

Data Path : Z:\HPCHEM1\BNA F\DATA\BF092817\
 Data File : BF098906.D
 Acq On : 28 Sep 2017 14:09
 Operator : SJ/JU
 Sample : I5433-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-G7-G8-G9-G10

Quant Time: Sep 29 01:17:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 23 13:50:58 2017
 Response via : Initial Calibration

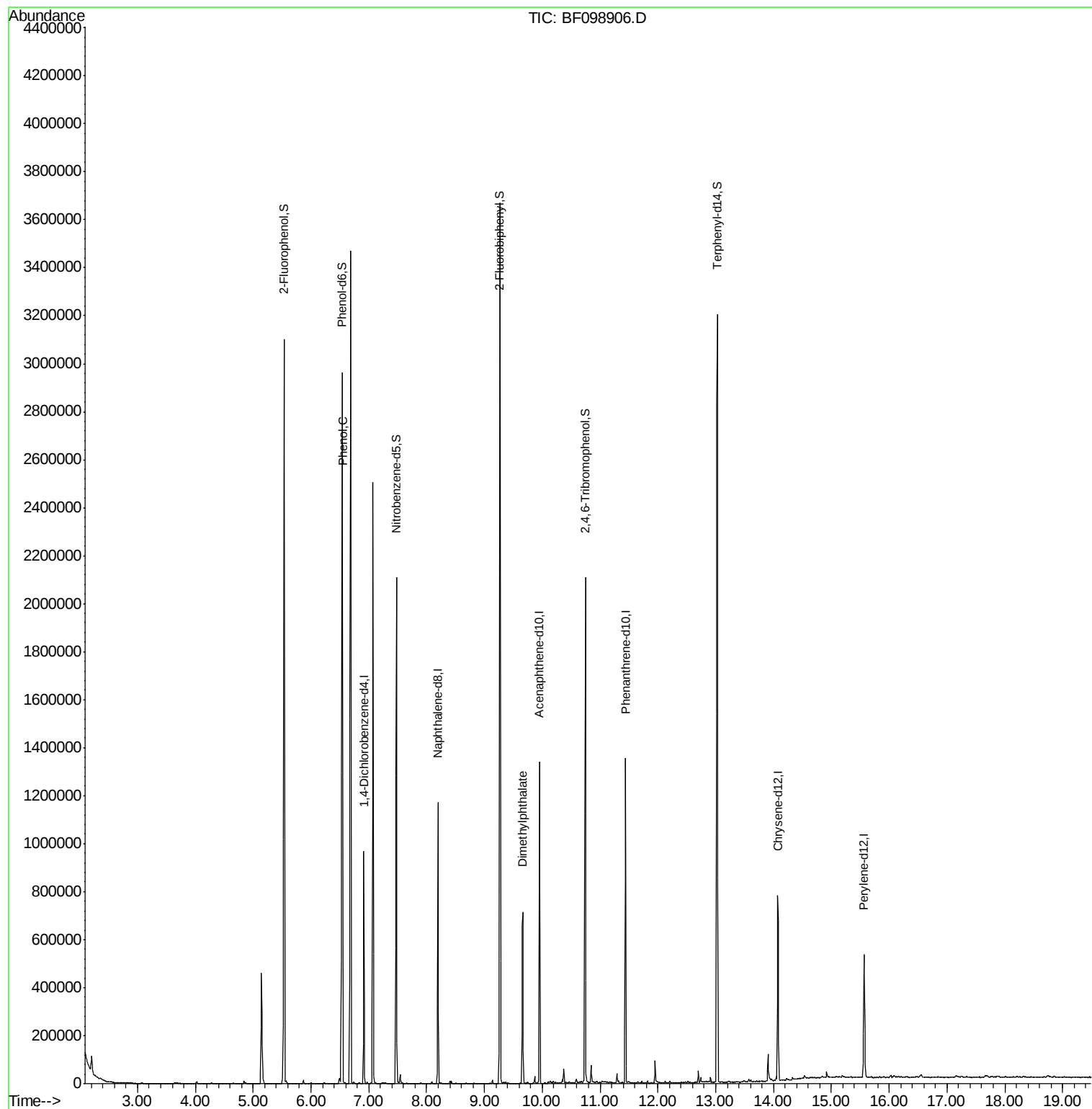
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.92	152	129668	20.00	ng	0.00
21) Naphthalene-d8	8.20	136	532333	20.00	ng	0.00
38) Acenaphthene-d10	9.95	164	240606	20.00	ng	-0.01
63) Phenanthrene-d10	11.44	188	424371	20.00	ng	0.00
75) Chrysene-d12	14.07	240	243050	20.00	ng	-0.01
86) Perylene-d12	15.57	264	226604	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	986465	121.11	ng	0.00
7) Phenol-d6	6.54	99	1224284	121.84	ng	0.00
23) Nitrobenzene-d5	7.47	82	741154	89.29	ng	-0.01
41) 2,4,6-Tribromophenol	10.75	330	249111	126.53	ng	0.00
44) 2-Fluorobiphenyl	9.27	172	1230128	85.35	ng	-0.01
78) Terphenyl-d14	13.03	244	1041917	97.49	ng	0.00
Target Compounds						
10) Phenol	6.55	94	25171	2.240	ng	97
49) Dimethylphthalate	9.66	163	284614	15.673	ng	99

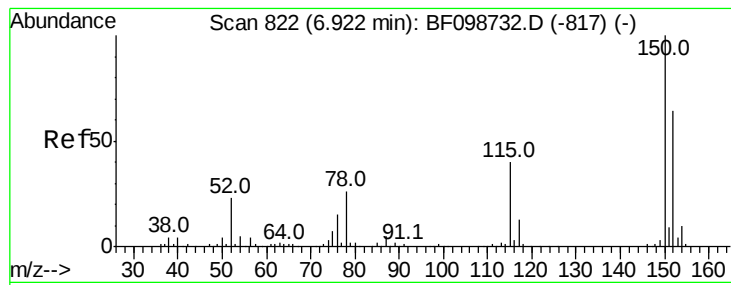
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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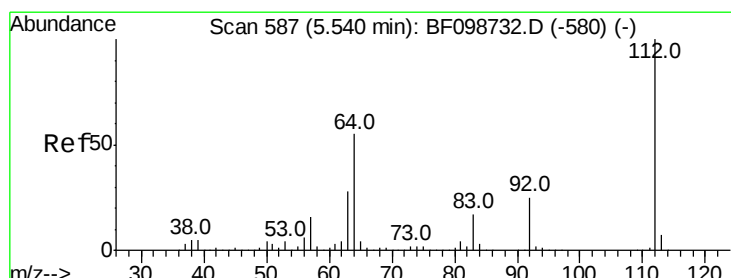
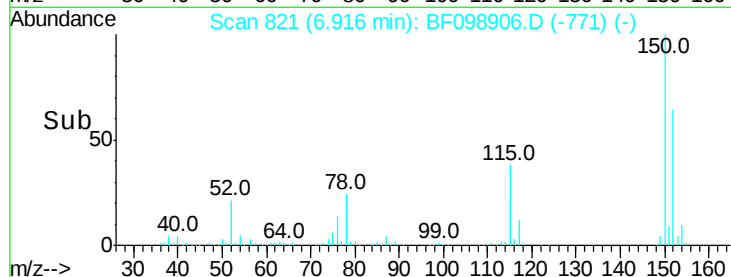
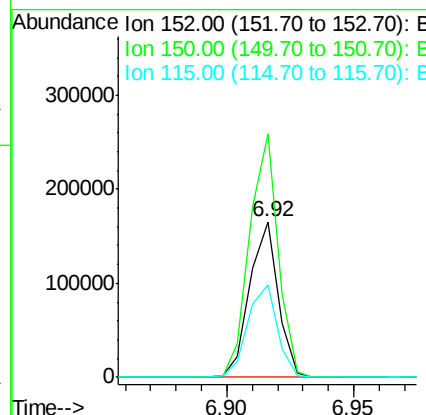
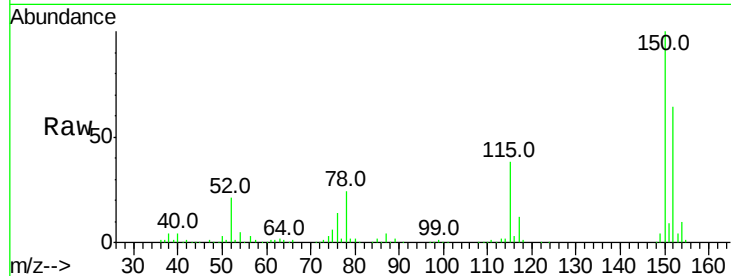


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.92 min Scan# 821
Delta R.T. -0.01 min
Lab File: BF098906.D
Acq: 28 Sep 2017 14:09

Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-G7-G8-G9-G10

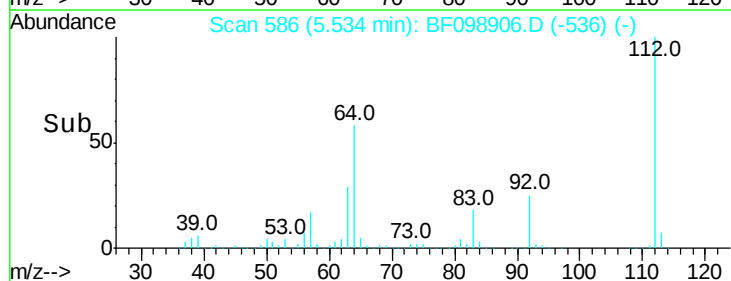
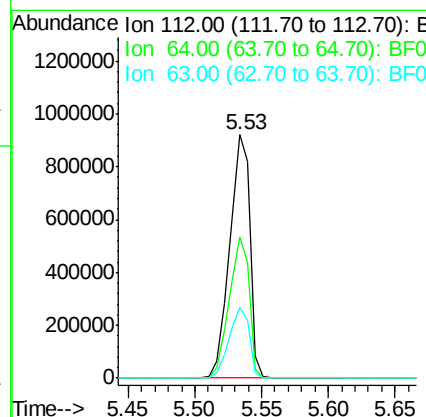
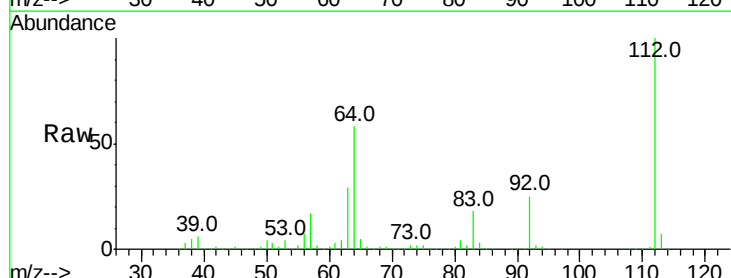
Tot Ion:152 Resp: 129668
Ion Ratio Lower Upper
152 100
150 156.2 124.6 186.8
115 59.5 50.1 75.1

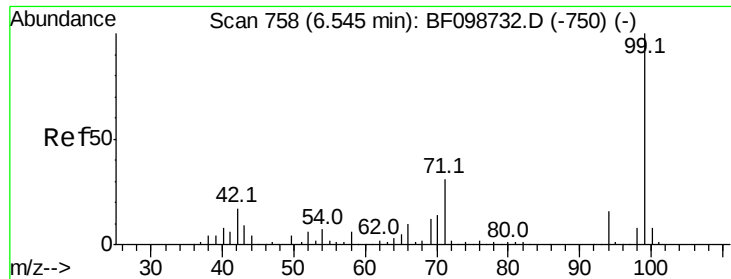


#5

2-Fluorophenol
Concen: 121.106 ng
RT: 5.53 min Scan# 586
Delta R.T. -0.01 min
Lab File: BF098906.D
Acq: 28 Sep 2017 14:09

Tgt Ion:112 Resp: 986465
Ion Ratio Lower Upper
112 100
64 58.1 47.9 71.9
63 29.1 23.7 35.5





#7

Phenol-d6

Concen: 121.839 ng

RT: 6.54 min Scan# 757

Delta R.T. -0.01 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

Instrument :

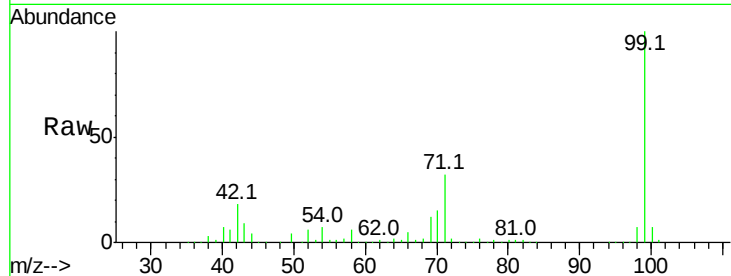
BNA_F

ClientSampleId :

FK-BPM-01-G7-G8-G9-G10

Tot Ion: 99 Resp: 1224284

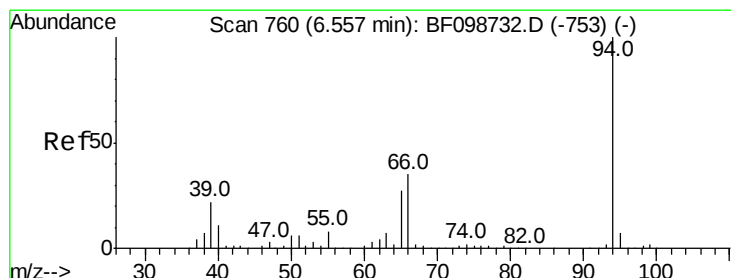
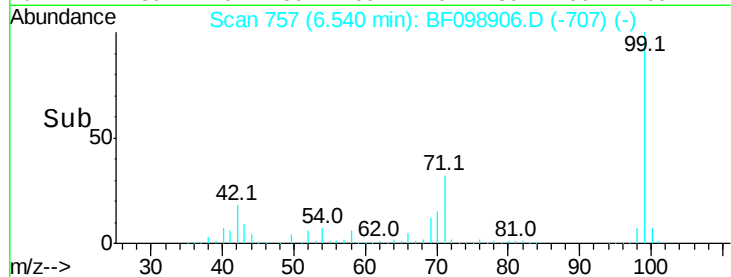
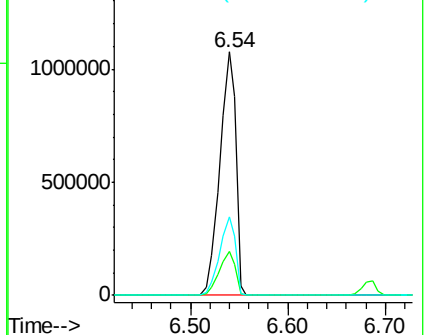
Ion	Ratio	Lower	Upper
99	100		
42	18.1	14.5	21.7
71	32.4	25.4	38.0



Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



#10

Phenol

Concen: 2.240 ng

RT: 6.55 min Scan# 759

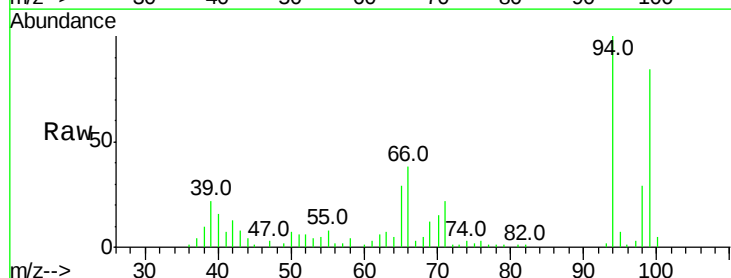
Delta R.T. -0.01 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

Tgt Ion: 94 Resp: 25171

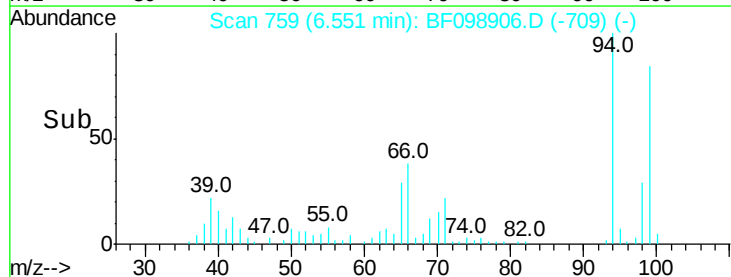
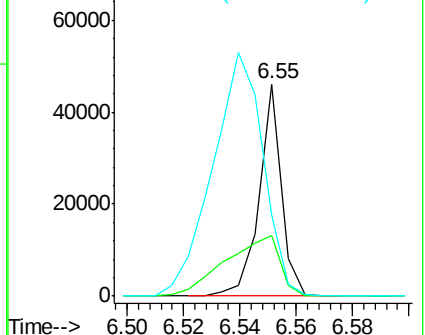
Ion	Ratio	Lower	Upper
94	100		
65	28.9	7.9	47.9
66	38.2	16.2	56.2

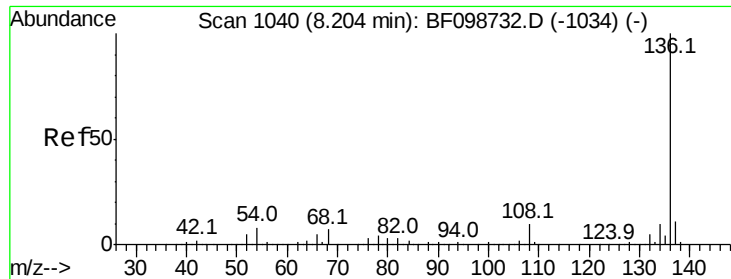


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

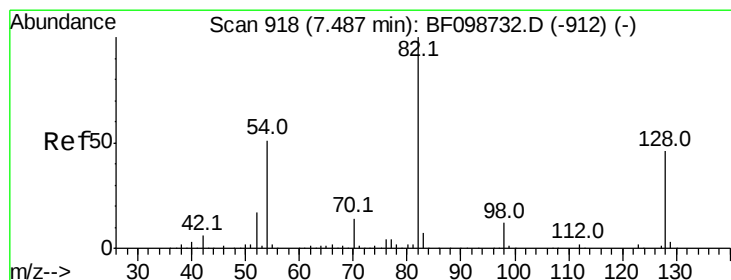
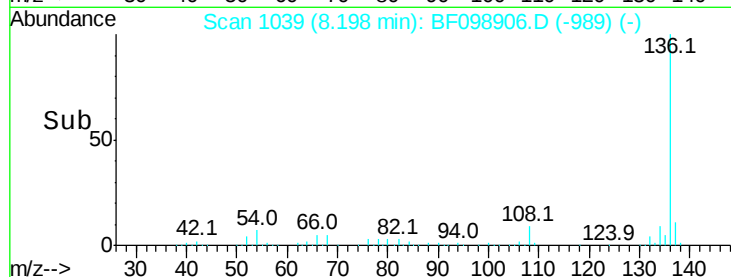
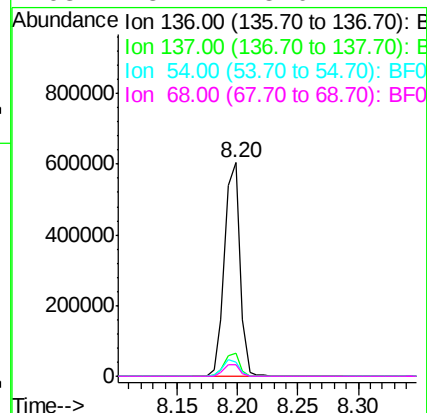
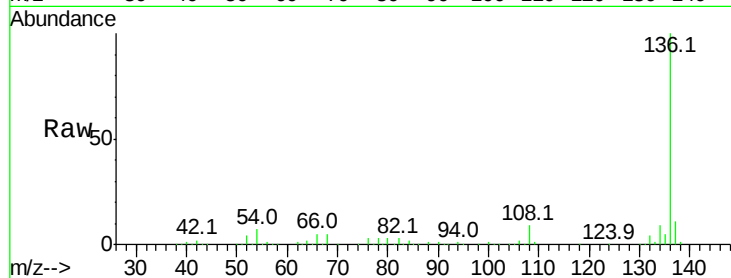




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF098906.D
Acq: 28 Sep 2017 14:09

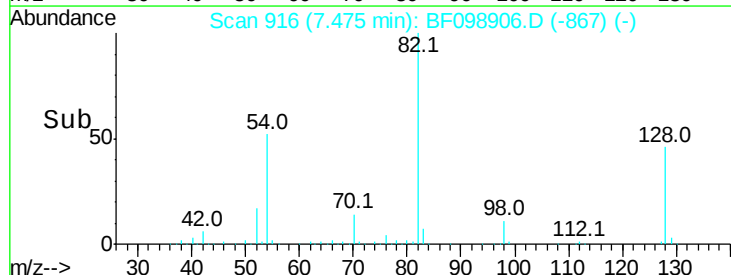
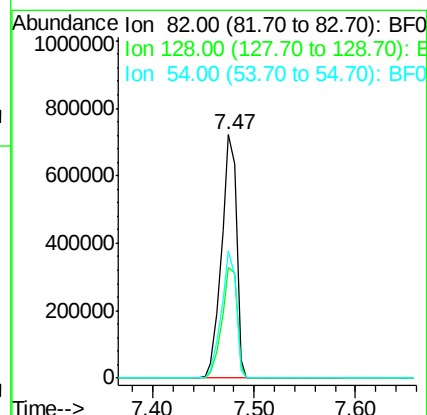
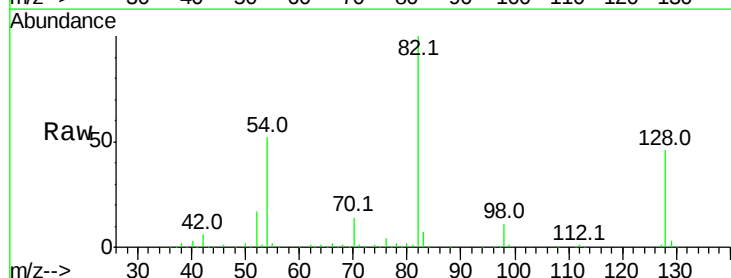
Instrument :
BNA_F
ClientSampleId :
FK-BPM-01-G7-G8-G9-G10

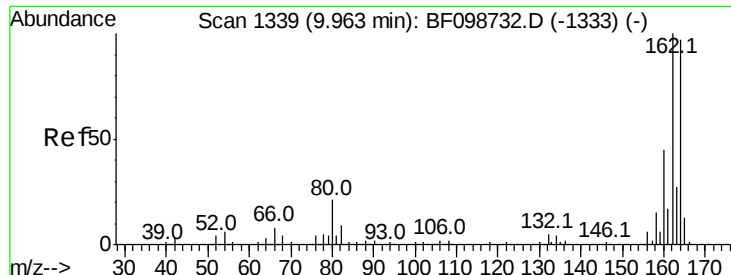
Tot Ion:136	Resp:	532333
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	6.8	6.6 9.8
68	5.4	5.0 7.4



#23
Nitrobenzene-d5
Concen: 89.287 ng
RT: 7.47 min Scan# 916
Delta R.T. -0.01 min
Lab File: BF098906.D
Acq: 28 Sep 2017 14:09

Tgt Ion: 82	Resp:	741154
Ion Ratio	Lower	Upper
82	100	
128	45.6	36.1 54.1
54	52.3	41.4 62.2





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.95 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-G7-G8-G9-G10

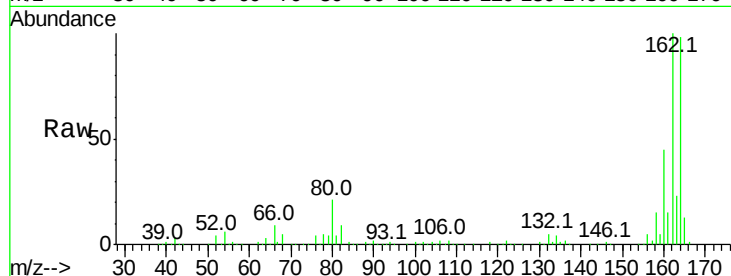
Tot Ion:164 Resp: 240606

Ion Ratio Lower Upper

164 100

162 102.3 86.1 129.1

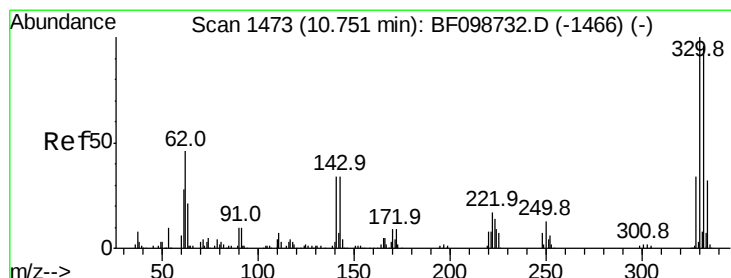
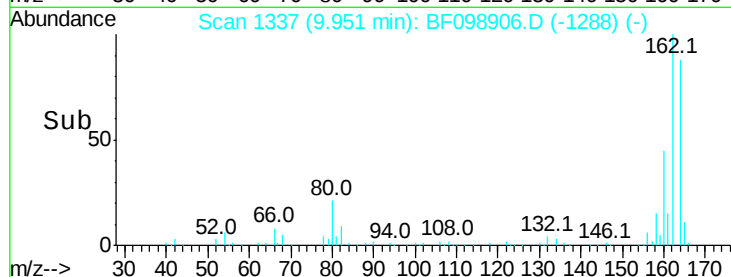
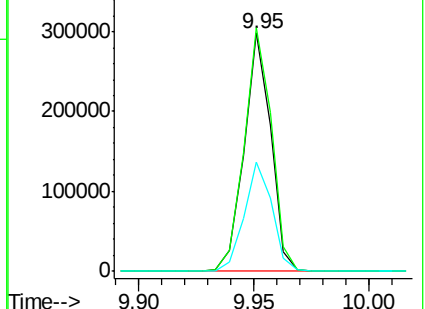
160 45.7 38.3 57.5



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: 126.529 ng

RT: 10.75 min Scan# 1472

Delta R.T. -0.01 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

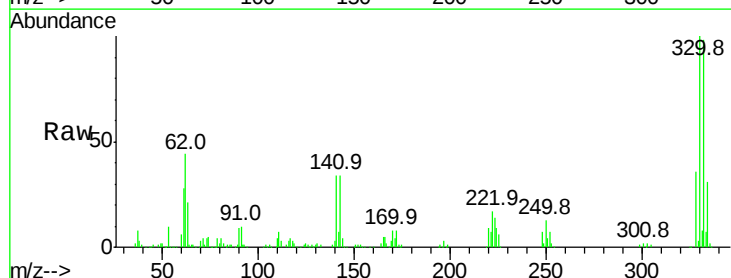
Tgt Ion:330 Resp: 249111

Ion Ratio Lower Upper

330 100

332 97.6 77.0 115.6

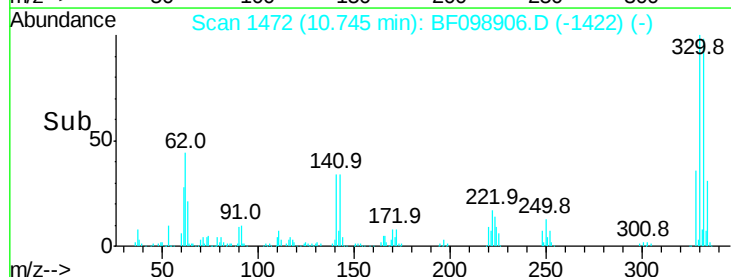
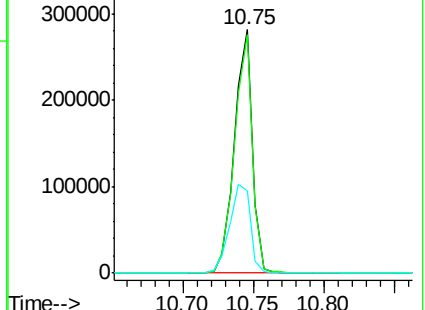
141 42.6 29.9 44.9

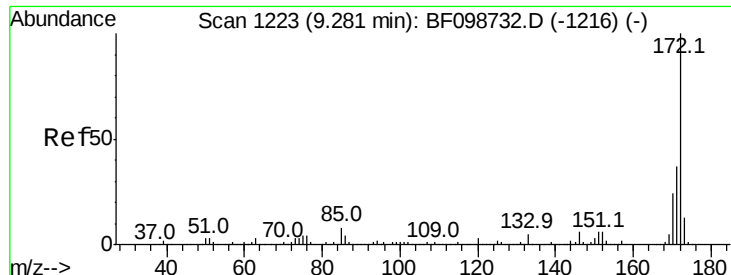


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



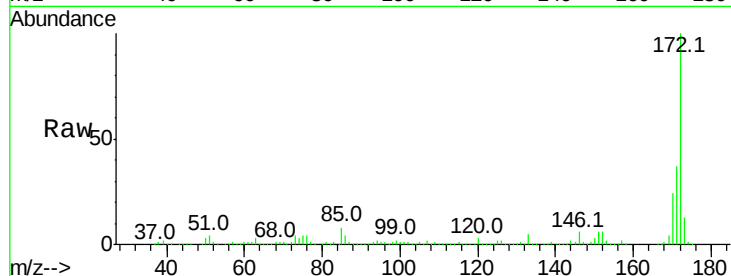


#44
 2-Fluorobiphenyl
 Concen: 85.351 ng
 RT: 9.27 min Scan# 1221
 Delta R.T. -0.01 min
 Lab File: BF098906.D
 Acq: 28 Sep 2017 14:09

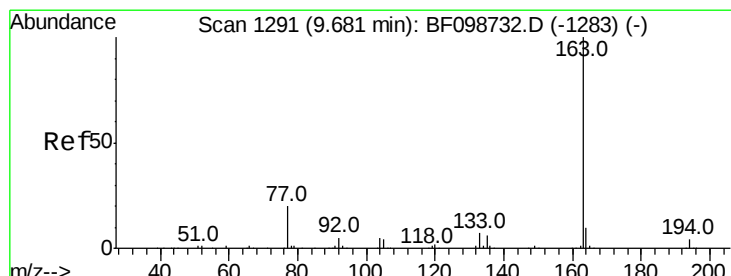
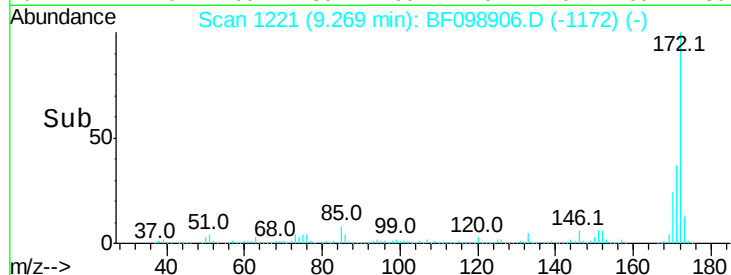
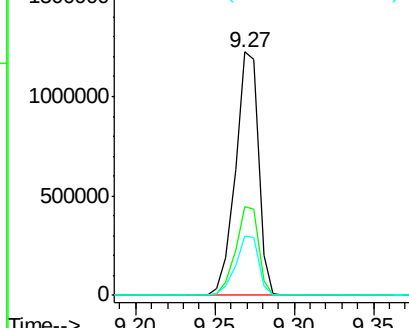
Instrument :
 BNA_F
 ClientSampleId :
 FK-BPM-01-G7-G8-G9-G10

Tot Ion:172 Resp: 1230128

Ion	Ratio	Lower	Upper
172	100		
171	36.5	29.7	44.5
170	24.3	19.6	29.4



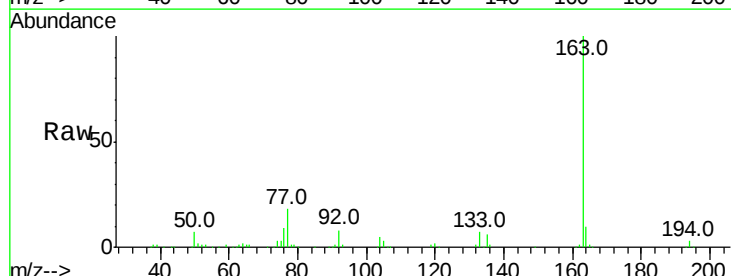
Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E



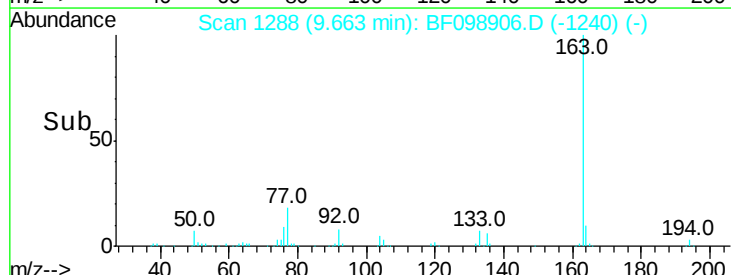
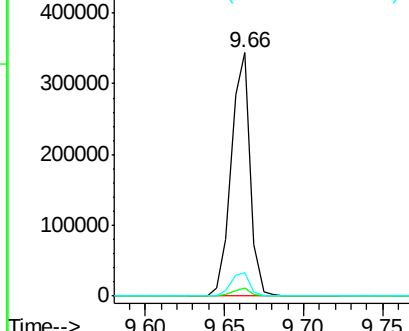
#49
 Dimethylphthalate
 Concen: 15.673 ng
 RT: 9.66 min Scan# 1288
 Delta R.T. -0.02 min
 Lab File: BF098906.D
 Acq: 28 Sep 2017 14:09

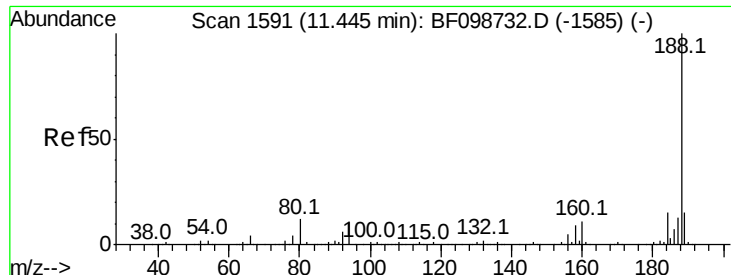
Tgt Ion:163 Resp: 284614

Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.7	4.1
164	9.8	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: 11.44 min Scan# 1590

Delta R.T. -0.01 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-G7-G8-G9-G10

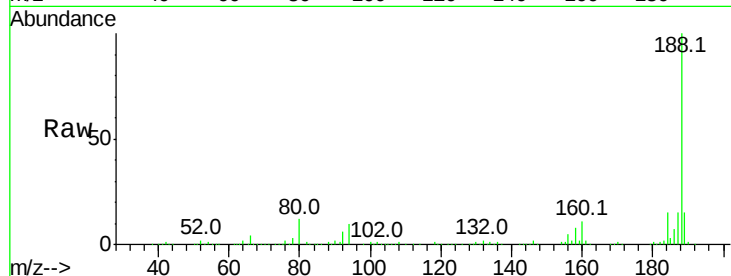
Tot Ion:188 Resp: 424371

Ion Ratio Lower Upper

188 100

94 10.5 8.5 12.7

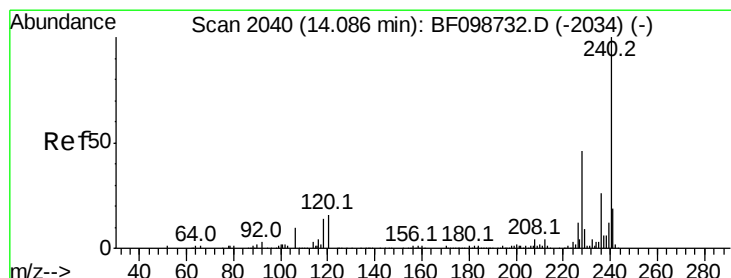
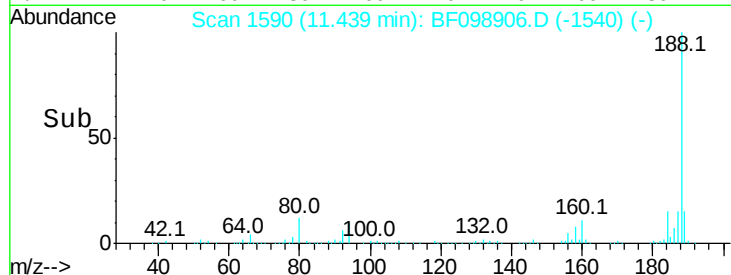
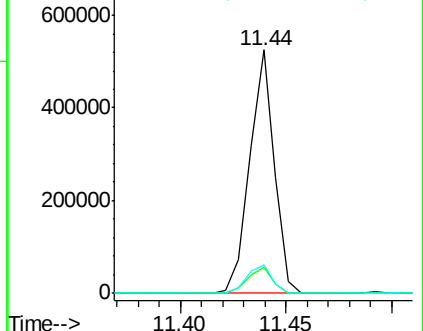
80 11.7 9.2 13.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0



#75

Chrysene-d12

Concen: 20.000 ng

RT: 14.07 min Scan# 2038

Delta R.T. -0.01 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

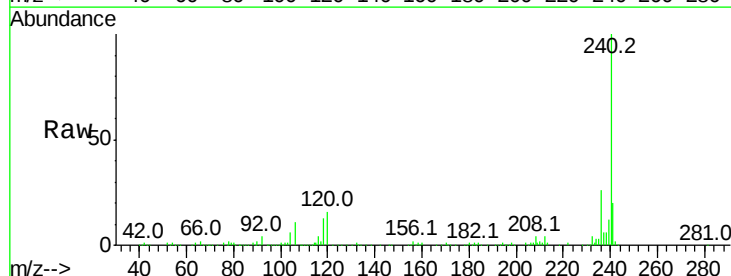
Tgt Ion:240 Resp: 243050

Ion Ratio Lower Upper

240 100

120 15.7 9.5 14.3#

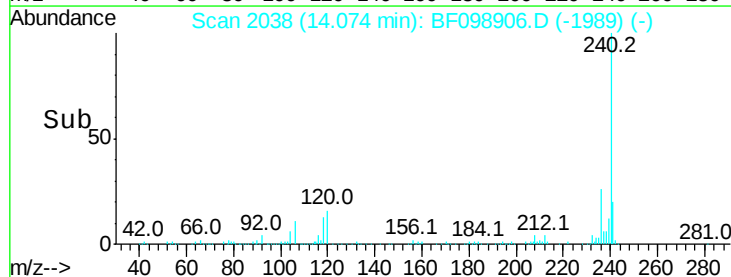
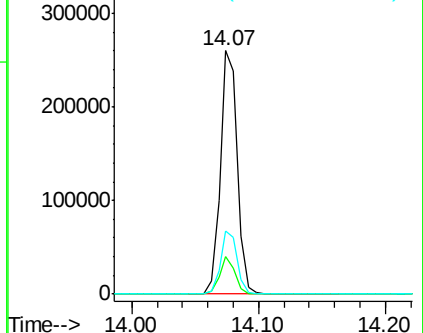
236 26.1 20.7 31.1

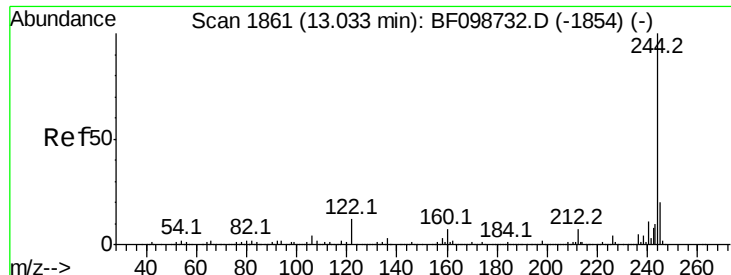


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 97.491 ng

RT: 13.03 min Scan# 1860

Delta R.T. -0.01 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

Instrument :

BNA_F

ClientSampleId :

FK-BPM-01-G7-G8-G9-G10

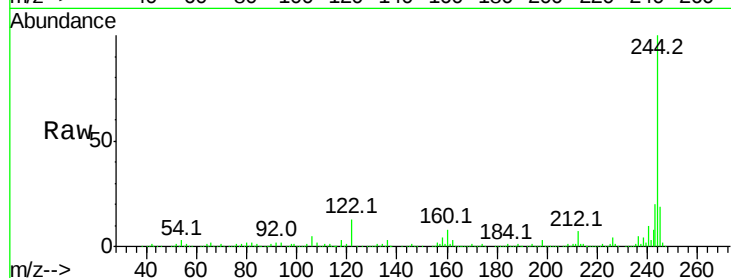
Tot Ion:244 Resp: 1041917

Ion Ratio Lower Upper

244 100

212 7.2 5.4 8.0

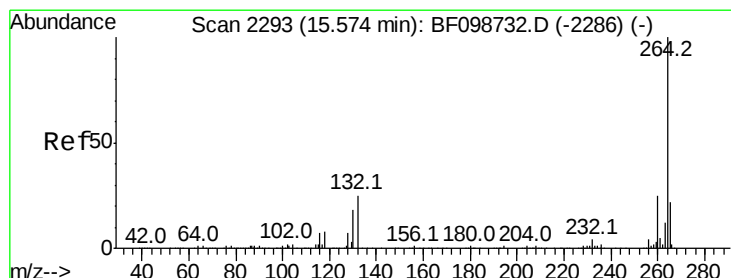
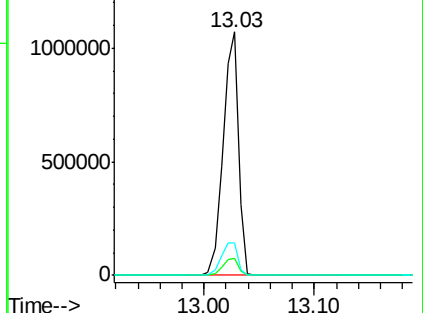
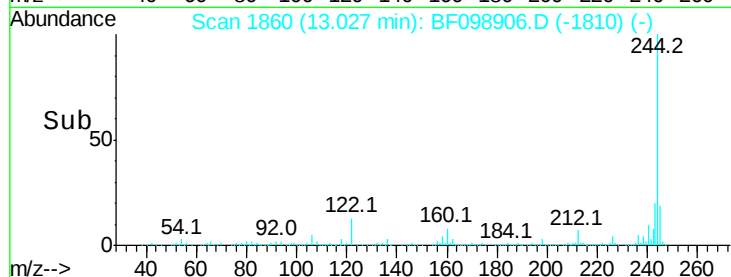
122 13.2 11.0 16.4



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: 15.57 min Scan# 2292

Delta R.T. -0.01 min

Lab File: BF098906.D

Acq: 28 Sep 2017 14:09

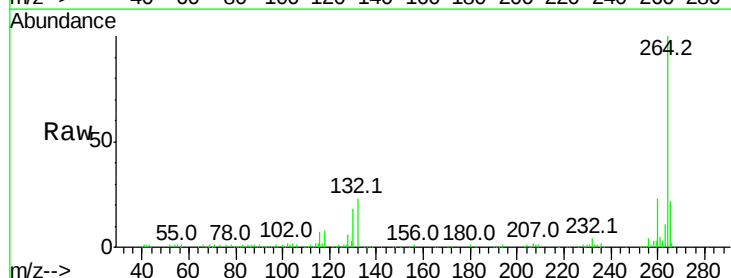
Tgt Ion:264 Resp: 226604

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.7 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

