

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096601.D
 Acq On : 10 Jul 2017 15:18
 Operator : SJ/JU
 Sample : I4061-10
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SP-1-D

Quant Time: Jul 11 02:31:04 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

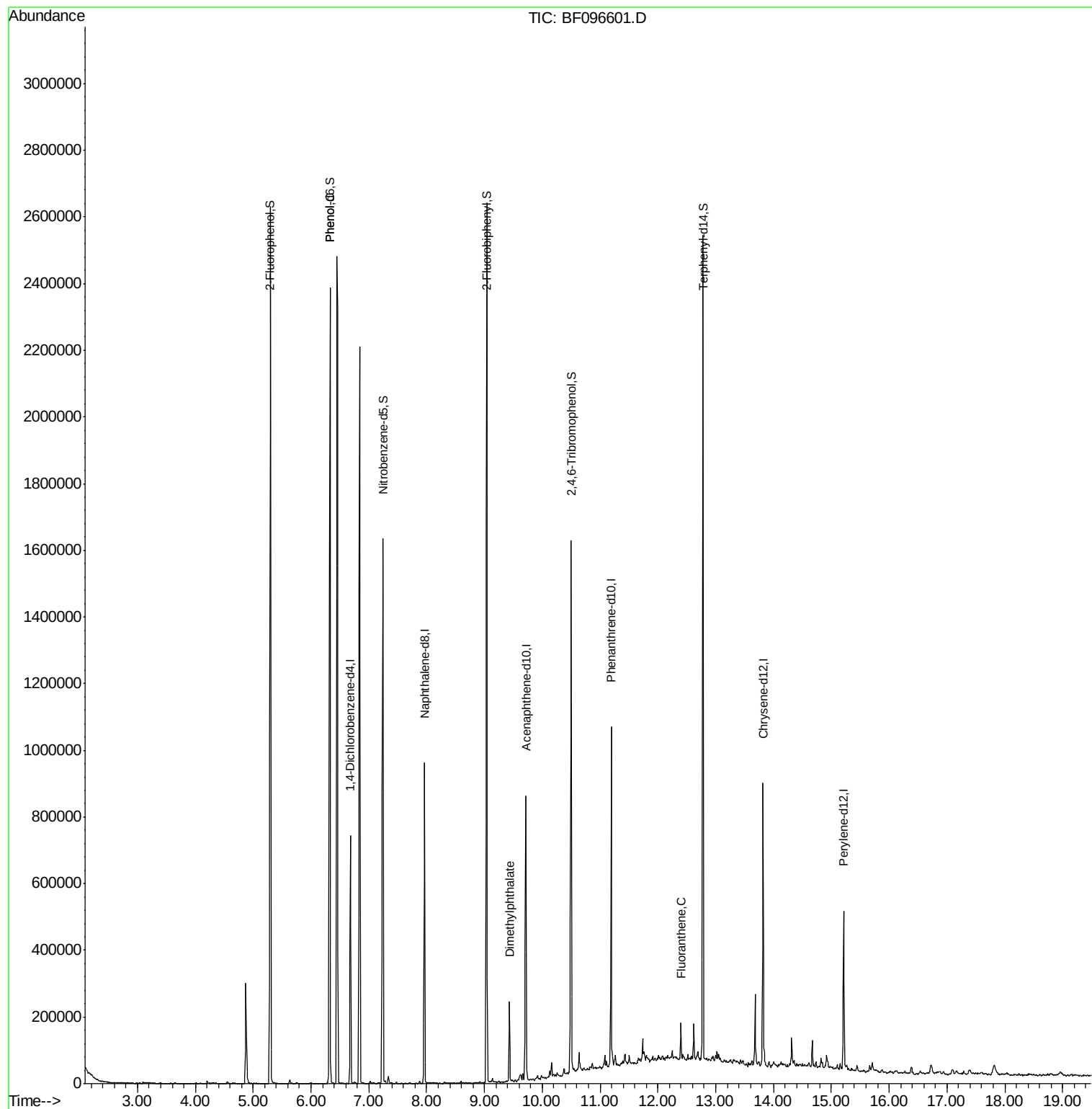
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	101361	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	425851	20.00	ng	-0.02
38) Acenaphthene-d10	9.71	164	191279	20.00	ng	-0.02
63) Phenanthrene-d10	11.19	188	345951	20.00	ng	-0.02
75) Chrysene-d12	13.82	240	287773	20.00	ng	-0.02
86) Perylene-d12	15.22	264	197279	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	750361	109.26	ng	-0.01
7) Phenol-d6	6.33	99	917821	108.71	ng	-0.02
23) Nitrobenzene-d5	7.25	82	537003	75.78	ng	-0.02
41) 2,4,6-Tribromophenol	10.50	330	203891	136.46	ng	-0.02
44) 2-Fluorobiphenyl	9.04	172	973958	87.06	ng	-0.02
78) Terphenyl-d14	12.78	244	841608	62.49	ng	-0.02
Target Compounds						Qvalue
10) Phenol	6.33	94	28398	2.95	ng	97
49) Dimethylphthalate	9.43	163	88523	6.20	ng	97
74) Fluoranthene	12.40	202	37923	2.07	ng	99

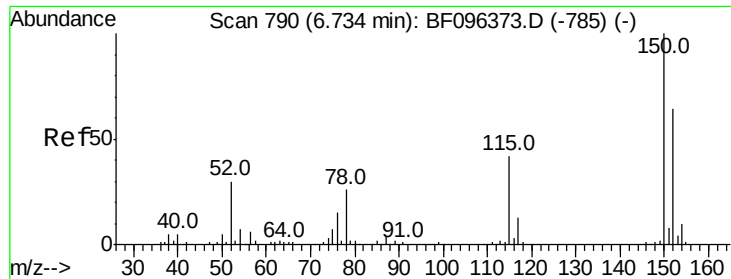
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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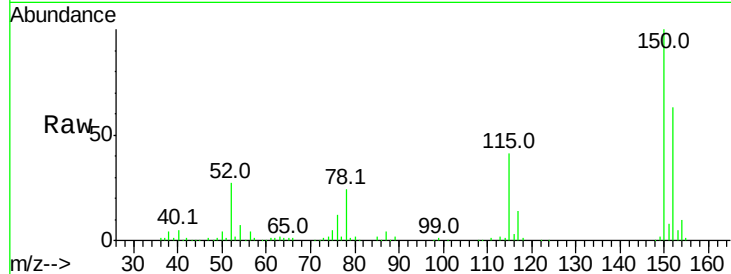


#1

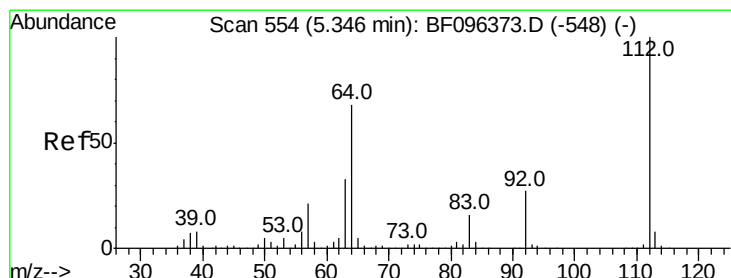
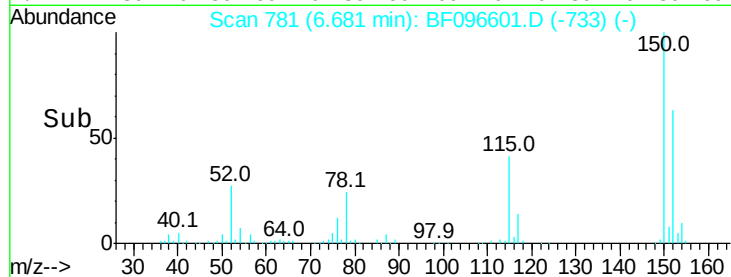
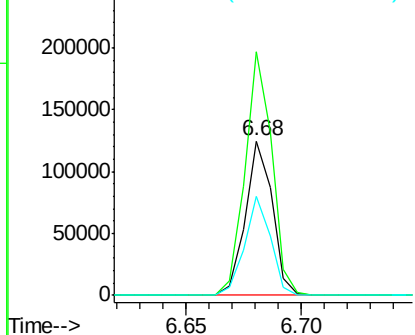
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.02 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Instrument :
BNA_F
ClientSampleId :
SP-1-D

Tot Ion:152 Resp: 101361
Ion Ratio Lower Upper
152 100
150 158.0 126.2 189.2
115 64.5 52.2 78.2



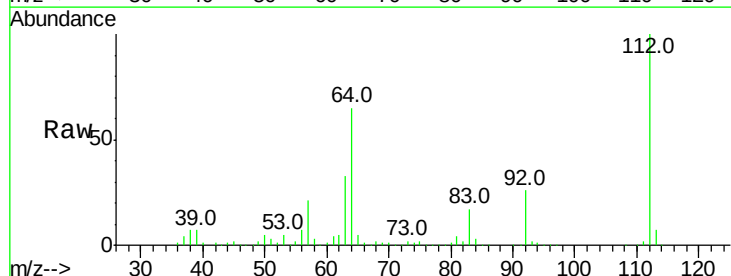
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



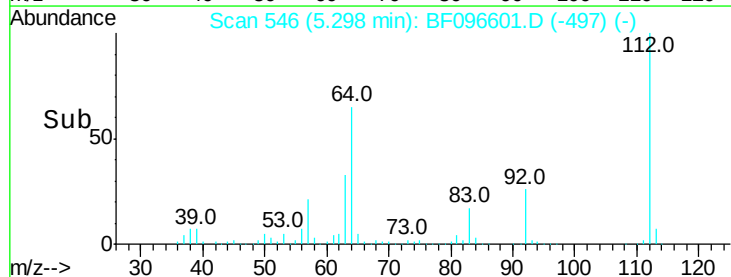
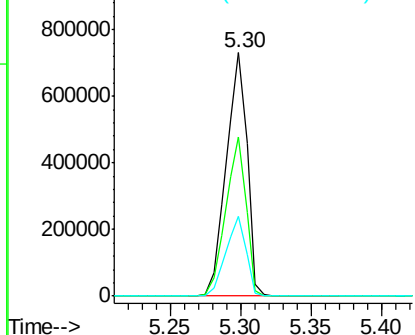
#5

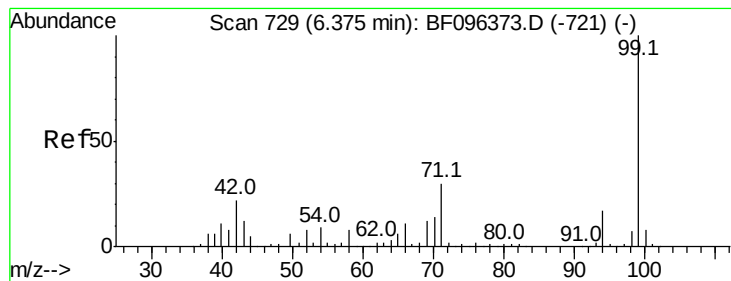
2-Fluorophenol
Concen: 109.26 ng
RT: 5.30 min Scan# 546
Delta R.T. -0.01 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Tgt Ion:112 Resp: 750361
Ion Ratio Lower Upper
112 100
64 65.3 46.0 69.0
63 32.6 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: 108.71 ng

RT: 6.33 min Scan# 721

Delta R.T. -0.02 min

Lab File: BF096601.D

Acq: 10 Jul 2017 15:18

Instrument :

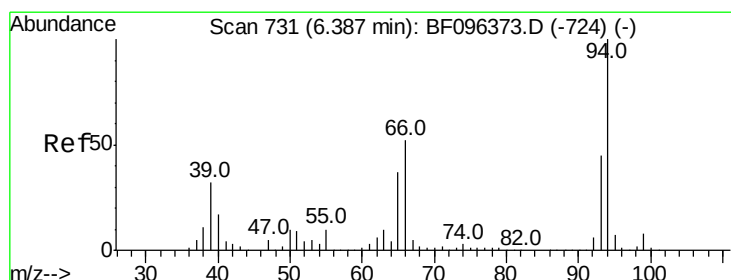
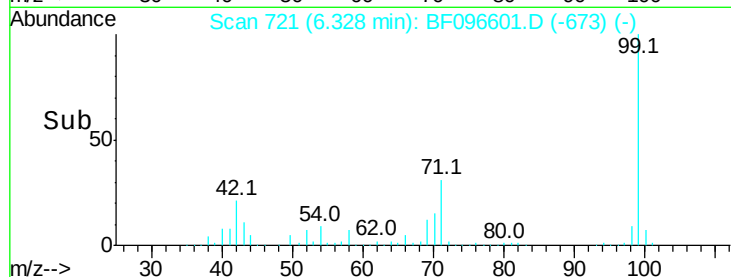
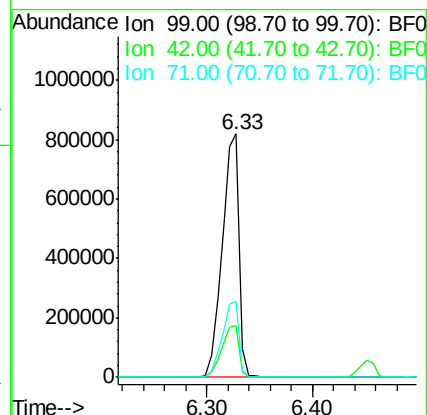
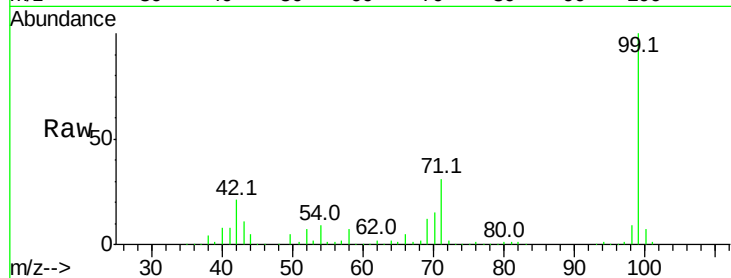
BNA_F

ClientSampleId :

SP-1-D

Tot Ion: 99 Resp: 917821

Ion	Ratio	Lower	Upper
99	100		
42	21.1	13.5	20.3#
71	31.2	24.5	36.7



#10

Phenol

Concen: 2.95 ng

RT: 6.33 min Scan# 722

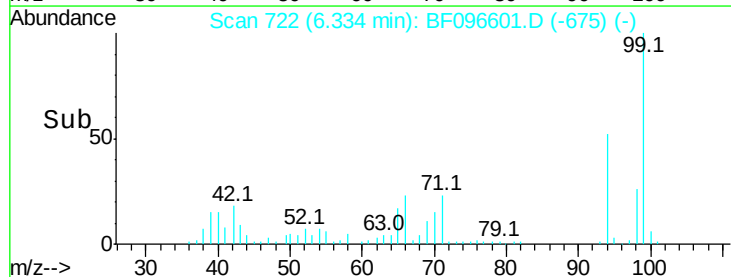
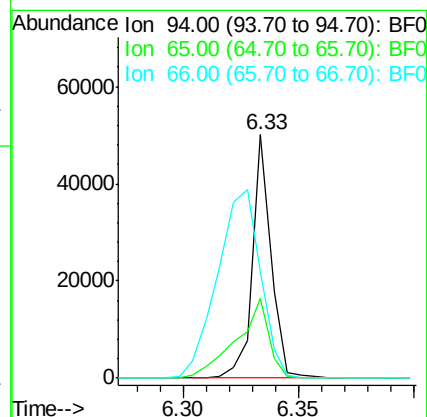
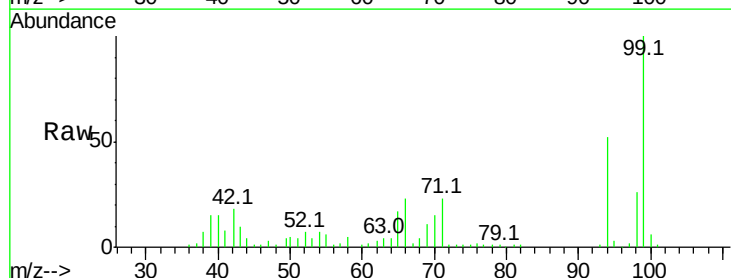
Delta R.T. -0.02 min

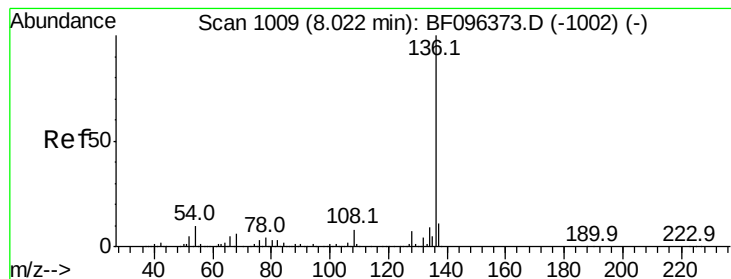
Lab File: BF096601.D

Acq: 10 Jul 2017 15:18

Tgt Ion: 94 Resp: 28398

Ion	Ratio	Lower	Upper
94	100		
65	32.6	9.9	49.9
66	43.7	23.1	63.1





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.02 min

Lab File: BF096601.D

Acq: 10 Jul 2017 15:18

Instrument :

BNA_F

ClientSampleId :

SP-1-D

Tot Ion:136 Resp: 425851

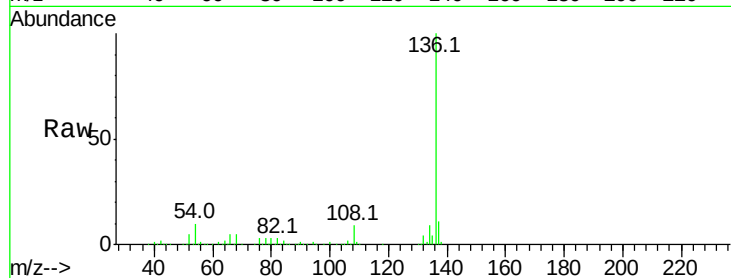
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.7 4.9 7.3#

68 4.6 4.1 6.1

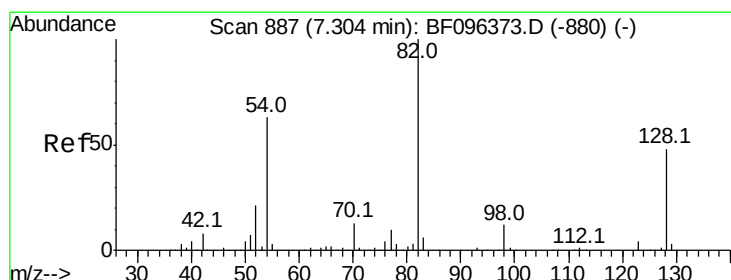
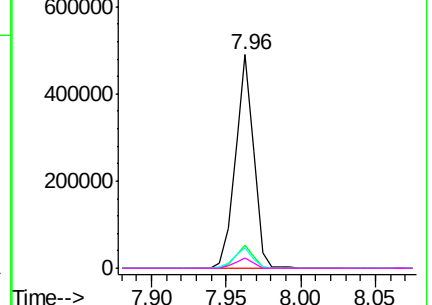
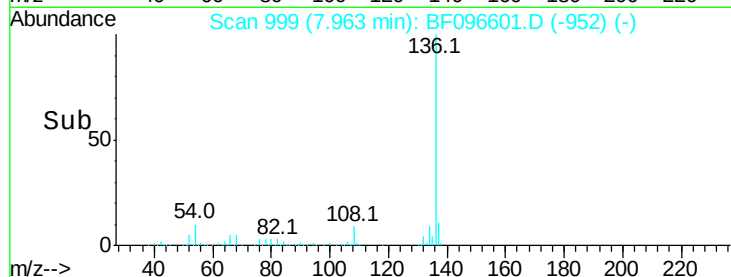


Abundance Ion 136.00 (135.70 to 136.70): E

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: 75.78 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.02 min

Lab File: BF096601.D

Acq: 10 Jul 2017 15:18

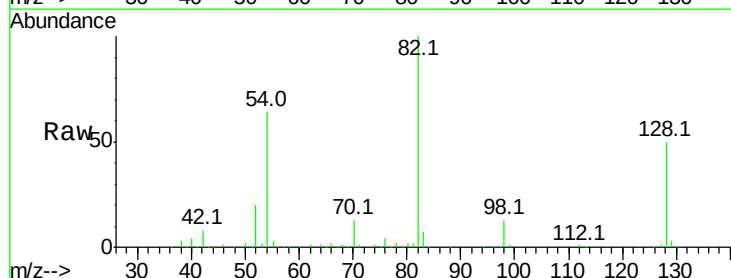
Tgt Ion: 82 Resp: 537003

Ion Ratio Lower Upper

82 100

128 49.9 34.0 51.0

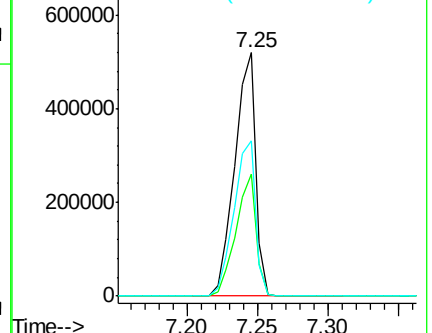
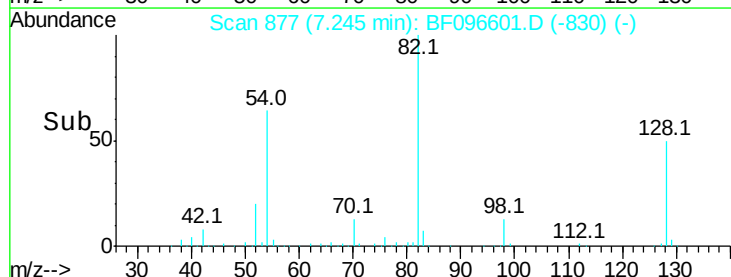
54 63.9 42.2 63.2#

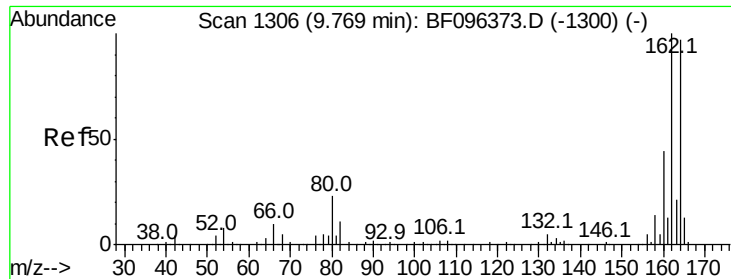


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

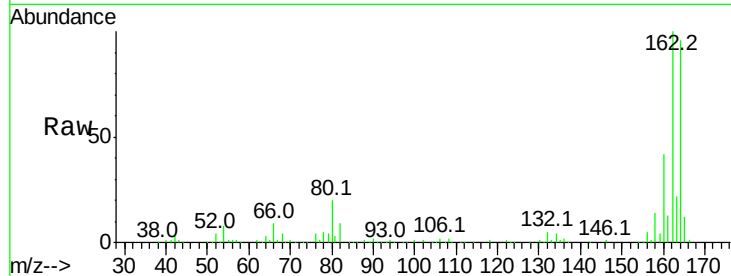




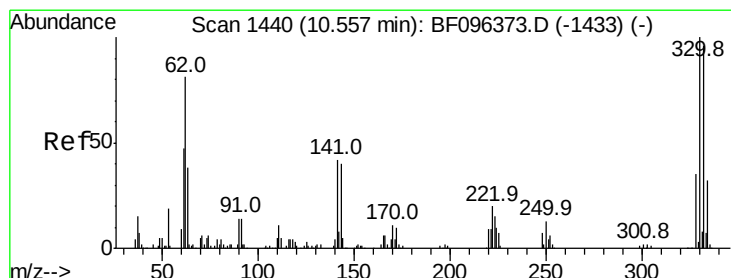
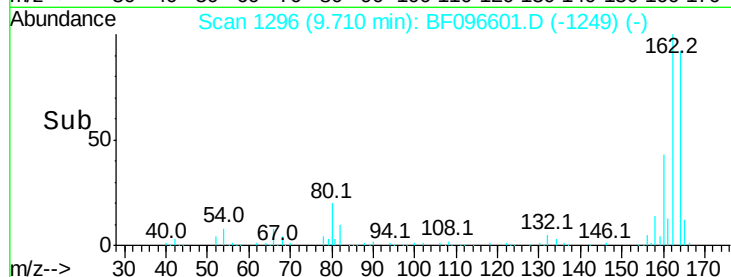
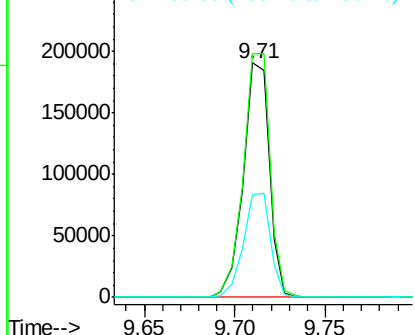
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Instrument :
BNA_F
ClientSampleId :
SP-1-D

Tot Ion:164 Resp: 191279
Ion Ratio Lower Upper
164 100
162 104.0 82.6 123.8
160 43.9 36.2 54.2

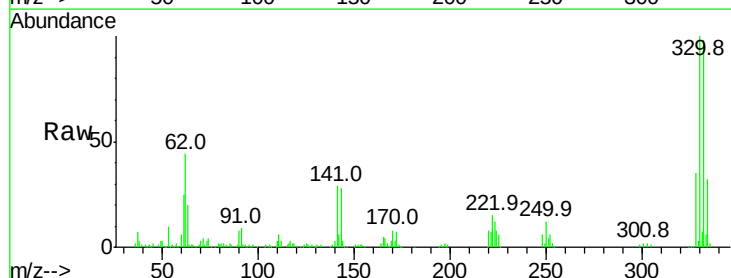


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

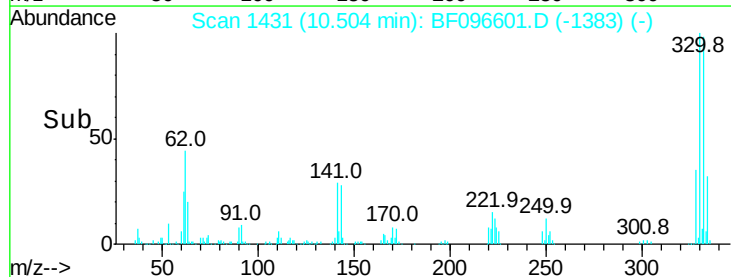
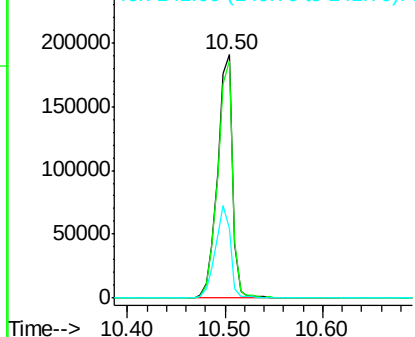


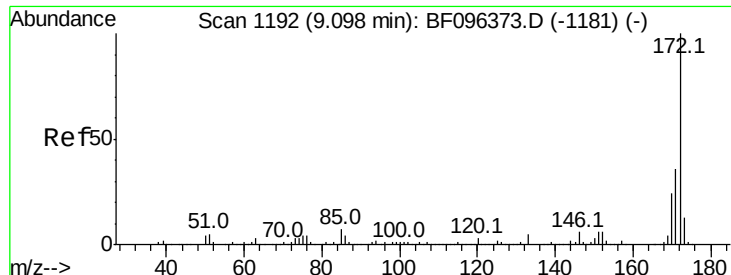
#41
2,4,6-Tribromophenol
Concen: 136.46 ng
RT: 10.50 min Scan# 1431
Delta R.T. -0.02 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Tgt Ion:330 Resp: 203891
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 37.9 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

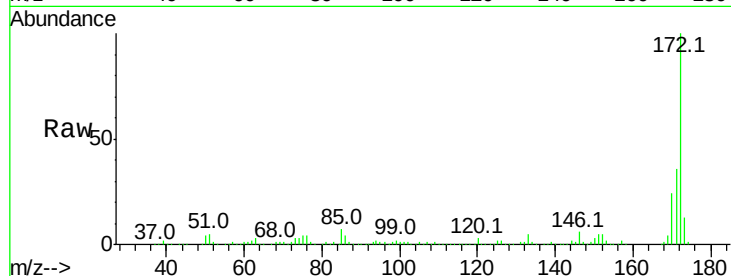




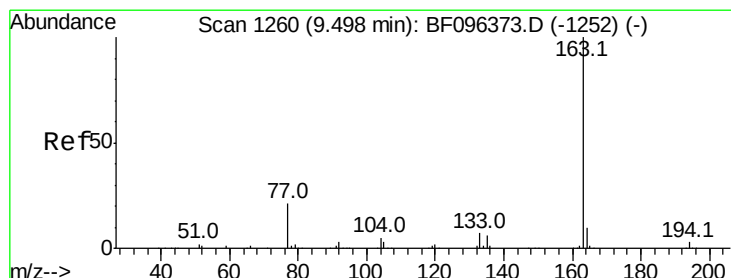
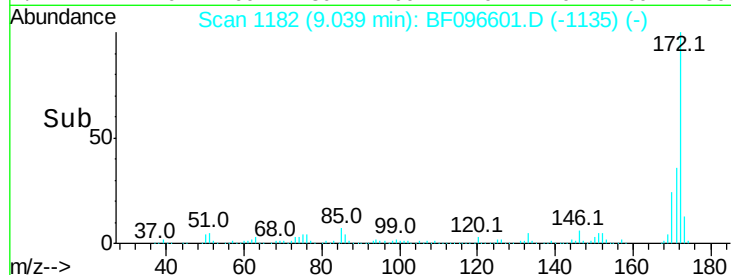
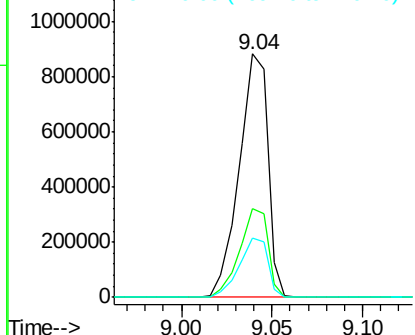
#44
2-Fluorobiphenyl
Concen: 87.06 ng
RT: 9.04 min Scan# 1182
Delta R.T. -0.02 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Instrument :
BNA_F
ClientSampleId :
SP-1-D

Tot Ion:172 Resp: 973958
Ion Ratio Lower Upper
172 100
171 36.3 29.6 44.4
170 24.4 19.8 29.8

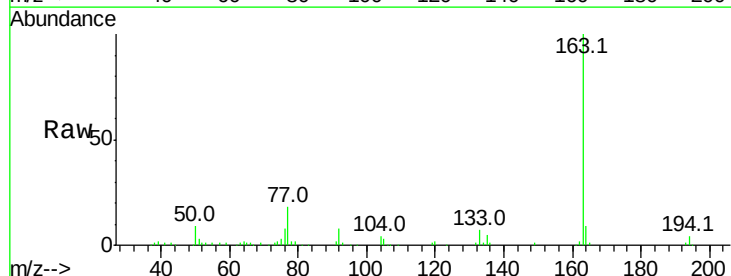


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

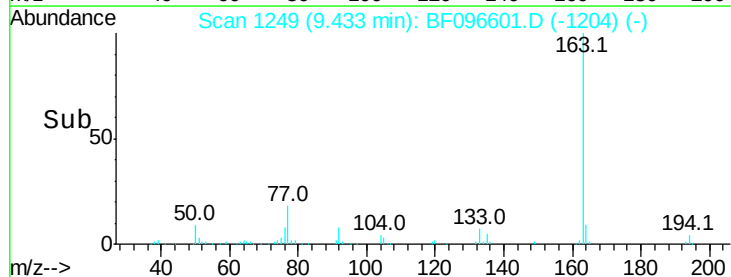
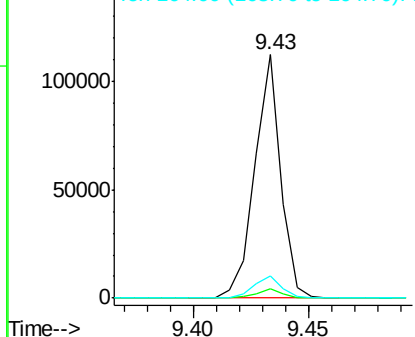


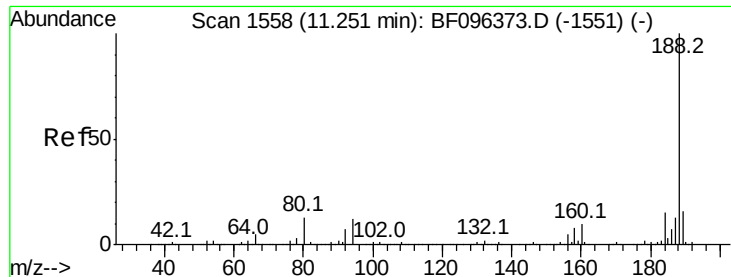
#49
Dimethylphthalate
Concen: 6.20 ng
RT: 9.43 min Scan# 1249
Delta R.T. -0.04 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Tgt Ion:163 Resp: 88523
Ion Ratio Lower Upper
163 100
194 3.8 2.6 4.0
164 9.4 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: 20.00 ng

RT: 11.19 min Scan# 1548

Delta R.T. -0.02 min

Lab File: BF096601.D

Acq: 10 Jul 2017 15:18

Instrument :

BNA_F

ClientSampleId :

SP-1-D

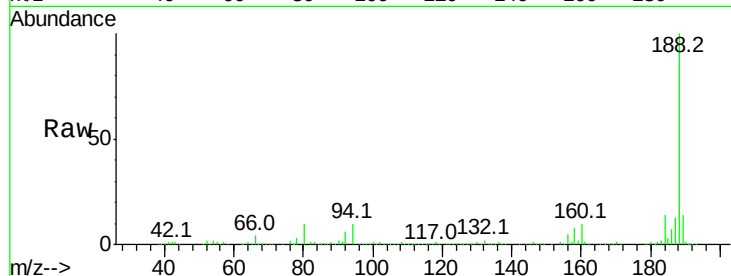
Tot Ion:188 Resp: 345951

Ion Ratio Lower Upper

188 100

94 9.8 9.4 14.2

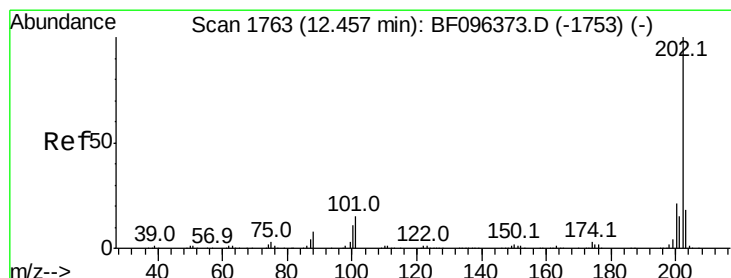
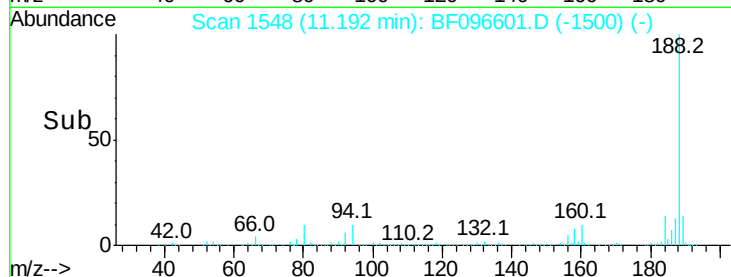
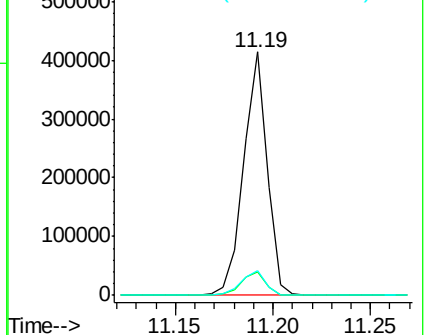
80 10.0 10.2 15.2#



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



#74

Fluoranthene

Concen: 2.07 ng

RT: 12.40 min Scan# 1753

Delta R.T. -0.02 min

Lab File: BF096601.D

Acq: 10 Jul 2017 15:18

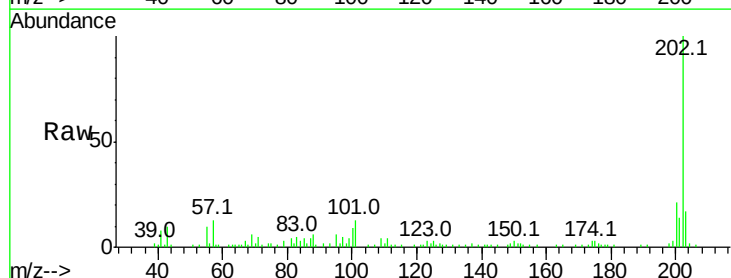
Tgt Ion:202 Resp: 37923

Ion Ratio Lower Upper

202 100

101 12.9 0.0 33.2

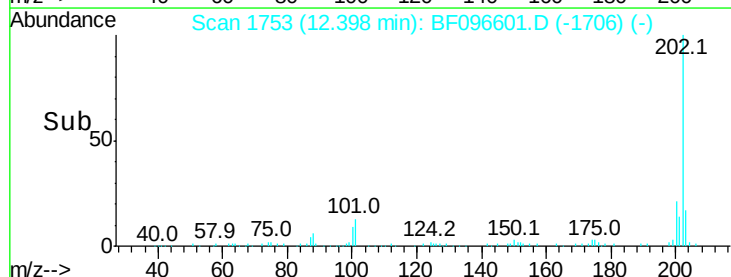
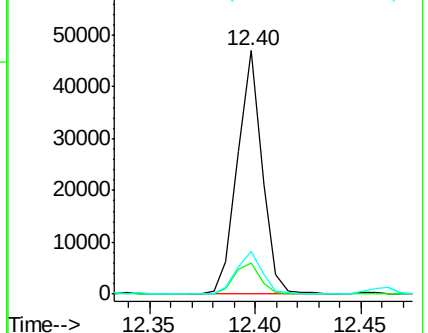
203 17.3 0.0 38.1

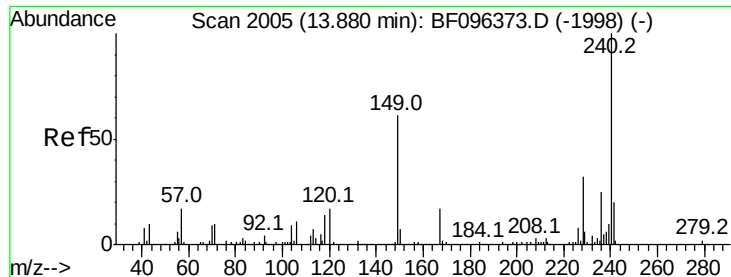


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.82 min Scan# 1995

Delta R.T. -0.02 min

Lab File: BF096601.D

Acq: 10 Jul 2017 15:18

Instrument :

BNA_F

ClientSampled :

SP-1-D

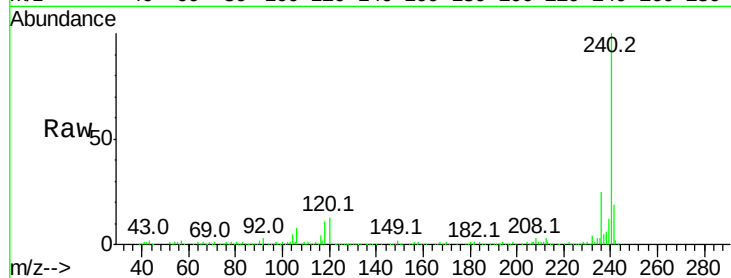
Tot Ion:240 Resp: 287773

Ion Ratio Lower Upper

240 100

120 13.1 5.8 8.8#

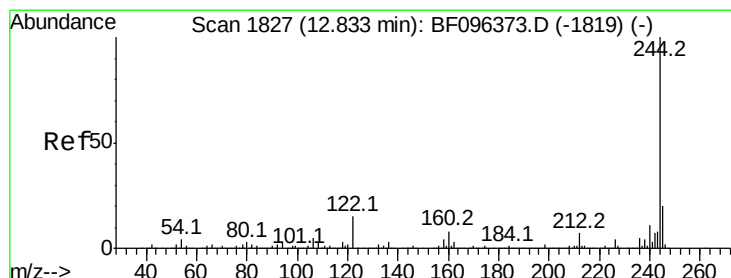
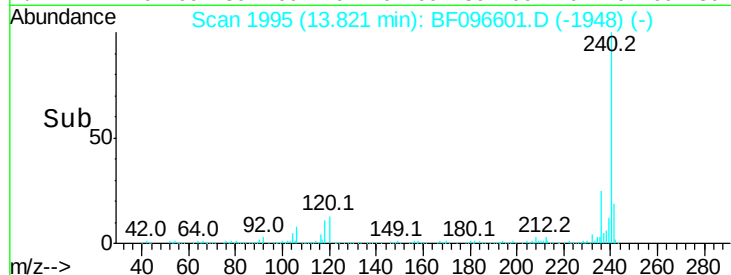
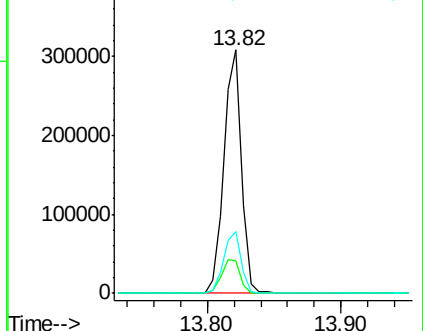
236 25.3 20.5 30.7



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: 62.49 ng

RT: 12.78 min Scan# 1818

Delta R.T. -0.02 min

Lab File: BF096601.D

Acq: 10 Jul 2017 15:18

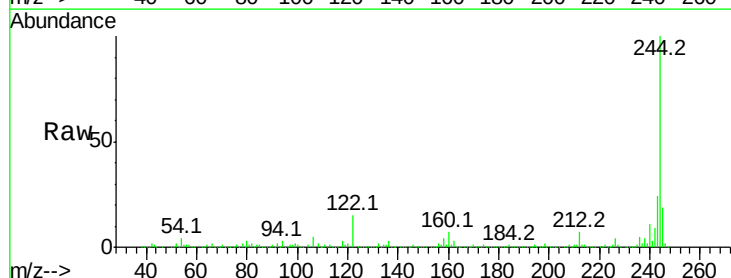
Tgt Ion:244 Resp: 841608

Ion Ratio Lower Upper

244 100

212 6.9 6.0 9.0

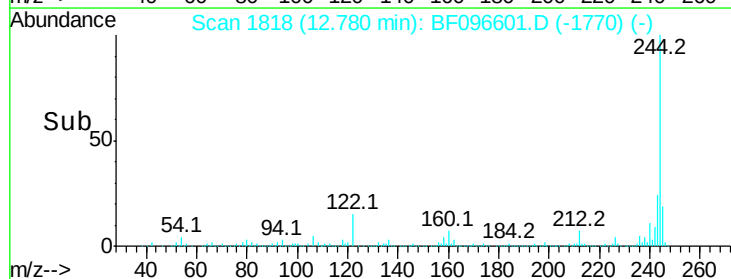
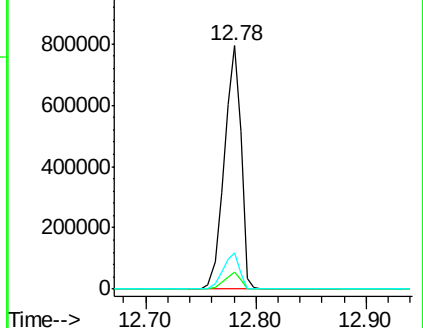
122 14.8 10.3 15.5

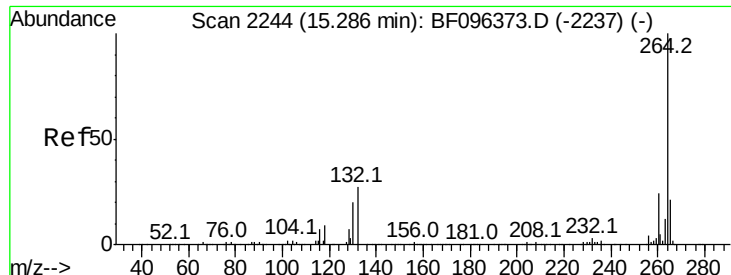


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

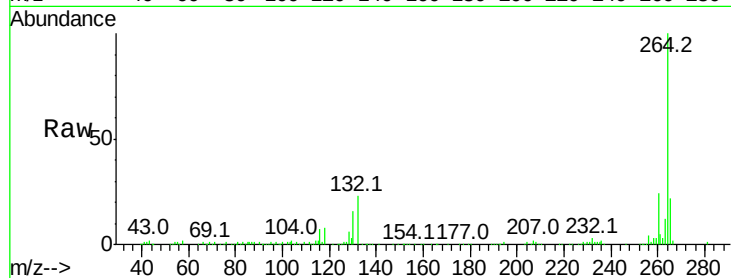




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2232
Delta R.T. -0.03 min
Lab File: BF096601.D
Acq: 10 Jul 2017 15:18

Instrument :
BNA_F
ClientSampleId :
SP-1-D

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.0	19.5	29.3
265	21.8	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

