

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
 Data File : BF097936.D
 Acq On : 22 Aug 2017 6:10
 Operator : SJ/JU
 Sample : I4872-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Quant Time: Aug 22 08:13:02 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

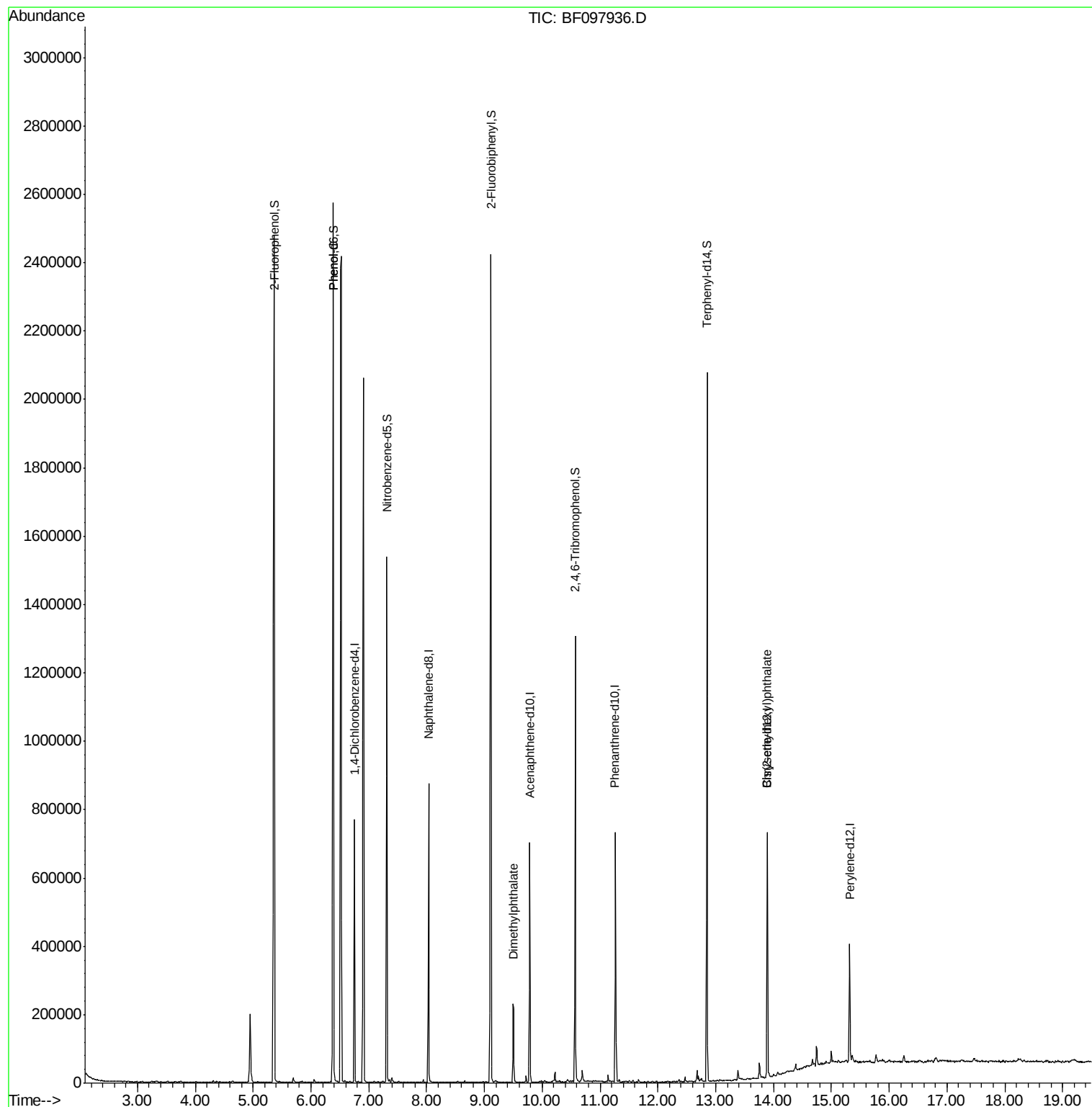
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	101094	20.00	ng	0.00
21) Naphthalene-d8	8.03	136	359856	20.00	ng	0.00
38) Acenaphthene-d10	9.78	164	134833	20.00	ng	0.00
63) Phenanthrene-d10	11.26	188	245968	20.00	ng	0.00
75) Chrysene-d12	13.90	240	210563	20.00	ng	0.00
86) Perylene-d12	15.32	264	145963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	741489	111.57	ng	0.01
7) Phenol-d6	6.39	99	950559	105.26	ng	0.00
23) Nitrobenzene-d5	7.31	82	552565	83.42	ng	-0.01
41) 2,4,6-Tribromophenol	10.57	330	125097	106.93	ng	0.00
44) 2-Fluorobiphenyl	9.11	172	741132	80.76	ng	0.00
78) Terphenyl-d14	12.85	244	593733	58.80	ng	0.00
Target Compounds						
10) Phenol	6.39	94	26821	2.540	ng	80
49) Dimethylphthalate	9.50	163	86256	8.752	ng	98
83) Bis(2-ethylhexyl)phthalate	13.89	149	54723	7.479	ng	96

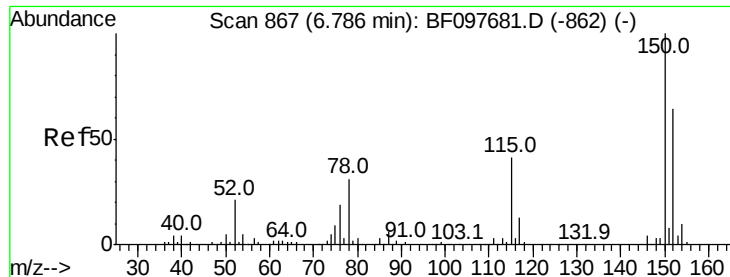
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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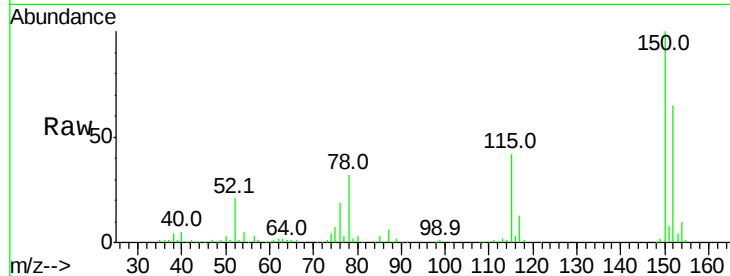


#1

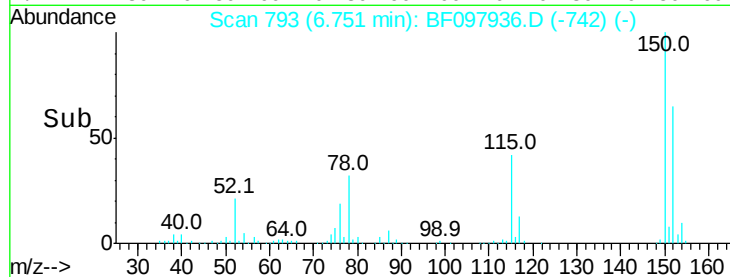
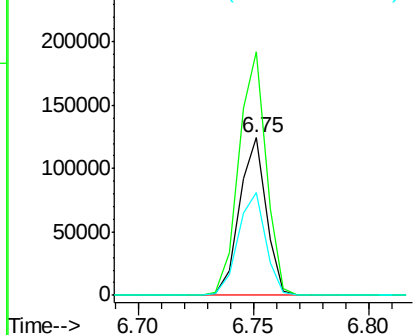
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.75 min Scan# 793
Delta R.T. 0.00 min
Lab File: BF097936.D
Acq: 22 Aug 2017 6:10

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Tot Ion:152 Resp: 101094
Ion Ratio Lower Upper
152 100
150 154.6 126.2 189.2
115 64.9 52.2 78.2



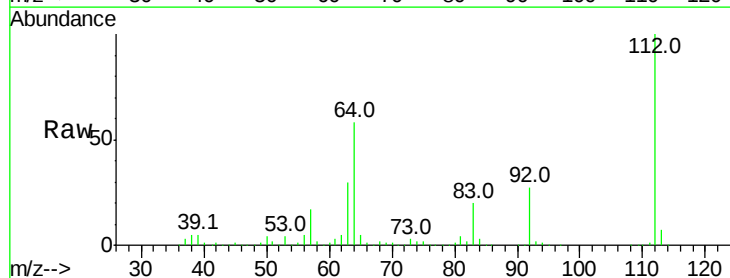
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



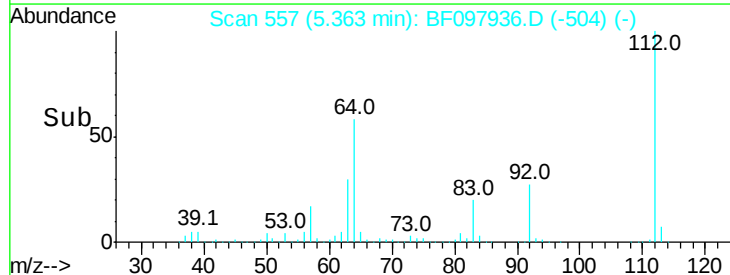
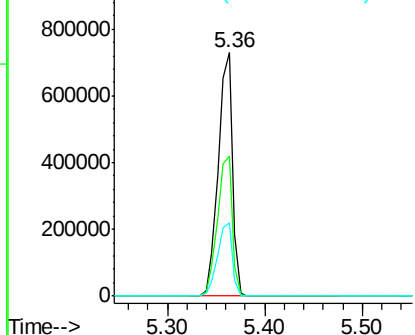
#5

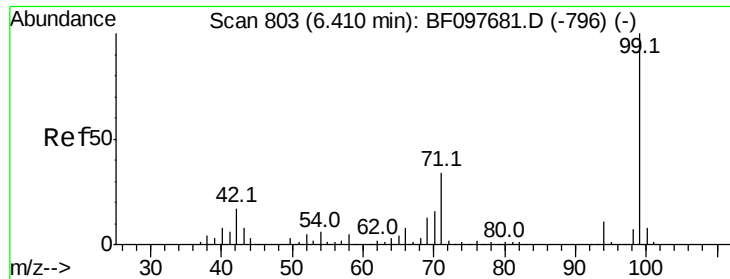
2-Fluorophenol
Concen: 111.565 ng
RT: 5.36 min Scan# 557
Delta R.T. 0.01 min
Lab File: BF097936.D
Acq: 22 Aug 2017 6:10

Tgt Ion:112 Resp: 741489
Ion Ratio Lower Upper
112 100
64 57.6 46.0 69.0
63 30.0 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: 105.263 ng

RT: 6.39 min Scan# 731

Delta R.T. 0.00 min

Lab File: BF097936.D

Acq: 22 Aug 2017 6:10

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

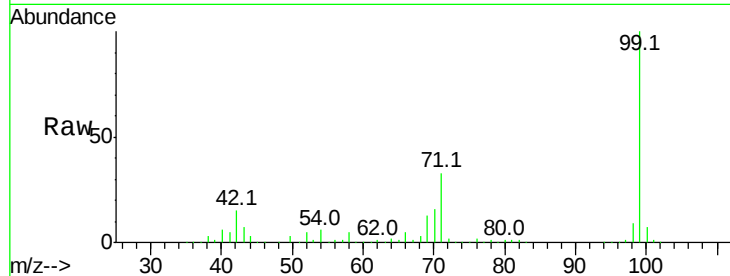
Tot Ion: 99 Resp: 950559

Ion Ratio Lower Upper

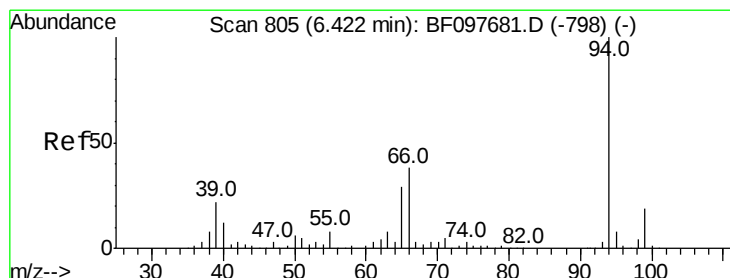
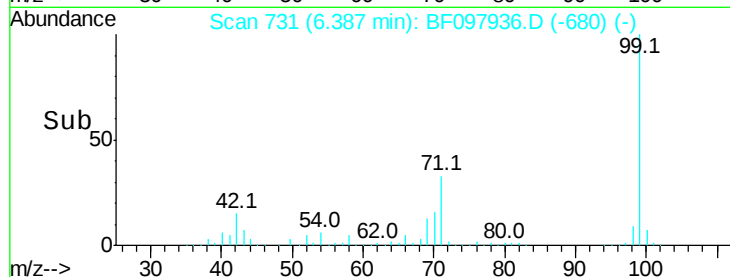
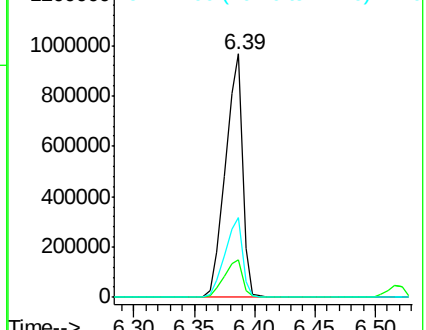
99 100

42 15.4 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



#10

Phenol

Concen: 2.540 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF097936.D

Acq: 22 Aug 2017 6:10

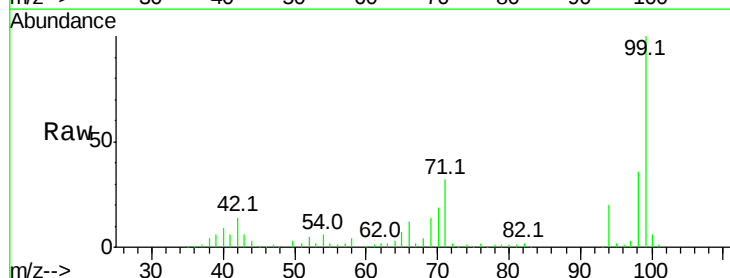
Tgt Ion: 94 Resp: 26821

Ion Ratio Lower Upper

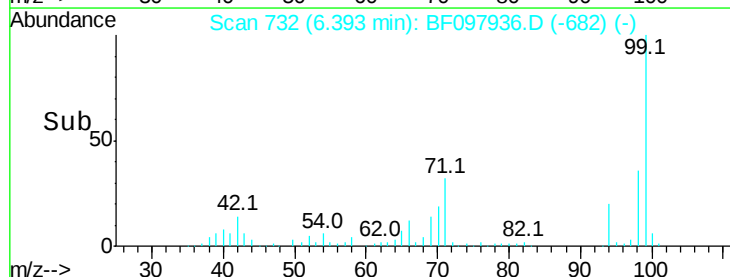
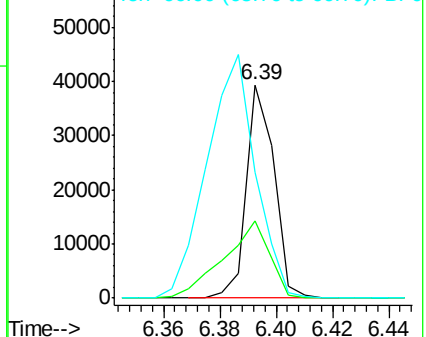
94 100

65 36.4 9.9 49.9

66 59.2 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# 1011

Delta R.T. 0.00 min

Lab File: BF097936.D

Acq: 22 Aug 2017 6:10

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

Tot Ion:136 Resp: 359856

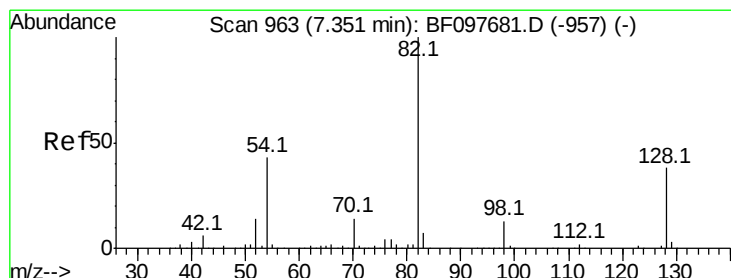
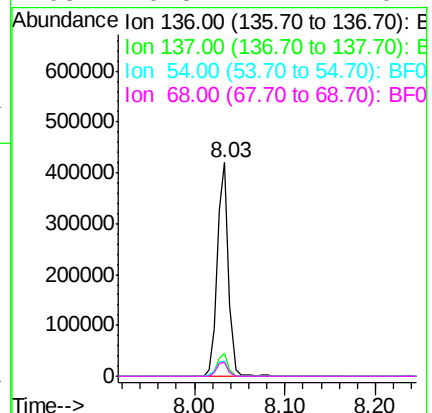
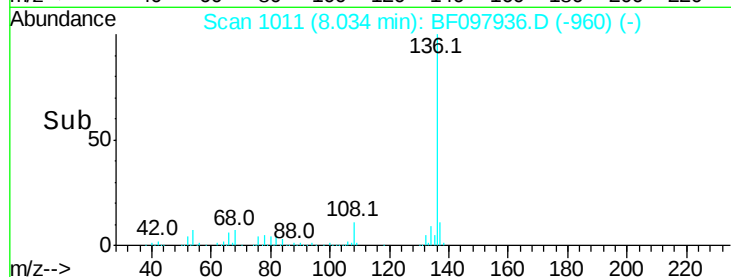
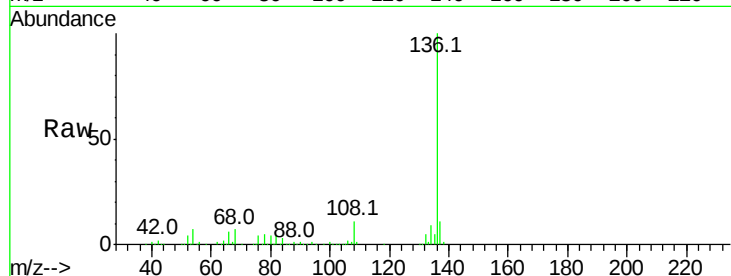
Ion Ratio Lower Upper

136 100

137 10.6 8.5 12.7

54 7.4 4.9 7.3#

68 6.8 4.1 6.1#



#23

Nitrobenzene-d5

Concen: 83.416 ng

RT: 7.31 min Scan# 888

Delta R.T. -0.01 min

Lab File: BF097936.D

Acq: 22 Aug 2017 6:10

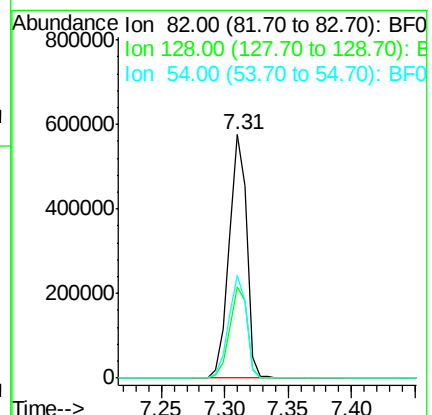
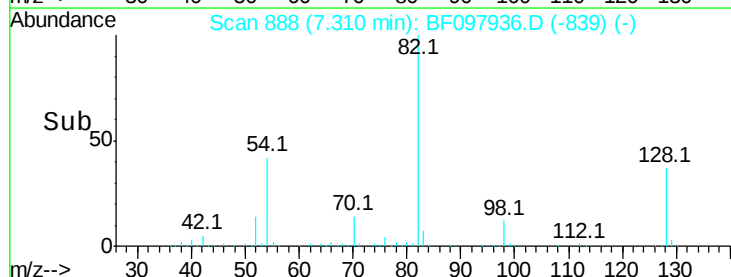
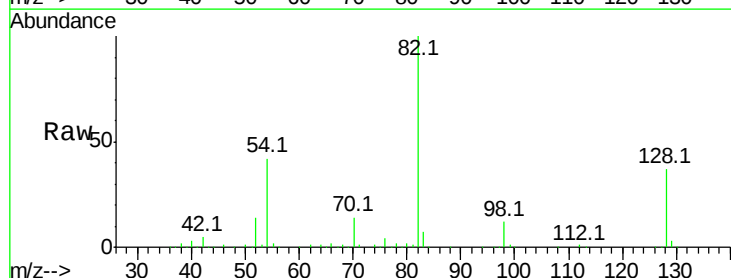
Tgt Ion: 82 Resp: 552565

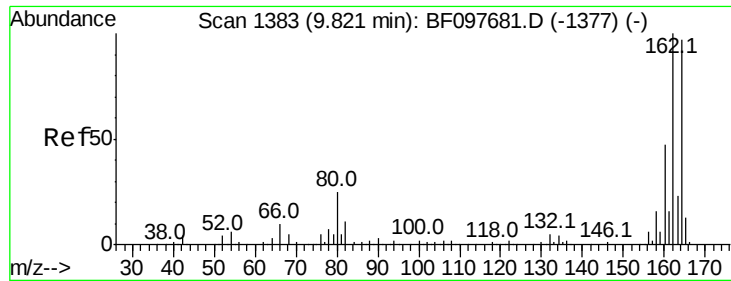
Ion Ratio Lower Upper

82 100

128 37.4 34.0 51.0

54 42.4 42.2 63.2

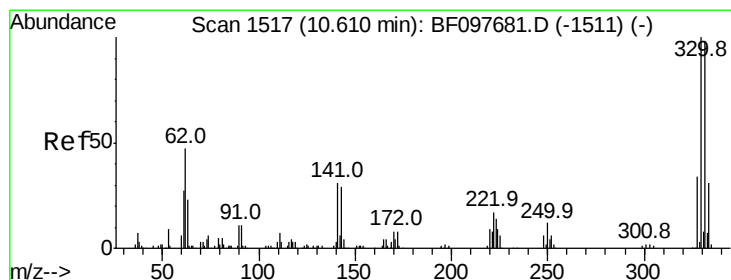
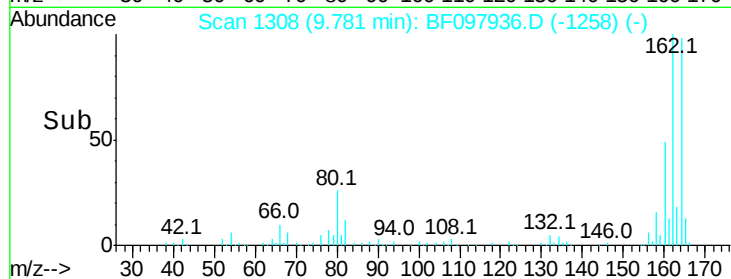
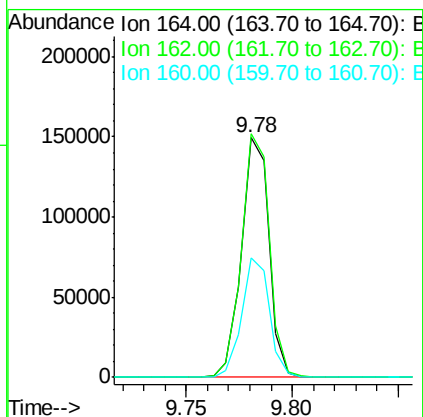
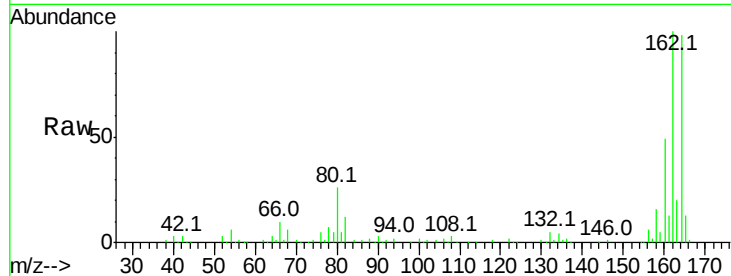




#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.78 min Scan# 1308
 Delta R.T. -0.01 min
 Lab File: BF097936.D
 Acq: 22 Aug 2017 6:10

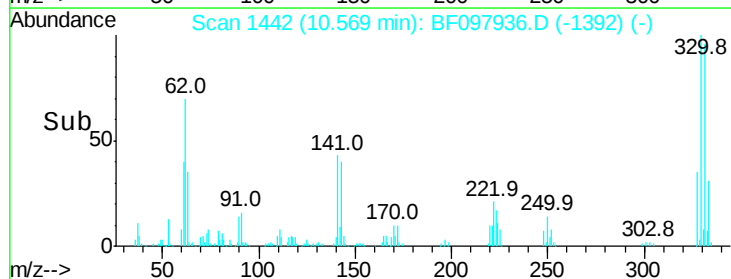
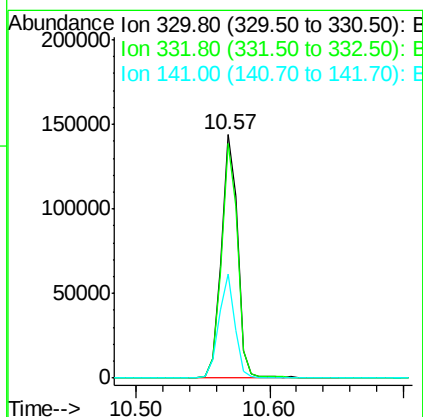
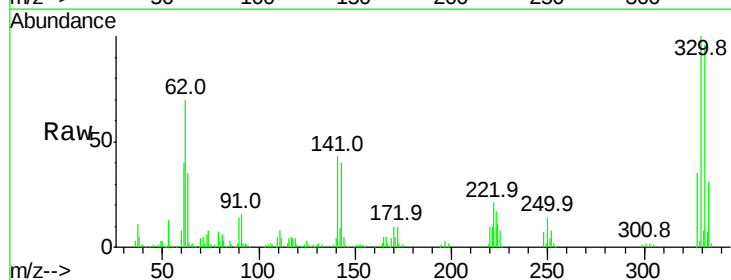
Instrument :
 BNA_F
 ClientSampleId :
 SB-07-COMP

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.8	82.6	123.8
160	50.0	36.2	54.2



#41
 2,4,6-Tribromophenol
 Concen: 106.930 ng
 RT: 10.57 min Scan# 1442
 Delta R.T. -0.01 min
 Lab File: BF097936.D
 Acq: 22 Aug 2017 6:10

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.5	76.6	115.0
141	42.0	31.4	47.2

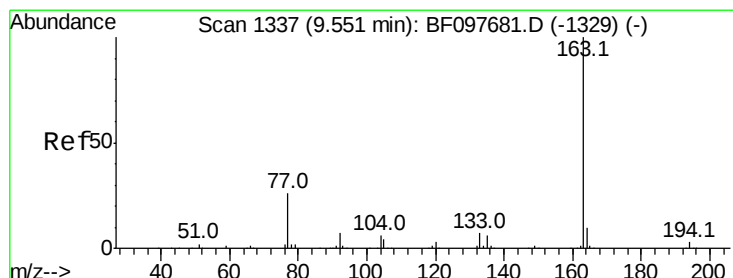
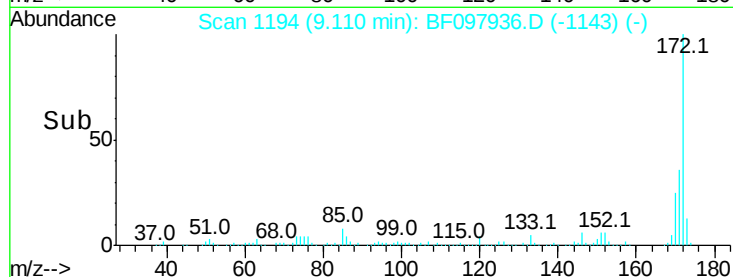
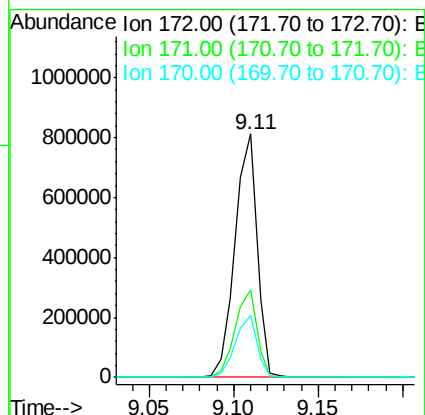
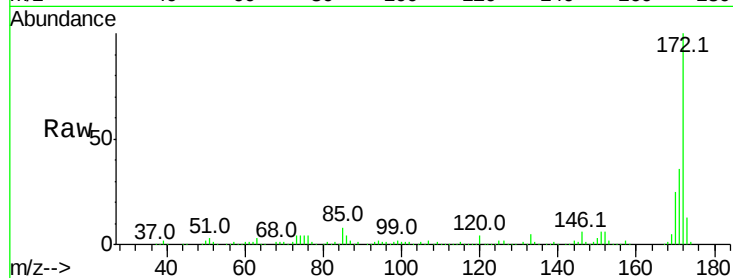




#44
2-Fluorobiphenyl
Concen: 80.757 ng
RT: 9.11 min Scan# 1194
Delta R.T. 0.00 min
Lab File: BF097936.D
Acq: 22 Aug 2017 6:10

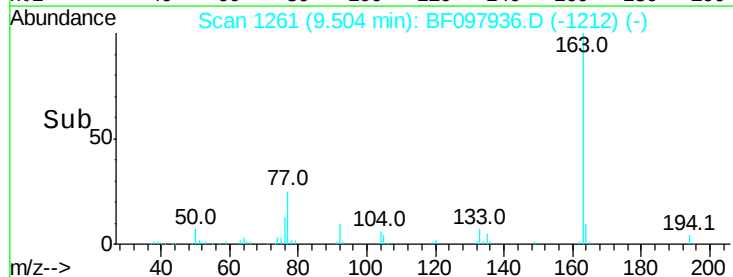
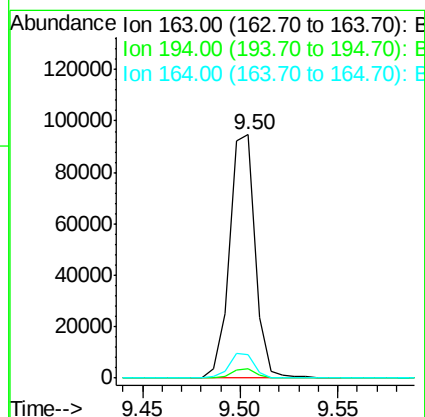
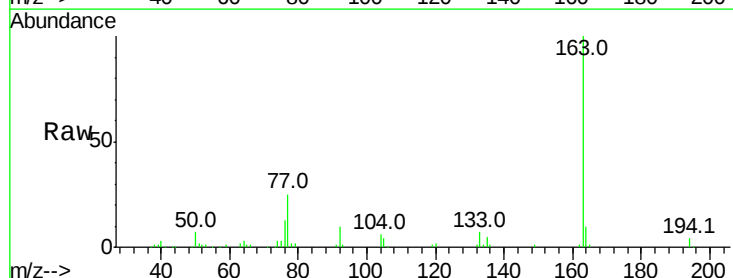
Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

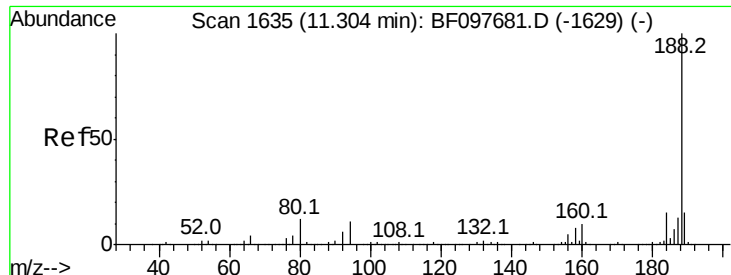
Tot Ion:172 Resp: 741132
Ion Ratio Lower Upper
172 100
171 35.8 29.6 44.4
170 25.2 19.8 29.8



#49
Dimethylphthalate
Concen: 8.752 ng
RT: 9.50 min Scan# 1261
Delta R.T. -0.01 min
Lab File: BF097936.D
Acq: 22 Aug 2017 6:10

Tgt Ion:163 Resp: 86256
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 9.8 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: BF097936.D

Acq: 22 Aug 2017 6:10

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

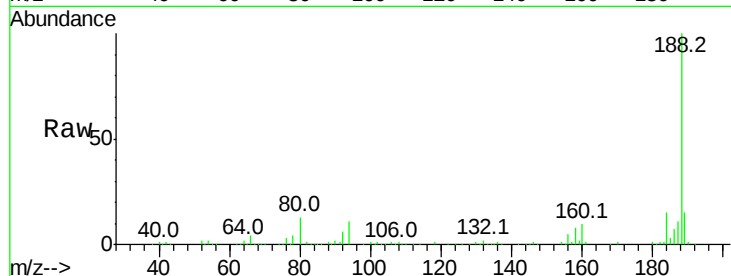
Tot Ion:188 Resp: 245968

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.2

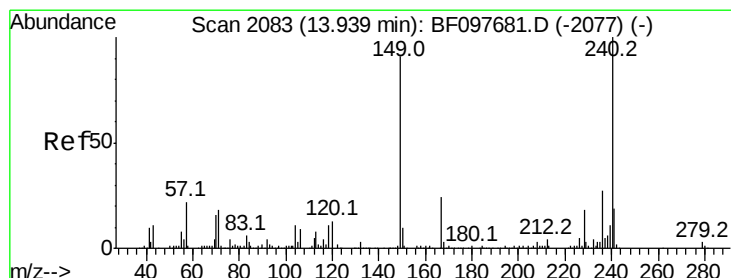
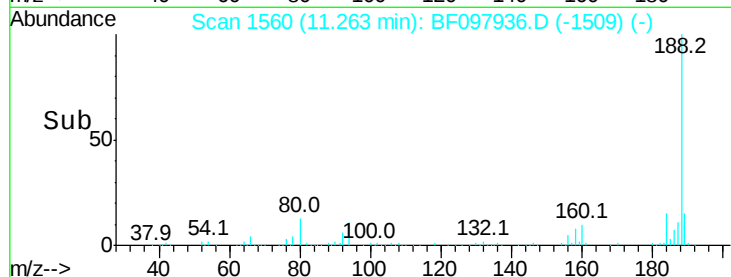
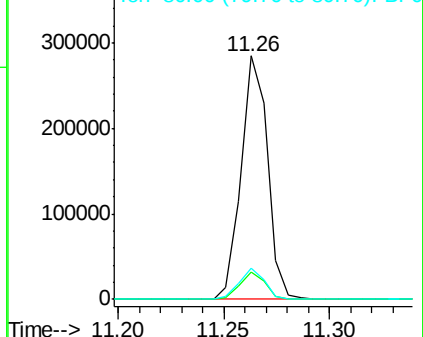
80 12.5 10.2 15.2



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: BF097936.D

Acq: 22 Aug 2017 6:10

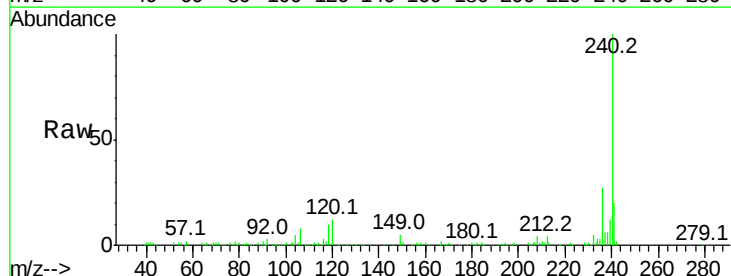
Tgt Ion:240 Resp: 210563

Ion Ratio Lower Upper

240 100

120 11.6 5.8 8.8#

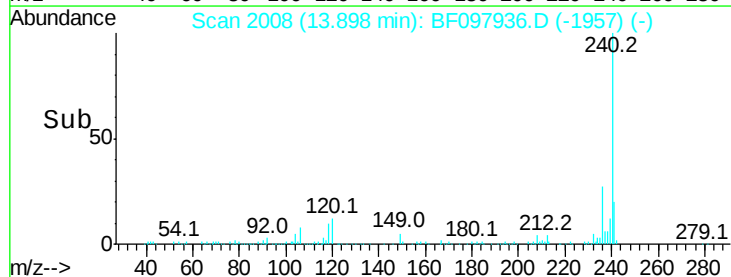
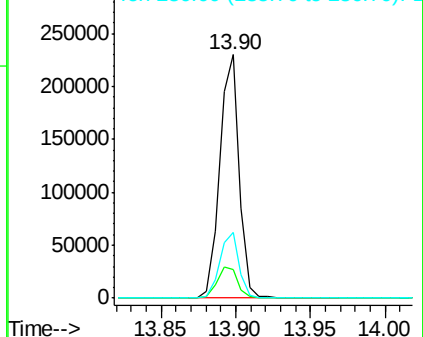
236 27.2 20.5 30.7

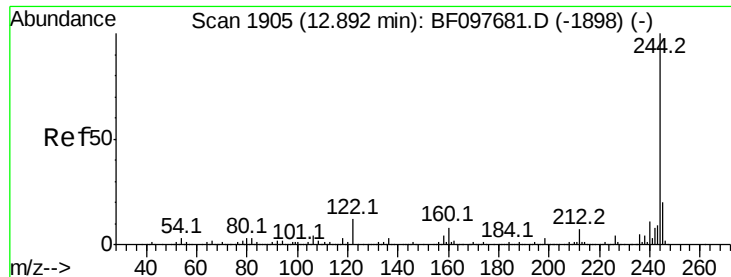


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 58.801 ng

RT: 12.85 min Scan# 1830

Delta R.T. 0.00 min

Lab File: BF097936.D

Acq: 22 Aug 2017 6:10

Instrument :

BNA_F

ClientSampleId :

SB-07-COMP

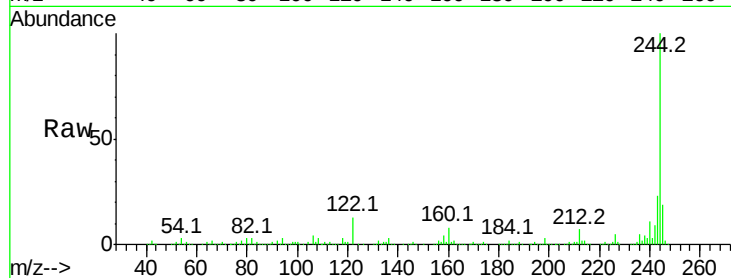
Tot Ion:244 Resp: 593733

Ion Ratio Lower Upper

244 100

212 7.4 6.0 9.0

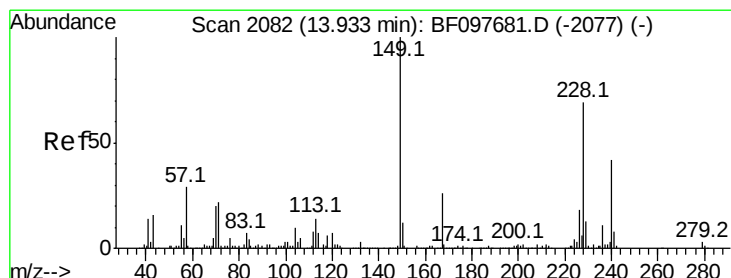
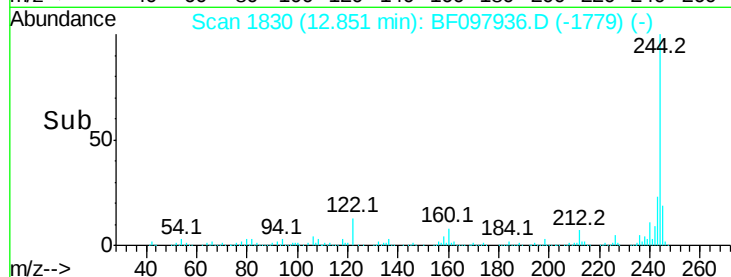
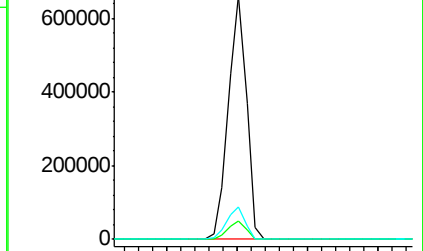
122 13.3 10.3 15.5



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: 7.479 ng

RT: 13.89 min Scan# 2006

Delta R.T. 0.00 min

Lab File: BF097936.D

Acq: 22 Aug 2017 6:10

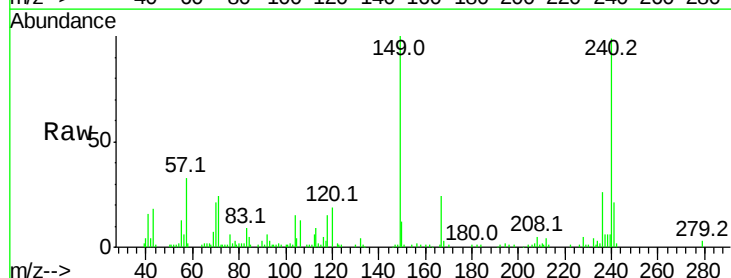
Tgt Ion:149 Resp: 54723

Ion Ratio Lower Upper

149 100

167 23.8 21.0 31.4

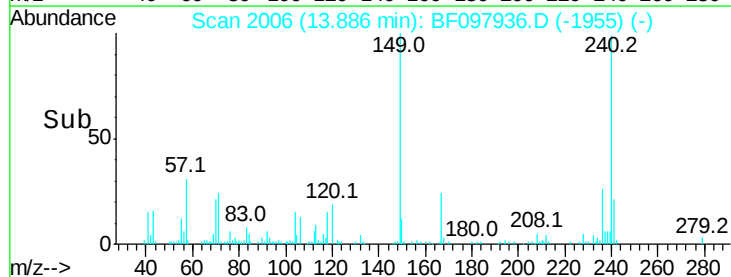
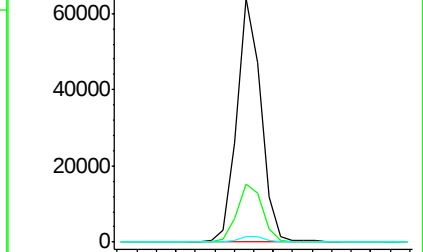
279 2.5 1.9 2.9

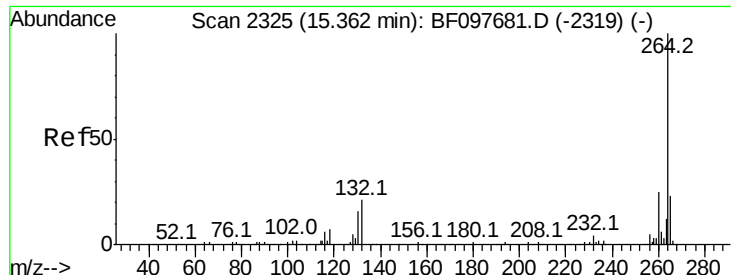


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

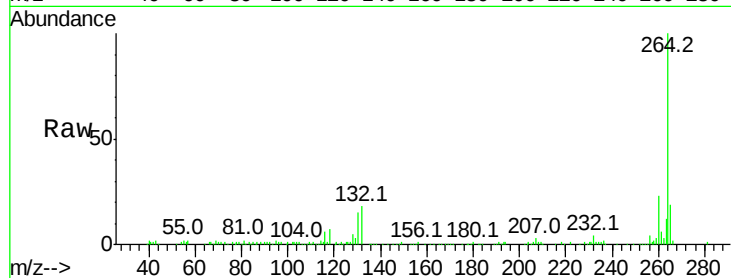




#86
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF097936.D
Acq: 22 Aug 2017 6:10

Instrument :
BNA_F
ClientSampleId :
SB-07-COMP

Tot Ion:264 Resp: 145963
Ion Ratio Lower Upper
264 100
260 23.4 19.5 29.3
265 19.5 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

