

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082917\
 Data File : BF098116.D
 Acq On : 29 Aug 2017 17:43
 Operator : SJ/JU
 Sample : I4988-10
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FF4-COMP

Quant Time: Aug 30 04:55:42 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 21 15:59:04 2017
 Response via : Initial Calibration

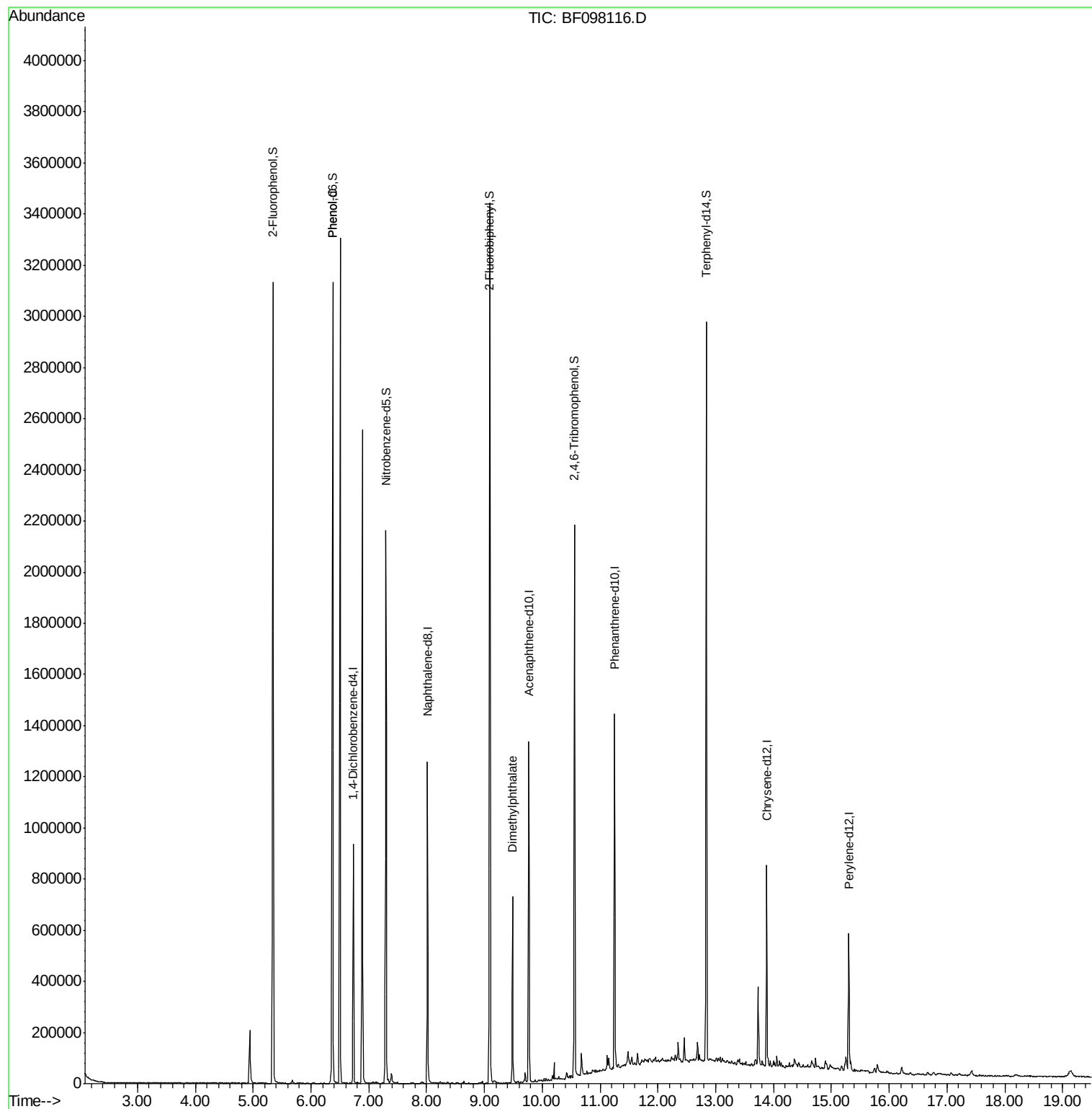
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	131175	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	536863	20.00	ng	-0.02
38) Acenaphthene-d10	9.77	164	246513	20.00	ng	-0.02
63) Phenanthrene-d10	11.25	188	452927	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	261396	20.00	ng	-0.02
86) Perylene-d12	15.30	264	240089	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	1000848	116.06	ng	0.00
7) Phenol-d6	6.37	99	1374292	117.29	ng	-0.01
23) Nitrobenzene-d5	7.30	82	867420	87.77	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	272837	127.56	ng	-0.02
44) 2-Fluorobiphenyl	9.09	172	1227885	73.18	ng	-0.02
78) Terphenyl-d14	12.84	244	920816	73.46	ng	-0.01
Target Compounds						
10) Phenol	6.38	94	38124	2.782	ng	Qvalue # 69
49) Dimethylphthalate	9.49	163	257977	14.317	ng	99

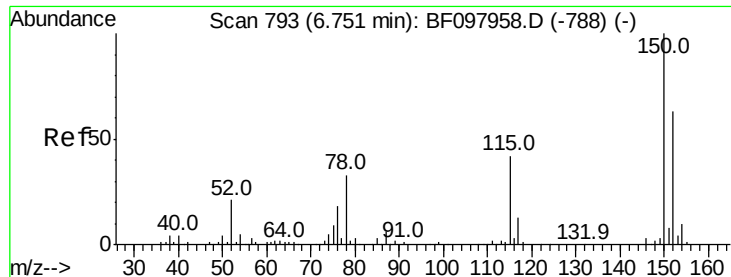
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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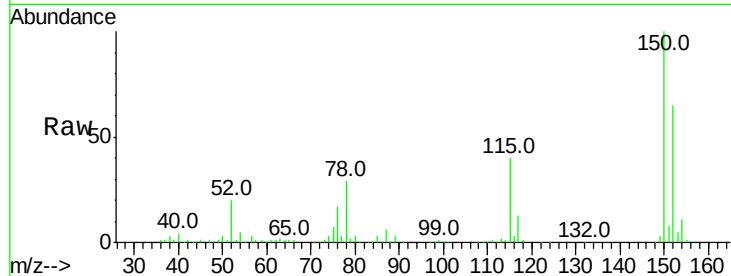


#1

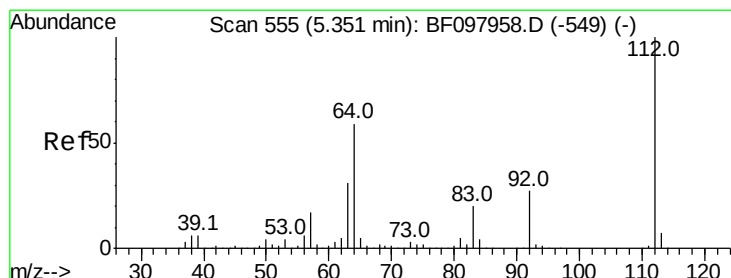
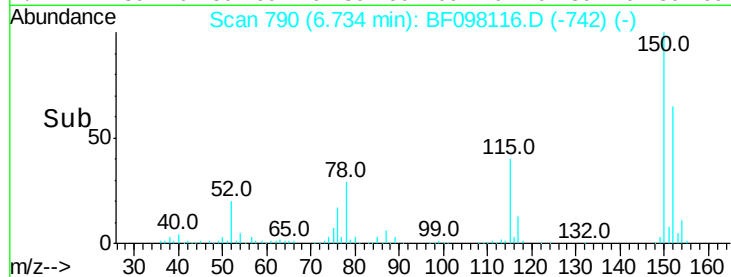
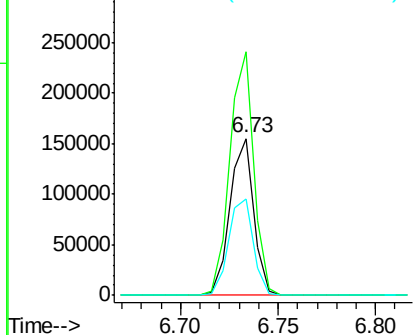
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 790
Delta R.T. -0.02 min
Lab File: BF098116.D
Acq: 29 Aug 2017 17:43

Instrument :
BNA_F
ClientSampleId :
FF4-COMP

Tot Ion:152 Resp: 131175
Ion Ratio Lower Upper
152 100
150 154.9 126.2 189.2
115 61.4 52.2 78.2



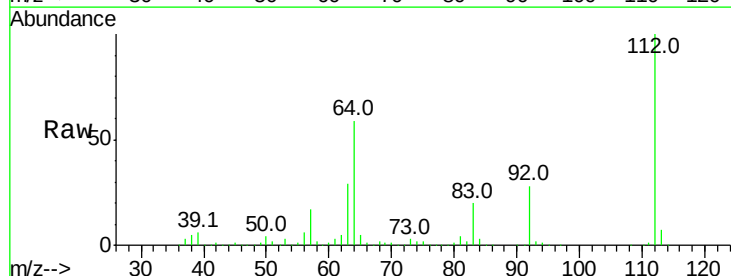
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



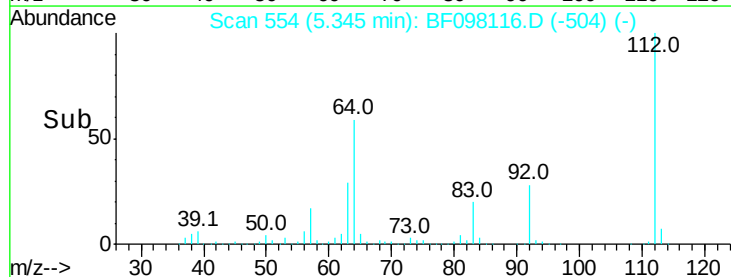
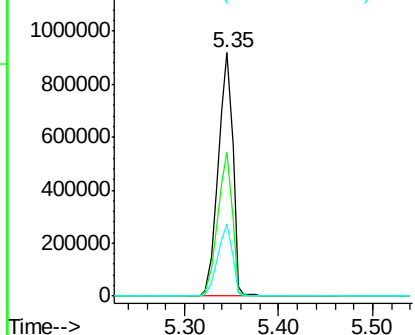
#5

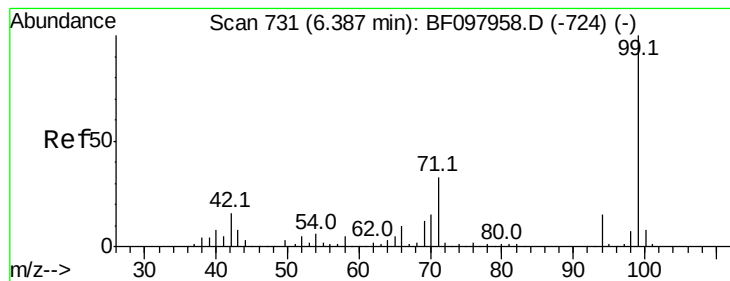
2-Fluorophenol
Concen: 116.056 ng
RT: 5.35 min Scan# 554
Delta R.T. -0.01 min
Lab File: BF098116.D
Acq: 29 Aug 2017 17:43

Tgt Ion:112 Resp: 1000848
Ion Ratio Lower Upper
112 100
64 58.9 46.0 69.0
63 29.5 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 117.287 ng

RT: 6.37 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF098116.D

Acq: 29 Aug 2017 17:43

Instrument :

BNA_F

ClientSampleId :

FF4-COMP

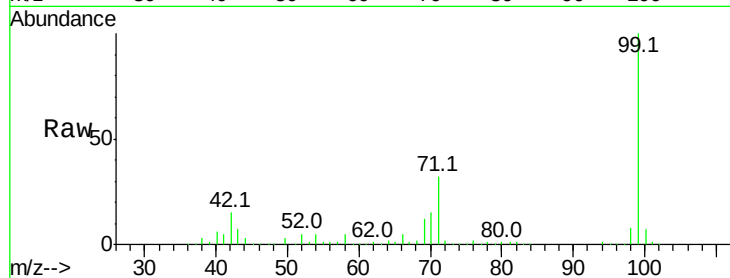
Tot Ion: 99 Resp: 1374292

Ion Ratio Lower Upper

99 100

42 14.9 13.5 20.3

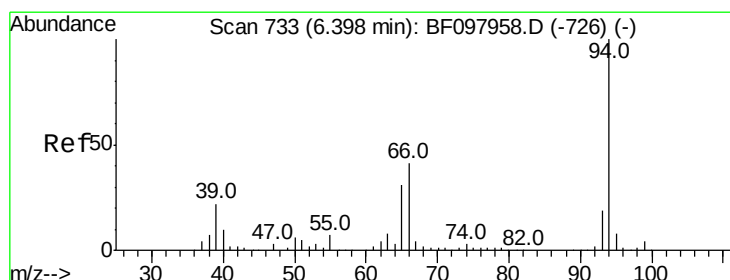
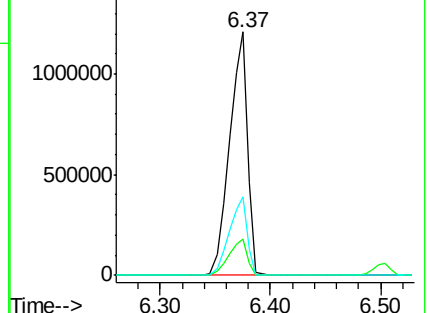
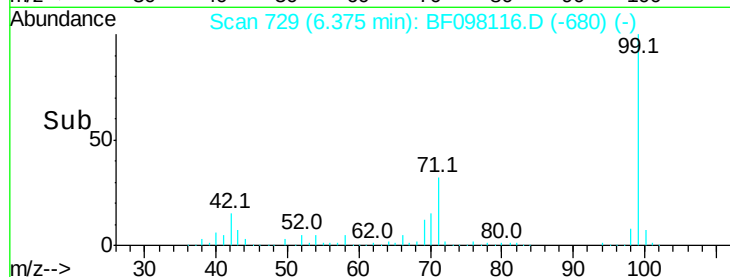
71 32.1 24.5 36.7



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: 2.782 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.02 min

Lab File: BF098116.D

Acq: 29 Aug 2017 17:43

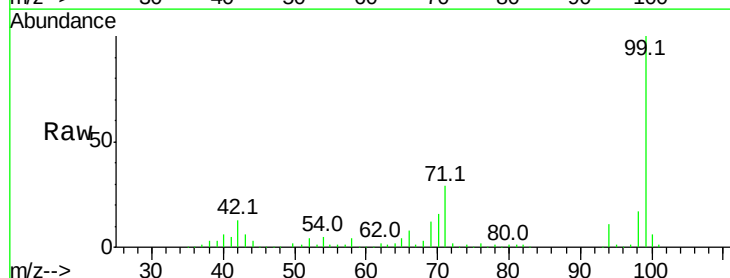
Tgt Ion: 94 Resp: 38124

Ion Ratio Lower Upper

94 100

65 36.3 9.9 49.9

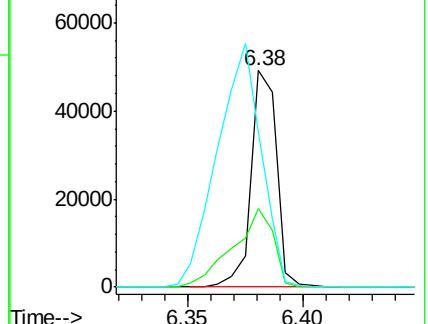
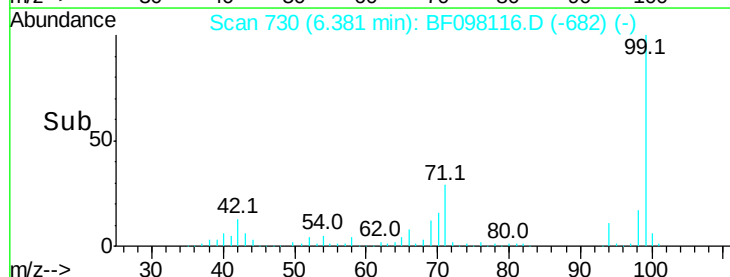
66 72.0 23.1 63.1#

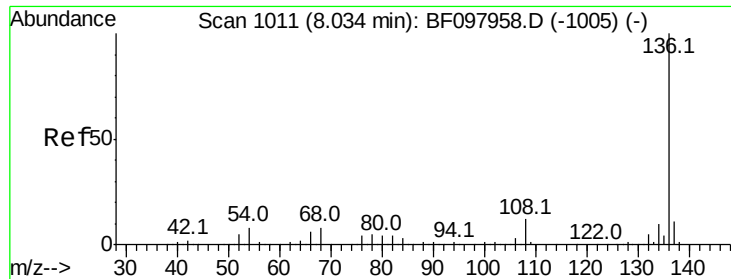


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

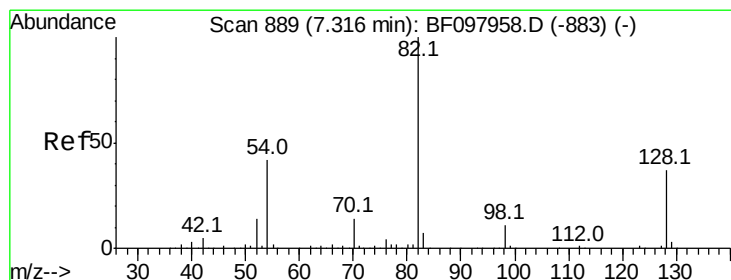
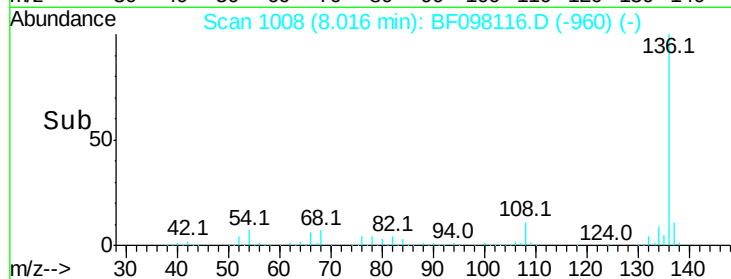
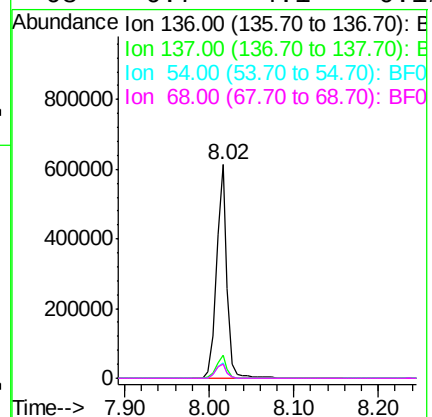
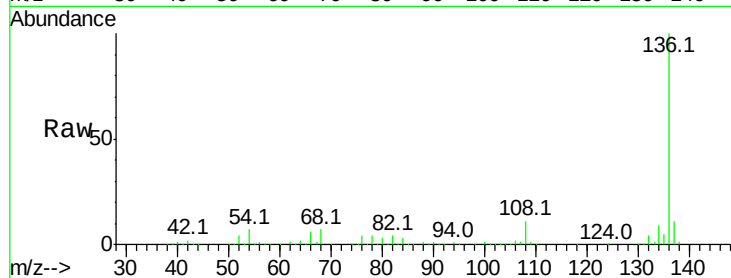




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1008
Delta R.T. -0.02 min
Lab File: BF098116.D
Acq: 29 Aug 2017 17:43

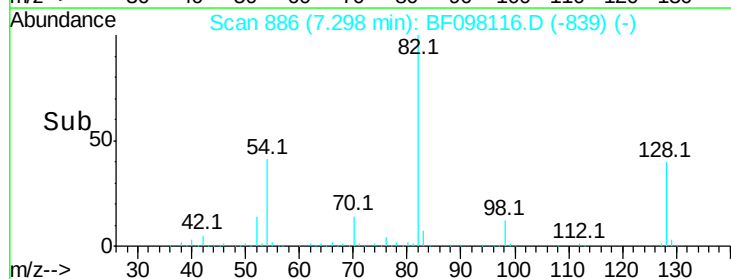
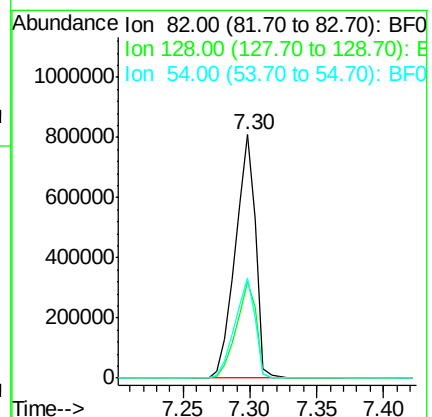
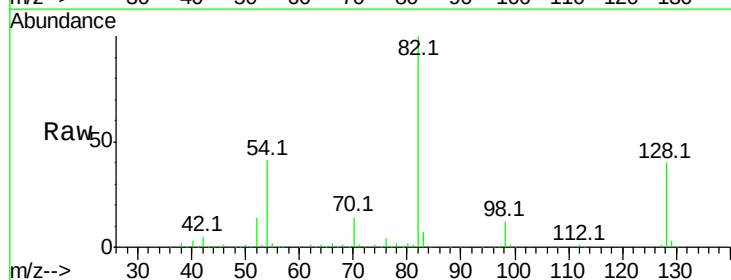
Instrument :
BNA_F
ClientSampleId :
FF4-COMP

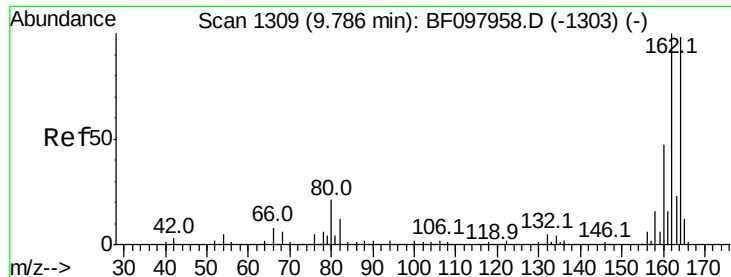
Tot Ion:	136	Resp:	536863
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.5	12.7
54	7.1	4.9	7.3
68	6.7	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 87.773 ng
RT: 7.30 min Scan# 886
Delta R.T. -0.02 min
Lab File: BF098116.D
Acq: 29 Aug 2017 17:43

Tgt Ion:	82	Resp:	867420
Ion	Ratio	Lower	Upper
82	100		
128	39.5	34.0	51.0
54	41.4	42.2	63.2#

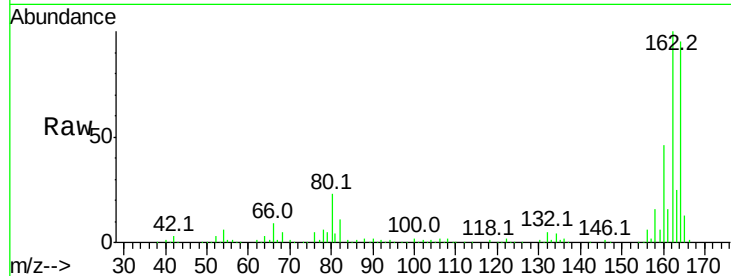




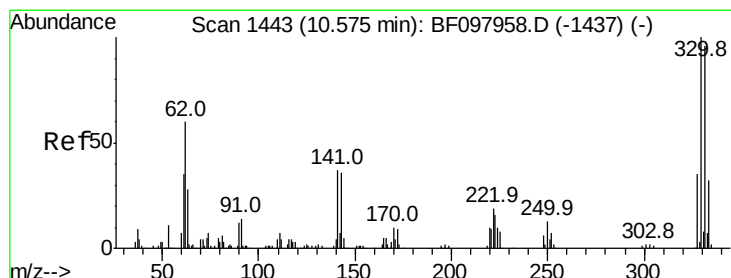
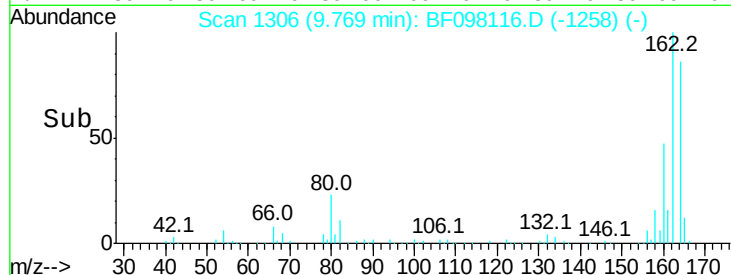
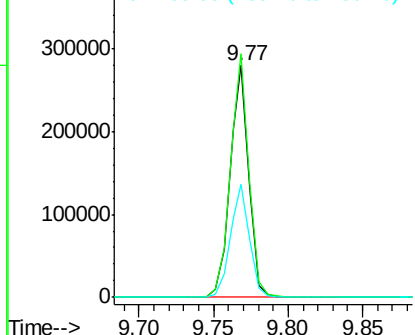
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.02 min
Lab File: BF098116.D
Acq: 29 Aug 2017 17:43

Instrument :
BNA_F
ClientSampleId :
FF4-COMP

Tot Ion:164 Resp: 246513
Ion Ratio Lower Upper
164 100
162 105.2 82.6 123.8
160 48.9 36.2 54.2

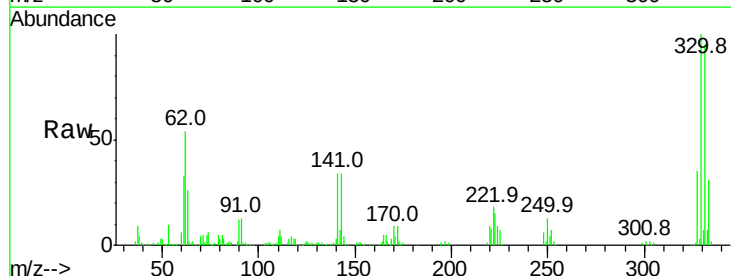


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

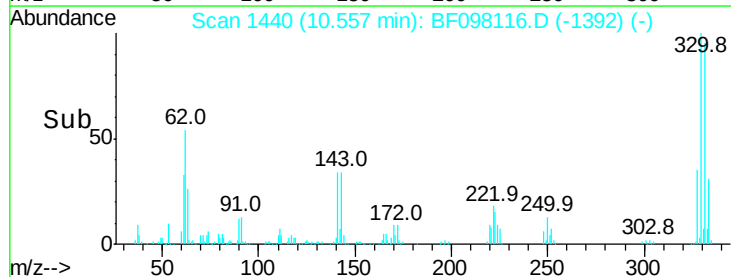
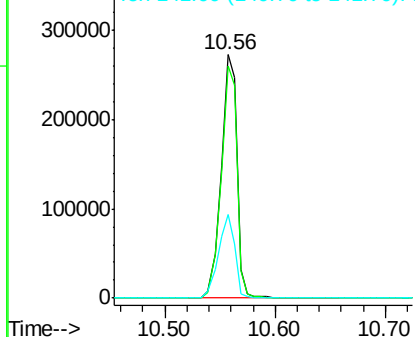


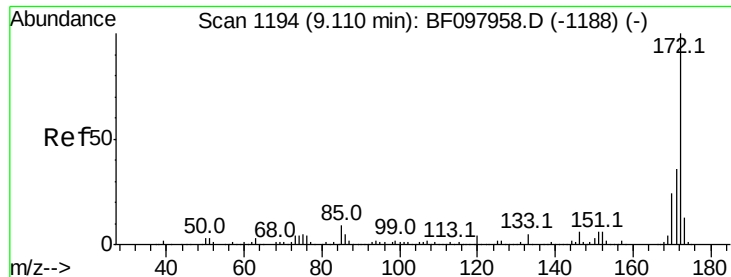
#41
2,4,6-Tribromophenol
Concen: 127.559 ng
RT: 10.56 min Scan# 1440
Delta R.T. -0.02 min
Lab File: BF098116.D
Acq: 29 Aug 2017 17:43

Tgt Ion:330 Resp: 272837
Ion Ratio Lower Upper
330 100
332 96.2 76.6 115.0
141 35.4 31.4 47.2



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

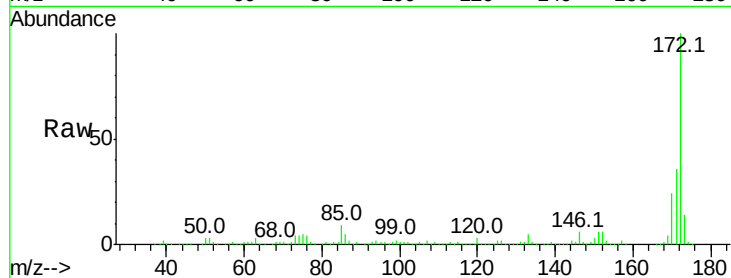




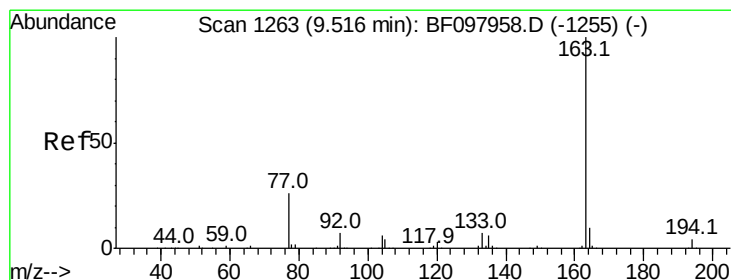
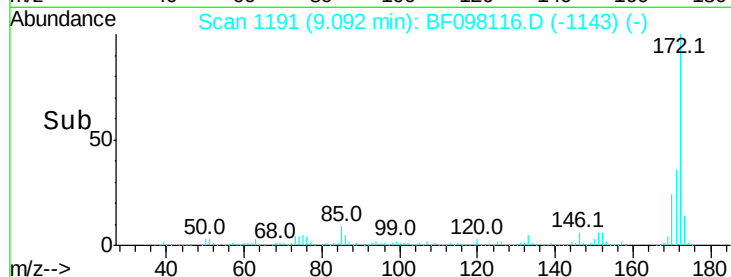
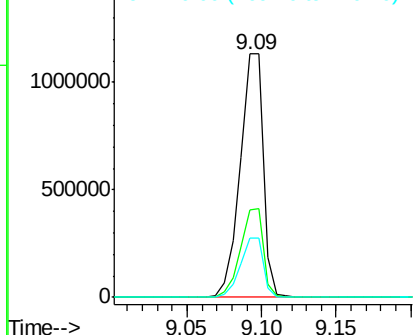
#44
2-Fluorobiphenyl
Concen: 73.181 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.02 min
Lab File: BF098116.D
Acq: 29 Aug 2017 17:43

Instrument :
BNA_F
ClientSampleId :
FF4-COMP

Tot Ion:172 Resp: 1227885
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.5 19.8 29.8

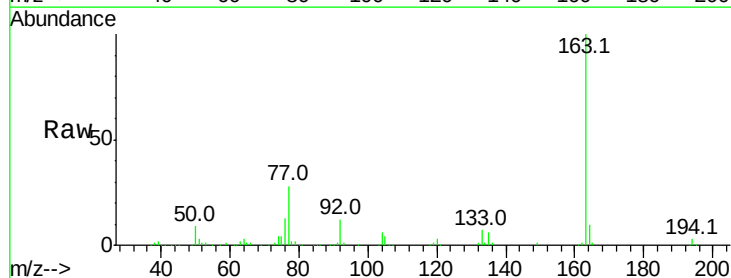


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

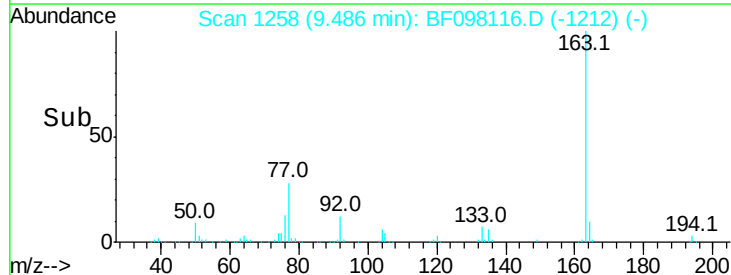
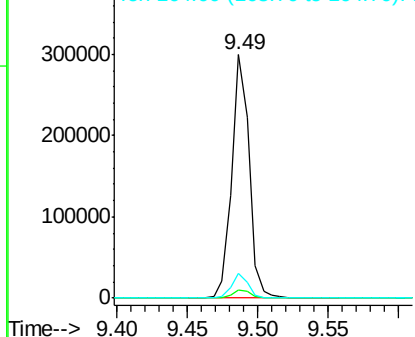


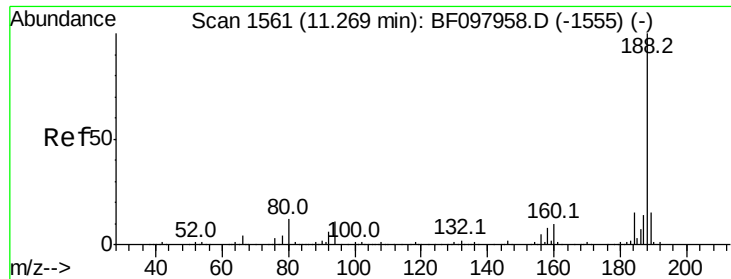
#49
Dimethylphthalate
Concen: 14.317 ng
RT: 9.49 min Scan# 1258
Delta R.T. -0.03 min
Lab File: BF098116.D
Acq: 29 Aug 2017 17:43

Tgt Ion:163 Resp: 257977
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 10.2 8.4 12.6



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

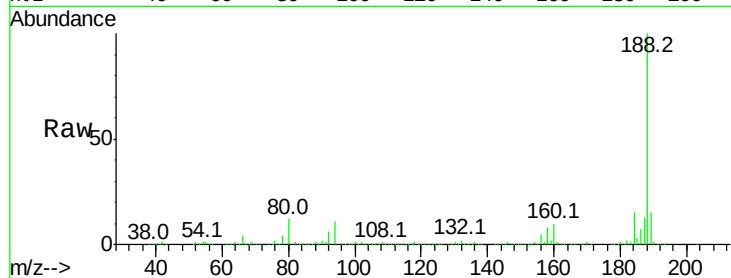




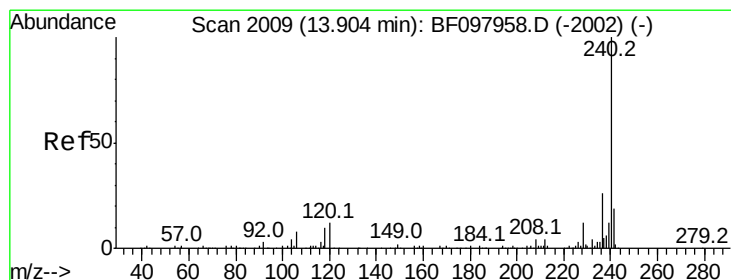
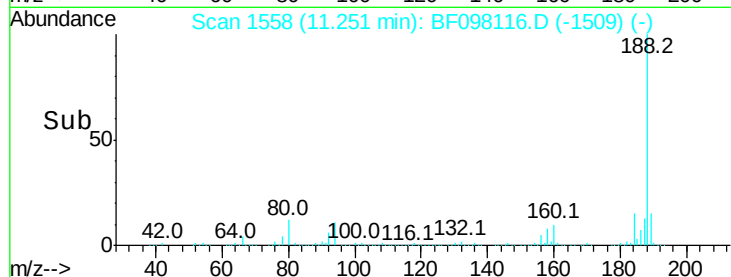
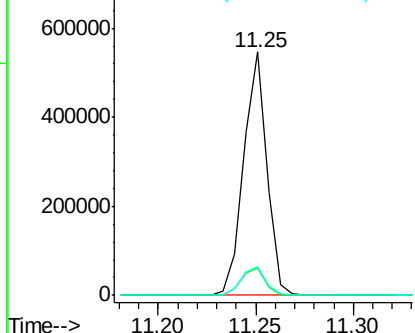
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF098116.D
Acq: 29 Aug 2017 17:43

Instrument :
BNA_F
ClientSampleId :
FF4-COMP

Tot Ion:188 Resp: 452927
Ion Ratio Lower Upper
188 100
94 11.3 9.4 14.2
80 12.0 10.2 15.2

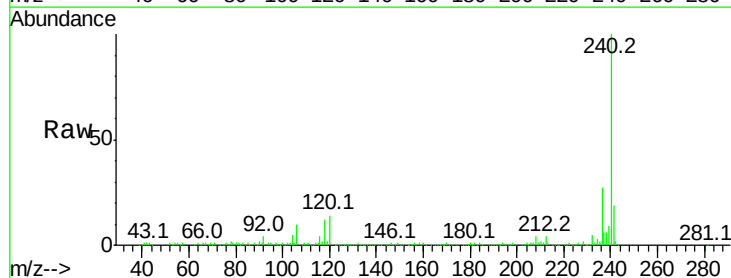


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

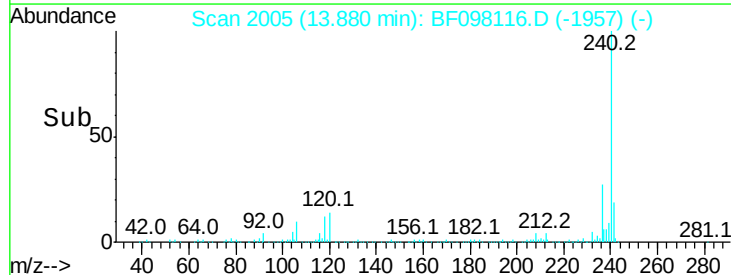
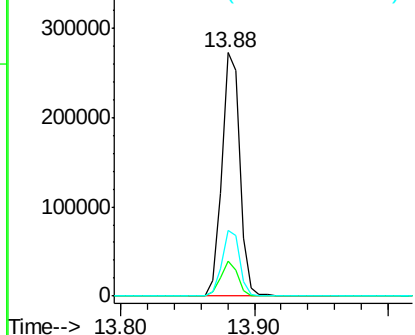


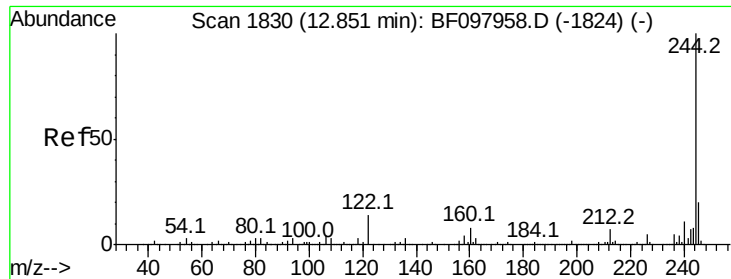
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.88 min Scan# 2005
Delta R.T. -0.02 min
Lab File: BF098116.D
Acq: 29 Aug 2017 17:43

Tgt Ion:240 Resp: 261396
Ion Ratio Lower Upper
240 100
120 14.3 5.8 8.8#
236 26.7 20.5 30.7



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: 73.460 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098116.D

Acq: 29 Aug 2017 17:43

Instrument :

BNA_F

ClientSampleId :

FF4-COMP

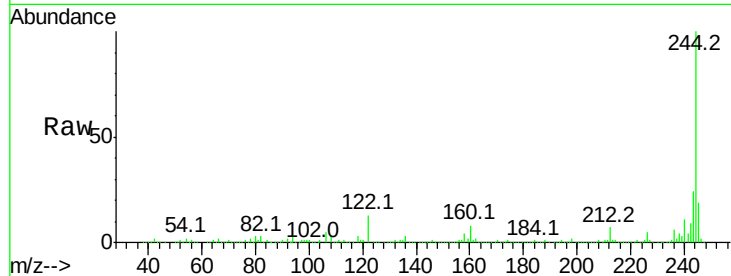
Tot Ion:244 Resp: 920816

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

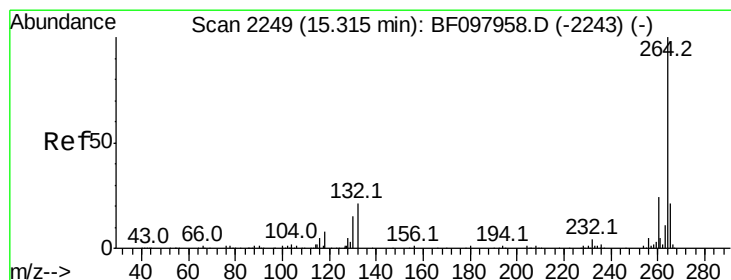
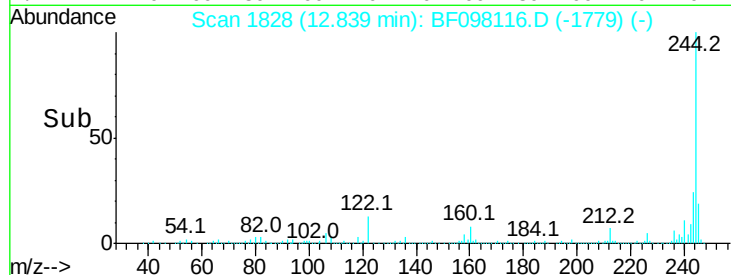
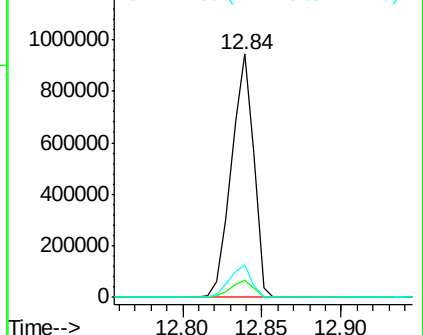
122 13.2 10.3 15.5



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: 15.30 min Scan# 2247

Delta R.T. -0.01 min

Lab File: BF098116.D

Acq: 29 Aug 2017 17:43

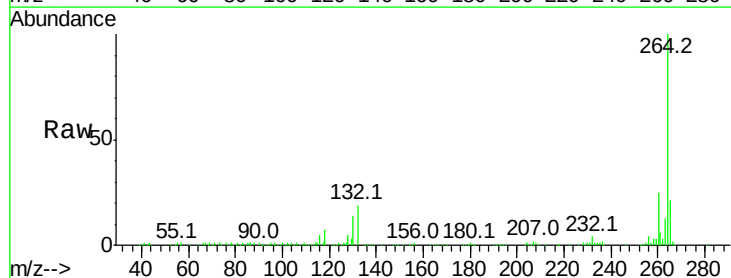
Tgt Ion:264 Resp: 240089

Ion Ratio Lower Upper

264 100

260 25.1 19.5 29.3

265 20.6 17.2 25.8



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

