

Data Path : U:\HPCHEM1\BNA F\DATA\BF082217\
 Data File : BF097986.D
 Acq On : 23 Aug 2017 7:00
 Operator : SJ/JU
 Sample : I4901-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Aug 23 07:38:28 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

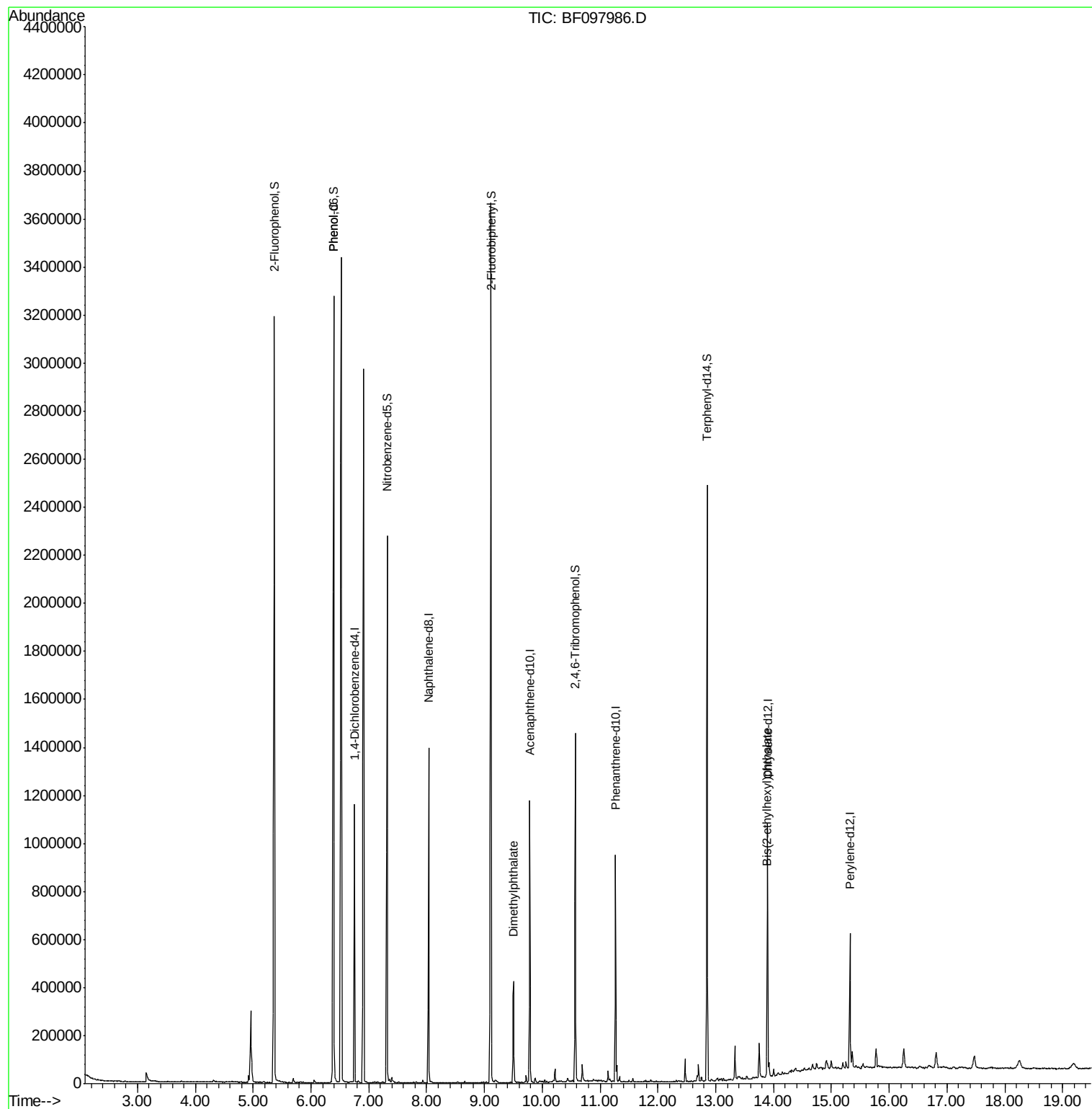
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	148296	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	567458	20.00	ng	0.00
38) Acenaphthene-d10	9.79	164	215038	20.00	ng	0.00
63) Phenanthrene-d10	11.27	188	342127	20.00	ng	0.00
75) Chrysene-d12	13.90	240	325042	20.00	ng	0.00
86) Perylene-d12	15.32	264	237070	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	1061595	108.89	ng	0.02
7) Phenol-d6	6.39	99	1377905	104.02	ng	0.00
23) Nitrobenzene-d5	7.32	82	861035	82.43	ng	0.00
41) 2,4,6-Tribromophenol	10.57	330	157717	84.53	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	1168689	79.85	ng	0.00
78) Terphenyl-d14	12.85	244	791884	50.80	ng	0.00
Target Compounds						
10) Phenol	6.40	94	32904	2.124	ng	Qvalue # 76
49) Dimethylphthalate	9.50	163	153976	9.796	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	24611	2.179	ng	99

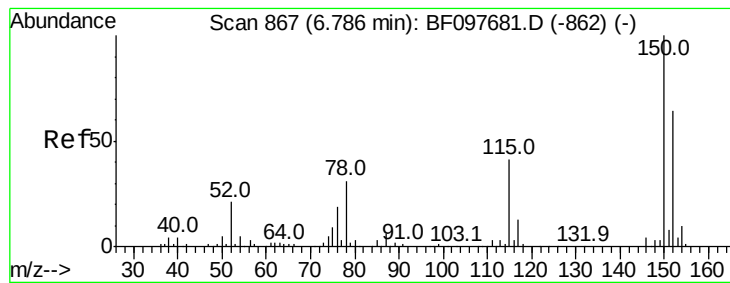
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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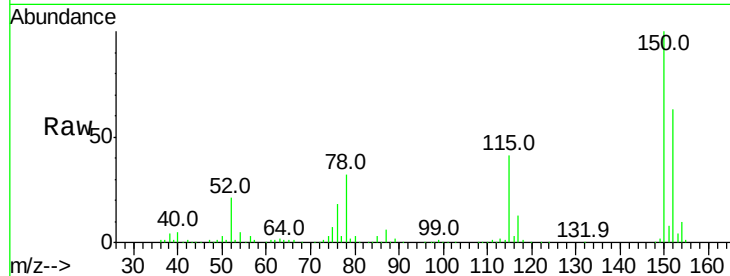


#1

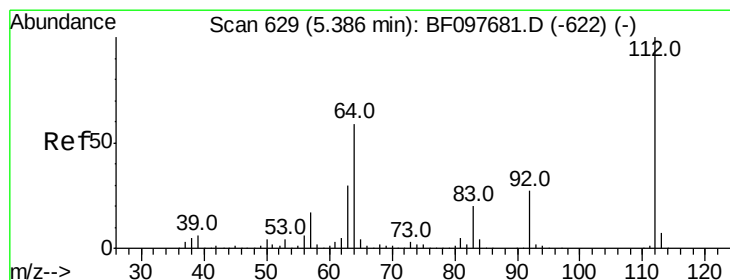
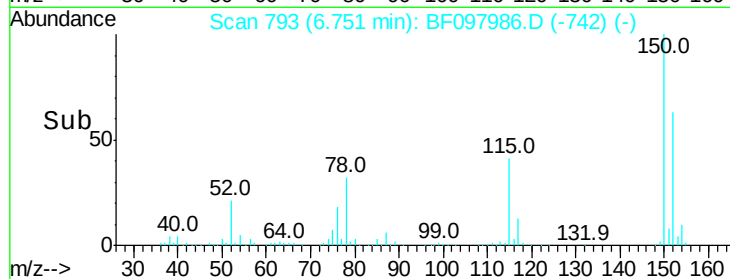
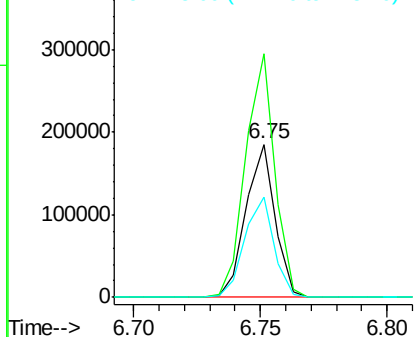
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097986.D
Acq: 23 Aug 2017 7:00

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

Tot Ion:152 Resp: 148296
Ion Ratio Lower Upper
152 100
150 158.8 126.2 189.2
115 65.7 52.2 78.2



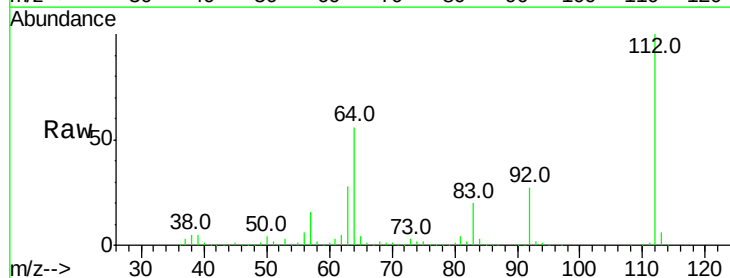
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



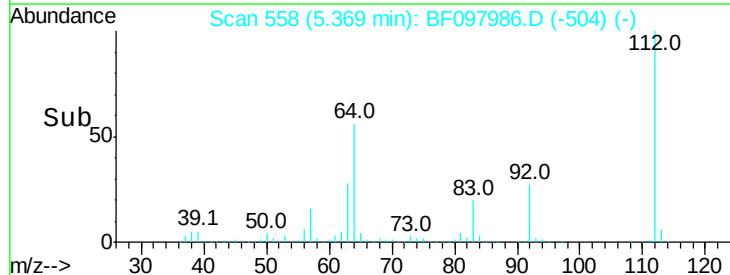
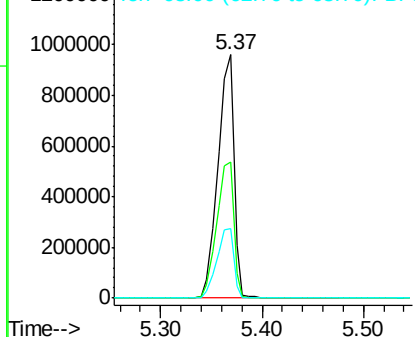
#5

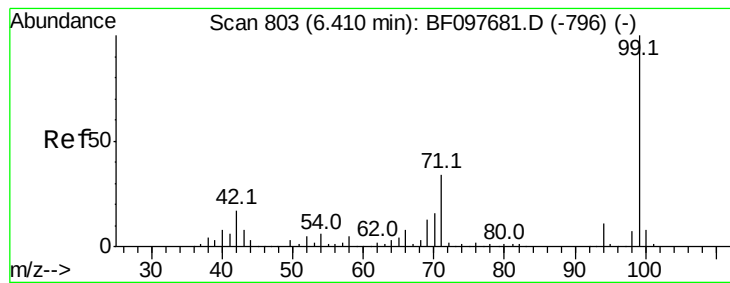
2-Fluorophenol
Concen: 108.888 ng
RT: 5.37 min Scan# 558
Delta R.T. 0.02 min
Lab File: BF097986.D
Acq: 23 Aug 2017 7:00

Tgt Ion:112 Resp: 1061595
Ion Ratio Lower Upper
112 100
64 56.0 46.0 69.0
63 28.5 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: 104.019 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

Instrument :

BNA_F

ClientSampleId :

TEC-BE1-1-3-COMP

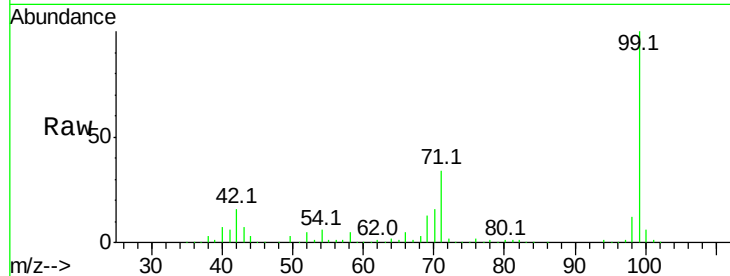
Tot Ion: 99 Resp: 1377905

Ion Ratio Lower Upper

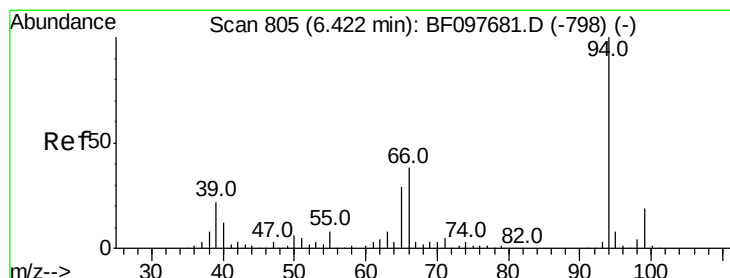
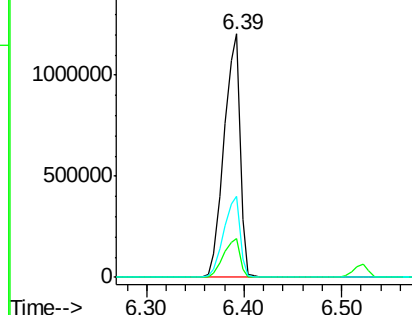
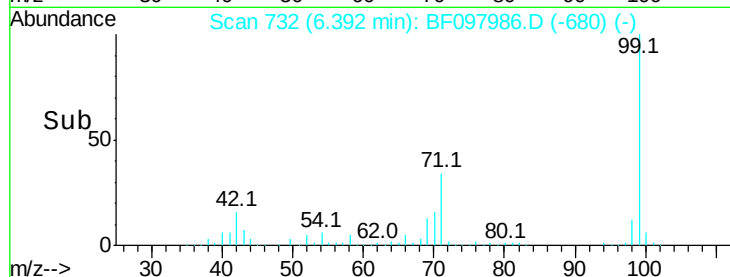
99 100

42 15.7 13.5 20.3

71 33.5 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: 2.124 ng

RT: 6.40 min Scan# 733

Delta R.T. 0.00 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

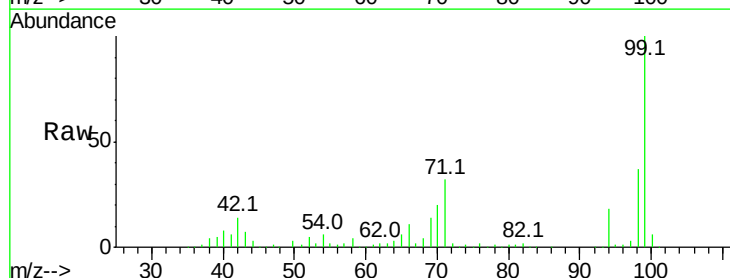
Tgt Ion: 94 Resp: 32904

Ion Ratio Lower Upper

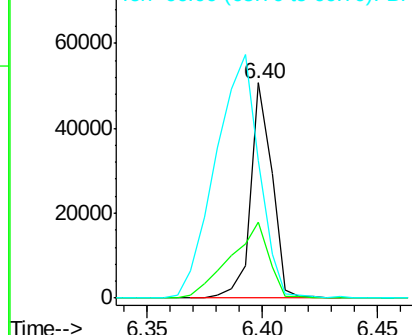
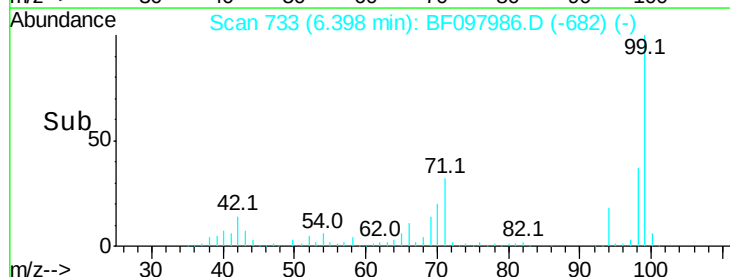
94 100

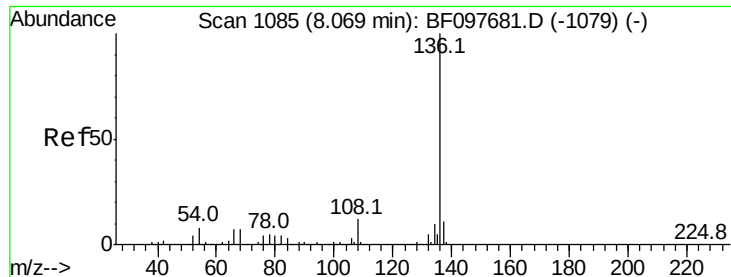
65 35.4 9.9 49.9

66 64.1 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

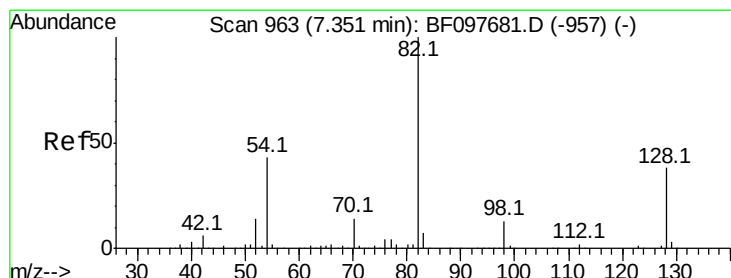
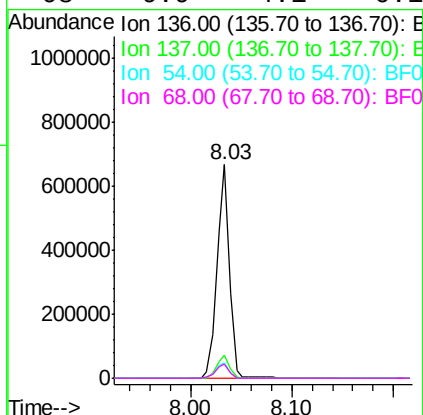
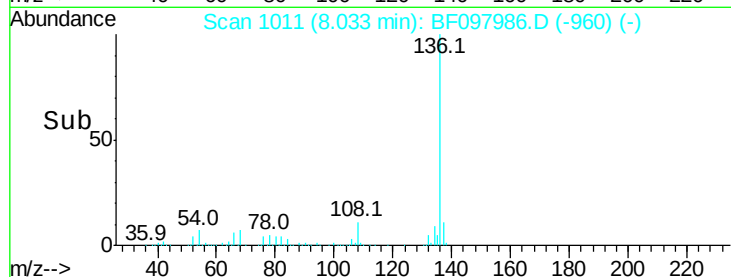
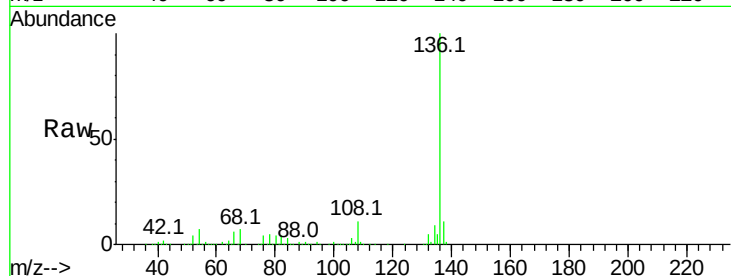




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.03 min Scan# 1011
Delta R.T. 0.00 min
Lab File: BF097986.D
Acq: 23 Aug 2017 7:00

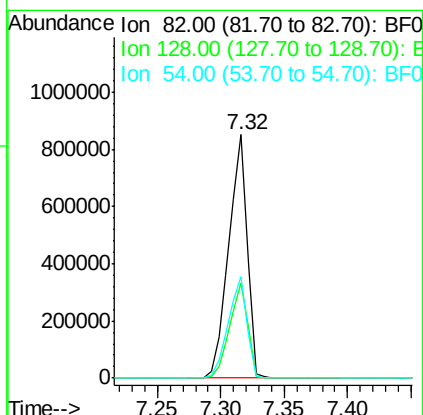
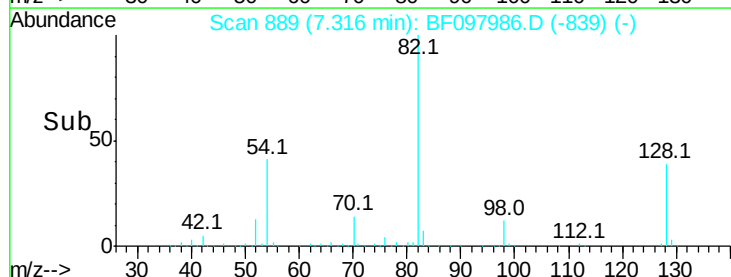
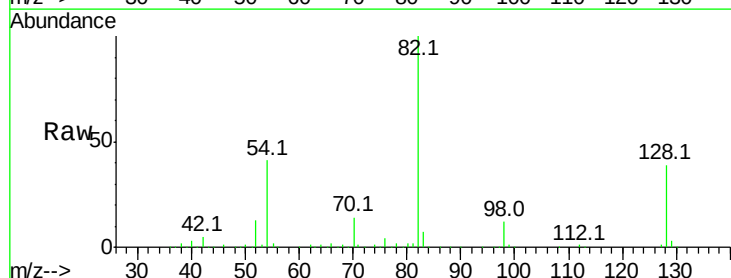
Instrument :
BNA_F
ClientSampleId :
TEC-BE1-1-3-COMP

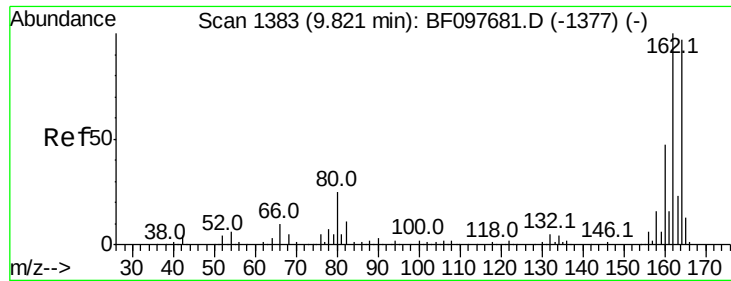
Tot Ion:136 Resp: 567458
Ion Ratio Lower Upper
136 100
137 10.9 8.5 12.7
54 7.2 4.9 7.3
68 6.9 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 82.430 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.01 min
Lab File: BF097986.D
Acq: 23 Aug 2017 7:00

Tgt Ion: 82 Resp: 861035
Ion Ratio Lower Upper
82 100
128 39.1 34.0 51.0
54 41.5 42.2 63.2#

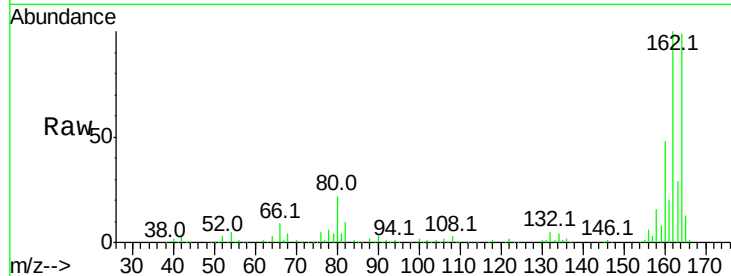




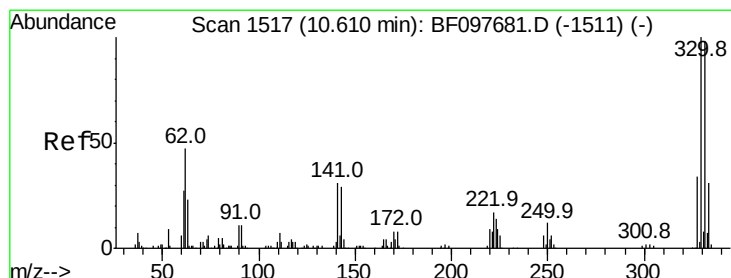
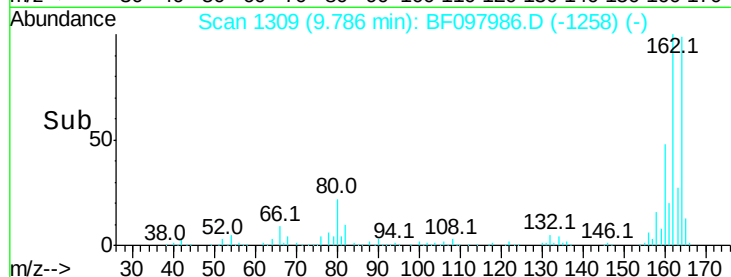
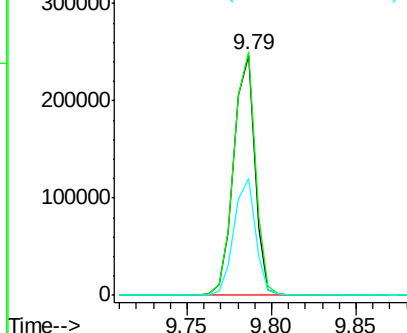
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.79 min Scan# 1309
 Delta R.T. 0.00 min
 Lab File: BF097986.D
 Acq: 23 Aug 2017 7:00

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

Tot Ion:164 Resp: 215038
 Ion Ratio Lower Upper
 164 100
 162 101.4 82.6 123.8
 160 48.5 36.2 54.2

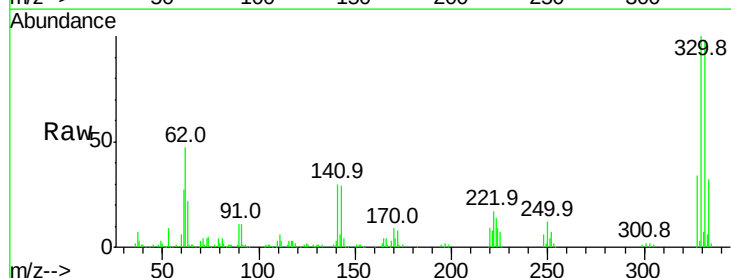


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

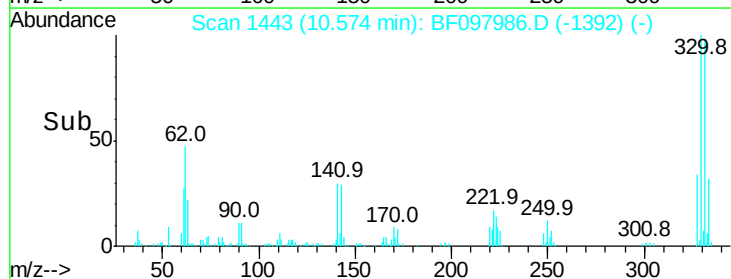
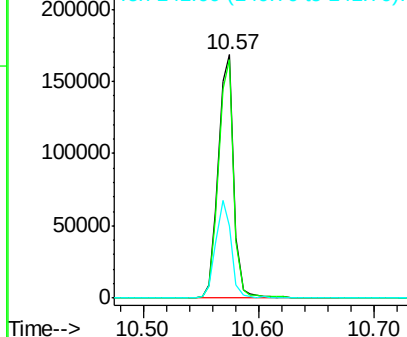


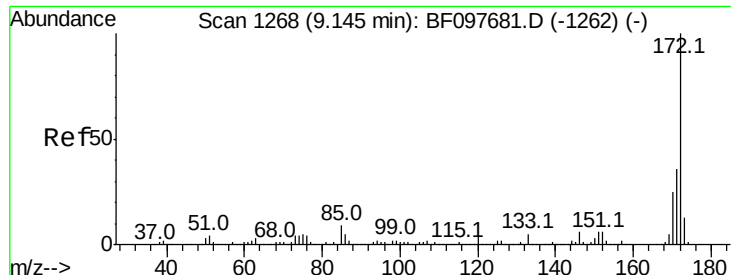
#41
 2,4,6-Tribromophenol
 Concen: 84.530 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. 0.00 min
 Lab File: BF097986.D
 Acq: 23 Aug 2017 7:00

Tgt Ion:330 Resp: 157717
 Ion Ratio Lower Upper
 330 100
 332 95.8 76.6 115.0
 141 40.2 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

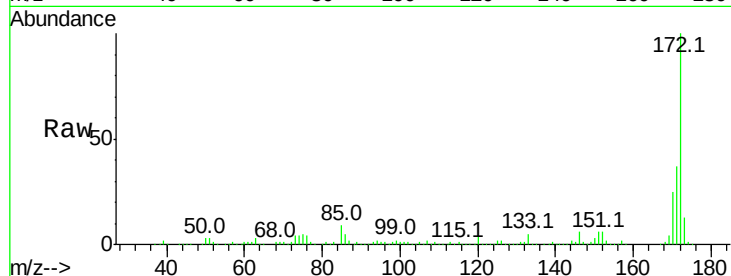




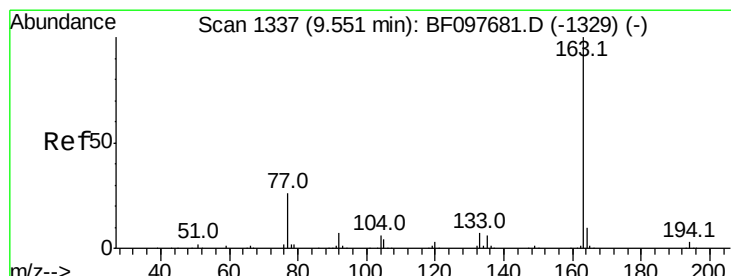
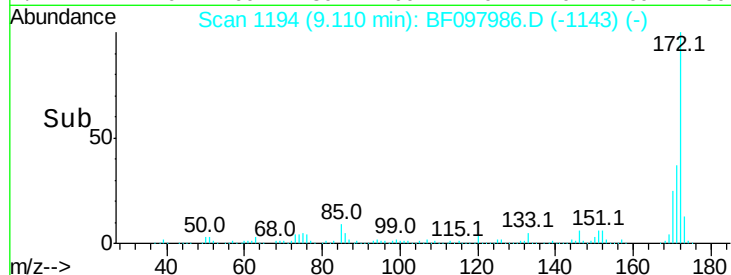
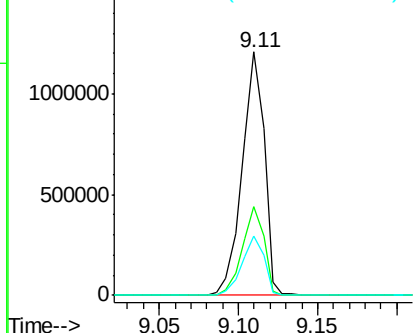
#44
2-Fluorobiphenyl
Concen: 79.848 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF097986.D
Acq: 23 Aug 2017 7:00

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

Tot Ion:172 Resp: 1168689
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 24.6 19.8 29.8

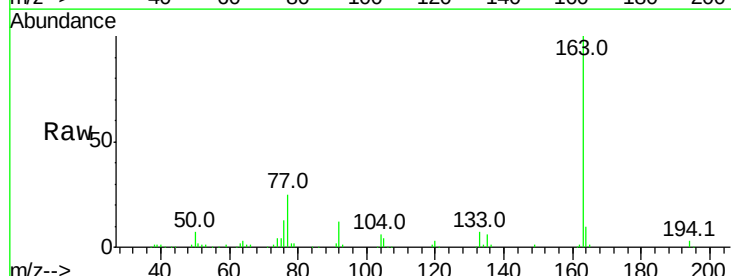


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

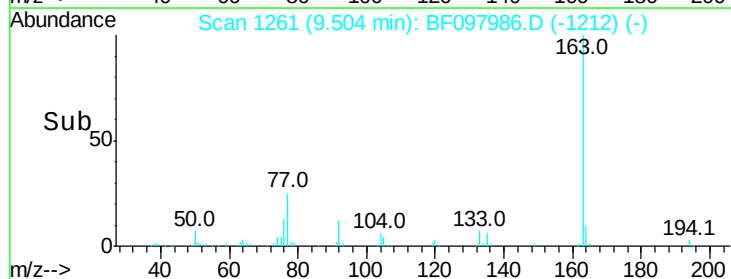
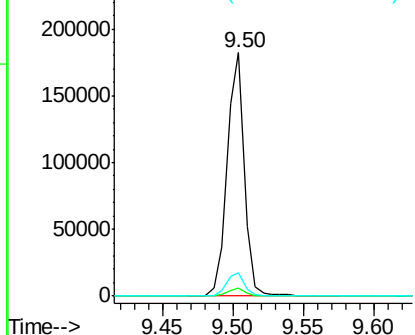


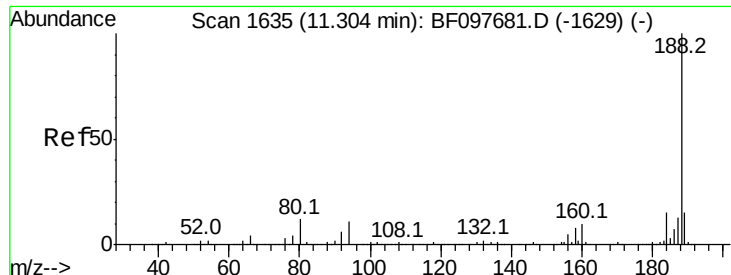
#49
Dimethylphthalate
Concen: 9.796 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097986.D
Acq: 23 Aug 2017 7:00

Tgt Ion:163 Resp: 153976
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: 11.27 min Scan# 1561

Delta R.T. 0.01 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

Instrument :

BNA_F

ClientSampleId :

TEC-BE1-1-3-COMP

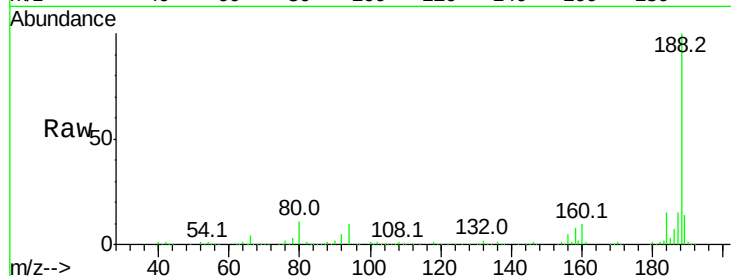
Tot Ion:188 Resp: 342127

Ion Ratio Lower Upper

188 100

94 10.1 9.4 14.2

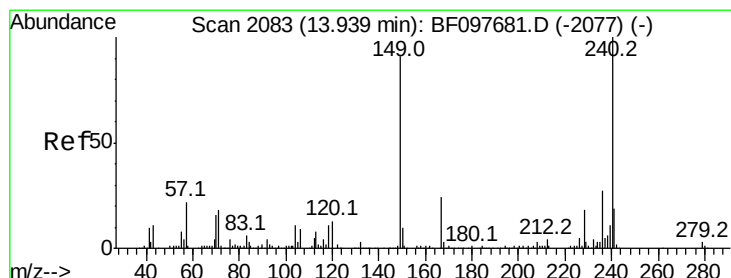
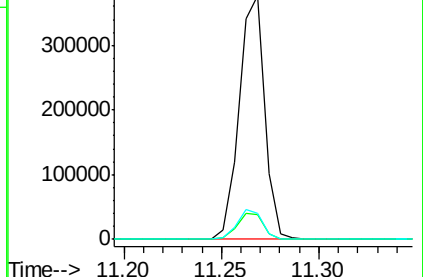
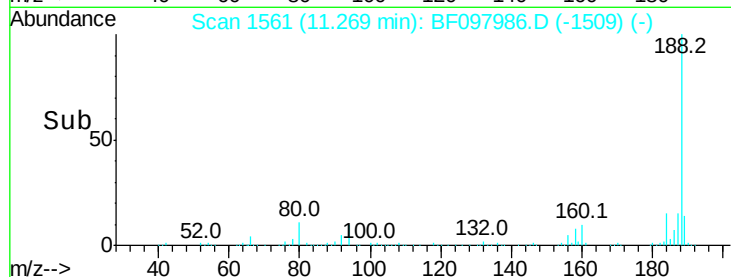
80 10.5 10.2 15.2



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: 13.90 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

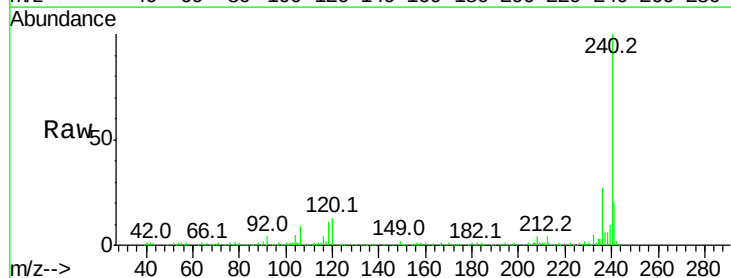
Tgt Ion:240 Resp: 325042

Ion Ratio Lower Upper

240 100

120 13.4 5.8 8.8#

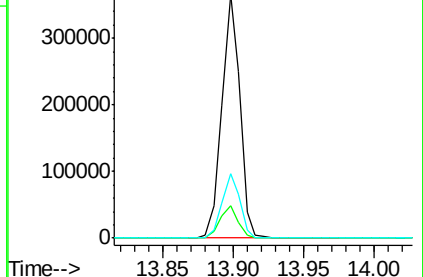
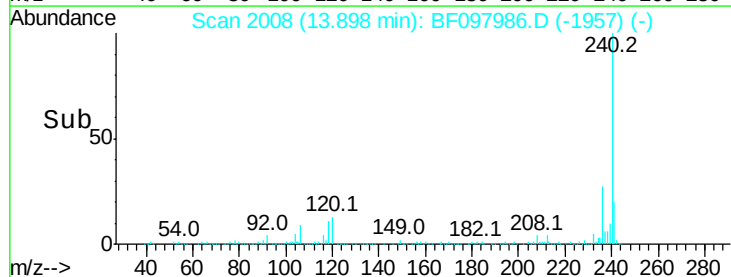
236 26.6 20.5 30.7

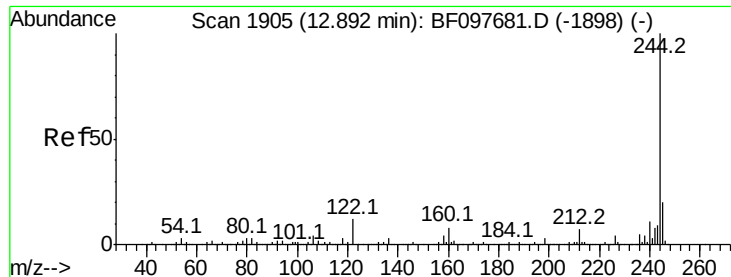


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 50.804 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

Instrument :

BNA_F

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TEC-BE1-1-3-COMP

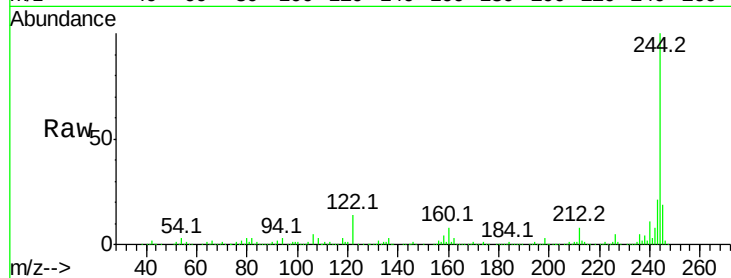
Tot Ion:244 Resp: 791884

Ion Ratio Lower Upper

244 100

212 7.8 6.0 9.0

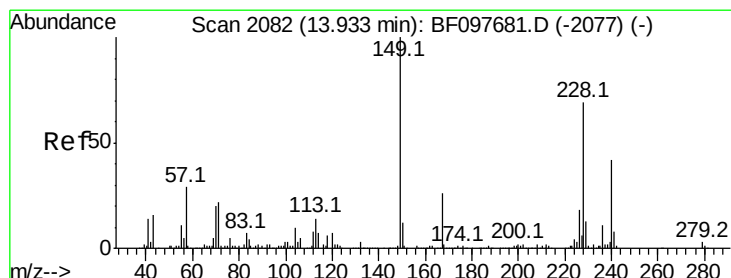
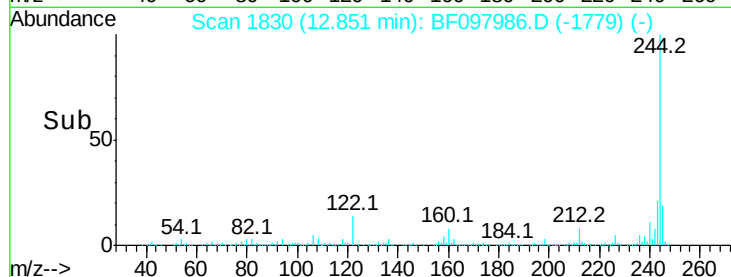
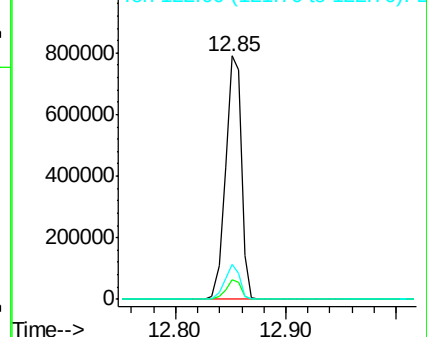
122 14.2 10.3 15.5



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



#83

Bis(2-ethylhexyl)phthalate

Concen: 2.179 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF097986.D

Acq: 23 Aug 2017 7:00

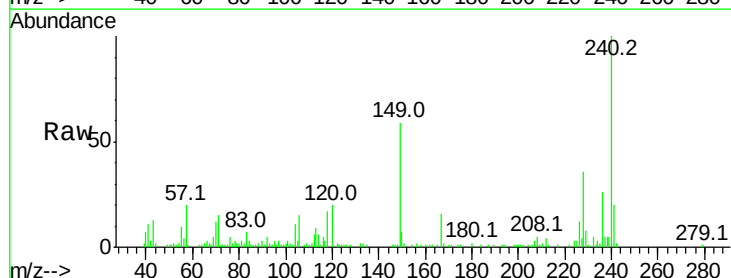
Tgt Ion:149 Resp: 24611

Ion Ratio Lower Upper

149 100

167 26.5 21.0 31.4

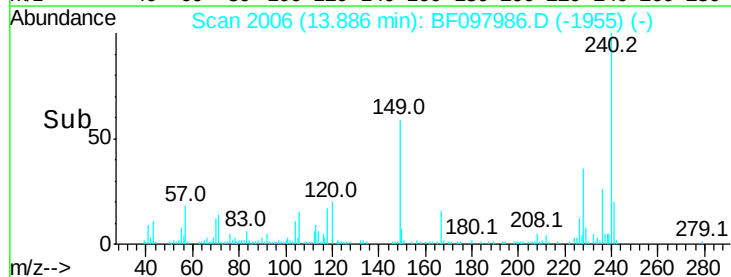
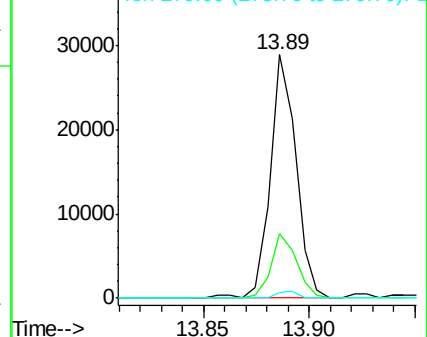
279 2.3 1.9 2.9

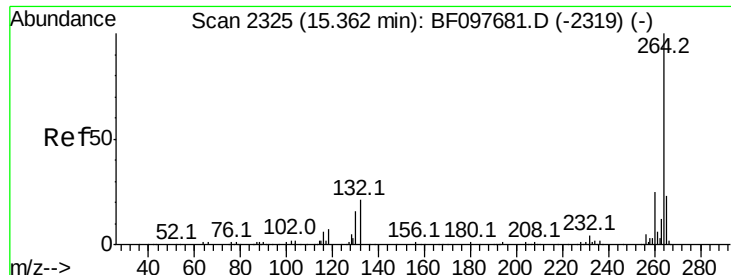


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

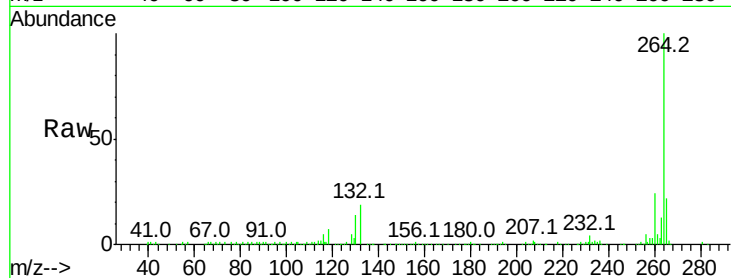




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2250
Delta R.T. 0.01 min
Lab File: BF097986.D
Acq: 23 Aug 2017 7:00

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.5	29.3
265	21.9	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

