

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
 Data File : BF097645.D
 Acq On : 12 Aug 2017 20:54
 Operator : SJ/JU
 Sample : I4631-04
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 VE-1-2

Quant Time: Aug 14 06:53:43 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 11 15:55:57 2017
 Response via : Initial Calibration

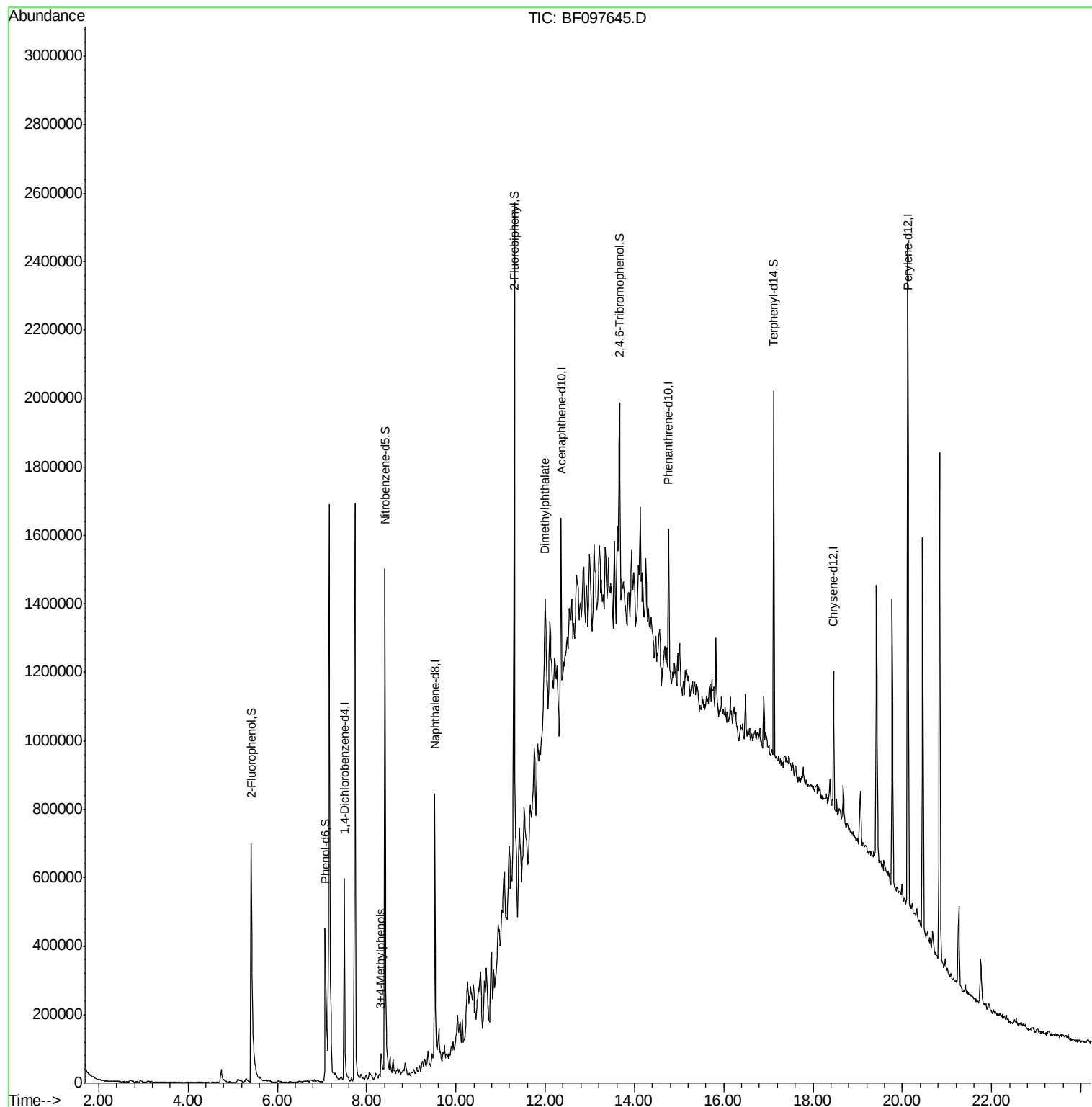
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	124947	20.00	ng	-0.01
21) Naphthalene-d8	9.53	136	501611	20.00	ng	-0.01
38) Acenaphthene-d10	12.36	164	172644	20.00	ng	-0.01
63) Phenanthrene-d10	14.76	188	219978	20.00	ng	0.00
75) Chrysene-d12	18.46	240	183065	20.00	ng	0.00
86) Perylene-d12	20.13	264	147377	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	466178	59.30	ng	0.01
7) Phenol-d6	7.07	99	357843	36.70	ng	0.01
23) Nitrobenzene-d5	8.41	82	726250	90.79	ng	-0.01
41) 2,4,6-Tribromophenol	13.67	330	146171	111.38	ng	0.00
44) 2-Fluorobiphenyl	11.31	172	1023323	89.46	ng	-0.01
78) Terphenyl-d14	17.12	244	515943	58.33	ng	0.00
Target Compounds						
20) 3+4-Methylphenols	8.32	107	57895	6.769	ng	Qvalue # 53
49) Dimethylphthalate	12.00	163	65068	4.890	ng	96

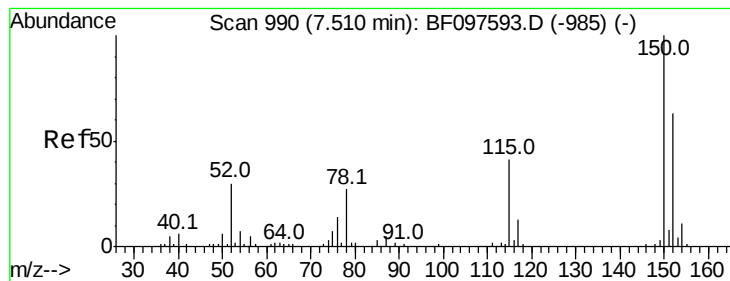
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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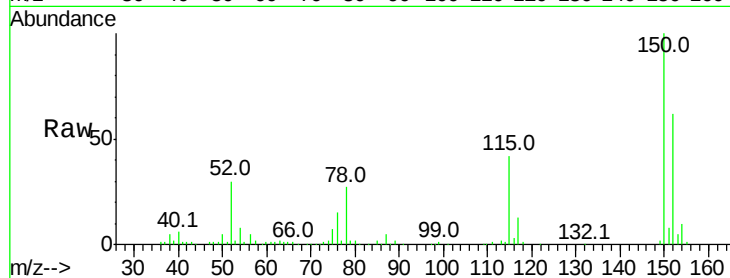


#1

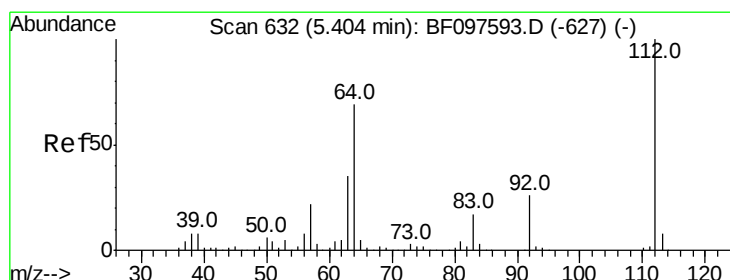
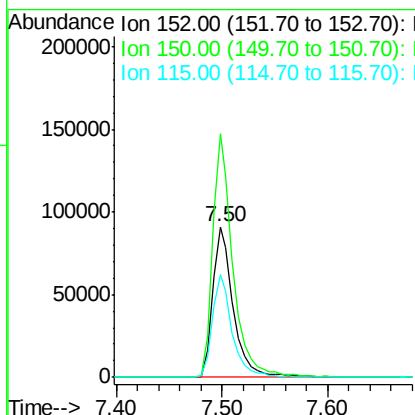
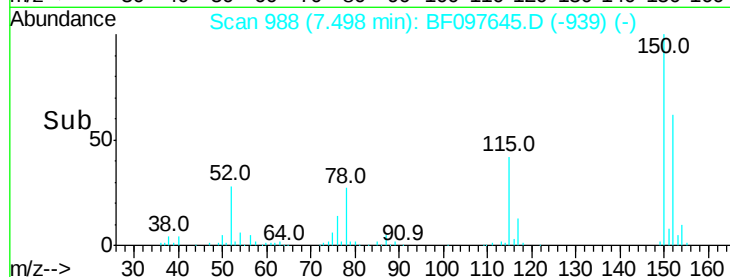
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.50 min Scan# 988
Delta R.T. -0.01 min
Lab File: BF097645.D
Acq: 12 Aug 2017 20:54

Instrument :
BNA_F
ClientSampleId :
VE-1-2

Tot Ion	Ratio	Lower	Upper
152	100		
150	161.8	126.2	189.2
115	68.6	52.2	78.2



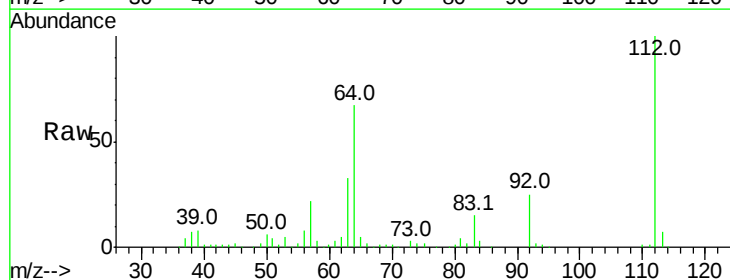
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



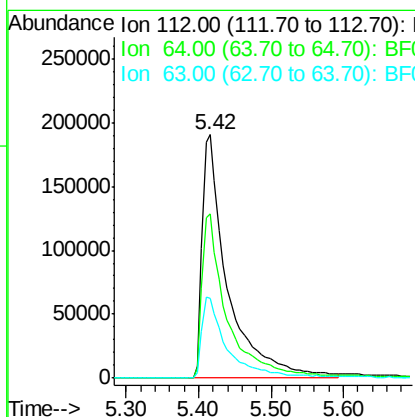
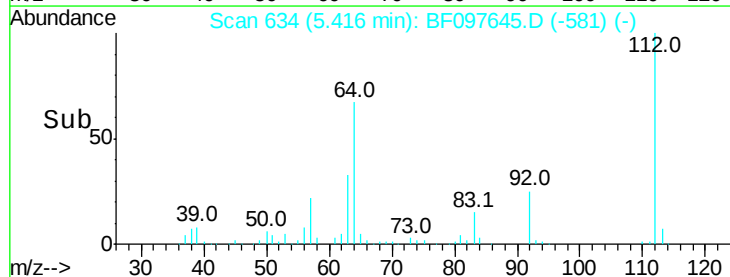
#5

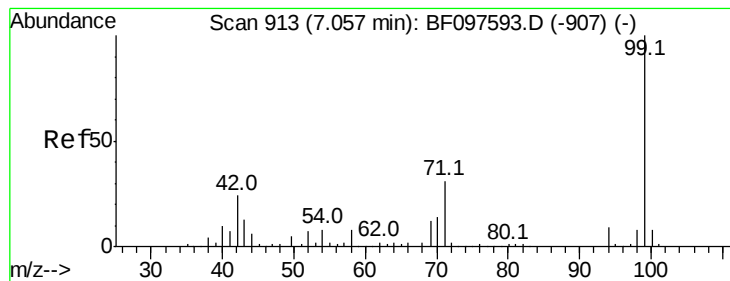
2-Fluorophenol
Concen: 59.304 ng
RT: 5.42 min Scan# 634
Delta R.T. 0.01 min
Lab File: BF097645.D
Acq: 12 Aug 2017 20:54

Tgt Ion	Ratio	Lower	Upper
112	100		
64	67.4	46.0	69.0
63	32.9	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: 36.697 ng

RT: 7.07 min Scan# 915

Delta R.T. 0.01 min

Lab File: BF097645.D

Acq: 12 Aug 2017 20:54

Instrument :

BNA_F

ClientSampleId :

VE-1-2

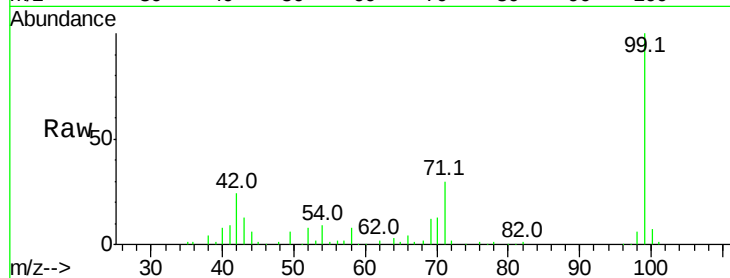
Tot Ion: 99 Resp: 357843

Ion Ratio Lower Upper

99 100

42 23.8 13.5 20.3#

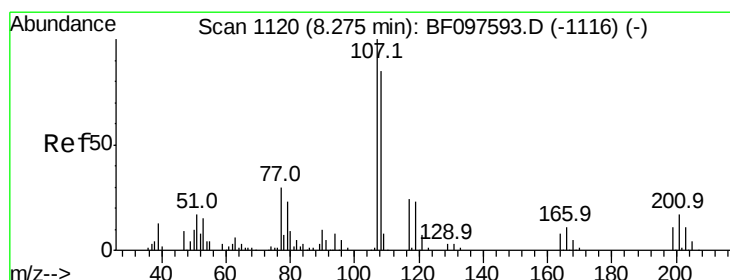
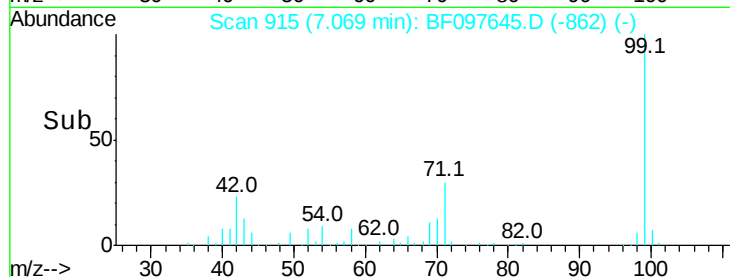
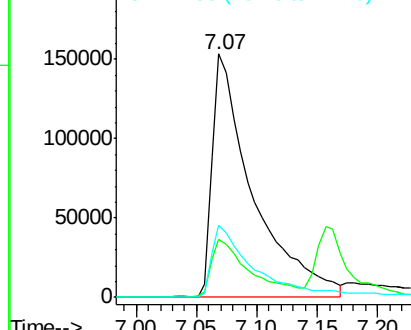
71 29.6 24.5 36.7



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



#20

3+4-Methylphenols

Concen: 6.769 ng

RT: 8.32 min Scan# 1128

Delta R.T. 0.05 min

Lab File: BF097645.D

Acq: 12 Aug 2017 20:54

Tgt Ion: 107 Resp: 57895

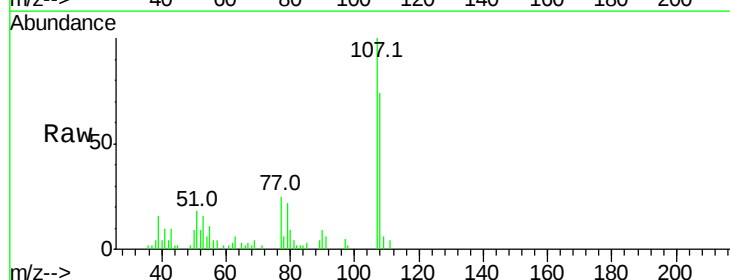
Ion Ratio Lower Upper

107 100

108 73.7 71.0 111.0

77 25.5 90.5 130.5#

79 21.7 8.4 48.4

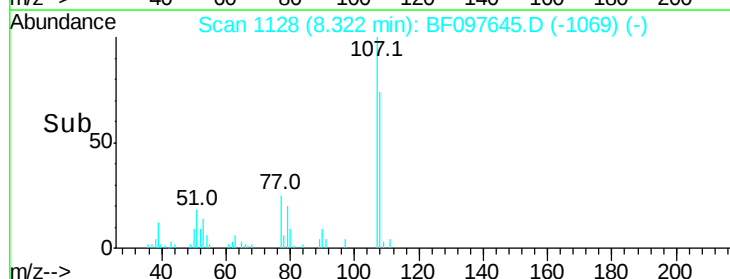
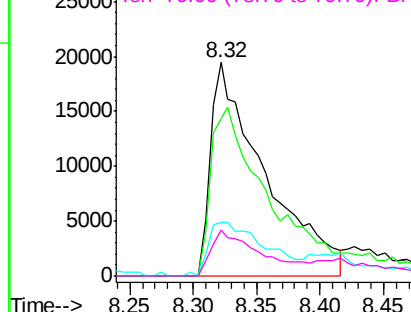


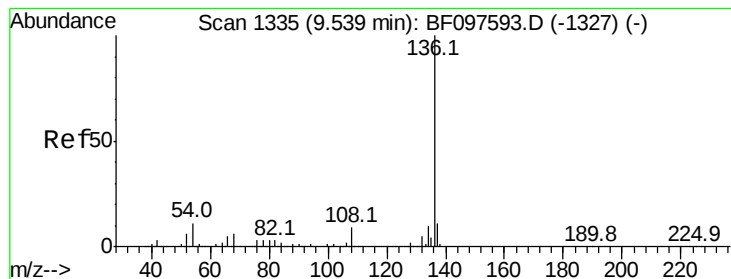
Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 9.53 min Scan# 1333

Delta R.T. -0.01 min

Lab File: BF097645.D

Acq: 12 Aug 2017 20:54

Instrument :

BNA_F

ClientSampled :

VE-1-2

Tot Ion:136 Resp: 501611

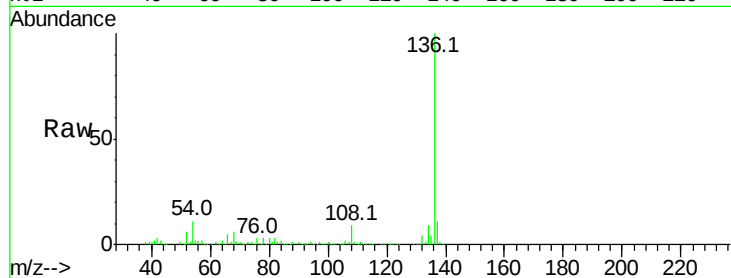
Ion Ratio Lower Upper

136 100

137 11.0 8.5 12.7

54 11.1 4.9 7.3#

68 6.5 4.1 6.1#

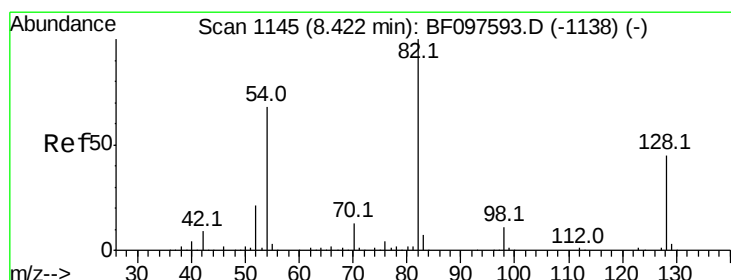
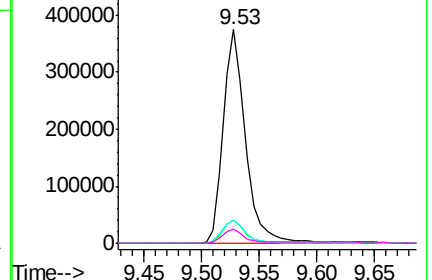
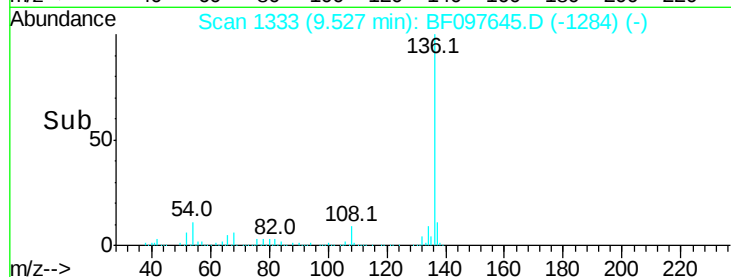


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.786 ng

RT: 8.41 min Scan# 1143

Delta R.T. -0.01 min

Lab File: BF097645.D

Acq: 12 Aug 2017 20:54

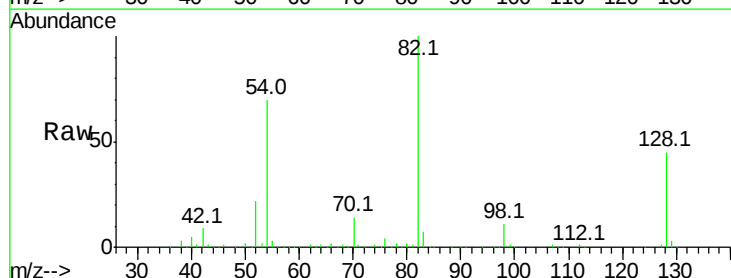
Tgt Ion: 82 Resp: 726250

Ion Ratio Lower Upper

82 100

128 44.6 34.0 51.0

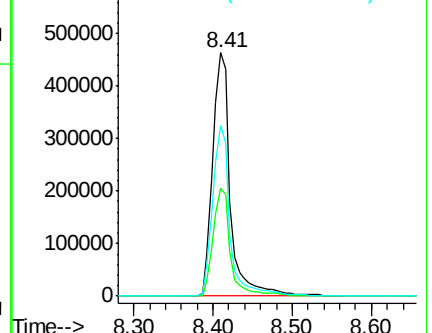
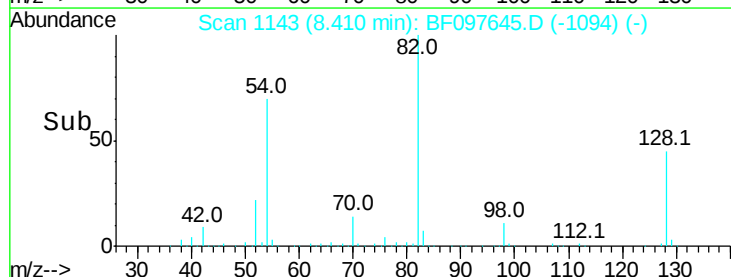
54 70.0 42.2 63.2#

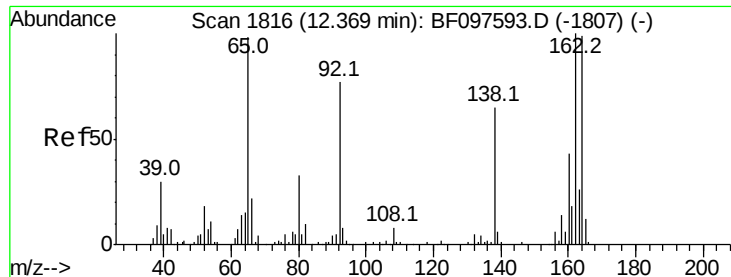


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 12.36 min Scan# 1814

Delta R.T. -0.01 min

Lab File: BF097645.D

Acq: 12 Aug 2017 20:54

Instrument :

BNA_F

ClientSampleId :

VE-1-2

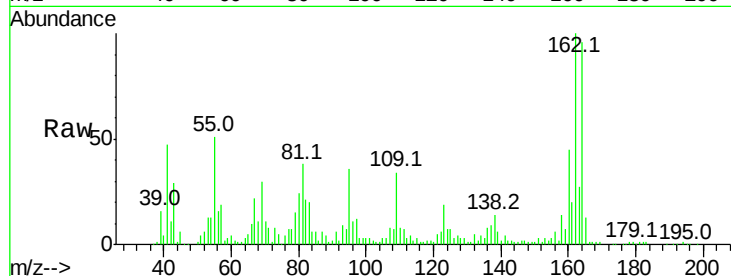
Tot Ion:164 Resp: 172644

Ion Ratio Lower Upper

164 100

162 104.3 82.6 123.8

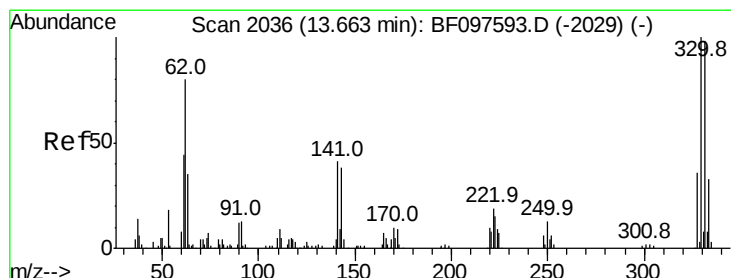
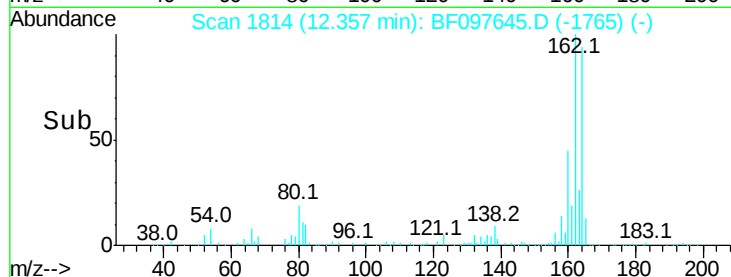
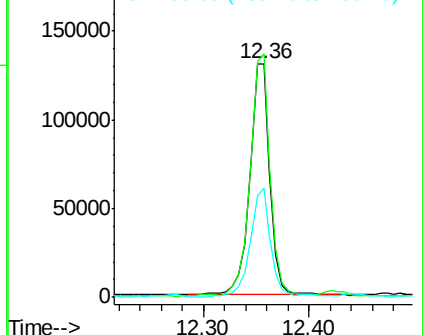
160 46.9 36.2 54.2



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: 111.376 ng

RT: 13.67 min Scan# 2037

Delta R.T. 0.01 min

Lab File: BF097645.D

Acq: 12 Aug 2017 20:54

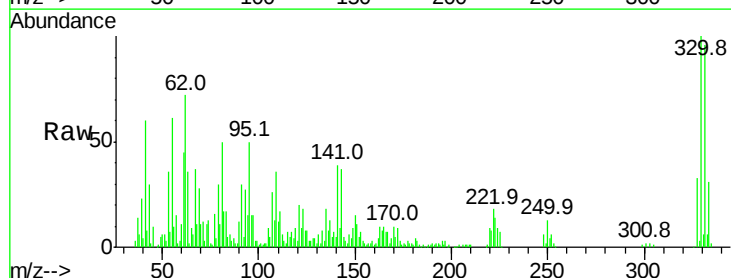
Tgt Ion:330 Resp: 146171

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

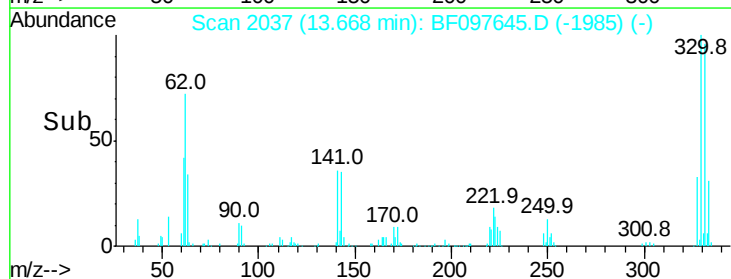
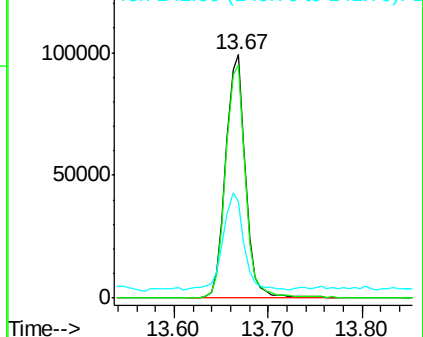
141 41.8 31.4 47.2

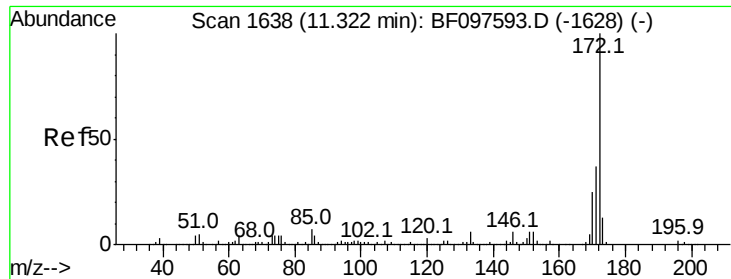


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

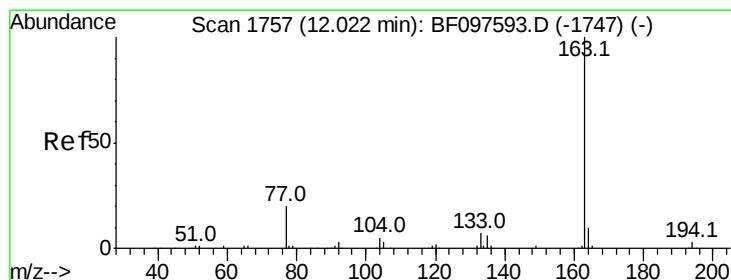
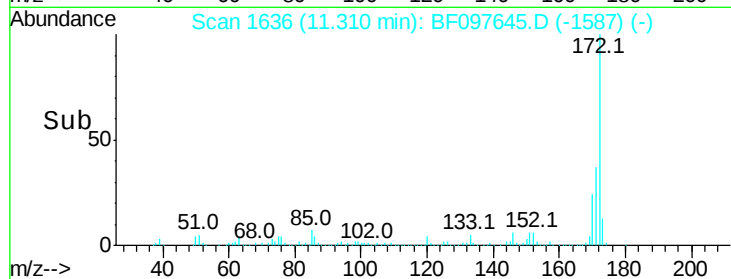
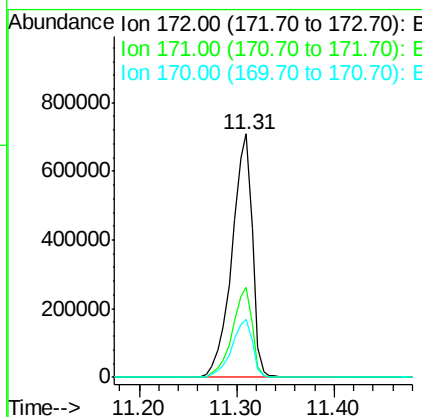
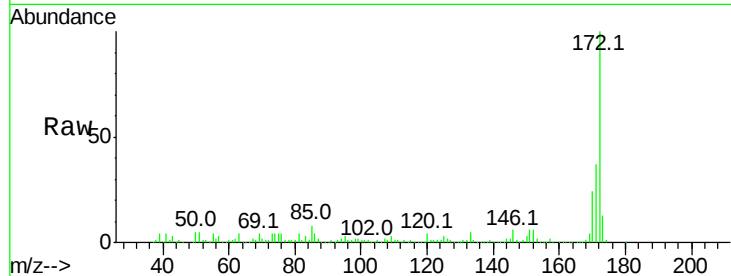




#44
2-Fluorobiphenyl
Concen: 89.455 ng
RT: 11.31 min Scan# 1636
Delta R.T. -0.01 min
Lab File: BF097645.D
Acq: 12 Aug 2017 20:54

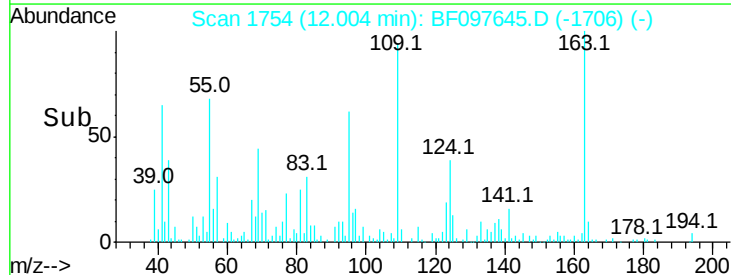
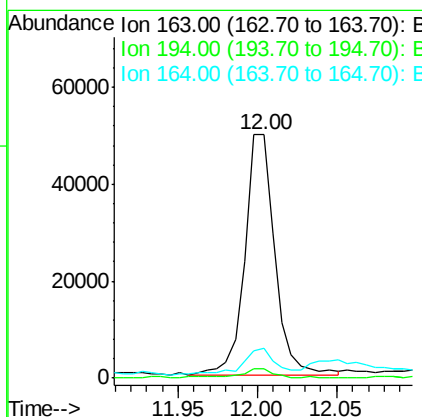
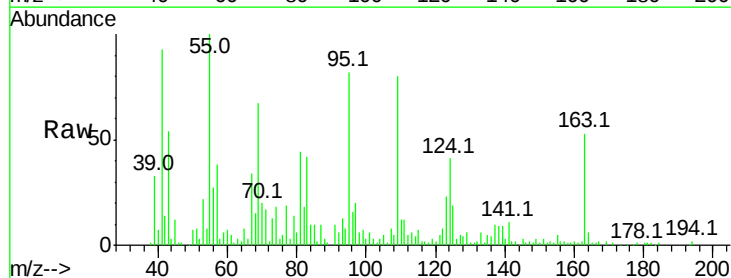
Instrument :
BNA_F
ClientSampleId :
VE-1-2

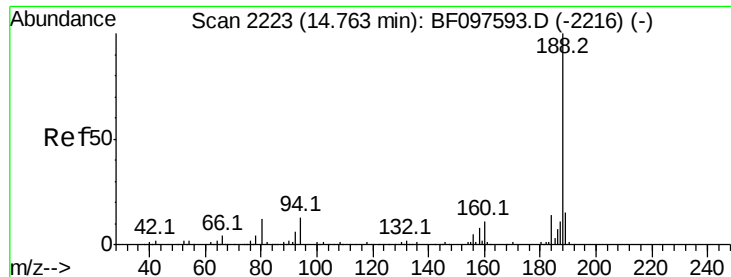
Tot Ion:172 Resp: 1023323
Ion Ratio Lower Upper
172 100
171 36.8 29.6 44.4
170 24.0 19.8 29.8



#49
Dimethylphthalate
Concen: 4.890 ng
RT: 12.00 min Scan# 1754
Delta R.T. -0.02 min
Lab File: BF097645.D
Acq: 12 Aug 2017 20:54

Tgt Ion:163 Resp: 65068
Ion Ratio Lower Upper
163 100
194 3.9 2.6 4.0
164 12.2 8.4 12.6

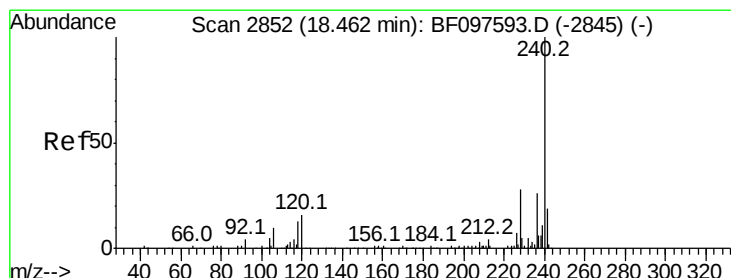
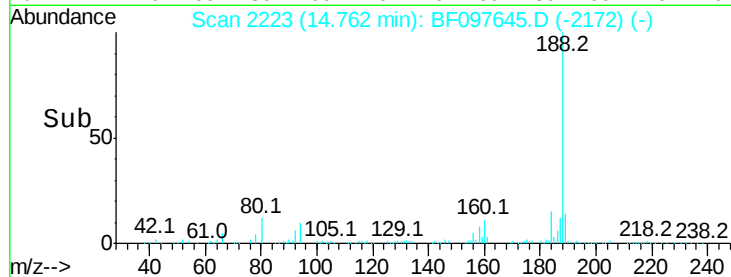
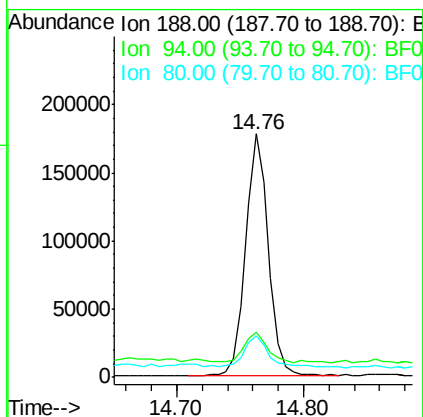
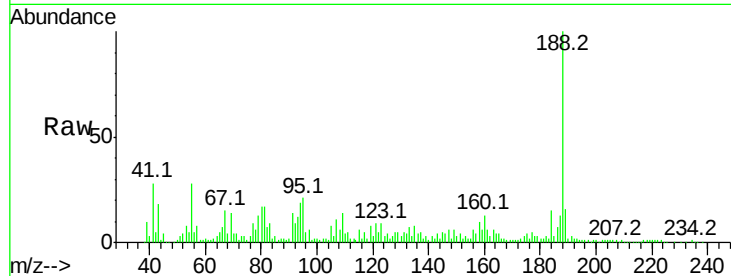




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 2223
Delta R.T. -0.00 min
Lab File: BF097645.D
Acq: 12 Aug 2017 20:54

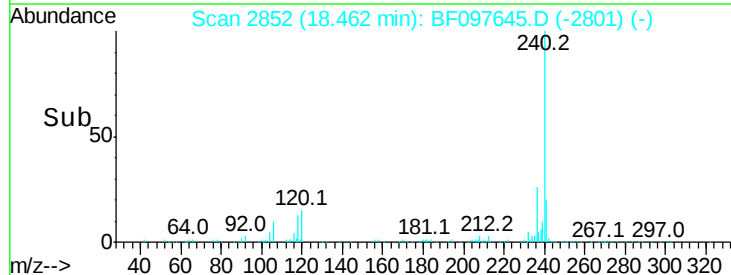
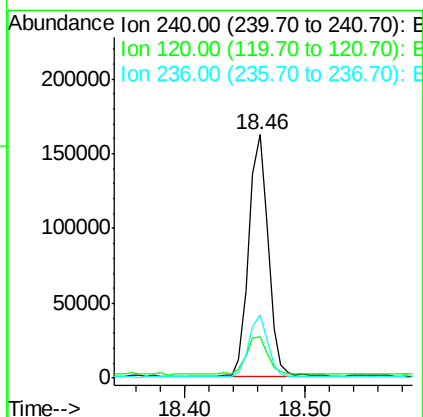
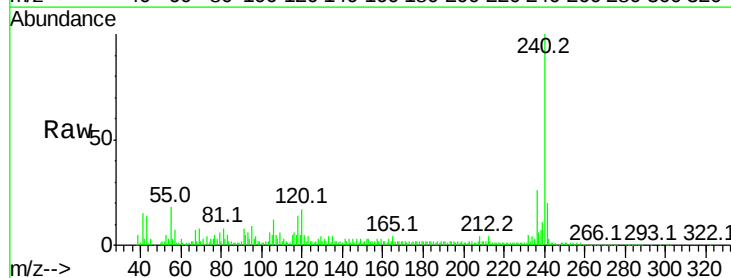
Instrument :
BNA_F
ClientSampleId :
VE-1-2

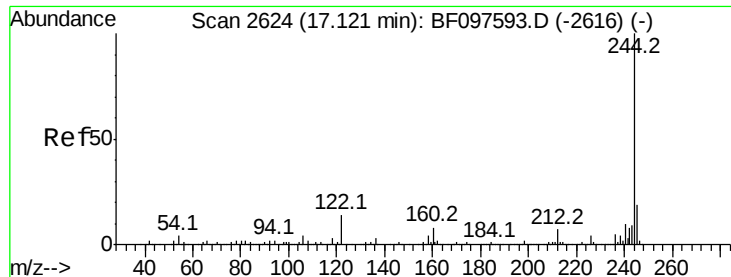
Tot Ion:188 Resp: 219978
Ion Ratio Lower Upper
188 100
94 18.5 9.4 14.2#
80 17.0 10.2 15.2#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 18.46 min Scan# 2852
Delta R.T. -0.00 min
Lab File: BF097645.D
Acq: 12 Aug 2017 20:54

Tgt Ion:240 Resp: 183065
Ion Ratio Lower Upper
240 100
120 16.9 5.8 8.8#
236 26.0 20.5 30.7

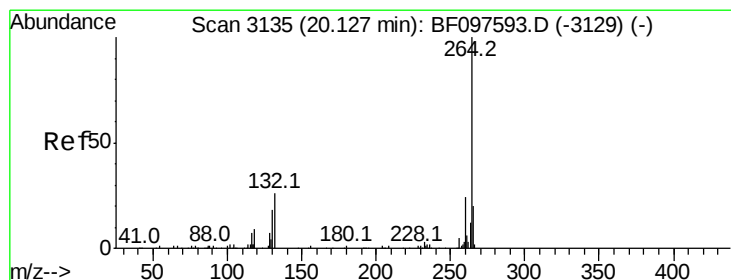
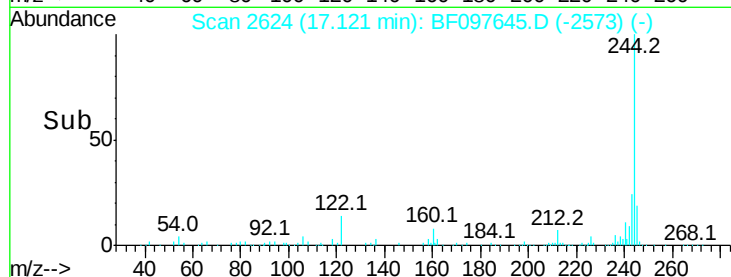
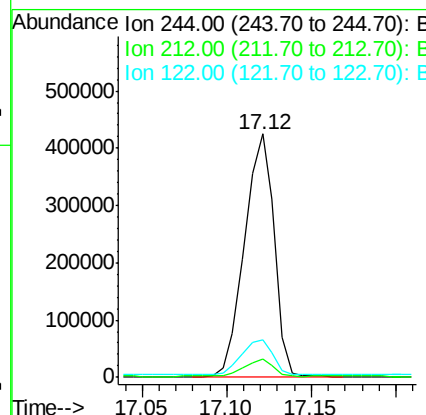
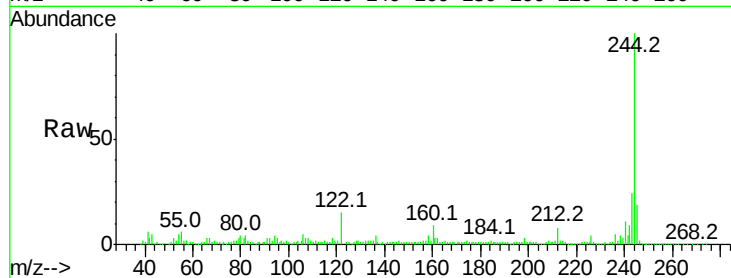




#78
 Terphenyl-d14
 Concen: 58.331 ng
 RT: 17.12 min Scan# 2624
 Delta R.T. -0.00 min
 Lab File: BF097645.D
 Acq: 12 Aug 2017 20:54

Instrument :
 BNA_F
 ClientSampleId :
 VE-1-2

Tot Ion:244 Resp: 515943
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.0 9.0
 122 15.3 10.3 15.5



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 20.13 min Scan# 3135
 Delta R.T. -0.00 min
 Lab File: BF097645.D
 Acq: 12 Aug 2017 20:54

Tgt Ion:264 Resp: 147377
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.5 29.3
 265 19.9 17.2 25.8

