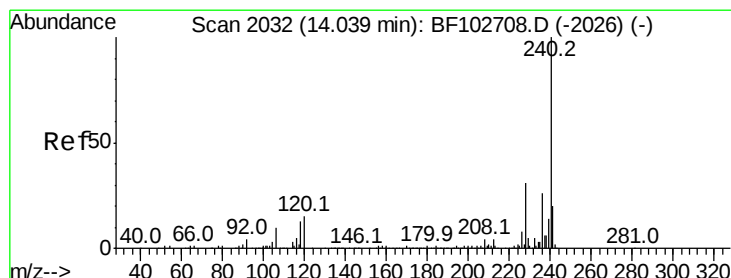
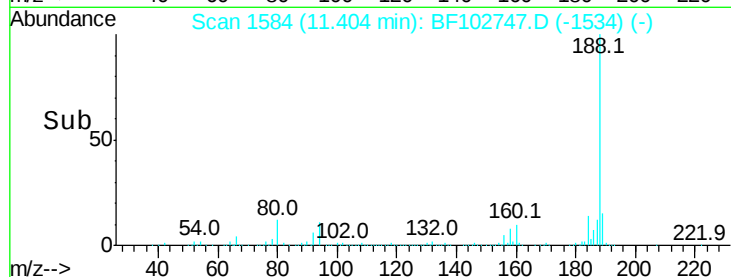
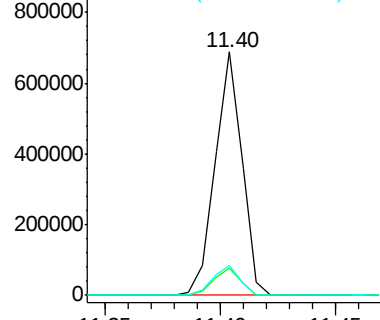
80 12.1 9.2 13.8



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# 2032

Delta R.T. -0.01 min

Lab File: BF102747.D

Acq: 5 Feb 2018 19:27

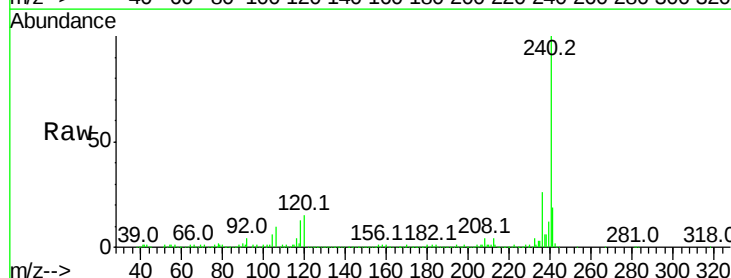
Tgt Ion:240 Resp: 368573

Ion Ratio Lower Upper

240 100

120 15.2 9.5 14.3#

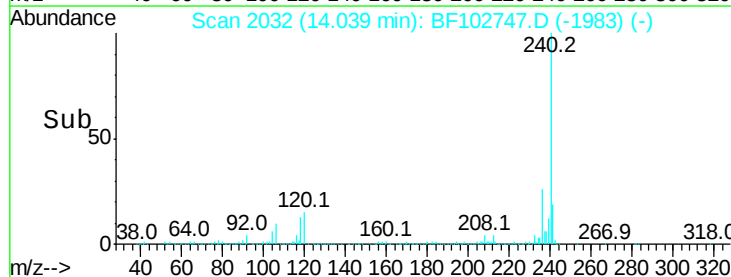
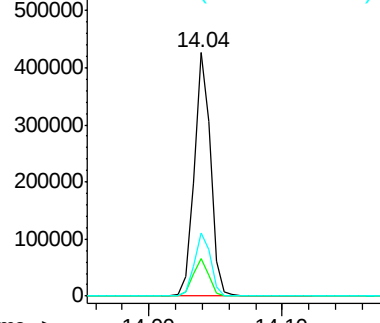
236 25.7 20.7 31.1

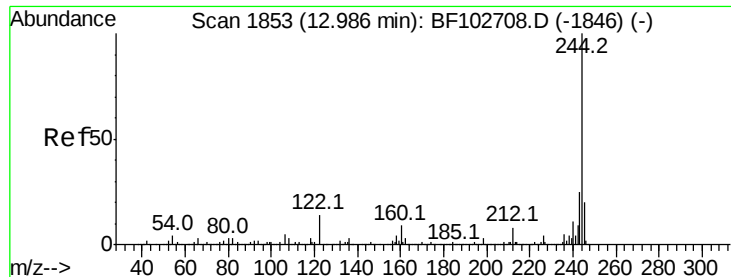


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 66.397 ng

RT: 12.99 min Scan# 1854

Delta R.T. -0.01 min

Lab File: BF102747.D

Acq: 5 Feb 2018 19:27

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SA-ST-LATERAL-LINE-2-NW@4

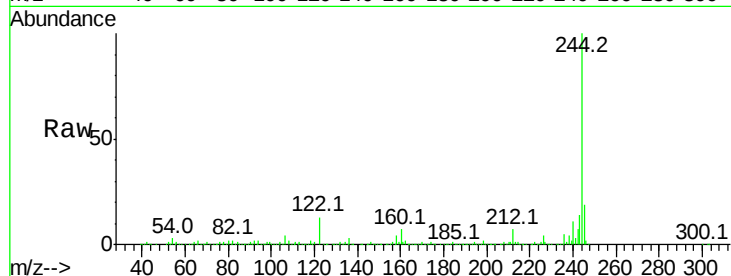
Tot Ion:244 Resp: 1033544

Ion Ratio Lower Upper

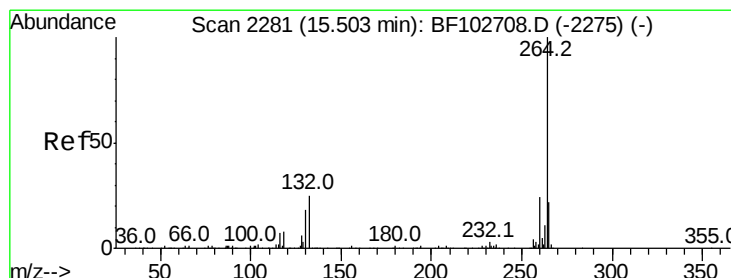
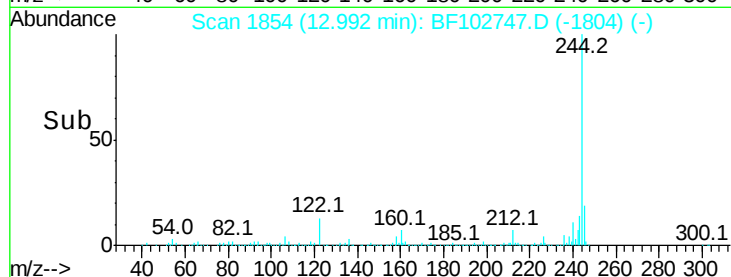
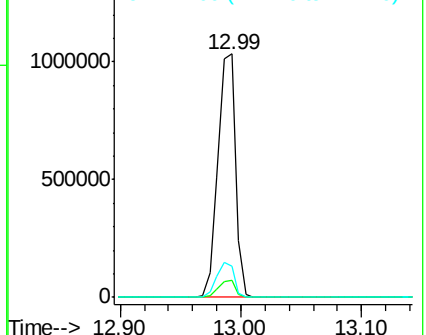
244 100

212 6.8 5.4 8.0

122 12.6 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: 15.52 min Scan# 2284

Delta R.T. -0.01 min

Lab File: BF102747.D

Acq: 5 Feb 2018 19:27

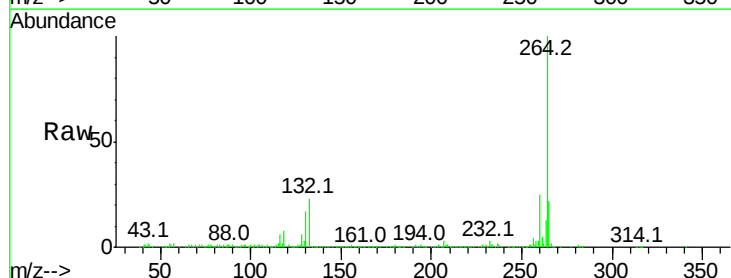
Tgt Ion:264 Resp: 339047

Ion Ratio Lower Upper

264 100

260 25.1 19.2 28.8

265 22.3 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

