

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF031317\
 Data File : BF093607.D
 Acq On : 13 Mar 2017 15:13
 Operator : SJ/MA
 Sample : PB97540TB
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97540TB

Quant Time: Mar 14 01:02:28 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

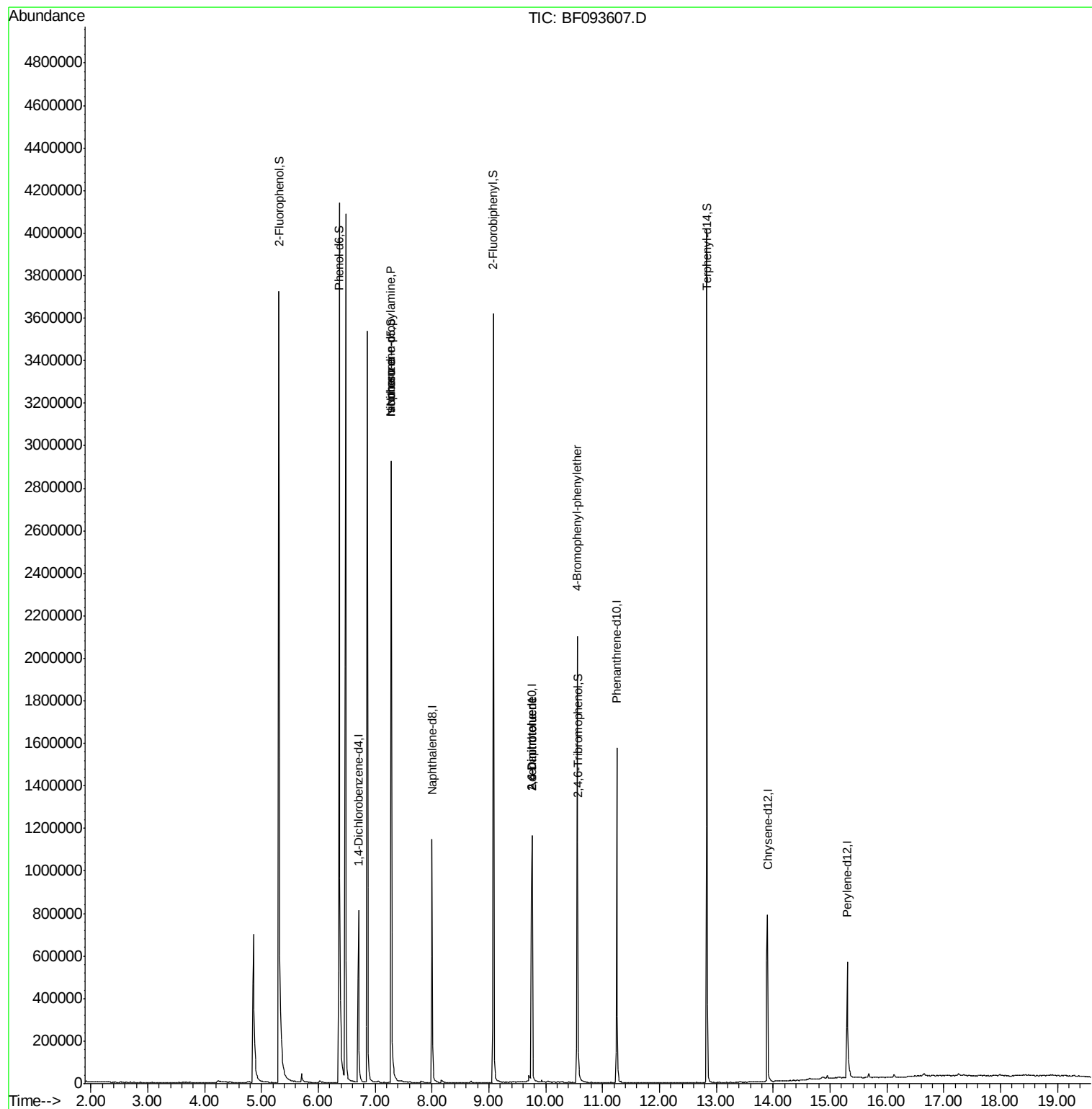
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.71	152	166502	20.00	ng	-0.01
21) Naphthalene-d8	8.00	136	661263	20.00	ng	-0.01
38) Acenaphthene-d10	9.76	164	312473	20.00	ng	0.00
63) Phenanthrene-d10	11.25	188	594547	20.00	ng	0.00
75) Chrysene-d12	13.90	240	401814	20.00	ng	0.01
86) Perylene-d12	15.31	264	282981	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1324866	132.43	ng	-0.01
7) Phenol-d6	6.37	99	1585221	125.66	ng	-0.01
23) Nitrobenzene-d5	7.28	82	1005590	84.38	ng	-0.02
41) 2,4,6-Tribromophenol	10.56	330	289797	142.35	ng	0.01
44) 2-Fluorobiphenyl	9.08	172	1579928	94.05	ng	-0.01
78) Terphenyl-d14	12.84	244	1249977	80.88	ng	0.01
Target Compounds						
9) Benzaldehyde	6.37	77	2007	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.28	70	131521	15.16	ng	# 83
25) Isophorone	7.28	82	966793	40.23	ng	# 65
50) 2,6-Dinitrotoluene	9.76	165	38945	8.57	ng	# 32
56) 2,4-Dinitrotoluene	9.76	165	38947	6.97	ng	# 21
66) 4-Bromophenyl-phenylether	10.55	248	19883	3.16	ng	# 1

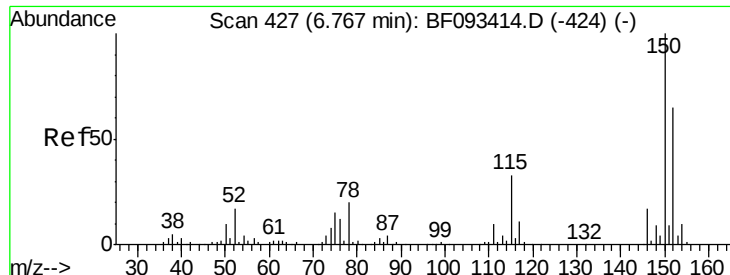
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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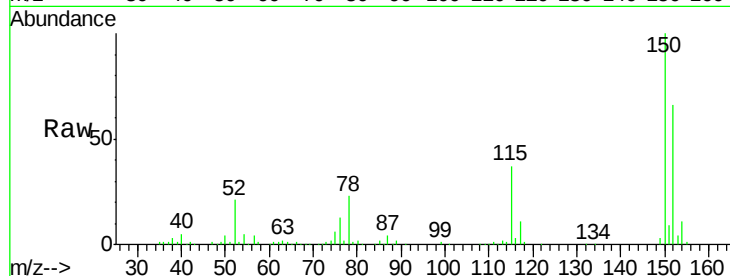


#1

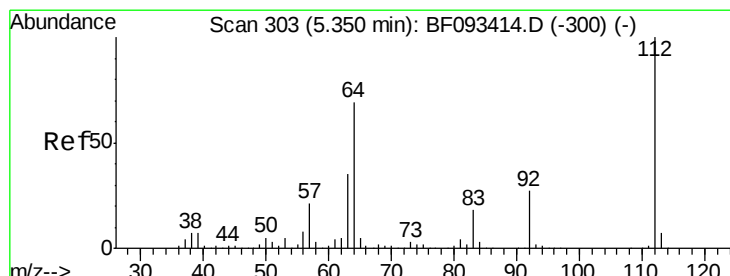
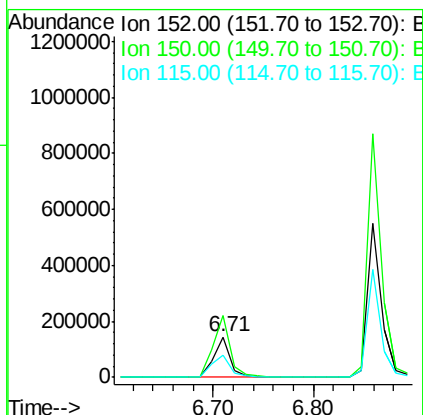
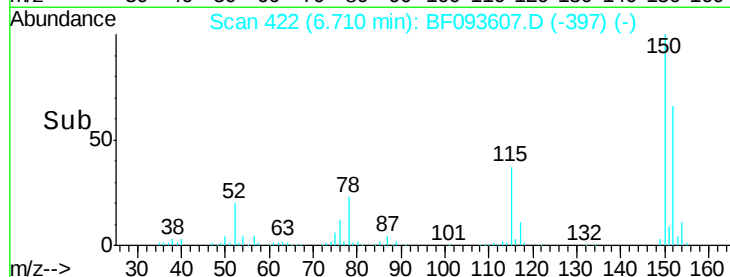
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.71 min Scan# 422
Delta R.T. -0.01 min
Lab File: BF093607.D
Acq: 13 Mar 2017 15:13

Instrument :
BNA_F
ClientSampleId :
PB97540TB

Tgt Ion:152 Resp: 166502
Ion Ratio Lower Upper
152 100
150 152.4 124.9 187.3
115 55.7 46.0 69.0



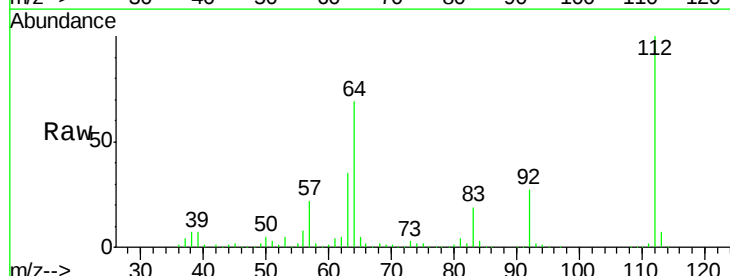
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



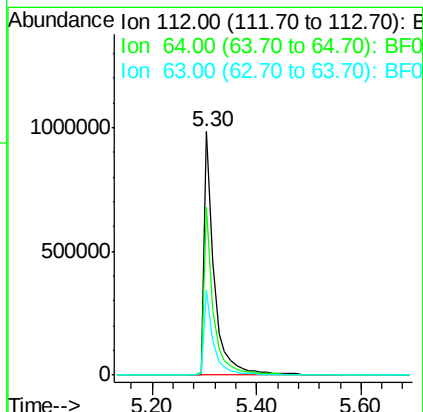
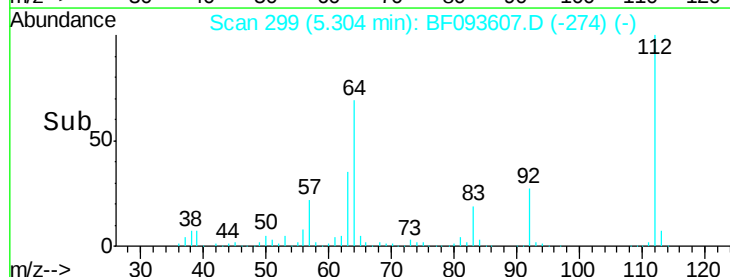
#5

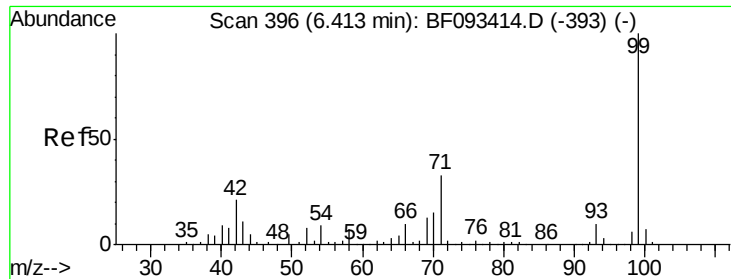
2-Fluorophenol
Concen: 132.43 ng
RT: 5.30 min Scan# 299
Delta R.T. -0.01 min
Lab File: BF093607.D
Acq: 13 Mar 2017 15:13

Tgt Ion:112 Resp: 1324866
Ion Ratio Lower Upper
112 100
64 69.2 46.1 69.1#
63 35.0 23.8 35.6



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: 125.66 ng

RT: 6.37 min Scan# 392

Delta R.T. -0.01 min

Lab File: BF093607.D

Acq: 13 Mar 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB97540TB

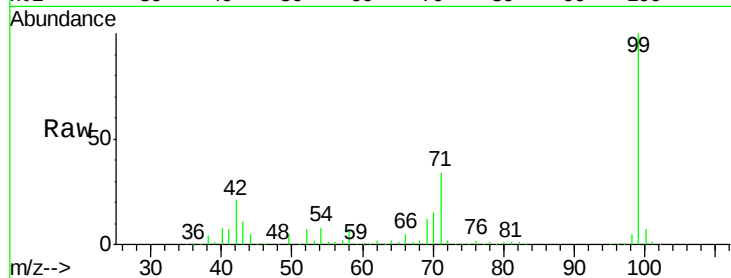
Tgt Ion: 99 Resp: 1585221

Ion Ratio Lower Upper

99 100

42 20.5 15.6 23.4

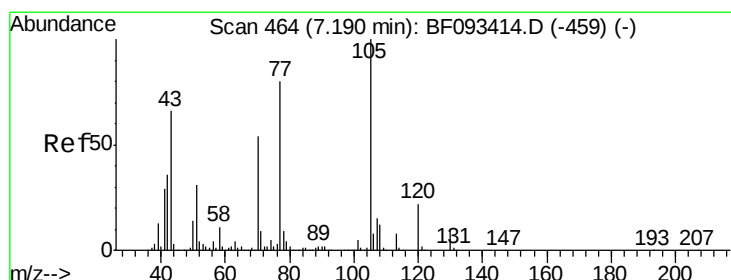
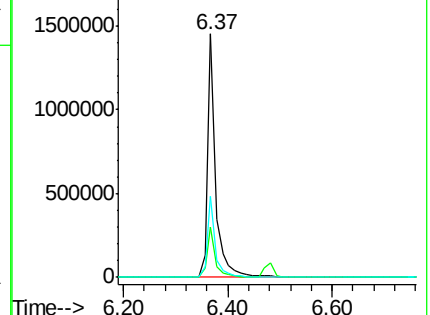
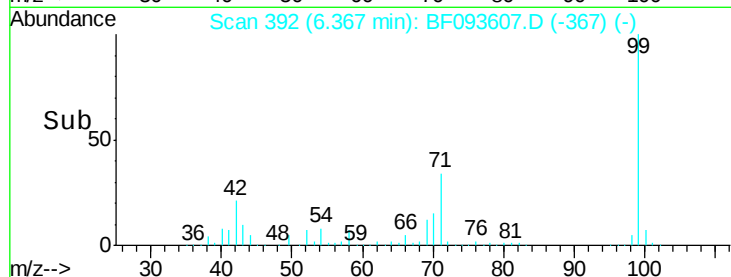
71 33.5 27.5 41.3



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: 15.16 ng

RT: 7.28 min Scan# 472

Delta R.T. 0.14 min

Lab File: BF093607.D

Acq: 13 Mar 2017 15:13

Tgt Ion: 70 Resp: 131521

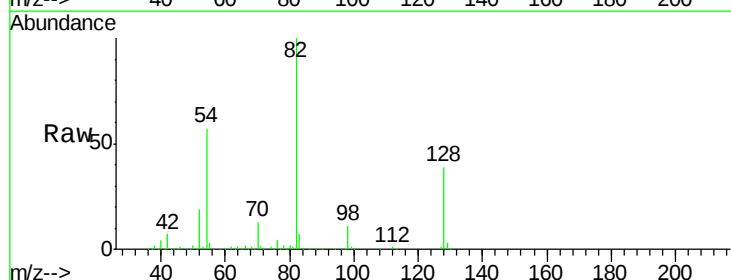
Ion Ratio Lower Upper

70 100

42 53.9 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

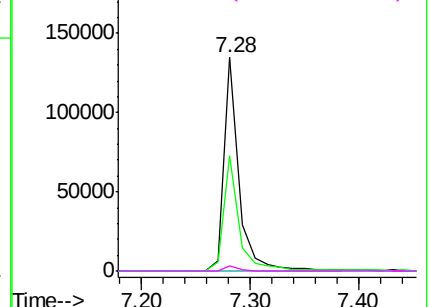
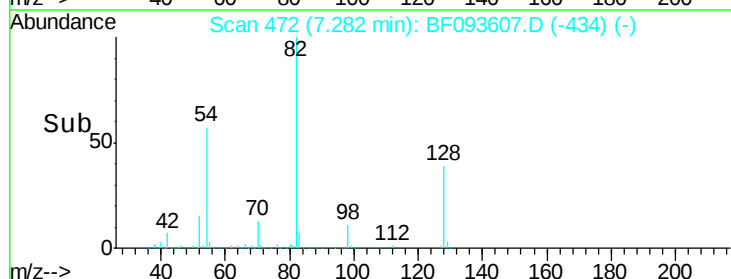


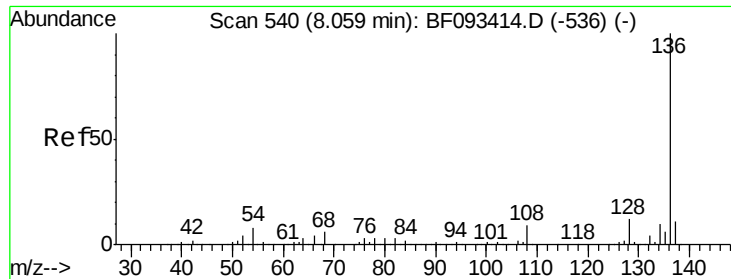
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

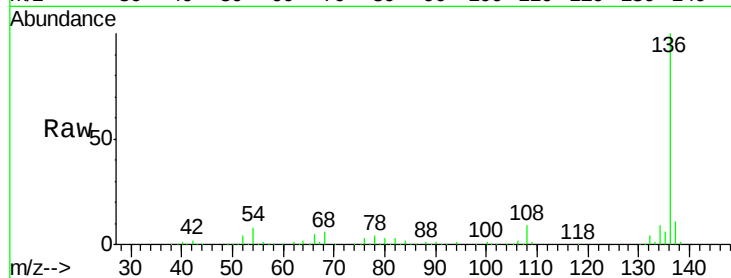




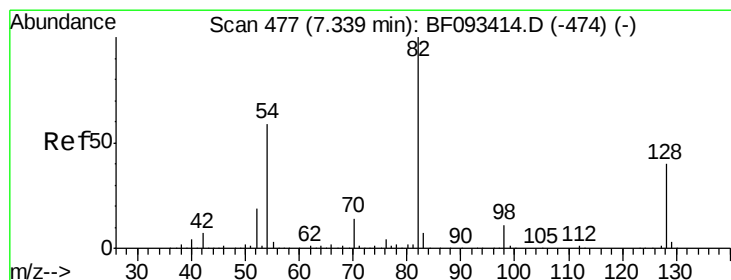
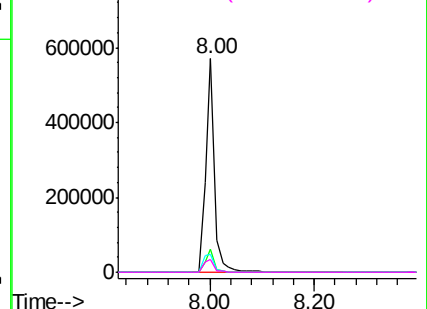
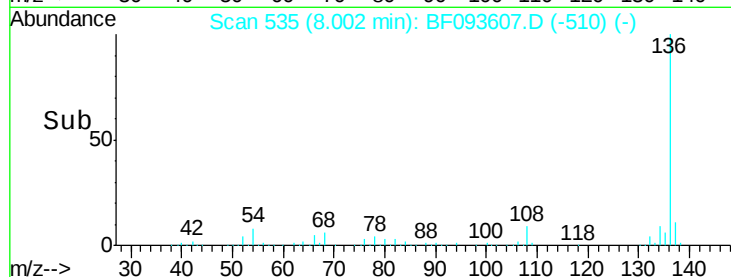
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.00 min Scan# 535
Delta R.T. -0.01 min
Lab File: BF093607.D
Acq: 13 Mar 2017 15:13

Instrument :
BNA_F
ClientSampleId :
PB97540TB

Tgt Ion:136 Resp: 661263
Ion Ratio Lower Upper
136 100
137 11.1 8.4 12.6
54 8.4 4.5 6.7#
68 6.2 3.6 5.4#

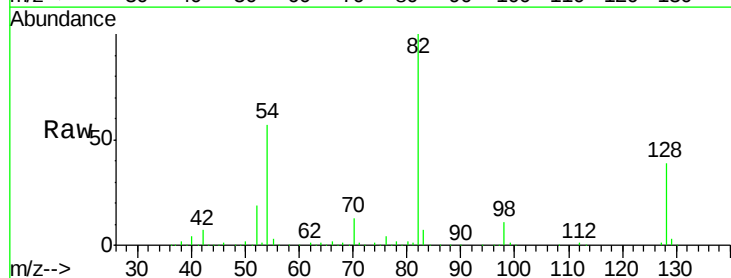


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

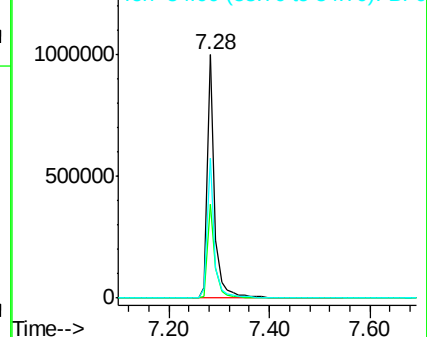
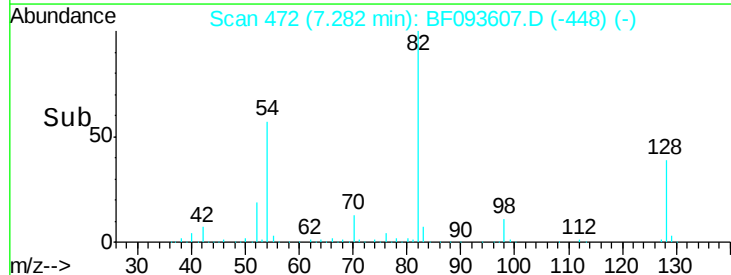


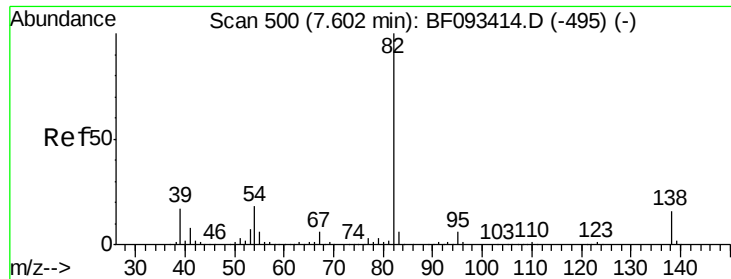
#23
Nitrobenzene-d5
Concen: 84.38 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.02 min
Lab File: BF093607.D
Acq: 13 Mar 2017 15:13

Tgt Ion: 82 Resp: 1005590
Ion Ratio Lower Upper
82 100
128 38.8 34.6 52.0
54 57.3 39.5 59.3



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

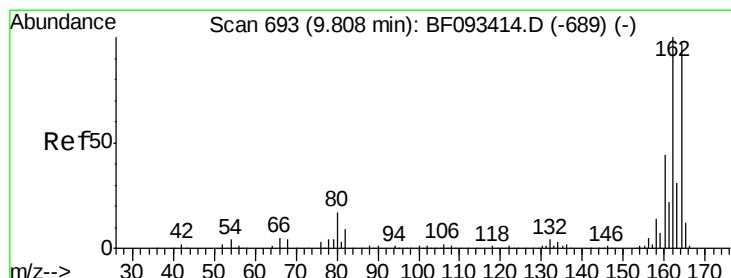
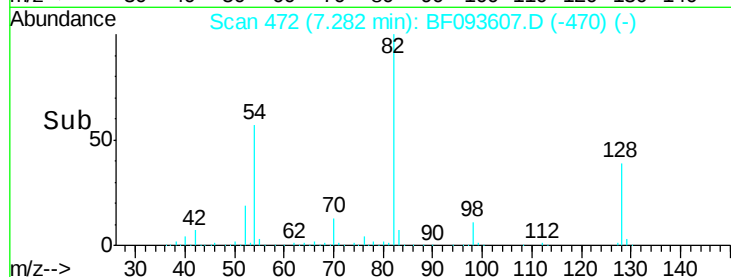
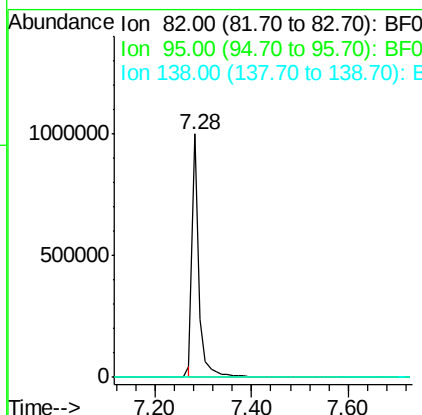
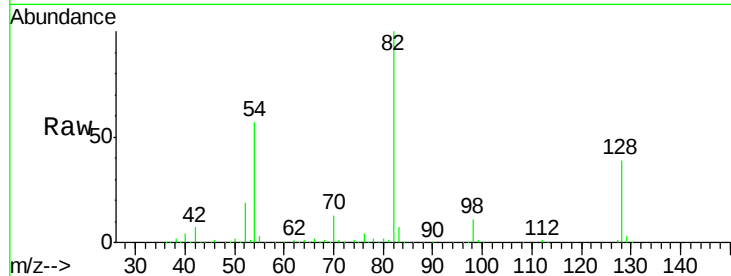




#25
Isophorone
Concen: 40.23 ng
RT: 7.28 min Scan# 472
Delta R.T. -0.27 min
Lab File: BF093607.D
Acq: 13 Mar 2017 15:13

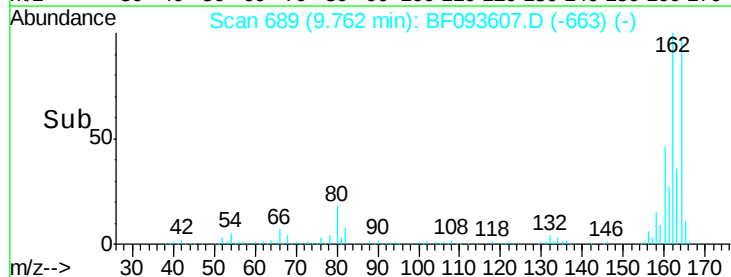
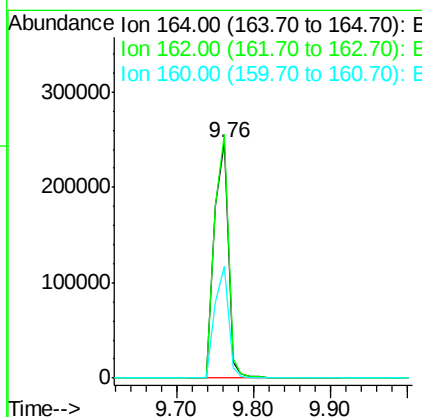
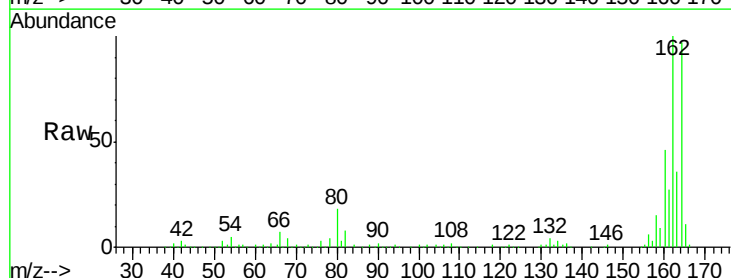
Instrument :
BNA_F
ClientSampleId :
PB97540TB

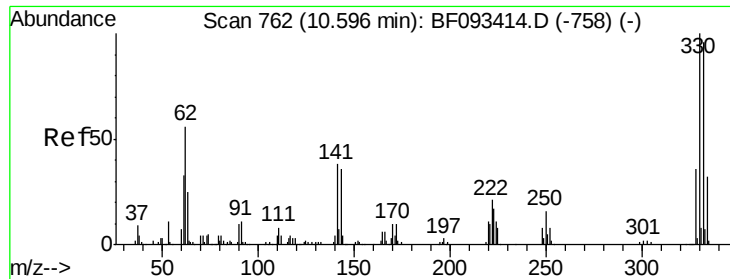
Tgt Ion: 82 Resp: 966793
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.76 min Scan# 689
Delta R.T. -0.00 min
Lab File: BF093607.D
Acq: 13 Mar 2017 15:13

Tgt Ion: 164 Resp: 312473
Ion Ratio Lower Upper
164 100
162 103.2 80.2 120.2
160 47.3 36.9 55.3

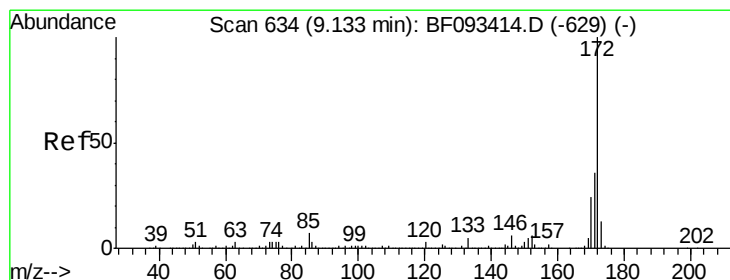
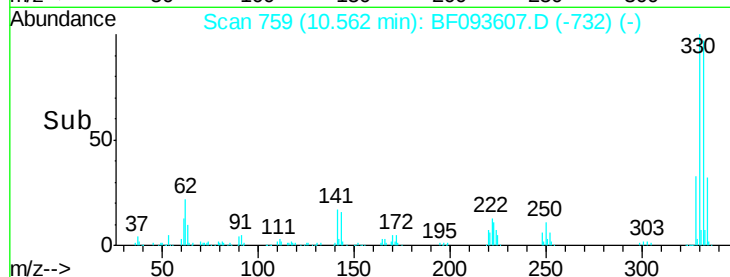
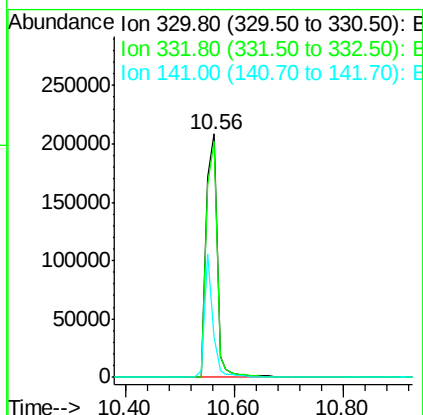
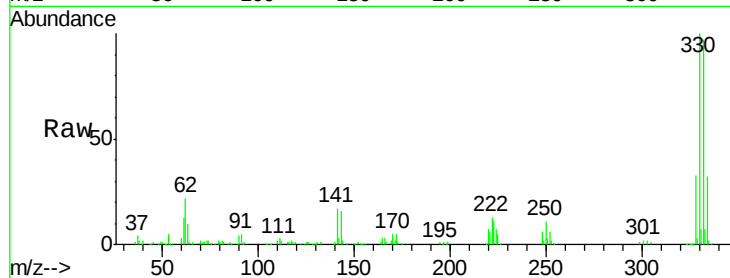




#41
 2,4,6-Tribromophenol
 Concen: 142.35 ng
 RT: 10.56 min Scan# 759
 Delta R.T. 0.01 min
 Lab File: BF093607.D
 Acq: 13 Mar 2017 15:13

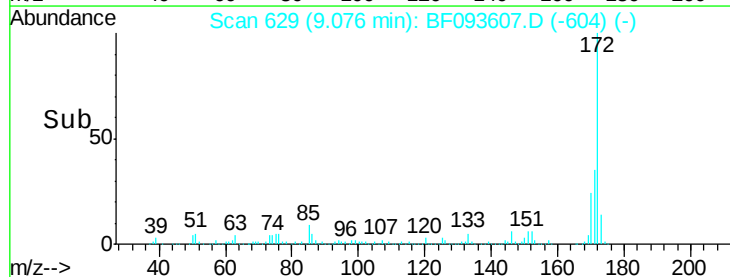
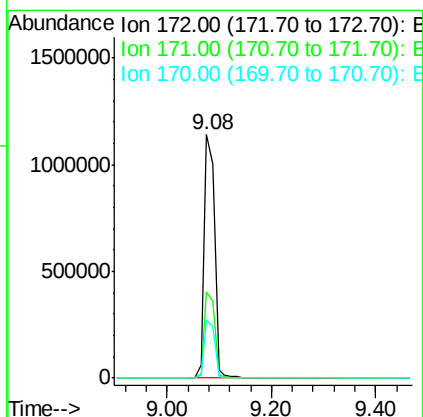
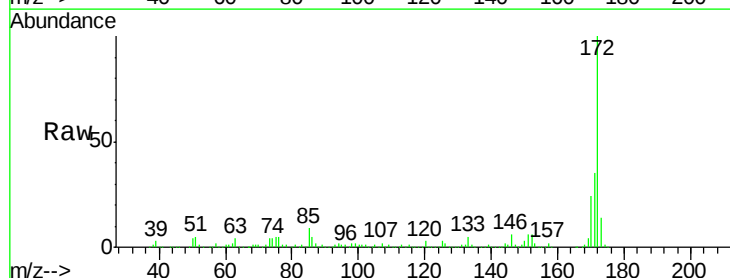
Instrument :
 BNA_F
 ClientSampled :
 PB97540TB

Tgt Ion:330 Resp: 289797
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 38.7 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 94.05 ng
 RT: 9.08 min Scan# 629
 Delta R.T. -0.01 min
 Lab File: BF093607.D
 Acq: 13 Mar 2017 15:13

Tgt Ion:172 Resp: 1579928
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 24.1 20.2 30.4

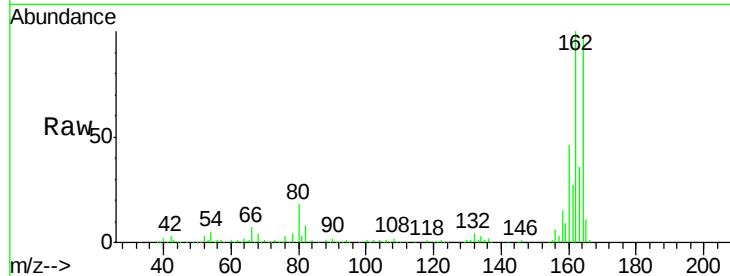




#50
 2,6-Dinitrotoluene
 Concen: 8.57 ng
 RT: 9.76 min Scan# 689
 Delta R.T. 0.19 min
 Lab File: BF093607.D
 Acq: 13 Mar 2017 15:13

Instrument :
 BNA_F
 ClientSampleId :
 PB97540TB

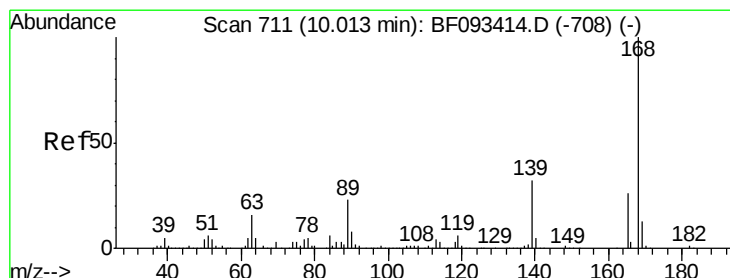
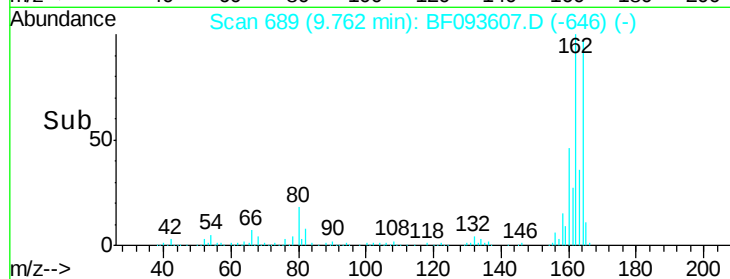
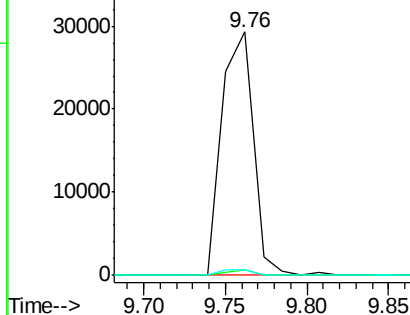
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	36.2	54.4#
89	2.1	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.97 ng
 RT: 9.76 min Scan# 689
 Delta R.T. -0.22 min
 Lab File: BF093607.D
 Acq: 13 Mar 2017 15:13

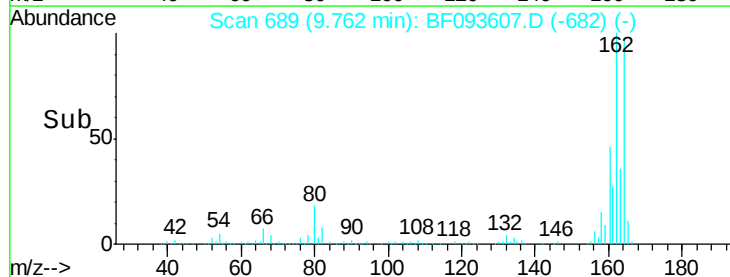
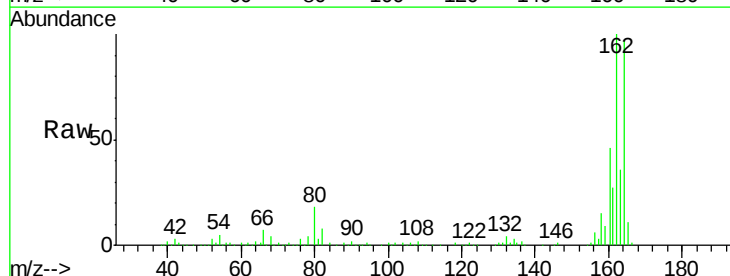
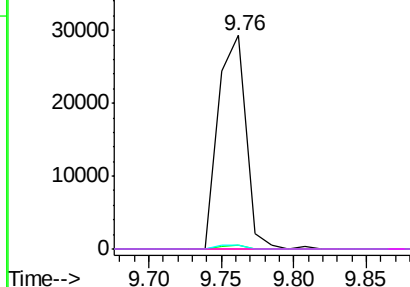
Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.1	40.2	60.4#
89	2.1	62.5	93.7#
182	0.0	1.8	2.8#

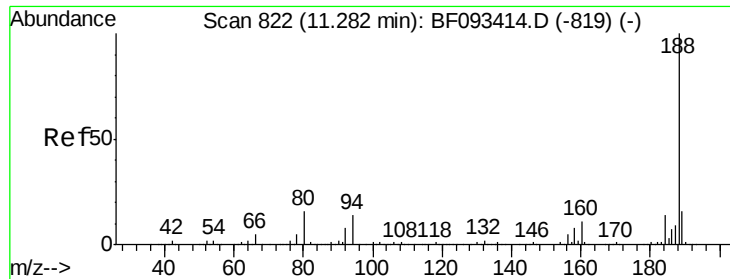
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E

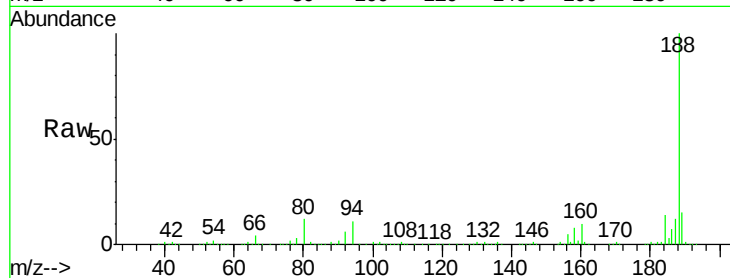




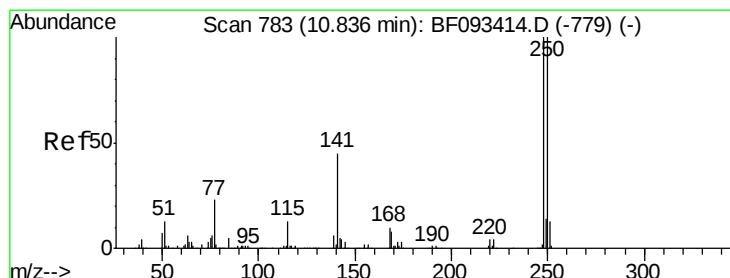
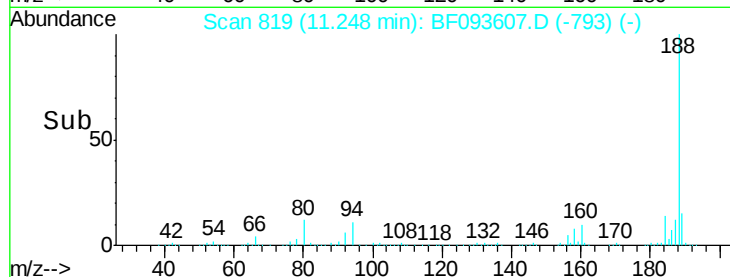
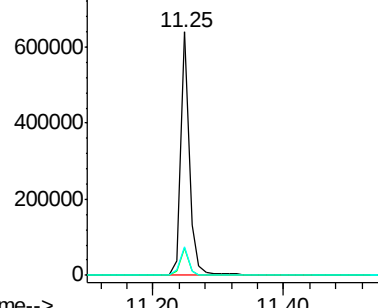
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.25 min Scan# 819
Delta R.T. -0.00 min
Lab File: BF093607.D
Acq: 13 Mar 2017 15:13

Instrument :
BNA_F
ClientSampleId :
PB97540TB

Tgt Ion:188 Resp: 594547
Ion Ratio Lower Upper
188 100
94 11.0 10.0 15.0
80 11.7 11.2 16.8

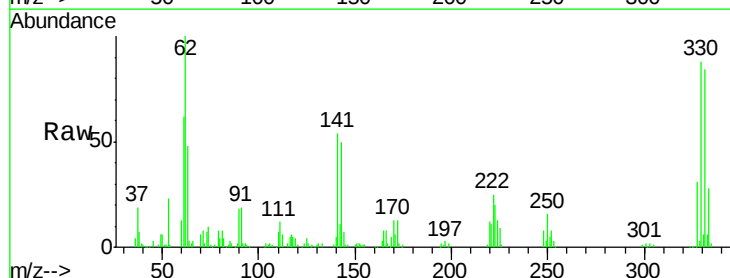


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

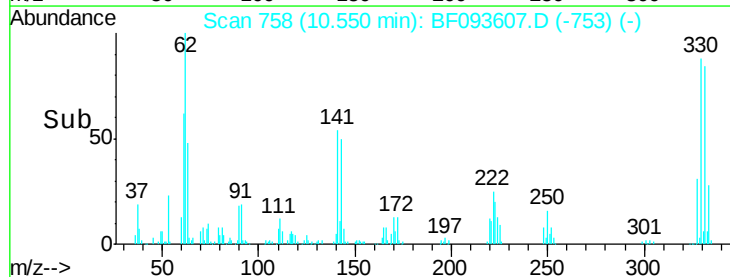
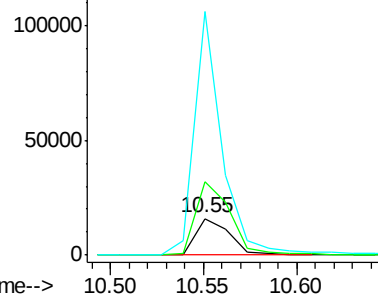


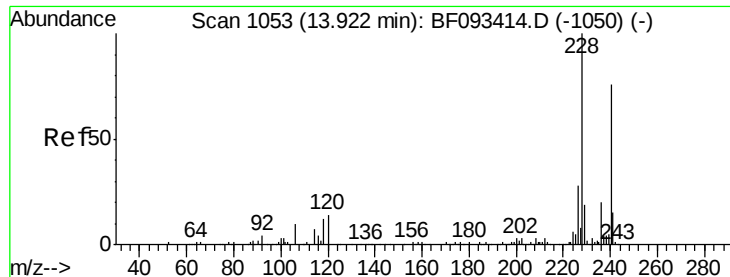
#66
4-Bromophenyl-phenylether
Concen: 3.16 ng
RT: 10.55 min Scan# 758
Delta R.T. -0.24 min
Lab File: BF093607.D
Acq: 13 Mar 2017 15:13

Tgt Ion:248 Resp: 19883
Ion Ratio Lower Upper
248 100
250 200.3 76.9 115.3#
141 669.0 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. 0.01 min

Lab File: BF093607.D

Acq: 13 Mar 2017 15:13

Instrument :

BNA_F

ClientSampleId :

PB97540TB

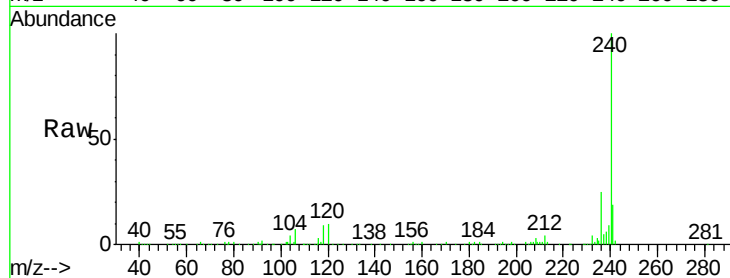
Tgt Ion:240 Resp: 401814

Ion Ratio Lower Upper

240 100

120 9.9 12.9 19.3#

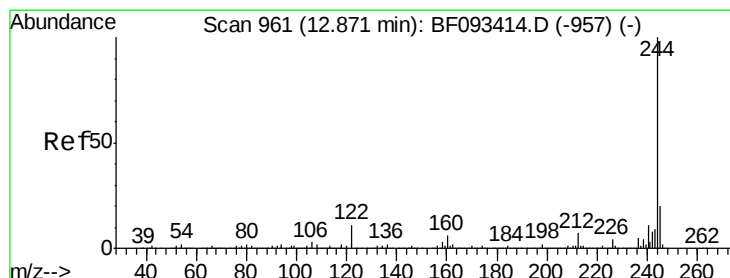
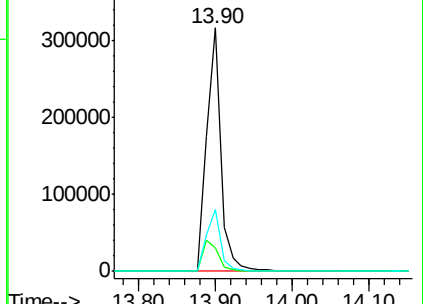
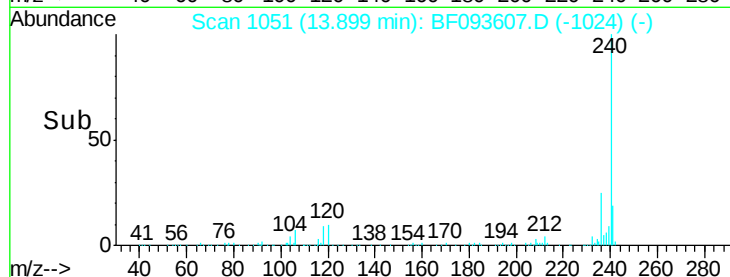
236 25.3 20.9 31.3



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: 80.88 ng

RT: 12.84 min Scan# 958

Delta R.T. 0.01 min

Lab File: BF093607.D

Acq: 13 Mar 2017 15:13

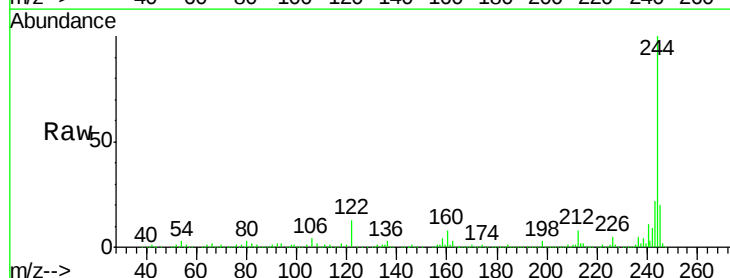
Tgt Ion:244 Resp: 1249977

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

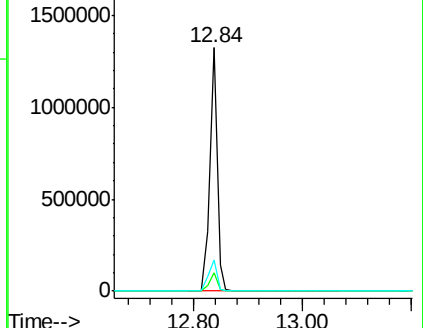
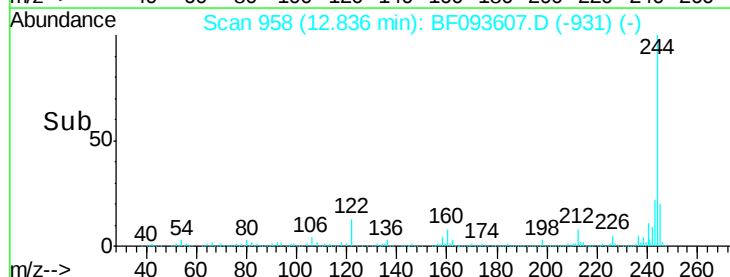
122 12.9 11.4 17.2

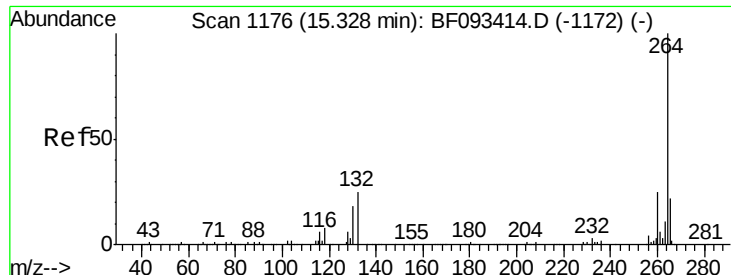


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

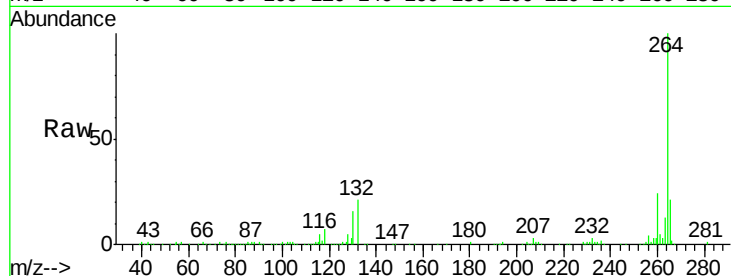




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. 0.02 min
Lab File: BF093607.D
Acq: 13 Mar 2017 15:13

Instrument :
BNA_F
ClientSampleId :
PB97540TB

Tgt Ion: 264 Resp: 282981
Ion Ratio Lower Upper
264 100
260 24.1 19.2 28.8
265 20.6 17.4 26.0



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

