

Data Path : Z:\HPCHEM1\BNA F\DATA\BF103117\
 Data File : BF100036.D
 Acq On : 1 Nov 2017 9:01
 Operator : SJ/JU
 Sample : I6094-07
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 ISLIP-WEST-COMP(0-3)

Quant Time: Nov 01 11:12:41 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF102317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 31 16:51:57 2017
 Response via : Initial Calibration

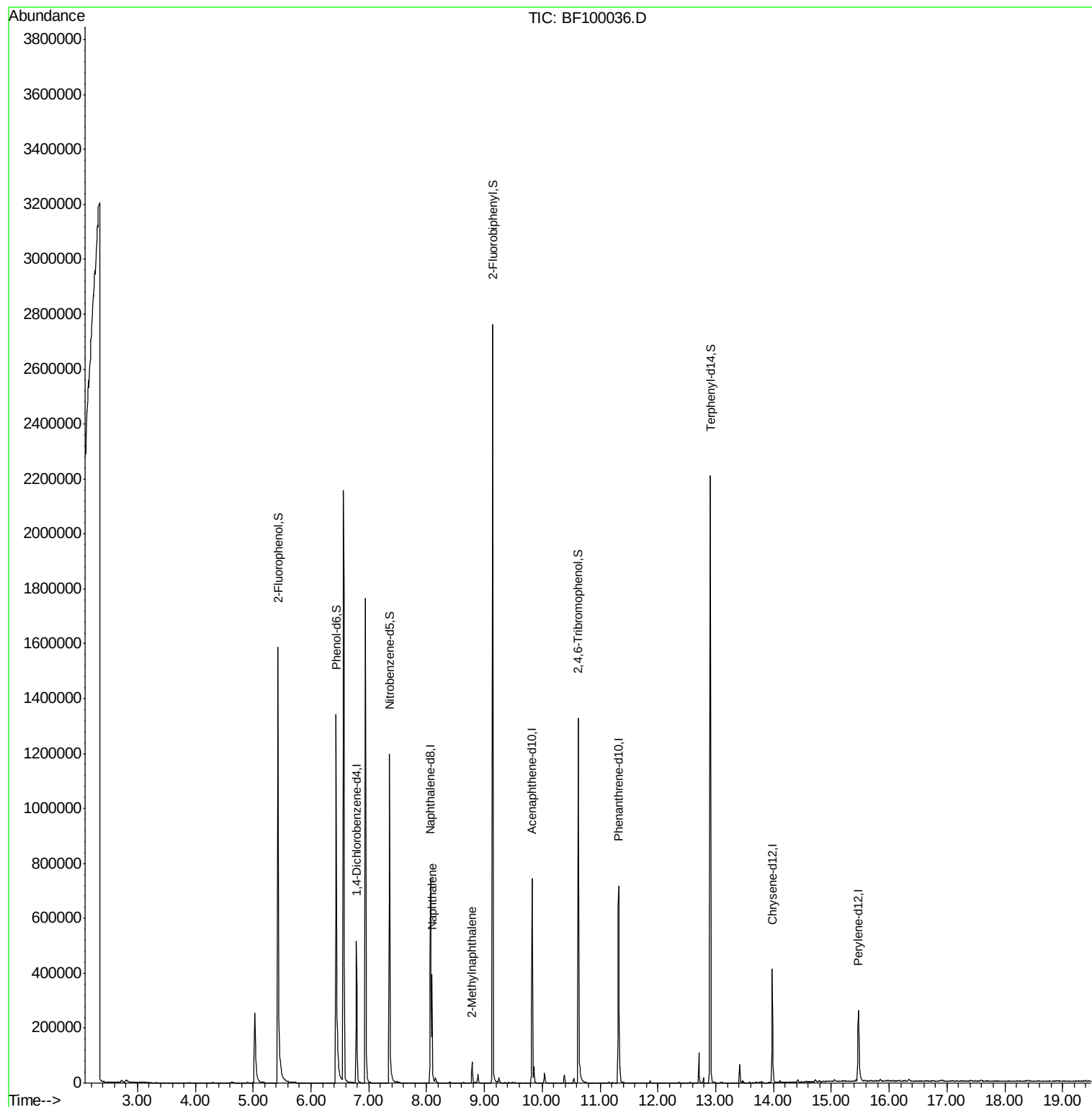
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	84187	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	338576	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	159804	20.00	ng	0.00
63) Phenanthrene-d10	11.32	188	277527	20.00	ng	0.00
75) Chrysene-d12	13.98	240	168123	20.00	ng	0.00
86) Perylene-d12	15.47	264	149406	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	626980	116.92	ng	0.02
7) Phenol-d6	6.43	99	683511	107.50	ng	0.00
23) Nitrobenzene-d5	7.36	82	473884	90.11	ng	0.00
41) 2,4,6-Tribromophenol	10.62	330	194402	133.49	ng	0.00
44) 2-Fluorobiphenyl	9.15	172	967143	93.37	ng	0.00
78) Terphenyl-d14	12.91	244	847700	110.19	ng	0.00
Target Compounds						
31) Naphthalene	8.09	128	217175	13.288	ng	97
37) 2-Methylnaphthalene	8.79	142	25146	2.296	ng	96

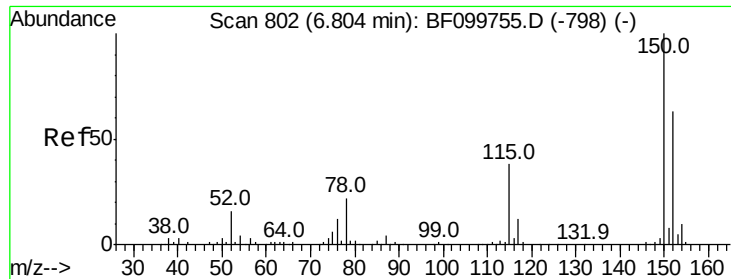
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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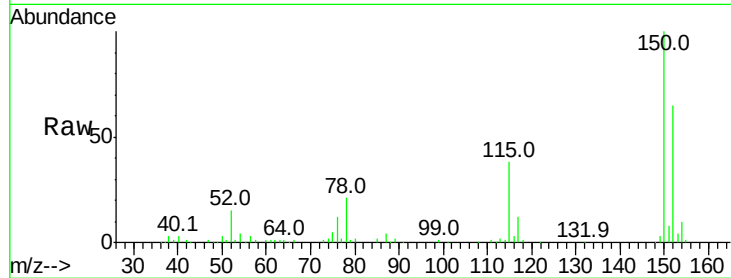


#1

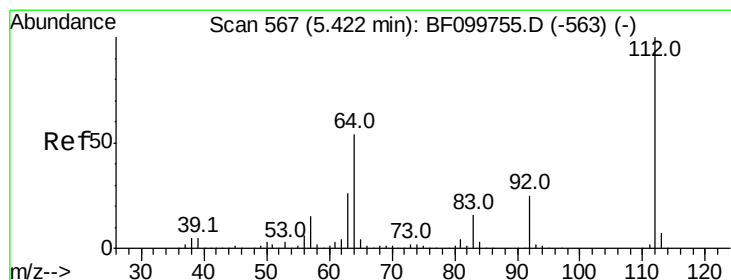
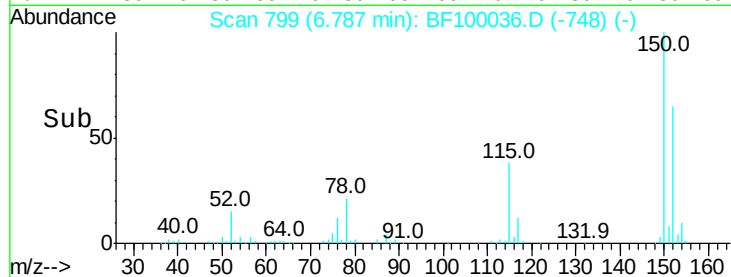
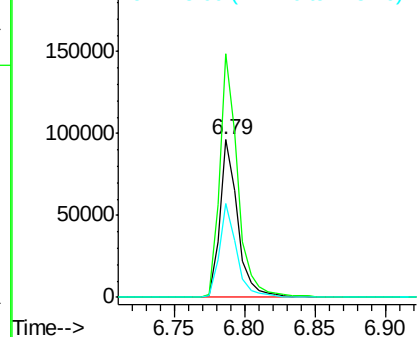
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. 0.00 min
Lab File: BF100036.D
Acq: 1 Nov 2017 9:01

Instrument :
BNA_F
ClientSampleId :
ISLIP-WEST-COMP(0-3)

Tot Ion:152 Resp: 84187
Ion Ratio Lower Upper
152 100
150 154.7 124.6 186.8
115 59.5 50.1 75.1



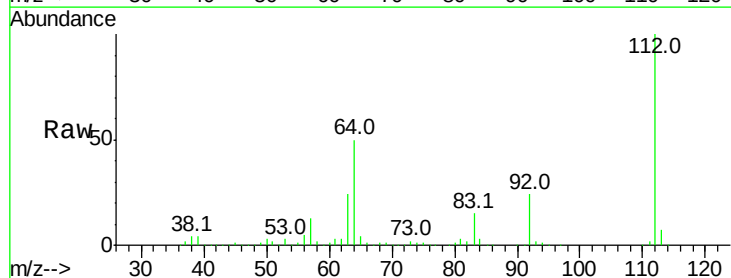
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



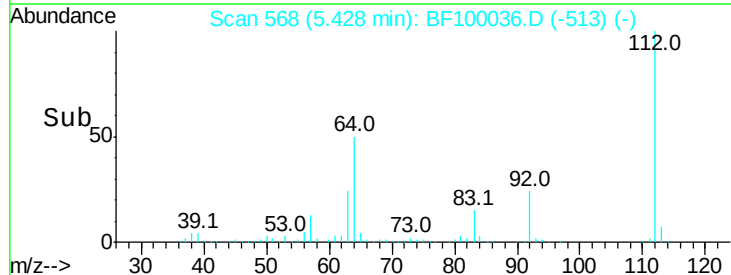
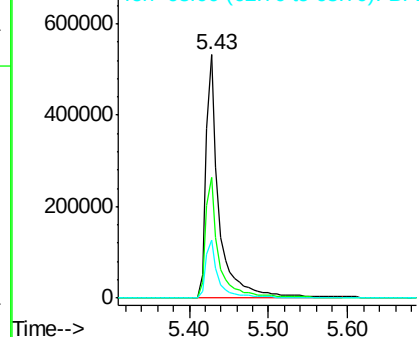
#5

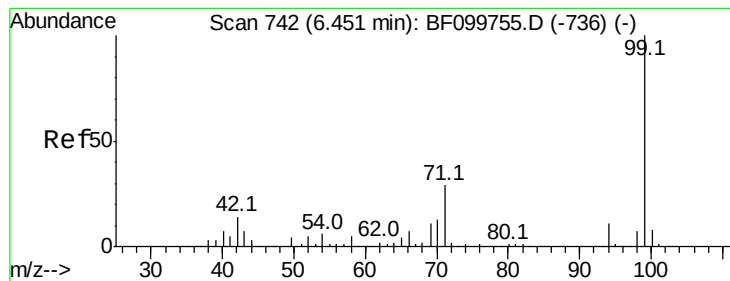
2-Fluorophenol
Concen: 116.923 ng
RT: 5.43 min Scan# 568
Delta R.T. 0.02 min
Lab File: BF100036.D
Acq: 1 Nov 2017 9:01

Tgt Ion:112 Resp: 626980
Ion Ratio Lower Upper
112 100
64 49.6 47.9 71.9
63 23.6 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: 107.500 ng

RT: 6.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BF100036.D

Acq: 1 Nov 2017 9:01

Instrument :

BNA_F

ClientSampleId :

ISLIP-WEST-COMP(0-3)

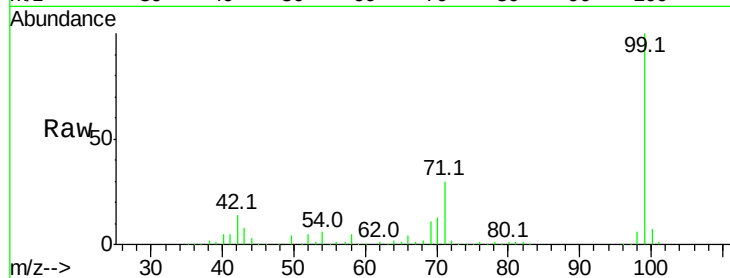
Tot Ion: 99 Resp: 683511

Ion Ratio Lower Upper

99 100

42 13.8 14.5 21.7#

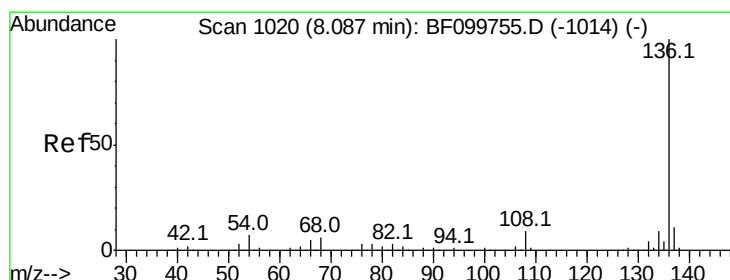
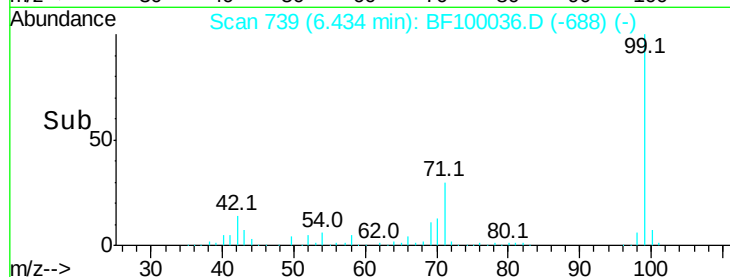
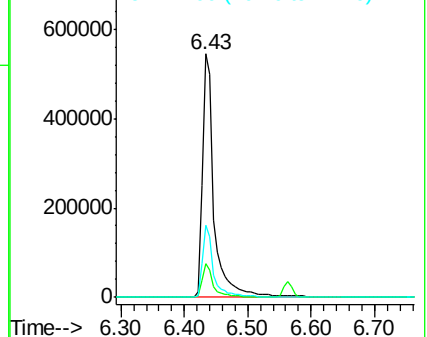
71 29.5 25.4 38.0



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.07 min Scan# 1017

Delta R.T. 0.00 min

Lab File: BF100036.D

Acq: 1 Nov 2017 9:01

Tgt Ion: 136 Resp: 338576

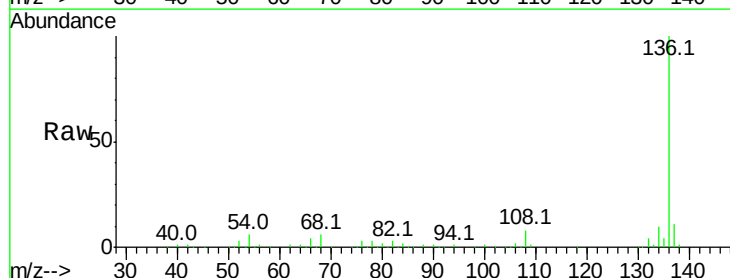
Ion Ratio Lower Upper

136 100

137 10.9 8.9 13.3

54 6.3 6.6 9.8#

68 5.9 5.0 7.4

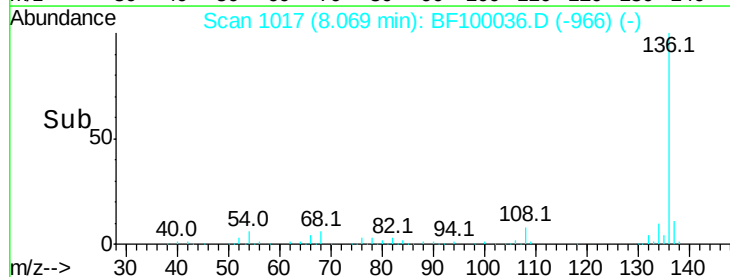
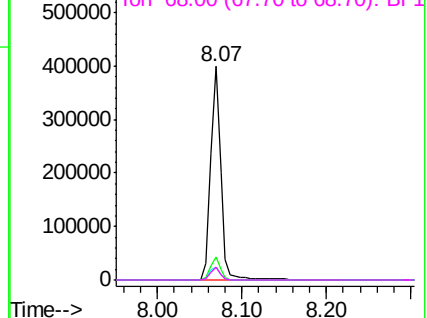


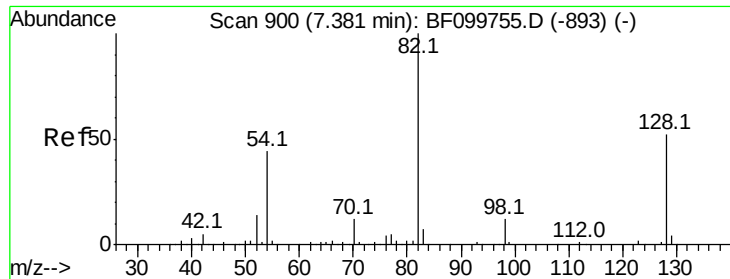
Abundance Ion 136.00 (135.70 to 136.70): E

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

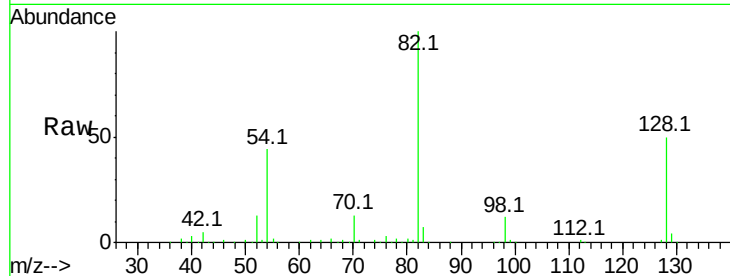




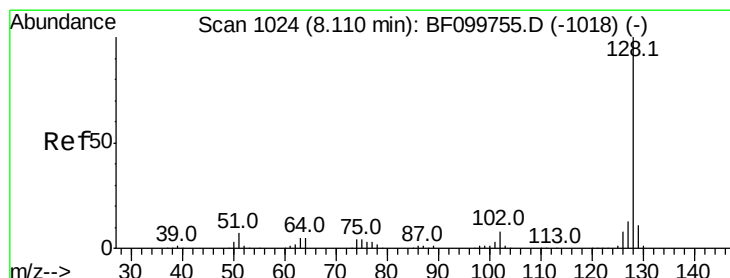
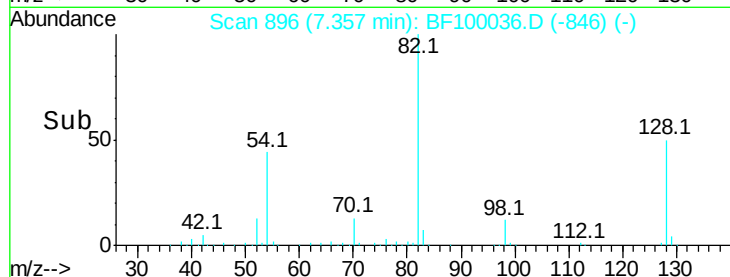
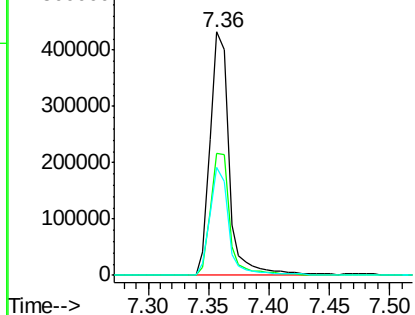
#23
 Nitrobenzene-d5
 Concen: 90.109 ng
 RT: 7.36 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

Instrument :
 BNA_F
 ClientSampleId :
 ISLIP-WEST-COMP(0-3)

Tot Ion: 82 Resp: 473884
 Ion Ratio Lower Upper
 82 100
 128 50.0 36.1 54.1
 54 44.1 41.4 62.2

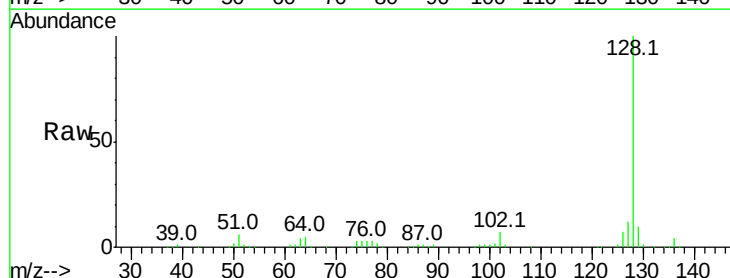


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

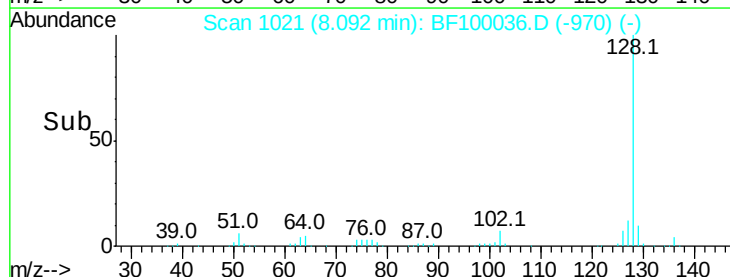
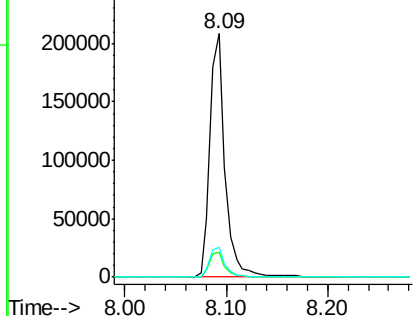


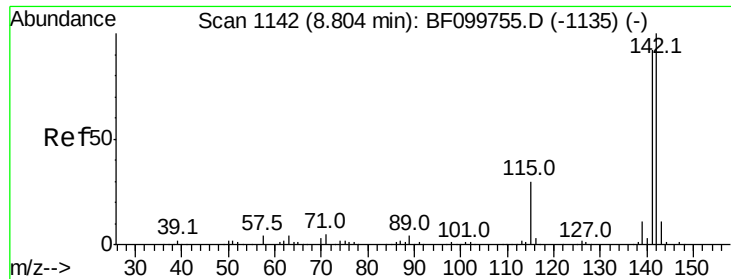
#31
 Naphthalene
 Concen: 13.288 ng
 RT: 8.09 min Scan# 1021
 Delta R.T. 0.00 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

Tgt Ion: 128 Resp: 217175
 Ion Ratio Lower Upper
 128 100
 129 10.1 8.8 13.2
 127 12.4 10.9 16.3



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E

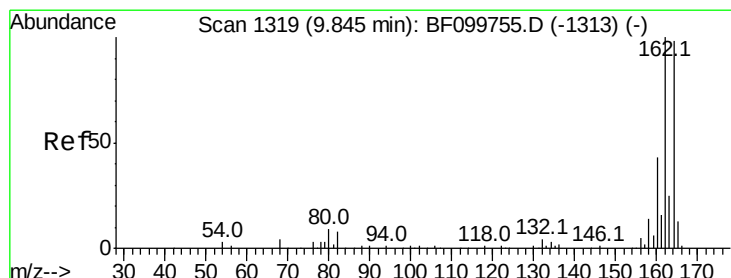
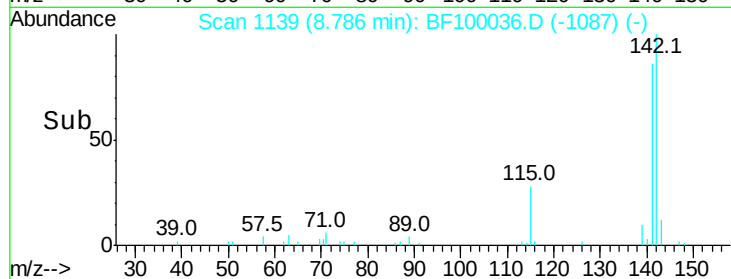
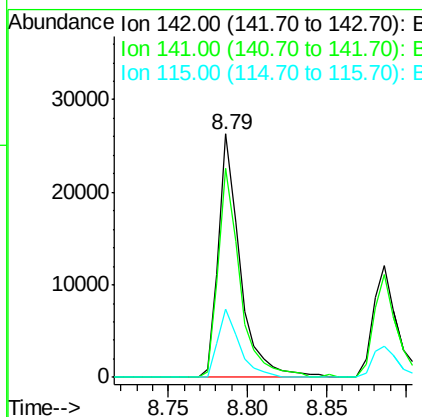
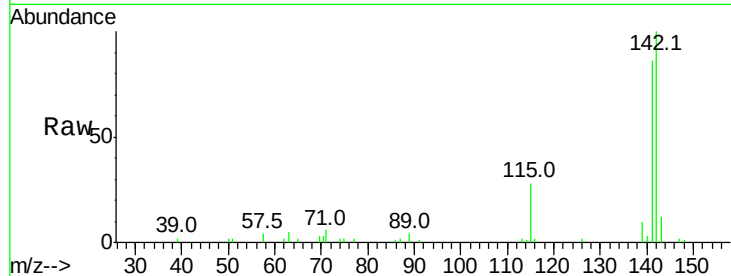




#37
 2-Methylnaphthalene
 Concen: 2.296 ng
 RT: 8.79 min Scan# 1139
 Delta R.T. 0.01 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

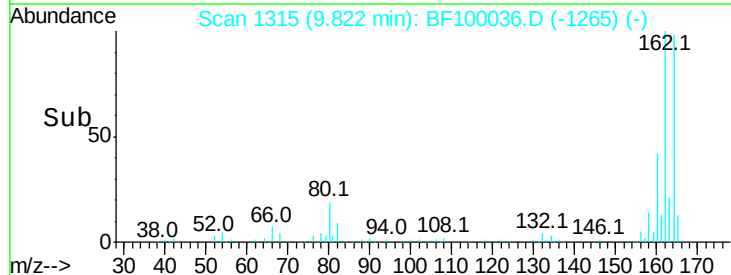
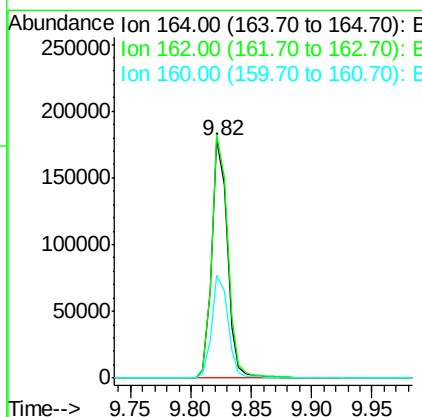
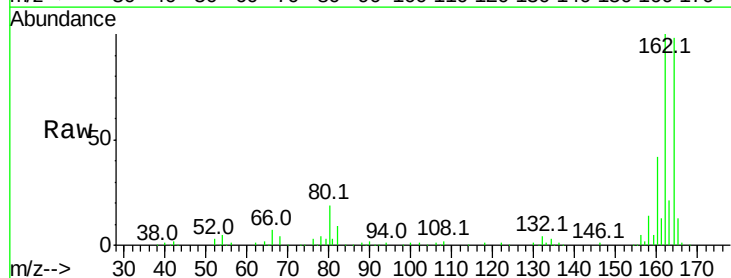
Instrument :
 BNA_F
 ClientSampleId :
 ISLIP-WEST-COMP(0-3)

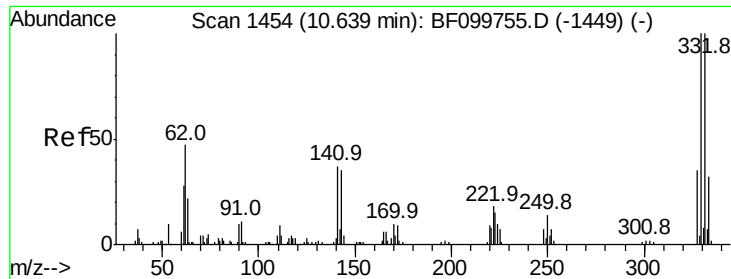
Tot Ion:142 Resp: 25146
 Ion Ratio Lower Upper
 142 100
 141 85.8 70.8 106.2
 115 28.1 26.1 39.1



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.82 min Scan# 1315
 Delta R.T. -0.01 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

Tgt Ion:164 Resp: 159804
 Ion Ratio Lower Upper
 164 100
 162 102.3 86.1 129.1
 160 43.4 38.3 57.5

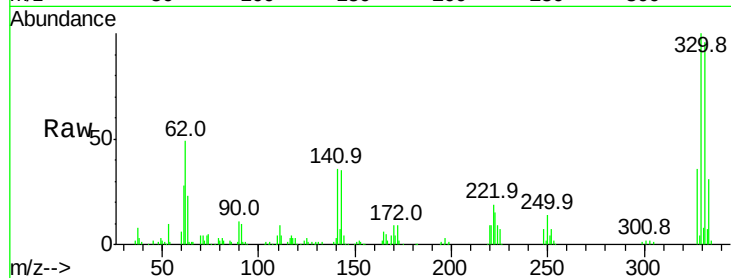




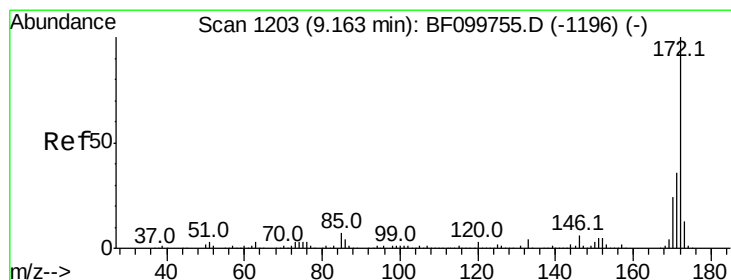
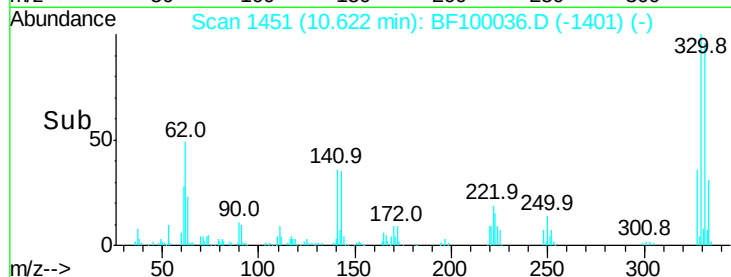
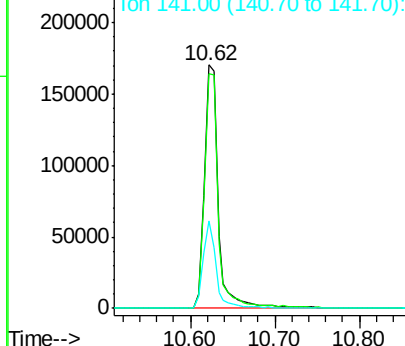
#41
 2,4,6-Tribromophenol
 Concen: 133.488 ng
 RT: 10.62 min Scan# 1451
 Delta R.T. -0.01 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

Instrument :
 BNA_F
 ClientSampleId :
 ISLIP-WEST-COMP(0-3)

Tot Ion:330 Resp: 194402
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 33.5 29.9 44.9

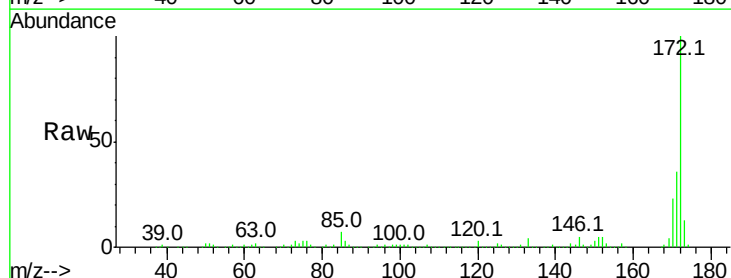


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

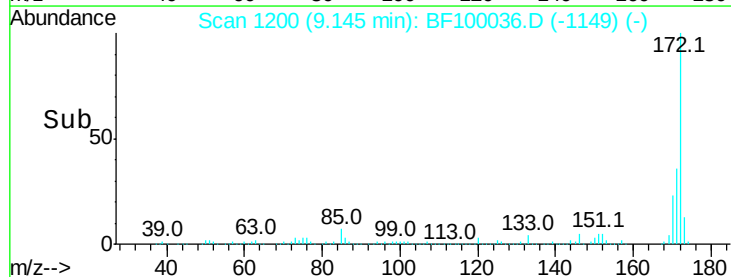
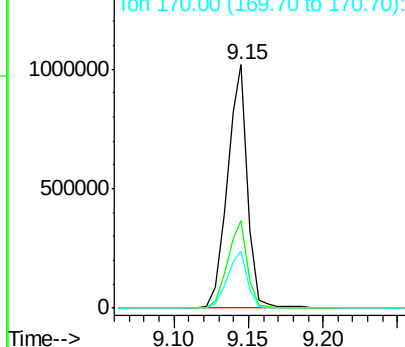


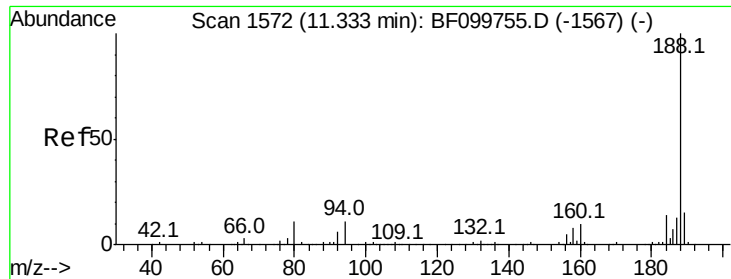
#44
 2-Fluorobiphenyl
 Concen: 93.374 ng
 RT: 9.15 min Scan# 1200
 Delta R.T. 0.00 min
 Lab File: BF100036.D
 Acq: 1 Nov 2017 9:01

Tgt Ion:172 Resp: 967143
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.7 44.5
 170 23.3 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

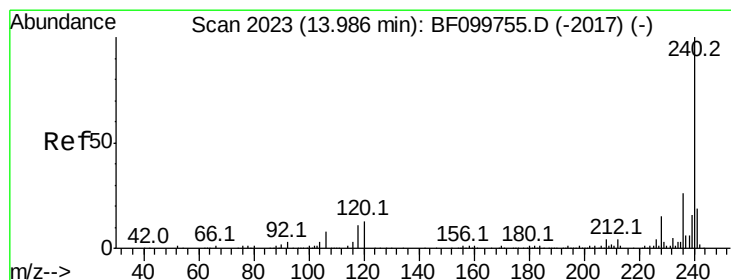
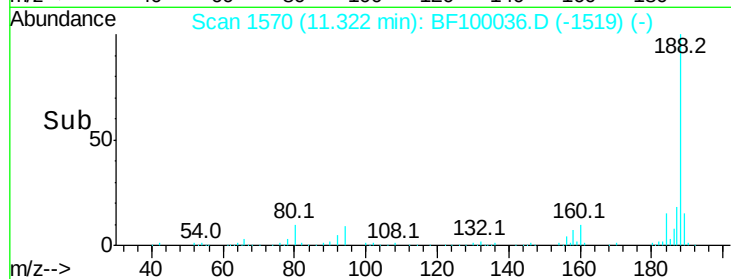
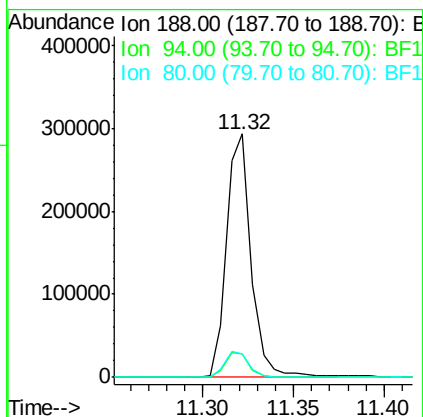
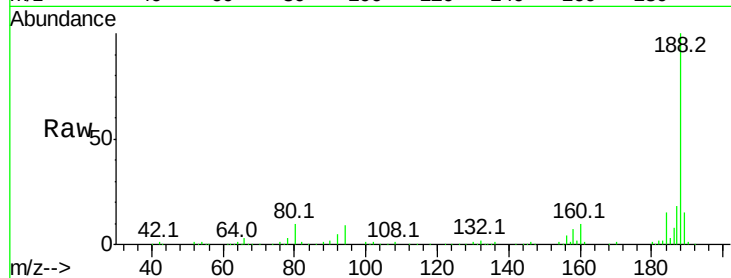




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.32 min Scan# 1570
Delta R.T. 0.00 min
Lab File: BF100036.D
Acq: 1 Nov 2017 9:01

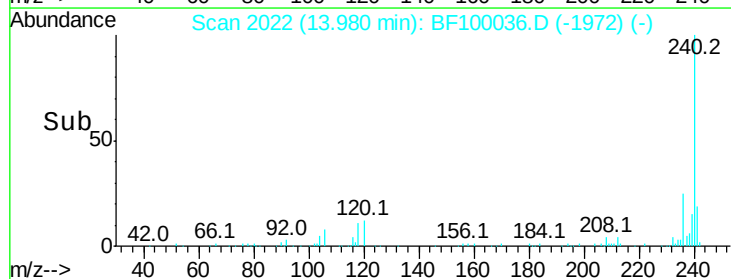
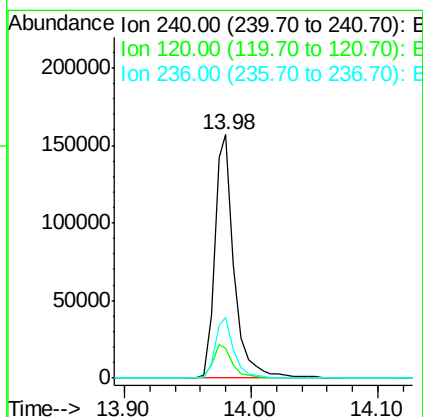
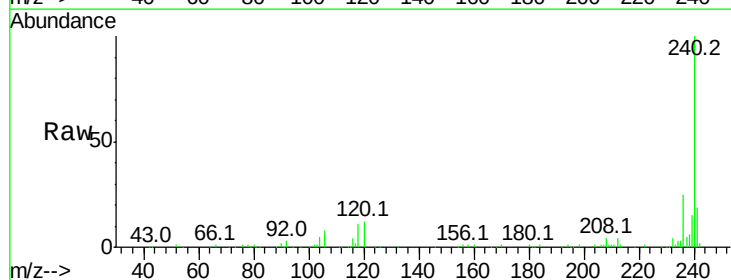
Instrument :
BNA_F
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ISLIP-WEST-COMP(0-3)

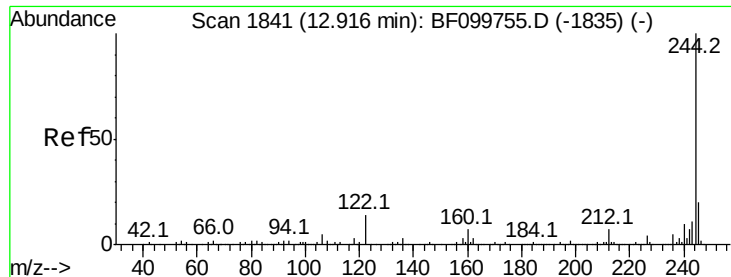
Tot Ion	Ratio	Lower	Upper
188	100		
94	9.5	8.5	12.7
80	9.5	9.2	13.8



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.98 min Scan# 2022
Delta R.T. -0.01 min
Lab File: BF100036.D
Acq: 1 Nov 2017 9:01

Tgt Ion	Ratio	Lower	Upper
240	100		
120	12.2	9.5	14.3
236	24.6	20.7	31.1





#78

Terphenyl-d14

Concen: 110.190 ng

RT: 12.91 min Scan# 1840

Delta R.T. 0.01 min

Lab File: BF100036.D

Acq: 1 Nov 2017 9:01

Instrument :

BNA_F

ClientSampleId :

ISLIP-WEST-COMP(0-3)

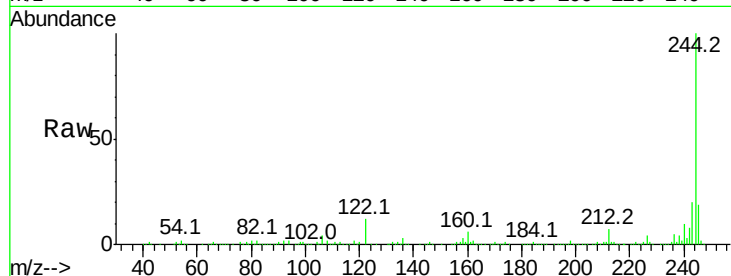
Tot Ion:244 Resp: 847700

Ion Ratio Lower Upper

244 100

212 6.8 5.4 8.0

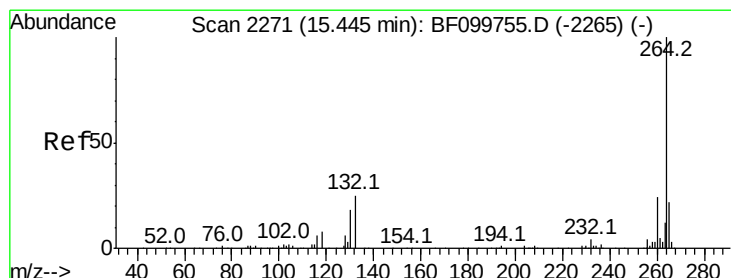
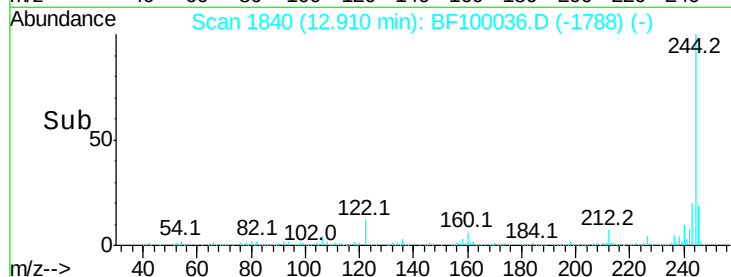
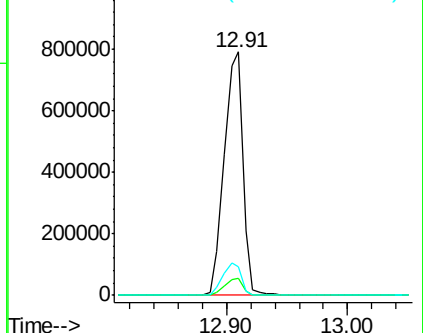
122 11.9 11.0 16.4



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: 15.47 min Scan# 2275

Delta R.T. -0.01 min

Lab File: BF100036.D

Acq: 1 Nov 2017 9:01

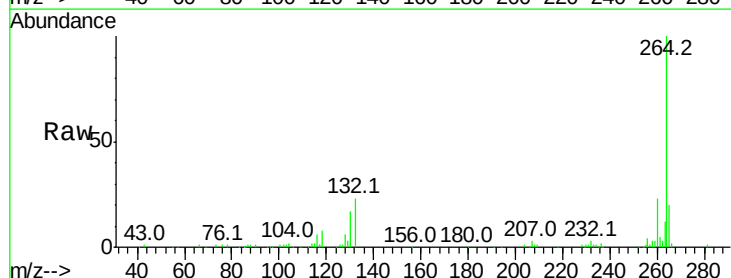
Tgt Ion:264 Resp: 149406

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 20.3 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

