

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081517\
 Data File : BF097715.D
 Acq On : 16 Aug 2017 3:05
 Operator : SJ/JU
 Sample : I4703-01
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-BASE

Quant Time: Aug 16 07:47:39 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 15 13:25:08 2017
 Response via : Initial Calibration

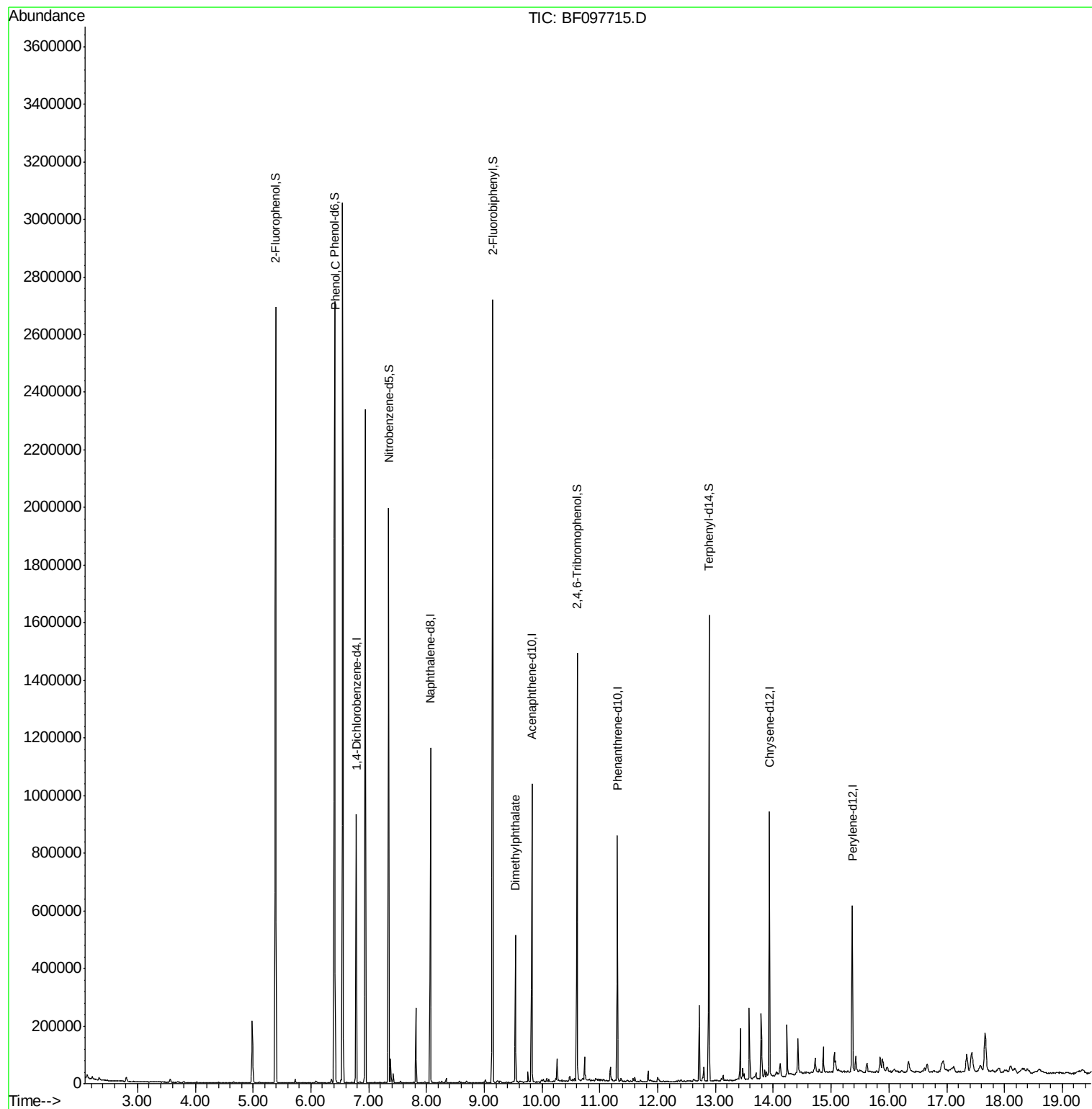
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	129338	20.00	ng	0.00
21) Naphthalene-d8	8.07	136	494206	20.00	ng	0.00
38) Acenaphthene-d10	9.82	164	193300	20.00	ng	0.00
63) Phenanthrene-d10	11.30	188	283048	20.00	ng	0.00
75) Chrysene-d12	13.93	240	270219	20.00	ng	0.00
86) Perylene-d12	15.37	264	257677	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	832733	97.93	ng	0.00
7) Phenol-d6	6.41	99	1135227	98.26	ng	0.00
23) Nitrobenzene-d5	7.35	82	673175	74.00	ng	0.00
41) 2,4,6-Tribromophenol	10.60	330	139805	83.36	ng	0.00
44) 2-Fluorobiphenyl	9.14	172	742050	56.40	ng	0.00
78) Terphenyl-d14	12.89	244	420217	32.43	ng	0.00
Target Compounds						
10) Phenol	6.42	94	38538	2.852	ng	95
49) Dimethylphthalate	9.54	163	180039	12.742	ng	99

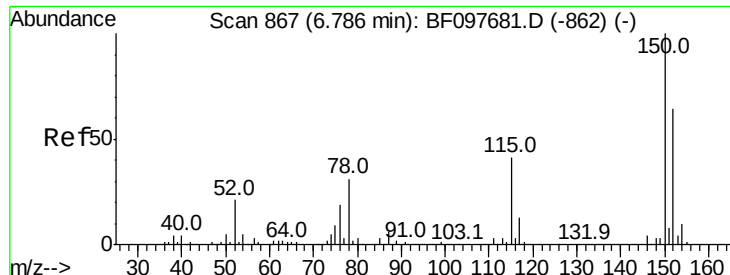
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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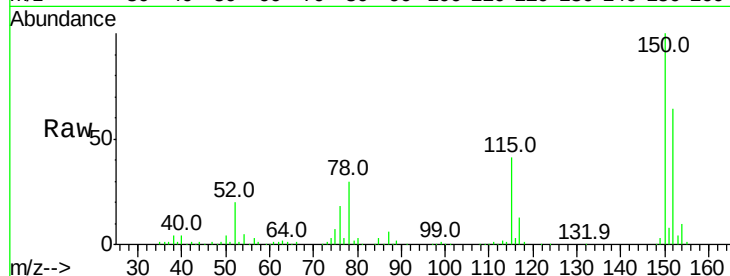


#1

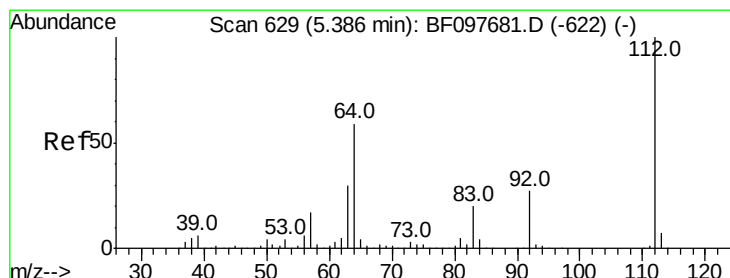
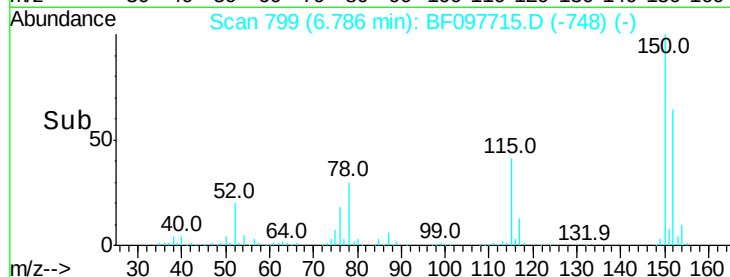
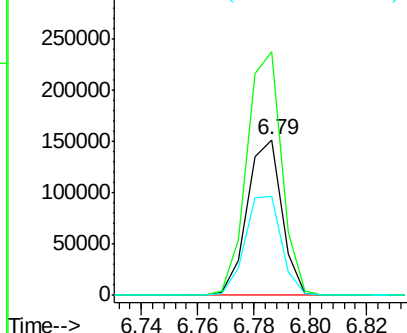
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.00 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.1	126.2	189.2
115	63.8	52.2	78.2



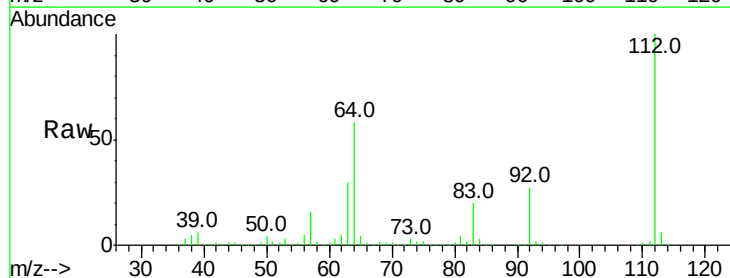
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



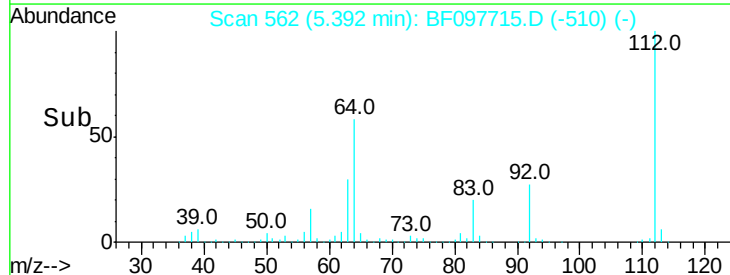
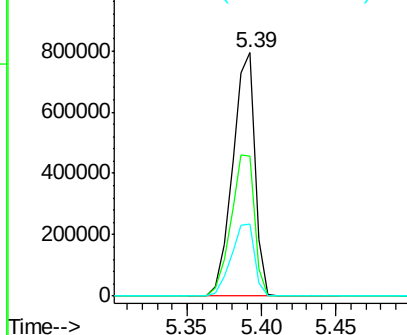
#5

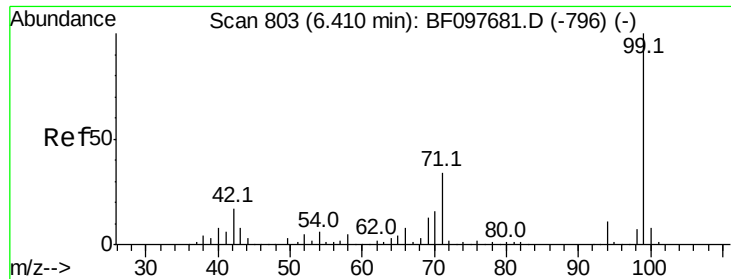
2-Fluorophenol
Concen: 97.933 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	57.7	46.0	69.0
63	29.6	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: 98.261 ng

RT: 6.41 min Scan# 735

Delta R.T. -0.00 min

Lab File: BF097715.D

Acq: 16 Aug 2017 3:05

Instrument :

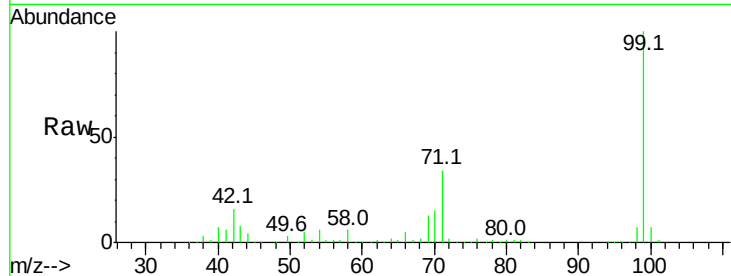
BNA_F

ClientSampleId :

E2-G9-BASE

Tot Ion: 99 Resp: 1135227

Ion	Ratio	Lower	Upper
99	100		
42	16.3	13.5	20.3
71	33.9	24.5	36.7

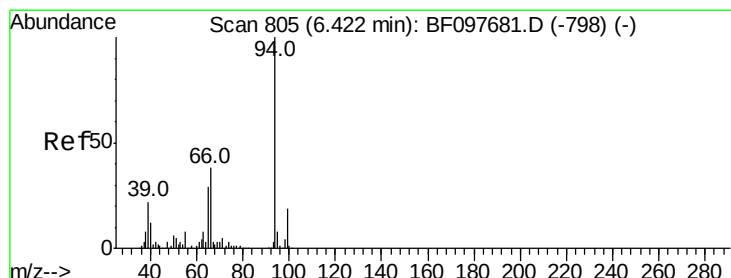
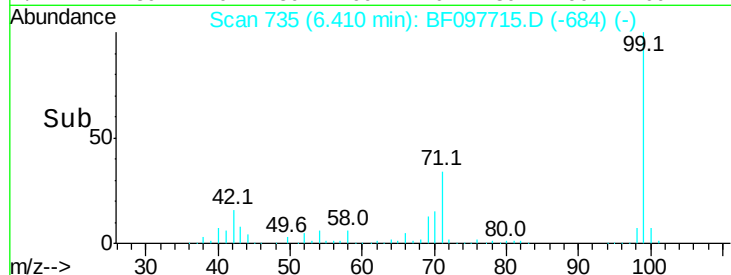
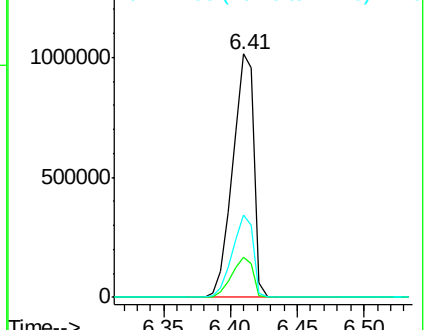


Abundance

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: 2.852 ng

RT: 6.42 min Scan# 737

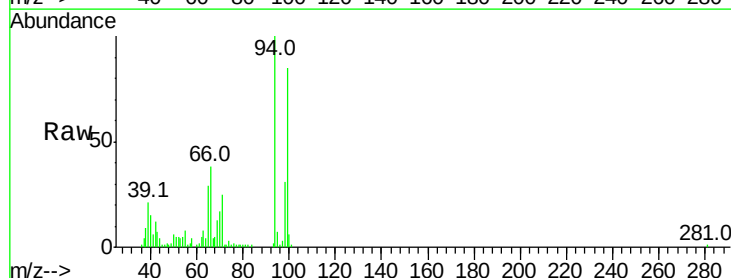
Delta R.T. -0.00 min

Lab File: BF097715.D

Acq: 16 Aug 2017 3:05

Tgt Ion: 94 Resp: 38538

Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.9	49.9
66	38.4	23.1	63.1

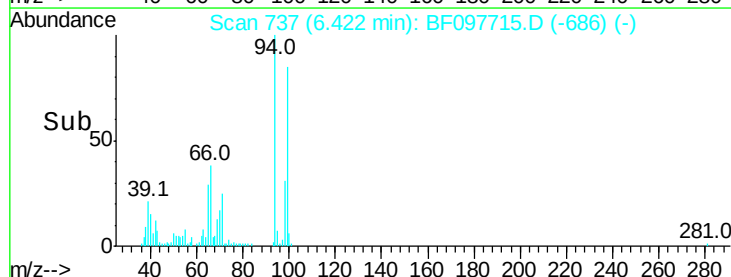
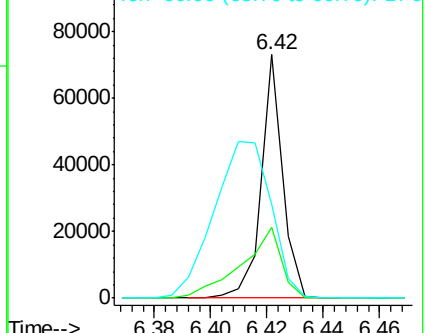


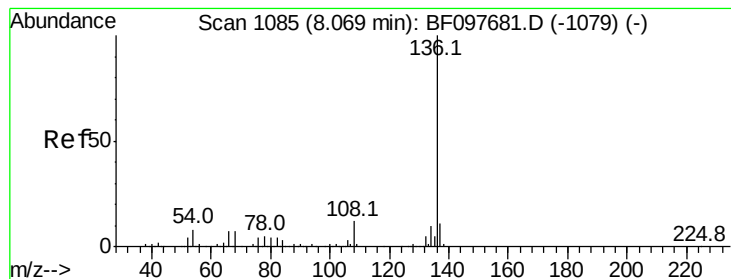
Abundance

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: 8.07 min Scan# 1017

Delta R.T. -0.00 min

Lab File: BF097715.D

Acq: 16 Aug 2017 3:05

Instrument :

BNA_F

ClientSampleId :

E2-G9-BASE

Tot Ion:136 Resp: 494206

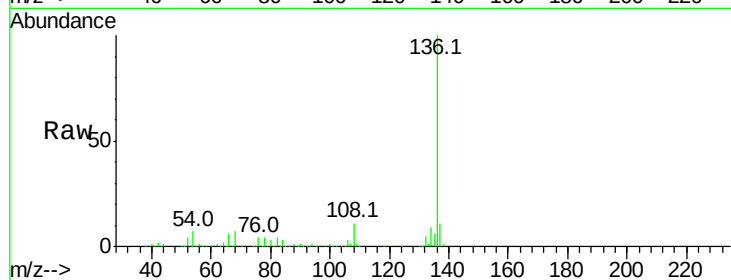
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 7.2 4.9 7.3

68 6.6 4.1 6.1#

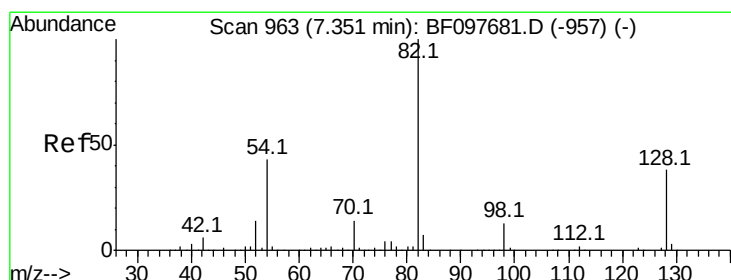
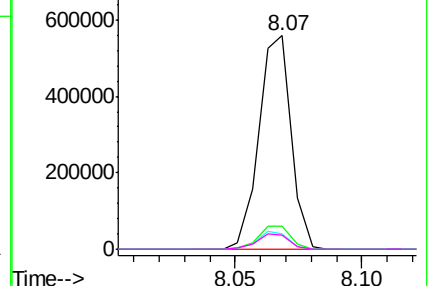
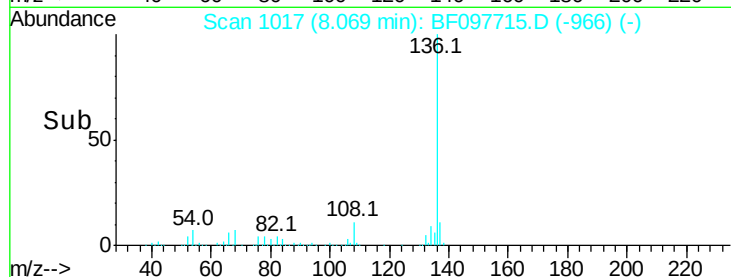


Abundance Ion 136.00 (135.70 to 136.70): E

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: 73.997 ng

RT: 7.35 min Scan# 894

Delta R.T. -0.01 min

Lab File: BF097715.D

Acq: 16 Aug 2017 3:05

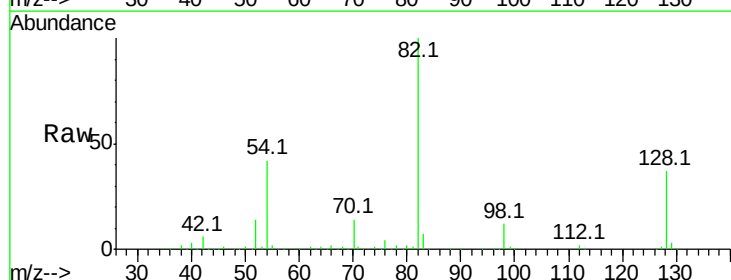
Tgt Ion: 82 Resp: 673175

Ion Ratio Lower Upper

82 100

128 36.9 34.0 51.0

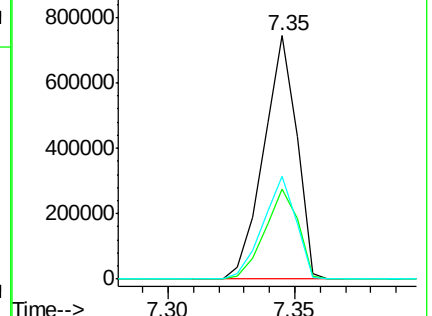
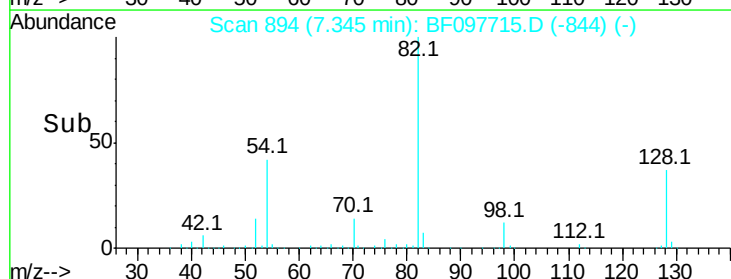
54 42.3 42.2 63.2

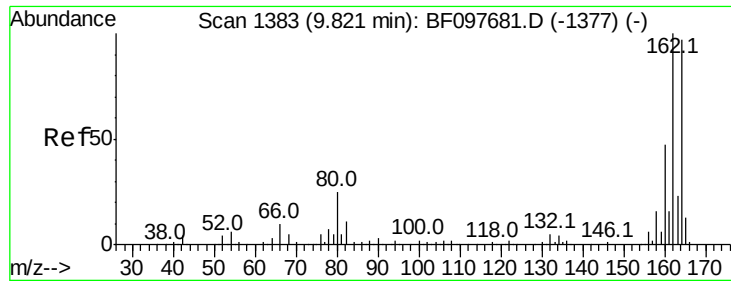


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

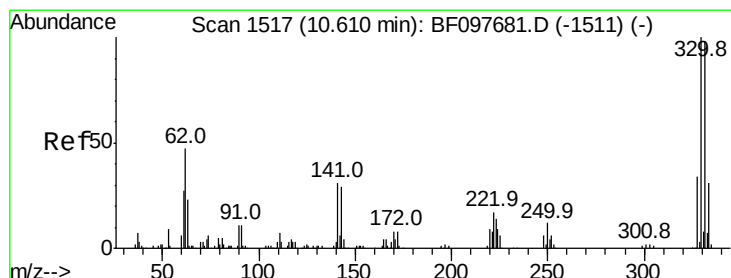
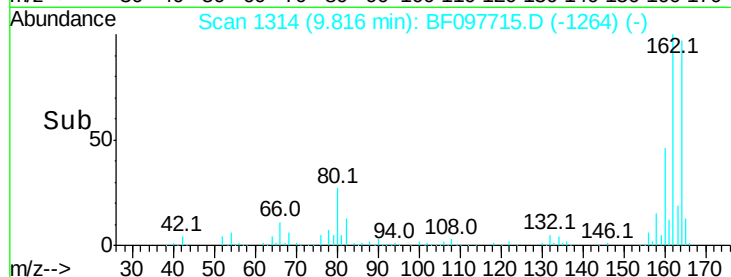
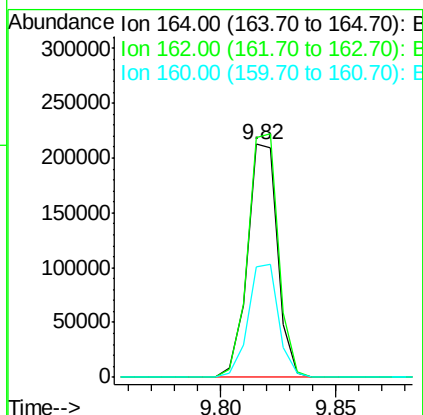
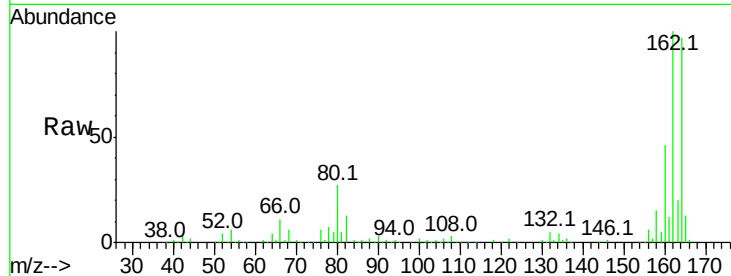




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.82 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

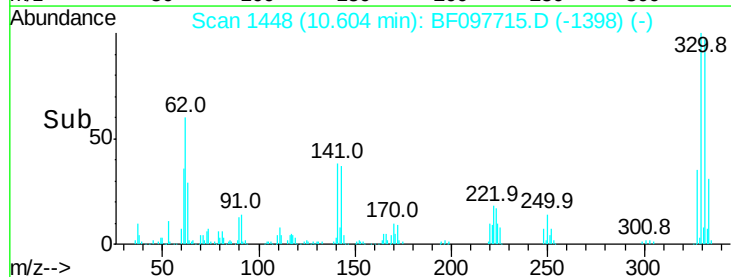
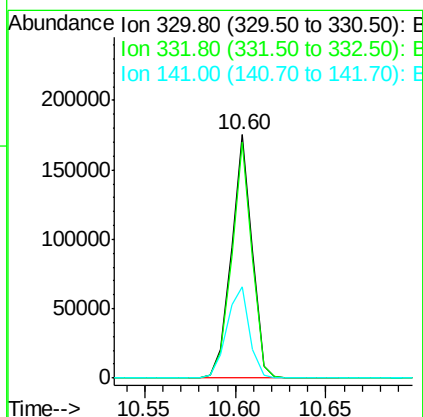
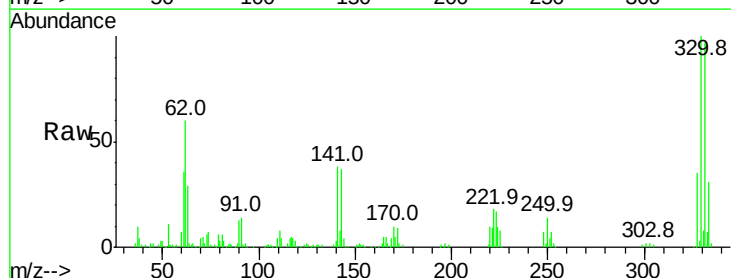
Instrument :
BNA_F
ClientSampleId :
E2-G9-BASE

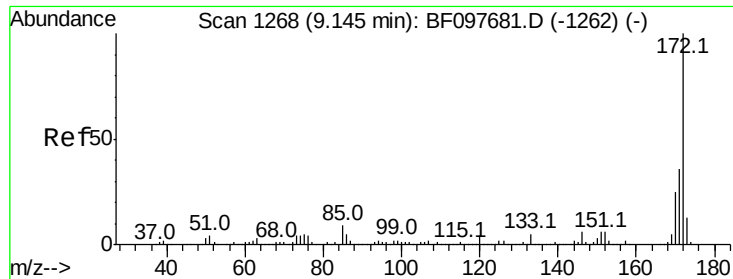
Tot Ion	Ratio	Lower	Upper
164	100		
162	103.0	82.6	123.8
160	47.4	36.2	54.2



#41
2,4,6-Tribromophenol
Concen: 83.357 ng
RT: 10.60 min Scan# 1448
Delta R.T. -0.01 min
Lab File: BF097715.D
Acq: 16 Aug 2017 3:05

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.3	76.6	115.0
141	40.8	31.4	47.2

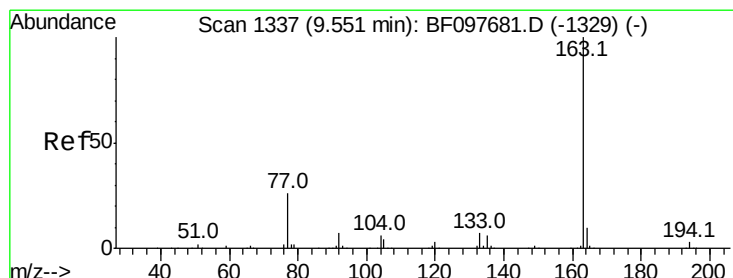
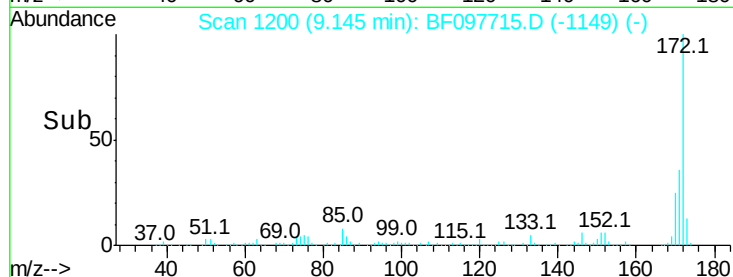
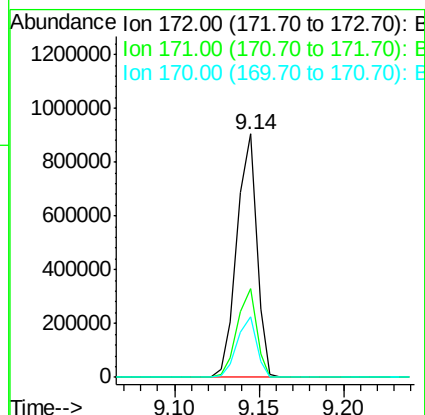
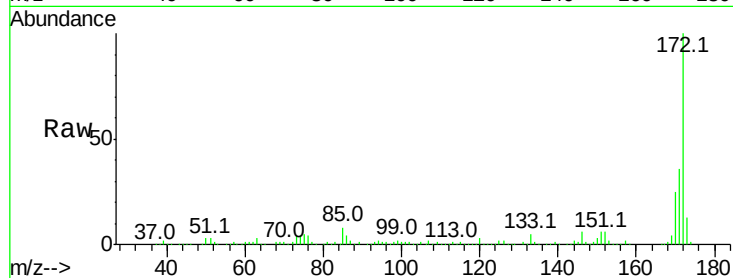




#44
 2-Fluorobiphenyl
 Concen: 56.401 ng
 RT: 9.14 min Scan# 1200
 Delta R.T. -0.00 min
 Lab File: BF097715.D
 Acq: 16 Aug 2017 3:05

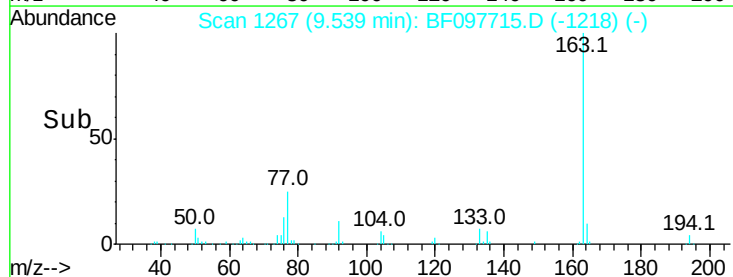
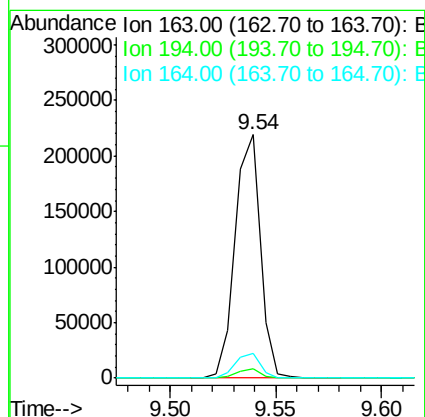
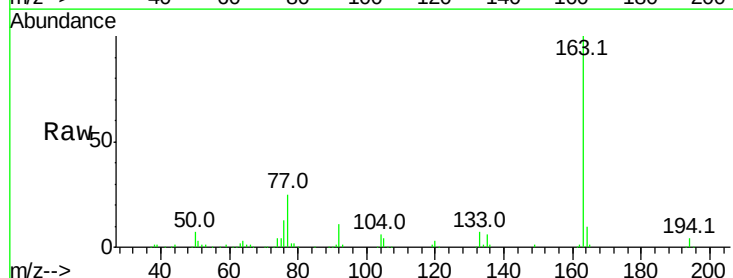
Instrument :
 BNA_F
 ClientSampleId :
 E2-G9-BASE

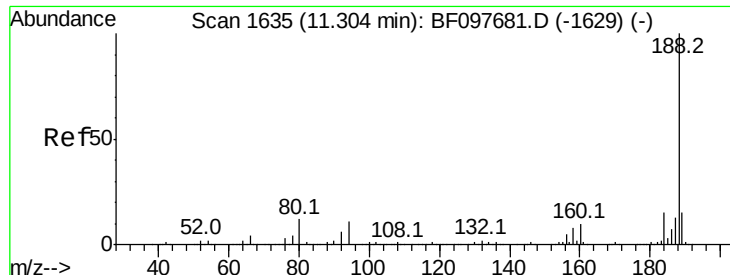
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.9	19.8	29.8



#49
 Dimethylphthalate
 Concen: 12.742 ng
 RT: 9.54 min Scan# 1267
 Delta R.T. -0.01 min
 Lab File: BF097715.D
 Acq: 16 Aug 2017 3:05

Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	2.6	4.0
164	9.9	8.4	12.6





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.30 min Scan# 1566

Delta R.T. -0.01 min

Lab File: BF097715.D

Acq: 16 Aug 2017 3:05

Instrument :

BNA_F

ClientSampleId :

E2-G9-BASE

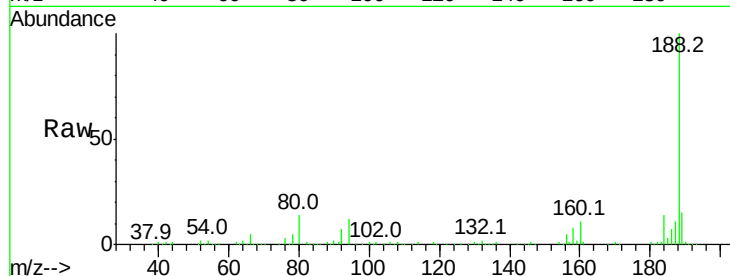
Tot Ion:188 Resp: 283048

Ion Ratio Lower Upper

188 100

94 12.4 9.4 14.2

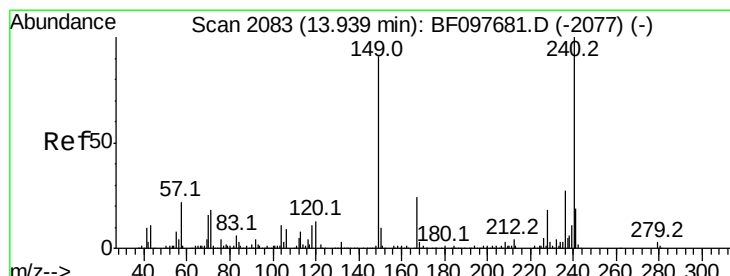
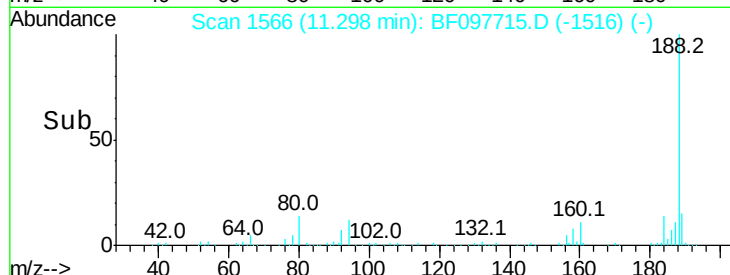
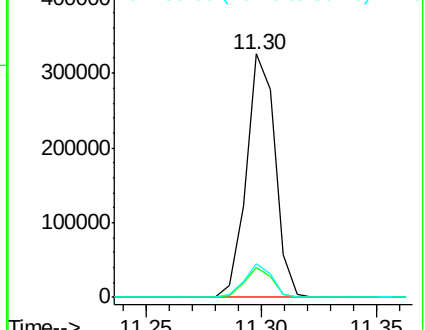
80 13.9 10.2 15.2



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: 13.93 min Scan# 2014

Delta R.T. -0.01 min

Lab File: BF097715.D

Acq: 16 Aug 2017 3:05

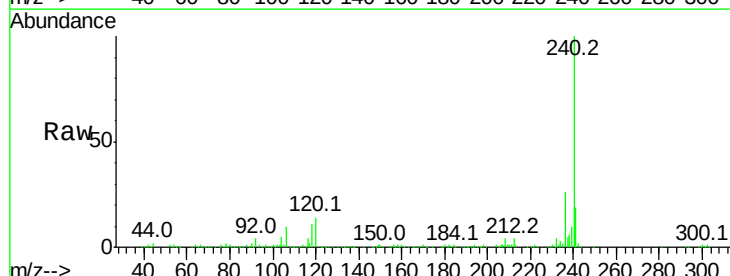
Tgt Ion:240 Resp: 270219

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

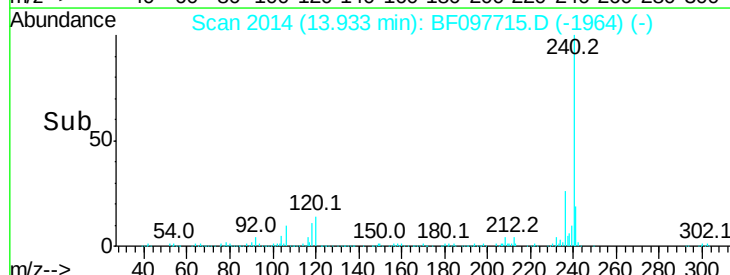
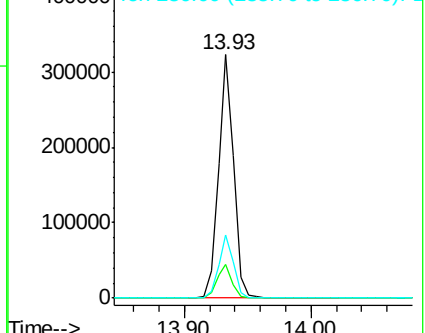
236 25.9 20.5 30.7

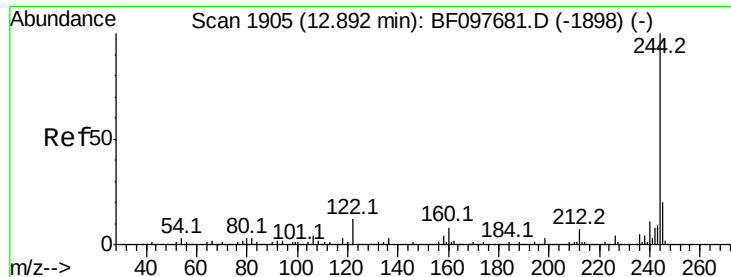


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 32.429 ng

RT: 12.89 min Scan# 1836

Delta R.T. -0.01 min

Lab File: BF097715.D

Acq: 16 Aug 2017 3:05

Instrument :

BNA_F

ClientSampleId :

E2-G9-BASE

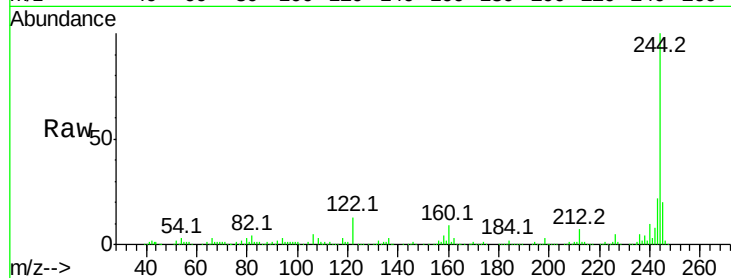
Tot Ion:244 Resp: 420217

Ion Ratio Lower Upper

244 100

212 7.1 6.0 9.0

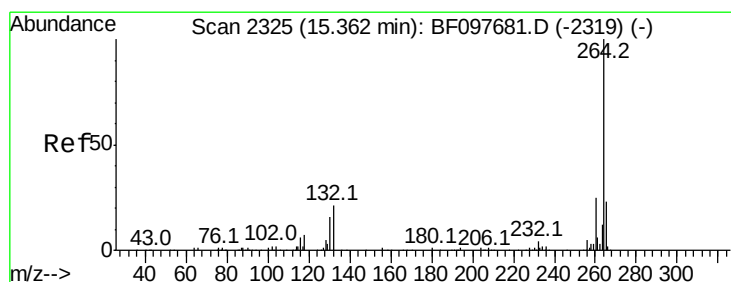
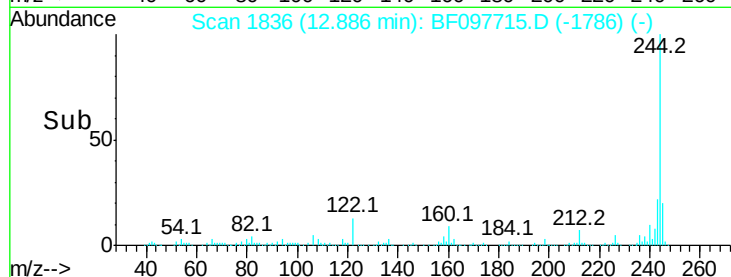
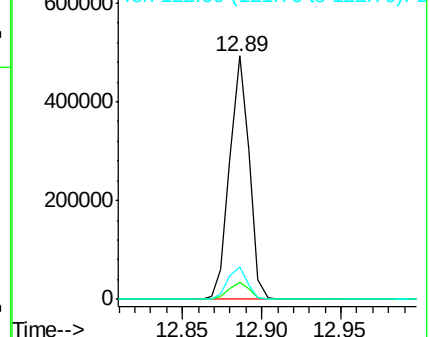
122 13.3 10.3 15.5



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.37 min Scan# 2258

Delta R.T. 0.01 min

Lab File: BF097715.D

Acq: 16 Aug 2017 3:05

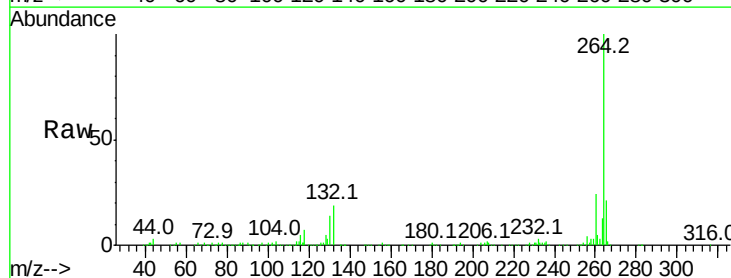
Tgt Ion:264 Resp: 257677

Ion Ratio Lower Upper

264 100

260 24.3 19.5 29.3

265 21.3 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

