

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093962.D
 Acq On : 28 Mar 2017 00:36
 Operator : SJ/MA
 Sample : I2409-09
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22

Quant Time: Mar 28 01:12:21 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 27 16:10:49 2017
 Response via : Initial Calibration

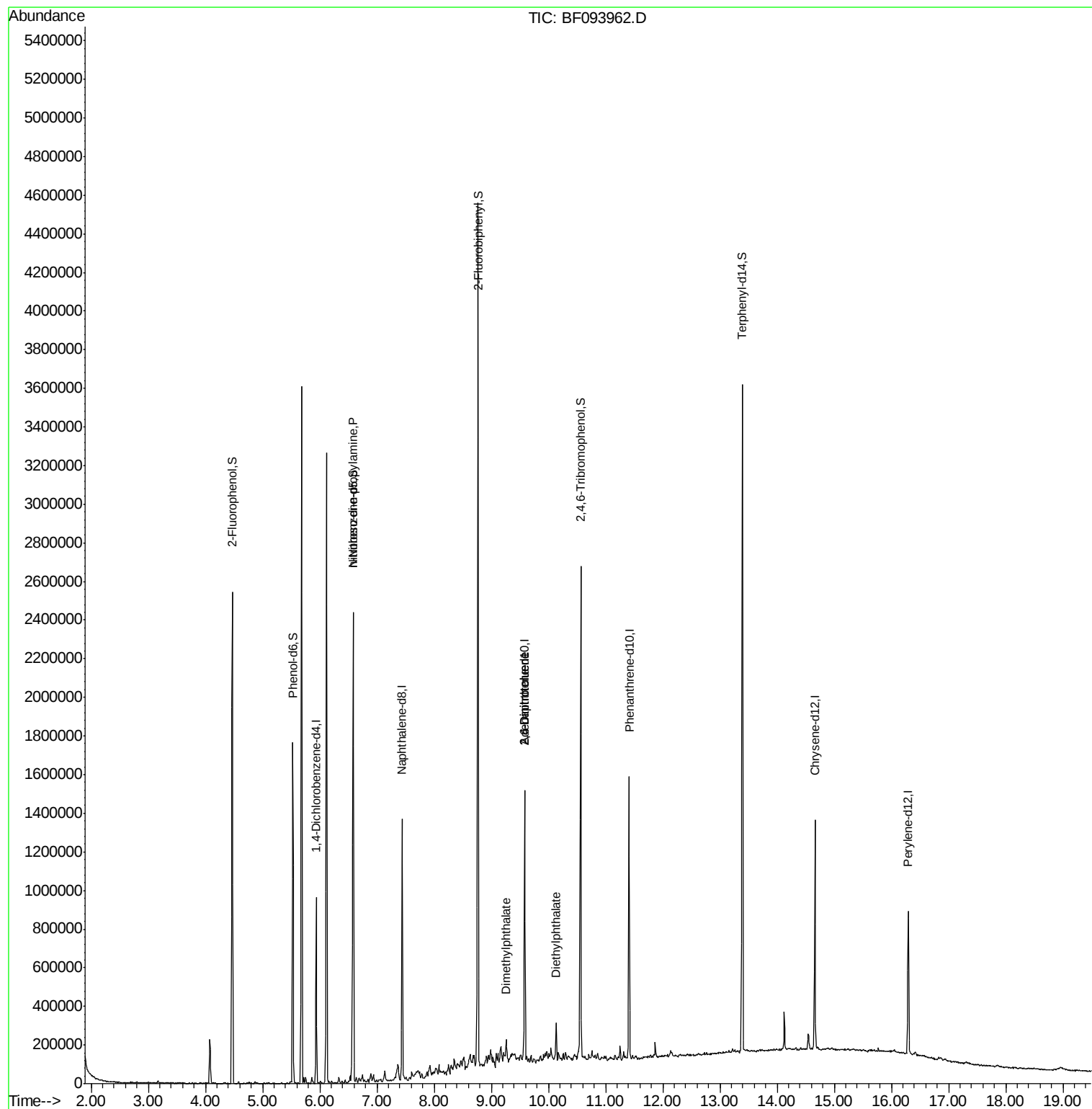
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.94	152	168791	20.00	ng	-0.01
21) Naphthalene-d8	7.44	136	679713	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	312164	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	562300	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	439757	20.00	ng	-0.02
86) Perylene-d12	16.29	264	310679	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	713199	71.37	ng	0.00
7) Phenol-d6	5.53	99	603441	48.81	ng	-0.02
23) Nitrobenzene-d5	6.59	82	1035820	86.97	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	378471	153.43	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1824139	89.13	ng	-0.01
78) Terphenyl-d14	13.39	244	1460729	74.45	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	6.59	70	135525	17.06	ng	Qvalue # 79
49) Dimethylphthalate	9.26	163	45879	2.07	ng	100
50) 2,6-Dinitrotoluene	9.59	165	42386	8.33	ng	# 35
56) 2,4-Dinitrotoluene	9.59	165	42386	6.63	ng	# 34
59) Diethylphthalate	10.14	149	78756	3.59	ng	100

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.94 min Scan# 689

Delta R.T. -0.01 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

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BNA_F

ClientSampleId :

LIP-22

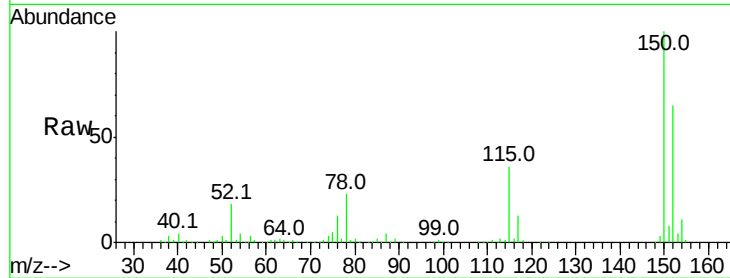
Tot Ion:152 Resp: 168791

Ion Ratio Lower Upper

152 100

150 153.5 126.2 189.2

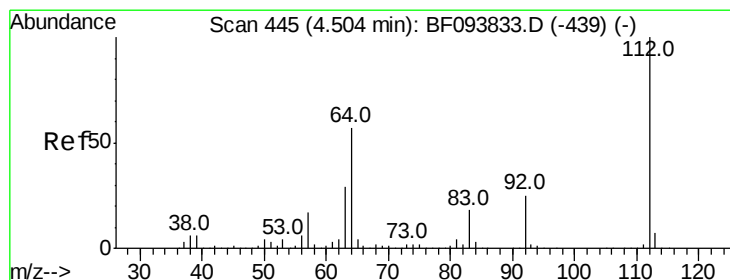
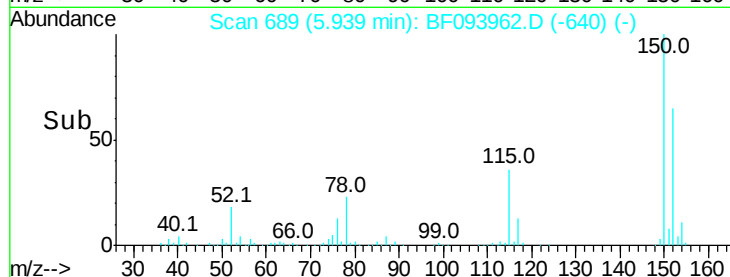
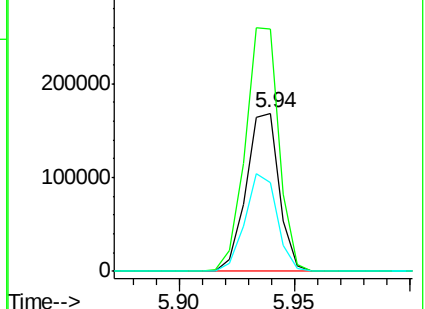
115 55.9 52.2 78.2



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: 71.37 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

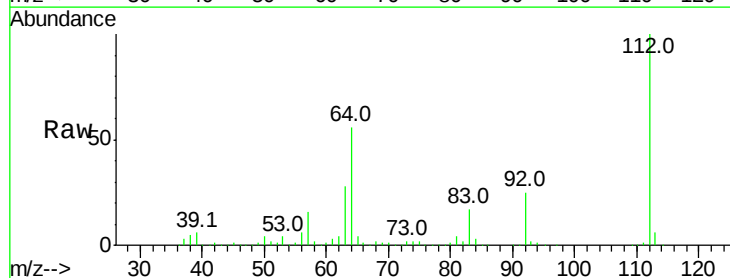
Tgt Ion:112 Resp: 713199

Ion Ratio Lower Upper

112 100

64 56.1 46.0 69.0

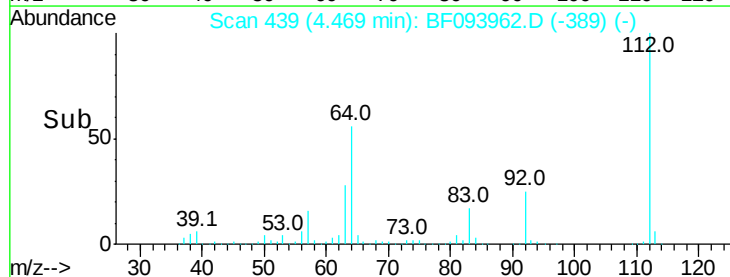
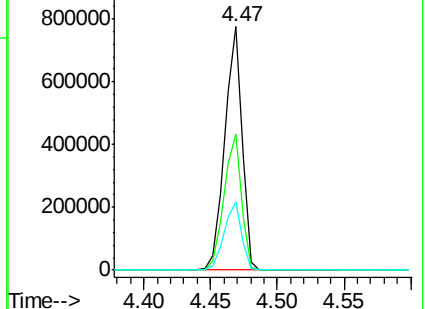
63 27.9 23.4 35.0

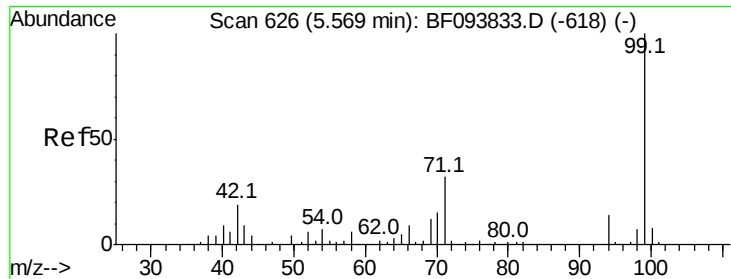


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.81 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

Instrument :

BNA_F

ClientSampleId :

LIP-22

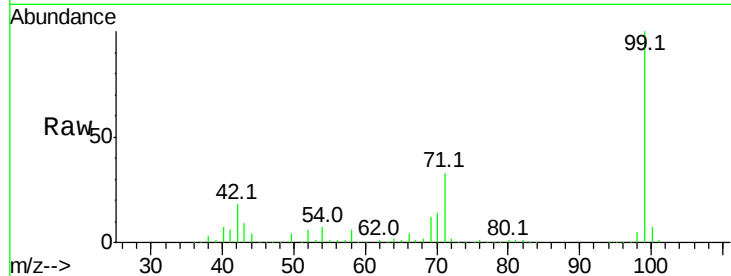
Tot Ion: 99 Resp: 603441

Ion Ratio Lower Upper

99 100

42 17.5 13.5 20.3

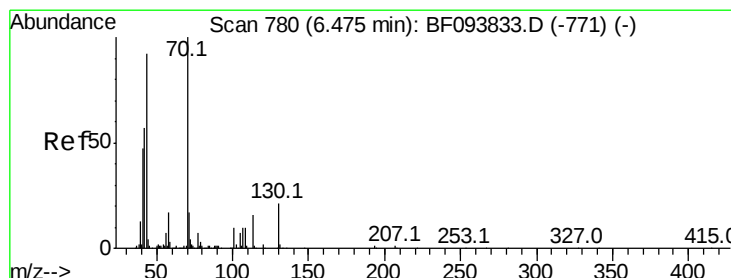
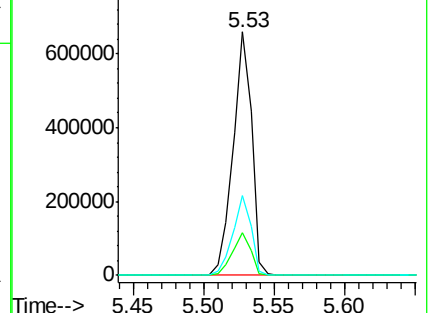
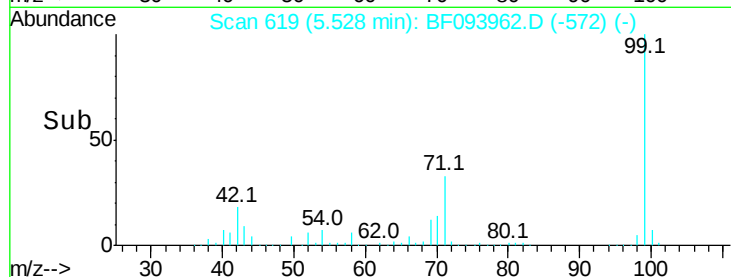
71 32.9 24.5 36.7



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



#19

n-Nitroso-di-n-propylamine

Concen: 17.06 ng

RT: 6.59 min Scan# 799

Delta R.T. 0.15 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

Tgt Ion: 70 Resp: 135525

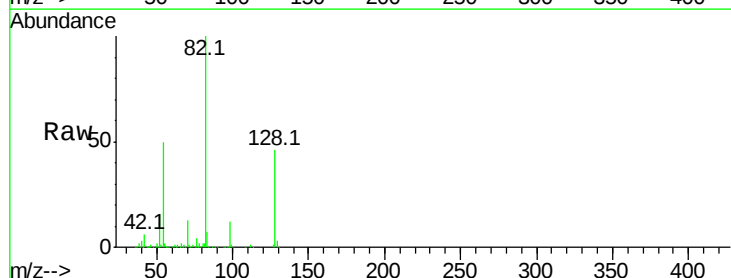
Ion Ratio Lower Upper

70 100

42 47.7 47.2 70.8

101 0.0 7.2 10.8#

130 2.4 15.9 23.9#

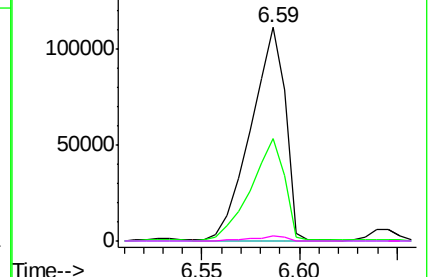
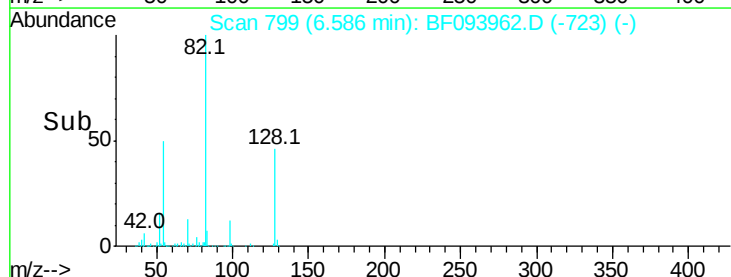


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.44 min Scan# 944

Delta R.T. -0.02 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

Instrument :

BNA_F

ClientSampleId :

LIP-22

Tot Ion:136 Resp: 679713

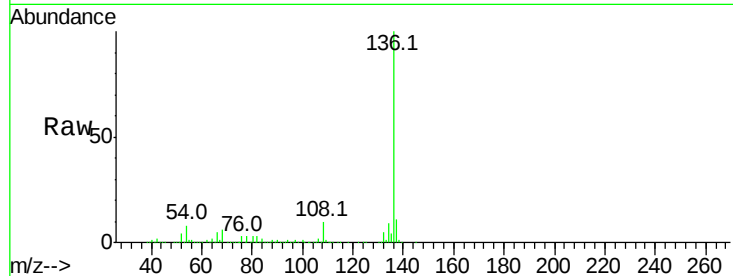
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 7.7 4.9 7.3#

68 6.4 4.1 6.1#



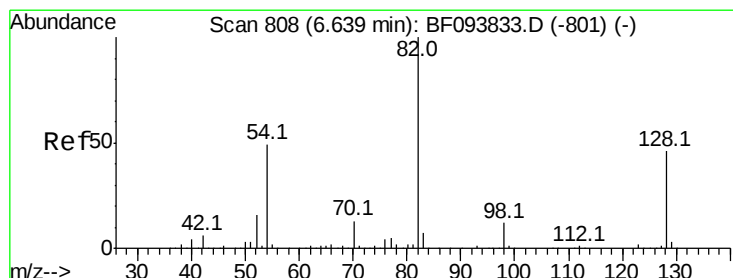
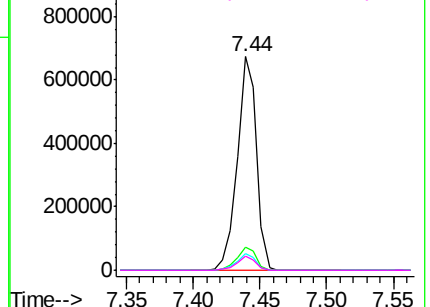
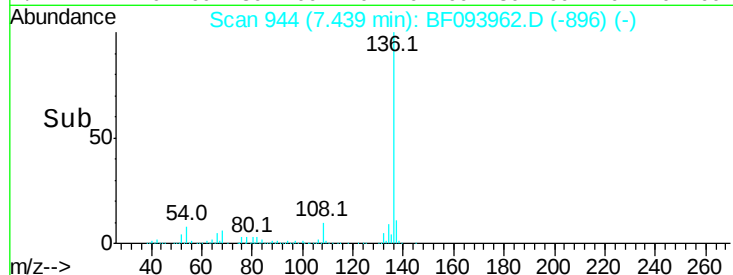
Abundance

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: 86.97 ng

RT: 6.59 min Scan# 799

Delta R.T. -0.02 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

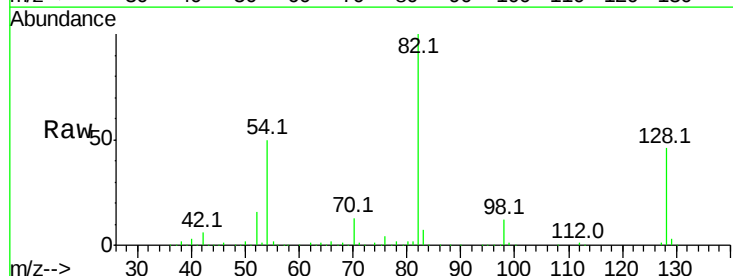
Tgt Ion: 82 Resp: 1035820

Ion Ratio Lower Upper

82 100

128 45.7 34.0 51.0

54 49.8 42.2 63.2

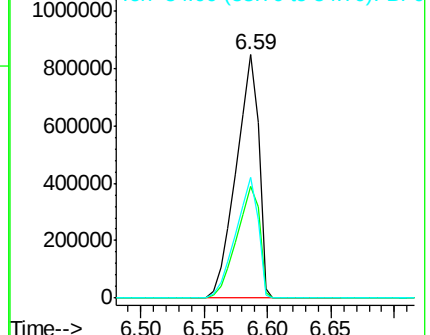
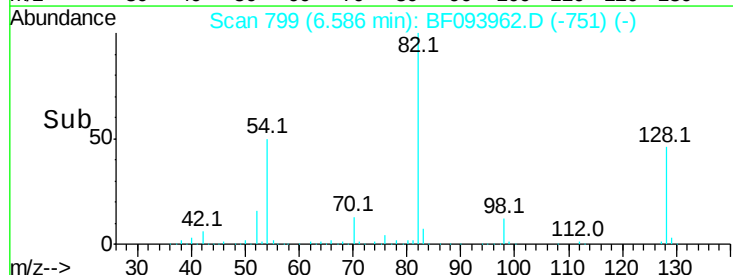


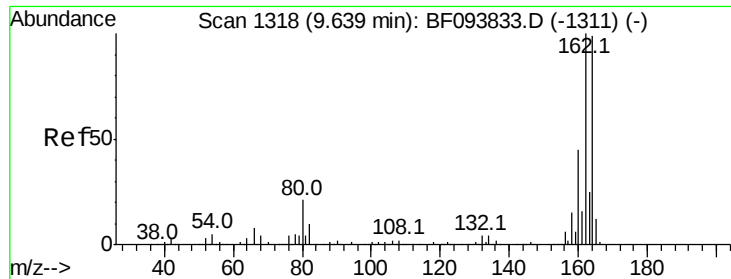
Abundance

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

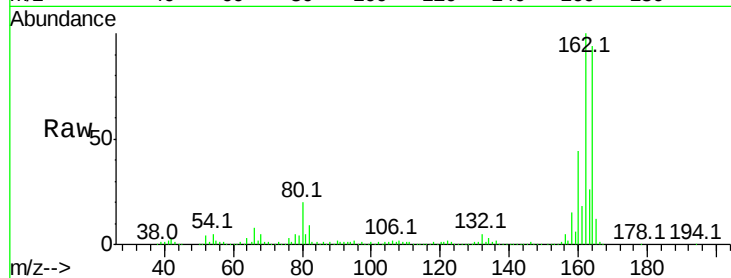




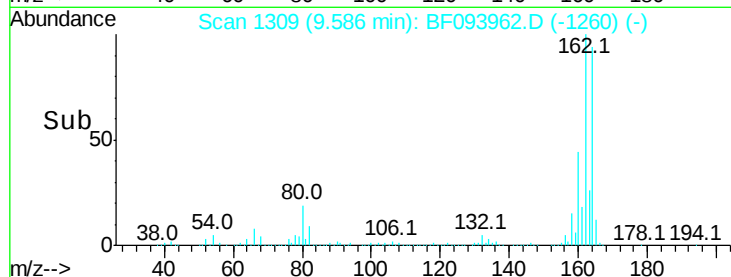
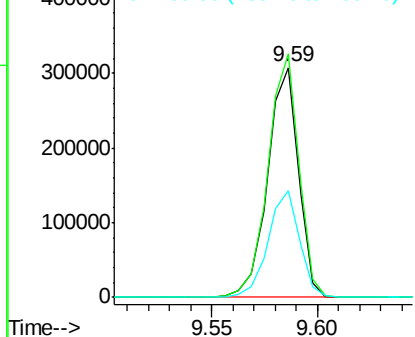
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF093962.D
Acq: 28 Mar 2017 00:36

Instrument :
BNA_F
ClientSampleId :
LIP-22

Tot Ion:164 Resp: 312164
Ion Ratio Lower Upper
164 100
162 106.1 82.6 123.8
160 46.4 36.2 54.2

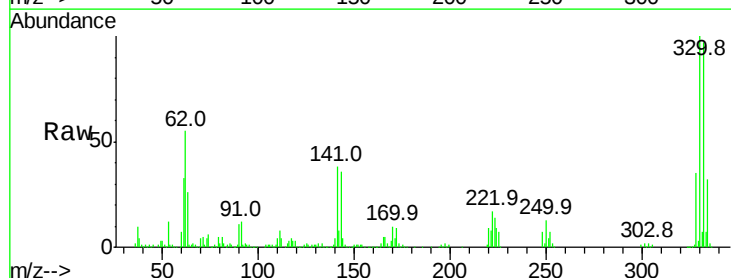


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

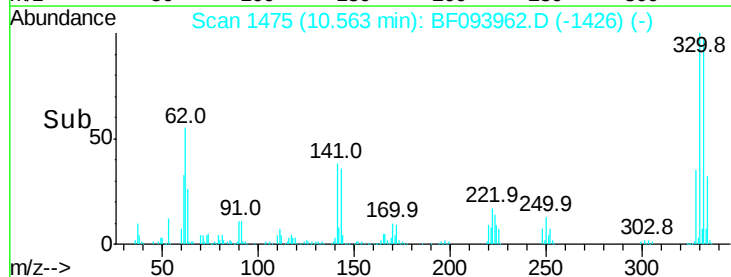
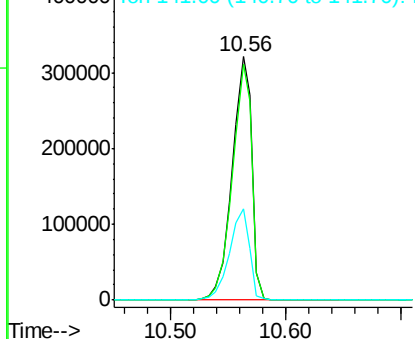


#41
2,4,6-Tribromophenol
Concen: 153.43 ng
RT: 10.56 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BF093962.D
Acq: 28 Mar 2017 00:36

Tgt Ion:330 Resp: 378471
Ion Ratio Lower Upper
330 100
332 96.0 76.6 115.0
141 38.5 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

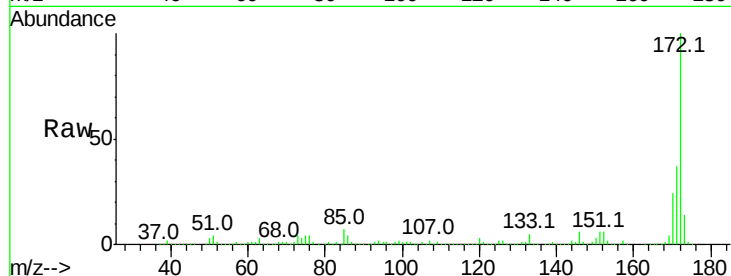




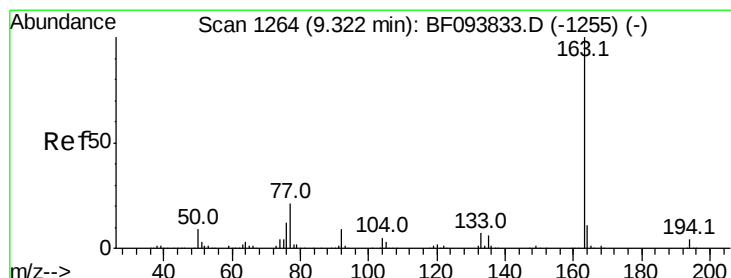
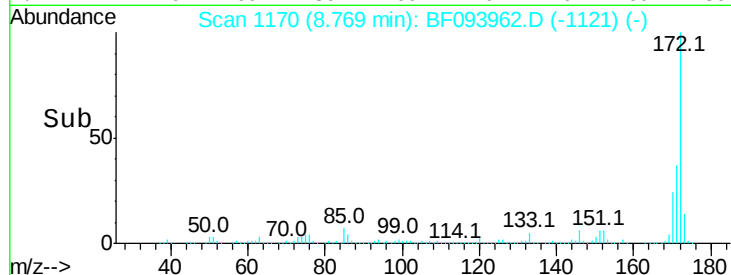
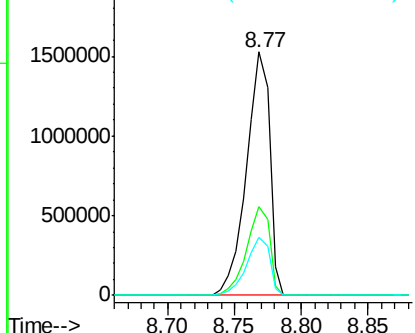
#44
2-Fluorobiphenyl
Concen: 89.13 ng
RT: 8.77 min Scan# 1170
Delta R.T. -0.01 min
Lab File: BF093962.D
Acq: 28 Mar 2017 00:36

Instrument :
BNA_F
ClientSampleId :
LIP-22

Tot Ion:172 Resp: 1824139
Ion Ratio Lower Upper
172 100
171 36.6 29.6 44.4
170 23.7 19.8 29.8

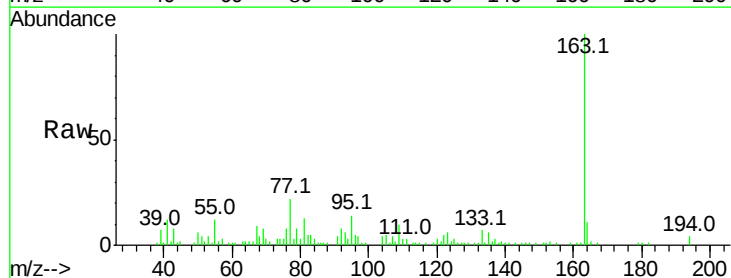


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

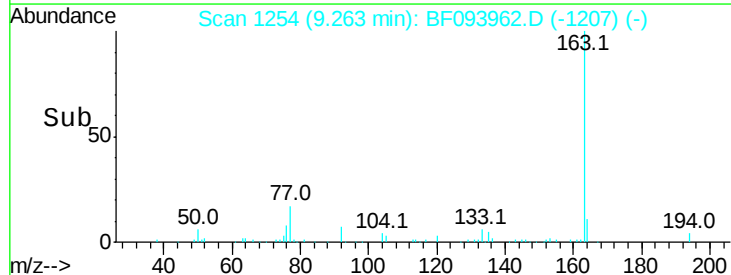
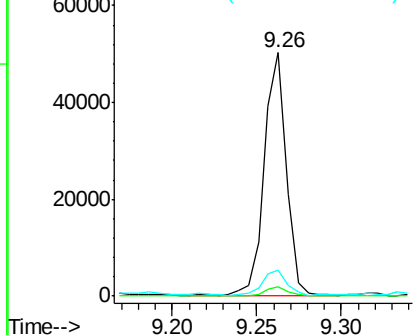


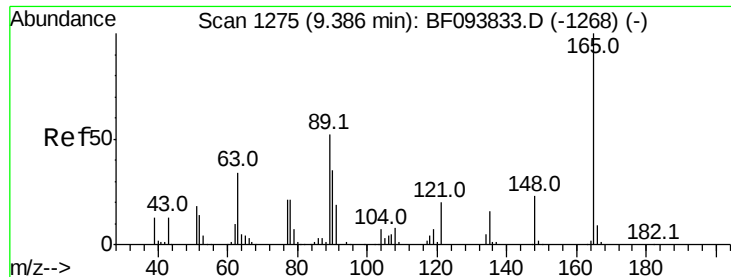
#49
Dimethylphthalate
Concen: 2.07 ng
RT: 9.26 min Scan# 1254
Delta R.T. -0.02 min
Lab File: BF093962.D
Acq: 28 Mar 2017 00:36

Tgt Ion:163 Resp: 45879
Ion Ratio Lower Upper
163 100
194 3.7 2.6 4.0
164 10.6 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

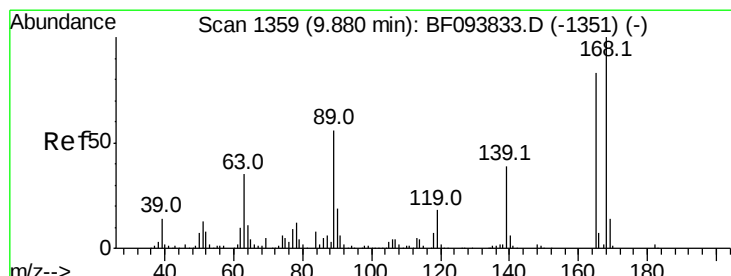
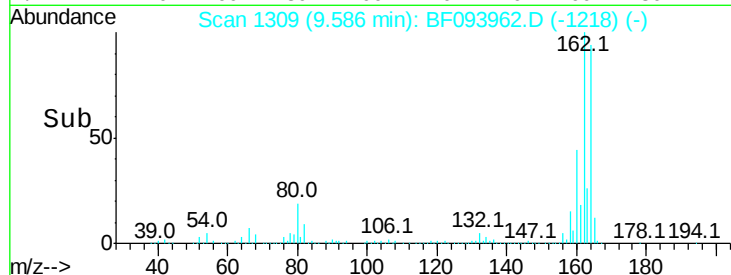
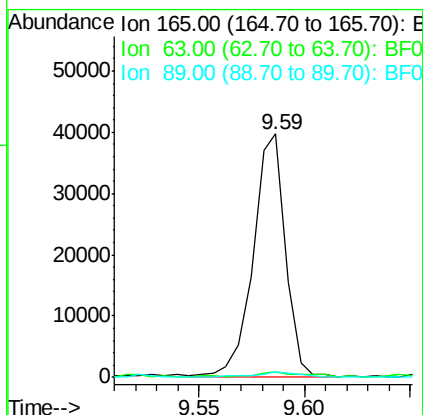
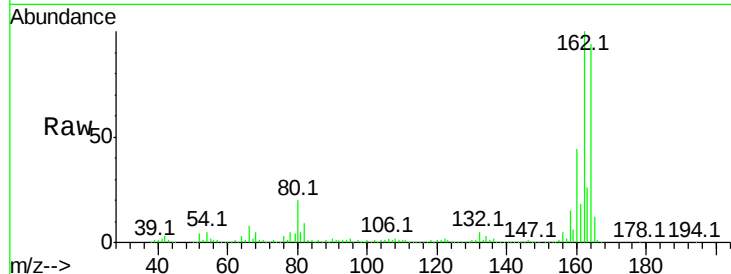




#50
 2,6-Dinitrotoluene
 Concen: 8.33 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. 0.24 min
 Lab File: BF093962.D
 Acq: 28 Mar 2017 00:36

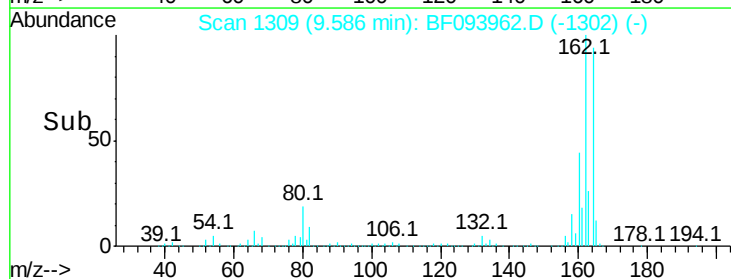
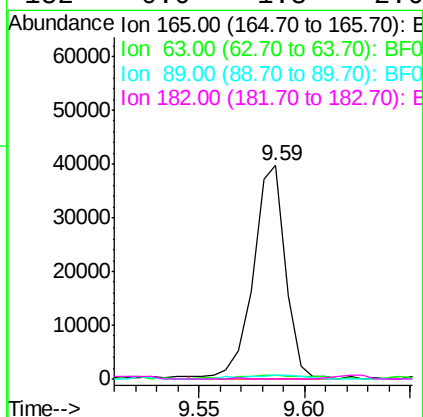
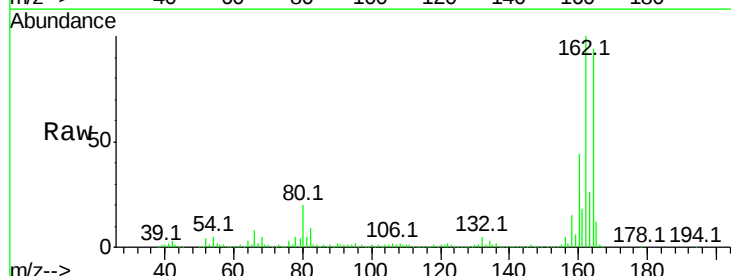
Instrument :
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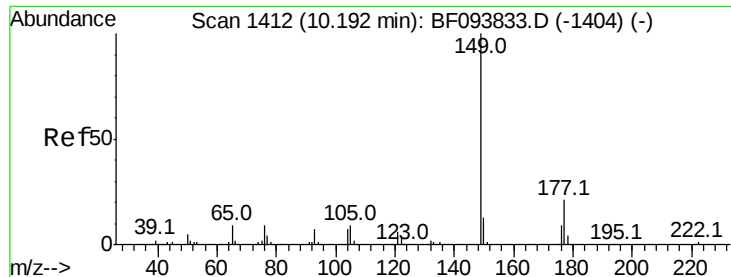
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.1	34.3	51.5#
89	2.0	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.63 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.26 min
 Lab File: BF093962.D
 Acq: 28 Mar 2017 00:36

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	25.4	38.0#
89	2.0	46.4	69.6#
182	0.0	1.8	2.6#

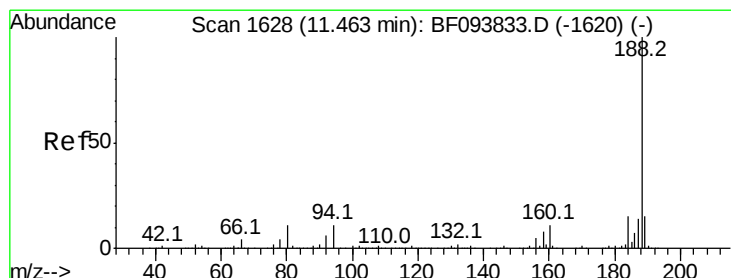
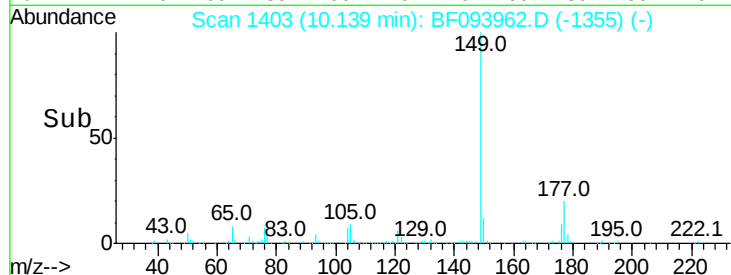
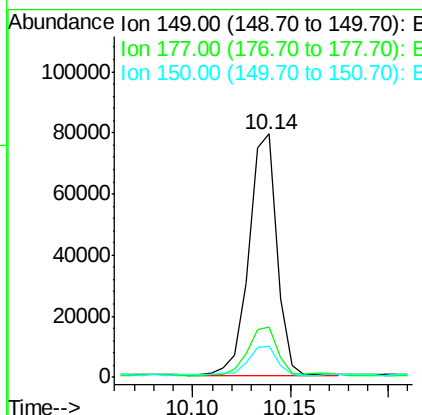
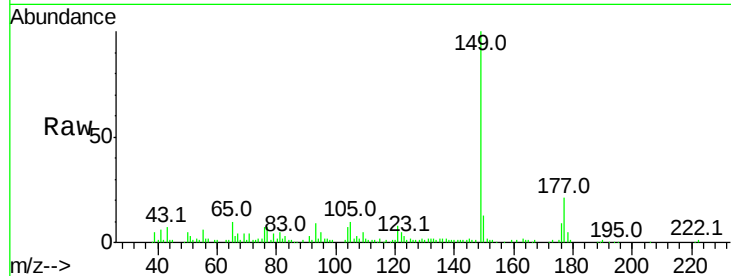




#59
Diethylphthalate
Concen: 3.59 ng
RT: 10.14 min Scan# 1403
Delta R.T. -0.02 min
Lab File: BF093962.D
Acq: 28 Mar 2017 00:36

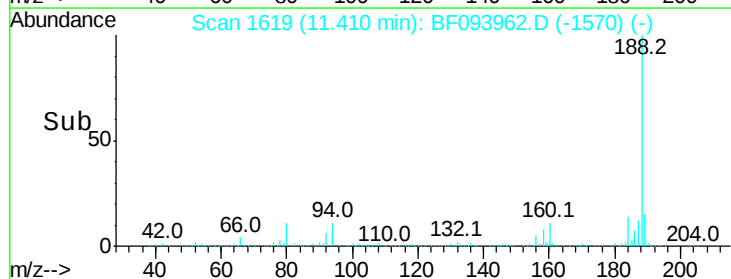
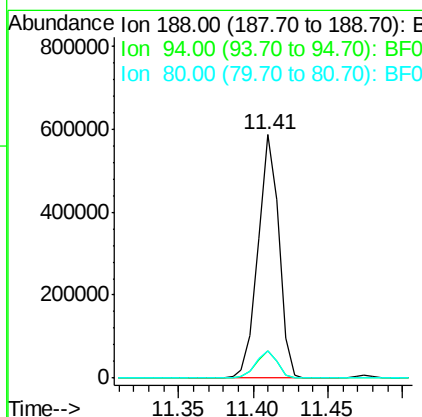
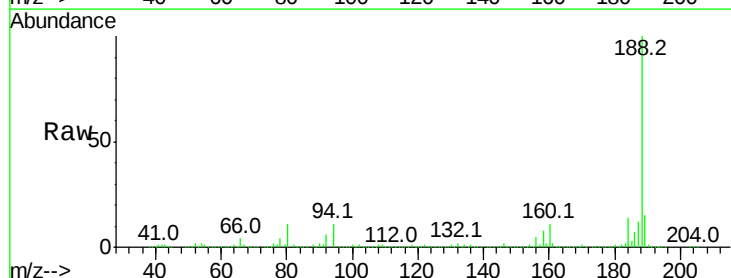
Instrument :
BNA_F
ClientSampled :
LIP-22

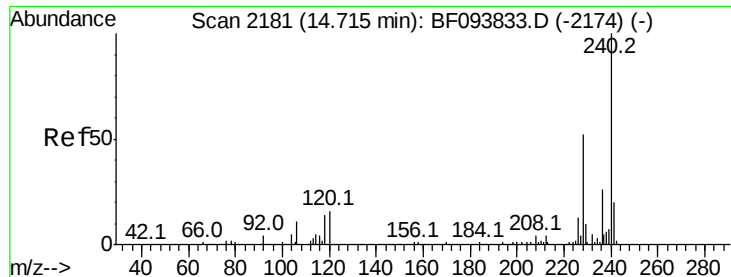
Tot Ion:149 Resp: 78756
Ion Ratio Lower Upper
149 100
177 20.8 16.7 25.1
150 12.6 10.2 15.2



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093962.D
Acq: 28 Mar 2017 00:36

Tgt Ion:188 Resp: 562300
Ion Ratio Lower Upper
188 100
94 11.0 9.4 14.2
80 11.4 10.2 15.2





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.66 min Scan# 2172

Delta R.T. -0.02 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

Instrument :

BNA_F

ClientSampleID :

LIP-22

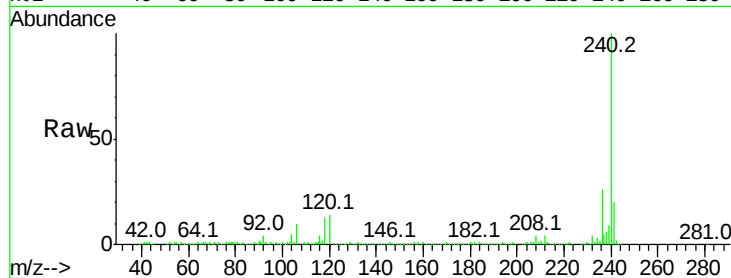
Tot Ion:240 Resp: 439757

Ion Ratio Lower Upper

240 100

120 14.1 5.8 8.8#

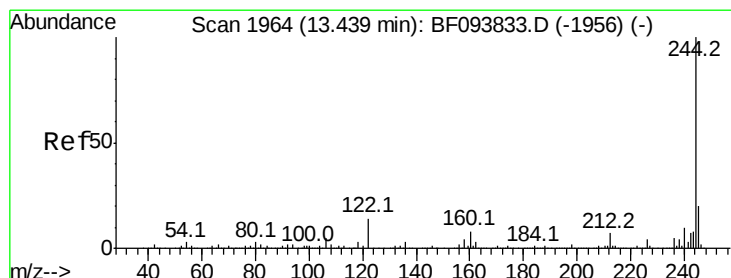
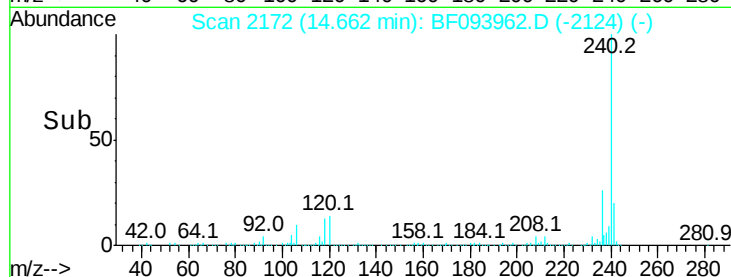
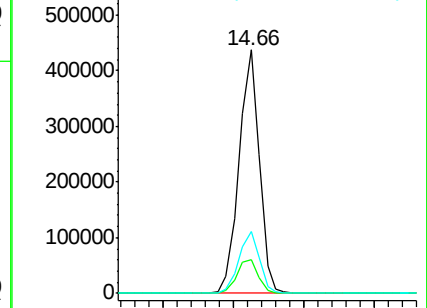
236 25.6 20.5 30.7



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: 74.45 ng

RT: 13.39 min Scan# 1956

Delta R.T. -0.01 min

Lab File: BF093962.D

Acq: 28 Mar 2017 00:36

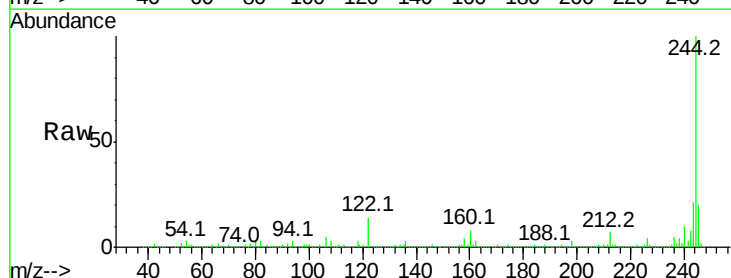
Tgt Ion:244 Resp: 1460729

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

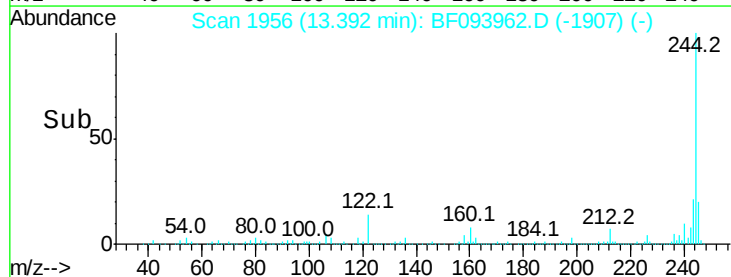
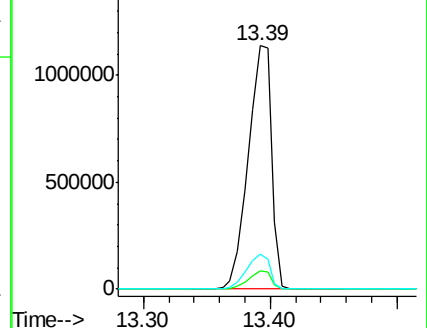
122 14.2 10.3 15.5

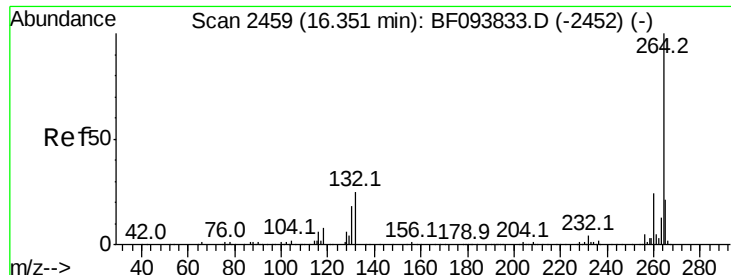


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

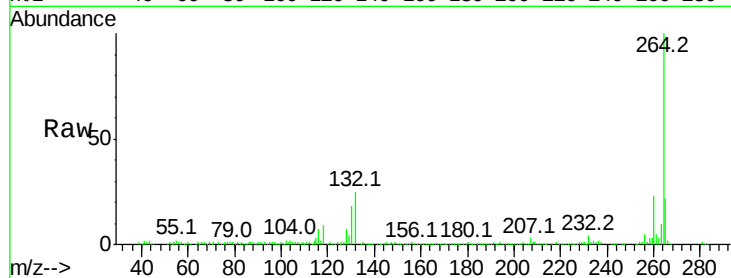




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 16.29 min Scan# 2449
 Delta R.T. -0.02 min
 Lab File: BF093962.D
 Acq: 28 Mar 2017 00:36

Instrument :
 BNA_F
 ClientSampleId :
 LIP-22

Tot Ion	Ion	Ratio	Lower	Upper
264	100			
260	23.4	19.5	29.3	
265	22.1	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

