

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
 Data File : BF098104.D
 Acq On : 29 Aug 2017 9:21
 Operator : SJ/JU
 Sample : I4961-14
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Quant Time: Aug 29 13:33:38 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

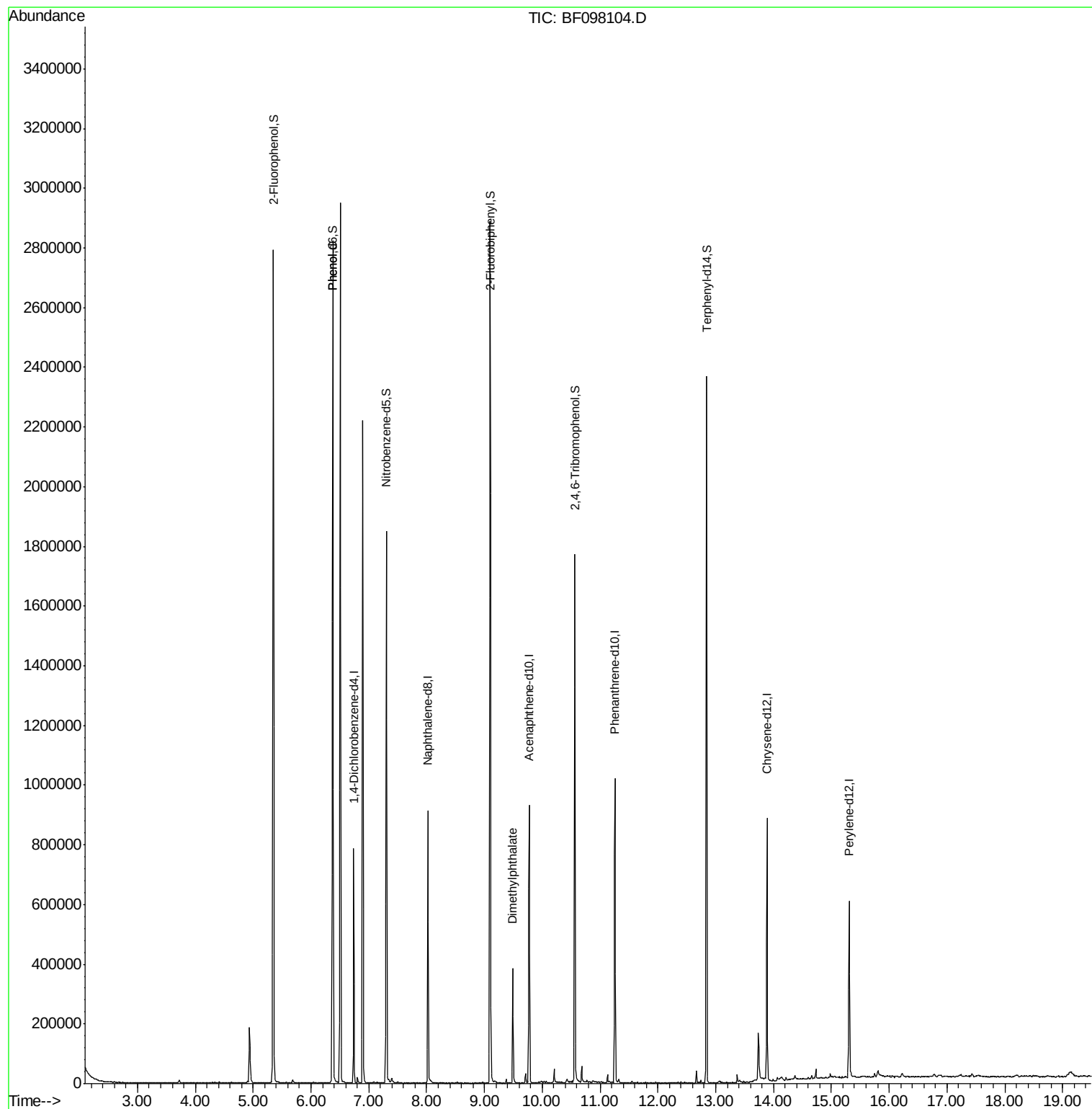
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	99569	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	390207	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	172210	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	334876	20.00	ng	0.00
75) Chrysene-d12	13.89	240	281188	20.00	ng	-0.01
86) Perylene-d12	15.31	264	262193	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	851601	130.10	ng	0.00
7) Phenol-d6	6.38	99	1147698	129.04	ng	0.00
23) Nitrobenzene-d5	7.30	82	699195	97.34	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	203338	136.08	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	890335	75.96	ng	-0.01
78) Terphenyl-d14	12.84	244	780476	57.88	ng	0.00
Target Compounds						
10) Phenol	6.39	94	38355	3.687	ng	Qvalue # 75
49) Dimethylphthalate	9.49	163	141232	11.220	ng	99

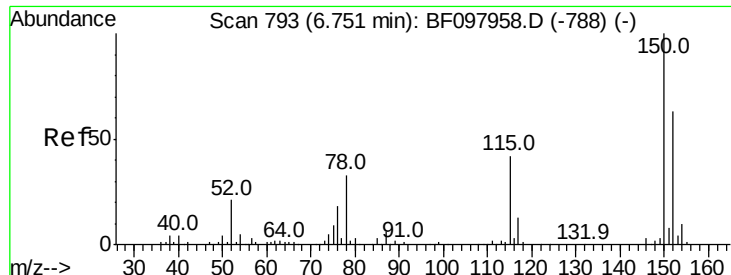
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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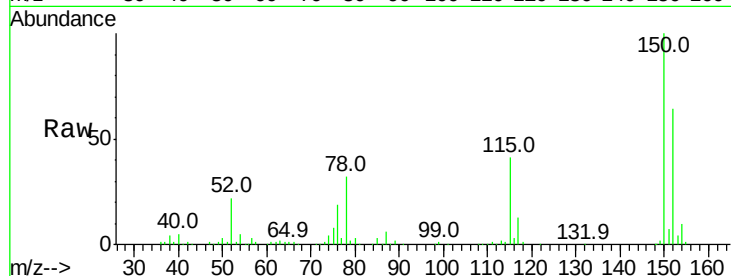


#1

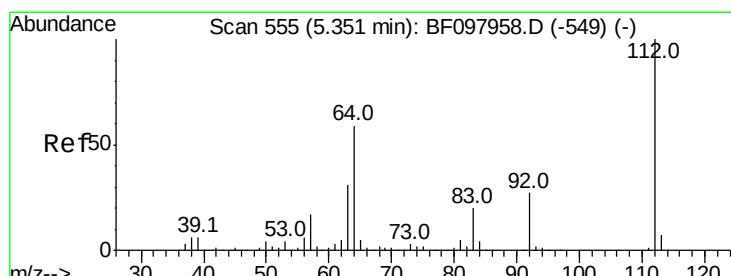
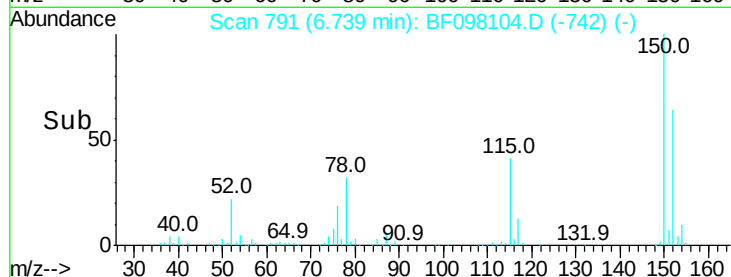
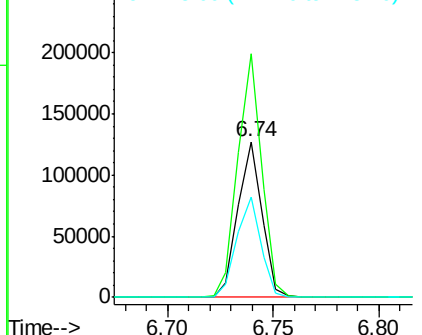
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF098104.D
Acq: 29 Aug 2017 9:21

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tot Ion:152 Resp: 99569
Ion Ratio Lower Upper
152 100
150 156.8 126.2 189.2
115 64.6 52.2 78.2



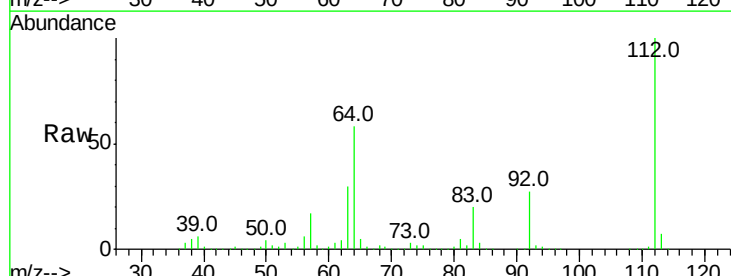
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



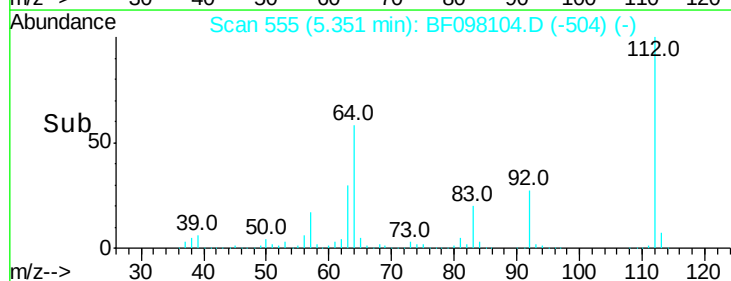
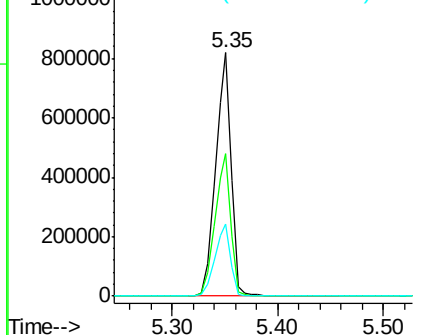
#5

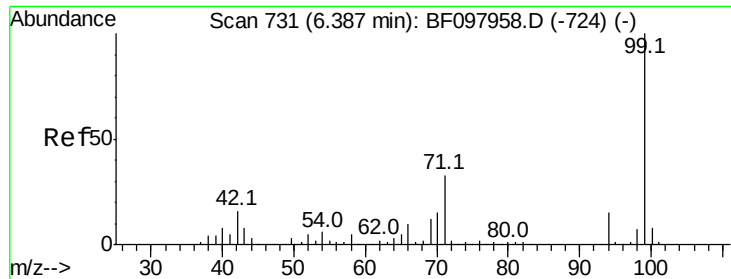
2-Fluorophenol
Concen: 130.096 ng
RT: 5.35 min Scan# 555
Delta R.T. 0.00 min
Lab File: BF098104.D
Acq: 29 Aug 2017 9:21

Tgt Ion:112 Resp: 851601
Ion Ratio Lower Upper
112 100
64 58.4 46.0 69.0
63 29.9 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: 129.040 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098104.D

Acq: 29 Aug 2017 9:21

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

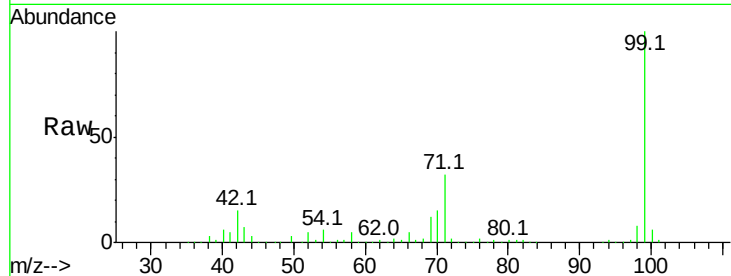
Tot Ion: 99 Resp: 1147698

Ion Ratio Lower Upper

99 100

42 14.8 13.5 20.3

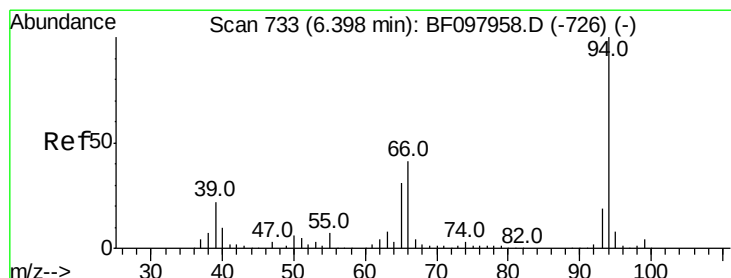
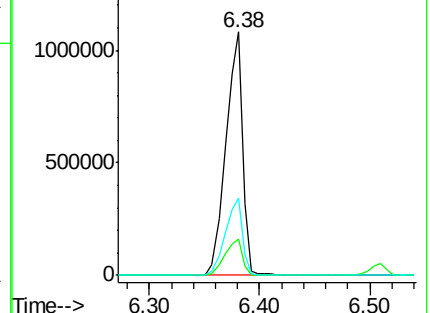
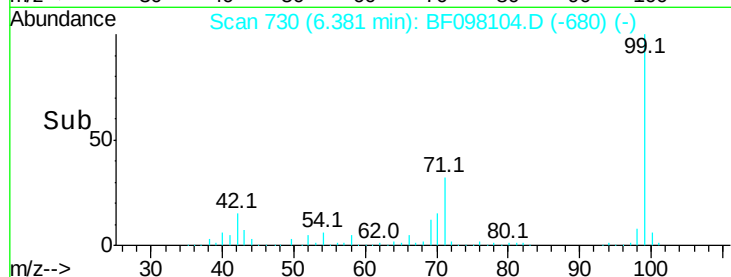
71 31.9 24.5 36.7



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: 3.687 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF098104.D

Acq: 29 Aug 2017 9:21

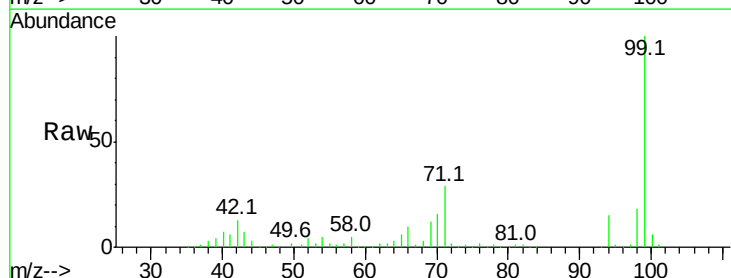
Tgt Ion: 94 Resp: 38355

Ion Ratio Lower Upper

94 100

65 36.9 9.9 49.9

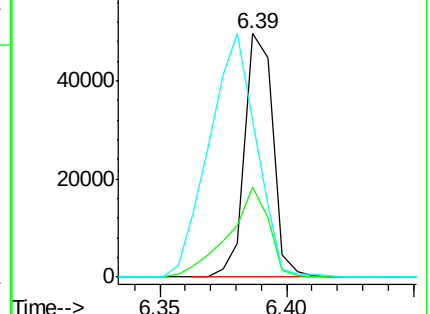
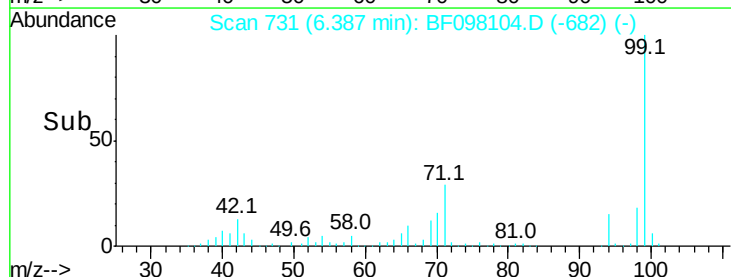
66 64.5 23.1 63.1#

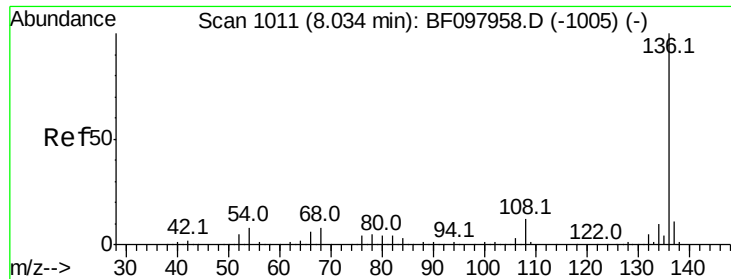


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

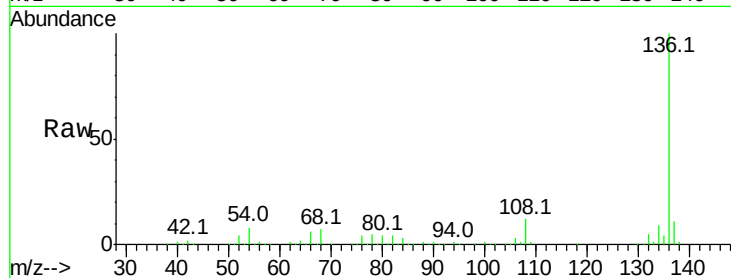




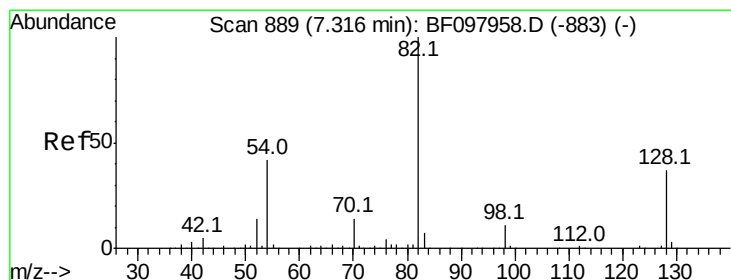
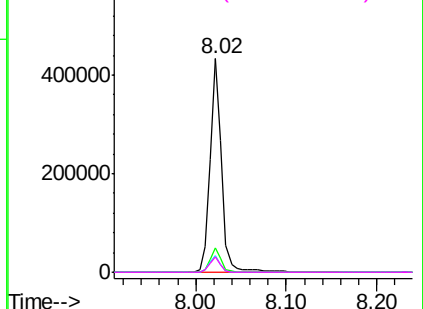
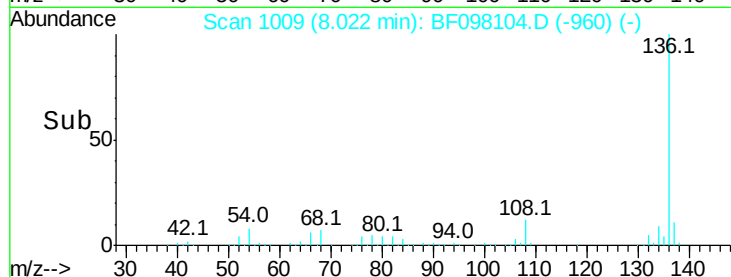
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.02 min Scan# 1009
Delta R.T. -0.01 min
Lab File: BF098104.D
Acq: 29 Aug 2017 9:21

Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

Tot Ion:	136	Resp:	390207
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.5	12.7
54	8.0	4.9	7.3#
68	7.1	4.1	6.1#

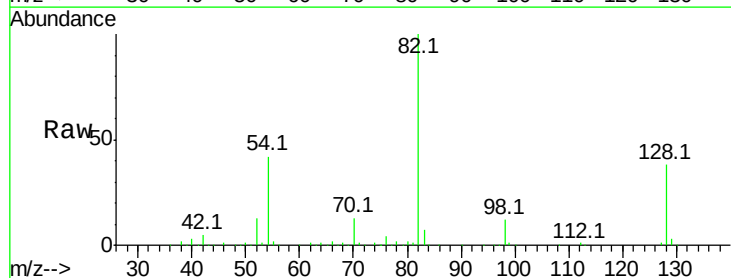


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

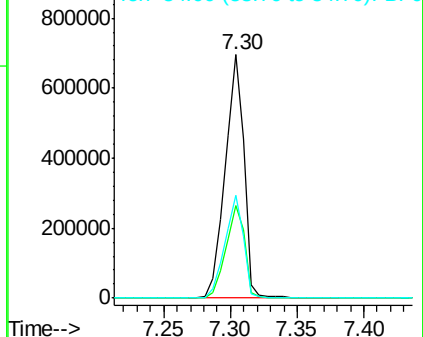
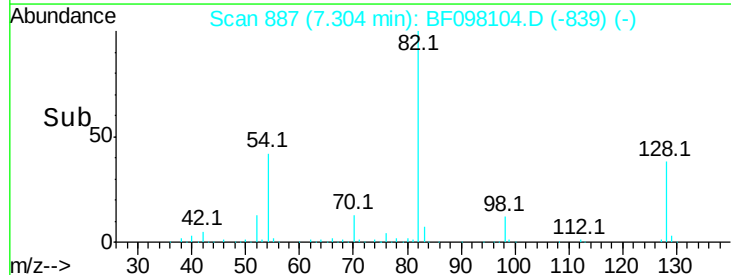


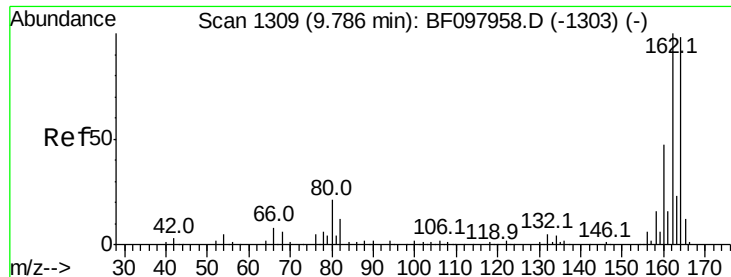
#23
Nitrobenzene-d5
Concen: 97.342 ng
RT: 7.30 min Scan# 887
Delta R.T. -0.02 min
Lab File: BF098104.D
Acq: 29 Aug 2017 9:21

Tgt Ion:	82	Resp:	699195
Ion	Ratio	Lower	Upper
82	100		
128	38.3	34.0	51.0
54	42.2	42.2	63.2



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0

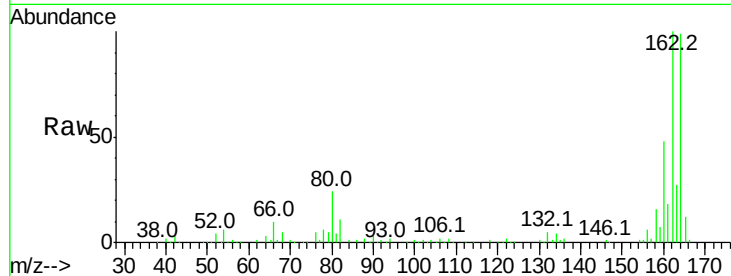




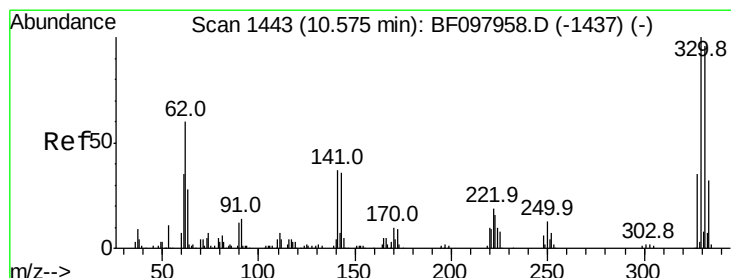
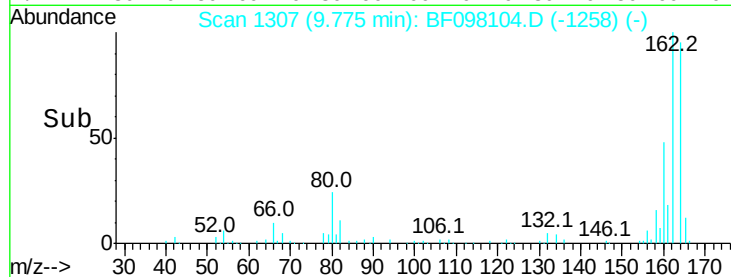
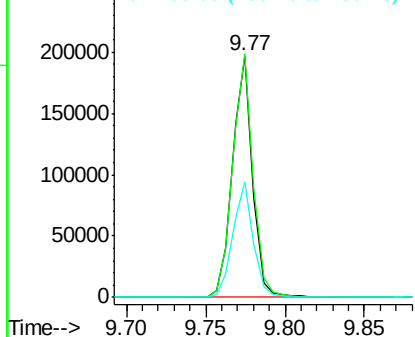
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098104.D
 Acq: 29 Aug 2017 9:21

Instrument :
 BNA_F
 ClientSampleId :
 SB-04-COMP

Tot Ion:164 Resp: 172210
 Ion Ratio Lower Upper
 164 100
 162 100.8 82.6 123.8
 160 48.1 36.2 54.2

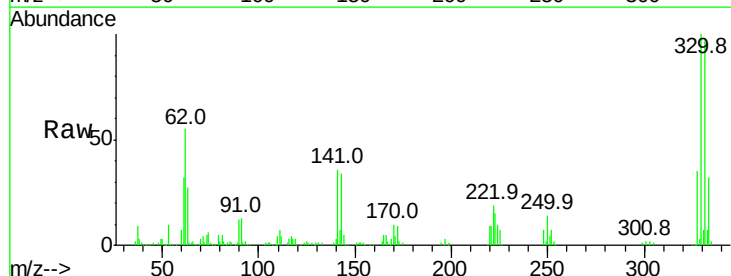


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

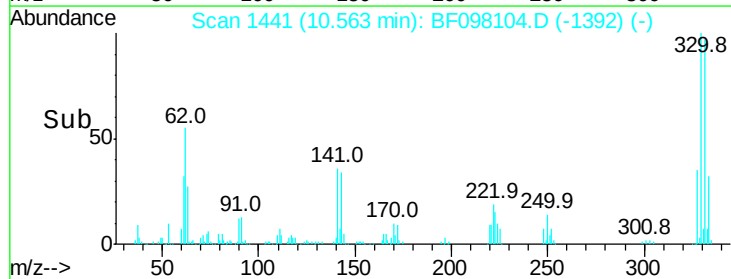
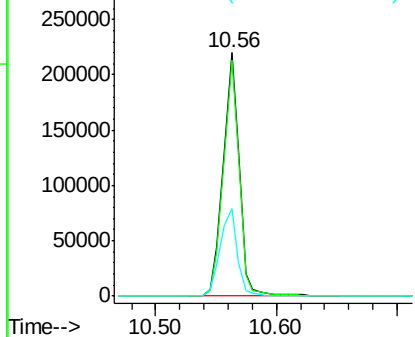


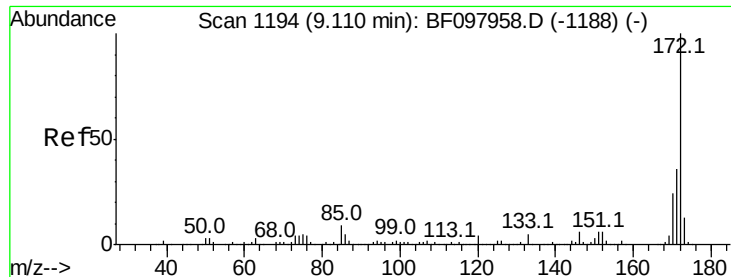
#41
 2,4,6-Tribromophenol
 Concen: 136.085 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098104.D
 Acq: 29 Aug 2017 9:21

Tgt Ion:330 Resp: 203338
 Ion Ratio Lower Upper
 330 100
 332 96.2 76.6 115.0
 141 38.5 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

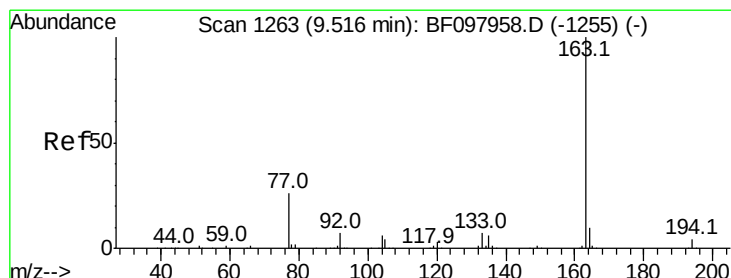
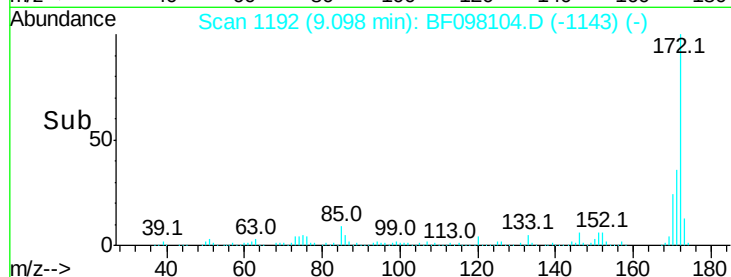
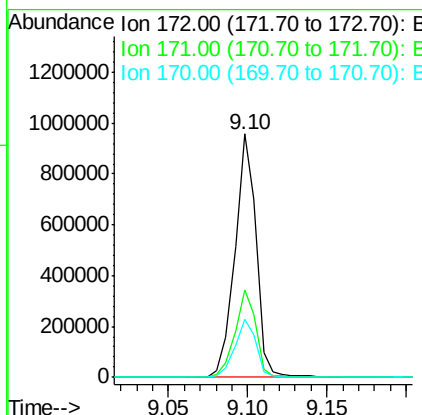
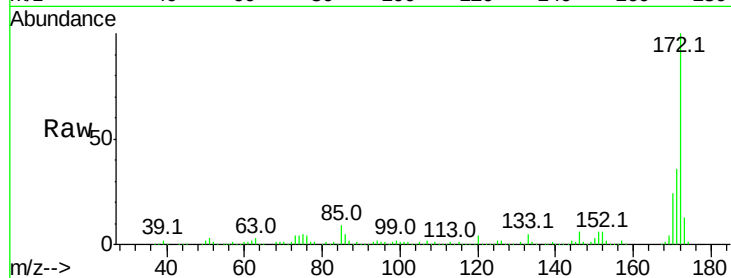




#44
2-Fluorobiphenyl
Concen: 75.959 ng
RT: 9.10 min Scan# 1192
Delta R.T. -0.01 min
Lab File: BF098104.D
Acq: 29 Aug 2017 9:21

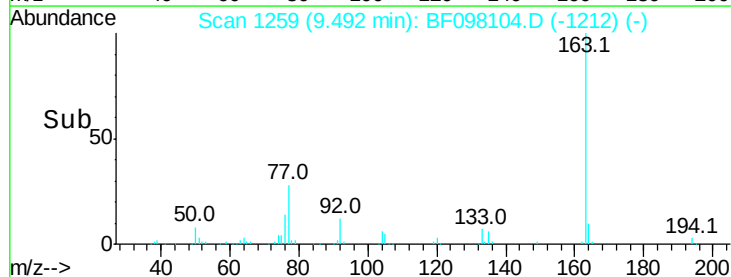
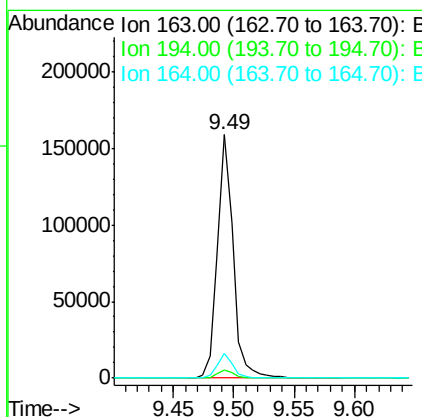
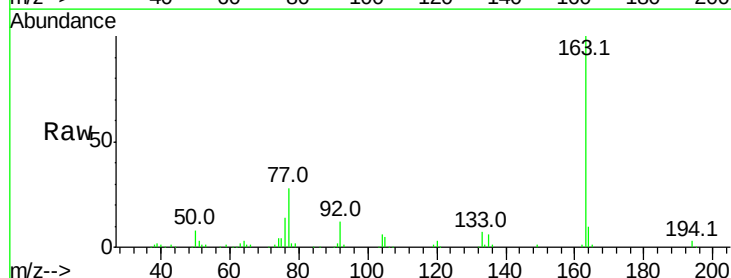
Instrument :
BNA_F
ClientSampleId :
SB-04-COMP

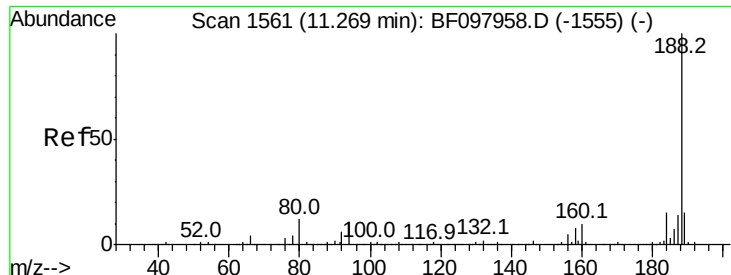
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.6	44.4
170	24.1	19.8	29.8



#49
Dimethylphthalate
Concen: 11.220 ng
RT: 9.49 min Scan# 1259
Delta R.T. -0.02 min
Lab File: BF098104.D
Acq: 29 Aug 2017 9:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.4	2.6	4.0
164	10.3	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF098104.D

Acq: 29 Aug 2017 9:21

Instrument :

BNA_F

ClientSampleId :

SB-04-COMP

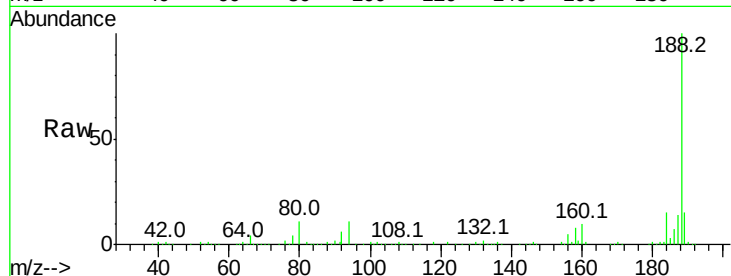
Tot Ion:188 Resp: 334876

Ion Ratio Lower Upper

188 100

94 10.8 9.4 14.2

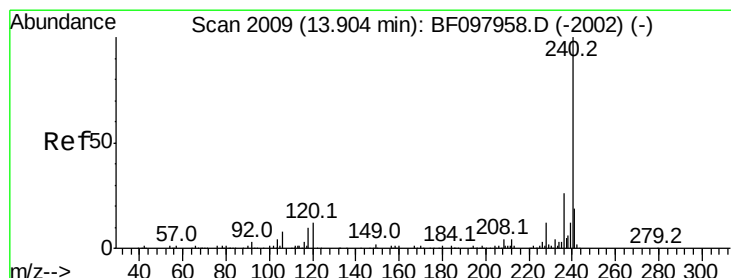
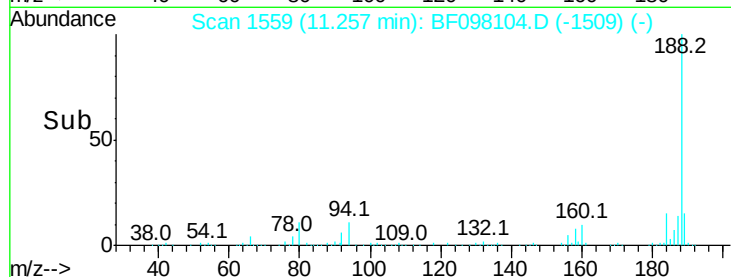
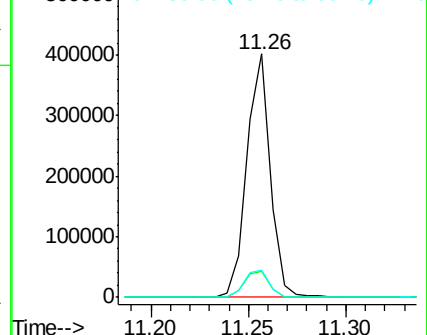
80 11.5 10.2 15.2



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: 13.89 min Scan# 2006

Delta R.T. -0.01 min

Lab File: BF098104.D

Acq: 29 Aug 2017 9:21

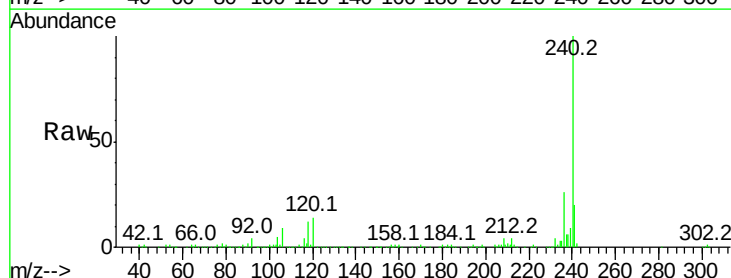
Tgt Ion:240 Resp: 281188

Ion Ratio Lower Upper

240 100

120 13.9 5.8 8.8#

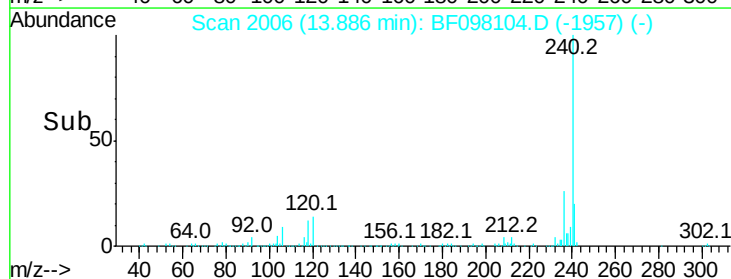
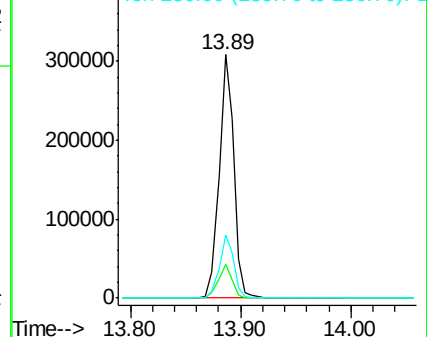
236 26.0 20.5 30.7

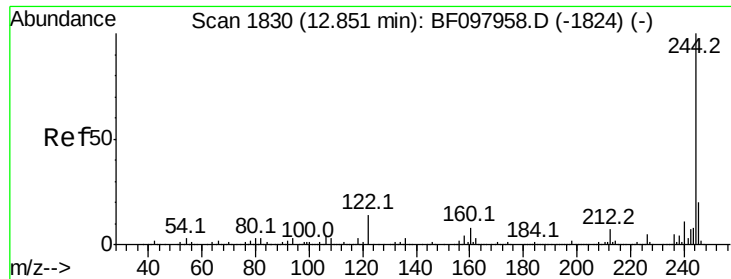


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 57.881 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF098104.D

Acq: 29 Aug 2017 9:21

Instrument :

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SB-04-COMP

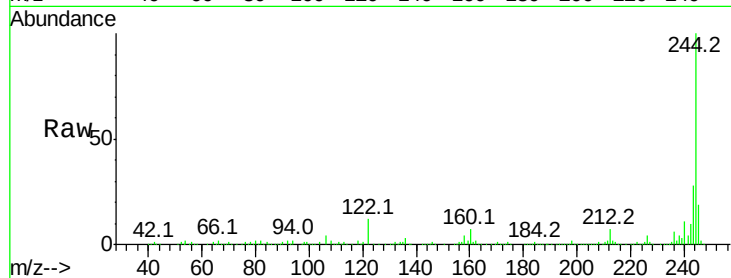
Tot Ion:244 Resp: 780476

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

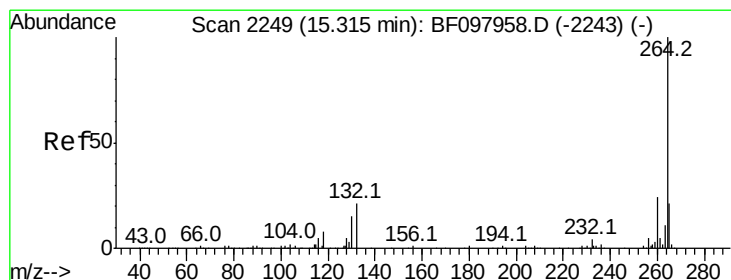
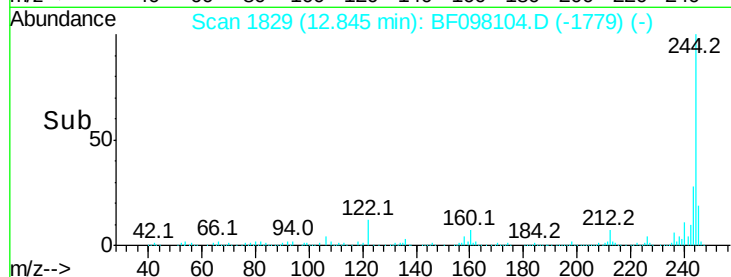
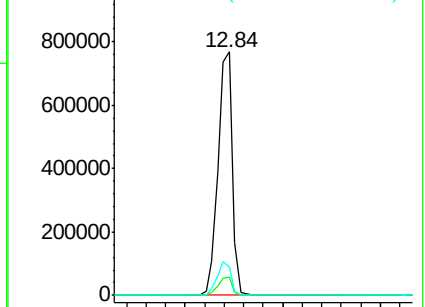
122 12.0 10.3 15.5



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: 15.31 min Scan# 2248

Delta R.T. 0.00 min

Lab File: BF098104.D

Acq: 29 Aug 2017 9:21

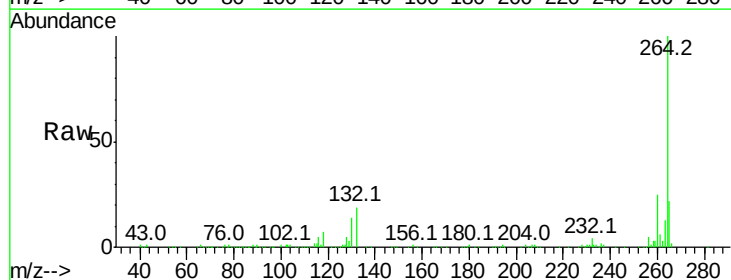
Tgt Ion:264 Resp: 262193

Ion Ratio Lower Upper

264 100

260 25.0 19.5 29.3

265 21.5 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

