

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082317\
 Data File : BF097995.D
 Acq On : 23 Aug 2017 13:52
 Operator : SJ/JU
 Sample : I4901-01
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE1-1-3-COMP

Quant Time: Aug 23 18:02:59 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

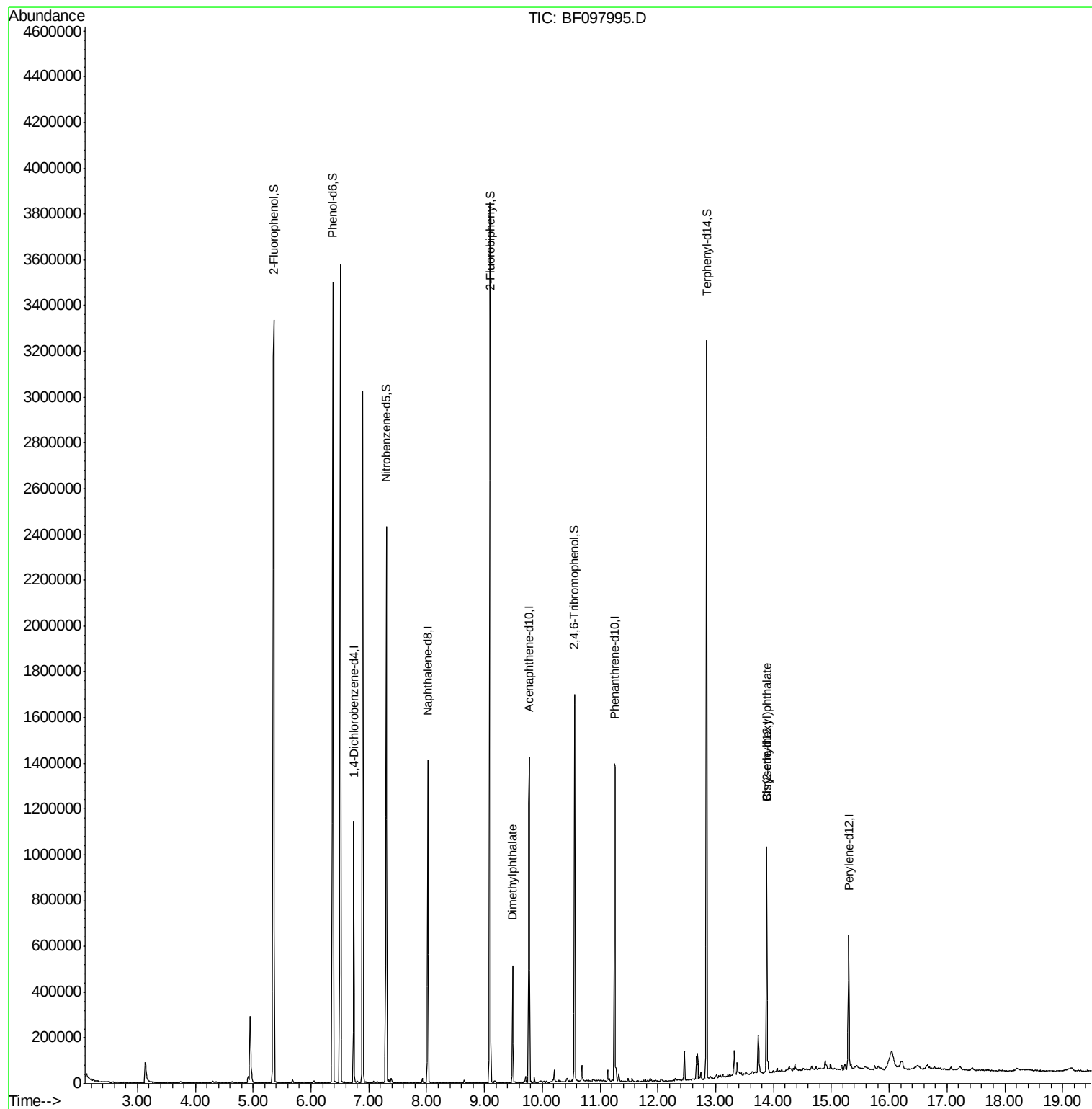
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	151966	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	610313	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	275119	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	526715	20.00	ng	0.00
75) Chrysene-d12	13.89	240	333879	20.00	ng	-0.01
86) Perylene-d12	15.30	264	256043	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1144290	114.54	ng	0.00
7) Phenol-d6	6.38	99	1549186	114.12	ng	0.00
23) Nitrobenzene-d5	7.30	82	966072	85.99	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	203095	85.08	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1330565	71.06	ng	-0.01
78) Terphenyl-d14	12.85	244	1057676	66.06	ng	0.00
Target Compounds						
49) Dimethylphthalate	9.49	163	177332	8.818	ng	98
83) Bis(2-ethylhexyl)phthalate	13.87	149	24027	2.071	ng	100

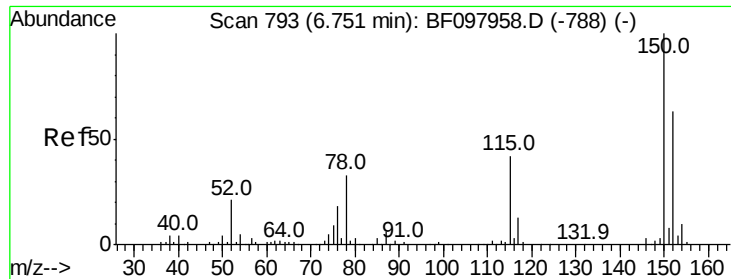
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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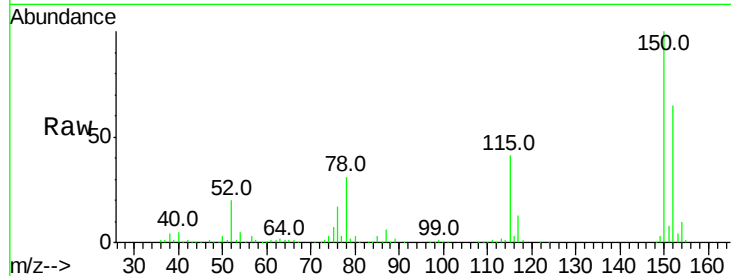


#1

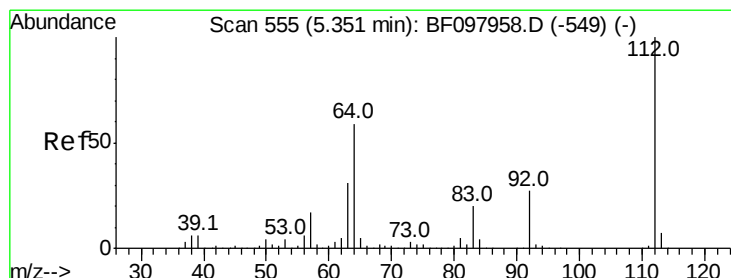
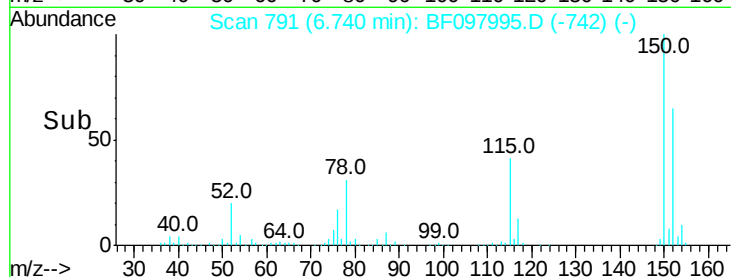
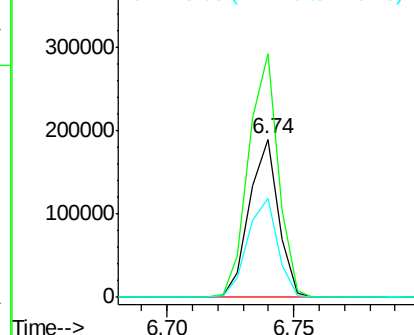
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.74 min Scan# 791
Delta R.T. -0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Instrument :
BNA_F
ClientSampleId :
TEC-BE1-1-3-COMP

Tot Ion:152 Resp: 151966
Ion Ratio Lower Upper
152 100
150 153.7 126.2 189.2
115 62.3 52.2 78.2



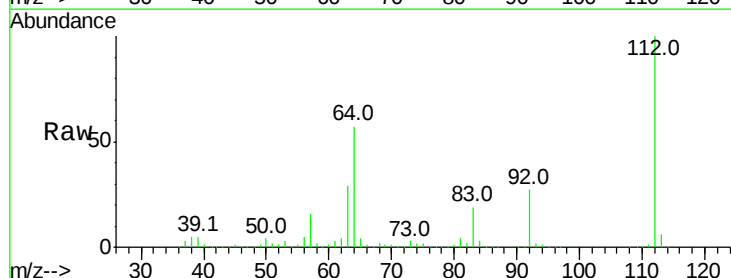
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



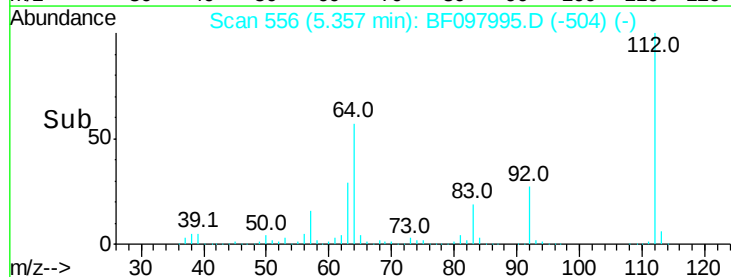
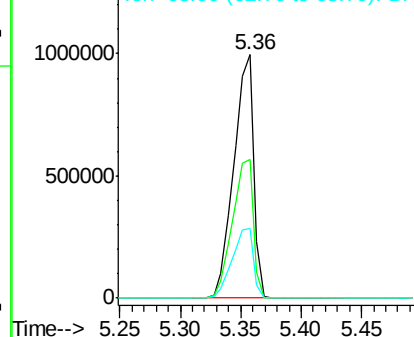
#5

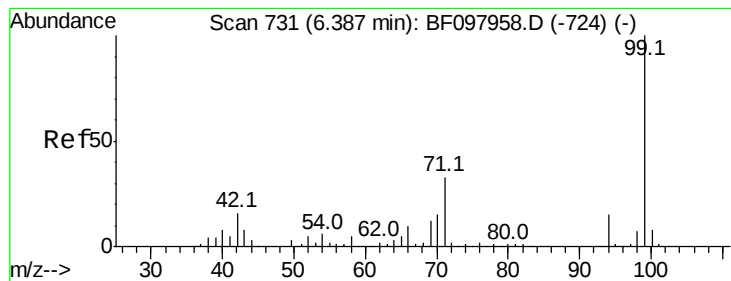
2-Fluorophenol
Concen: 114.535 ng
RT: 5.36 min Scan# 556
Delta R.T. 0.01 min
Lab File: BF097995.D
Acq: 23 Aug 2017 13:52

Tgt Ion:112 Resp: 1144290
Ion Ratio Lower Upper
112 100
64 56.8 46.0 69.0
63 28.6 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: 114.125 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097995.D

Acq: 23 Aug 2017 13:52

Instrument :

BNA_F

ClientSampleId :

TEC-BE1-1-3-COMP

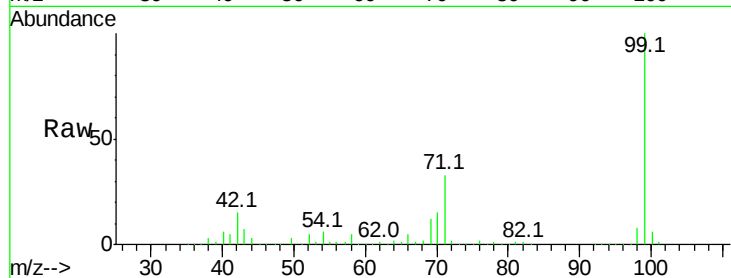
Tot Ion: 99 Resp: 1549186

Ion Ratio Lower Upper

99 100

42 15.3 13.5 20.3

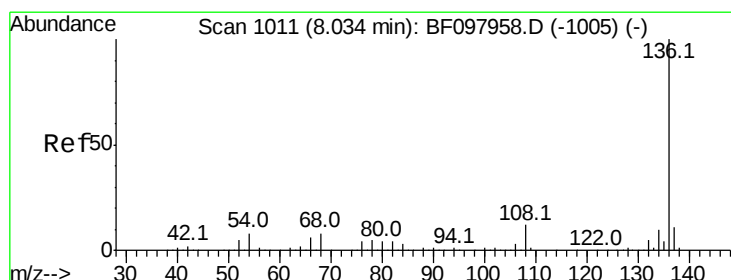
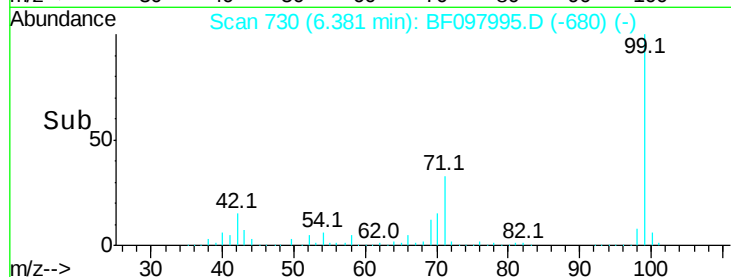
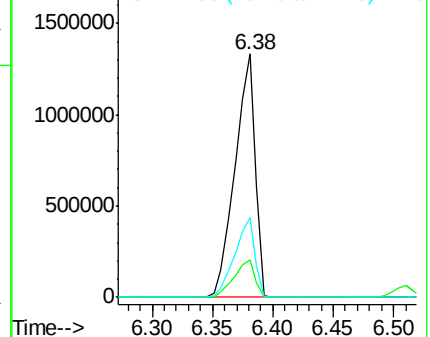
71 32.8 24.5 36.7



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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.02 min Scan# 1009

Delta R.T. -0.01 min

Lab File: BF097995.D

Acq: 23 Aug 2017 13:52

Tgt Ion: 136 Resp: 610313

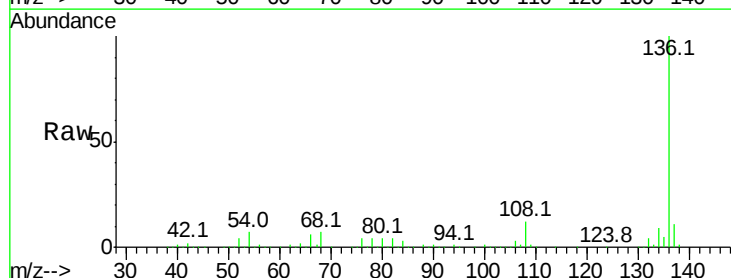
Ion Ratio Lower Upper

136 100

137 11.1 8.5 12.7

54 7.4 4.9 7.3#

68 7.2 4.1 6.1#

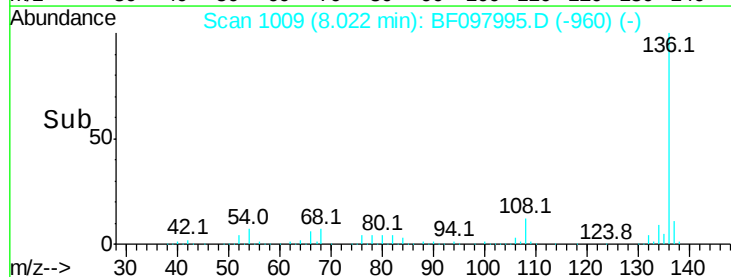
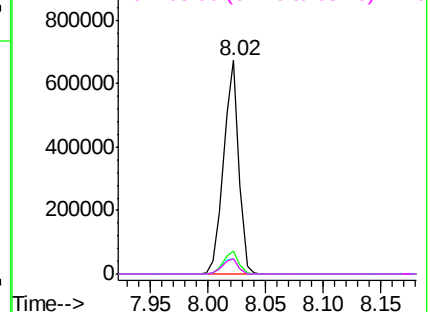


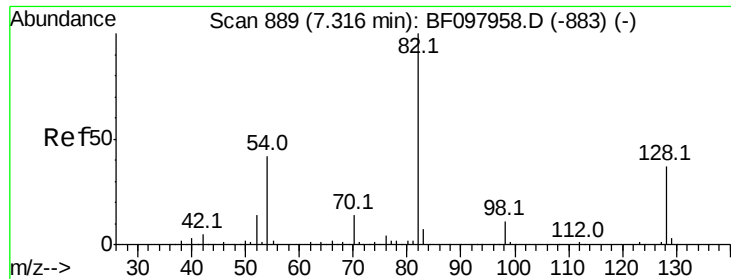
Abundance Ion 136.00 (135.70 to 136.70): E

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

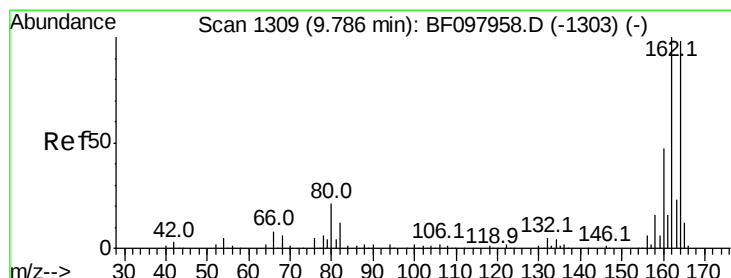
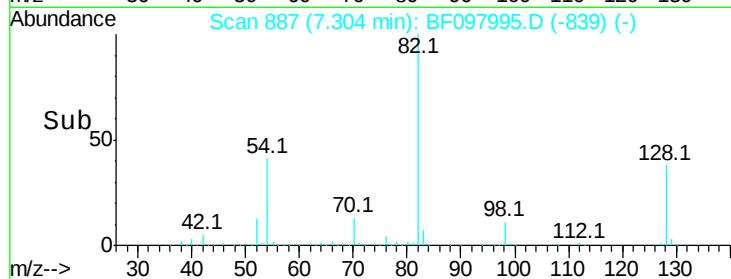
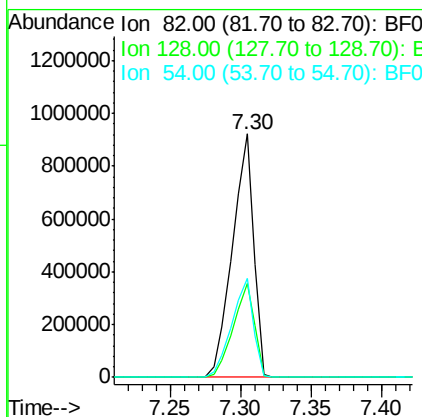
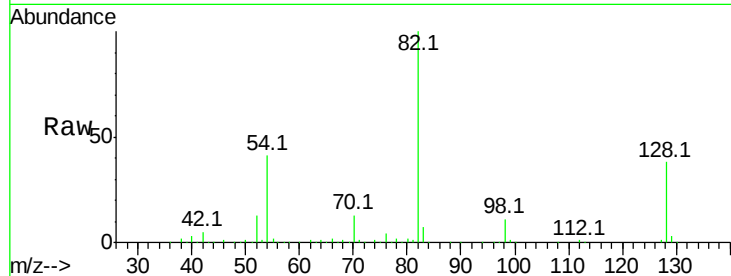




#23
 Nitrobenzene-d5
 Concen: 85.991 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF097995.D
 Acq: 23 Aug 2017 13:52

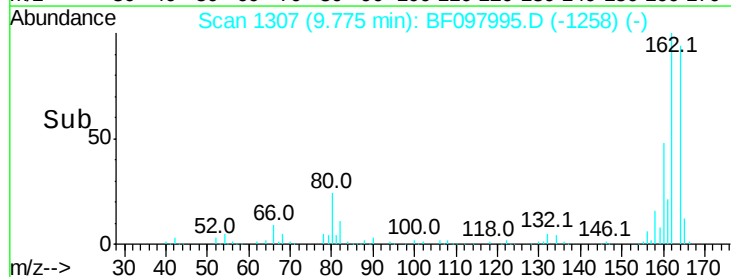
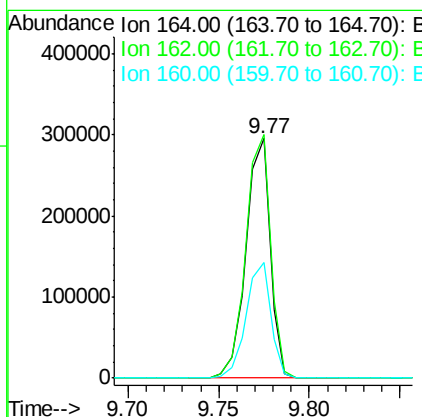
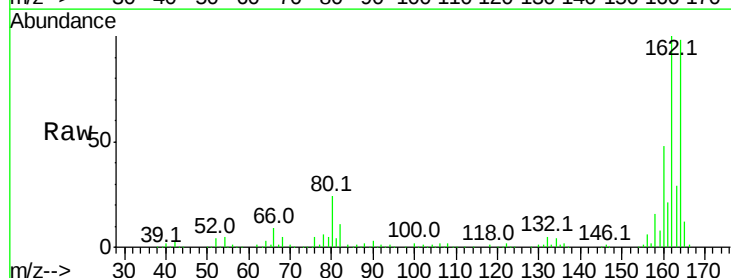
Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE1-1-3-COMP

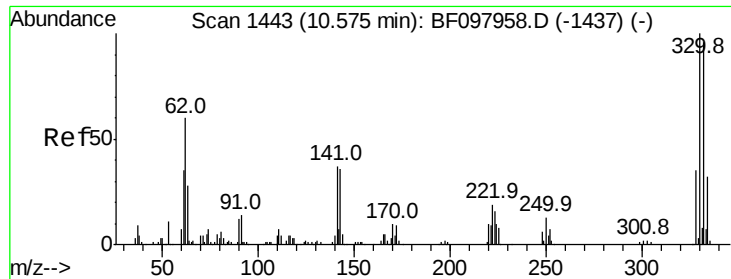
Tot Ion: 82 Resp: 966072
 Ion Ratio Lower Upper
 82 100
 128 38.4 34.0 51.0
 54 40.5 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF097995.D
 Acq: 23 Aug 2017 13:52

Tgt Ion:164 Resp: 275119
 Ion Ratio Lower Upper
 164 100
 162 101.7 82.6 123.8
 160 48.4 36.2 54.2

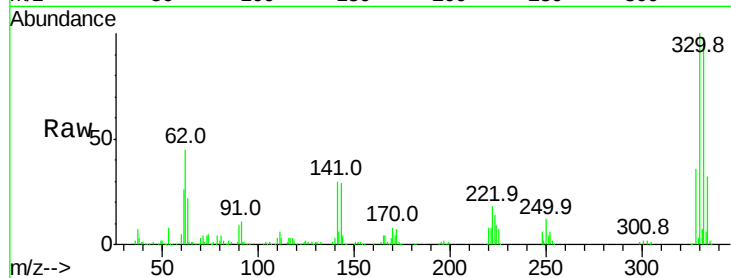




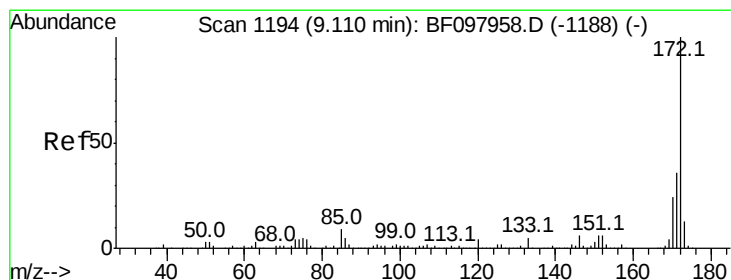
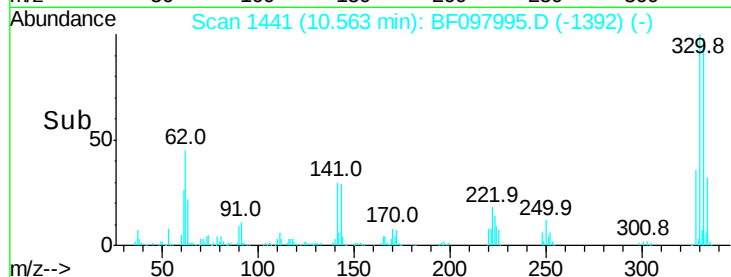
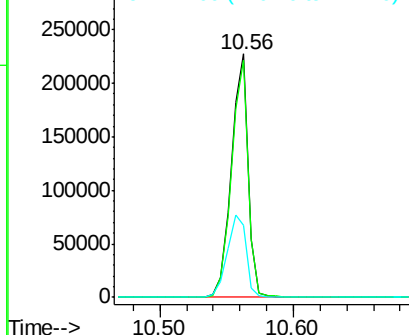
#41
 2,4,6-Tribromophenol
 Concen: 85.080 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF097995.D
 Acq: 23 Aug 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE1-1-3-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	38.2	31.4	47.2

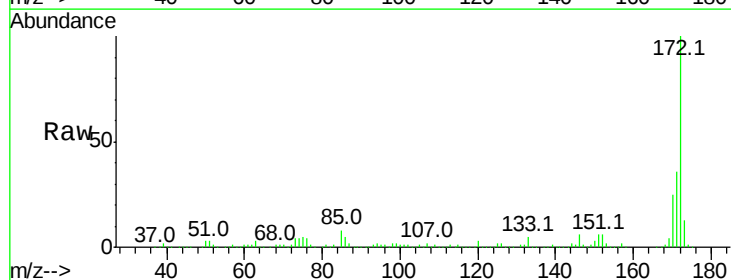


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

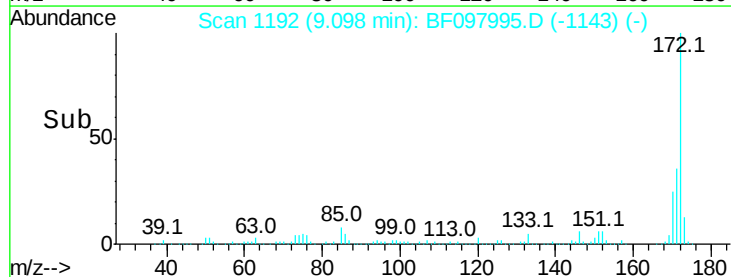
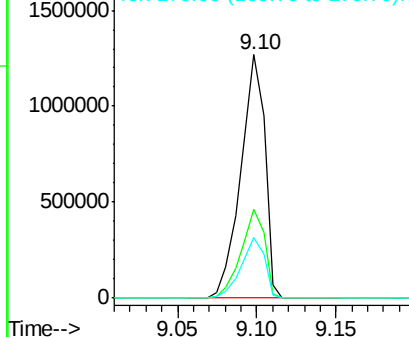


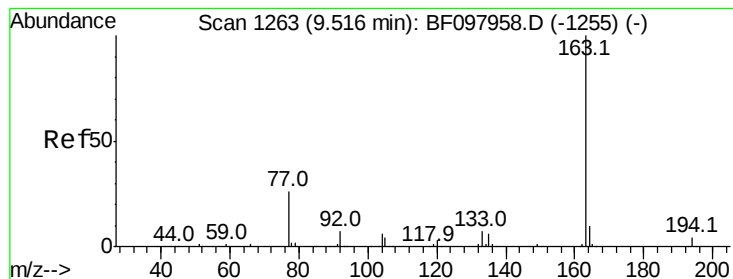
#44
 2-Fluorobiphenyl
 Concen: 71.056 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF097995.D
 Acq: 23 Aug 2017 13:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	25.0	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: 8.818 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF097995.D

Acq: 23 Aug 2017 13:52

Instrument :

BNA_F

ClientSampleId :

TEC-BE1-1-3-COMP

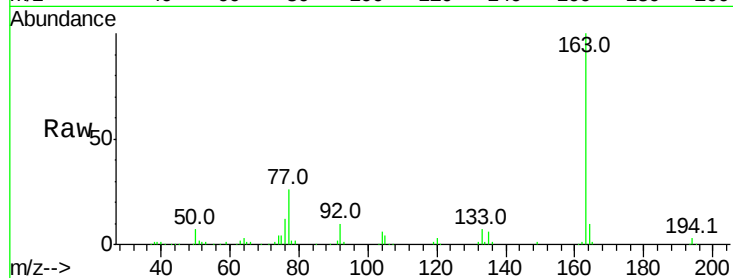
Tot Ion:163 Resp: 177332

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

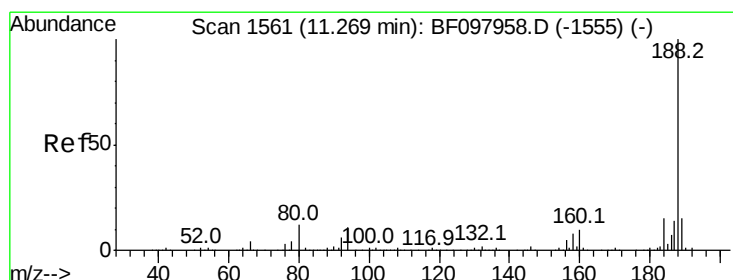
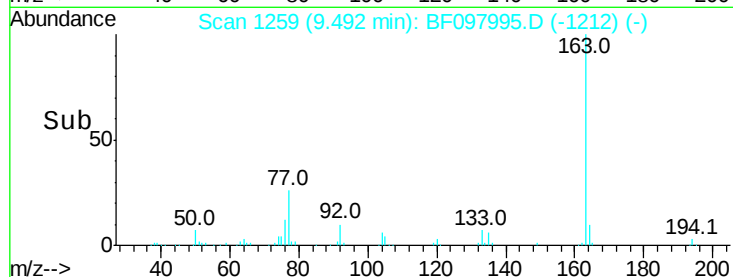
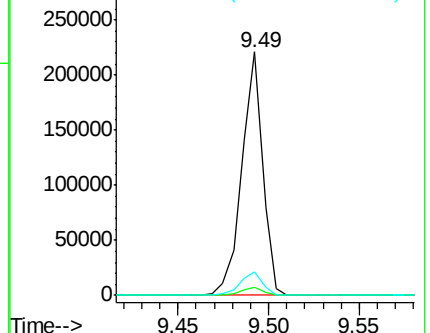
164 9.7 8.4 12.6



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: 11.26 min Scan# 1559

Delta R.T. -0.01 min

Lab File: BF097995.D

Acq: 23 Aug 2017 13:52

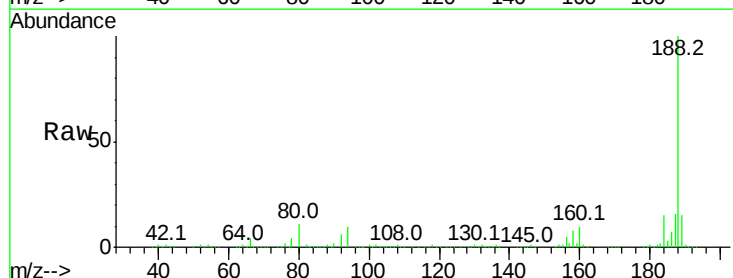
Tgt Ion:188 Resp: 526715

Ion Ratio Lower Upper

188 100

94 10.4 9.4 14.2

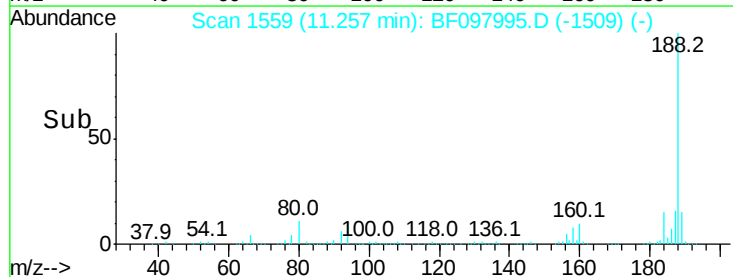
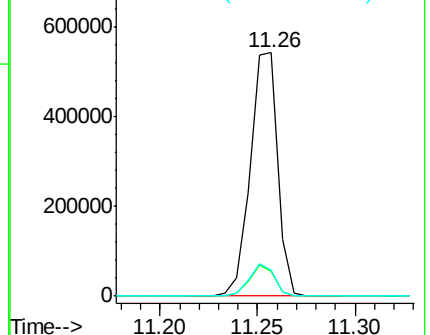
80 10.8 10.2 15.2

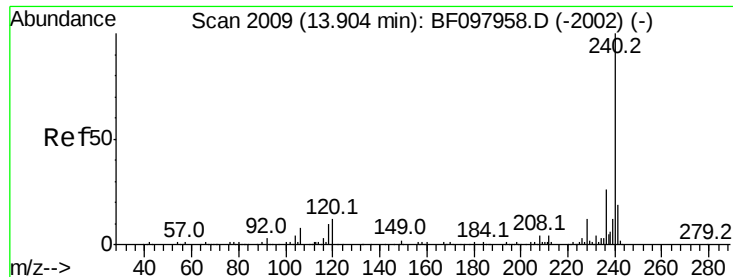


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF097995.D

Acq: 23 Aug 2017 13:52

Instrument :

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ClientSampleId :

TEC-BE1-1-3-COMP

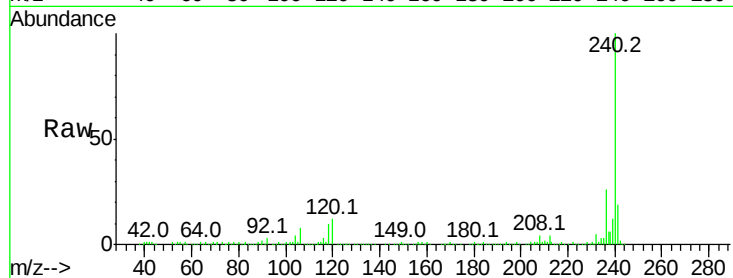
Tot Ion:240 Resp: 333879

Ion Ratio Lower Upper

240 100

120 12.1 5.8 8.8#

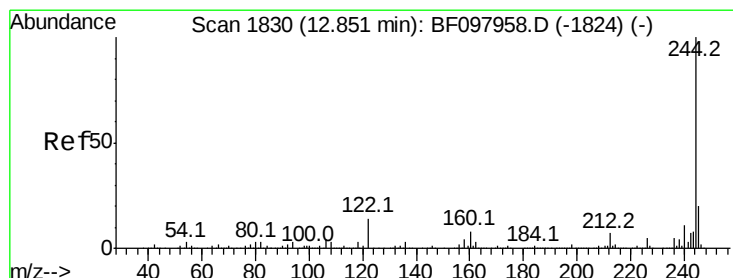
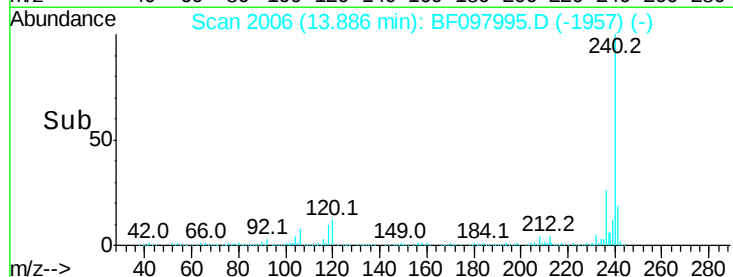
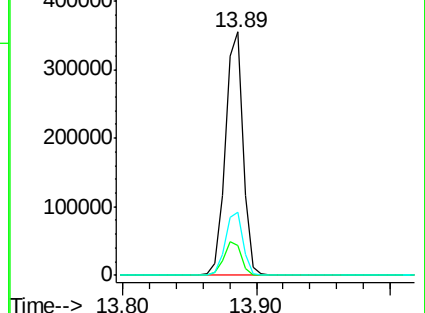
236 26.2 20.5 30.7



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: 66.060 ng

RT: 12.85 min Scan# 1829

Delta R.T. -0.01 min

Lab File: BF097995.D

Acq: 23 Aug 2017 13:52

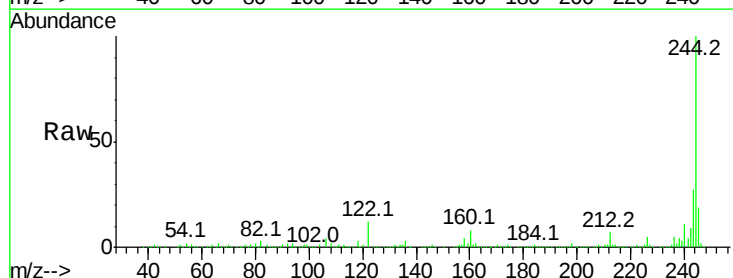
Tgt Ion:244 Resp: 1057676

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

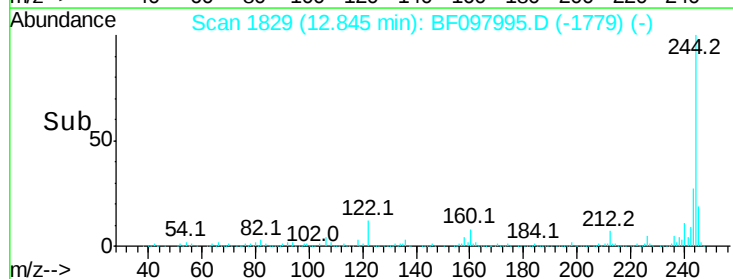
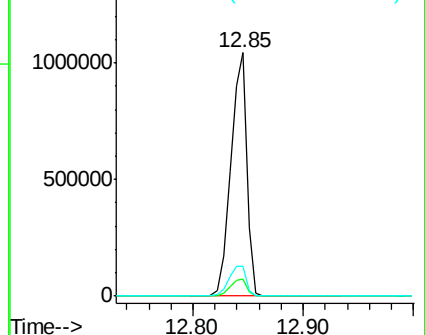
122 12.3 10.3 15.5

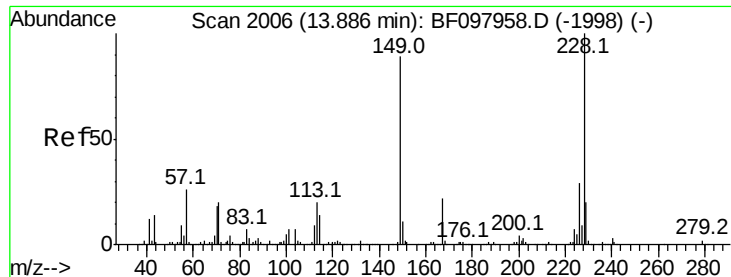


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

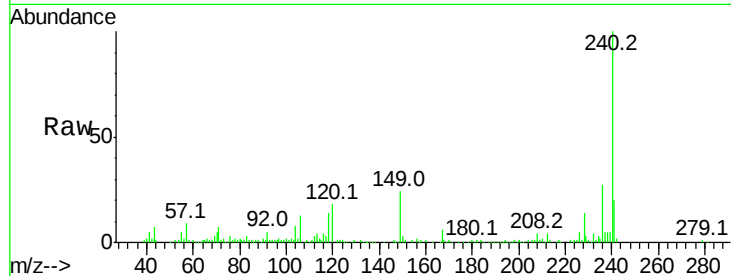




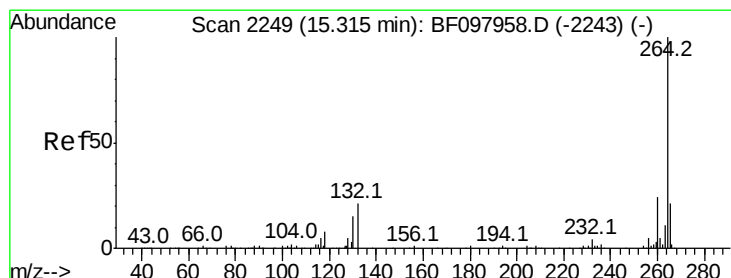
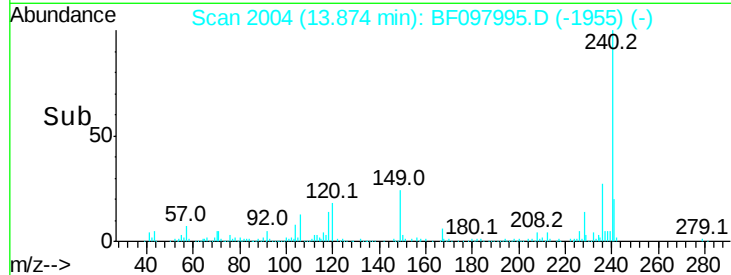
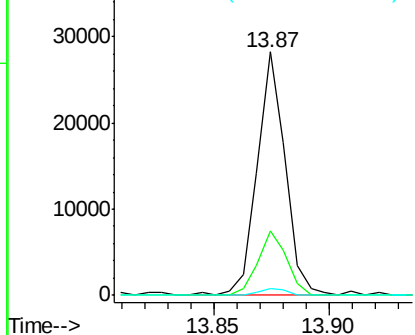
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.071 ng
 RT: 13.87 min Scan# 2004
 Delta R.T. -0.01 min
 Lab File: BF097995.D
 Acq: 23 Aug 2017 13:52

Instrument :
 BNA_F
 ClientSampleId :
 TEC-BE1-1-3-COMP

Tot Ion:149	Resp:	24027	
Ion Ratio	Lower	Upper	
149	100		
167	26.3	21.0	31.4
279	2.9	1.9	2.9

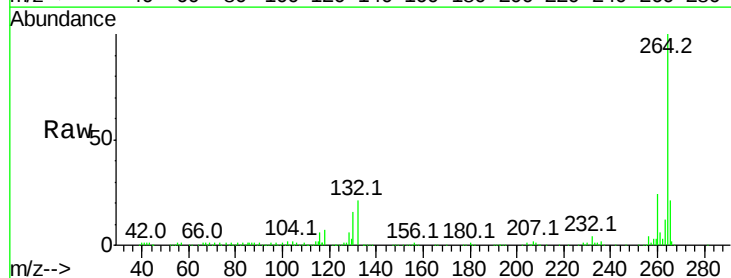


Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 167.00 (166.70 to 167.70): E
 Ion 279.00 (278.70 to 279.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.30 min Scan# 2246
 Delta R.T. -0.01 min
 Lab File: BF097995.D
 Acq: 23 Aug 2017 13:52

Tgt	Ion:264	Resp:	256043
Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.5	29.3
265	21.0	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

