

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093961.D
 Acq On : 28 Mar 2017 00:09
 Operator : SJ/MA
 Sample : I2409-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-24-17

Quant Time: Mar 28 00:35:01 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

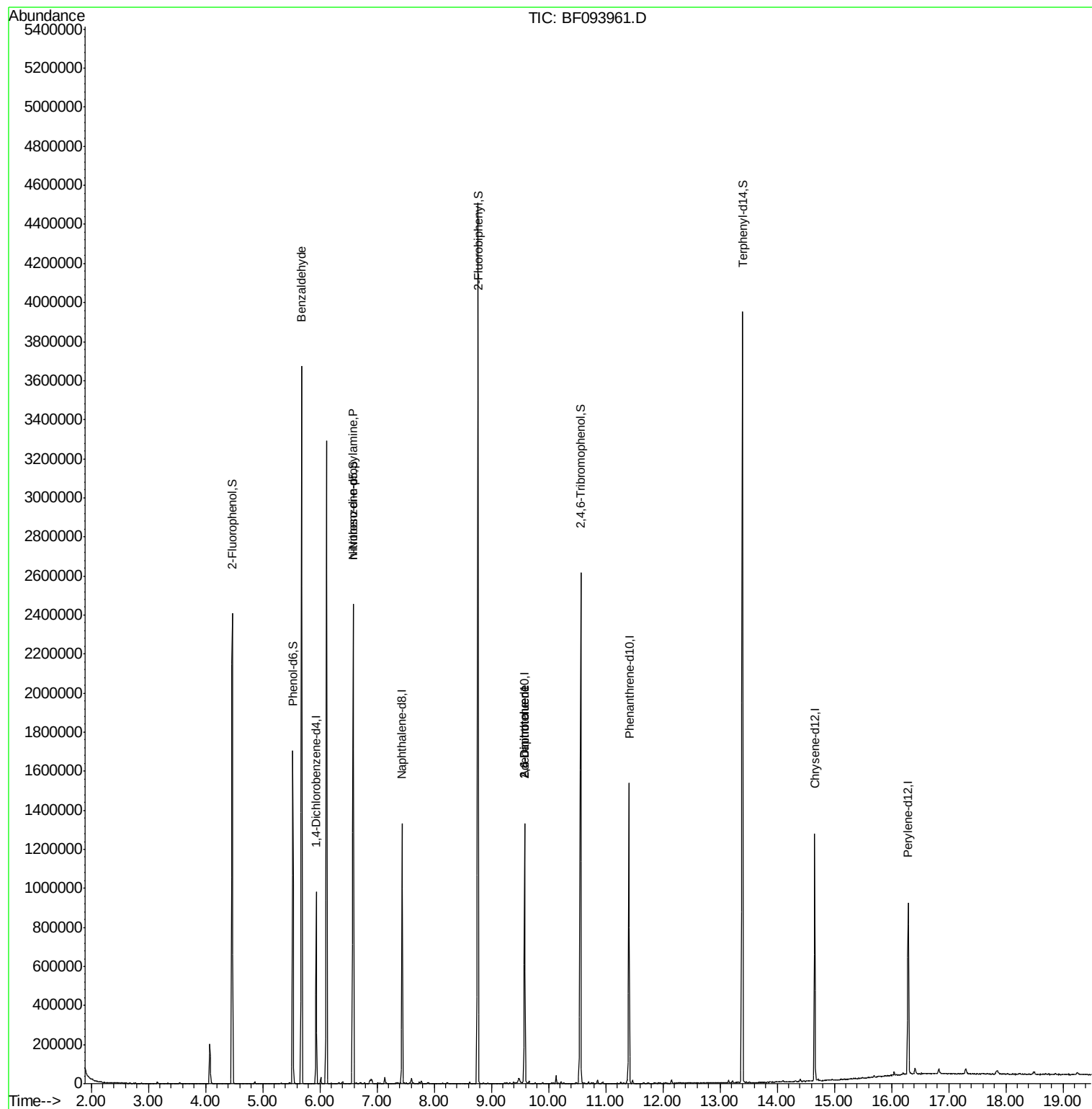
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	165000	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	668686	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	315861	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	590776	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	500890	20.00	ng	-0.02
86) Perylene-d12	16.29	264	366296	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	707513	72.42	ng	0.00
7) Phenol-d6	5.53	99	581539	48.12	ng	-0.02
23) Nitrobenzene-d5	6.59	82	1051205	89.71	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	397565	159.28	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1885528	91.05	ng	-0.01
78) Terphenyl-d14	13.40	244	1754782	78.53	ng	0.00
Target Compounds						
9) Benzaldehyde	5.68	77	24746	3.03	ng	# 78
19) n-Nitroso-di-n-propylamine	6.59	70	139990	18.02	ng	# 77
50) 2,6-Dinitrotoluene	9.58	165	40318	7.83	ng	# 33
56) 2,4-Dinitrotoluene	9.58	165	40317	6.24	ng	# 33

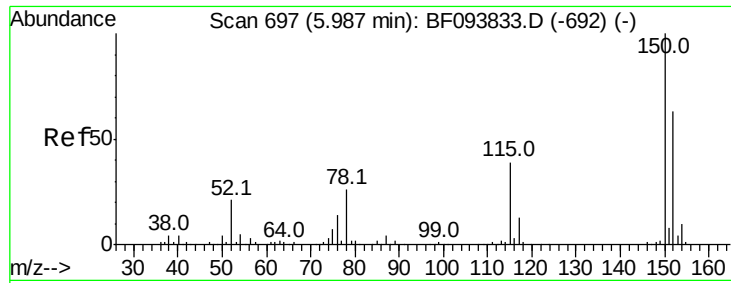
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 5.93 min Scan# 688

Delta R.T. -0.02 min

Lab File: BF093961.D

Acq: 28 Mar 2017 00:09

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BNA_F

ClientSampleId :

FIELDBLANK-3-24-17

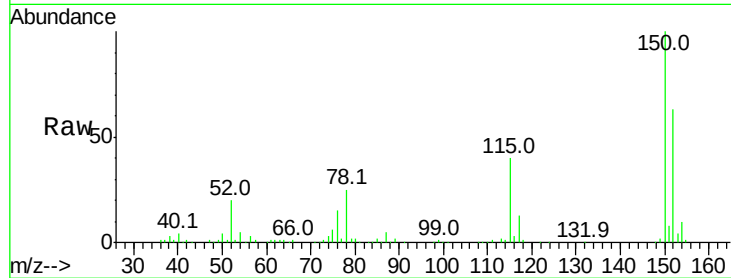
Tot Ion:152 Resp: 165000

Ion Ratio Lower Upper

152 100

150 159.9 126.2 189.2

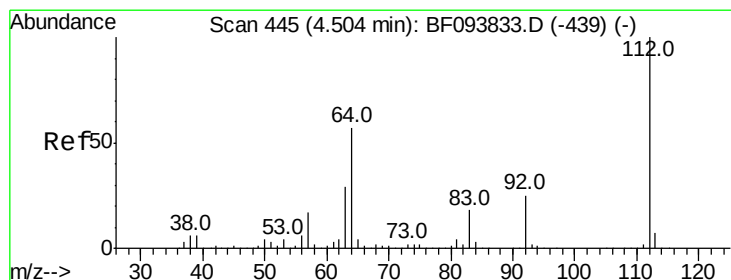
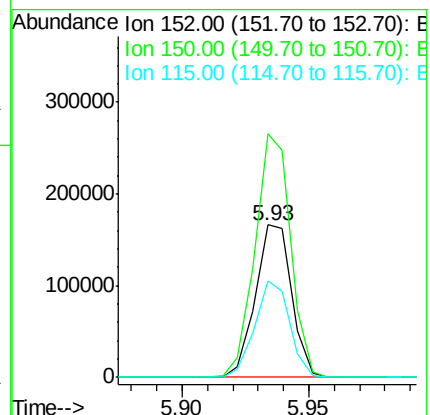
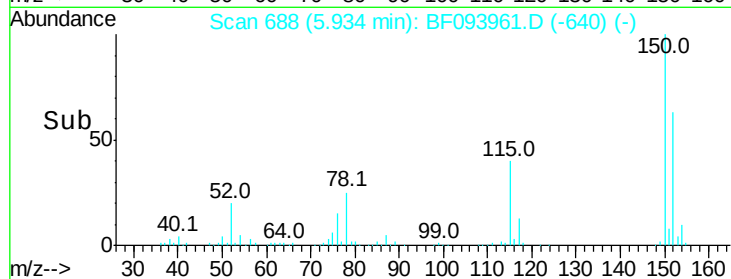
115 63.4 52.2 78.2



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: 72.42 ng

RT: 4.47 min Scan# 439

Delta R.T. -0.01 min

Lab File: BF093961.D

Acq: 28 Mar 2017 00:09

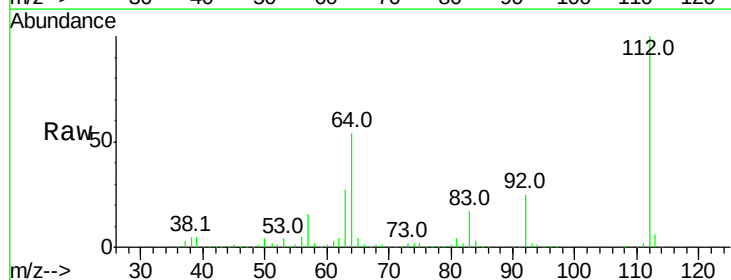
Tgt Ion:112 Resp: 707513

Ion Ratio Lower Upper

112 100

64 54.4 46.0 69.0

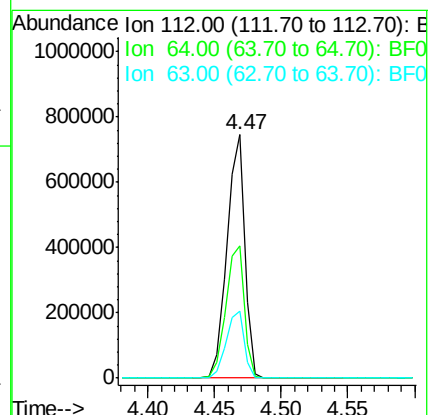
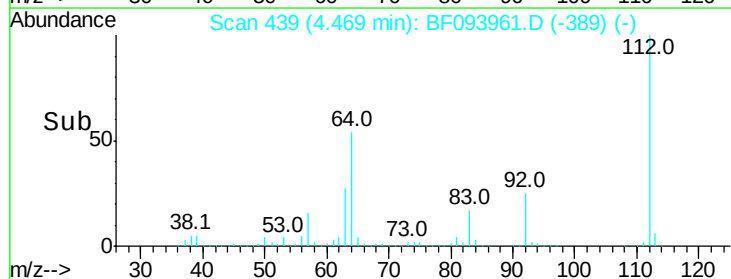
63 27.4 23.4 35.0

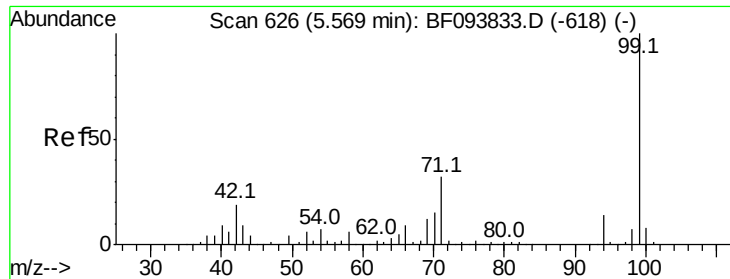


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 48.12 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093961.D

Acq: 28 Mar 2017 00:09

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-24-17

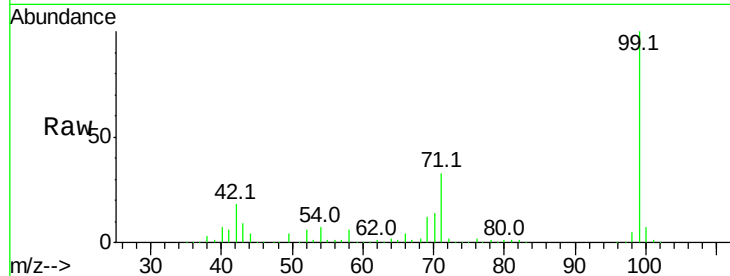
Tot Ion: 99 Resp: 581539

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

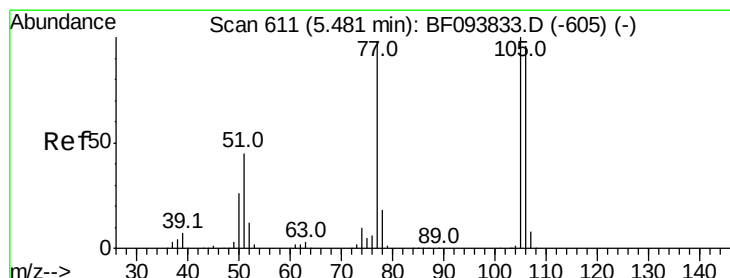
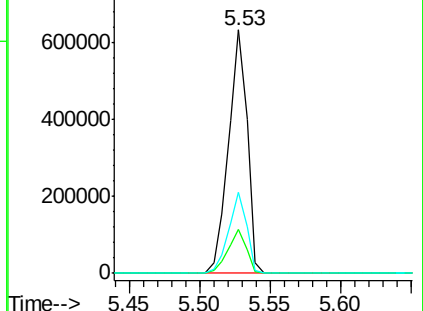
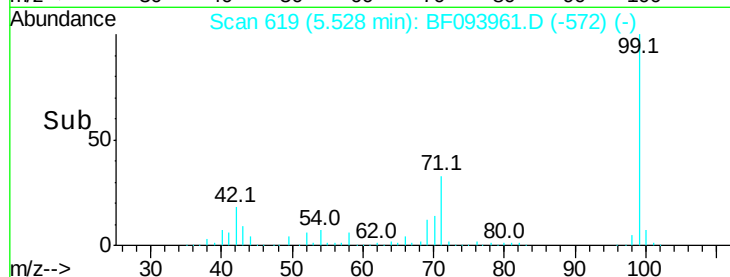
71 33.3 24.5 36.7



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



#9

Benzaldehyde

Concen: 3.03 ng

RT: 5.68 min Scan# 645

Delta R.T. 0.24 min

Lab File: BF093961.D

Acq: 28 Mar 2017 00:09

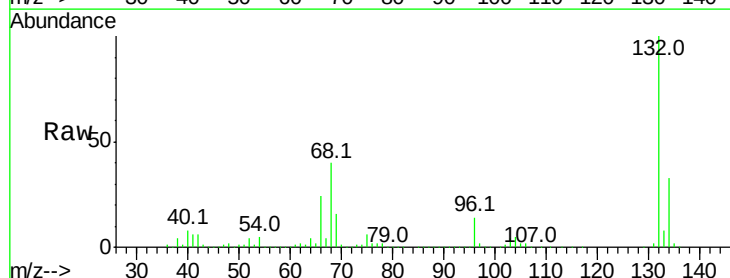
Tgt Ion: 77 Resp: 24746

Ion Ratio Lower Upper

77 100

105 80.4 83.8 123.8#

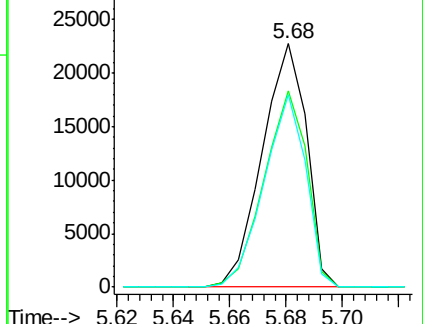
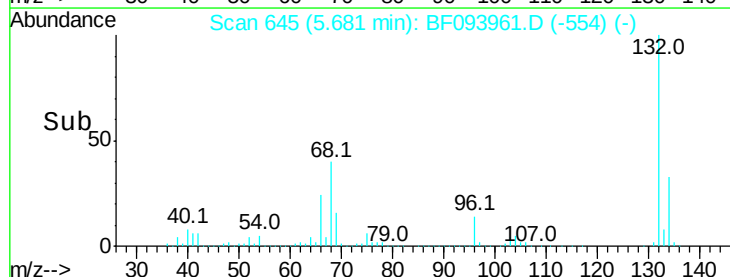
106 79.1 79.1 119.1

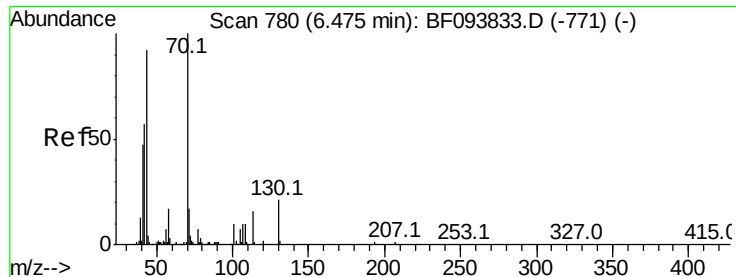


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 18.02 ng

RT: 6.59 min Scan# 799

Delta R.T. 0.15 min

Lab File: BF093961.D

Acq: 28 Mar 2017 00:09

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-24-17

Tot Ion: 70 Resp: 139990

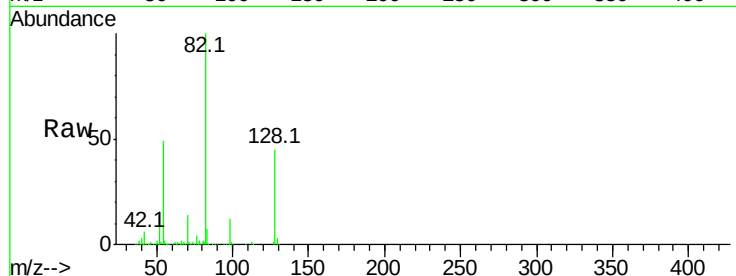
Ion Ratio Lower Upper

70 100

42 46.3 47.2 70.8#

101 0.0 7.2 10.8#

130 2.2 15.9 23.9#

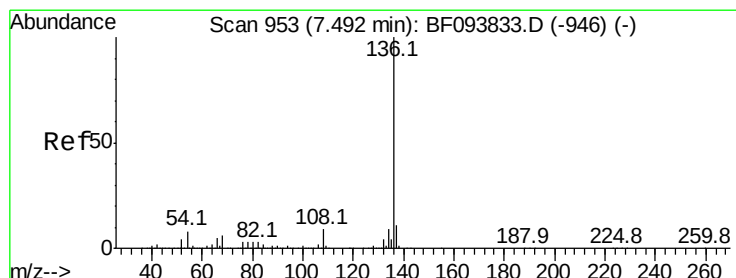
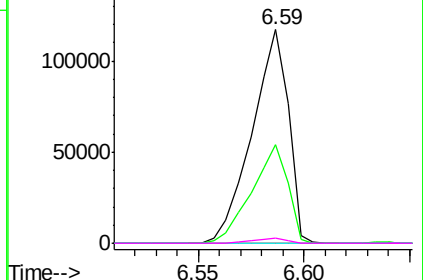
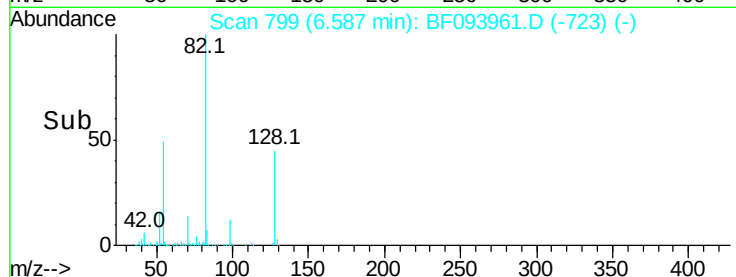


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: BF093961.D

Acq: 28 Mar 2017 00:09

Tgt Ion: 136 Resp: 668686

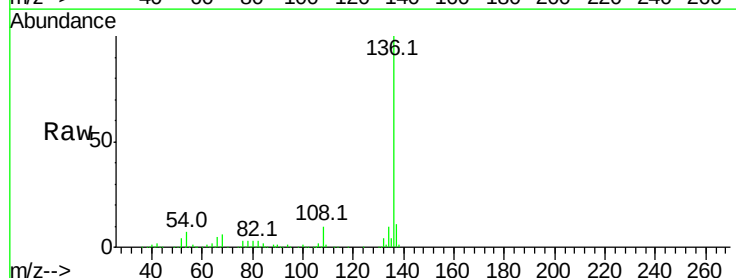
Ion Ratio Lower Upper

136 100

137 11.4 8.5 12.7

54 7.4 4.9 7.3#

68 5.9 4.1 6.1

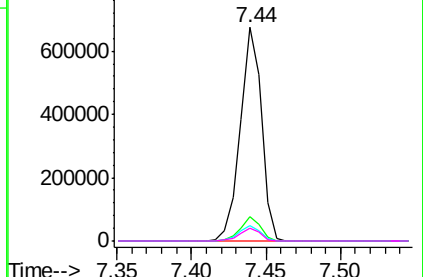
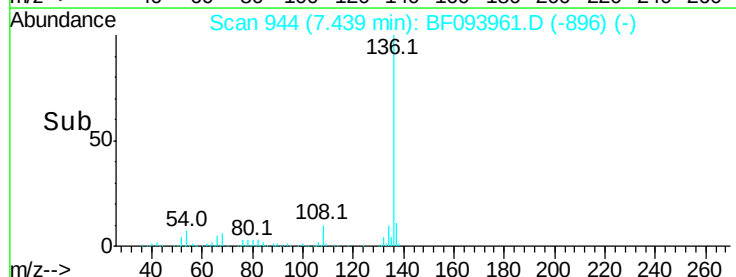


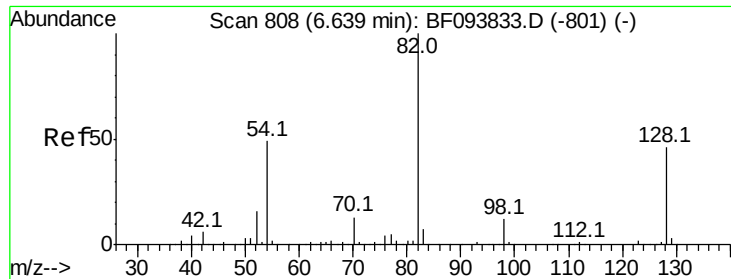
Abundance Ion 136.00 (135.70 to 136.70): BF0

Ion 137.00 (136.70 to 137.70): BF0

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0

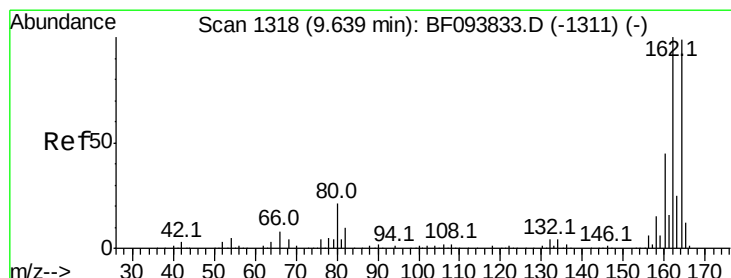
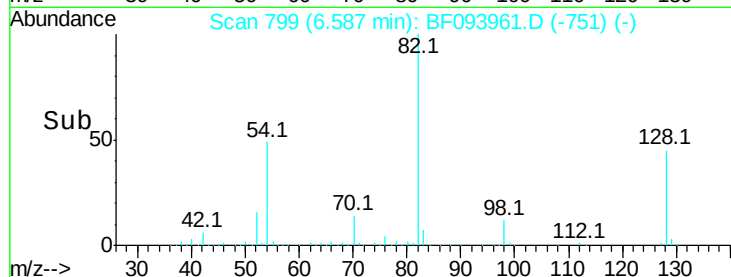
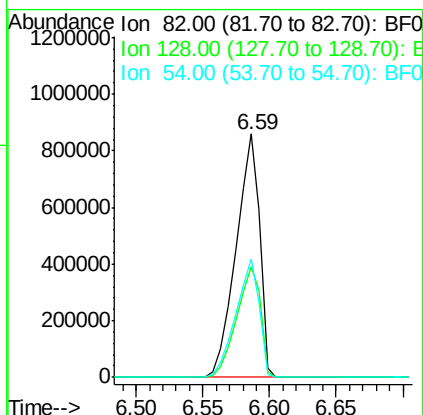
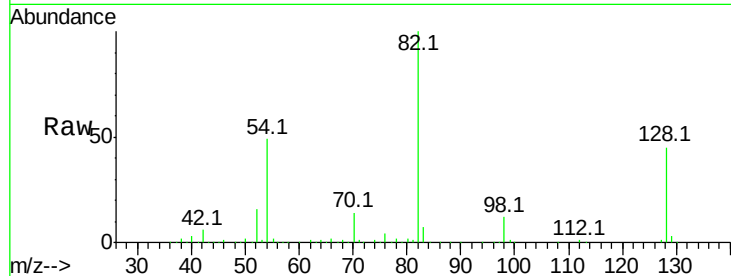




#23
Nitrobenzene-d5
Concen: 89.71 ng
RT: 6.59 min Scan# 799
Delta R.T. -0.02 min
Lab File: BF093961.D
Acq: 28 Mar 2017 00:09

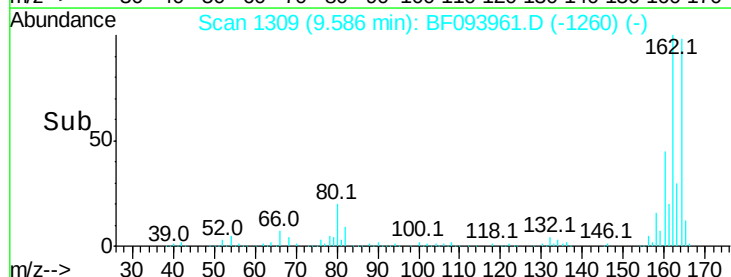
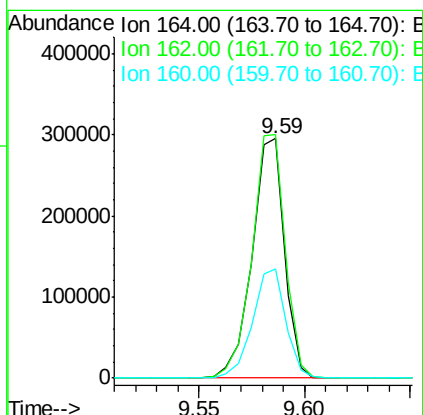
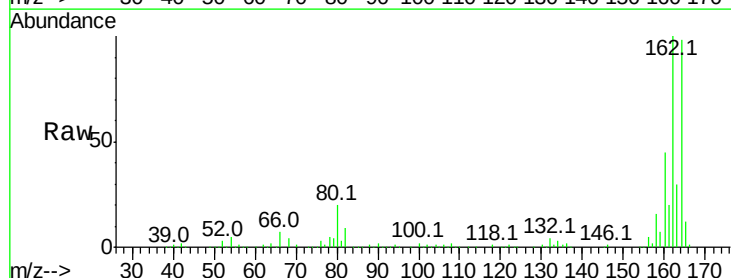
Instrument :
BNA_F
ClientSampleId :
FIELDBLANK-3-24-17

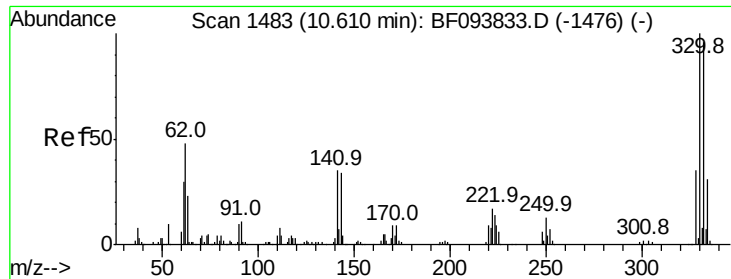
Tot Ion: 82 Resp: 1051205
Ion Ratio Lower Upper
82 100
128 45.4 34.0 51.0
54 48.8 42.2 63.2



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.59 min Scan# 1309
Delta R.T. -0.01 min
Lab File: BF093961.D
Acq: 28 Mar 2017 00:09

Tgt Ion:164 Resp: 315861
Ion Ratio Lower Upper
164 100
162 101.7 82.6 123.8
160 45.8 36.2 54.2





#41

2,4,6-Tribromophenol

Concen: 159.28 ng

RT: 10.56 min Scan# 1475

Delta R.T. -0.01 min

Lab File: BF093961.D

Acq: 28 Mar 2017 00:09

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-24-17

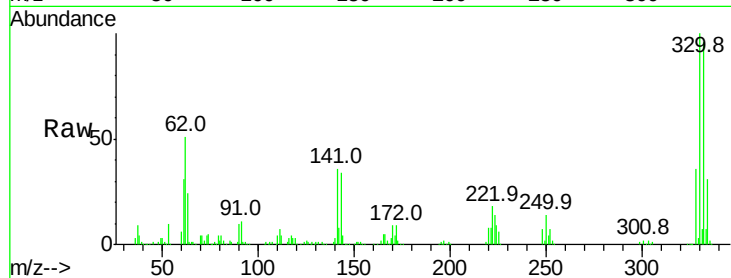
Tot Ion:330 Resp: 397565

Ion Ratio Lower Upper

330 100

332 95.6 76.6 115.0

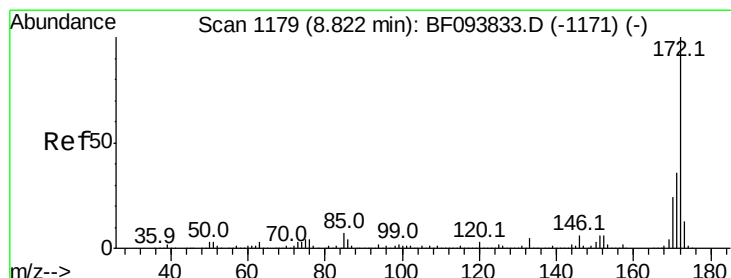
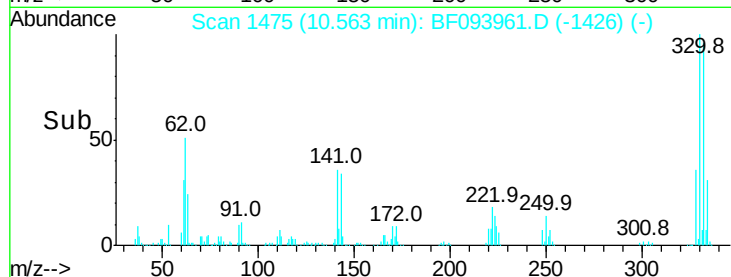
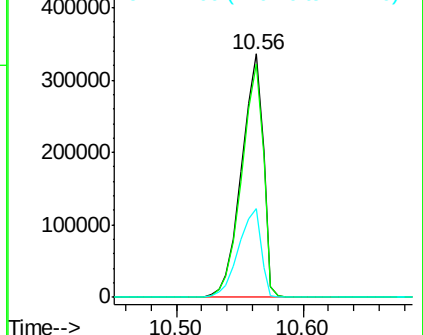
141 37.7 31.4 47.2



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: 91.05 ng

RT: 8.77 min Scan# 1170

Delta R.T. -0.01 min

Lab File: BF093961.D

Acq: 28 Mar 2017 00:09

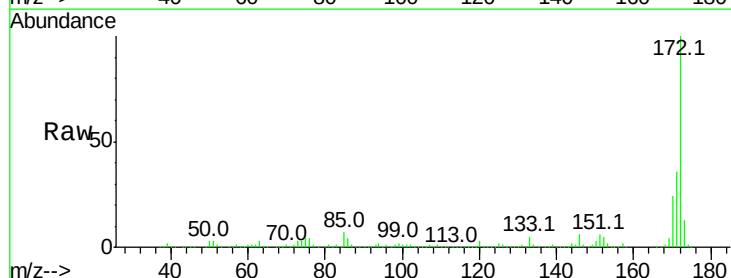
Tgt Ion:172 Resp: 1885528

Ion Ratio Lower Upper

172 100

171 36.4 29.6 44.4

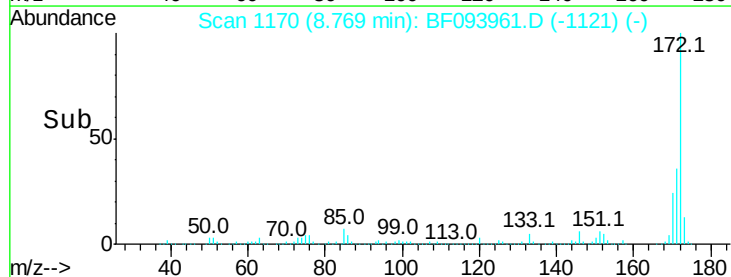
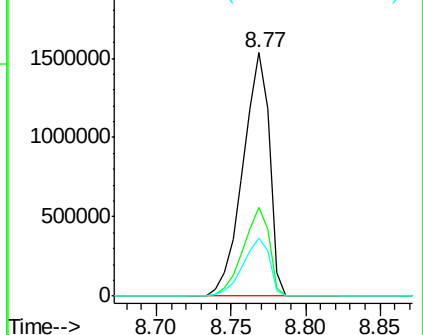
170 24.0 19.8 29.8

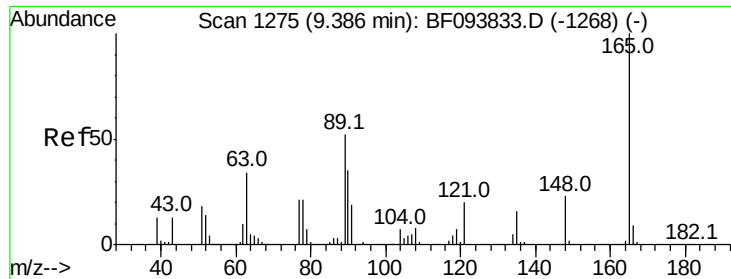


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

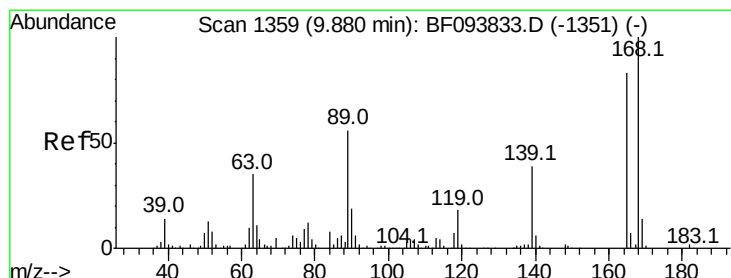
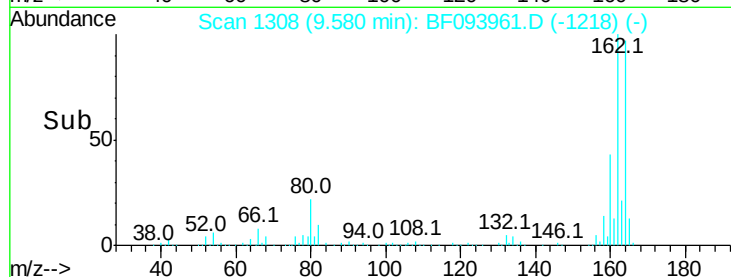
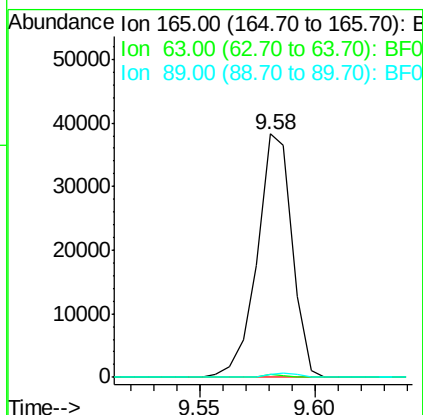
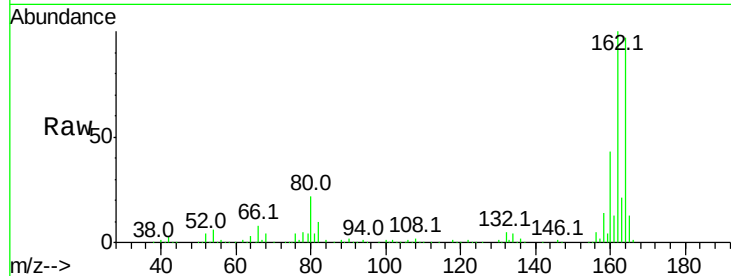




#50
 2,6-Dinitrotoluene
 Concen: 7.83 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. 0.23 min
 Lab File: BF093961.D
 Acq: 28 Mar 2017 00:09

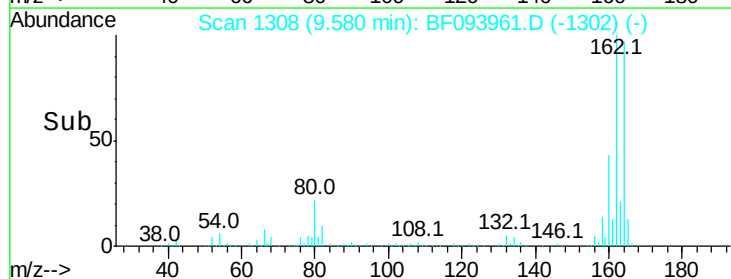
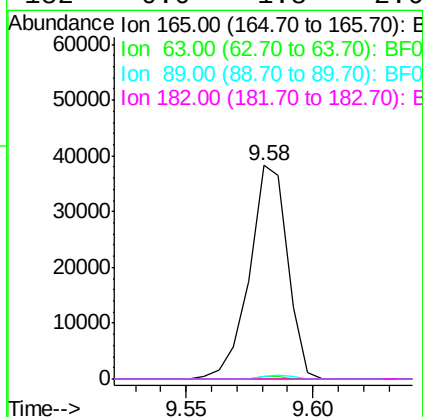
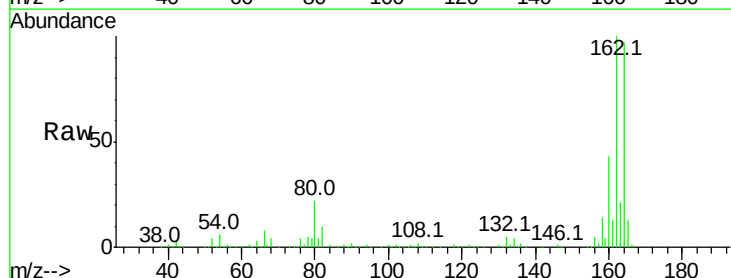
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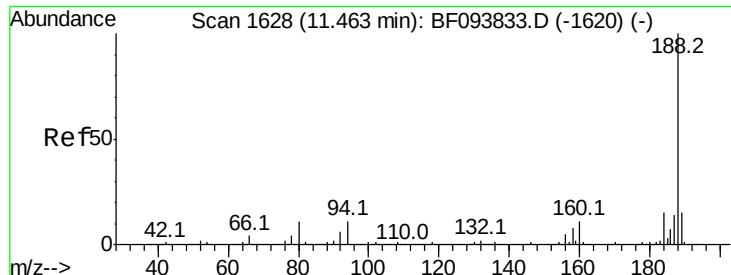
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	34.3	51.5#
89	1.3	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.58 min Scan# 1308
 Delta R.T. -0.26 min
 Lab File: BF093961.D
 Acq: 28 Mar 2017 00:09

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.0	25.4	38.0#
89	1.3	46.4	69.6#
182	0.0	1.8	2.6#

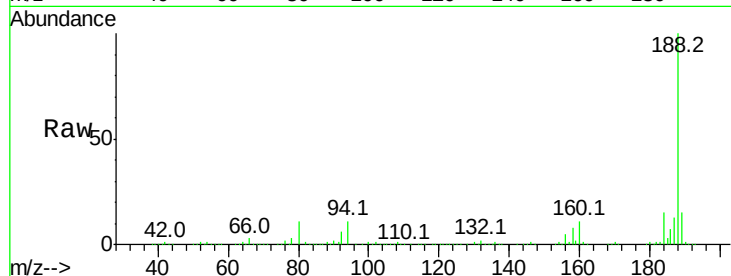




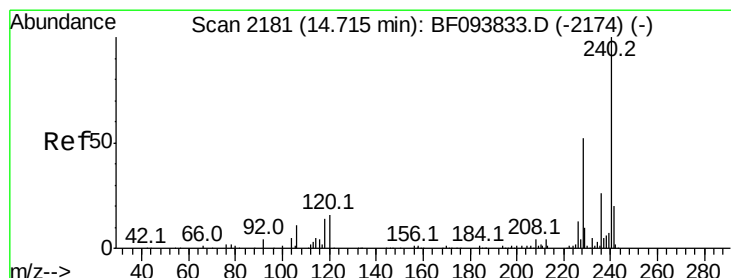
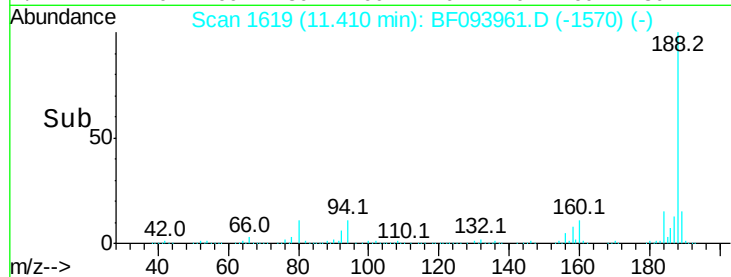
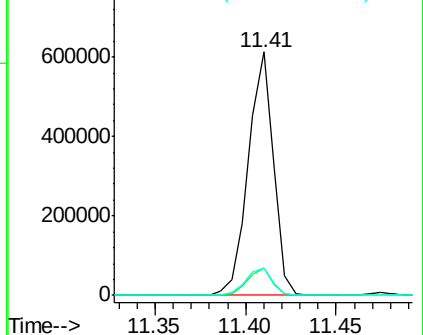
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF093961.D
 Acq: 28 Mar 2017 00:09

Instrument :
 BNA_F
 ClientSampleId :
 FIELDBLANK-3-24-17

Tot Ion:188 Resp: 590776
 Ion Ratio Lower Upper
 188 100
 94 11.0 9.4 14.2
 80 11.4 10.2 15.2

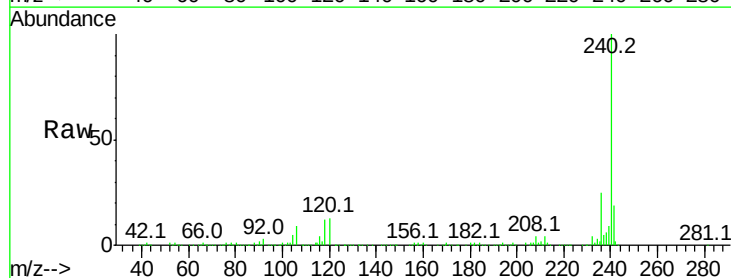


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

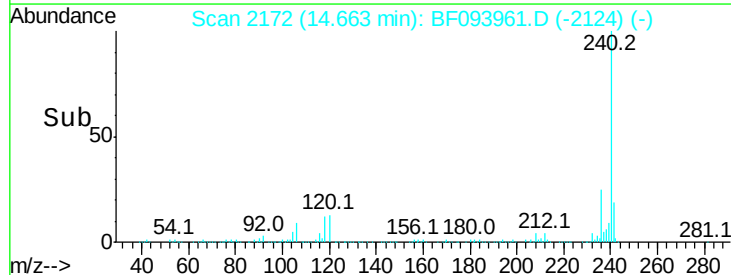
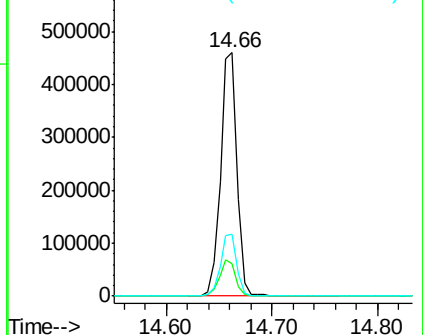


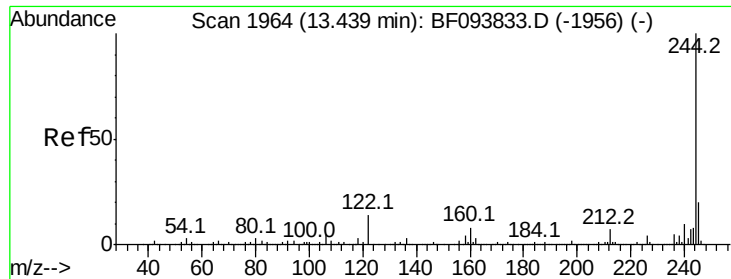
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2172
 Delta R.T. -0.02 min
 Lab File: BF093961.D
 Acq: 28 Mar 2017 00:09

Tgt Ion:240 Resp: 500890
 Ion Ratio Lower Upper
 240 100
 120 13.3 5.8 8.8#
 236 25.2 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: 78.53 ng

RT: 13.40 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BF093961.D

Acq: 28 Mar 2017 00:09

Instrument :

BNA_F

ClientSampleId :

FIELDBLANK-3-24-17

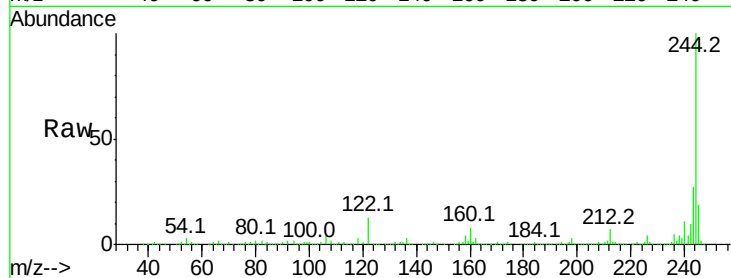
Tot Ion:244 Resp: 1754782

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

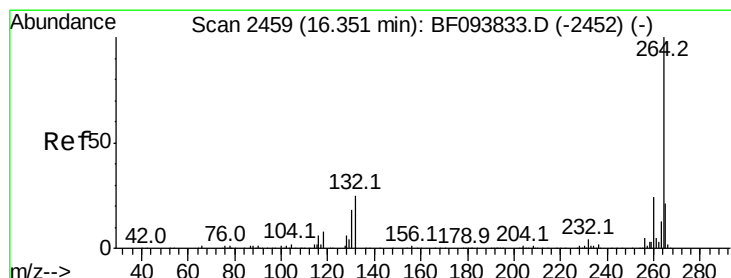
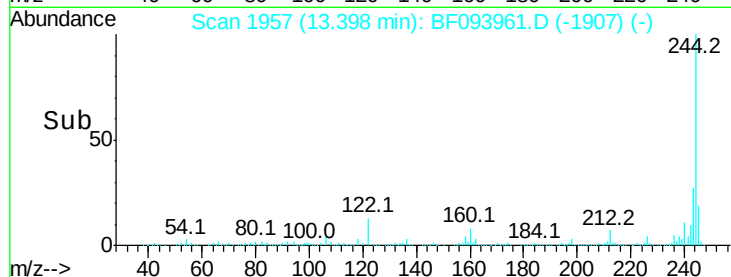
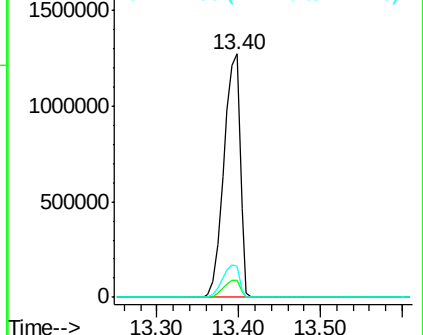
122 12.6 10.3 15.5



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: 20.00 ng

RT: 16.29 min Scan# 2449

Delta R.T. -0.02 min

Lab File: BF093961.D

Acq: 28 Mar 2017 00:09

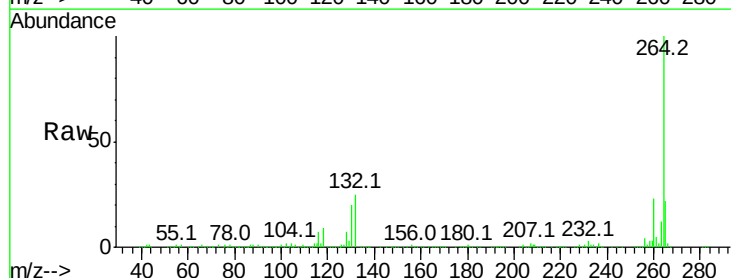
Tgt Ion:264 Resp: 366296

Ion Ratio Lower Upper

264 100

260 23.2 19.5 29.3

265 21.7 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

