

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098051.D
 Acq On : 26 Aug 2017 00:59
 Operator : SJ/JU
 Sample : I4948-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-A-COMP

Quant Time: Aug 26 02:17:05 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

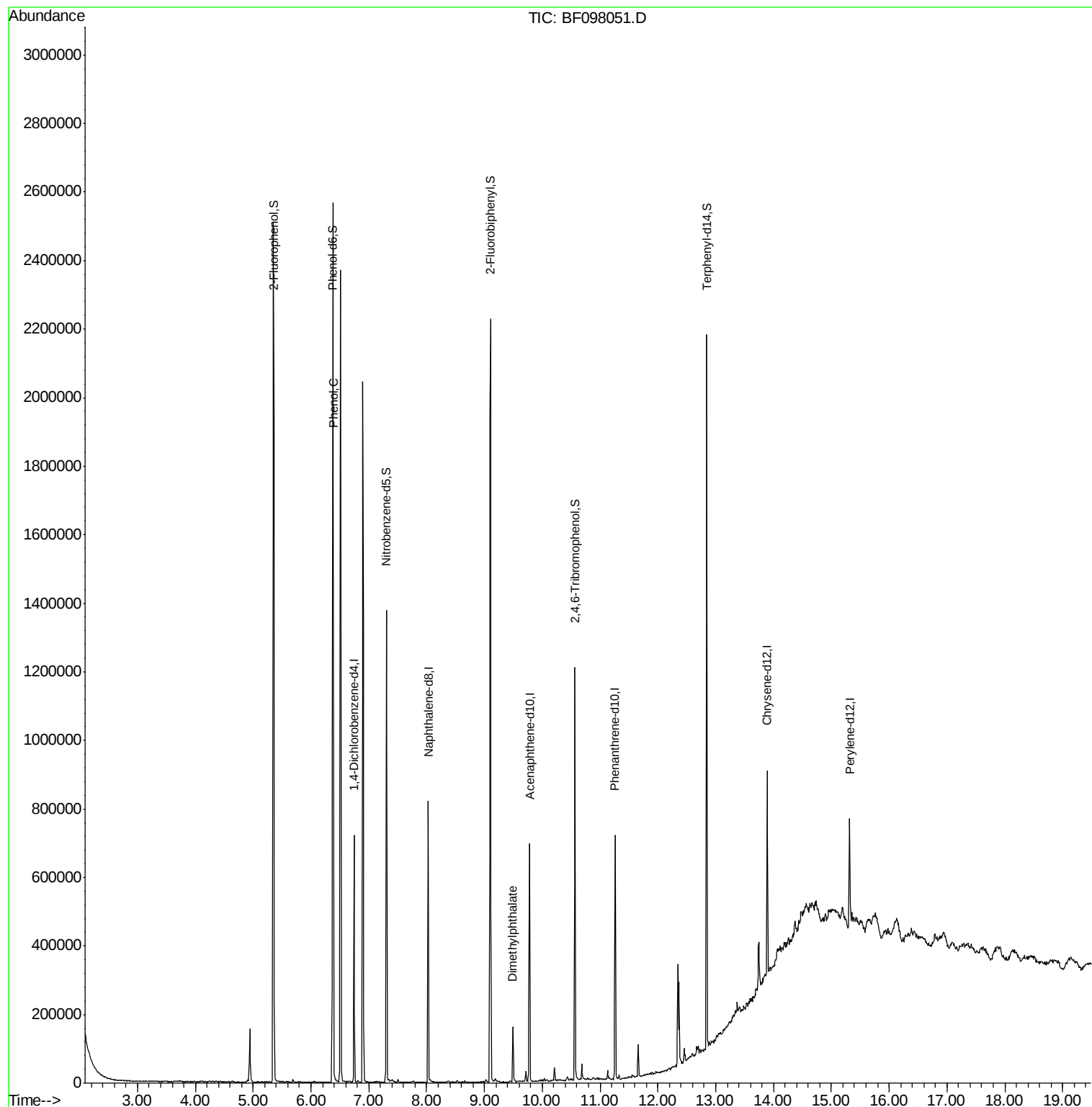
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	100680	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	357113	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	132351	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	253766	20.00	ng	0.00
75) Chrysene-d12	13.89	240	204067	20.00	ng	0.00
86) Perylene-d12	15.32	264	143497	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	728748	110.10	ng	0.00
7) Phenol-d6	6.38	99	966916	107.51	ng	0.00
23) Nitrobenzene-d5	7.30	82	489306	74.43	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	124323	108.26	ng	0.00
44) 2-Fluorobiphenyl	9.10	172	656356	72.86	ng	0.00
78) Terphenyl-d14	12.85	244	578777	59.14	ng	0.00
Target Compounds						
10) Phenol	6.39	94	22181	2.109	ng	97
49) Dimethylphthalate	9.50	163	60003	6.202	ng	98

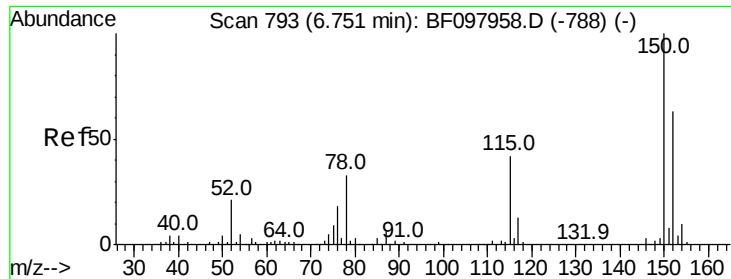
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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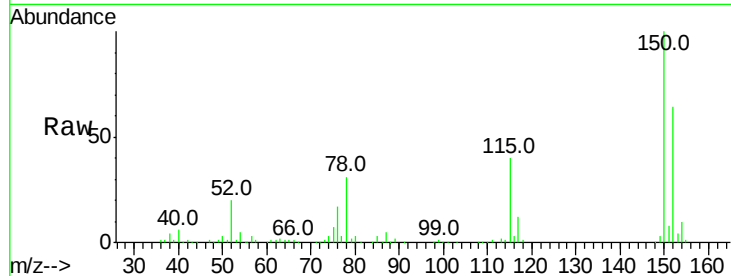


#1

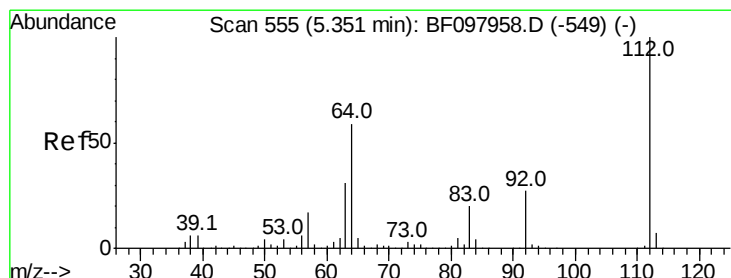
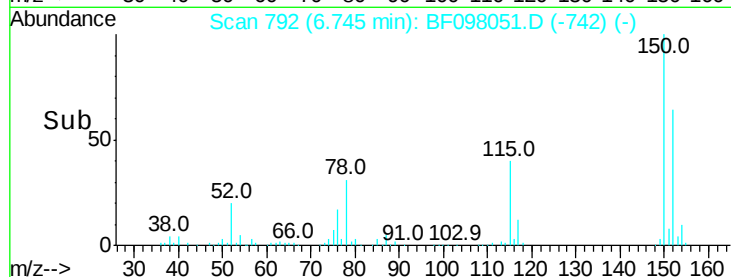
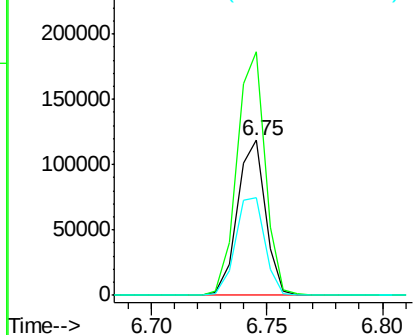
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.75 min Scan# 792
 Delta R.T. -0.01 min
 Lab File: BF098051.D
 Acq: 26 Aug 2017 00:59

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-A-COMP

Tot Ion:152 Resp: 100680
 Ion Ratio Lower Upper
 152 100
 150 156.9 126.2 189.2
 115 63.0 52.2 78.2



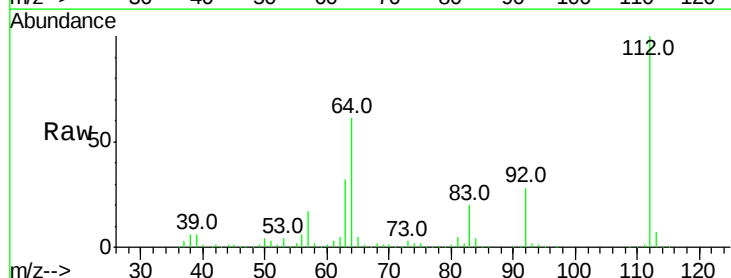
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



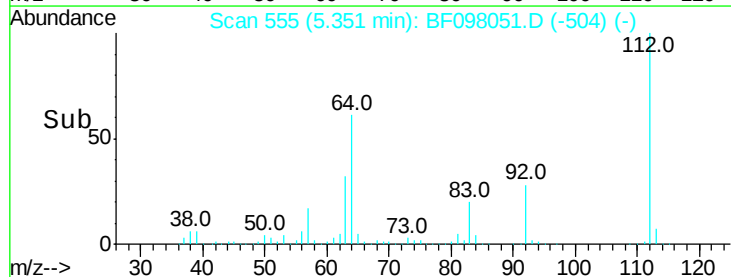
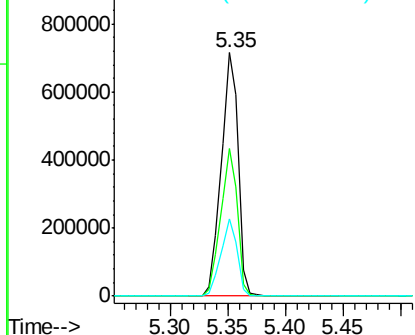
#5

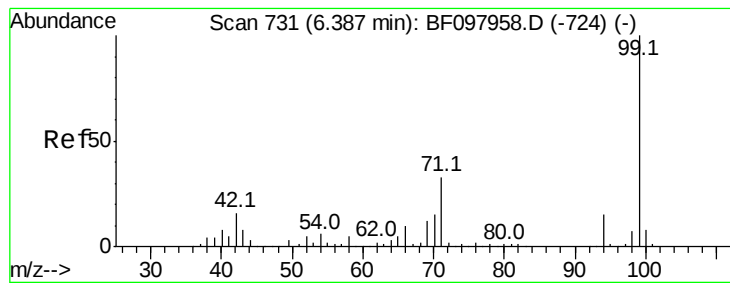
2-Fluorophenol
 Concen: 110.099 ng
 RT: 5.35 min Scan# 555
 Delta R.T. 0.00 min
 Lab File: BF098051.D
 Acq: 26 Aug 2017 00:59

Tgt Ion:112 Resp: 728748
 Ion Ratio Lower Upper
 112 100
 64 60.8 46.0 69.0
 63 31.5 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: 107.515 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098051.D

Acq: 26 Aug 2017 00:59

Instrument :

BNA_F

ClientSampleId :

MANHOLE-A-COMP

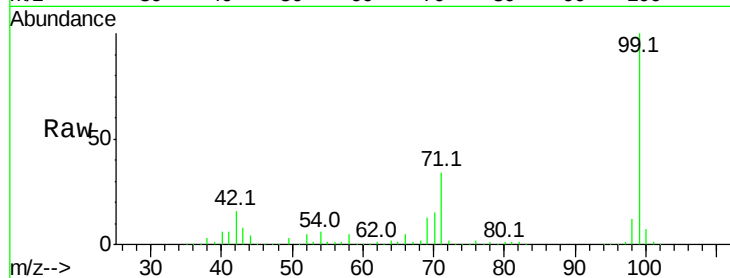
Tot Ion: 99 Resp: 966916

Ion Ratio Lower Upper

99 100

42 16.1 13.5 20.3

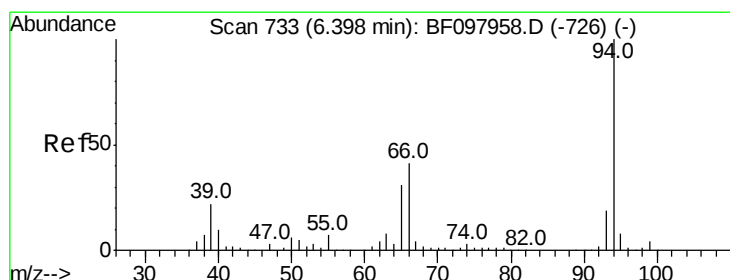
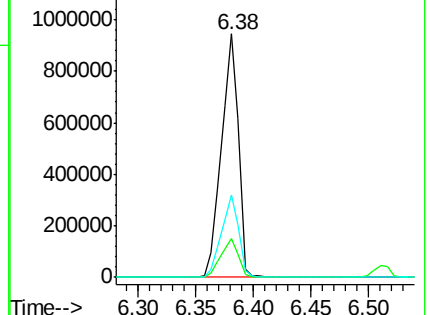
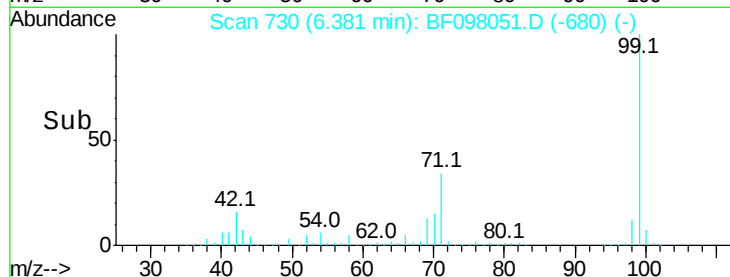
71 34.0 24.5 36.7



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: 2.109 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF098051.D

Acq: 26 Aug 2017 00:59

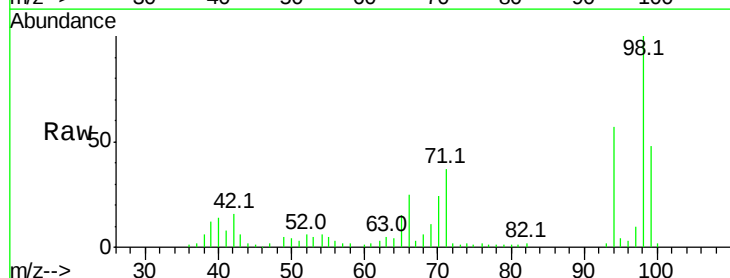
Tgt Ion: 94 Resp: 22181

Ion Ratio Lower Upper

94 100

65 27.0 9.9 49.9

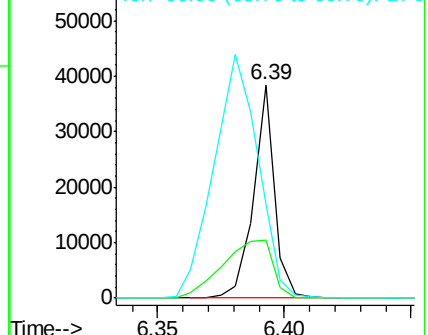
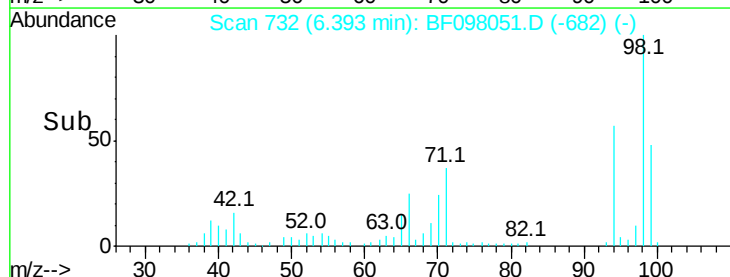
66 44.2 23.1 63.1

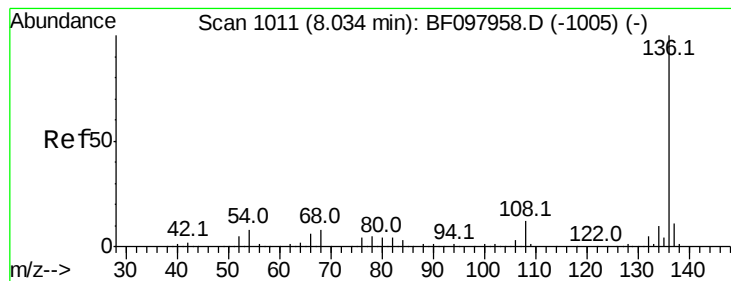


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 8.03 min Scan# 1010

Delta R.T. -0.01 min

Lab File: BF098051.D

Acq: 26 Aug 2017 00:59

Instrument :

BNA_F

ClientSampleId :

MANHOLE-A-COMP

Tot Ion:136 Resp: 357113

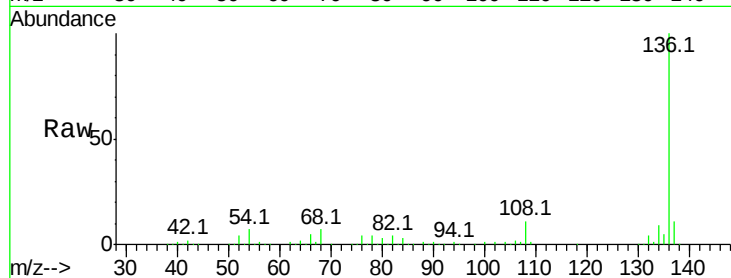
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.0 4.9 7.3

68 7.2 4.1 6.1#

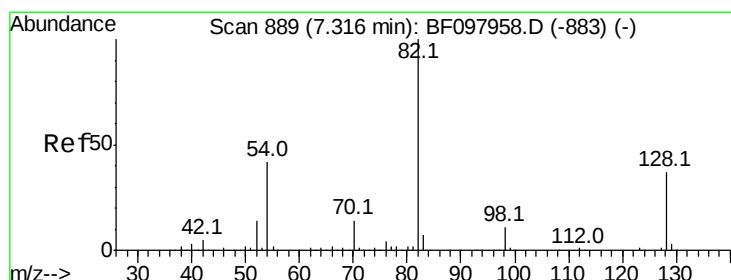
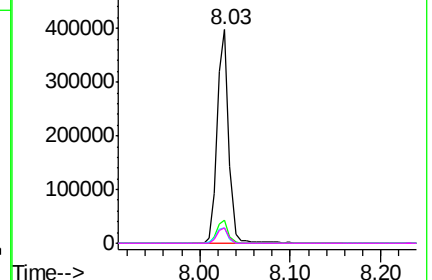
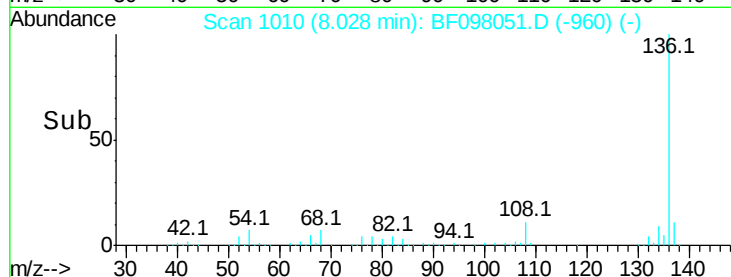


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.434 ng

RT: 7.30 min Scan# 887

Delta R.T. -0.02 min

Lab File: BF098051.D

Acq: 26 Aug 2017 00:59

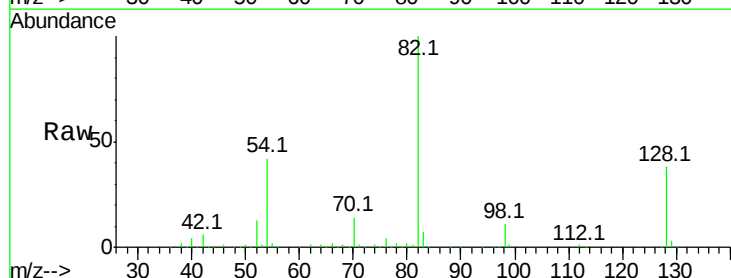
Tgt Ion: 82 Resp: 489306

Ion Ratio Lower Upper

82 100

128 37.5 34.0 51.0

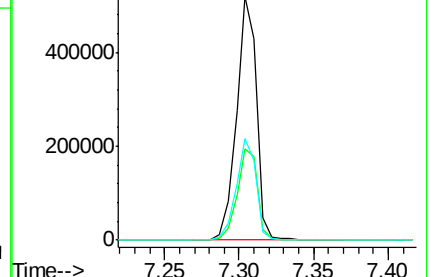
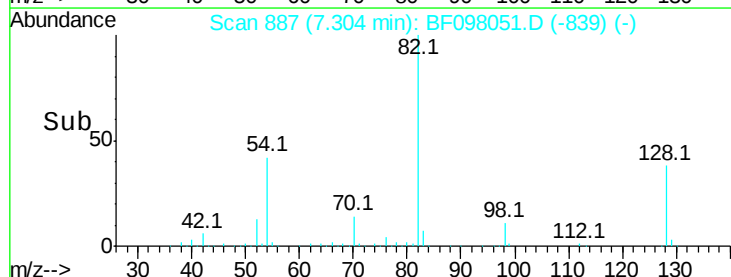
54 41.8 42.2 63.2#

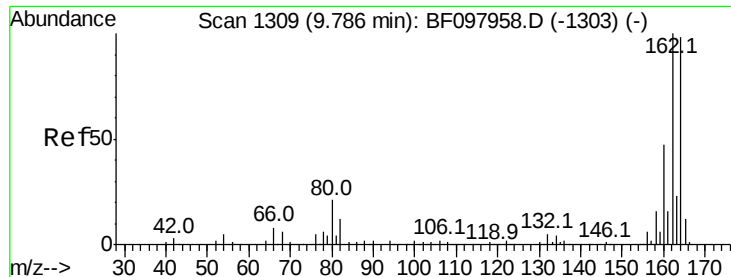


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

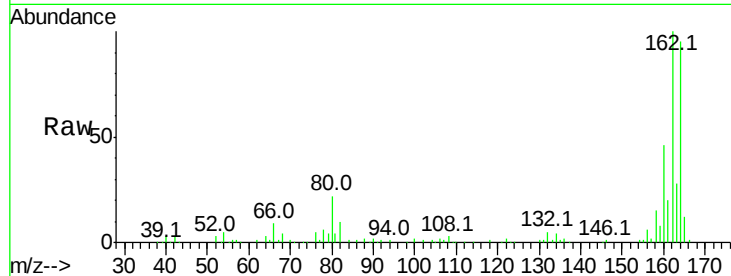




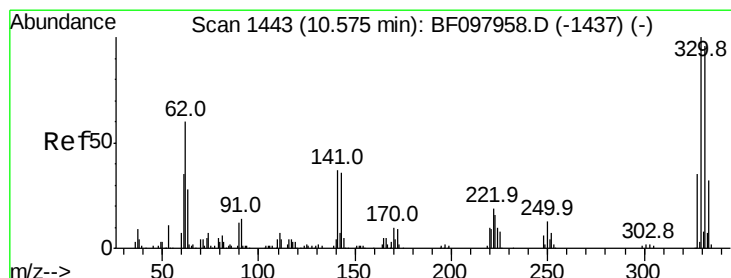
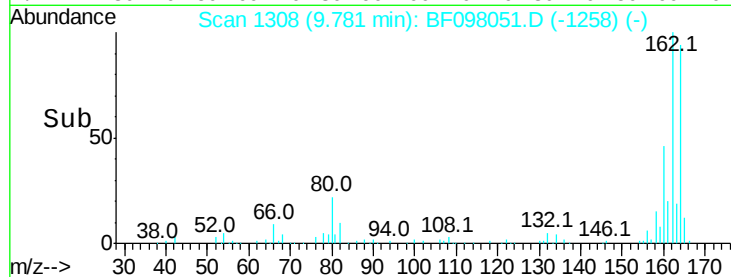
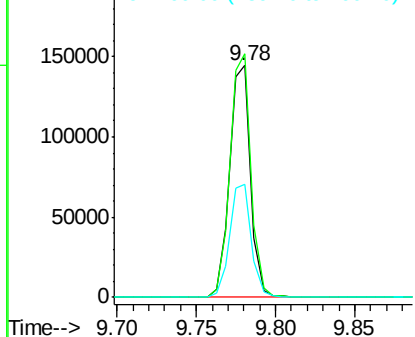
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF098051.D
 Acq: 26 Aug 2017 00:59

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-A-COMP

Tot Ion:164 Resp: 132351
 Ion Ratio Lower Upper
 164 100
 162 105.1 82.6 123.8
 160 48.6 36.2 54.2

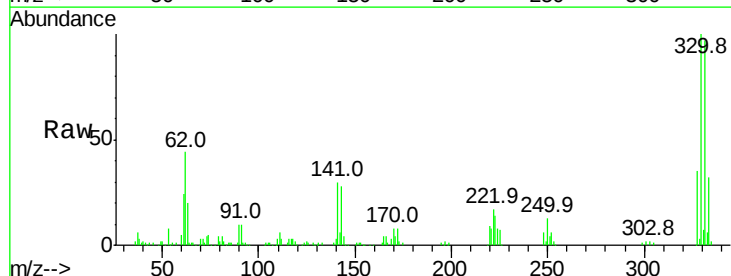


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

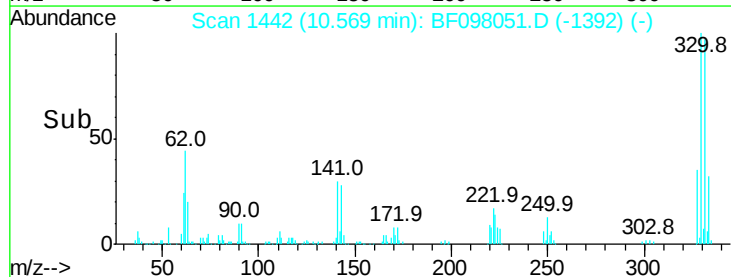
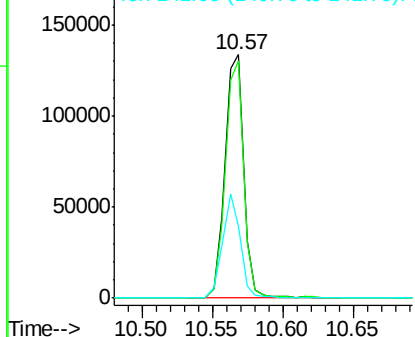


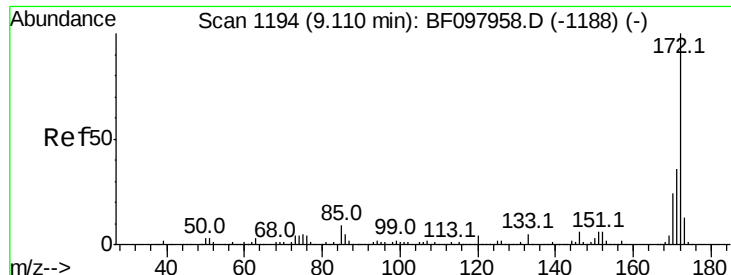
#41
 2,4,6-Tribromophenol
 Concen: 108.261 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF098051.D
 Acq: 26 Aug 2017 00:59

Tgt Ion:330 Resp: 124323
 Ion Ratio Lower Upper
 330 100
 332 95.9 76.6 115.0
 141 40.4 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

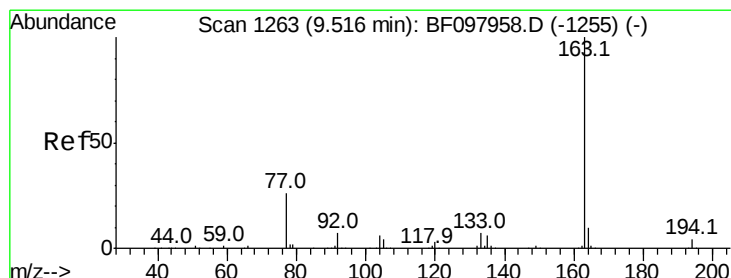
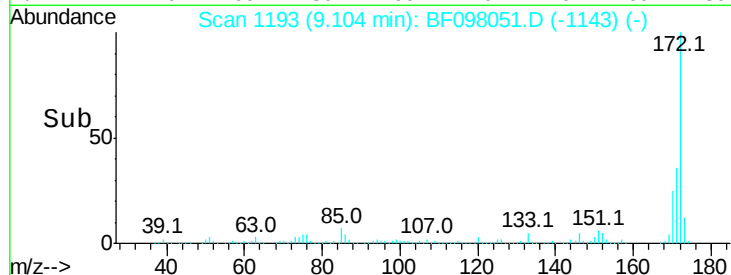
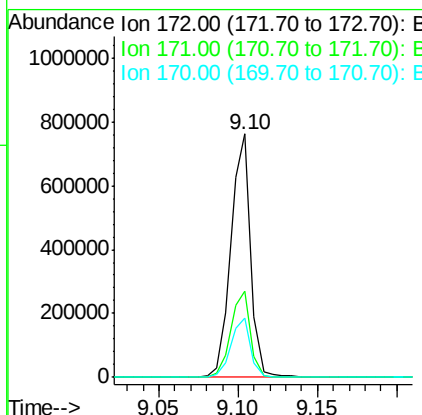
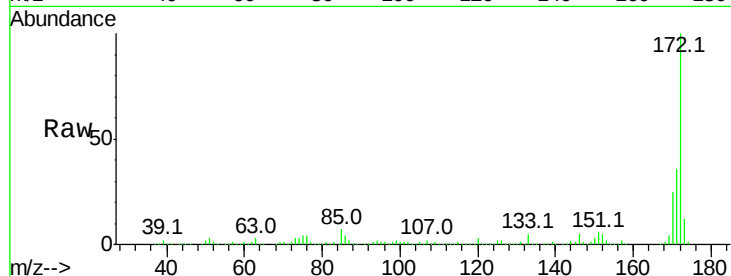




#44
2-Fluorobiphenyl
Concen: 72.861 ng
RT: 9.10 min Scan# 1193
Delta R.T. -0.01 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

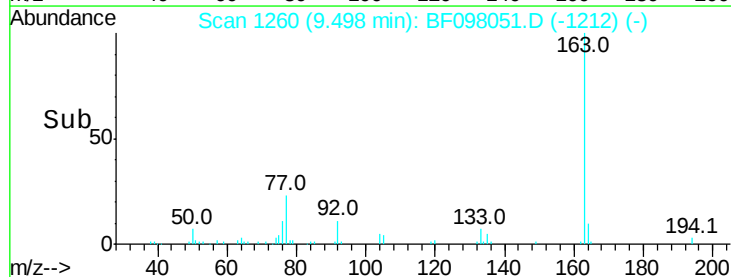
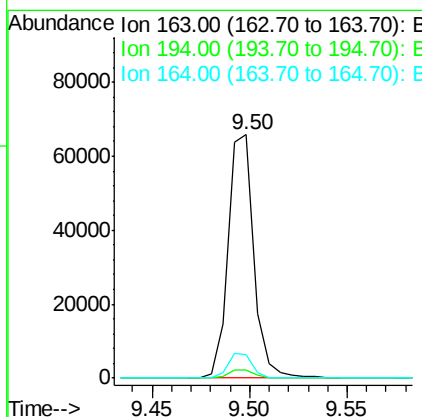
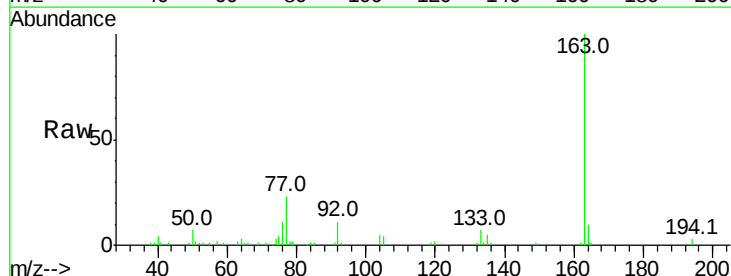
Instrument :
BNA_F
ClientSampleId :
MANHOLE-A-COMP

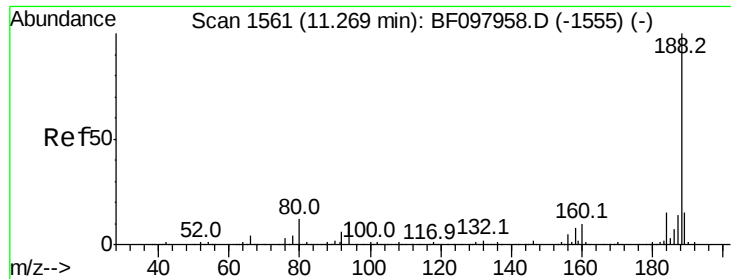
Tot Ion:172 Resp: 656356
Ion Ratio Lower Upper
172 100
171 35.6 29.6 44.4
170 24.5 19.8 29.8



#49
Dimethylphthalate
Concen: 6.202 ng
RT: 9.50 min Scan# 1260
Delta R.T. -0.02 min
Lab File: BF098051.D
Acq: 26 Aug 2017 00:59

Tgt Ion:163 Resp: 60003
Ion Ratio Lower Upper
163 100
194 3.1 2.6 4.0
164 9.6 8.4 12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.26 min Scan# 1560

Delta R.T. 0.00 min

Lab File: BF098051.D

Acq: 26 Aug 2017 00:59

Instrument :

BNA_F

ClientSampleId :

MANHOLE-A-COMP

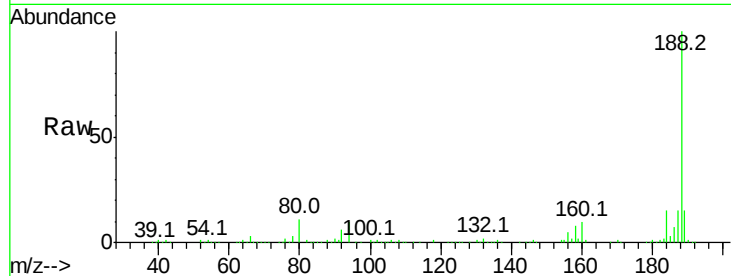
Tot Ion:188 Resp: 253766

Ion Ratio Lower Upper

188 100

94 10.2 9.4 14.2

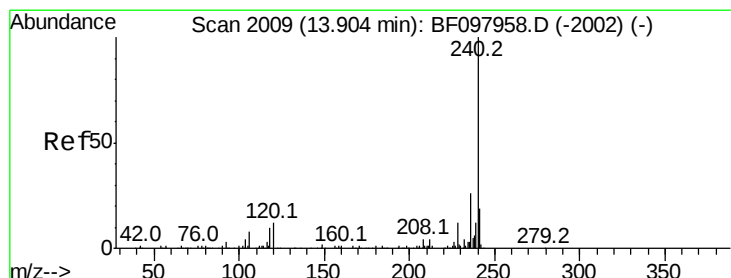
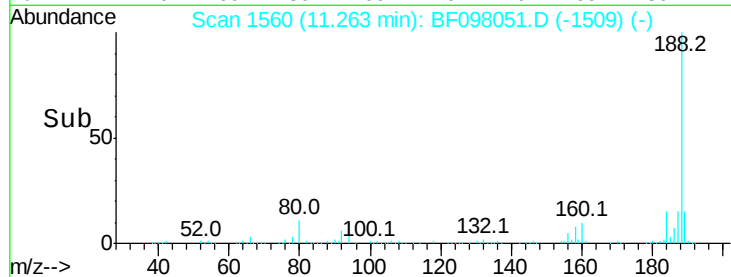
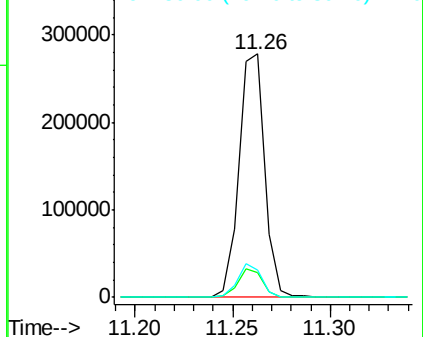
80 11.0 10.2 15.2



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: 13.89 min Scan# 2007

Delta R.T. -0.01 min

Lab File: BF098051.D

Acq: 26 Aug 2017 00:59

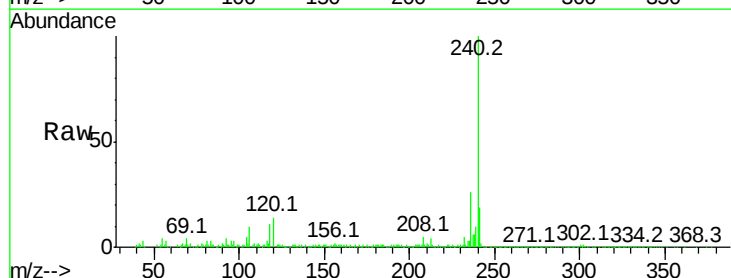
Tgt Ion:240 Resp: 204067

Ion Ratio Lower Upper

240 100

120 13.5 5.8 8.8#

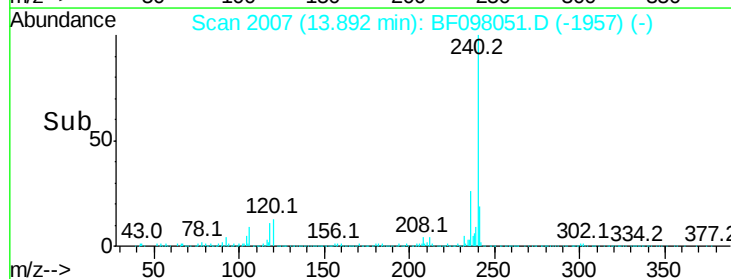
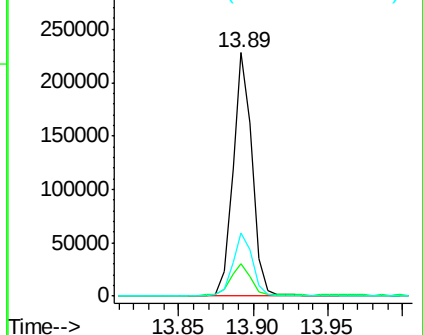
236 25.9 20.5 30.7

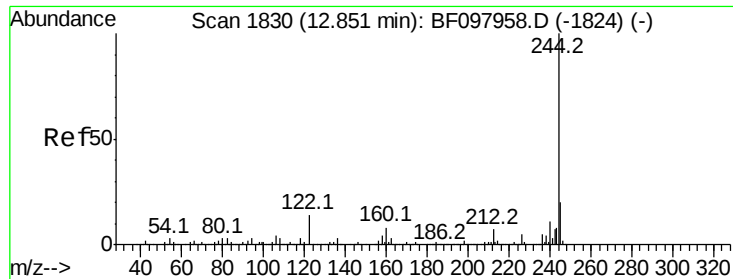


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



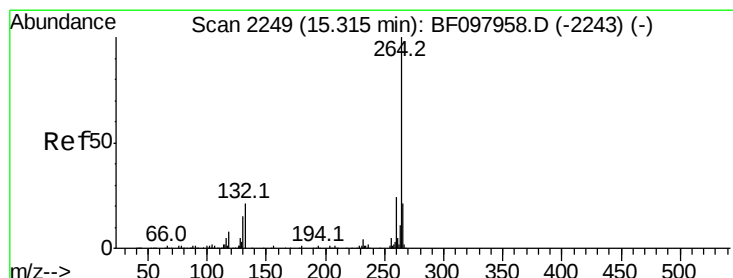
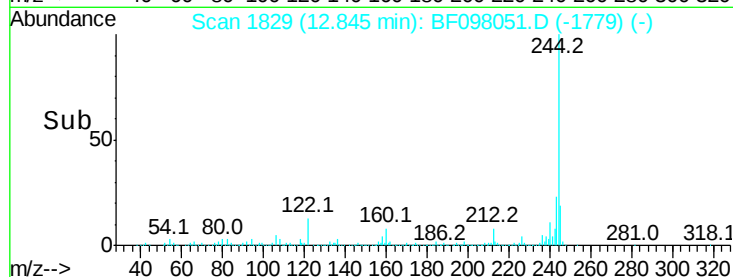
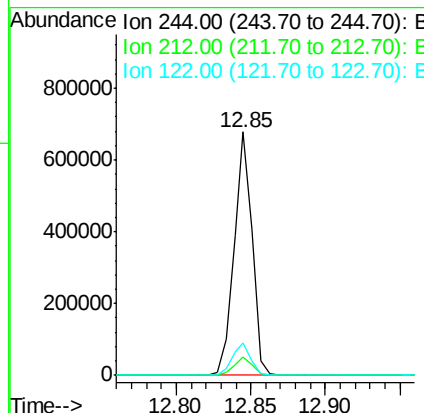
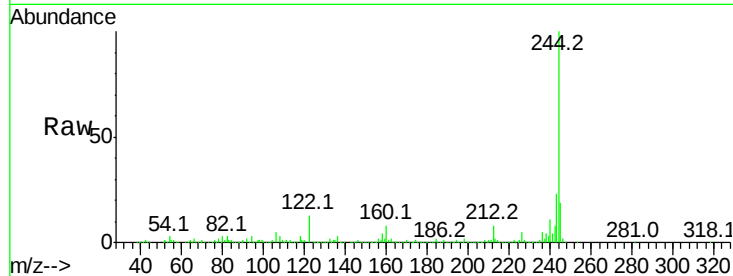


#78
 Terphenyl-d14
 Concen: 59.145 ng
 RT: 12.85 min Scan# 1829
 Delta R.T. -0.01 min
 Lab File: BF098051.D
 Acq: 26 Aug 2017 00:59

Instrument :
 BNA_F
 ClientSampleId :
 MANHOLE-A-COMP

Tot Ion:244 Resp: 578777

Ion	Ratio	Lower	Upper
244	100		
212	7.5	6.0	9.0
122	13.5	10.3	15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.32 min Scan# 2249
 Delta R.T. 0.01 min
 Lab File: BF098051.D
 Acq: 26 Aug 2017 00:59

Tgt Ion:264 Resp: 143497

Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.0	17.2	25.8

