

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072117\
 Data File : BF096952.D
 Acq On : 21 Jul 2017 19:03
 Operator : SJ/JU
 Sample : I4302-06
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-11D1011

Quant Time: Jul 22 01:39:24 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

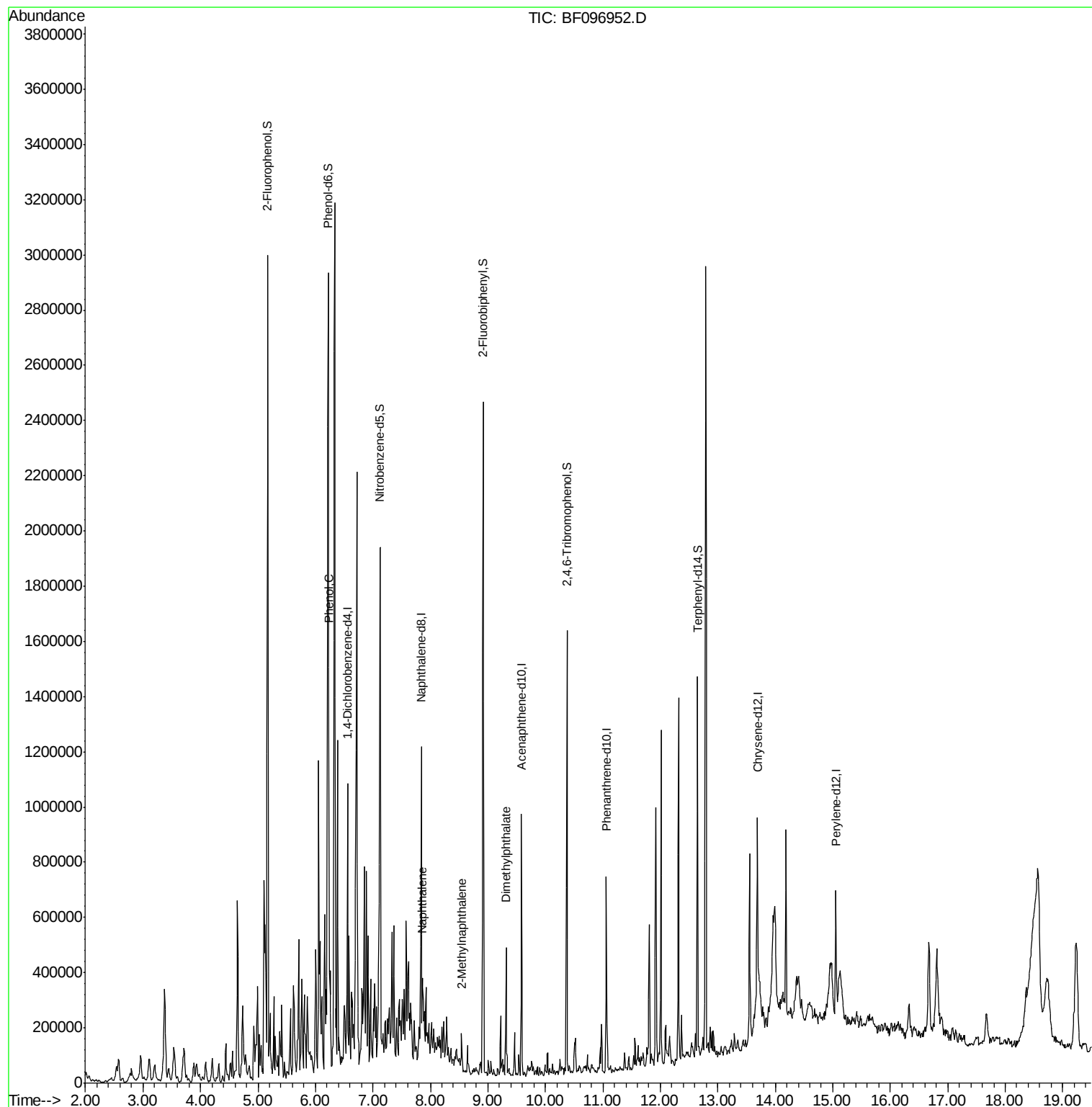
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.56	152	112680	20.00	ng	-0.04
21) Naphthalene-d8	7.84	136	421409	20.00	ng	-0.05
38) Acenaphthene-d10	9.59	164	180617	20.00	ng	-0.05
63) Phenanthrene-d10	11.06	188	255468	20.00	ng	-0.05
75) Chrysene-d12	13.69	240	197551	20.00	ng	-0.05
86) Perylene-d12	15.05	264	177309	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	932278	124.40	ng	-0.03
7) Phenol-d6	6.22	99	1103683	122.73	ng	-0.03
23) Nitrobenzene-d5	7.12	82	614036	90.25	ng	-0.05
41) 2,4,6-Tribromophenol	10.37	330	176430	114.44	ng	-0.05
44) 2-Fluorobiphenyl	8.92	172	739147	64.66	ng	-0.05
78) Terphenyl-d14	12.65	244	391679	34.38	ng	-0.05
Target Compounds						
10) Phenol	6.23	94	63177	6.214	ng	93
31) Naphthalene	7.86	128	56335	2.822	ng	98
37) 2-Methylnaphthalene	8.55	142	33201	2.609	ng	94
49) Dimethylphthalate	9.32	163	191170	14.057	ng	99

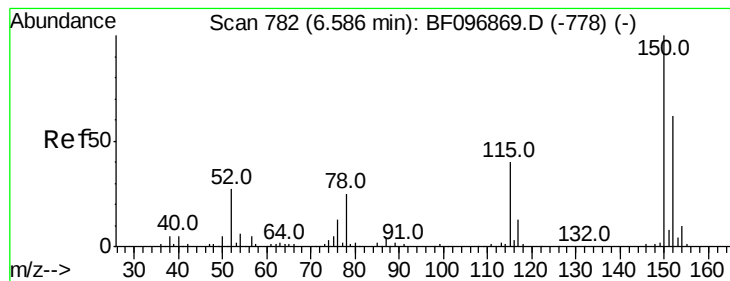
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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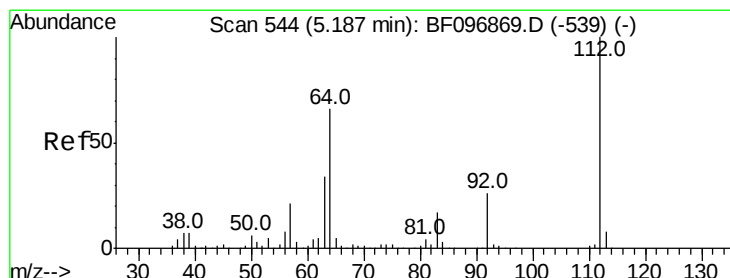
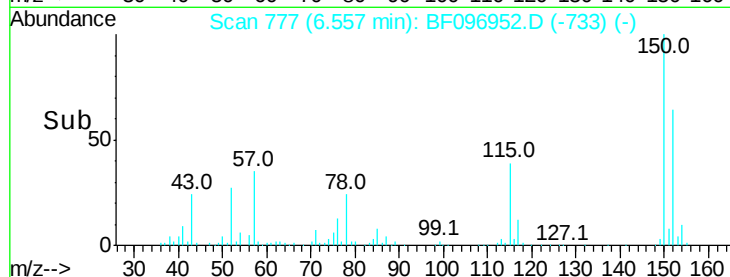
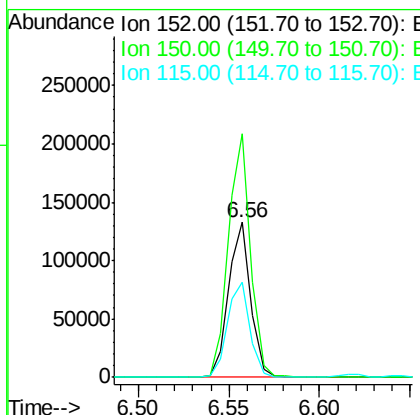
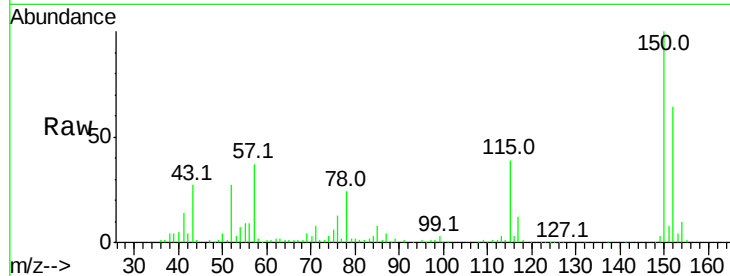


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.56 min Scan# 777
 Delta R.T. -0.04 min
 Lab File: BF096952.D
 Acq: 21 Jul 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-11D1011

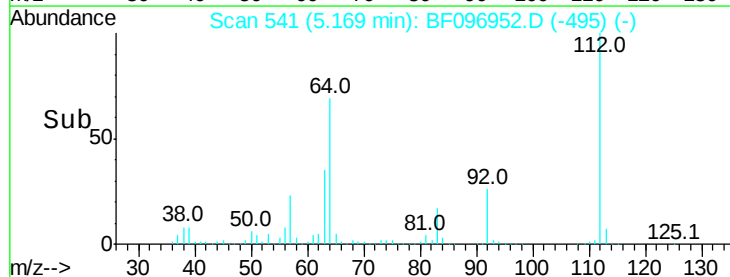
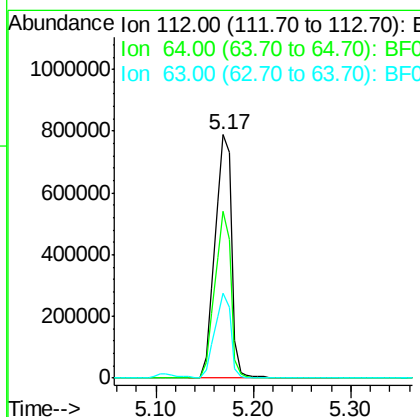
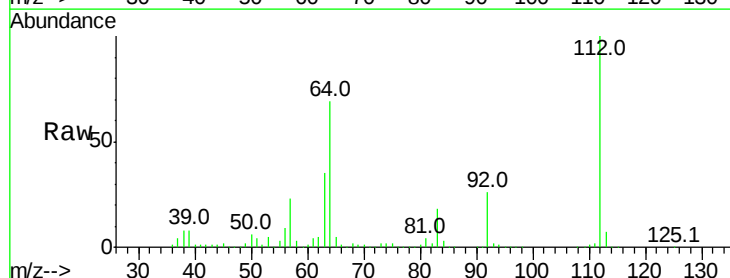
Tot Ion:152 Resp: 112680
 Ion Ratio Lower Upper
 152 100
 150 157.1 126.2 189.2
 115 61.1 52.2 78.2

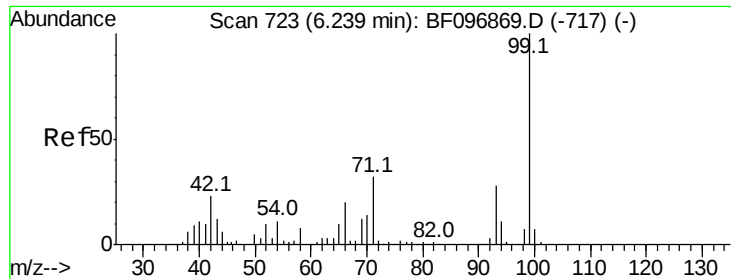


#5

2-Fluorophenol
 Concen: 124.402 ng
 RT: 5.17 min Scan# 541
 Delta R.T. -0.03 min
 Lab File: BF096952.D
 Acq: 21 Jul 2017 19:03

Tgt Ion:112 Resp: 932278
 Ion Ratio Lower Upper
 112 100
 64 68.5 46.0 69.0
 63 34.9 23.4 35.0





#7

Phenol-d6

Concen: 122.725 ng

RT: 6.22 min Scan# 720

Delta R.T. -0.03 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

Instrument :

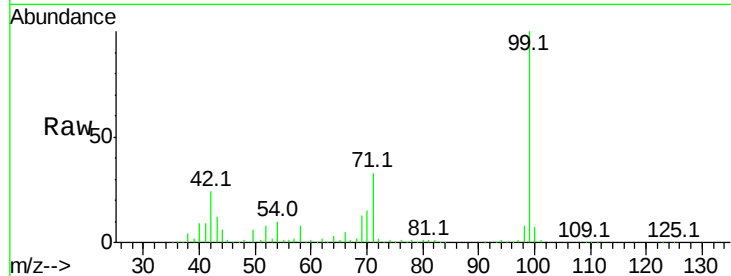
BNA_F

ClientSampleId :

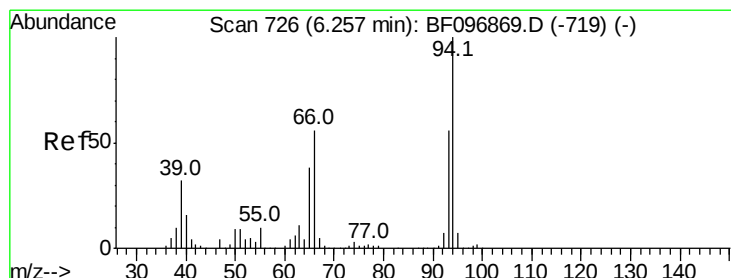
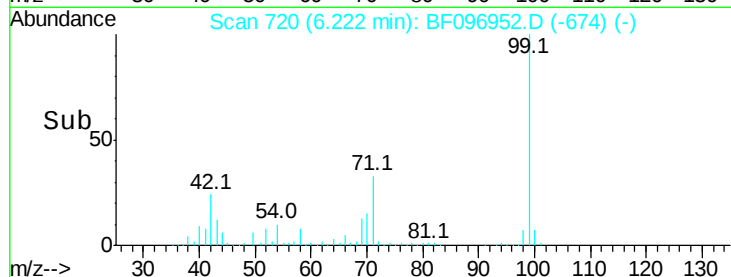
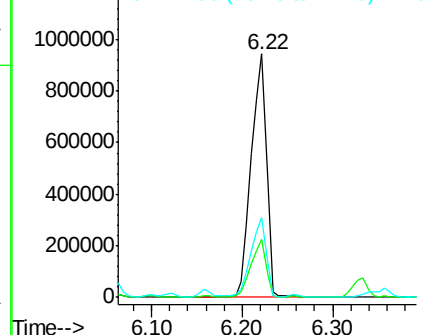
SB-11D1011

Tot Ion: 99 Resp: 1103683

Ion	Ratio	Lower	Upper
99	100		
42	23.8	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



#10

Phenol

Concen: 6.214 ng

RT: 6.23 min Scan# 722

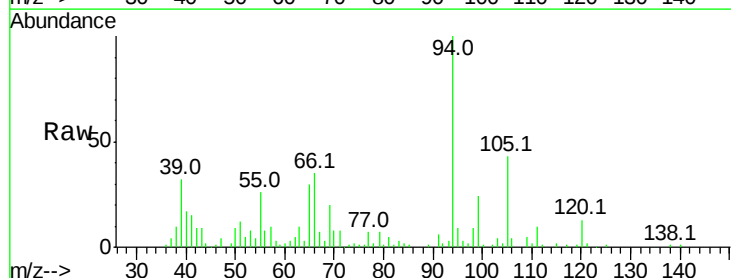
Delta R.T. -0.04 min

Lab File: BF096952.D

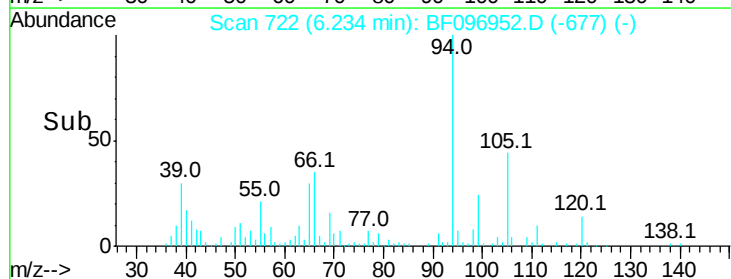
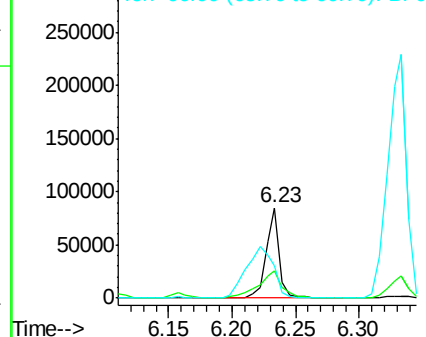
Acq: 21 Jul 2017 19:03

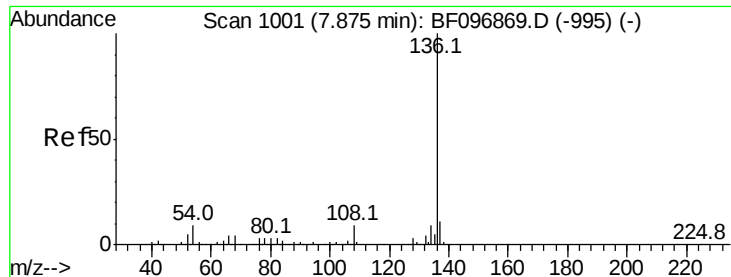
Tgt Ion: 94 Resp: 63177

Ion	Ratio	Lower	Upper
94	100		
65	30.0	9.9	49.9
66	35.1	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: 7.84 min Scan# 995

Delta R.T. -0.05 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

Instrument :

BNA_F

ClientSampleId :

SB-11D1011

Tot Ion:136 Resp: 421409

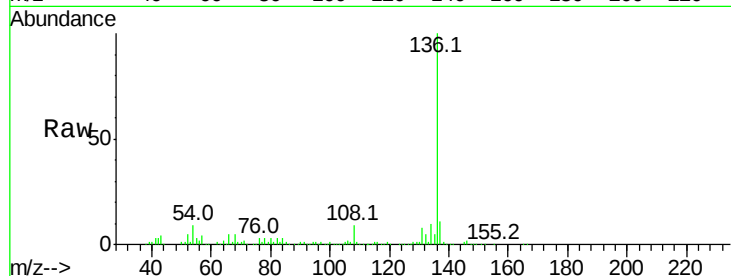
Ion Ratio Lower Upper

136 100

137 10.7 8.5 12.7

54 9.1 4.9 7.3#

68 5.0 4.1 6.1

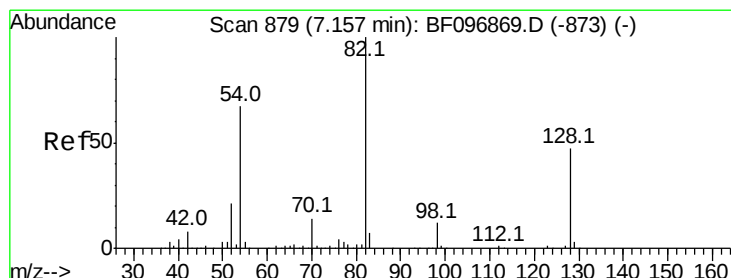
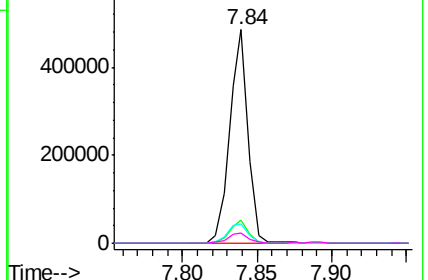
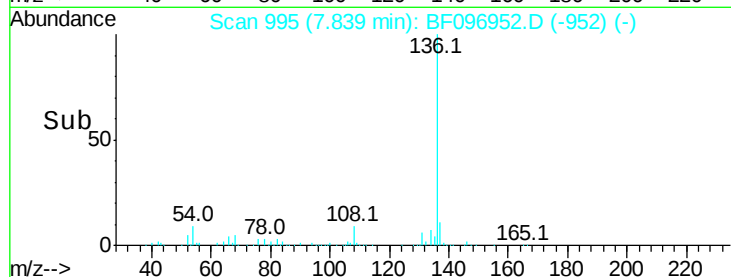


Abundance Ion 136.00 (135.70 to 136.70): E

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: 90.254 ng

RT: 7.12 min Scan# 873

Delta R.T. -0.05 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

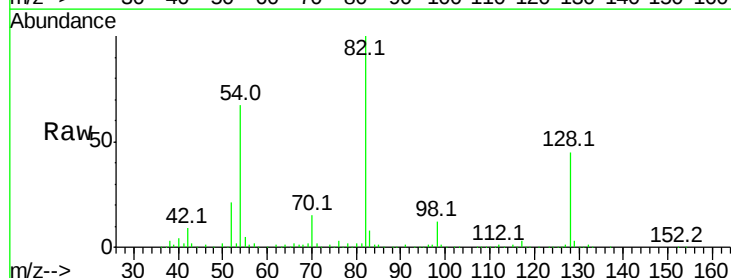
Tgt Ion: 82 Resp: 614036

Ion Ratio Lower Upper

82 100

128 44.9 34.0 51.0

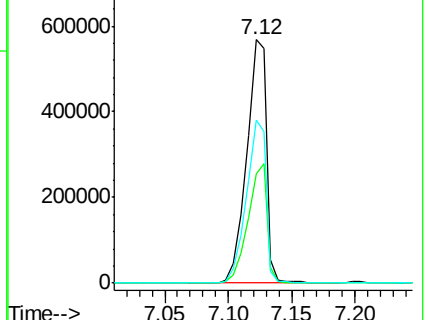
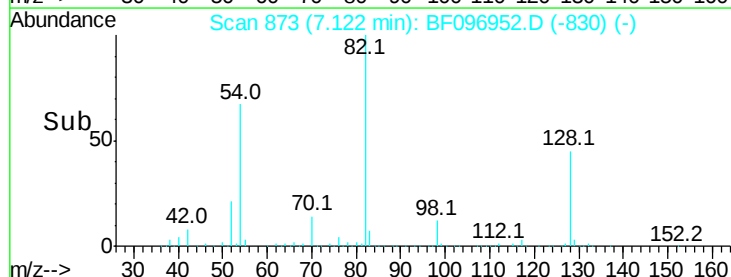
54 67.0 42.2 63.2#

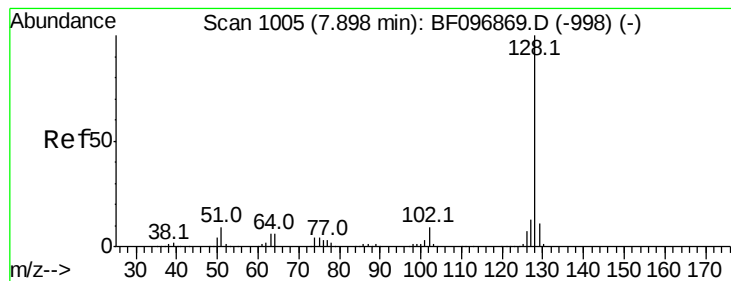


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#31

Naphthalene

Concen: 2.822 ng

RT: 7.86 min Scan# 998

Delta R.T. -0.05 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

Instrument :

BNA_F

ClientSampleId :

SB-11D1011

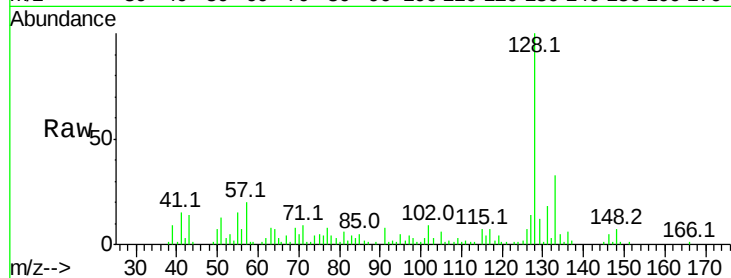
Tot Ion:128 Resp: 56335

Ion Ratio Lower Upper

128 100

129 12.3 9.0 13.6

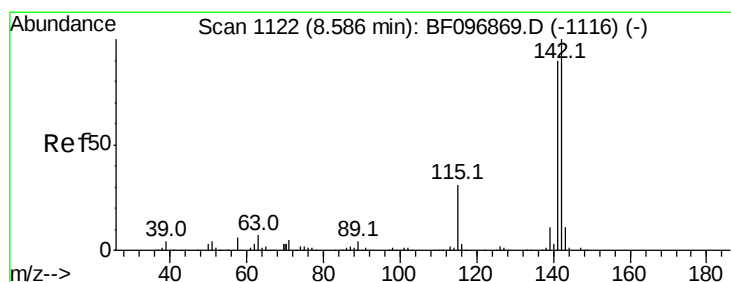
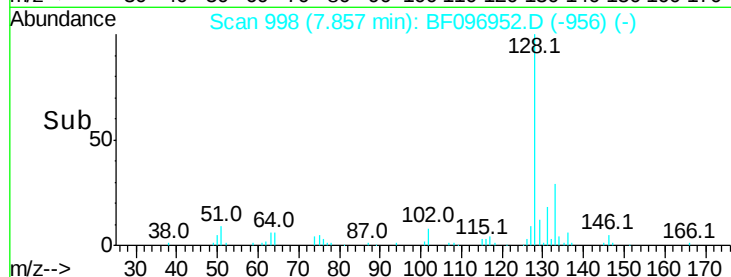
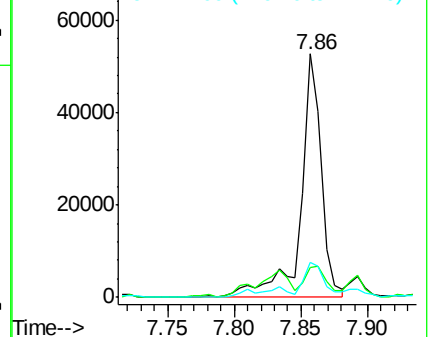
127 14.2 10.8 16.2



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E



#37

2-Methylnaphthalene

Concen: 2.609 ng

RT: 8.55 min Scan# 1116

Delta R.T. -0.05 min

Lab File: BF096952.D

Acq: 21 Jul 2017 19:03

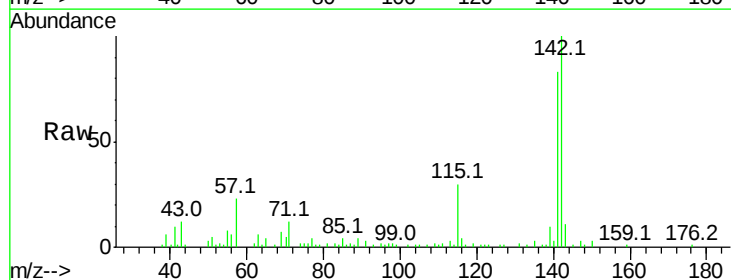
Tgt Ion:142 Resp: 33201

Ion Ratio Lower Upper

142 100

141 83.1 71.3 106.9

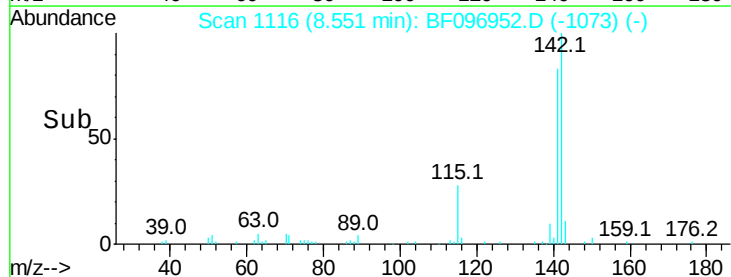
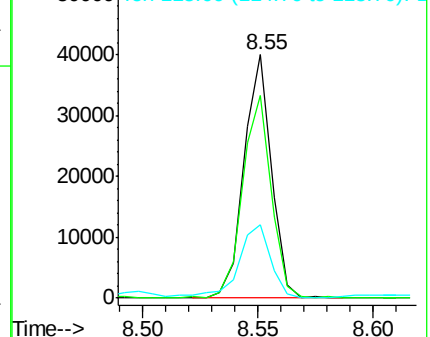
115 30.2 27.1 40.7

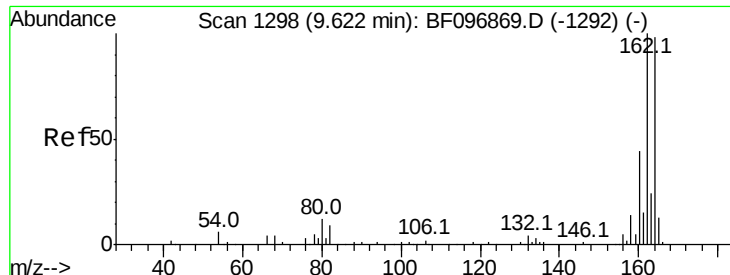


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

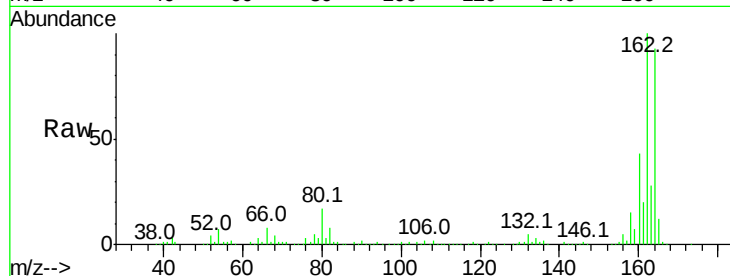




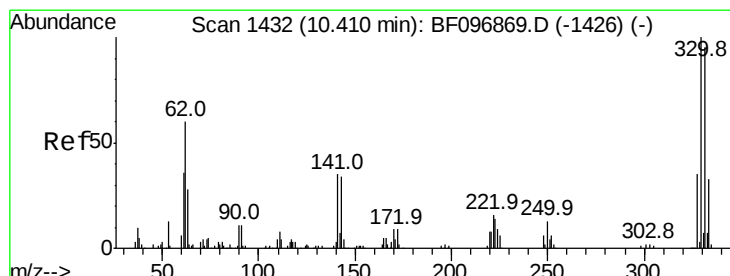
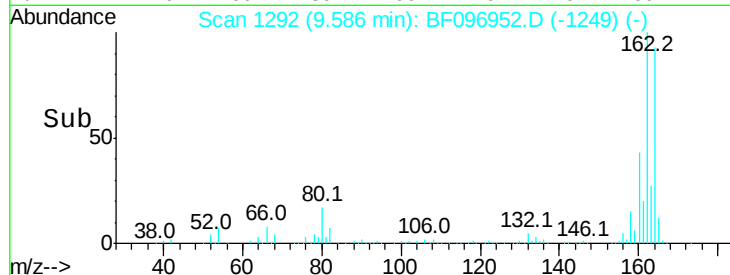
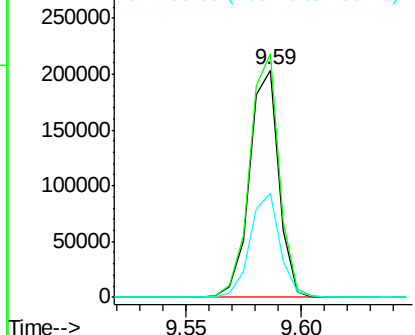
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.59 min Scan# 1292
 Delta R.T. -0.05 min
 Lab File: BF096952.D
 Acq: 21 Jul 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-11D1011

Tot Ion	Ratio	Lower	Upper
164	100		
162	107.2	82.6	123.8
160	45.9	36.2	54.2

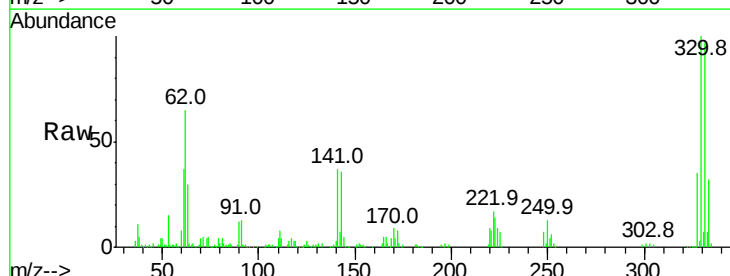


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

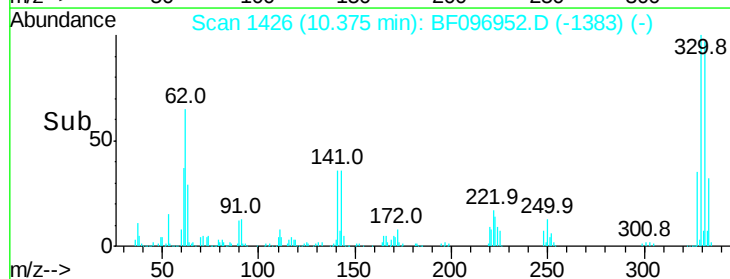
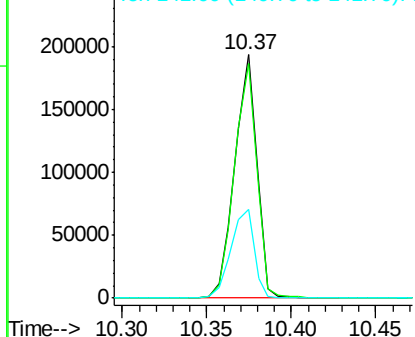


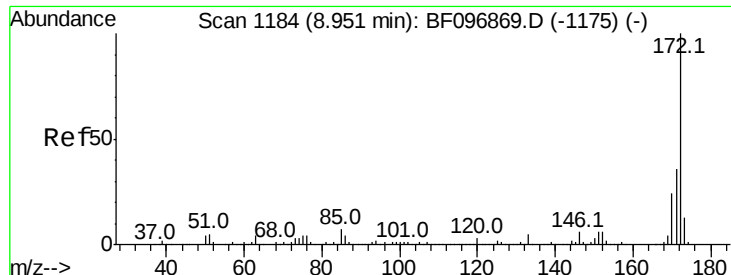
#41
 2,4,6-Tribromophenol
 Concen: 114.437 ng
 RT: 10.37 min Scan# 1426
 Delta R.T. -0.05 min
 Lab File: BF096952.D
 Acq: 21 Jul 2017 19:03

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	76.6	115.0
141	38.1	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

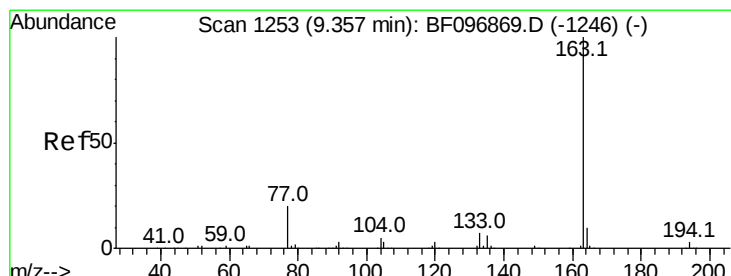
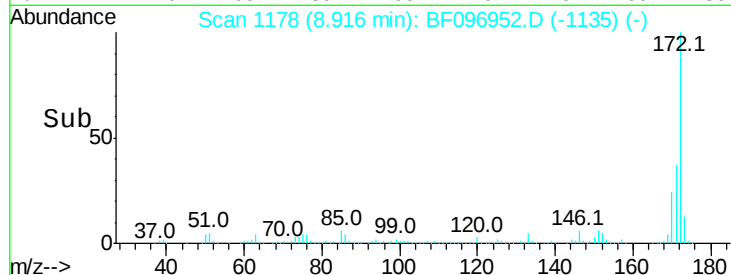
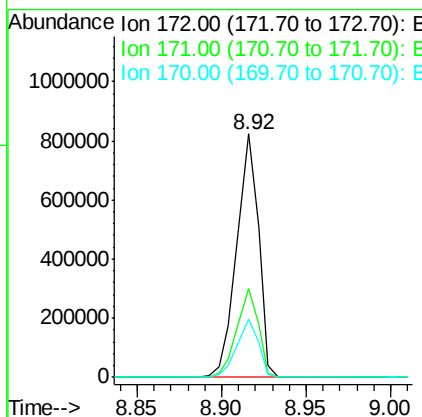
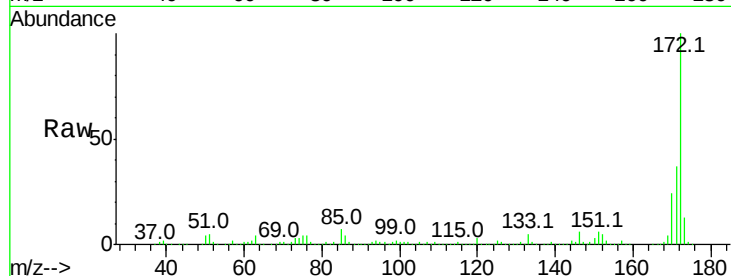




#44
 2-Fluorobiphenyl
 Concen: 64.656 ng
 RT: 8.92 min Scan# 1178
 Delta R.T. -0.05 min
 Lab File: BF096952.D
 Acq: 21 Jul 2017 19:03

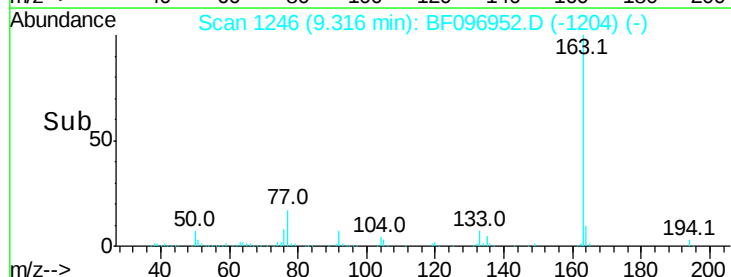
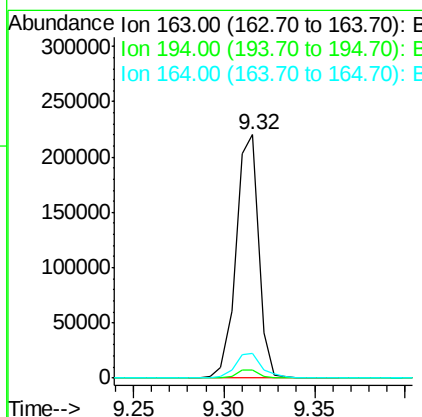
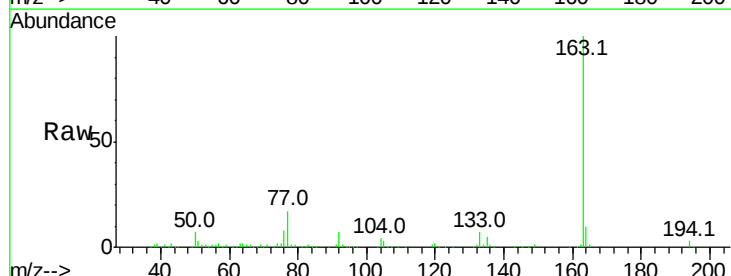
Instrument :
 BNA_F
 ClientSampled :
 SB-11D1011

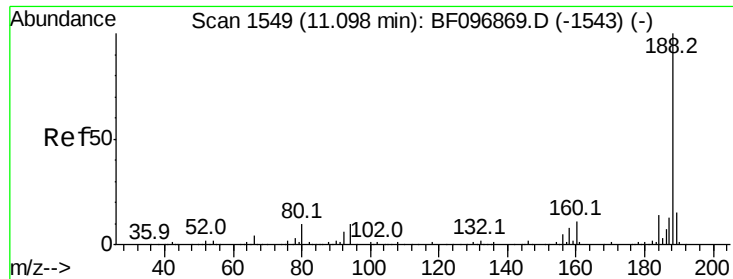
Tot Ion:172 Resp: 739147
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.6 44.4
 170 24.0 19.8 29.8



#49
 Dimethylphthalate
 Concen: 14.057 ng
 RT: 9.32 min Scan# 1246
 Delta R.T. -0.05 min
 Lab File: BF096952.D
 Acq: 21 Jul 2017 19:03

Tgt Ion:163 Resp: 191170
 Ion Ratio Lower Upper
 163 100
 194 3.2 2.6 4.0
 164 10.2 8.4 12.6

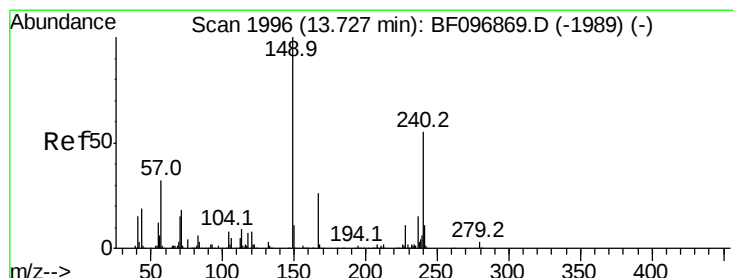
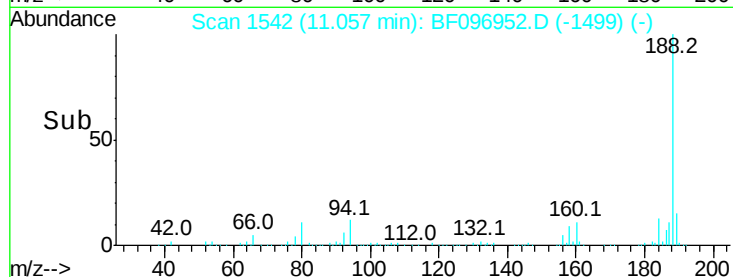
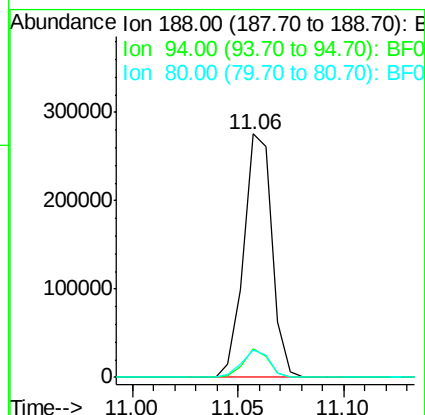
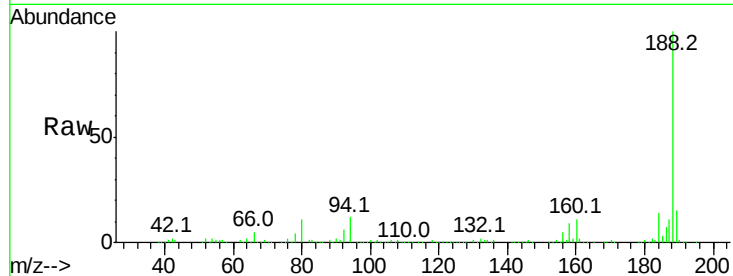




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.06 min Scan# 1542
Delta R.T. -0.05 min
Lab File: BF096952.D
Acq: 21 Jul 2017 19:03

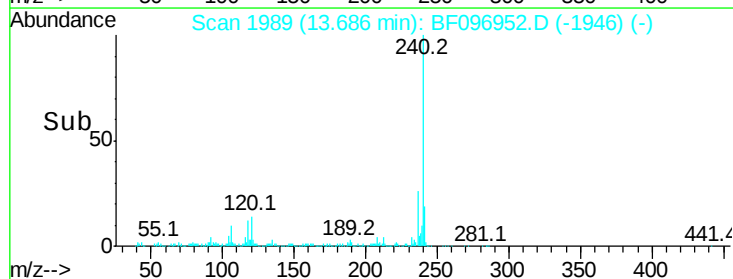
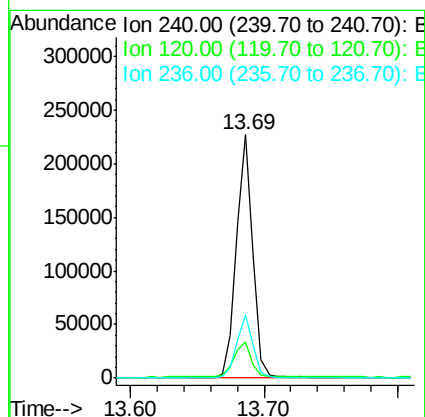
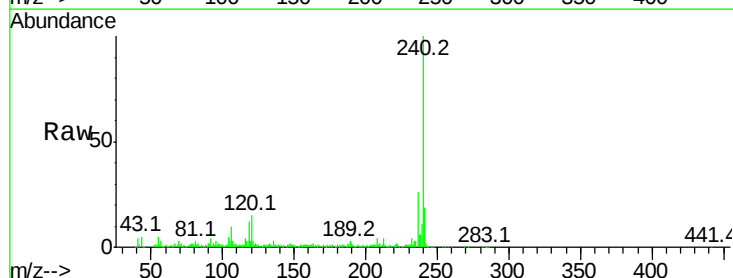
Instrument :
BNA_F
ClientSampleId :
SB-11D1011

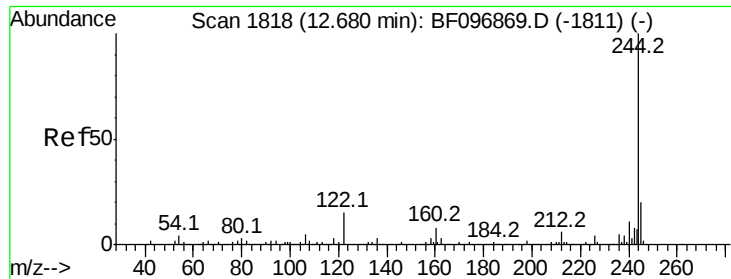
Tot Ion:188 Resp: 255468
Ion Ratio Lower Upper
188 100
94 11.9 9.4 14.2
80 11.5 10.2 15.2



#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.69 min Scan# 1989
Delta R.T. -0.05 min
Lab File: BF096952.D
Acq: 21 Jul 2017 19:03

Tgt Ion:240 Resp: 197551
Ion Ratio Lower Upper
240 100
120 14.6 5.8 8.8#
236 25.7 20.5 30.7

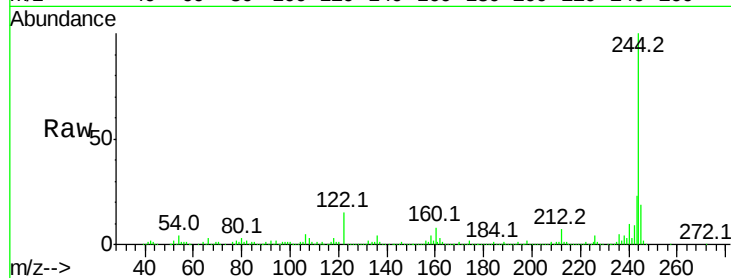




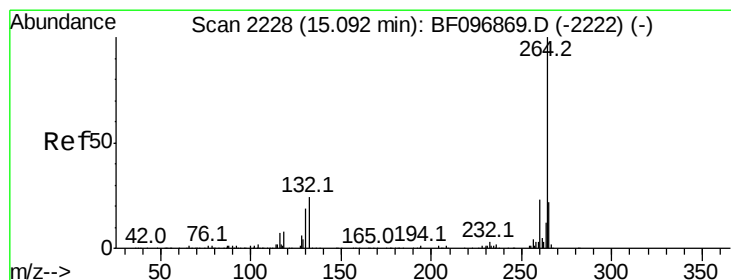
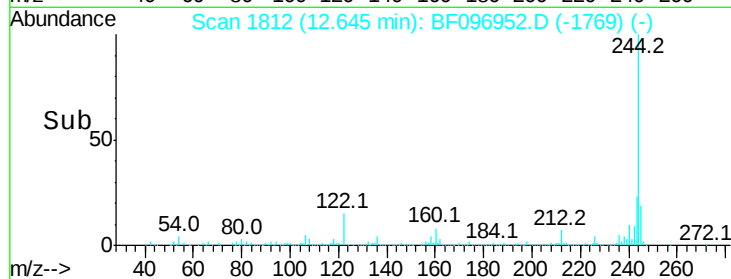
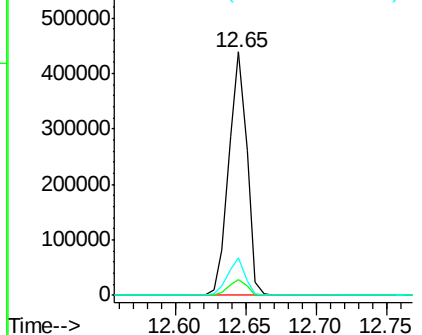
#78
 Terphenyl-d14
 Concen: 34.385 ng
 RT: 12.65 min Scan# 1812
 Delta R.T. -0.05 min
 Lab File: BF096952.D
 Acq: 21 Jul 2017 19:03

Instrument :
 BNA_F
 ClientSampleId :
 SB-11D1011

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	6.0	9.0
122	15.3	10.3	15.5

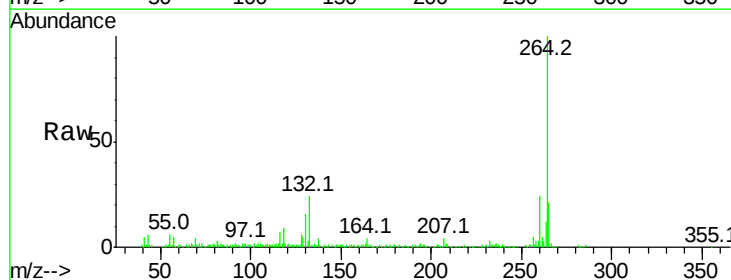


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.05 min Scan# 2221
 Delta R.T. -0.05 min
 Lab File: BF096952.D
 Acq: 21 Jul 2017 19:03

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	20.5	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

