

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071917\
 Data File : BF096879.D
 Acq On : 19 Jul 2017 19:32
 Operator : SJ/JU
 Sample : I4281-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 HOBOKEN-CONCRETE

Quant Time: Jul 20 08:32:24 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF071317.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 18 13:33:22 2017
 Response via : Initial Calibration

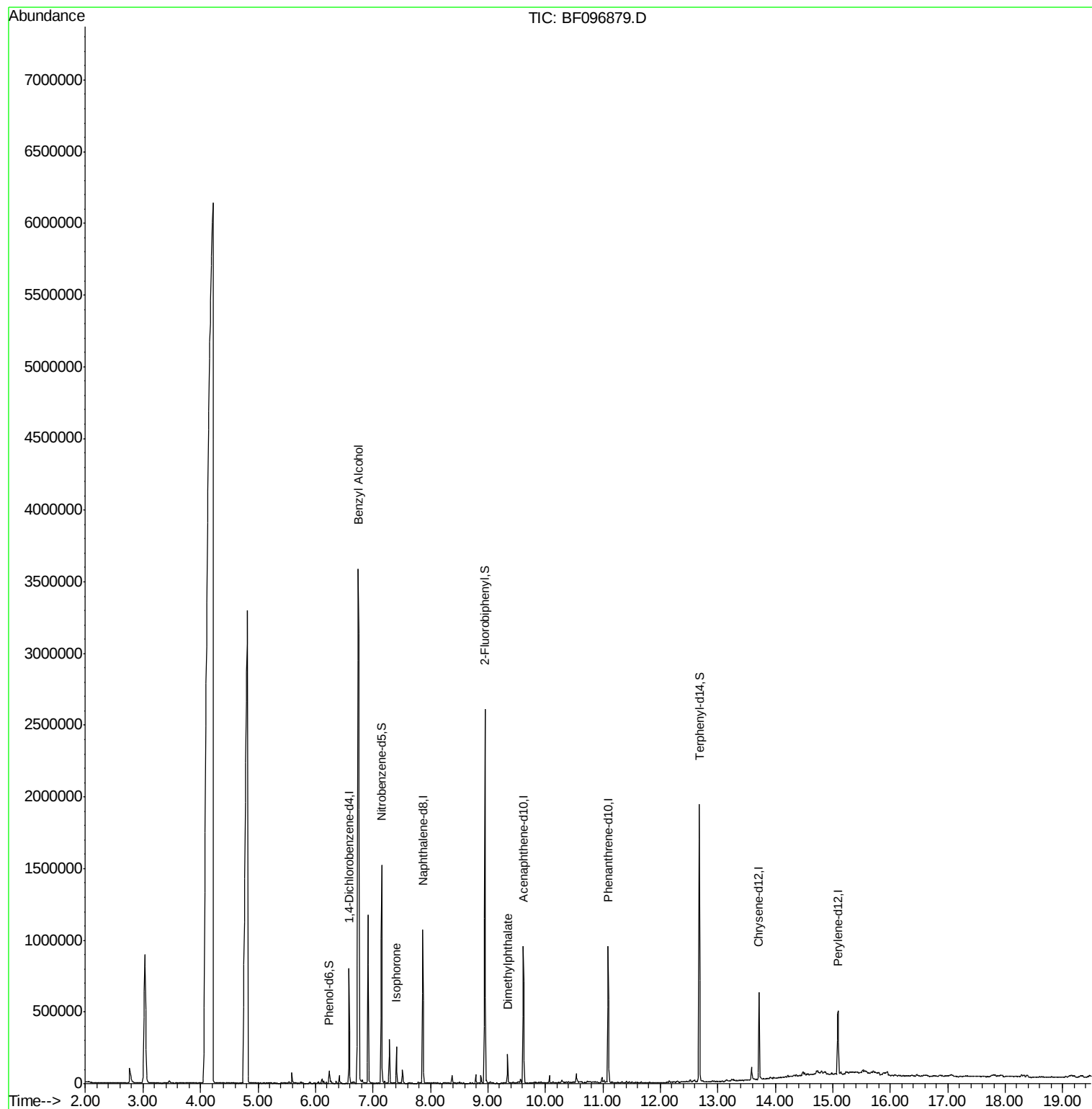
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	110093	20.00	ng	-0.01
21) Naphthalene-d8	7.87	136	454555	20.00	ng	-0.02
38) Acenaphthene-d10	9.62	164	185684	20.00	ng	-0.02
63) Phenanthrene-d10	11.09	188	316994	20.00	ng	-0.01
75) Chrysene-d12	13.72	240	208980	20.00	ng	-0.01
86) Perylene-d12	15.09	264	186255	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.21	112	2580	0.35	ng	0.01
7) Phenol-d6	6.24	99	35266	4.01	ng	-0.01
23) Nitrobenzene-d5	7.15	82	496954	67.72	ng	-0.02
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.95	172	862362	73.38	ng	-0.01
78) Terphenyl-d14	12.68	244	614394	50.99	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.75	79	739156	128.491	ng	99
25) Isophorone	7.41	82	89789	6.577	ng	94
49) Dimethylphthalate	9.35	163	85807	6.137	ng	99

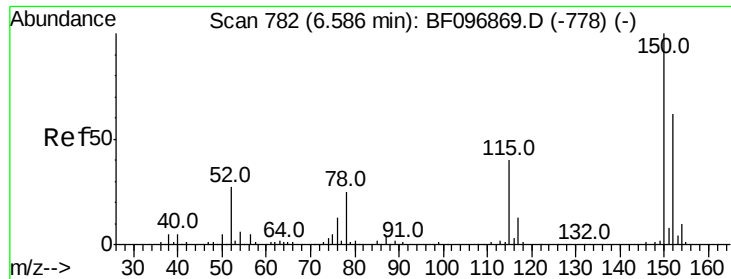
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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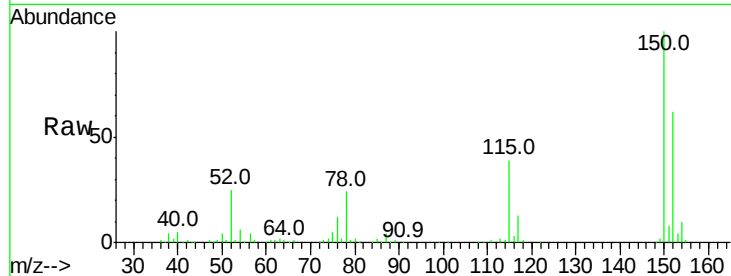


#1

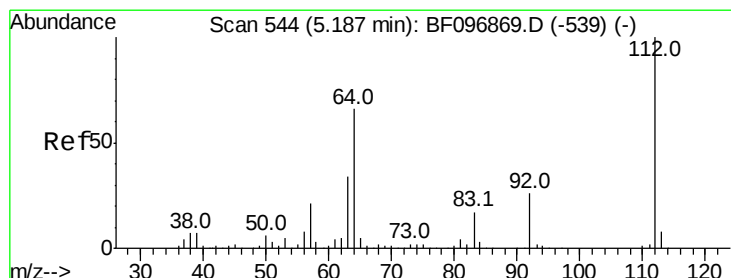
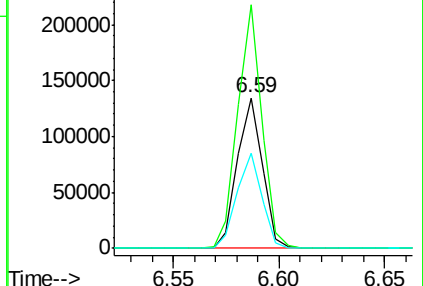
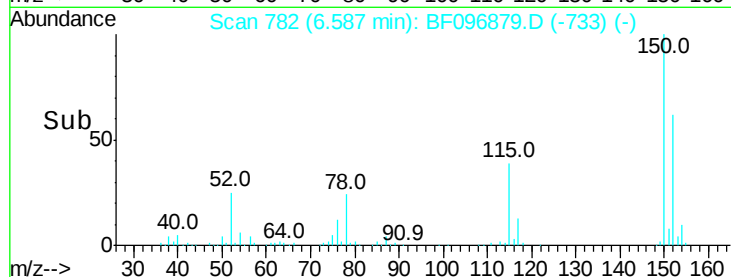
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.59 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096879.D
Acq: 19 Jul 2017 19:32

Instrument :
BNA_F
ClientSampleId :
HOBOKEN-CONCRETE

Tot Ion:152 Resp: 110093
Ion Ratio Lower Upper
152 100
150 161.5 126.2 189.2
115 62.7 52.2 78.2



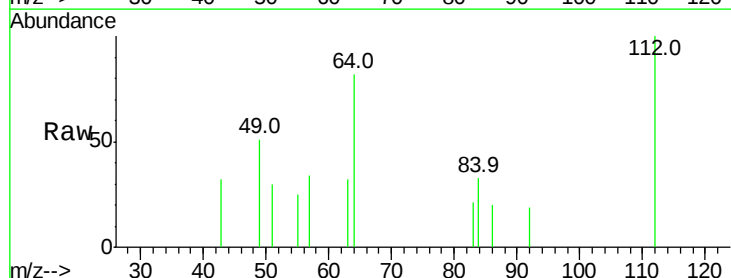
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



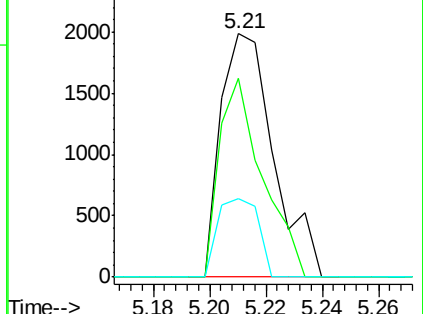
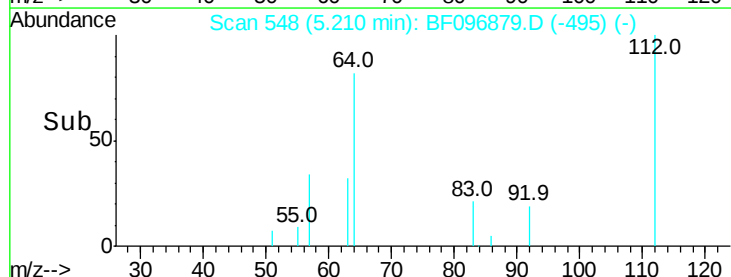
#5

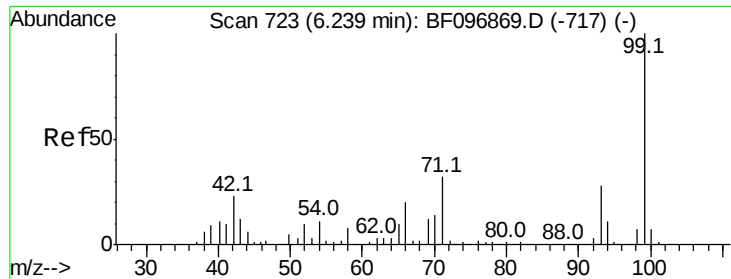
2-Fluorophenol
Concen: 0.352 ng
RT: 5.21 min Scan# 548
Delta R.T. 0.01 min
Lab File: BF096879.D
Acq: 19 Jul 2017 19:32

Tgt Ion:112 Resp: 2580
Ion Ratio Lower Upper
112 100
64 81.7 46.0 69.0#
63 32.4 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: 4.014 ng

RT: 6.24 min Scan# 723

Delta R.T. -0.01 min

Lab File: BF096879.D

Acq: 19 Jul 2017 19:32

Instrument :

BNA_F

ClientSampleId :

HOBOKEN-CONCRETE

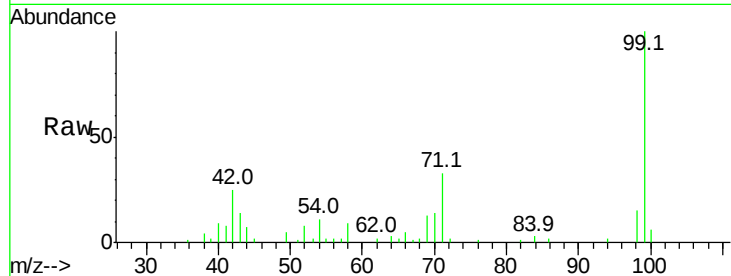
Tot Ion: 99 Resp: 35266

Ion Ratio Lower Upper

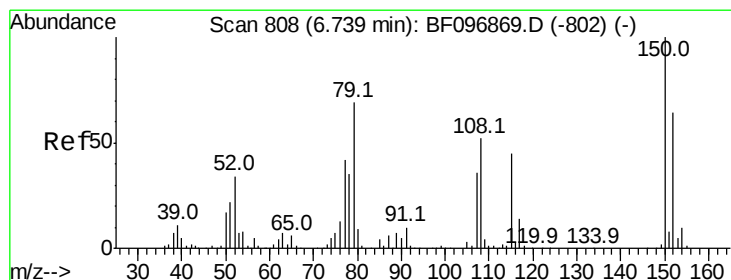
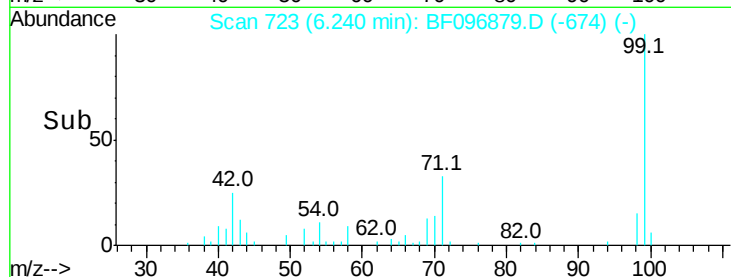
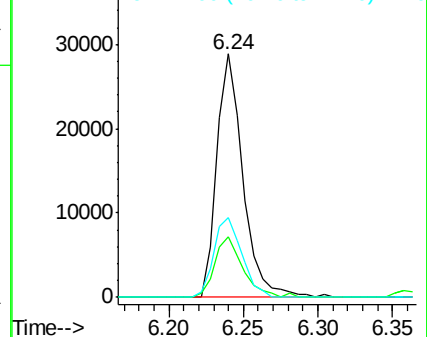
99 100

42 25.1 13.5 20.3#

71 32.9 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



#15

Benzyl Alcohol

Concen: 128.491 ng

RT: 6.75 min Scan# 810

Delta R.T. 0.00 min

Lab File: BF096879.D

Acq: 19 Jul 2017 19:32

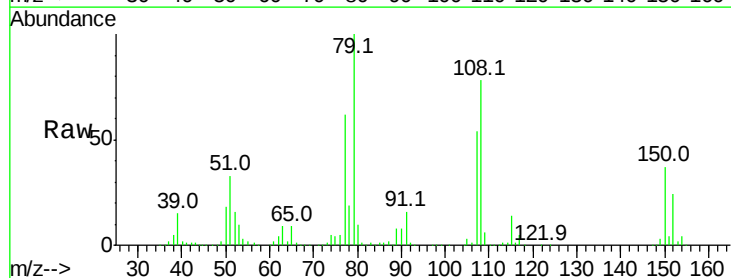
Tgt Ion: 79 Resp: 739156

Ion Ratio Lower Upper

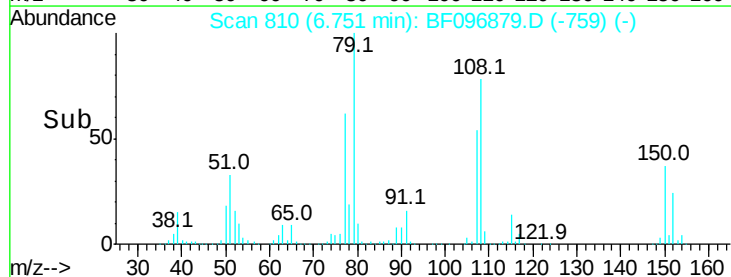
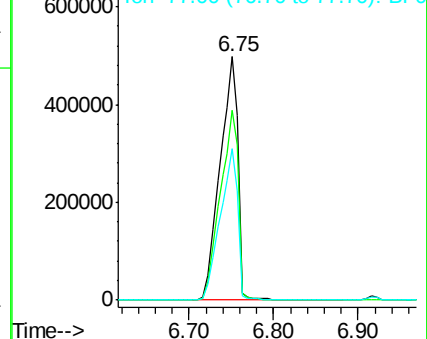
79 100

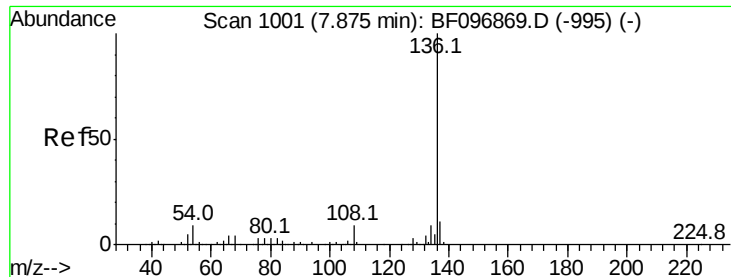
108 77.8 63.4 95.0

77 62.0 49.2 73.8



Abundance Ion 79.00 (78.70 to 79.70): BF0
Ion 108.00 (107.70 to 108.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

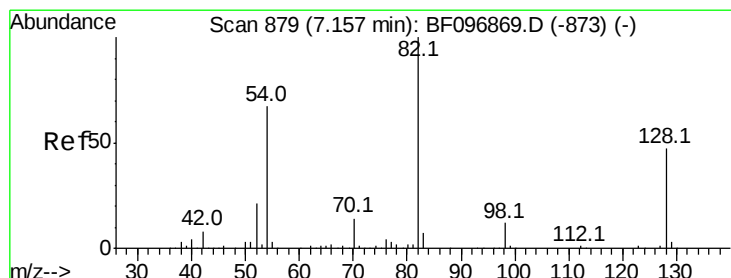
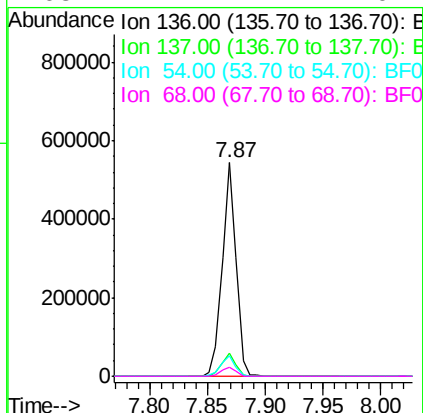
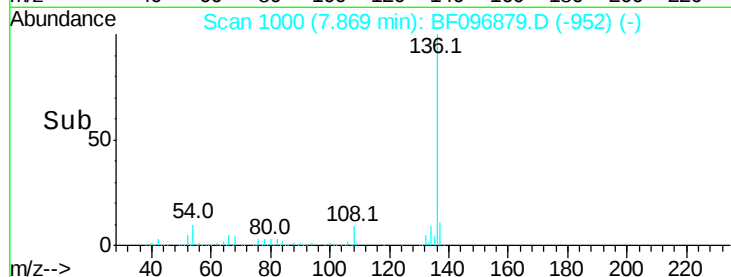
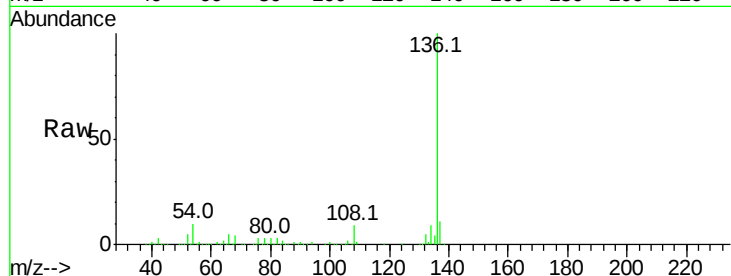




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.87 min Scan# 1000
Delta R.T. -0.02 min
Lab File: BF096879.D
Acq: 19 Jul 2017 19:32

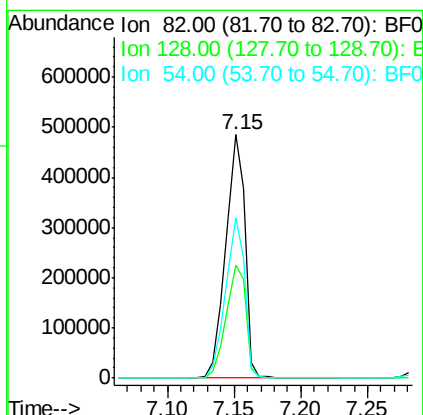
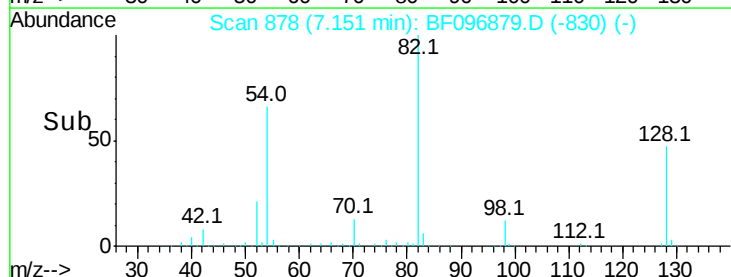
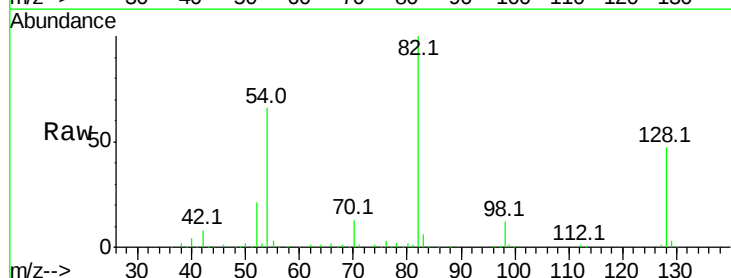
Instrument :
BNA_F
ClientSampleId :
HOBOKEN-CONCRETE

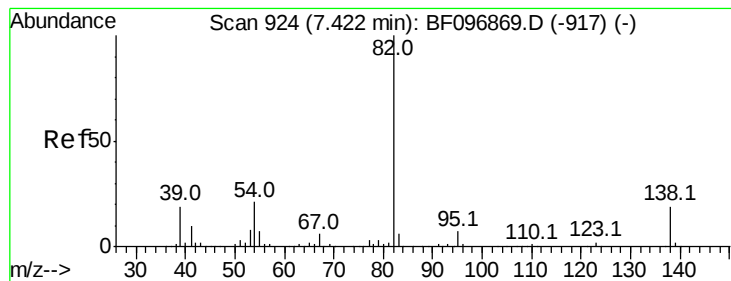
Tot Ion:136	Resp:	454555
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.5 12.7
54	9.9	4.9 7.3#
68	4.4	4.1 6.1



#23
Nitrobenzene-d5
Concen: 67.718 ng
RT: 7.15 min Scan# 878
Delta R.T. -0.02 min
Lab File: BF096879.D
Acq: 19 Jul 2017 19:32

Tgt Ion: 82	Resp:	496954
Ion Ratio	Lower	Upper
82	100	
128	46.6	34.0 51.0
54	66.0	42.2 63.2#





#25

Isophorone

Concen: 6.577 ng

RT: 7.41 min Scan# 922

Delta R.T. -0.02 min

Lab File: BF096879.D

Acq: 19 Jul 2017 19:32

Instrument :

BNA_F

ClientSampleId :

HOBOKEN-CONCRETE

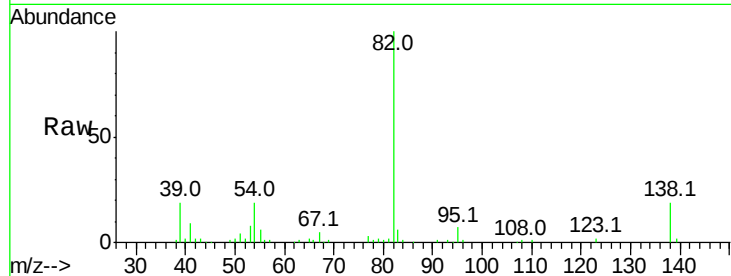
Tot Ion: 82 Resp: 89789

Ion Ratio Lower Upper

82 100

95 7.1 5.3 7.9

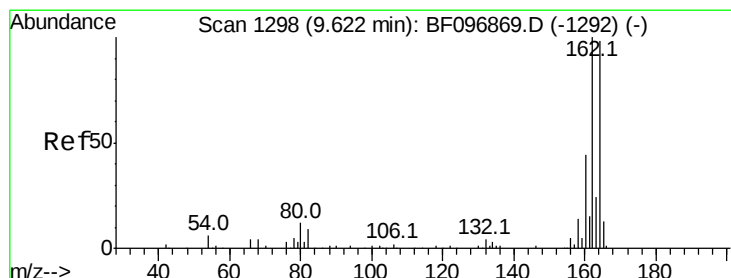
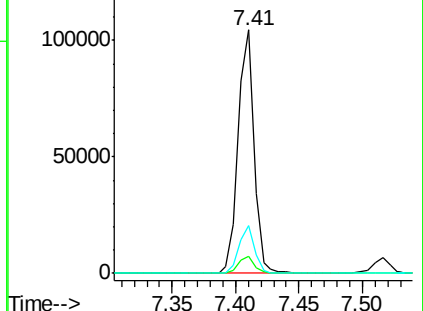
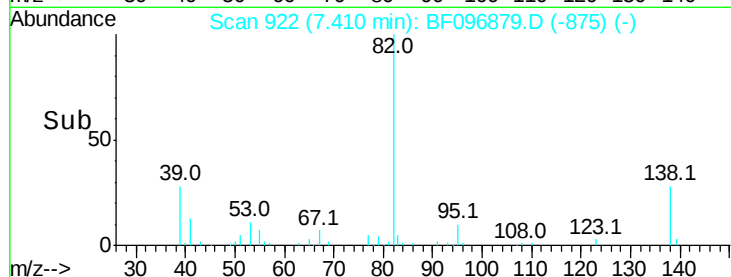
138 19.4 13.1 19.7



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.62 min Scan# 1297

Delta R.T. -0.02 min

Lab File: BF096879.D

Acq: 19 Jul 2017 19:32

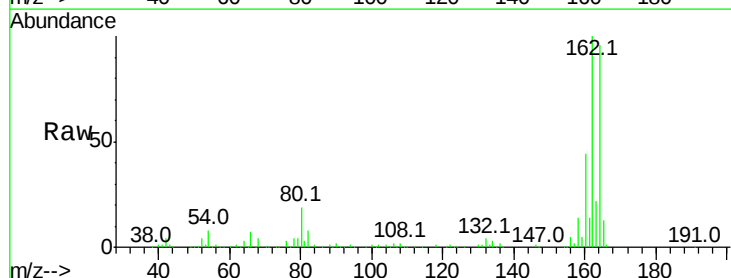
Tgt Ion:164 Resp: 185684

Ion Ratio Lower Upper

164 100

162 104.4 82.6 123.8

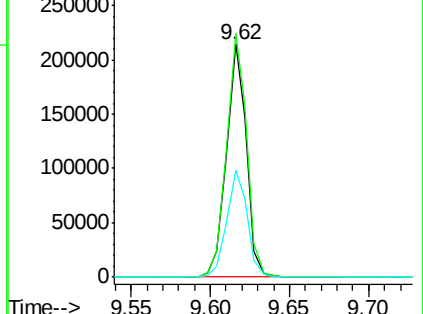
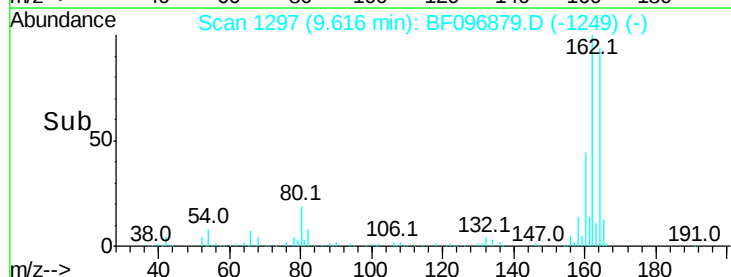
160 46.0 36.2 54.2

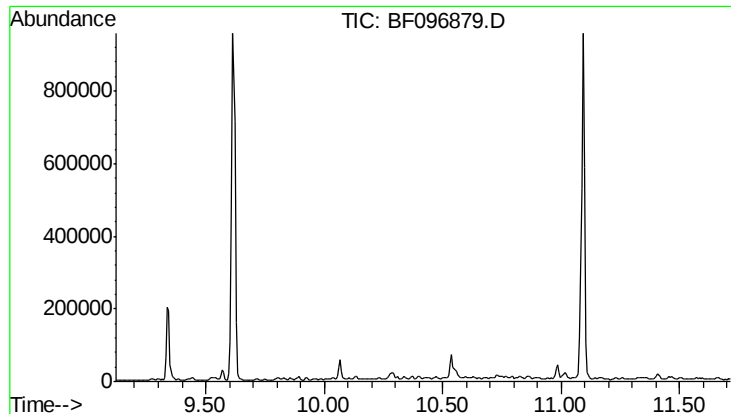


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

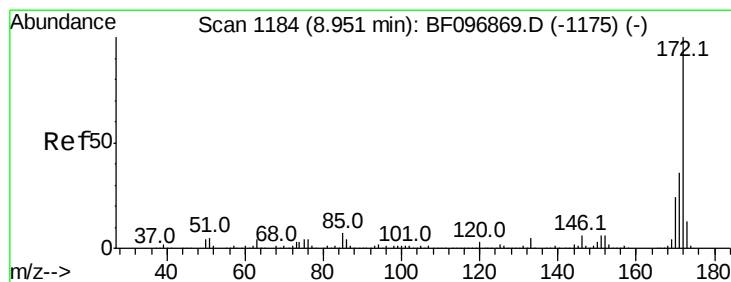
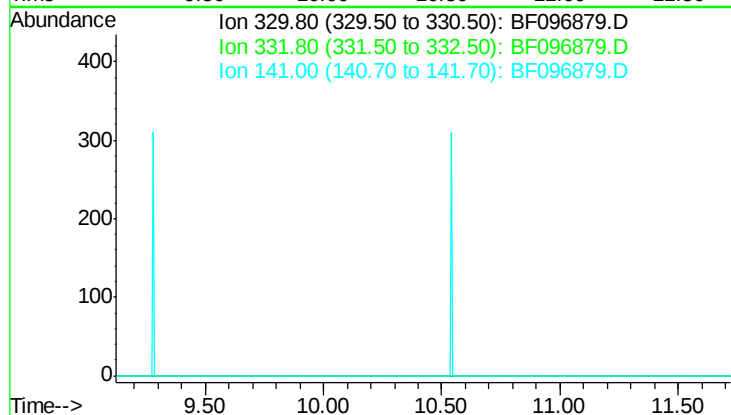




#41
 2,4,6-Tribromophenol
 Concen: 0.000 ng
 Expected RT: 10.42 min
 Lab File: BF096879.D
 Acq: 19 Jul 2017 19:32

Instrument :
 BNA_F
 ClientSampleId :
 HOBOKEN-CONCRETE

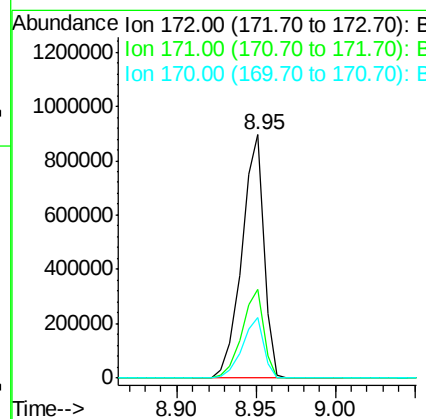
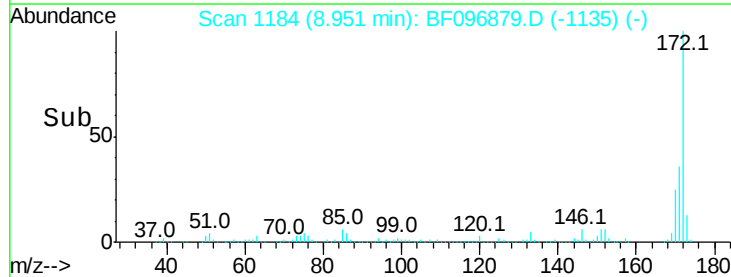
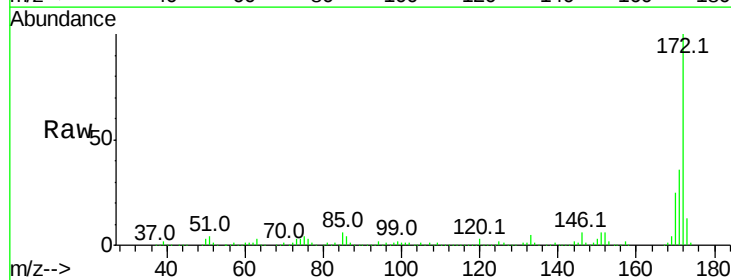
Tot Ion: 330
 Sig Exp Ratio
 330 100
 332 95.8
 141 39.3

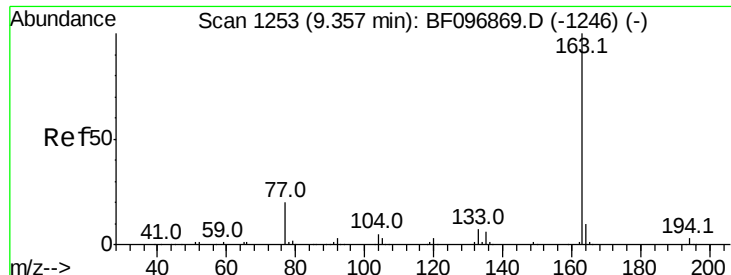


#44
 2-Fluorobiphenyl
 Concen: 73.375 ng
 RT: 8.95 min Scan# 1184
 Delta R.T. -0.01 min
 Lab File: BF096879.D
 Acq: 19 Jul 2017 19:32

Tgt Ion: 172 Resp: 862362

Ion	Ratio	Lower	Upper
172	100		
171	36.4	29.6	44.4
170	24.9	19.8	29.8

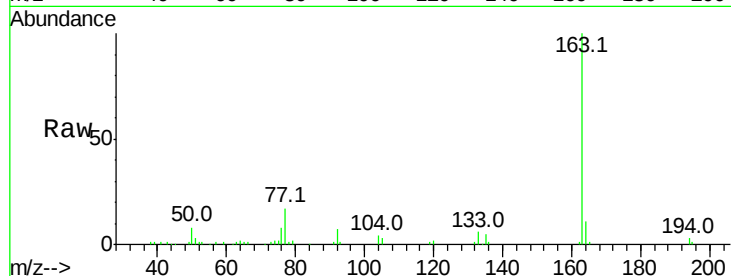




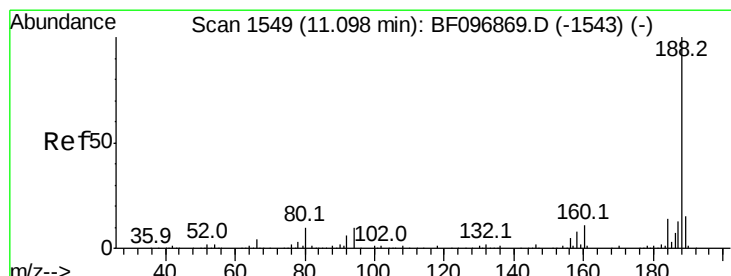
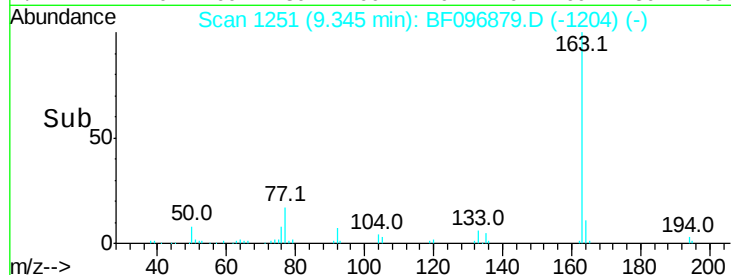
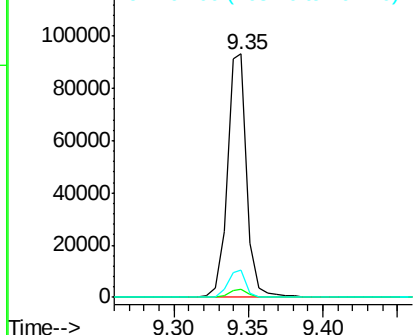
#49
 Dimethylphthalate
 Concen: 6.137 ng
 RT: 9.35 min Scan# 1251
 Delta R.T. -0.02 min
 Lab File: BF096879.D
 Acq: 19 Jul 2017 19:32

Instrument :
 BNA_F
 ClientSampleId :
 HOBOKEN-CONCRETE

Tot Ion:163 Resp: 85807
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.6 4.0
 164 11.0 8.4 12.6

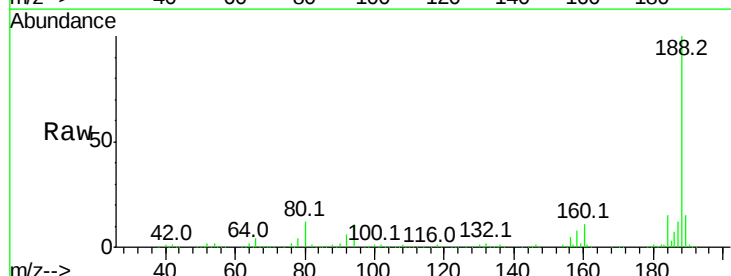


Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

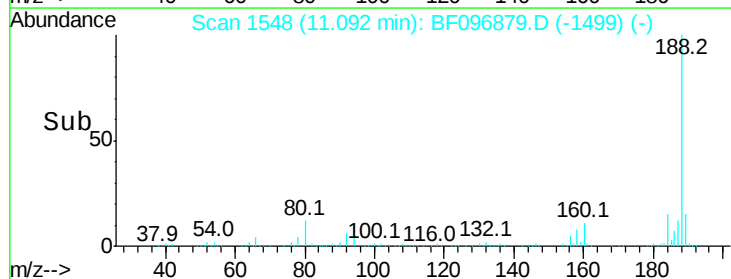
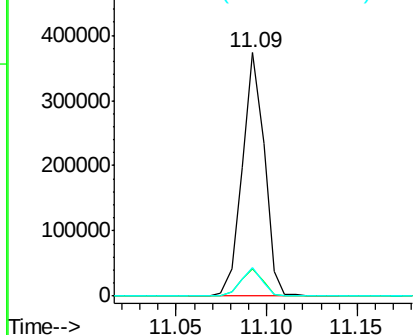


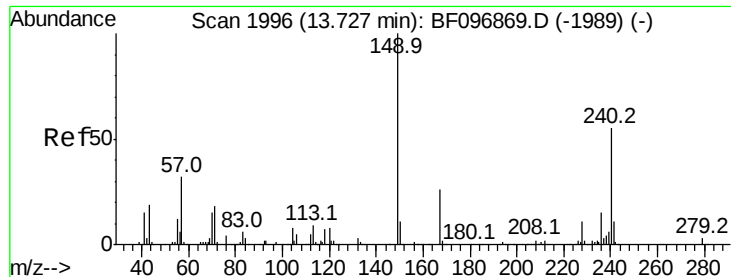
#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.09 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF096879.D
 Acq: 19 Jul 2017 19:32

Tgt Ion:188 Resp: 316994
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.4 14.2
 80 11.9 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: 13.72 min Scan# 1995

Delta R.T. -0.01 min

Lab File: BF096879.D

Acq: 19 Jul 2017 19:32

Instrument :

BNA_F

ClientSampleId :

HOBOKEN-CONCRETE

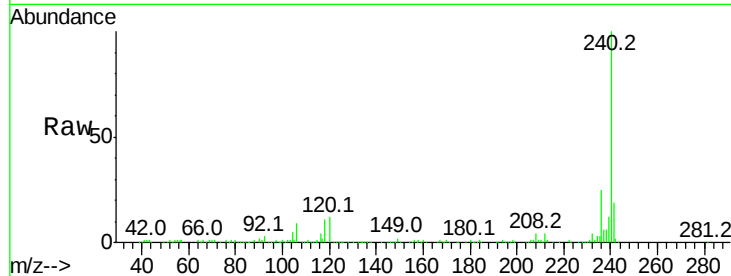
Tot Ion:240 Resp: 208980

Ion Ratio Lower Upper

240 100

120 11.8 5.8 8.8#

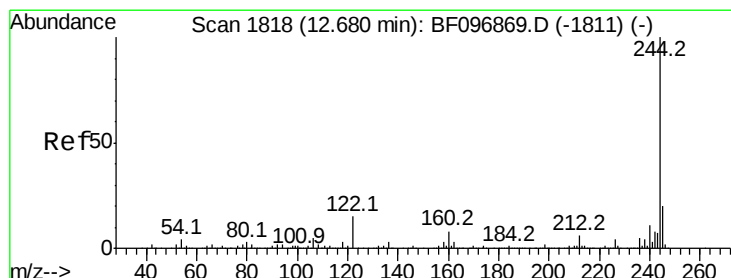
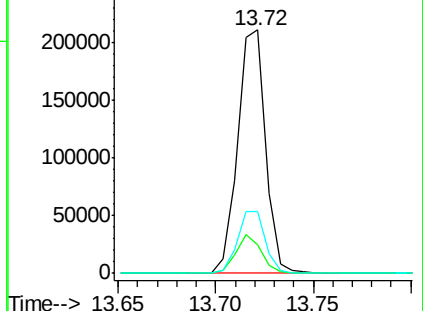
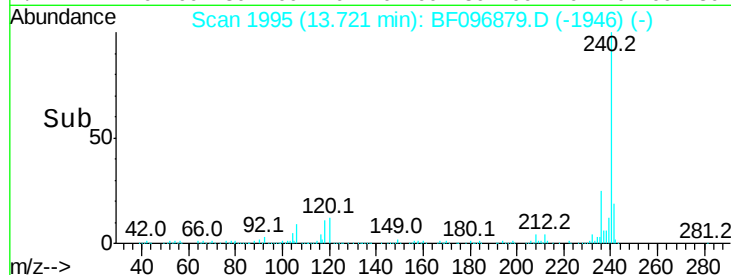
236 25.5 20.5 30.7



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: 50.987 ng

RT: 12.68 min Scan# 1818

Delta R.T. -0.01 min

Lab File: BF096879.D

Acq: 19 Jul 2017 19:32

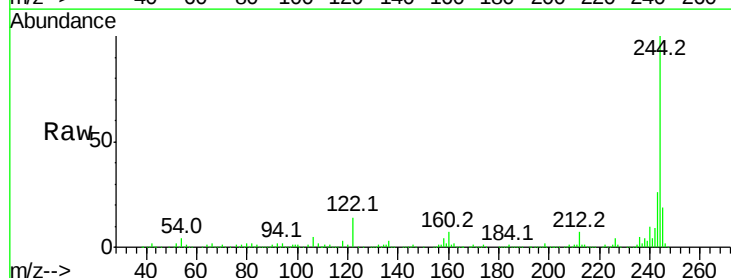
Tgt Ion:244 Resp: 614394

Ion Ratio Lower Upper

244 100

212 6.7 6.0 9.0

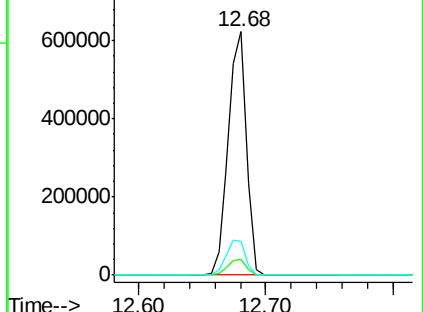
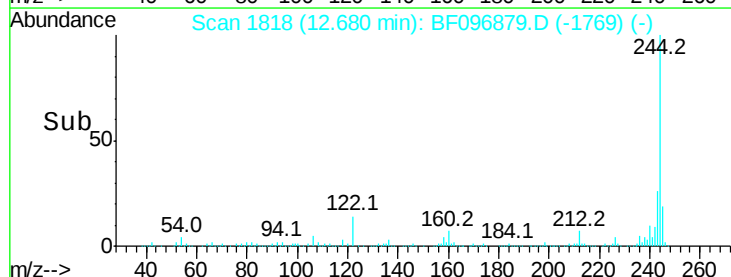
122 13.9 10.3 15.5

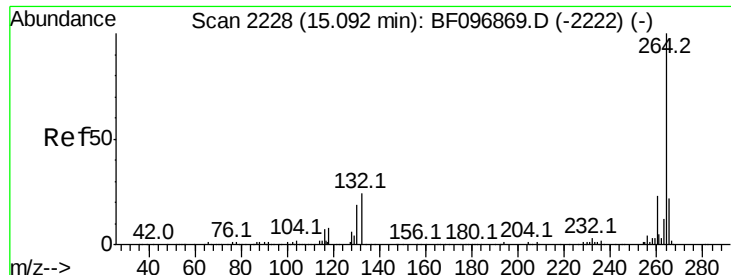


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

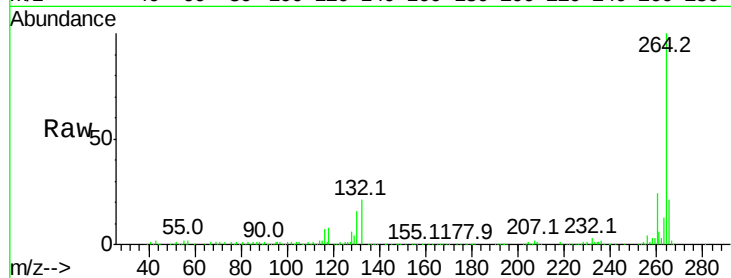




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.09 min Scan# 2228
 Delta R.T. -0.01 min
 Lab File: BF096879.D
 Acq: 19 Jul 2017 19:32

Instrument :
 BNA_F
 ClientSampleId :
 HOBOKEN-CONCRETE

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.5	29.3
265	21.4	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

