

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082517\
 Data File : BF098043.D
 Acq On : 25 Aug 2017 21:14
 Operator : SJ/JU
 Sample : I4946-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211

Quant Time: Aug 26 00:07:46 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

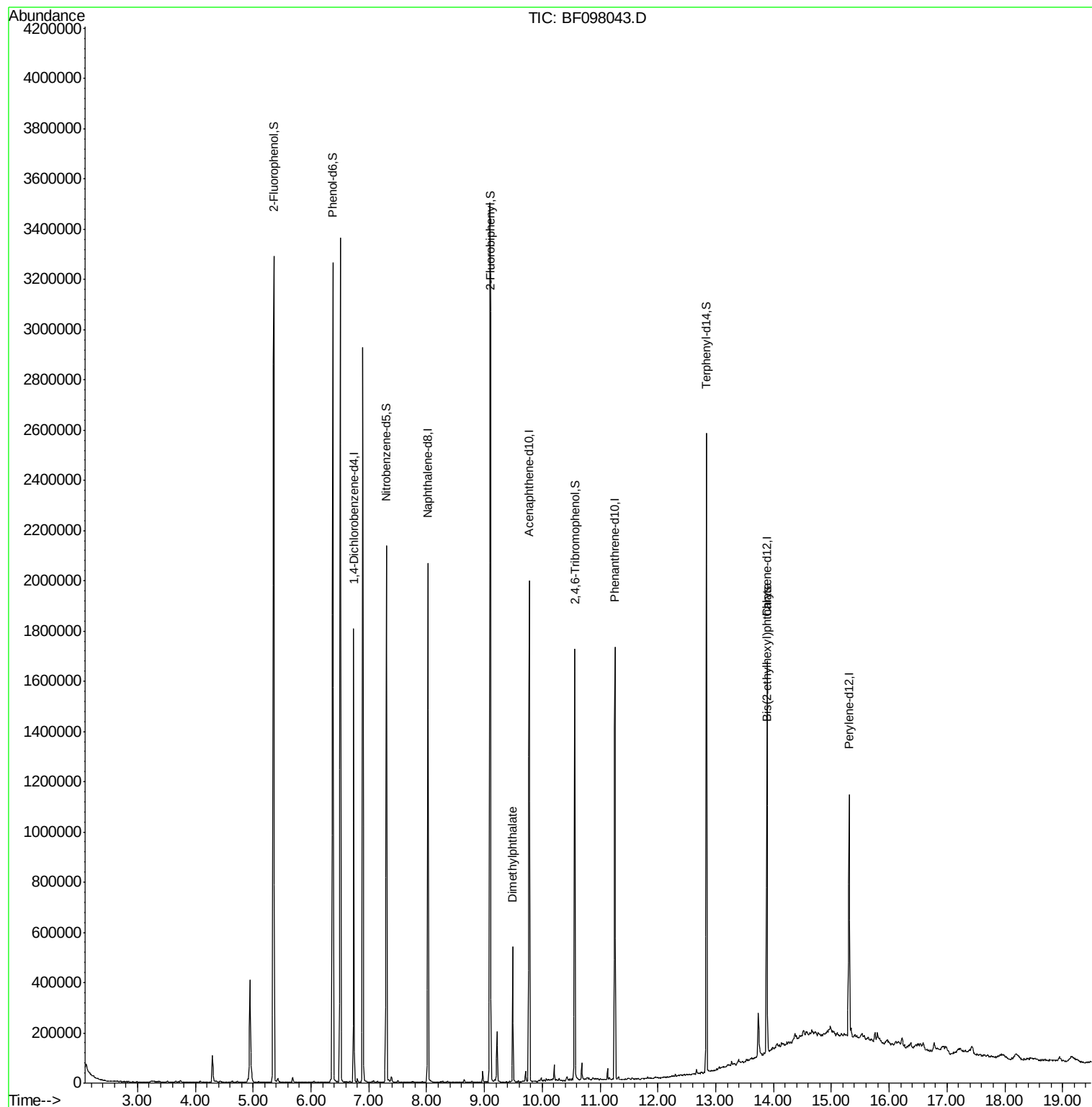
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	237340	20.00	ng	-0.01
21) Naphthalene-d8	8.02	136	910594	20.00	ng	-0.01
38) Acenaphthene-d10	9.77	164	372905	20.00	ng	-0.01
63) Phenanthrene-d10	11.26	188	589293	20.00	ng	0.00
75) Chrysene-d12	13.89	240	507317	20.00	ng	-0.01
86) Perylene-d12	15.31	264	462880	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1058413	67.83	ng	0.00
7) Phenol-d6	6.38	99	1420605	67.01	ng	0.00
23) Nitrobenzene-d5	7.30	82	876168	52.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	209881	64.87	ng	-0.01
44) 2-Fluorobiphenyl	9.10	172	1192470	46.98	ng	-0.01
78) Terphenyl-d14	12.84	244	794088	32.64	ng	-0.01
Target Compounds						
49) Dimethylphthalate	9.49	163	175769	6.448	ng	99
83) Bis(2-ethylhexyl)phthalate	13.87	149	91474	5.189	ng	97

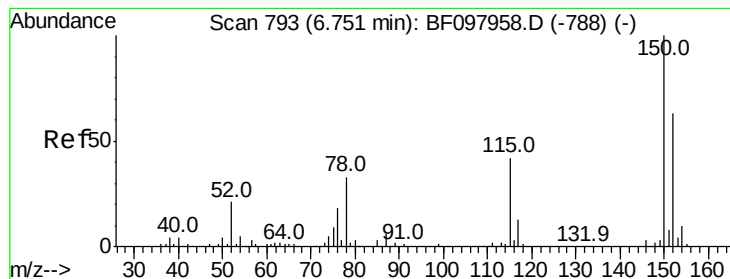
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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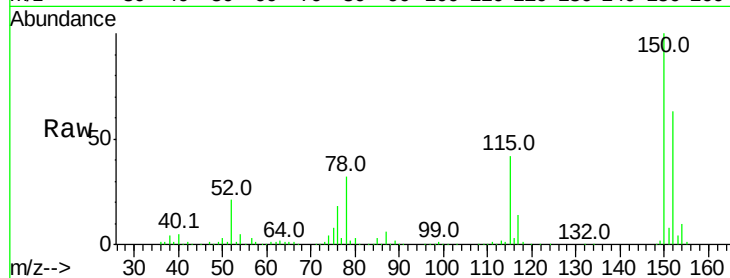


#1

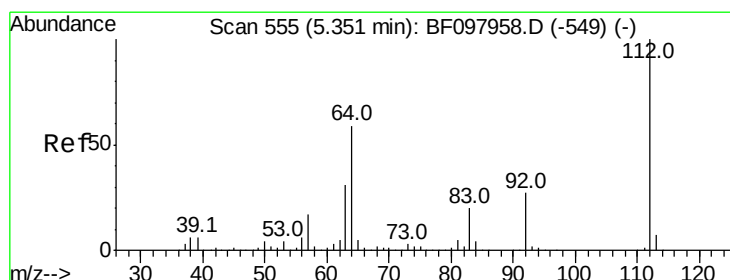
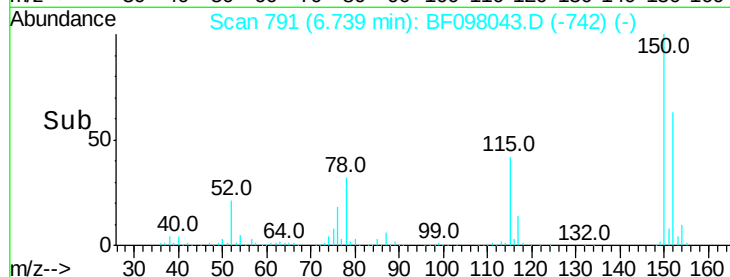
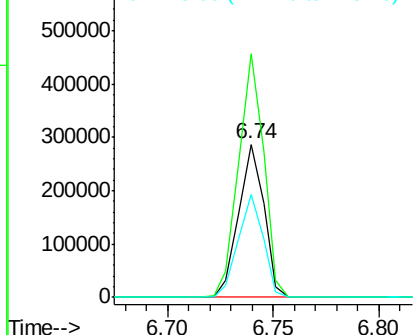
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.74 min Scan# 791
 Delta R.T. -0.01 min
 Lab File: BF098043.D
 Acq: 25 Aug 2017 21:14

Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211

Tot Ion:152 Resp: 237340
 Ion Ratio Lower Upper
 152 100
 150 159.4 126.2 189.2
 115 67.1 52.2 78.2



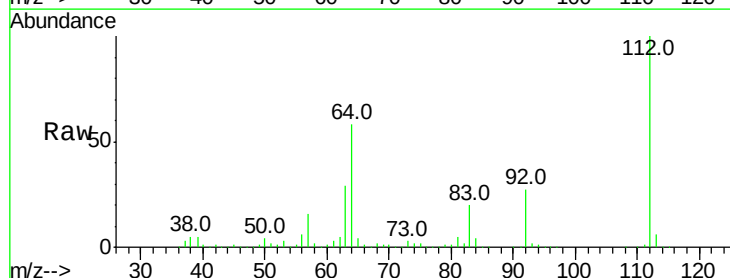
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



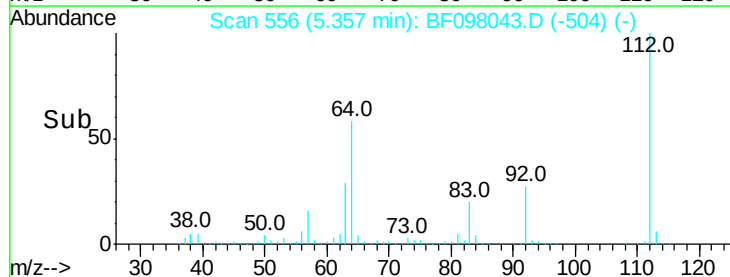
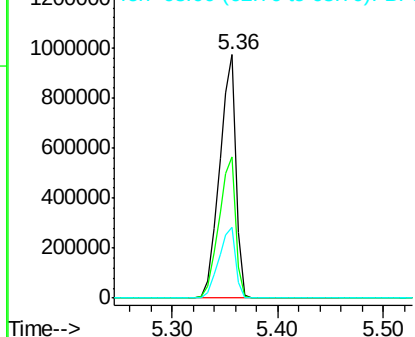
#5

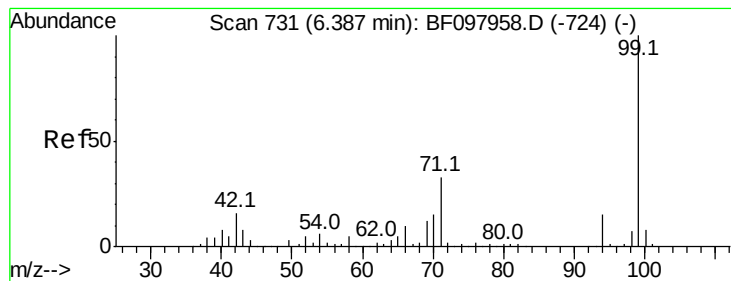
2-Fluorophenol
 Concen: 67.832 ng
 RT: 5.36 min Scan# 556
 Delta R.T. 0.01 min
 Lab File: BF098043.D
 Acq: 25 Aug 2017 21:14

Tgt Ion:112 Resp: 1058413
 Ion Ratio Lower Upper
 112 100
 64 57.8 46.0 69.0
 63 29.0 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: 67.008 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF098043.D

Acq: 25 Aug 2017 21:14

Instrument :

BNA_F

ClientSampleId :

VNJ-211

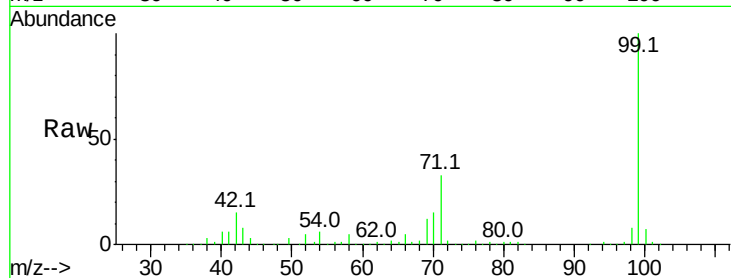
Tot Ion: 99 Resp: 1420605

Ion Ratio Lower Upper

99 100

42 15.1 13.5 20.3

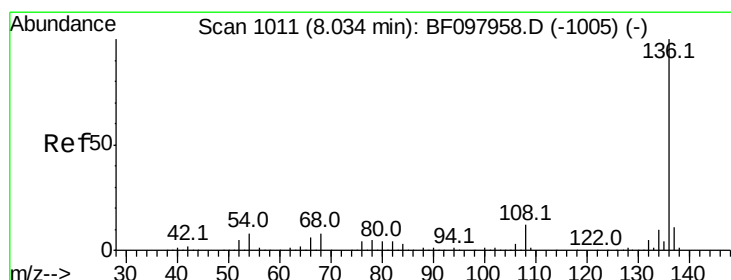
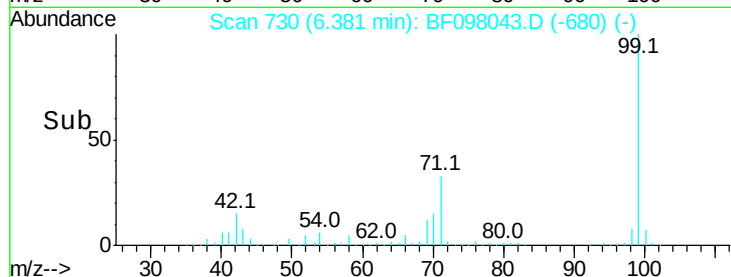
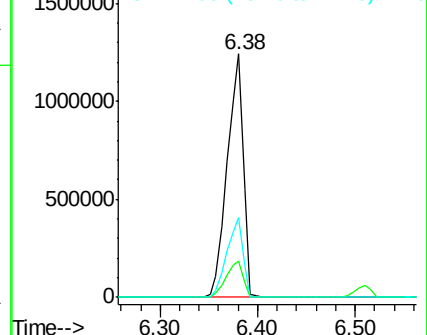
71 32.6 24.5 36.7



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: BF098043.D

Acq: 25 Aug 2017 21:14

Tgt Ion: 136 Resp: 910594

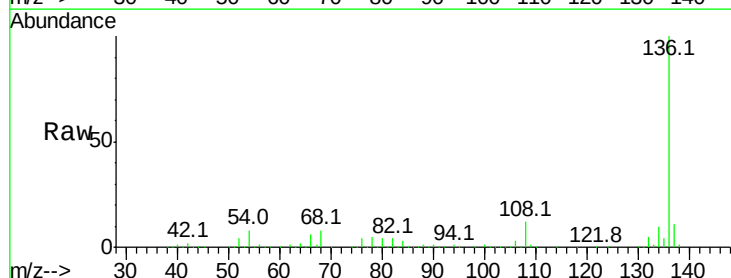
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 8.0 4.9 7.3#

68 7.6 4.1 6.1#

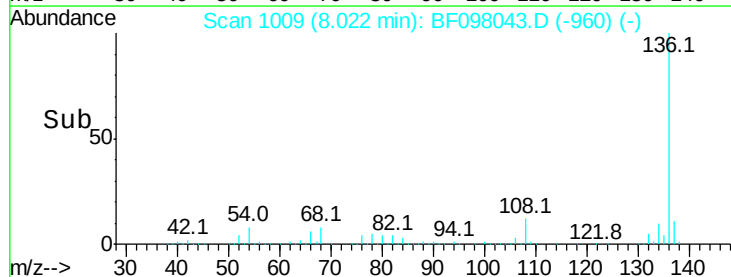
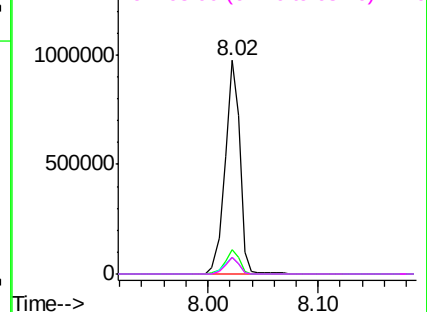


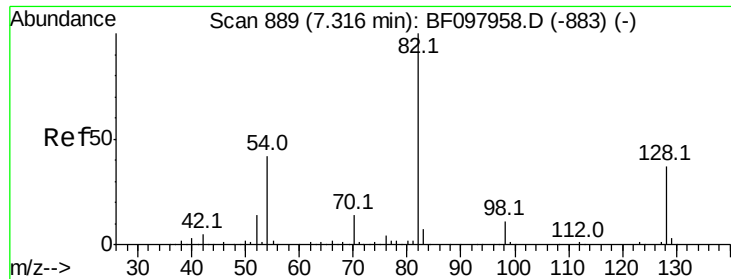
Abundance Ion 136.00 (135.70 to 136.70): E

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

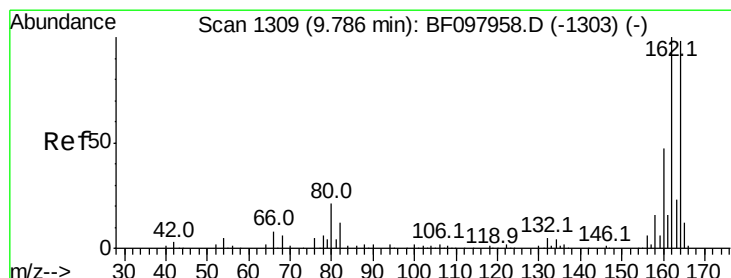
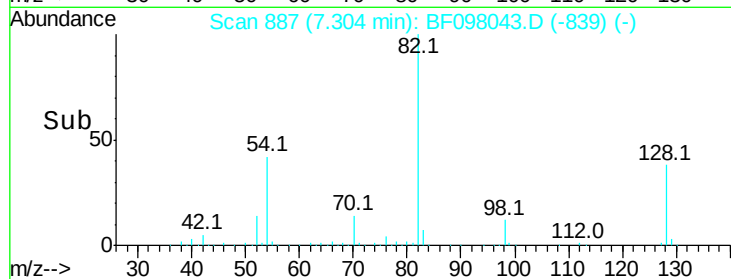
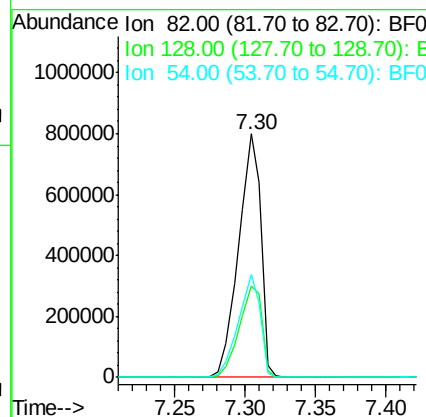
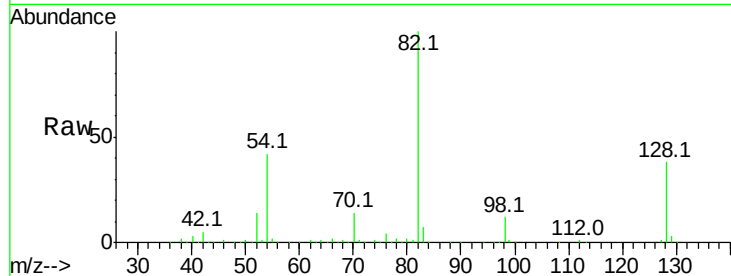




#23
 Nitrobenzene-d5
 Concen: 52.271 ng
 RT: 7.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BF098043.D
 Acq: 25 Aug 2017 21:14

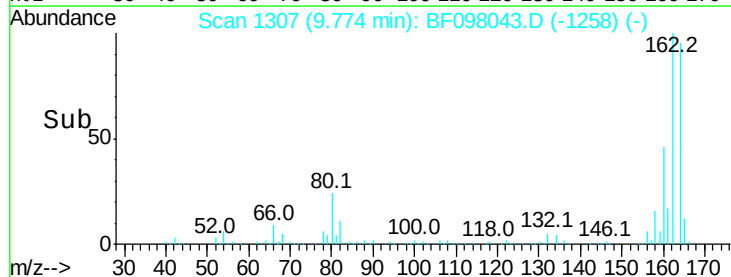
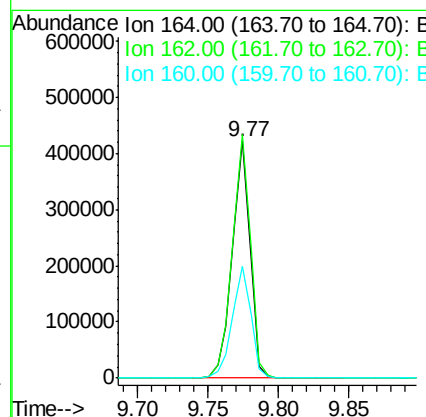
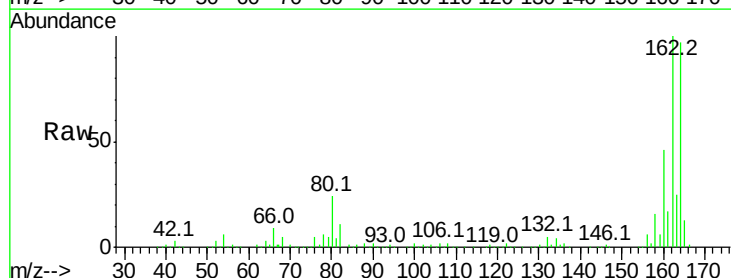
Instrument :
 BNA_F
 ClientSampled :
 VNJ-211

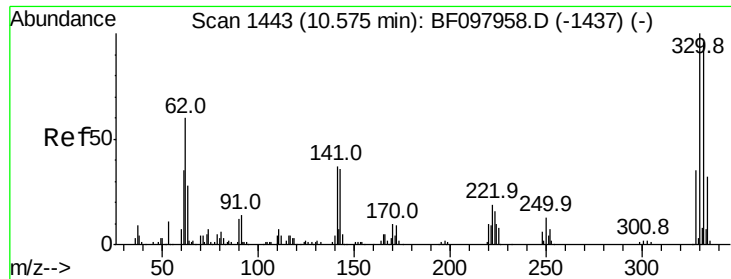
Tot Ion: 82 Resp: 876168
 Ion Ratio Lower Upper
 82 100
 128 37.7 34.0 51.0
 54 42.0 42.2 63.2#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.77 min Scan# 1307
 Delta R.T. -0.01 min
 Lab File: BF098043.D
 Acq: 25 Aug 2017 21:14

Tgt Ion:164 Resp: 372905
 Ion Ratio Lower Upper
 164 100
 162 102.8 82.6 123.8
 160 47.4 36.2 54.2

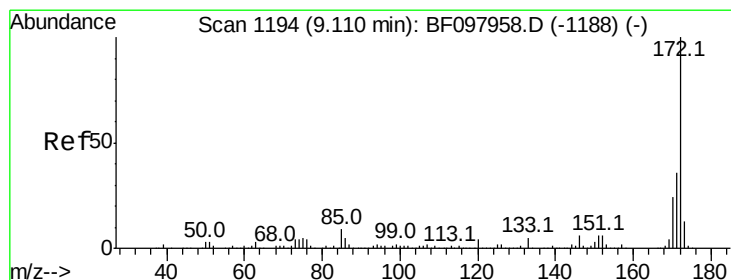
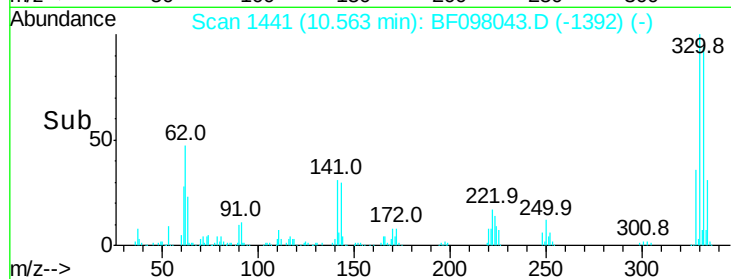
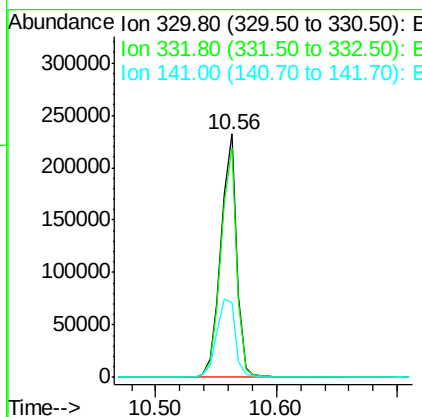
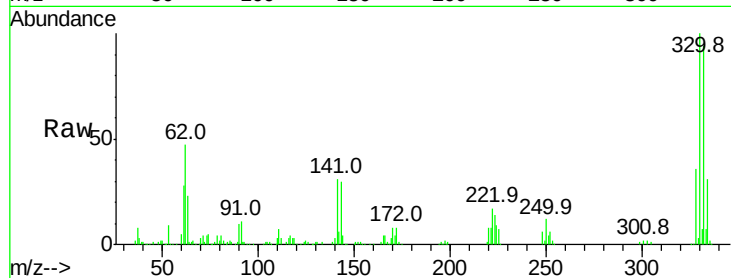




#41
 2,4,6-Tribromophenol
 Concen: 64.867 ng
 RT: 10.56 min Scan# 1441
 Delta R.T. -0.01 min
 Lab File: BF098043.D
 Acq: 25 Aug 2017 21:14

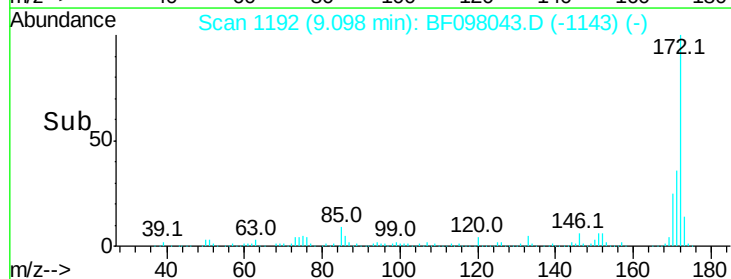
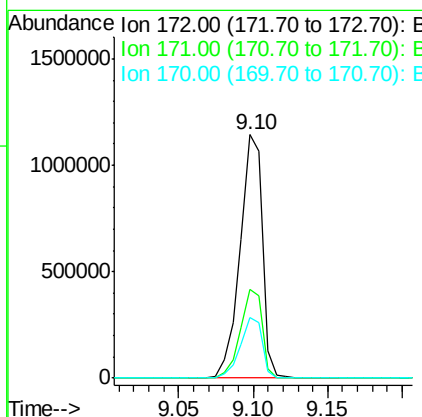
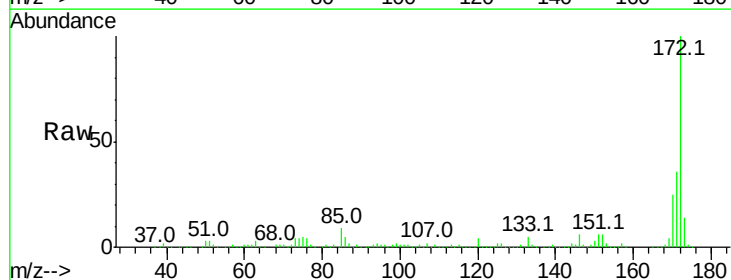
Instrument :
 BNA_F
 ClientSampleId :
 VNJ-211

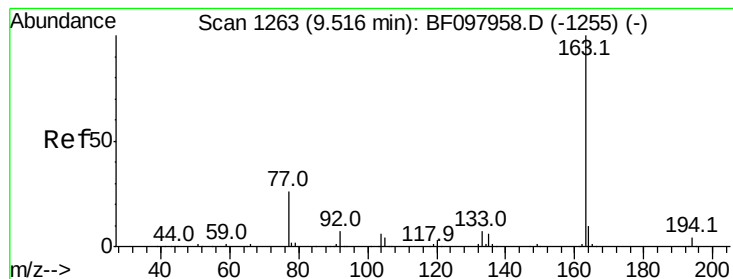
Tot Ion	Ratio	Lower	Upper
330	100		
332	94.3	76.6	115.0
141	37.8	31.4	47.2



#44
 2-Fluorobiphenyl
 Concen: 46.982 ng
 RT: 9.10 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BF098043.D
 Acq: 25 Aug 2017 21:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.6	44.4
170	24.7	19.8	29.8





#49

Dimethylphthalate

Concen: 6.448 ng

RT: 9.49 min Scan# 1259

Delta R.T. -0.02 min

Lab File: BF098043.D

Acq: 25 Aug 2017 21:14

Instrument :

BNA_F

ClientSampleId :

VNJ-211

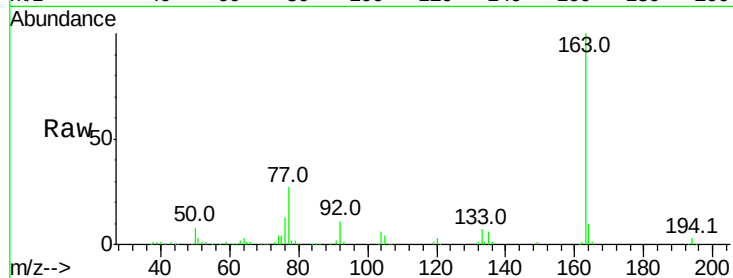
Tot Ion:163 Resp: 175769

Ion Ratio Lower Upper

163 100

194 3.4 2.6 4.0

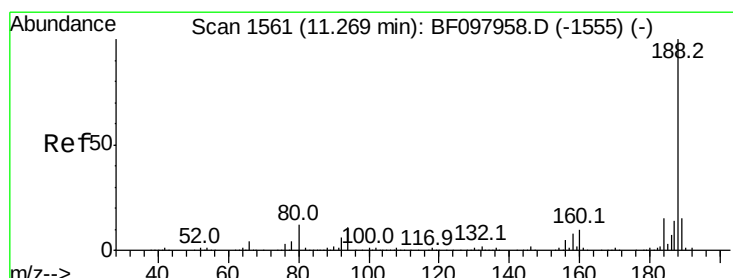
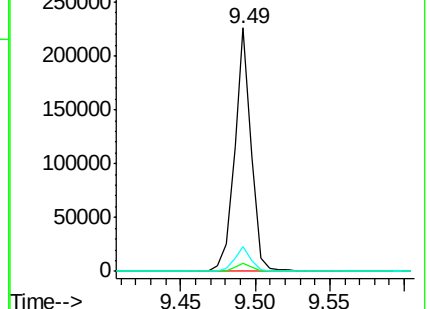
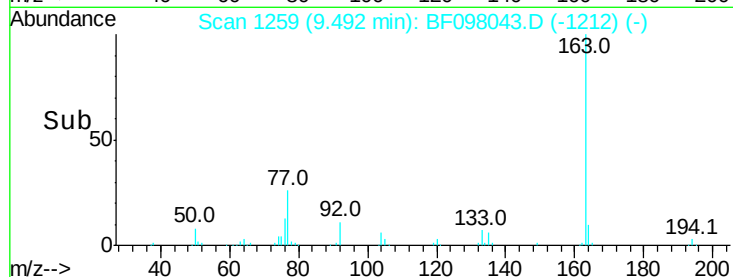
164 10.1 8.4 12.6



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: BF098043.D

Acq: 25 Aug 2017 21:14

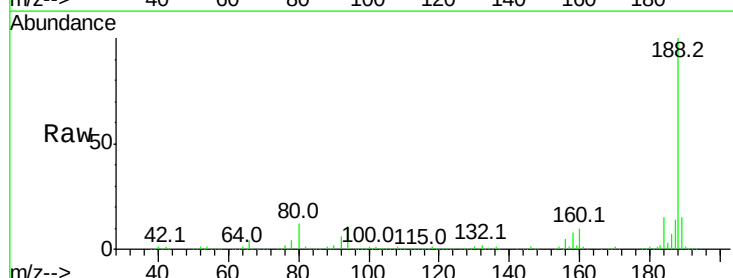
Tgt Ion:188 Resp: 589293

Ion Ratio Lower Upper

188 100

94 11.3 9.4 14.2

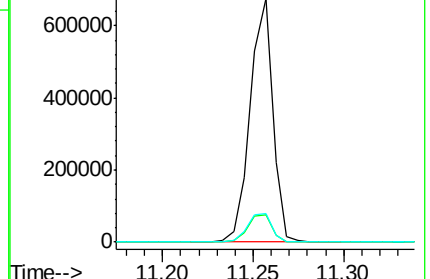
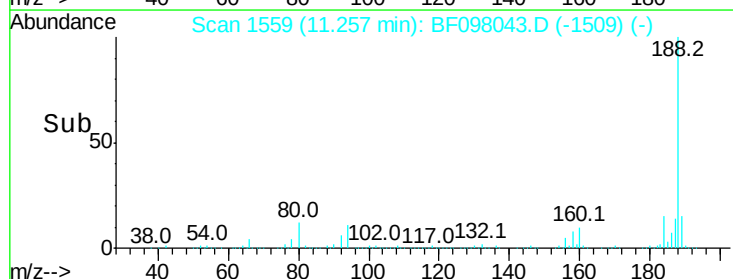
80 11.8 10.2 15.2

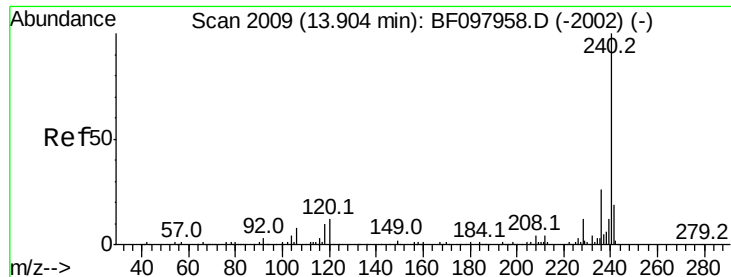


Abundance Ion 188.00 (187.70 to 188.70): E

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: BF098043.D

Acq: 25 Aug 2017 21:14

Instrument :

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ClientSampleId :

VNJ-211

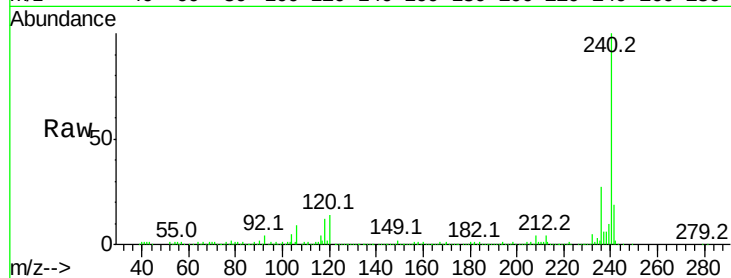
Tot Ion:240 Resp: 507317

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

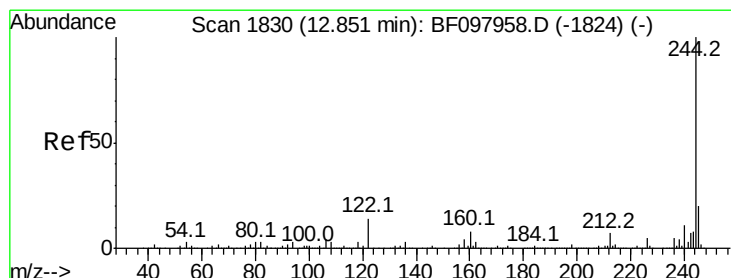
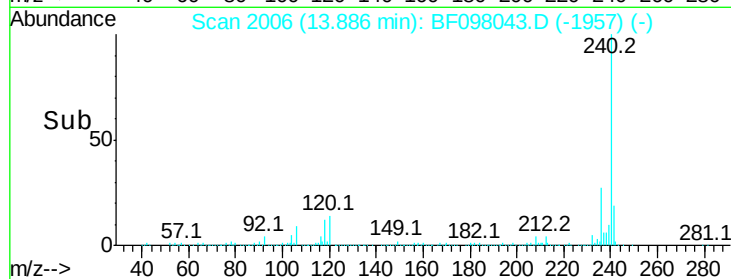
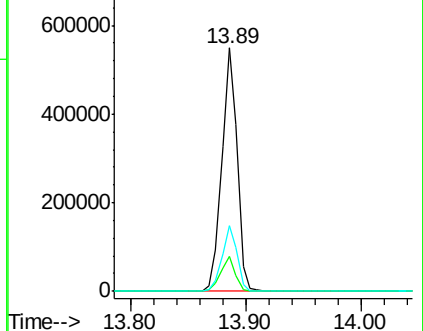
236 26.8 20.5 30.7



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: 32.641 ng

RT: 12.84 min Scan# 1828

Delta R.T. -0.01 min

Lab File: BF098043.D

Acq: 25 Aug 2017 21:14

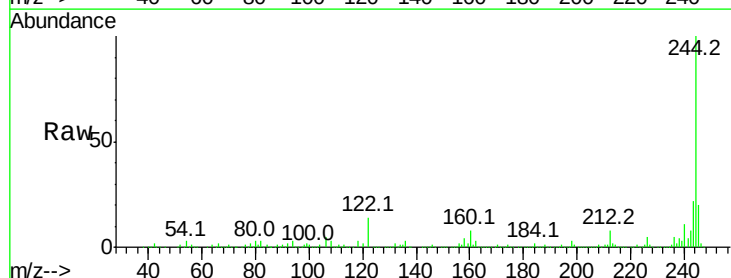
Tgt Ion:244 Resp: 794088

Ion Ratio Lower Upper

244 100

212 7.7 6.0 9.0

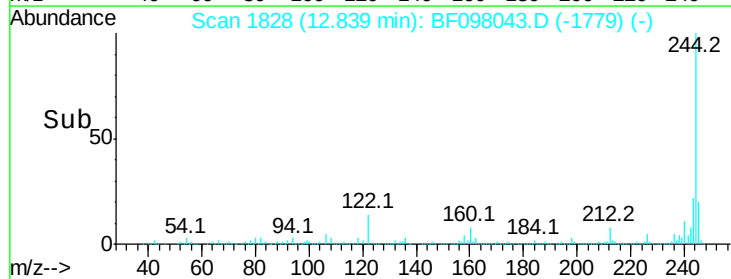
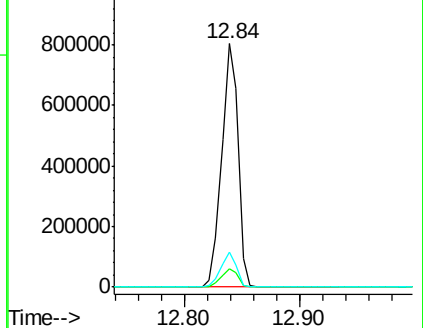
122 14.4 10.3 15.5

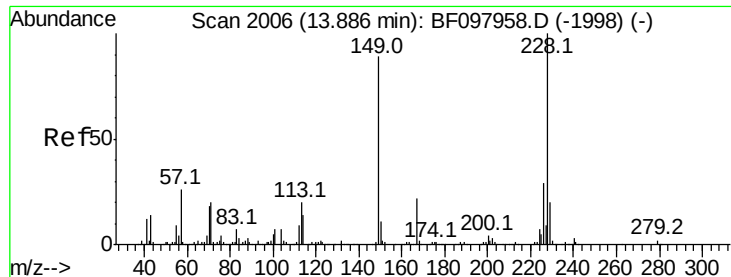


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.189 ng

RT: 13.87 min Scan# 2004

Delta R.T. -0.01 min

Lab File: BF098043.D

Acq: 25 Aug 2017 21:14

Instrument :

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ClientSampleId :

VNJ-211

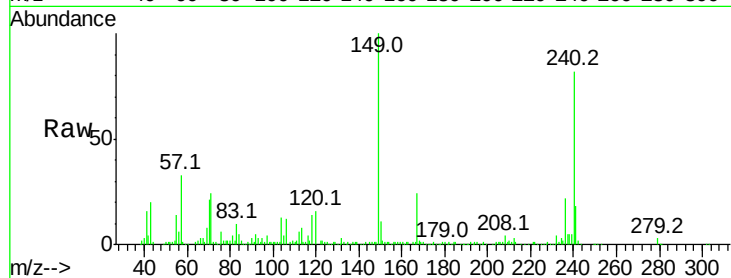
Tot Ion:149 Resp: 91474

Ion Ratio Lower Upper

149 100

167 24.4 21.0 31.4

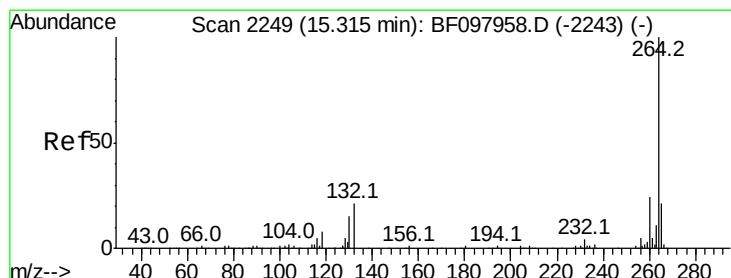
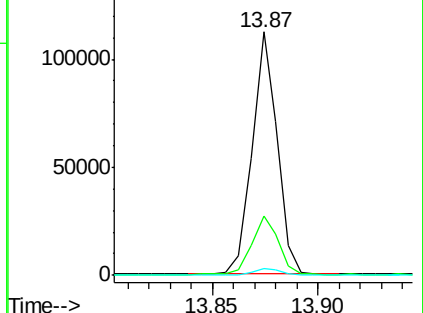
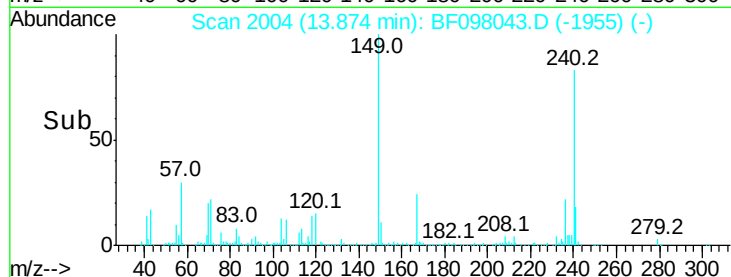
279 2.6 1.9 2.9



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: 15.31 min Scan# 2248

Delta R.T. -0.00 min

Lab File: BF098043.D

Acq: 25 Aug 2017 21:14

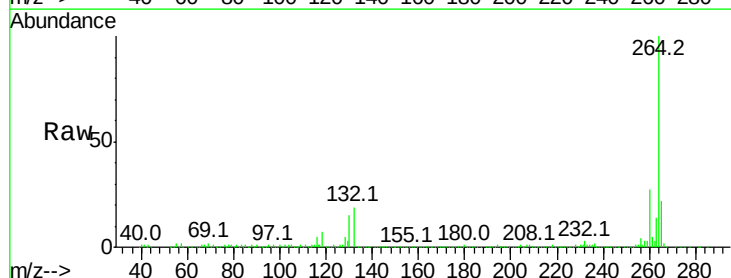
Tgt Ion:264 Resp: 462880

Ion Ratio Lower Upper

264 100

260 26.5 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

