

Data Path : Z:\HPCHEM1\BNA F\DATA\BF032717\
 Data File : BF093963.D
 Acq On : 28 Mar 2017 1:04
 Operator : SJ/MA
 Sample : I2409-10
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

Quant Time: Mar 28 04:44:45 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

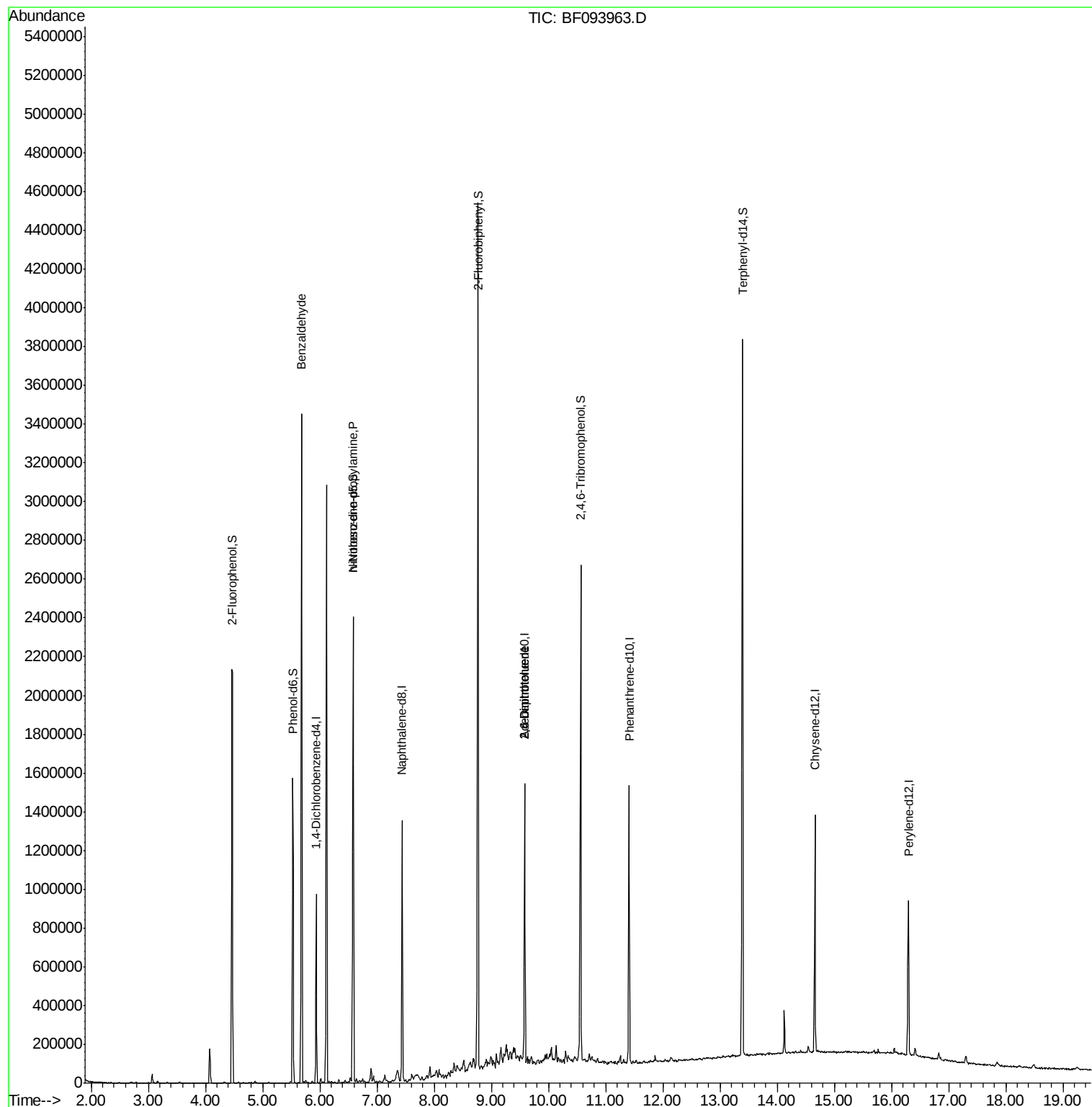
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	5.93	152	165986	20.00	ng	-0.02
21) Naphthalene-d8	7.44	136	675457	20.00	ng	-0.02
38) Acenaphthene-d10	9.59	164	315611	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	558629	20.00	ng	-0.01
75) Chrysene-d12	14.66	240	465829	20.00	ng	-0.02
86) Perylene-d12	16.30	264	336560	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	4.47	112	664684	67.64	ng	0.00
7) Phenol-d6	5.53	99	568945	46.80	ng	-0.02
23) Nitrobenzene-d5	6.59	82	1001182	84.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	386514	154.98	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1800934	87.03	ng	-0.01
78) Terphenyl-d14	13.40	244	1530350	73.64	ng	0.00
Target Compounds						
9) Benzaldehyde	5.68	77	23715	2.89	ng	# 80
19) n-Nitroso-di-n-propylamine	6.59	70	134220	17.18	ng	# 78
50) 2,6-Dinitrotoluene	9.59	165	41570	8.08	ng	# 35
56) 2,4-Dinitrotoluene	9.59	165	41332	6.40	ng	# 34

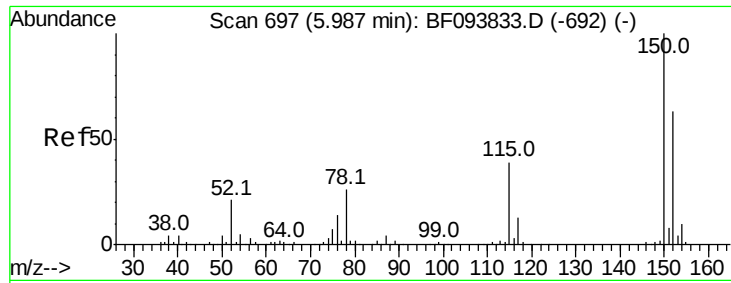
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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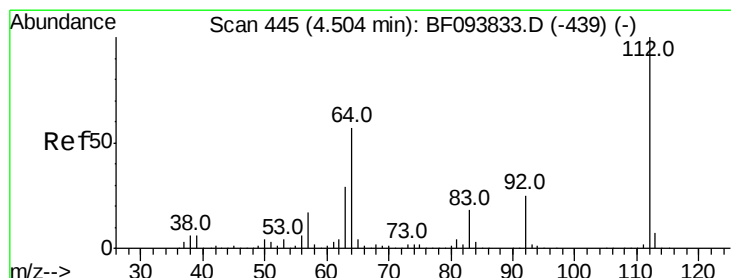
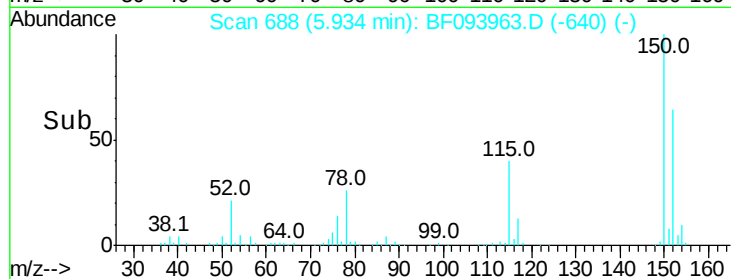
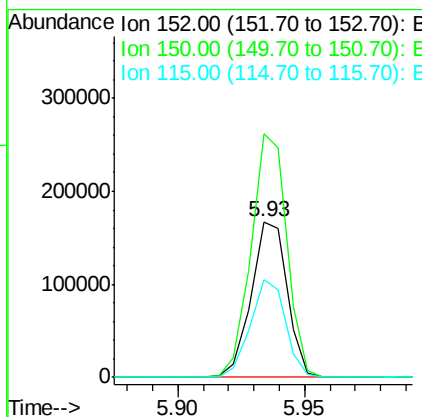
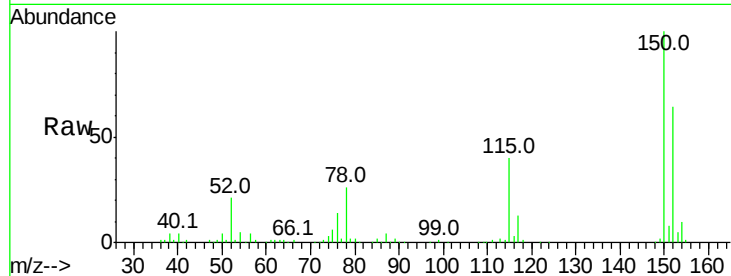


#1

1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 5.93 min Scan# 688
 Delta R.T. -0.02 min
 Lab File: BF093963.D
 Acq: 28 Mar 2017 1:04

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

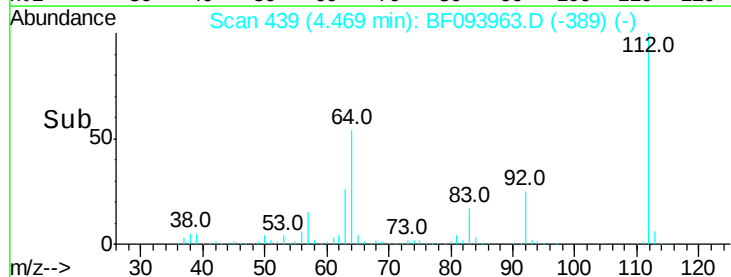
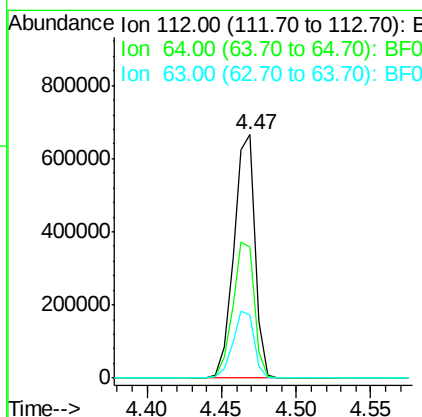
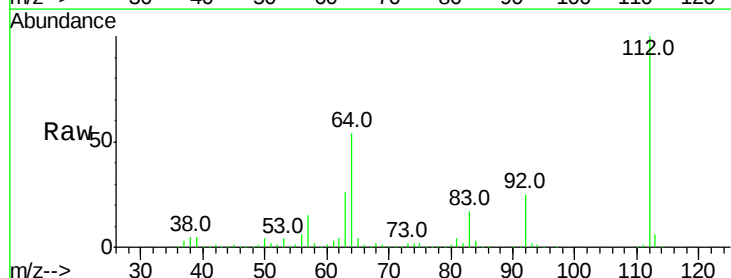
Tot Ion:152 Resp: 165986
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.2 189.2
 115 62.7 52.2 78.2

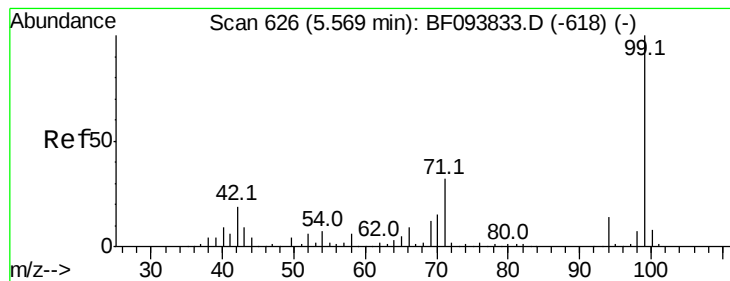


#5

2-Fluorophenol
 Concen: 67.64 ng
 RT: 4.47 min Scan# 439
 Delta R.T. -0.01 min
 Lab File: BF093963.D
 Acq: 28 Mar 2017 1:04

Tgt Ion:112 Resp: 664684
 Ion Ratio Lower Upper
 112 100
 64 53.6 46.0 69.0
 63 26.2 23.4 35.0





#7

Phenol-d6

Concen: 46.80 ng

RT: 5.53 min Scan# 619

Delta R.T. -0.02 min

Lab File: BF093963.D

Acq: 28 Mar 2017 1:04

Instrument :

BNA_F

ClientSampled :

PZ-6

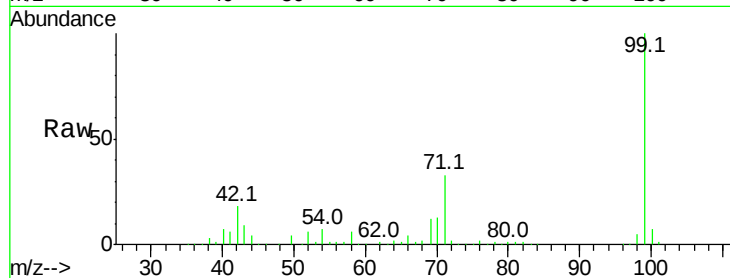
Tot Ion: 99 Resp: 568945

Ion Ratio Lower Upper

99 100

42 17.8 13.5 20.3

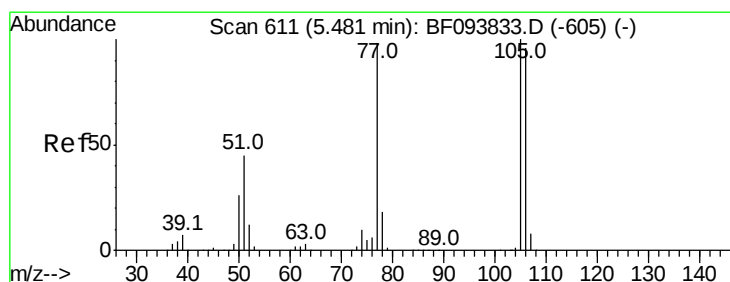
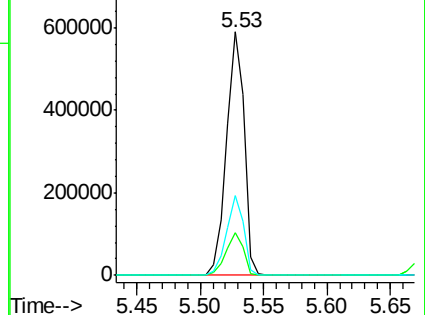
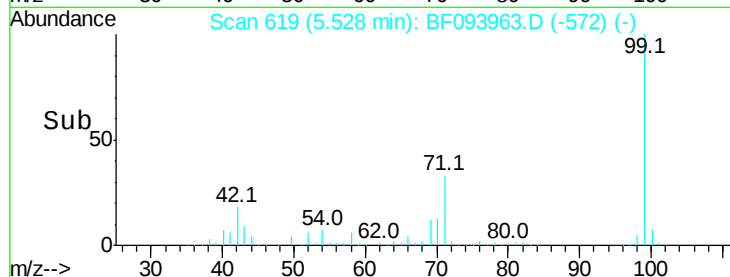
71 32.5 24.5 36.7



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: 2.89 ng

RT: 5.68 min Scan# 645

Delta R.T. 0.24 min

Lab File: BF093963.D

Acq: 28 Mar 2017 1:04

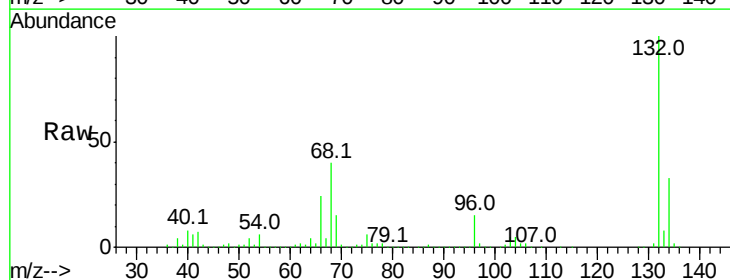
Tgt Ion: 77 Resp: 23715

Ion Ratio Lower Upper

77 100

105 85.6 83.8 123.8

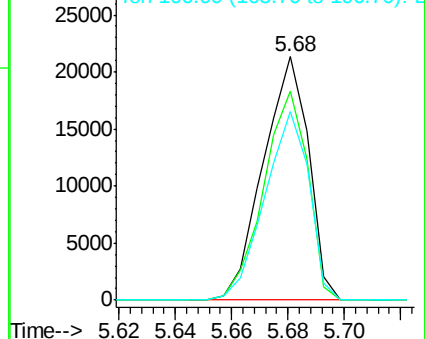
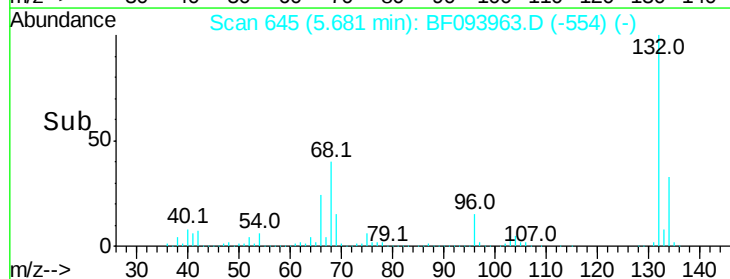
106 77.6 79.1 119.1#

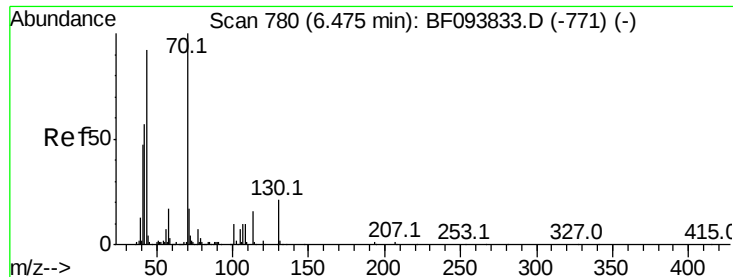


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E

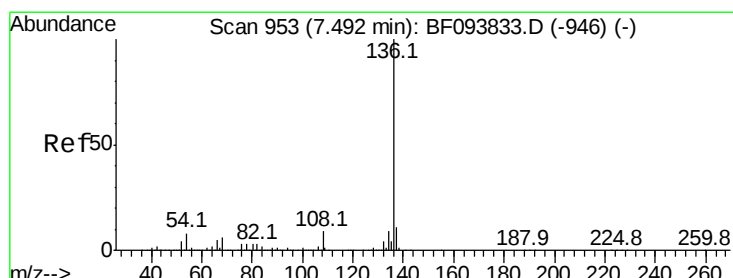
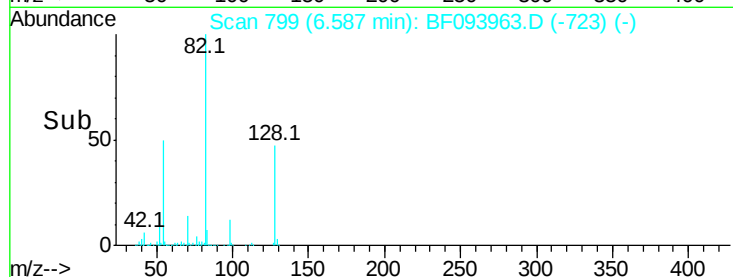
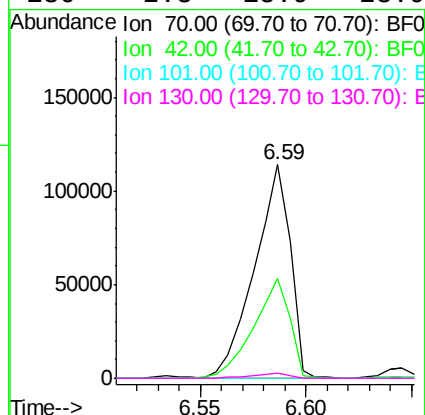
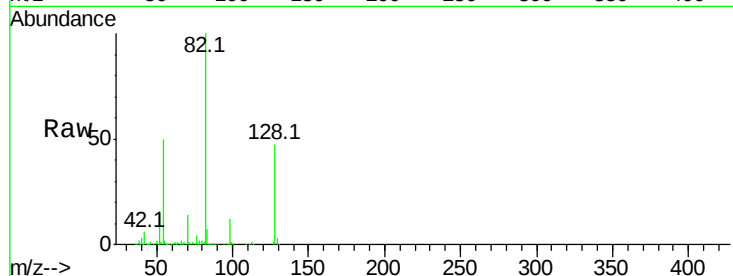




#19
n-Nitroso-di-n-propylamine
Concen: 17.18 ng
RT: 6.59 min Scan# 799
Delta R.T. 0.15 min
Lab File: BF093963.D
Acq: 28 Mar 2017 1:04

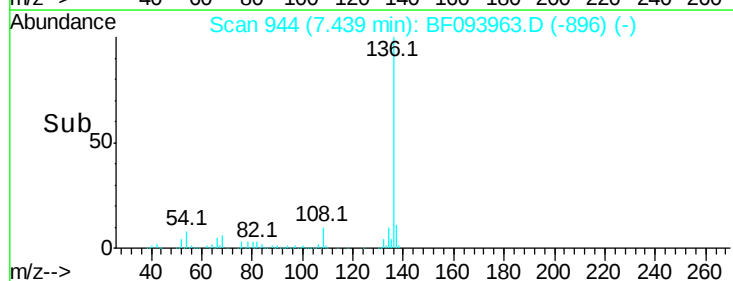
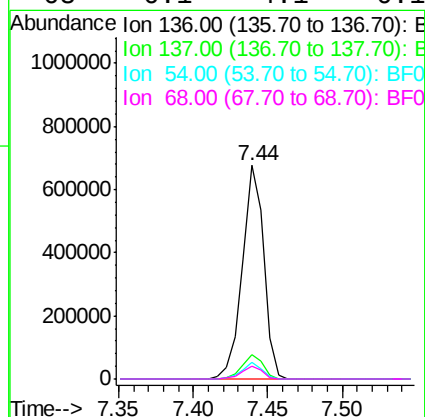
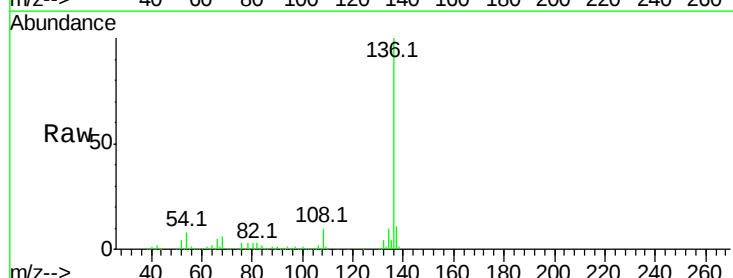
Instrument :
BNA_F
ClientSampleId :
PZ-6

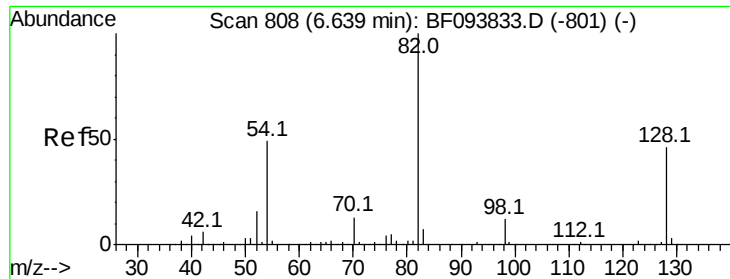
Tot Ion: 70 Resp: 134220
Ion Ratio Lower Upper
70 100
42 46.8 47.2 70.8#
101 0.0 7.2 10.8#
130 2.3 15.9 23.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.44 min Scan# 944
Delta R.T. -0.02 min
Lab File: BF093963.D
Acq: 28 Mar 2017 1:04

Tgt Ion: 136 Resp: 675457
Ion Ratio Lower Upper
136 100
137 11.4 8.5 12.7
54 7.9 4.9 7.3#
68 6.1 4.1 6.1

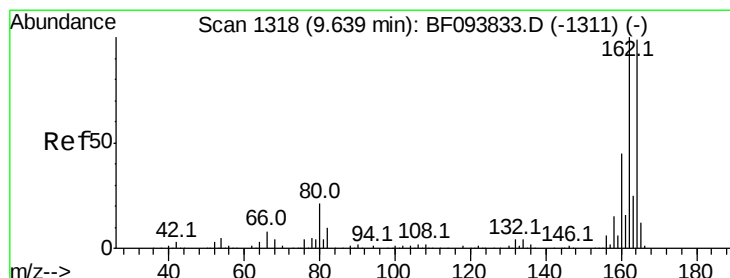
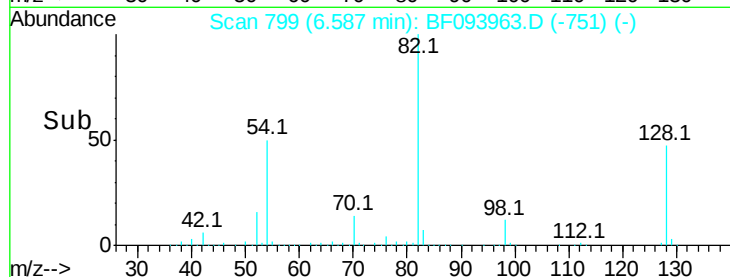
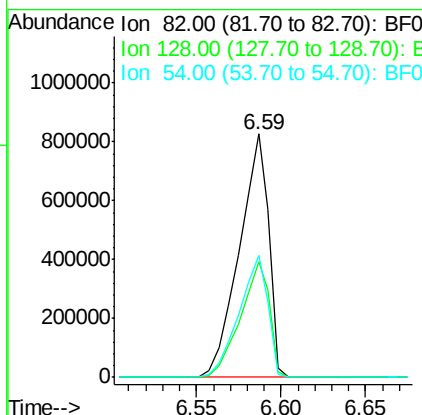
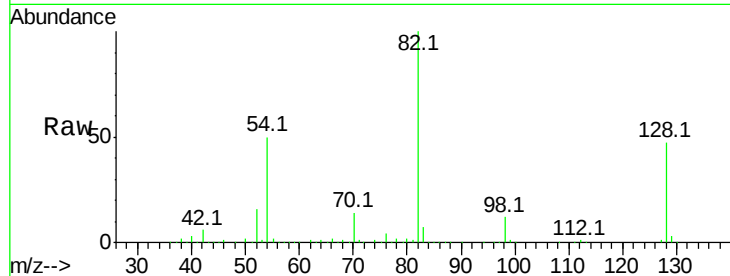




#23
 Nitrobenzene-d5
 Concen: 84.59 ng
 RT: 6.59 min Scan# 799
 Delta R.T. -0.02 min
 Lab File: BF093963.D
 Acq: 28 Mar 2017 1:04

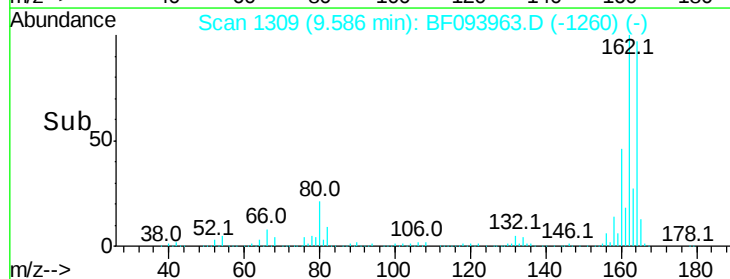
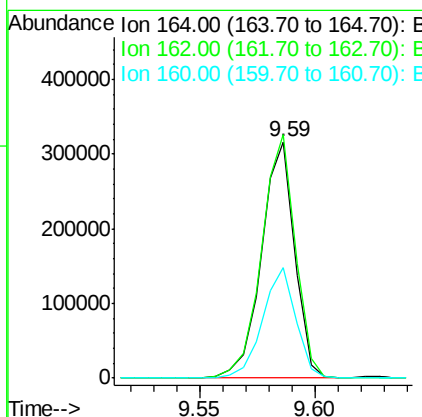
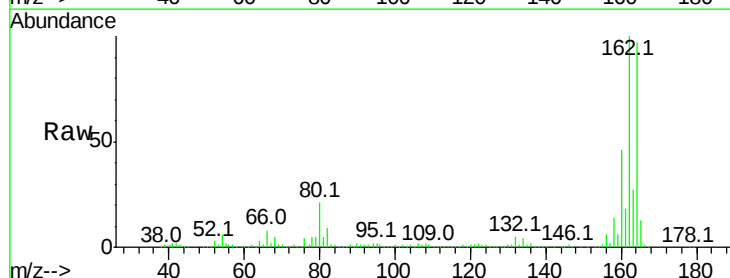
Instrument :
 BNA_F
 ClientSampled :
 PZ-6

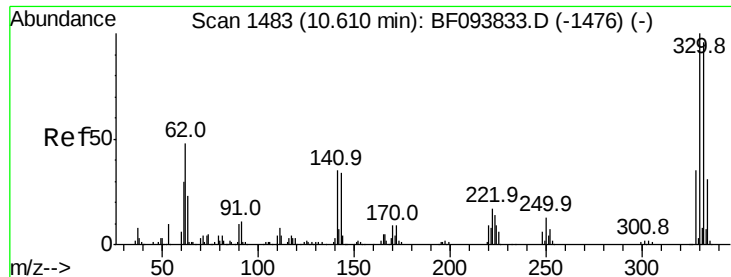
Tot Ion: 82 Resp: 1001182
 Ion Ratio Lower Upper
 82 100
 128 47.3 34.0 51.0
 54 50.1 42.2 63.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.01 min
 Lab File: BF093963.D
 Acq: 28 Mar 2017 1:04

Tgt Ion:164 Resp: 315611
 Ion Ratio Lower Upper
 164 100
 162 103.2 82.6 123.8
 160 47.0 36.2 54.2

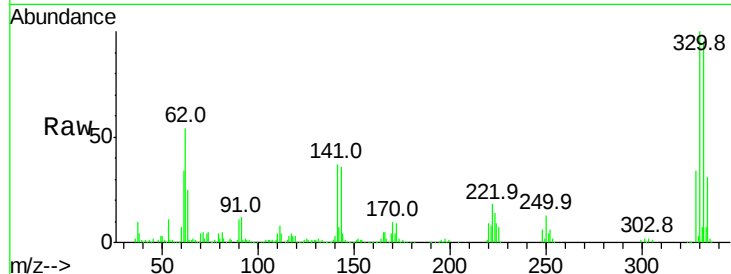




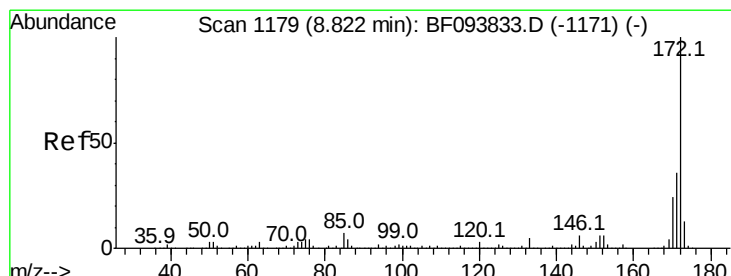
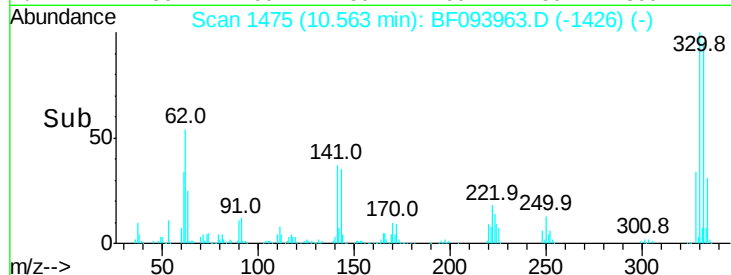
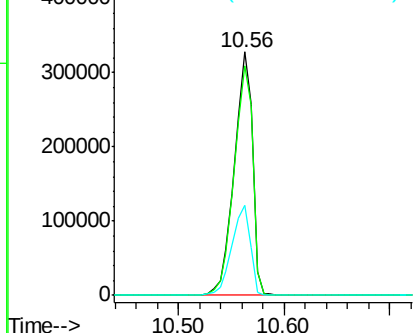
#41
 2,4,6-Tribromophenol
 Concen: 154.98 ng
 RT: 10.56 min Scan# 1475
 Delta R.T. -0.01 min
 Lab File: BF093963.D
 Acq: 28 Mar 2017 1:04

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

Tot Ion:330 Resp: 386514
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.6 115.0
 141 37.5 31.4 47.2

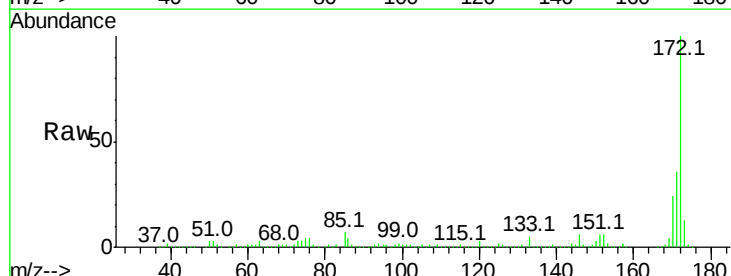


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

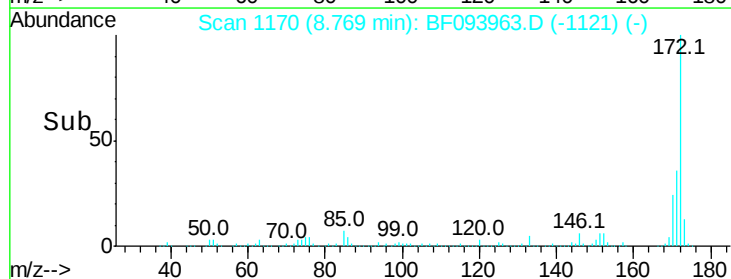
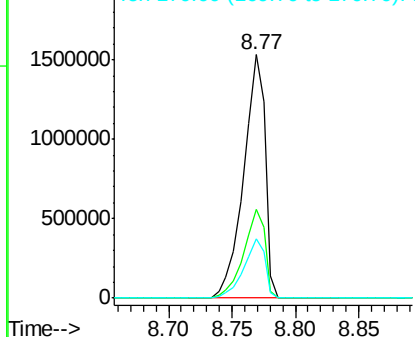


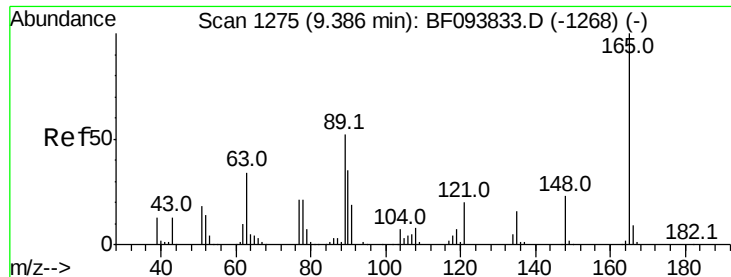
#44
 2-Fluorobiphenyl
 Concen: 87.03 ng
 RT: 8.77 min Scan# 1170
 Delta R.T. -0.01 min
 Lab File: BF093963.D
 Acq: 28 Mar 2017 1:04

Tgt Ion:172 Resp: 1800934
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.6 44.4
 170 24.3 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

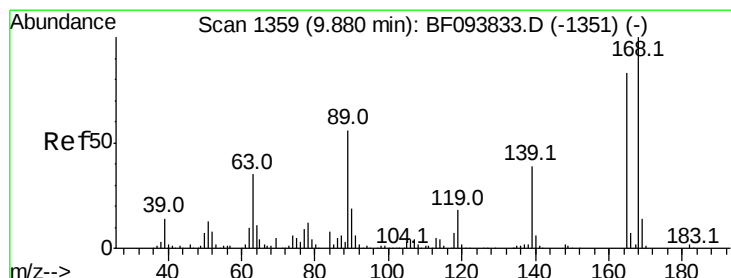
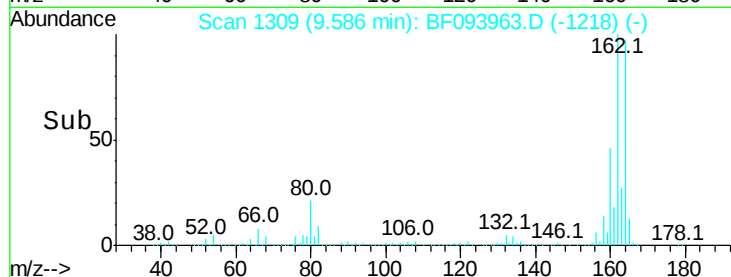
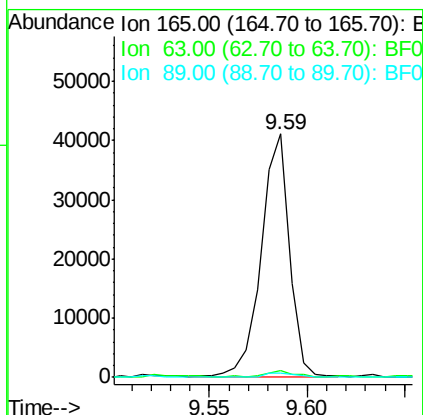
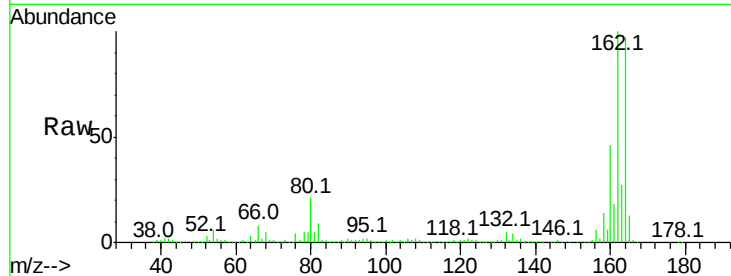




#50
 2,6-Dinitrotoluene
 Concen: 8.08 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. 0.24 min
 Lab File: BF093963.D
 Acq: 28 Mar 2017 1:04

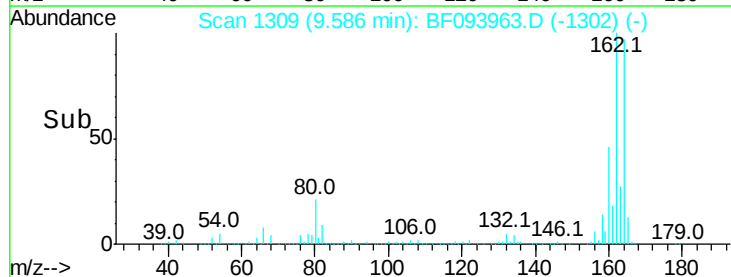
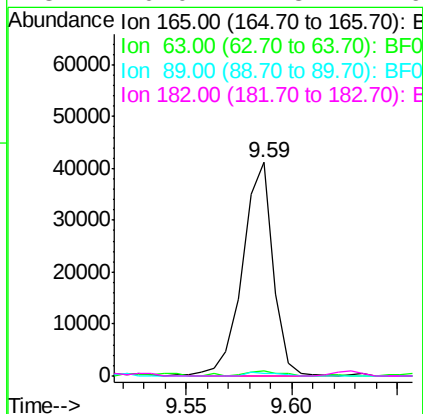
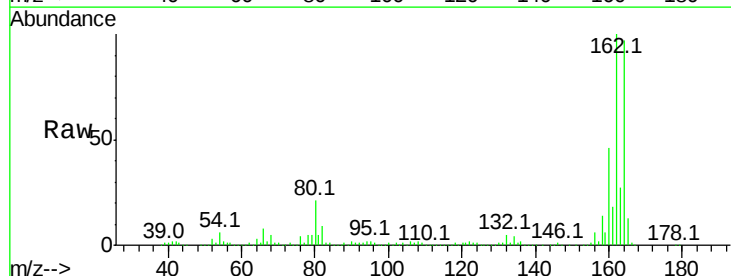
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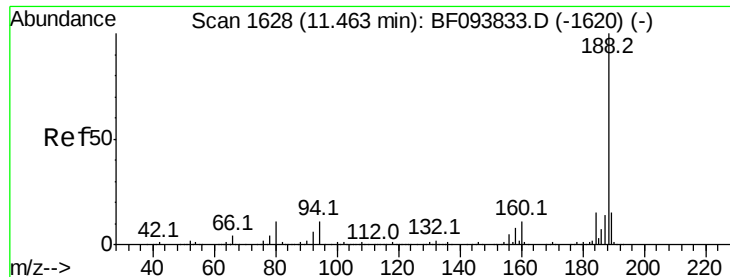
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	34.3	51.5#
89	1.5	37.1	55.7#



#56
 2,4-Dinitrotoluene
 Concen: 6.40 ng
 RT: 9.59 min Scan# 1309
 Delta R.T. -0.26 min
 Lab File: BF093963.D
 Acq: 28 Mar 2017 1:04

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	25.4	38.0#
89	1.5	46.4	69.6#
182	0.0	1.8	2.6#

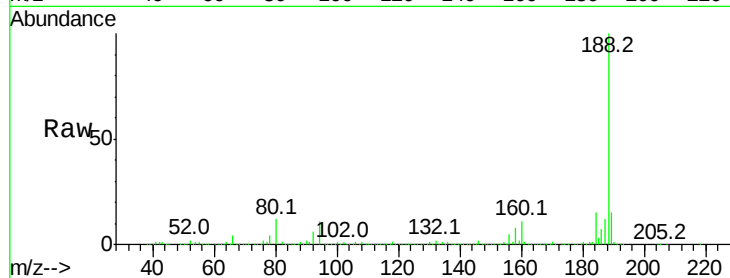




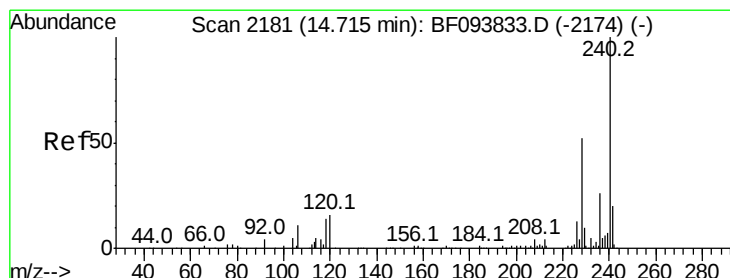
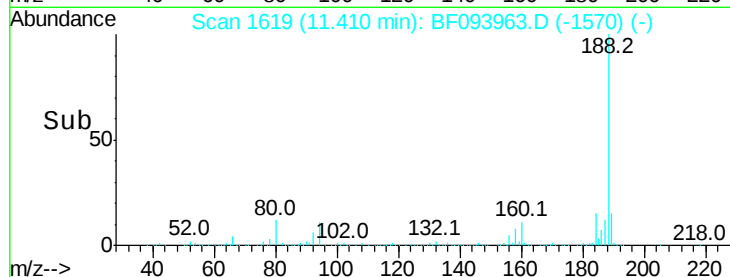
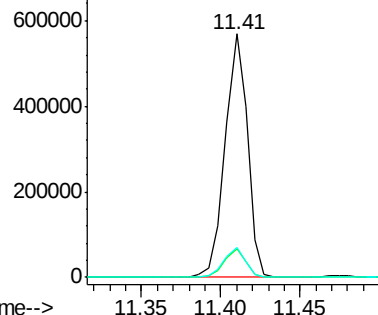
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.41 min Scan# 1619
Delta R.T. -0.01 min
Lab File: BF093963.D
Acq: 28 Mar 2017 1:04

Instrument :
BNA_F
ClientSampleId :
PZ-6

Tot Ion:188 Resp: 558629
Ion Ratio Lower Upper
188 100
94 11.5 9.4 14.2
80 12.1 10.2 15.2

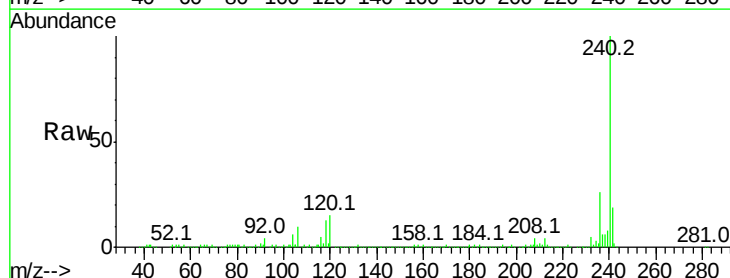


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

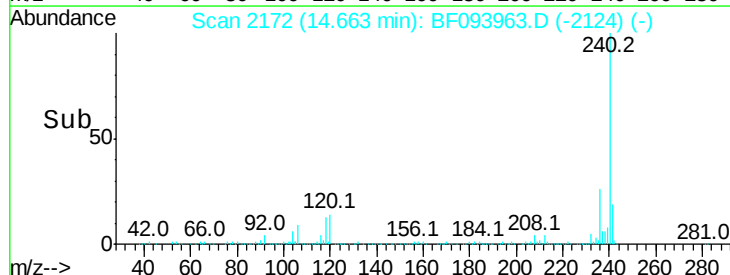
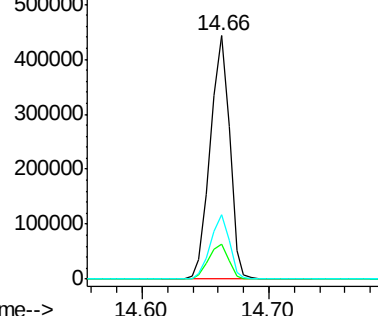


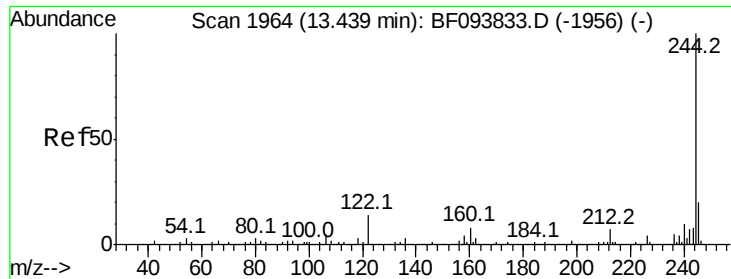
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.66 min Scan# 2172
Delta R.T. -0.02 min
Lab File: BF093963.D
Acq: 28 Mar 2017 1:04

Tgt Ion:240 Resp: 465829
Ion Ratio Lower Upper
240 100
120 14.5 5.8 8.8#
236 26.2 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

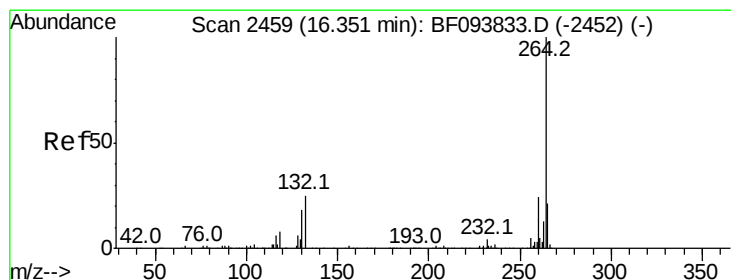
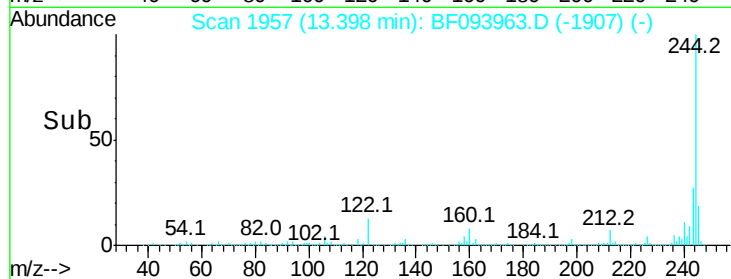
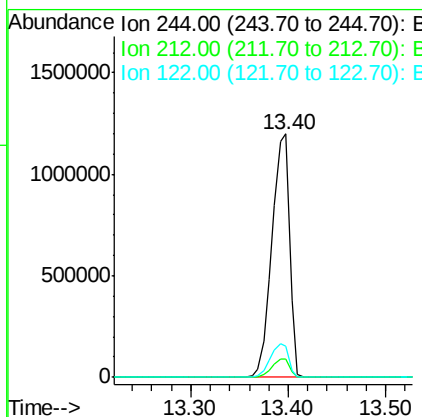
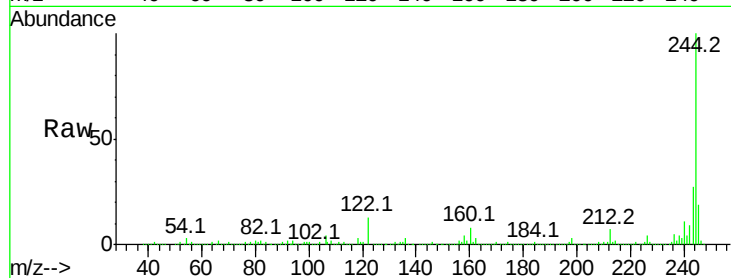




#78
 Terphenyl-d14
 Concen: 73.64 ng
 RT: 13.40 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BF093963.D
 Acq: 28 Mar 2017 1:04

Instrument :
 BNA_F
 ClientSampleId :
 PZ-6

Tot Ion:244 Resp: 1530350
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 12.8 10.3 15.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.30 min Scan# 2450
 Delta R.T. -0.01 min
 Lab File: BF093963.D
 Acq: 28 Mar 2017 1:04

Tgt Ion:264 Resp: 336560
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.5 29.3
 265 21.5 17.2 25.8

