

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080217\
 Data File : BF097317.D
 Acq On : 3 Aug 2017 13:21
 Operator : SJ/JU
 Sample : I4493-01
 Misc :
 ALS Vial : 46 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-NSW

Quant Time: Aug 03 14:17:08 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 03 12:06:13 2017
 Response via : Initial Calibration

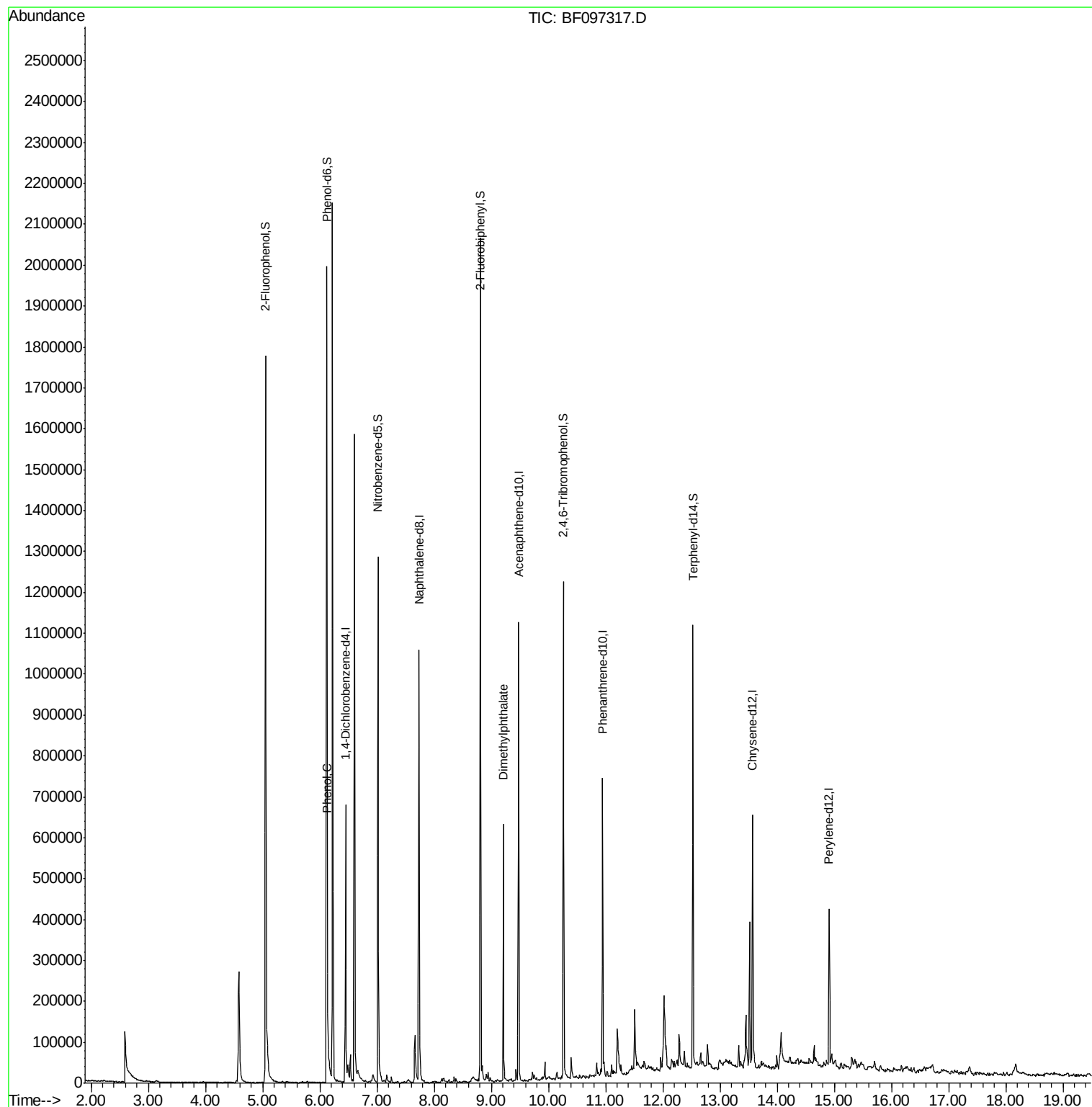
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.45	152	104862	20.00	ng	0.00
21) Naphthalene-d8	7.73	136	461807	20.00	ng	0.00
38) Acenaphthene-d10	9.47	164	200844	20.00	ng	0.00
63) Phenanthrene-d10	10.95	188	270733	20.00	ng	-0.01
75) Chrysene-d12	13.57	240	201181	20.00	ng	-0.01
86) Perylene-d12	14.91	264	156701	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.05	112	599320	86.16	ng	0.00
7) Phenol-d6	6.12	99	721834	90.90	ng	0.00
23) Nitrobenzene-d5	7.02	82	418624	53.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.26	330	126693	79.84	ng	-0.01
44) 2-Fluorobiphenyl	8.81	172	591864	50.01	ng	0.00
78) Terphenyl-d14	12.53	244	313676	31.79	ng	-0.01
Target Compounds						
10) Phenol	6.13	94	30182	3.204	ng	96
49) Dimethylphthalate	9.21	163	224812	14.740	ng	100

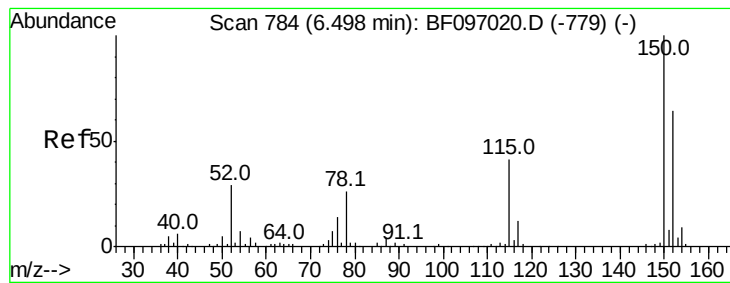
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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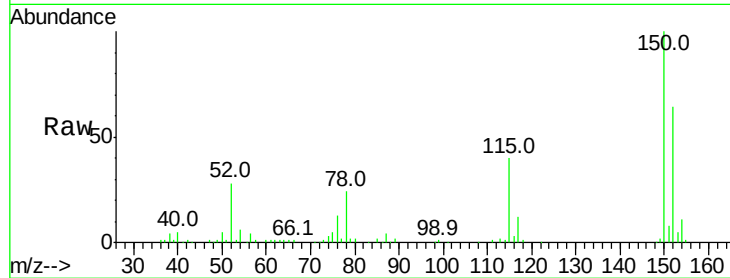


#1

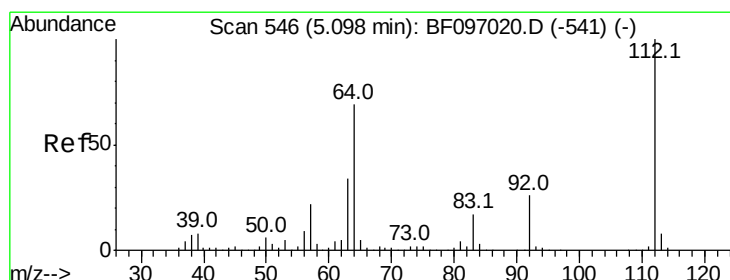
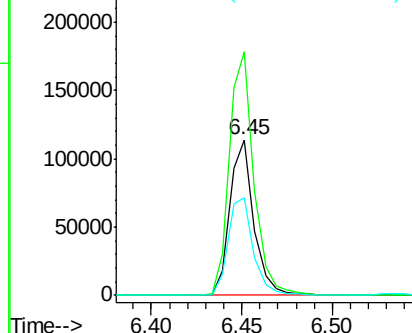
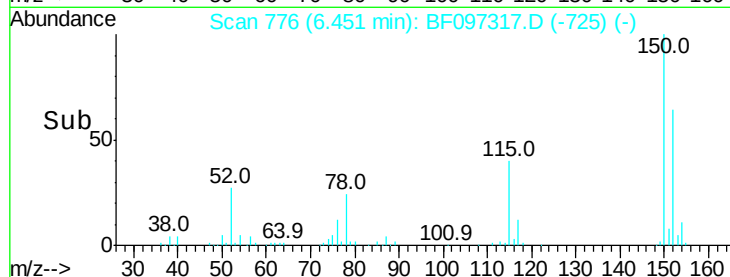
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.45 min Scan# 776
 Delta R.T. 0.00 min
 Lab File: BF097317.D
 Acq: 3 Aug 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-NSW

Tot Ion:152 Resp: 104862
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.2 189.2
 115 63.1 52.2 78.2



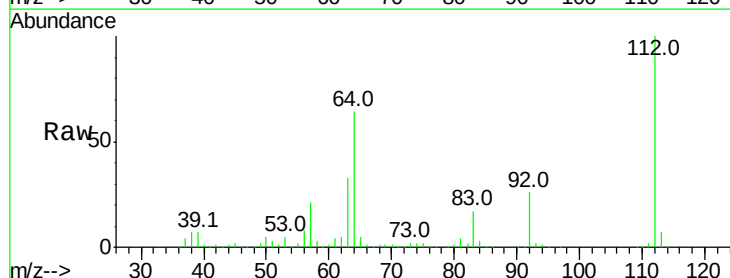
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



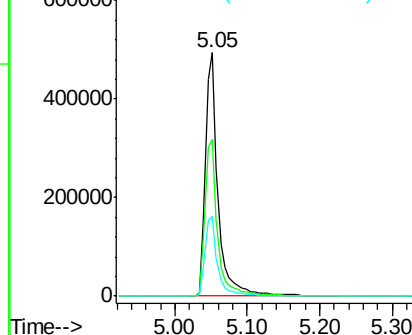
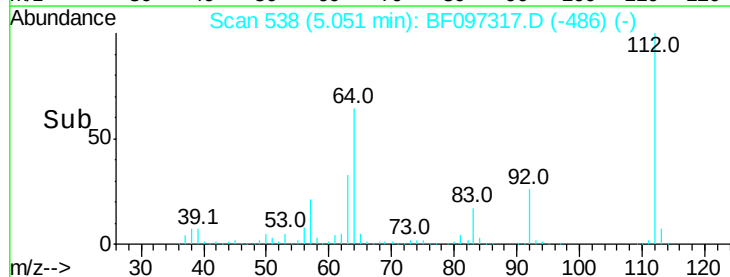
#5

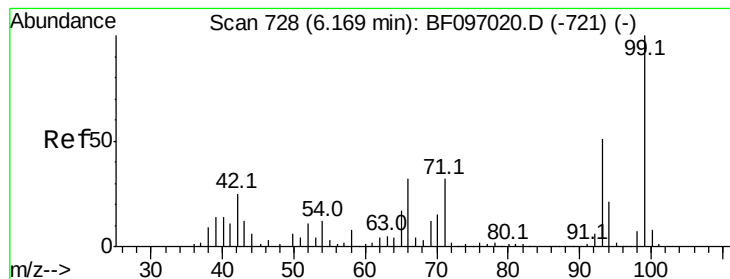
2-Fluorophenol
 Concen: 86.158 ng
 RT: 5.05 min Scan# 538
 Delta R.T. 0.01 min
 Lab File: BF097317.D
 Acq: 3 Aug 2017 13:21

Tgt Ion:112 Resp: 599320
 Ion Ratio Lower Upper
 112 100
 64 64.1 46.0 69.0
 63 32.7 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: 90.898 ng

RT: 6.12 min Scan# 720

Delta R.T. -0.01 min

Lab File: BF097317.D

Acq: 3 Aug 2017 13:21

Instrument :

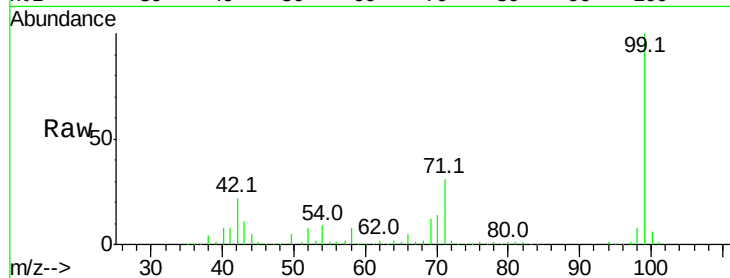
BNA_F

ClientSampleId :

E2-HS6-NSW

Tot Ion: 99 Resp: 721834

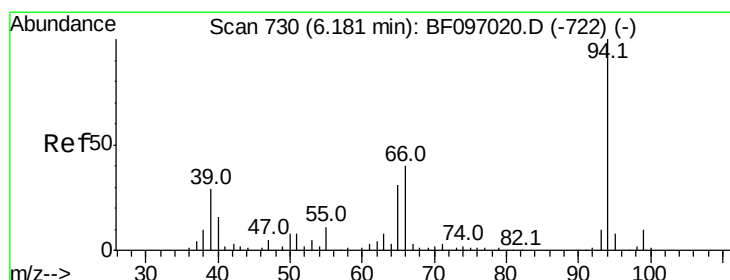
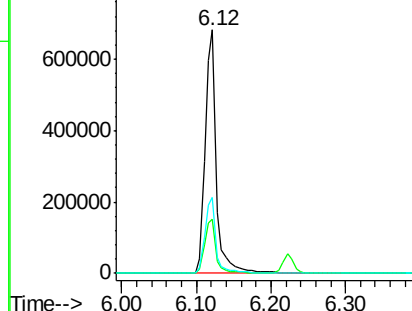
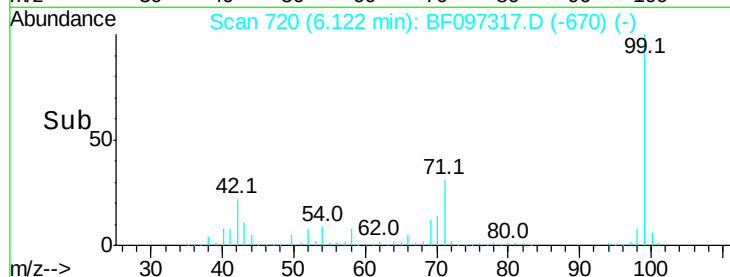
Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.5	20.3#
71	31.1	24.5	36.7



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: 3.204 ng

RT: 6.13 min Scan# 722

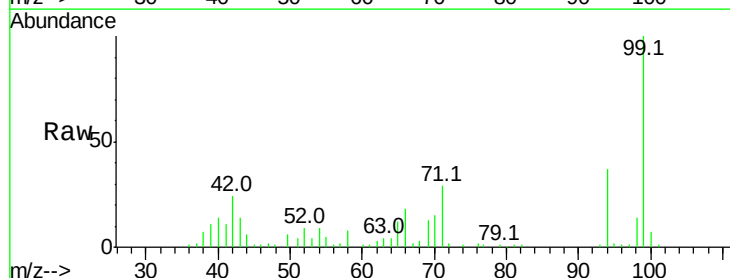
Delta R.T. -0.01 min

Lab File: BF097317.D

Acq: 3 Aug 2017 13:21

Tgt Ion: 94 Resp: 30182

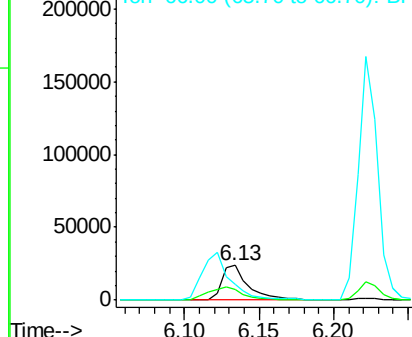
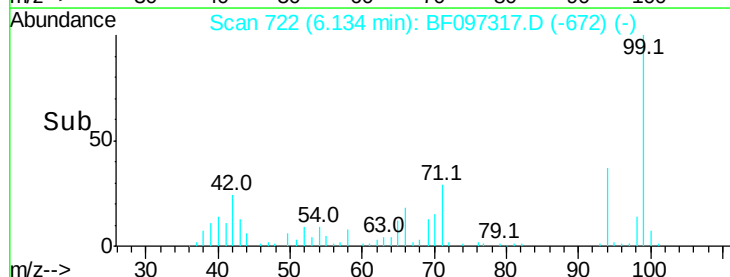
Ion	Ratio	Lower	Upper
94	100		
65	30.8	9.9	49.9
66	46.8	23.1	63.1

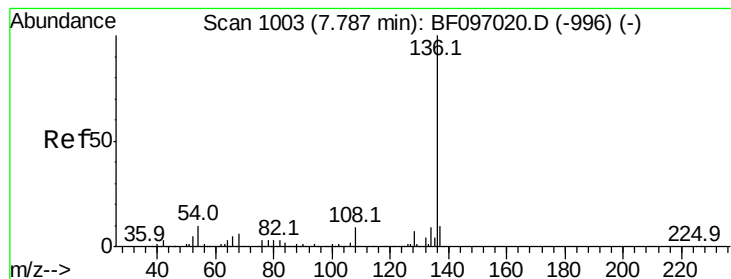


Abundance Ion 94.00 (93.70 to 94.70): BF0

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: 7.73 min Scan# 994

Delta R.T. -0.01 min

Lab File: BF097317.D

Acq: 3 Aug 2017 13:21

Instrument :

BNA_F

ClientSampleId :

E2-HS6-NSW

Tot Ion:136 Resp: 461807

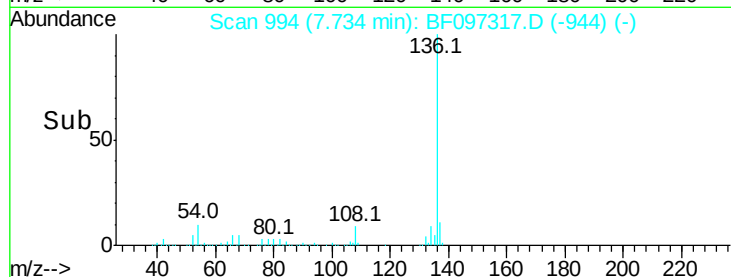
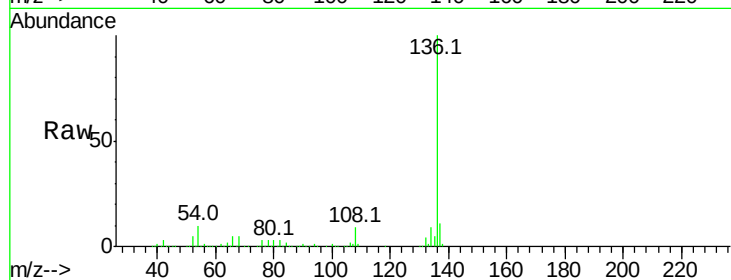
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 9.8 4.9 7.3#

68 5.3 4.1 6.1

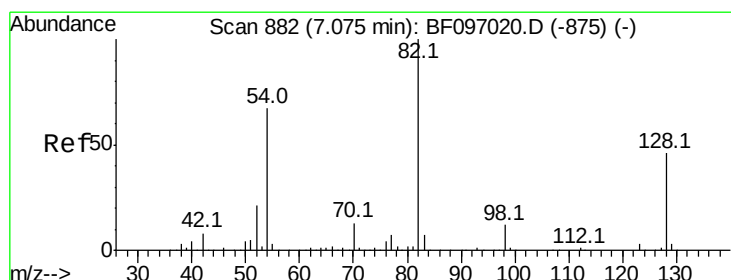
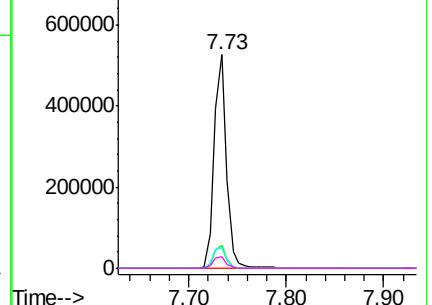


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.178 ng

RT: 7.02 min Scan# 872

Delta R.T. -0.01 min

Lab File: BF097317.D

Acq: 3 Aug 2017 13:21

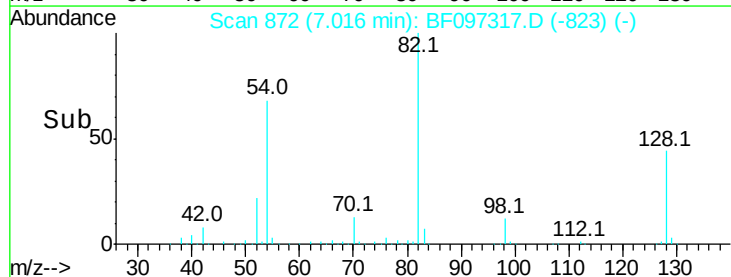
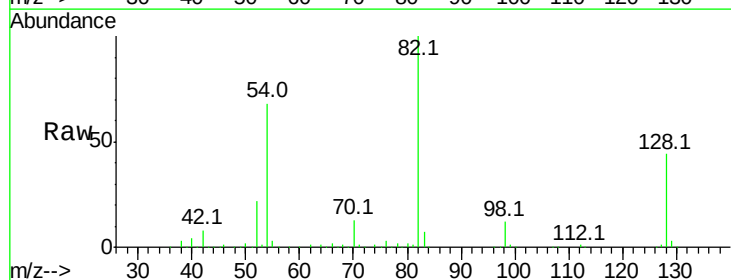
Tgt Ion: 82 Resp: 418624

Ion Ratio Lower Upper

82 100

128 44.3 34.0 51.0

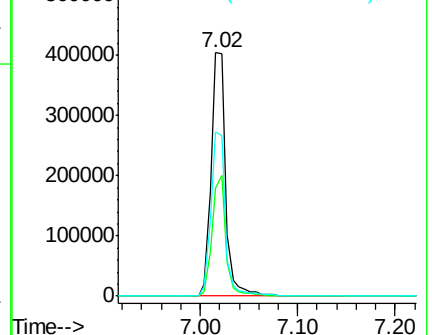
54 67.6 42.2 63.2#

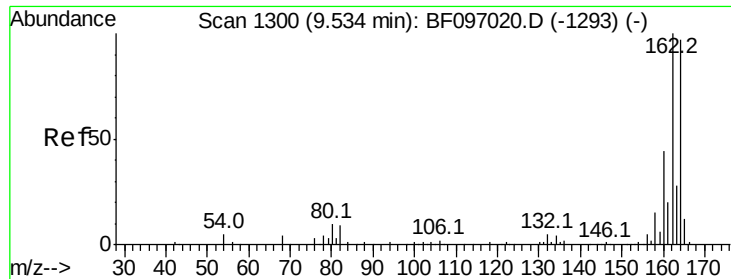


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

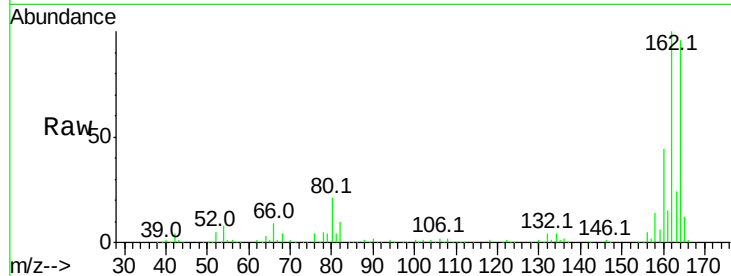




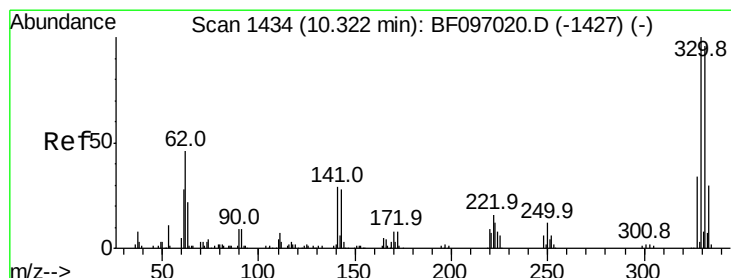
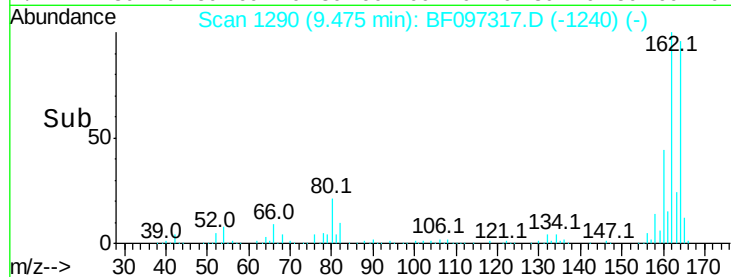
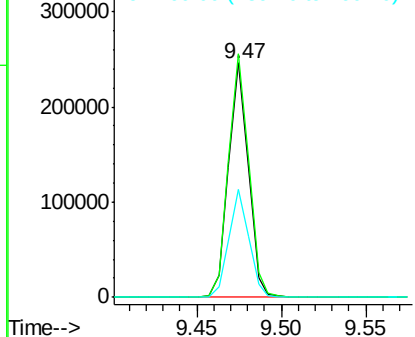
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.47 min Scan# 1290
 Delta R.T. -0.01 min
 Lab File: BF097317.D
 Acq: 3 Aug 2017 13:21

Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-NSW

Tot Ion:164 Resp: 200844
 Ion Ratio Lower Upper
 164 100
 162 103.9 82.6 123.8
 160 46.2 36.2 54.2

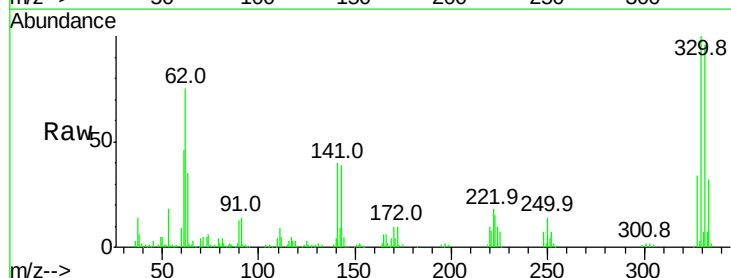


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

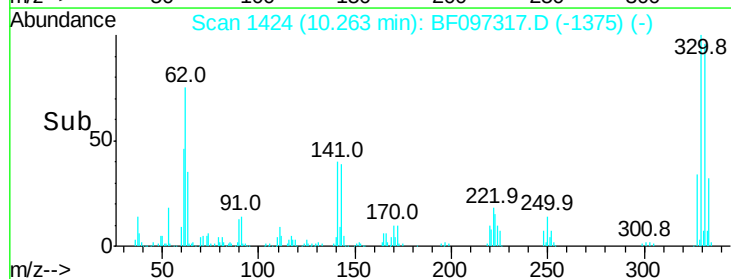
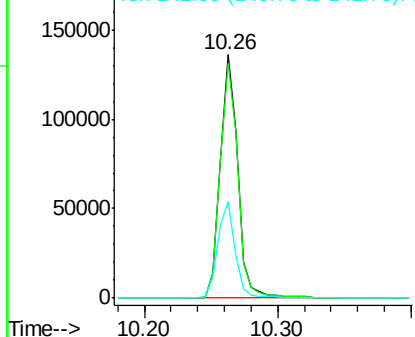


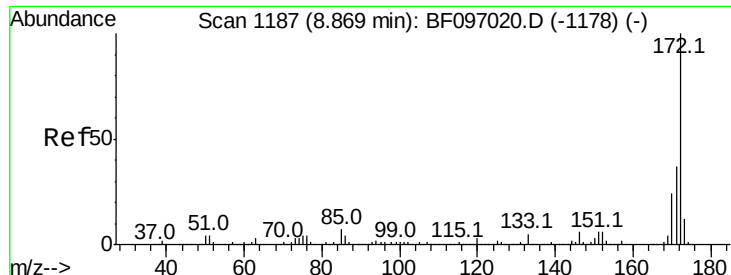
#41
 2,4,6-Tribromophenol
 Concen: 79.839 ng
 RT: 10.26 min Scan# 1424
 Delta R.T. -0.01 min
 Lab File: BF097317.D
 Acq: 3 Aug 2017 13:21

Tgt Ion:330 Resp: 126693
 Ion Ratio Lower Upper
 330 100
 332 98.2 76.6 115.0
 141 40.1 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

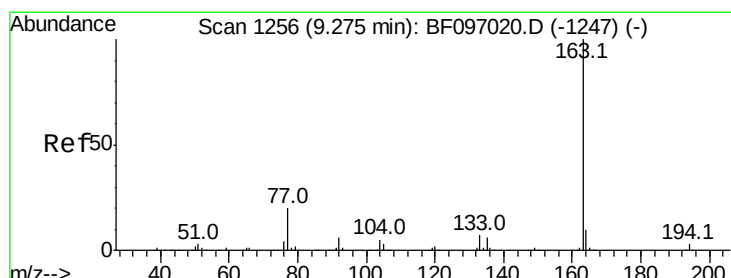
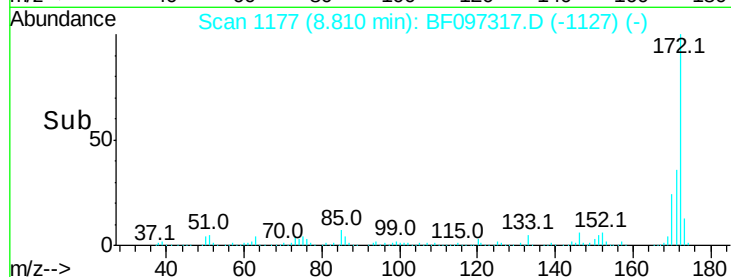
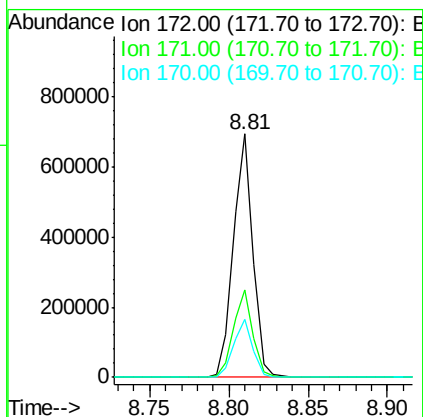
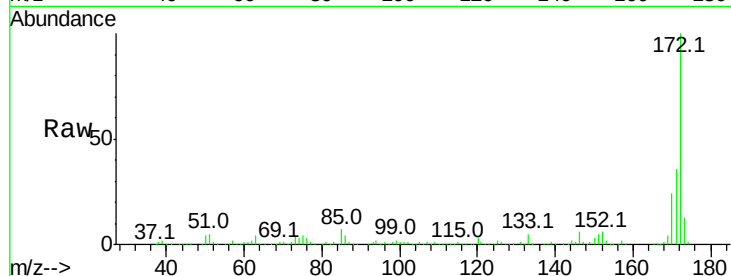




#44
 2-Fluorobiphenyl
 Concen: 50.011 ng
 RT: 8.81 min Scan# 1177
 Delta R.T. -0.01 min
 Lab File: BF097317.D
 Acq: 3 Aug 2017 13:21

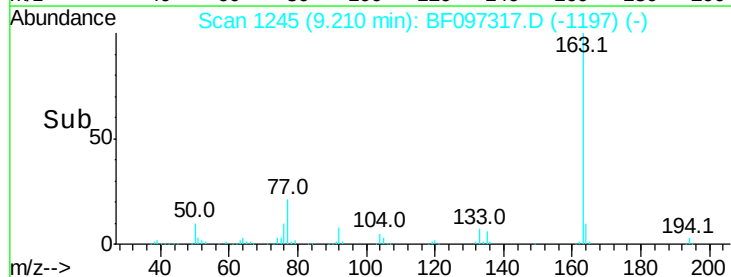
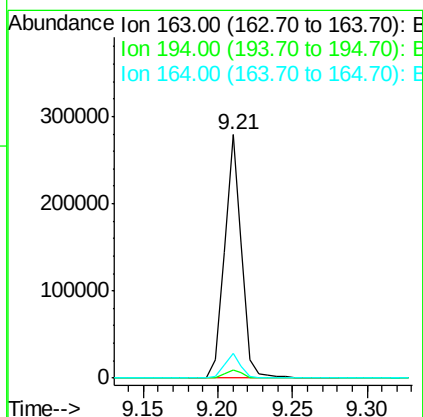
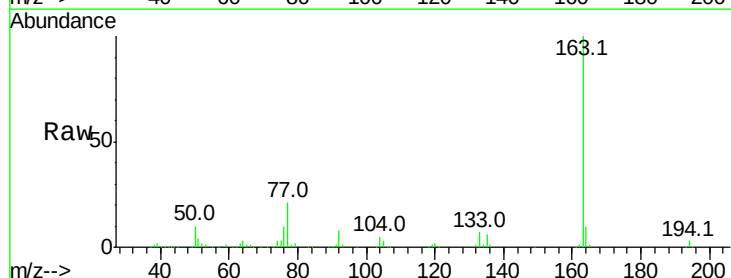
Instrument :
 BNA_F
 ClientSampleId :
 E2-HS6-NSW

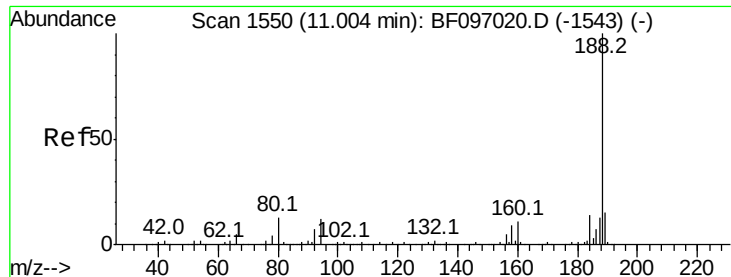
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.1	29.6	44.4
170	24.0	19.8	29.8



#49
 Dimethylphthalate
 Concen: 14.740 ng
 RT: 9.21 min Scan# 1245
 Delta R.T. -0.02 min
 Lab File: BF097317.D
 Acq: 3 Aug 2017 13:21

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.3	2.6	4.0
164	10.3	8.4	12.6

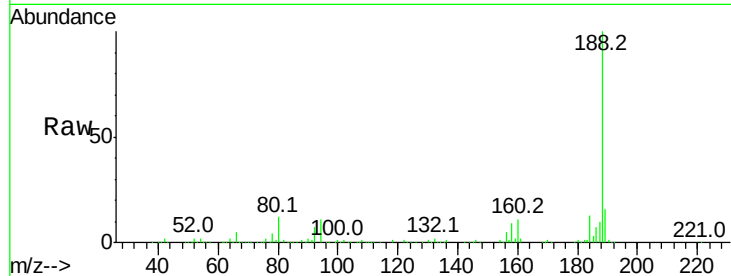




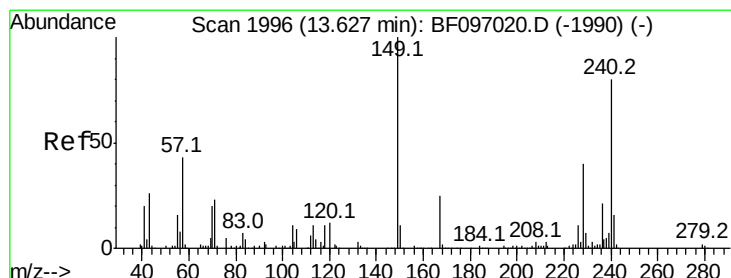
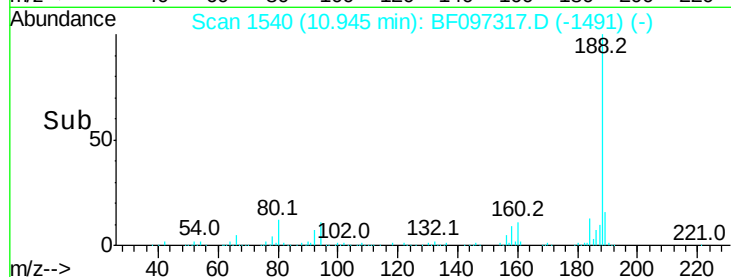
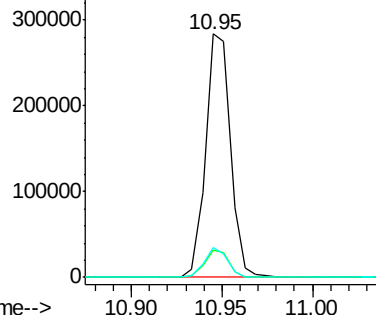
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.95 min Scan# 1540
Delta R.T. -0.01 min
Lab File: BF097317.D
Acq: 3 Aug 2017 13:21

Instrument :
BNA_F
ClientSampleId :
E2-HS6-NSW

Tot Ion:188 Resp: 270733
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.1 10.2 15.2

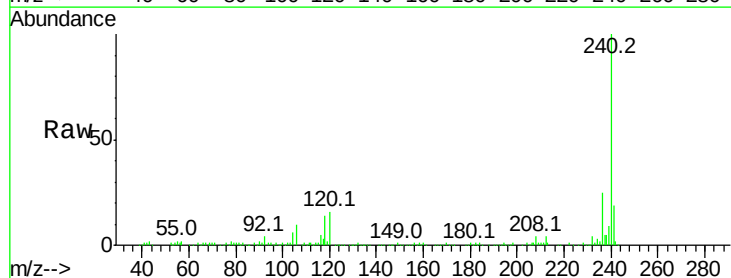


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

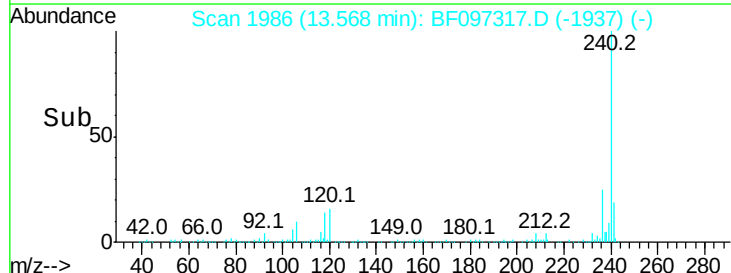
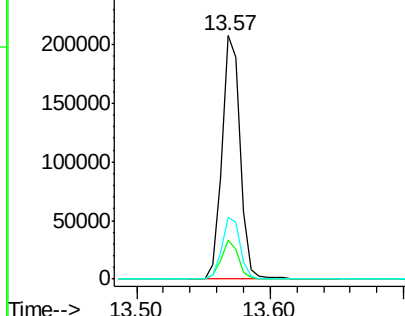


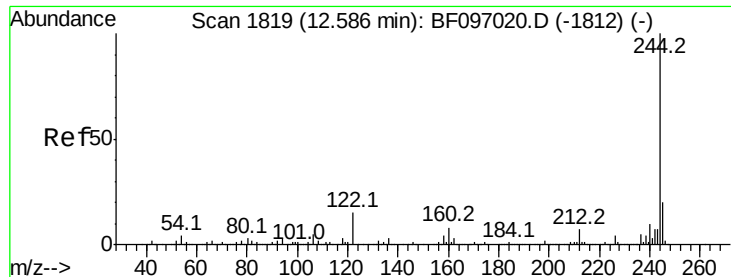
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.57 min Scan# 1986
Delta R.T. -0.01 min
Lab File: BF097317.D
Acq: 3 Aug 2017 13:21

Tgt Ion:240 Resp: 201181
Ion Ratio Lower Upper
240 100
120 15.9 5.8 8.8#
236 25.4 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: 31.789 ng

RT: 12.53 min Scan# 1809

Delta R.T. -0.01 min

Lab File: BF097317.D

Acq: 3 Aug 2017 13:21

Instrument :

BNA_F

ClientSampleId :

E2-HS6-NSW

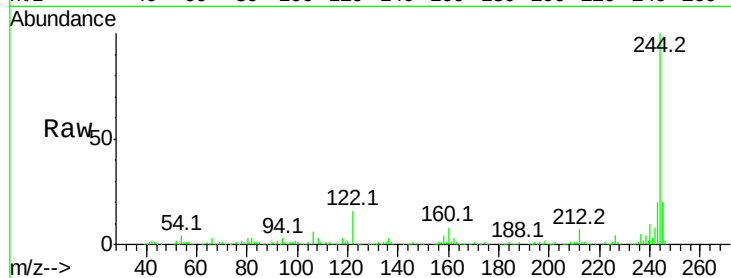
Tot Ion:244 Resp: 313676

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

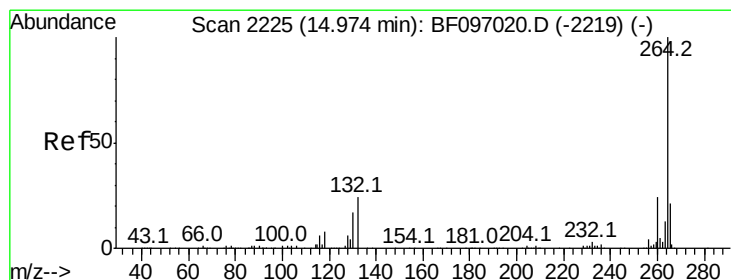
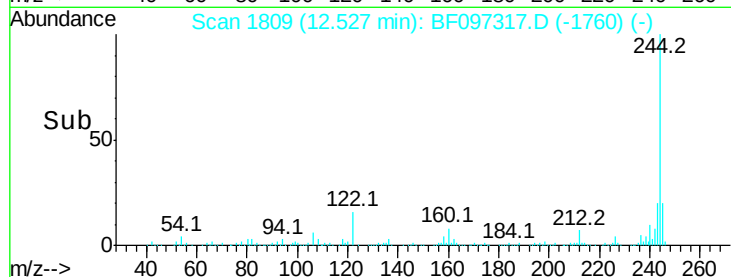
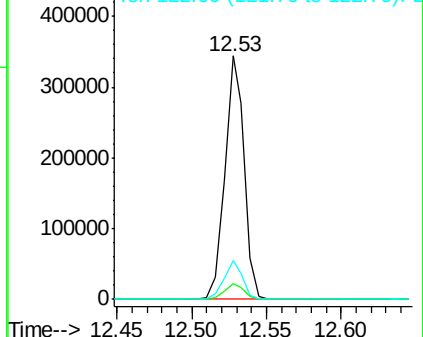
122 16.0 10.3 15.5#



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: 14.91 min Scan# 2214

Delta R.T. -0.01 min

Lab File: BF097317.D

Acq: 3 Aug 2017 13:21

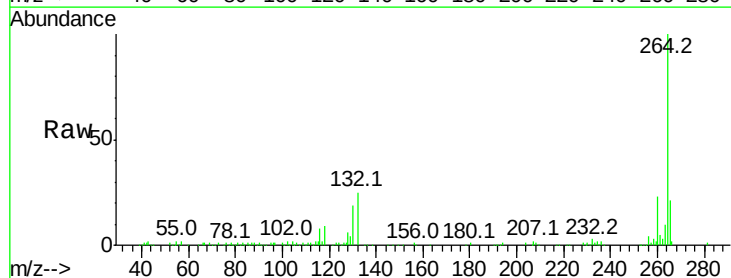
Tgt Ion:264 Resp: 156701

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.2 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

