

Data File : BF093006.D
Acq On : 17 Feb 2017 13:18
Operator : SJ/MA
Sample : PB97012BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97012BL

Quant Time: Feb 17 22:09:52 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	166470	20.00	ng	0.00
21) Naphthalene-d8	8.13	136	627389	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	375802	20.00	ng	0.00
63) Phenanthrene-d10	11.38	188	612495	20.00	ng	0.00
75) Chrysene-d12	14.01	240	527636	20.00	ng	-0.01
86) Perylene-d12	15.44	264	480741	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	1161675	119.72	ng	0.01
7) Phenol-d6	6.50	99	1674589	134.13	ng	0.01
23) Nitrobenzene-d5	7.42	82	1038762	92.20	ng	0.00
41) 2,4,6-Tribromophenol	10.68	330	309525	113.88	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1792267	86.40	ng	0.00
78) Terphenyl-d14	12.97	244	1689672	75.24	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	135337	17.03	ng	# 77
25) Isophorone	7.42	82	961197	45.78	ng	# 65
50) 2,6-Dinitrotoluene	9.89	165	48663	8.90	ng	# 30
56) 2,4-Dinitrotoluene	9.89	165	48663	6.69	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.68	198	865	2.89	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	23008	3.60	ng	# 1

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

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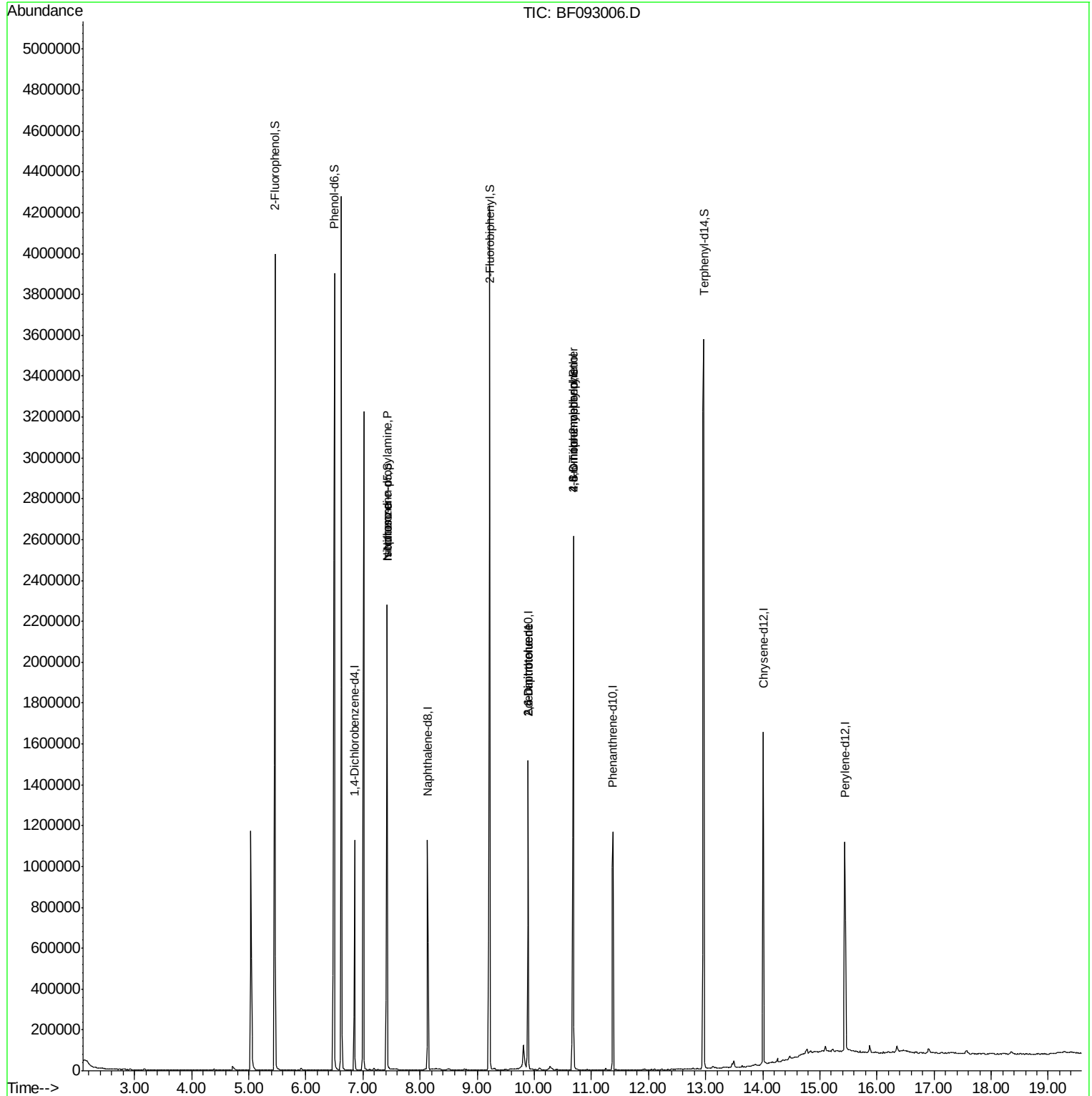
Quant Time: Feb 17 22:09:52 2017

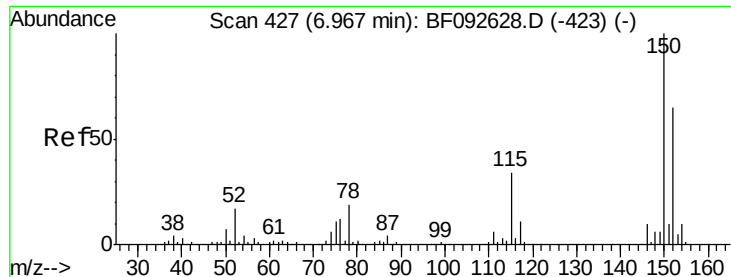
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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Response via : Initial Calibration



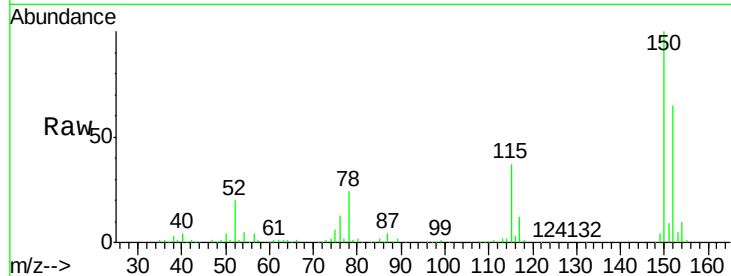


#1

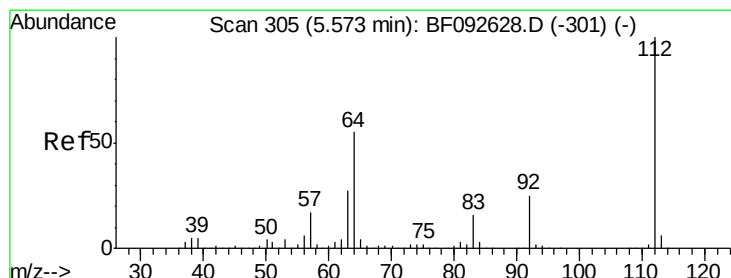
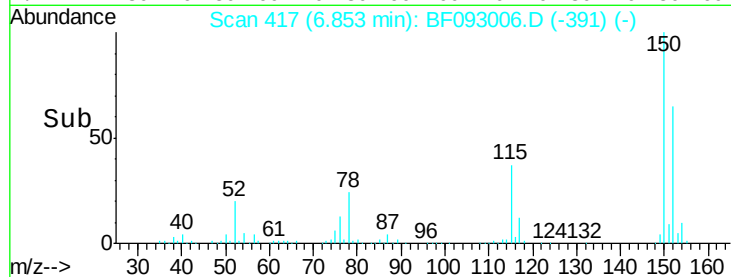
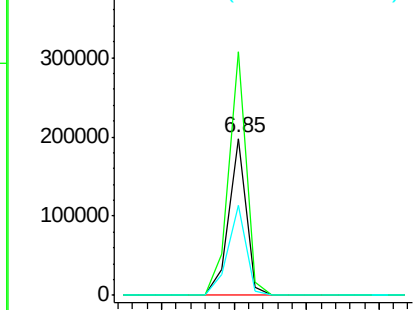
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.85 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BF093006.D
 Acq: 17 Feb 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BL

Tgt Ion:152 Resp: 166470
 Ion Ratio Lower Upper
 152 100
 150 155.0 124.9 187.3
 115 57.5 46.0 69.0



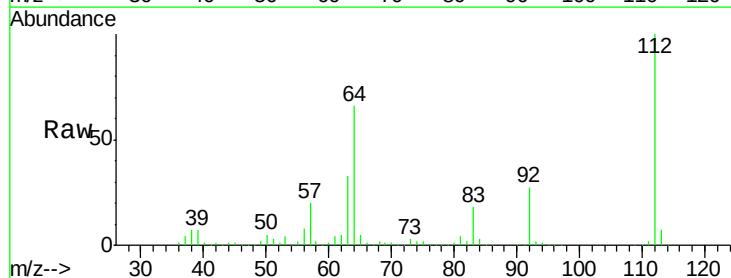
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



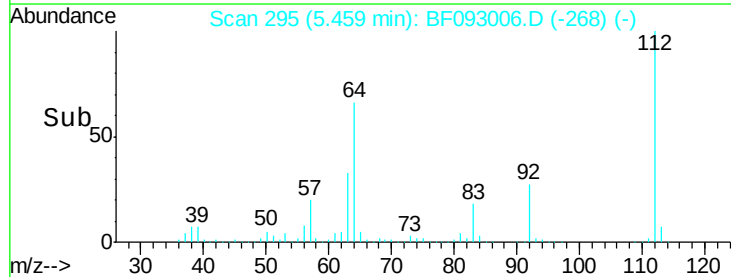
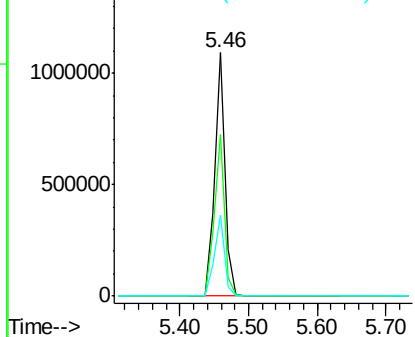
#5

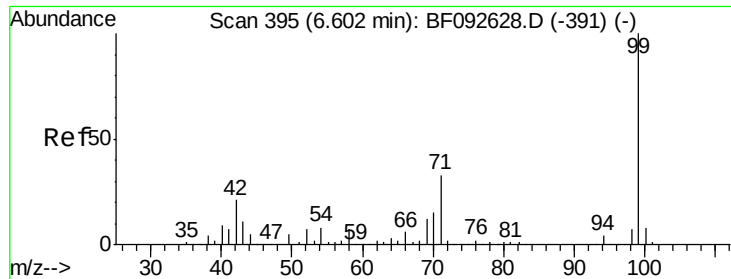
2-Fluorophenol
 Concen: 119.72 ng
 RT: 5.46 min Scan# 295
 Delta R.T. 0.01 min
 Lab File: BF093006.D
 Acq: 17 Feb 2017 13:18

Tgt Ion:112 Resp: 1161675
 Ion Ratio Lower Upper
 112 100
 64 66.4 46.1 69.1
 63 33.4 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: 134.13 ng

RT: 6.50 min Scan# 386

Delta R.T. 0.01 min

Lab File: BF093006.D

Acq: 17 Feb 2017 13:18

Instrument :

BNA_F

ClientSampleId :

PB97012BL

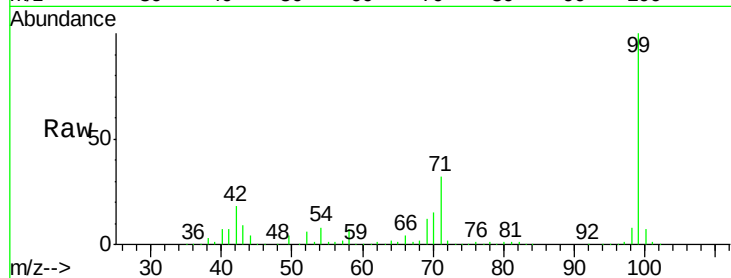
Tgt Ion: 99 Resp: 1674589

Ion Ratio Lower Upper

99 100

42 18.4 15.6 23.4

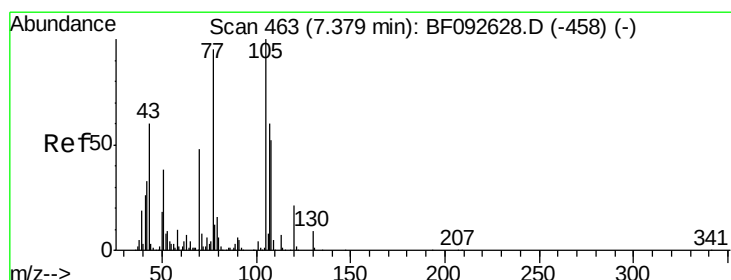
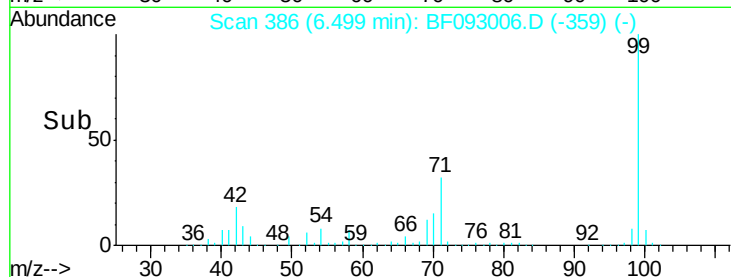
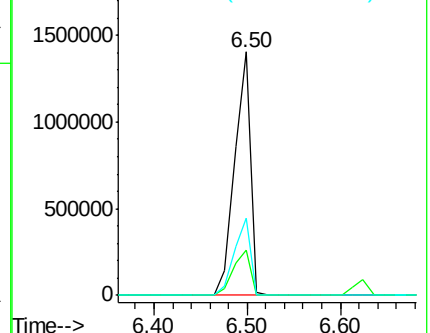
71 31.6 27.5 41.3



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: 17.03 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.15 min

Lab File: BF093006.D

Acq: 17 Feb 2017 13:18

Tgt Ion: 70 Resp: 135337

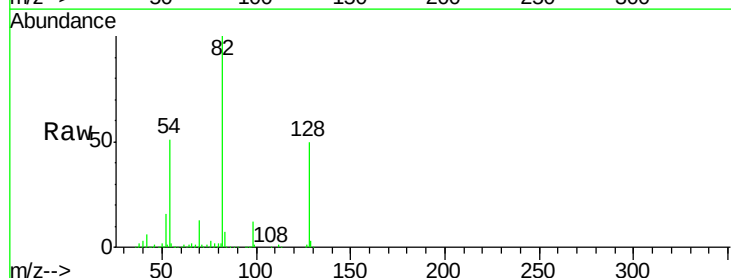
Ion Ratio Lower Upper

70 100

42 46.5 49.4 74.0#

101 0.0 7.4 11.2#

130 2.8 14.2 21.4#

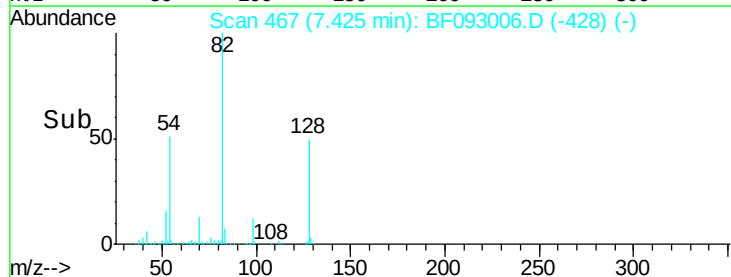
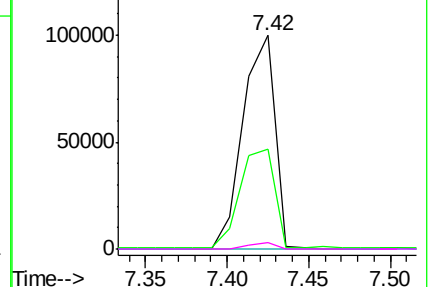


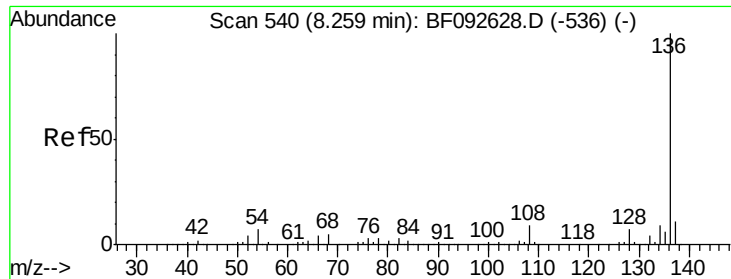
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E

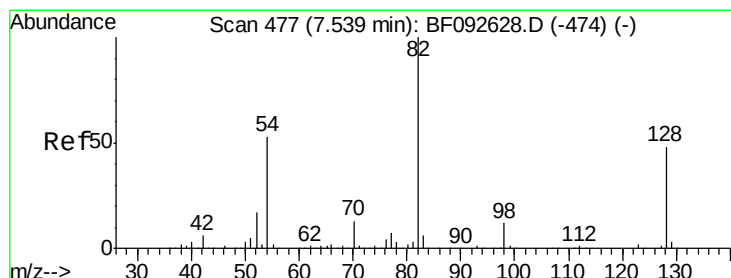
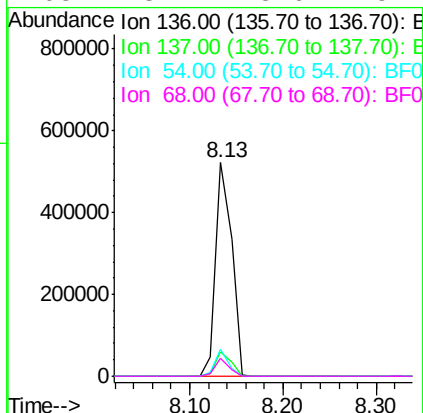
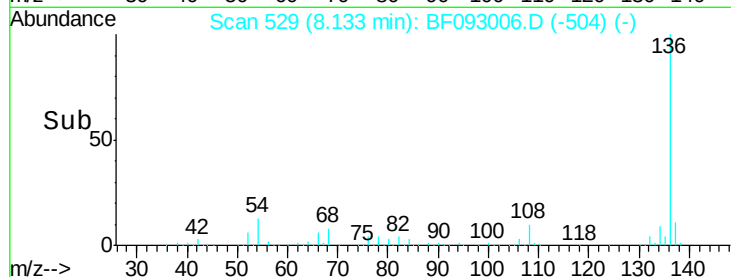
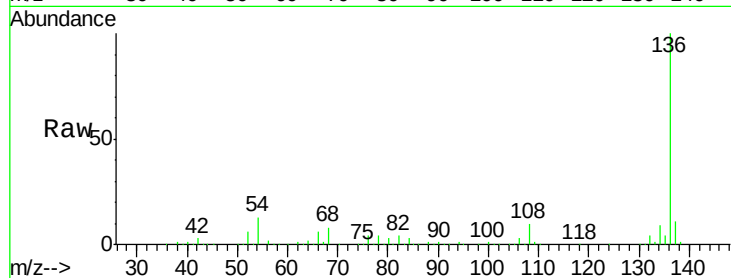




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093006.D
Acq: 17 Feb 2017 13:18

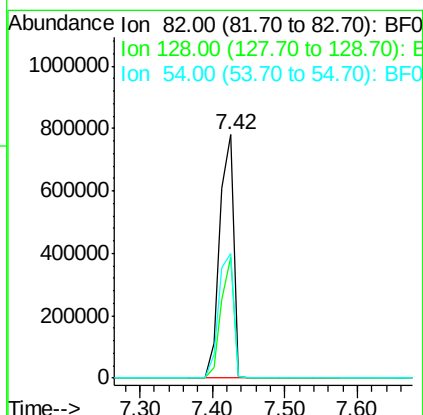
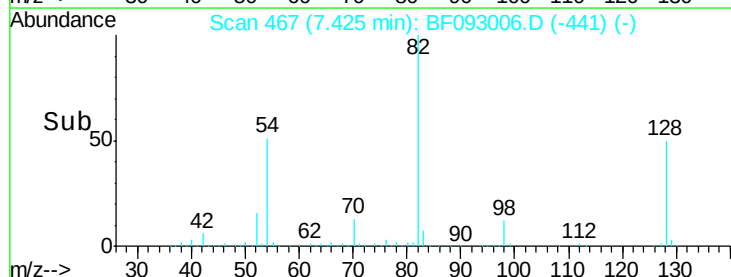
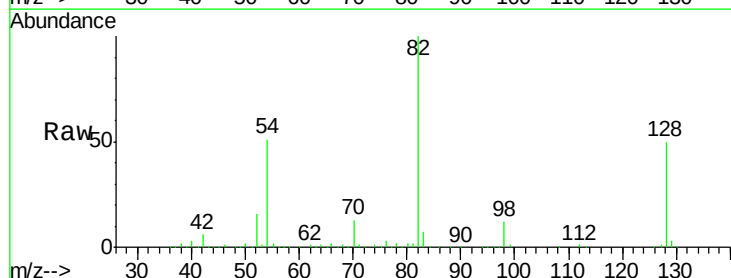
Instrument :
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PB97012BL

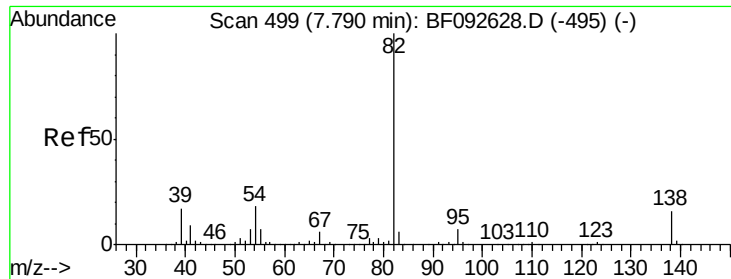
Tgt Ion:	136	Resp:	627389
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.4	12.6
54	12.6	4.5	6.7#
68	8.2	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 92.20 ng
RT: 7.42 min Scan# 467
Delta R.T. 0.00 min
Lab File: BF093006.D
Acq: 17 Feb 2017 13:18

Tgt Ion:	82	Resp:	1038762
Ion	Ratio	Lower	Upper
82	100		
128	49.6	34.6	52.0
54	51.0	39.5	59.3

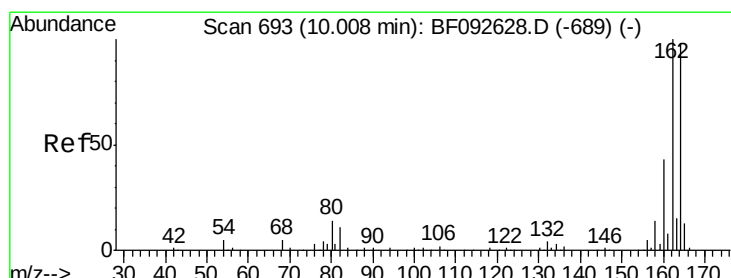
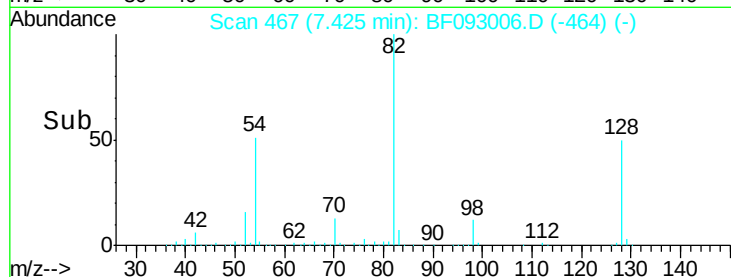
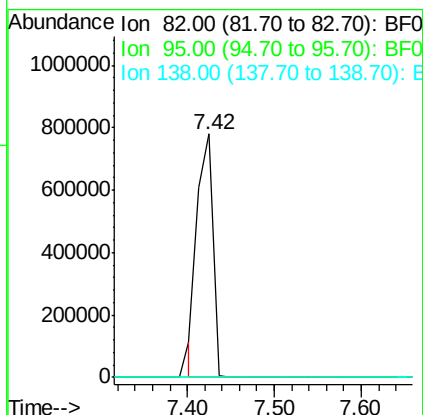
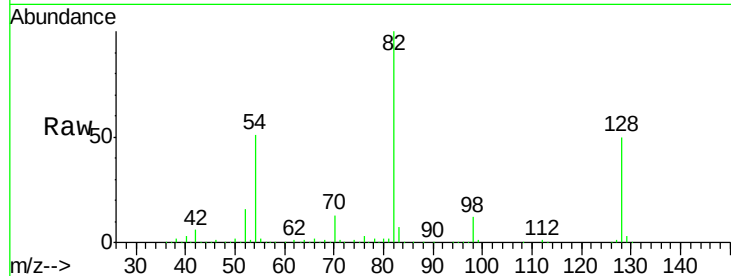




#25
Isophorone
Concen: 45.78 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.26 min
Lab File: BF093006.D
Acq: 17 Feb 2017 13:18

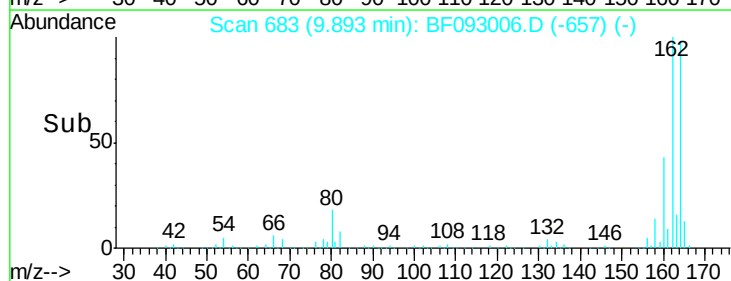
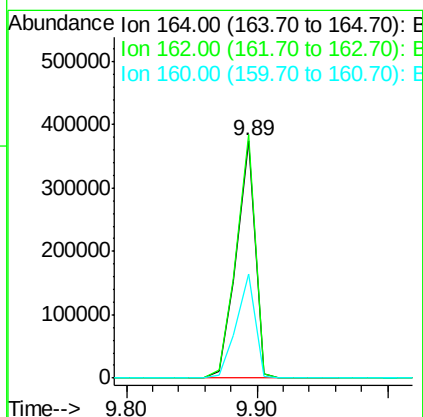
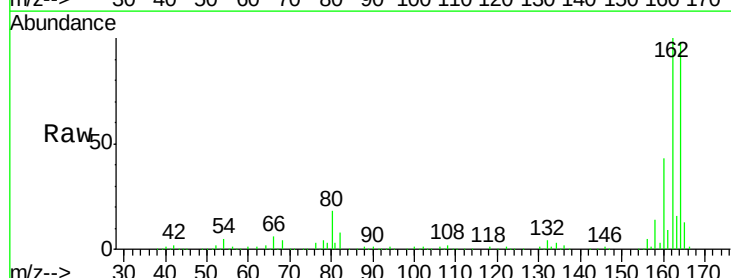
Instrument :
BNA_F
ClientSampleId :
PB97012BL

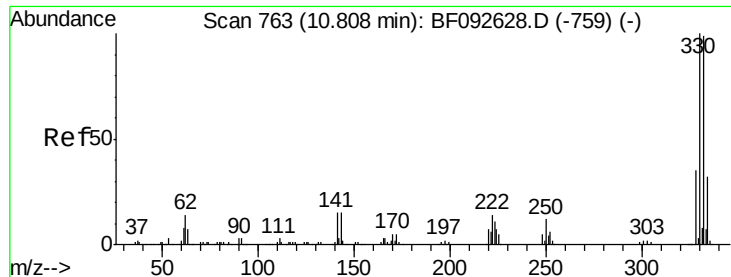
Tgt Ion: 82 Resp: 961197
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. 0.00 min
Lab File: BF093006.D
Acq: 17 Feb 2017 13:18

Tgt Ion: 164 Resp: 375802
Ion Ratio Lower Upper
164 100
162 102.4 80.2 120.2
160 43.9 36.9 55.3

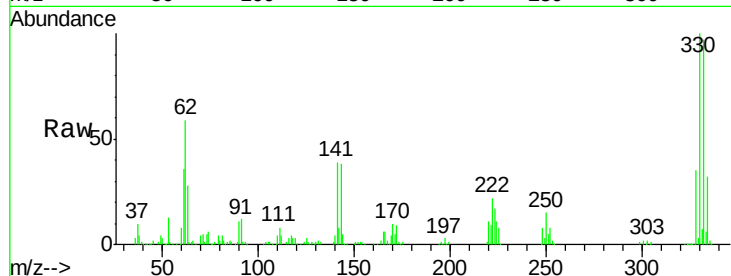




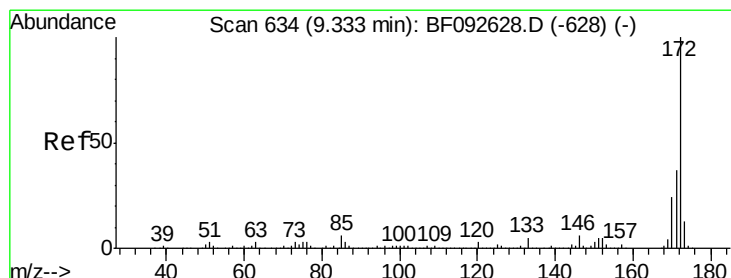
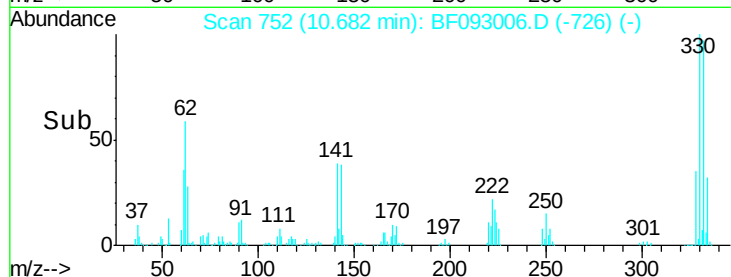
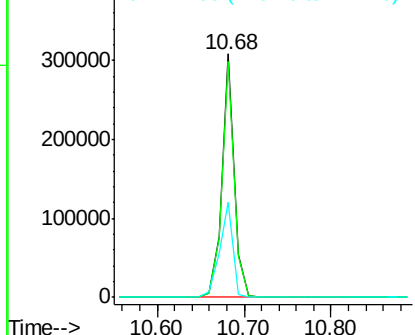
#41
 2,4,6-Tribromophenol
 Concen: 113.88 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.00 min
 Lab File: BF093006.D
 Acq: 17 Feb 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BL

Tgt Ion:330 Resp: 309525
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 41.6 34.1 51.1

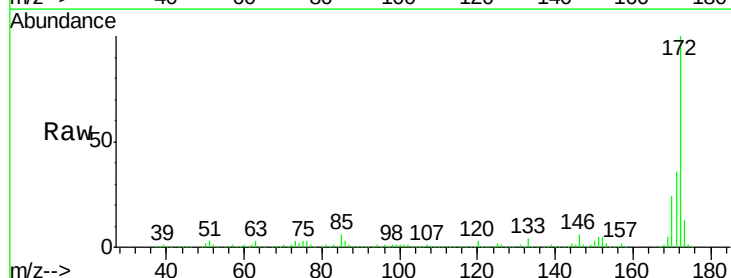


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

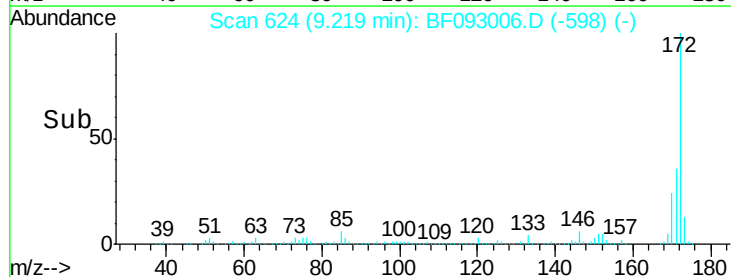
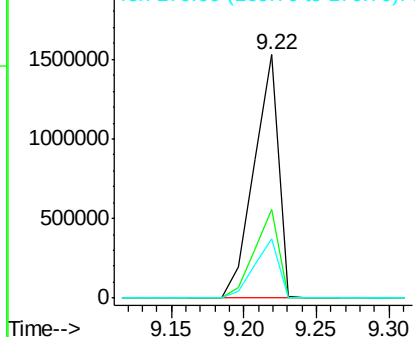


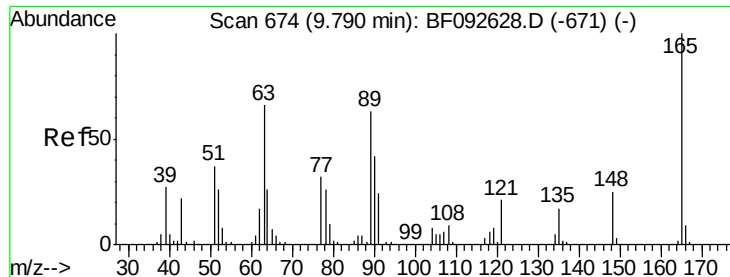
#44
 2-Fluorobiphenyl
 Concen: 86.40 ng
 RT: 9.22 min Scan# 624
 Delta R.T. 0.00 min
 Lab File: BF093006.D
 Acq: 17 Feb 2017 13:18

Tgt Ion:172 Resp: 1792267
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.3 20.2 30.4



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

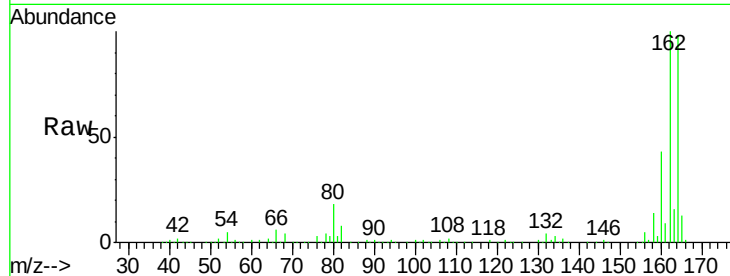




#50
 2,6-Dinitrotoluene
 Concen: 8.90 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.21 min
 Lab File: BF093006.D
 Acq: 17 Feb 2017 13:18

Instrument :
 BNA_F
 ClientSampleId :
 PB97012BL

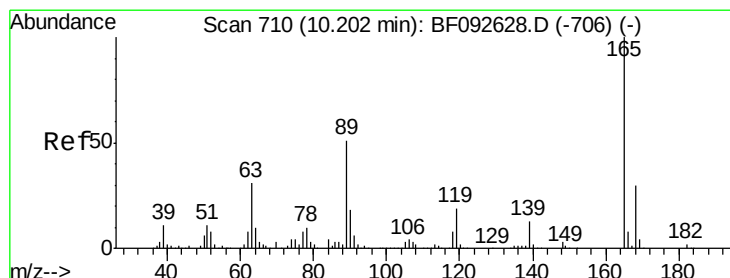
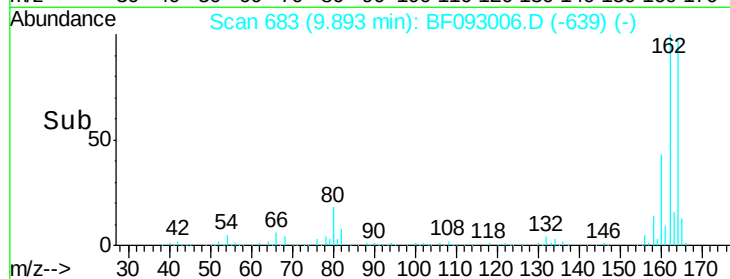
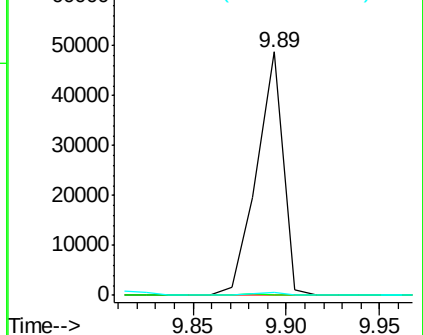
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	1.1	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

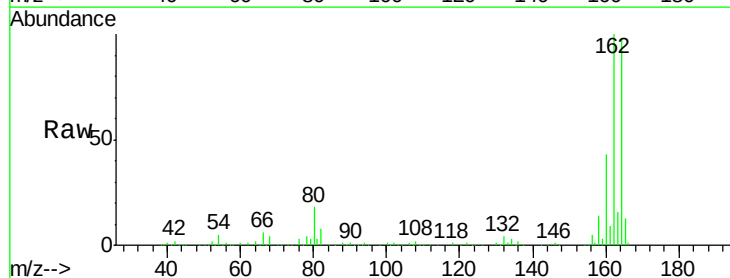
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.69 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.19 min
 Lab File: BF093006.D
 Acq: 17 Feb 2017 13:18

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	1.1	62.5	93.7#
182	0.0	1.8	2.8#

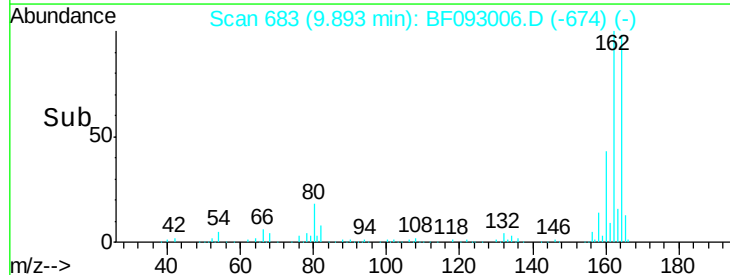
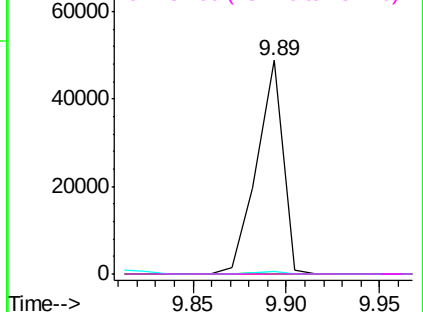


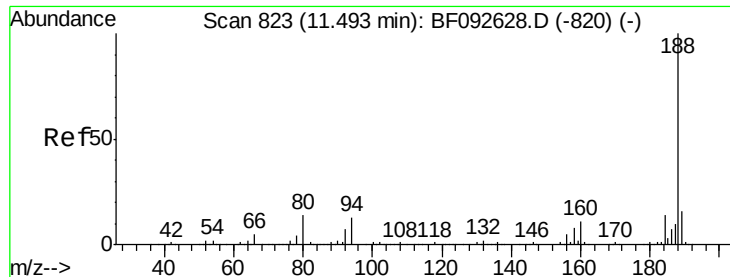
Abundance Ion 165.00 (164.70 to 165.70): E

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

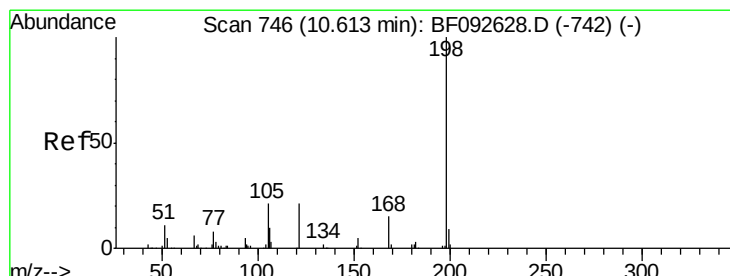
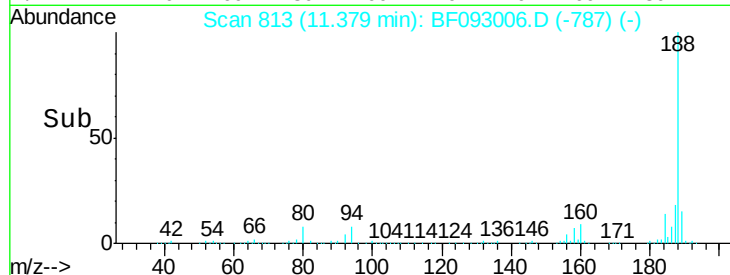
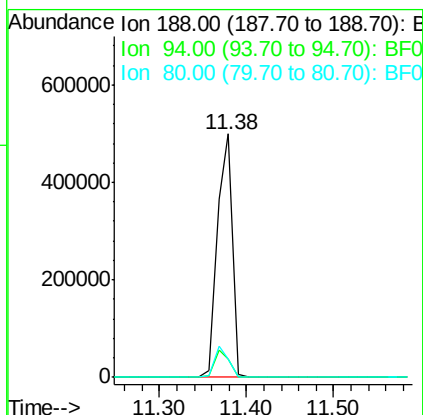
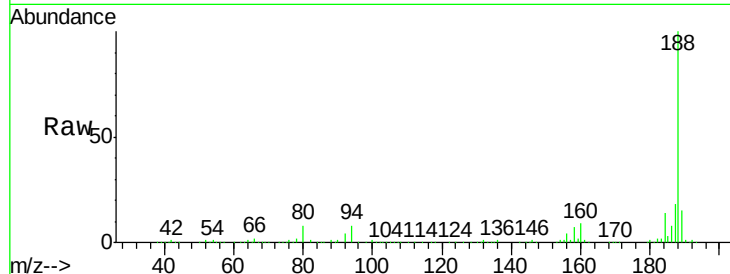




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. 0.00 min
Lab File: BF093006.D
Acq: 17 Feb 2017 13:18

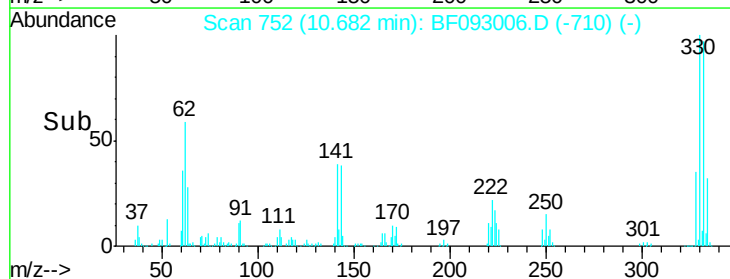
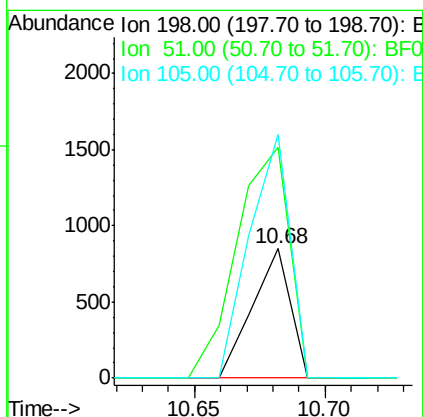
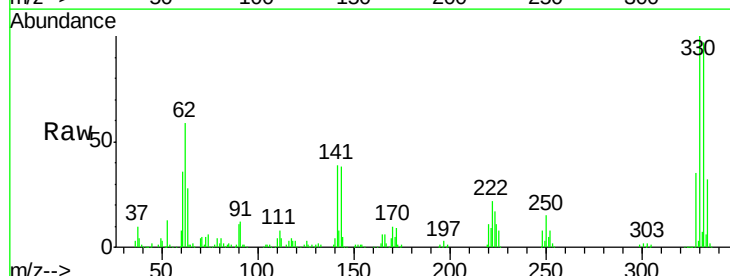
Instrument :
BNA_F
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PB97012BL

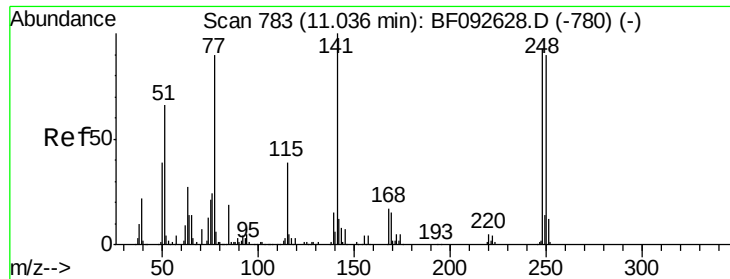
Tgt Ion:188 Resp: 612495
Ion Ratio Lower Upper
188 100
94 7.7 10.0 15.0#
80 7.5 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.89 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.18 min
Lab File: BF093006.D
Acq: 17 Feb 2017 13:18

Tgt Ion:198 Resp: 865
Ion Ratio Lower Upper
198 100
51 178.7 6.7 46.7#
105 188.6 16.6 56.6#

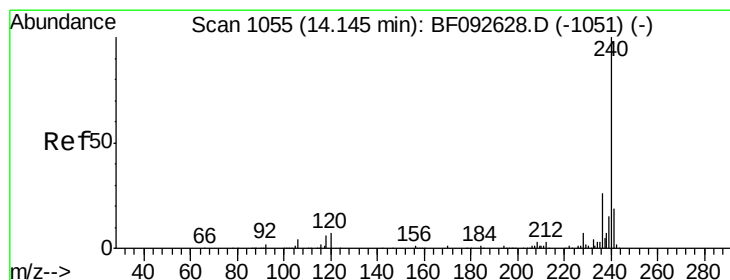
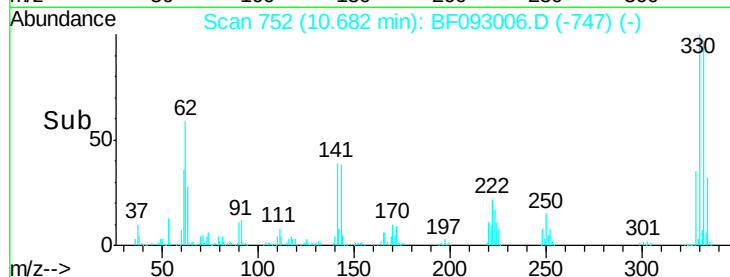
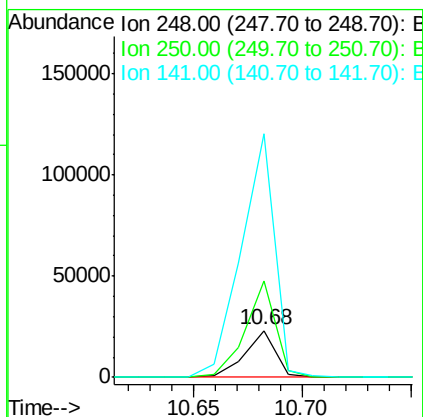
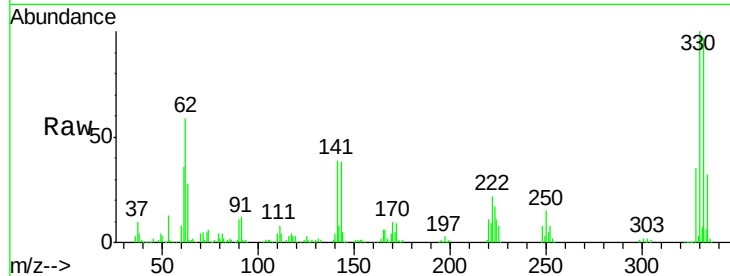




#66
 4-Bromophenyl-phenylether
 Concen: 3.60 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF093006.D
 Acq: 17 Feb 2017 13:18

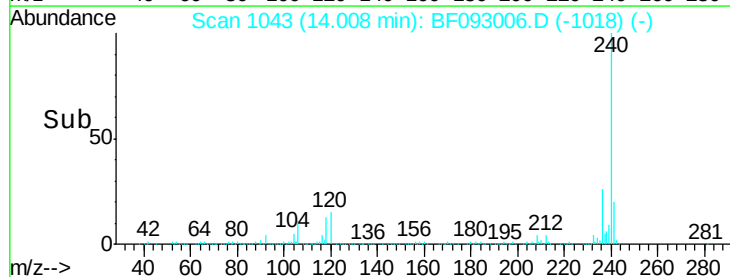
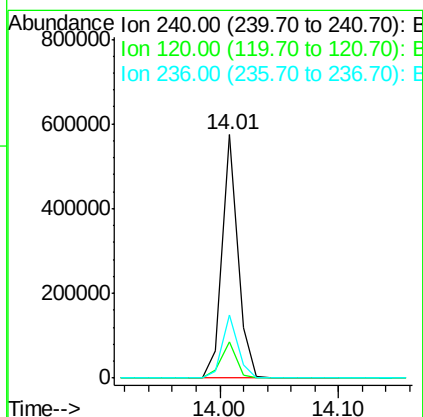
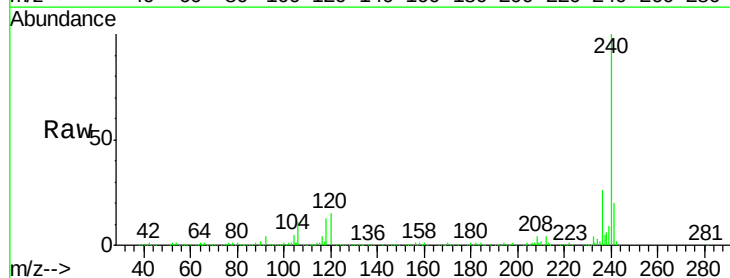
Instrument :
 BNA_F
 ClientSampleId :
 PB97012BL

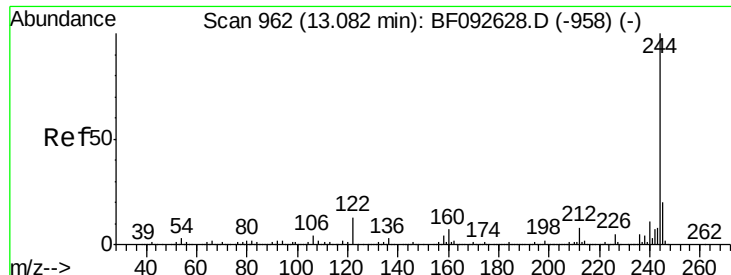
Tgt Ion:248 Resp: 23008
 Ion Ratio Lower Upper
 248 100
 250 205.8 76.9 115.3#
 141 518.5 68.2 102.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF093006.D
 Acq: 17 Feb 2017 13:18

Tgt Ion:240 Resp: 527636
 Ion Ratio Lower Upper
 240 100
 120 14.8 12.9 19.3
 236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 75.24 ng

RT: 12.97 min Scan# 952

Delta R.T. 0.00 min

Lab File: BF093006.D

Acq: 17 Feb 2017 13:18

Instrument :

BNA_F

ClientSampleId :

PB97012BL

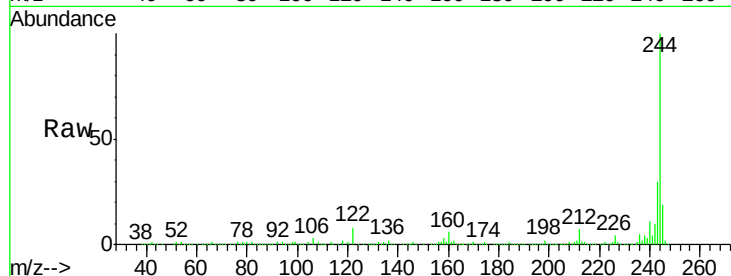
Tgt Ion:244 Resp: 1689672

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

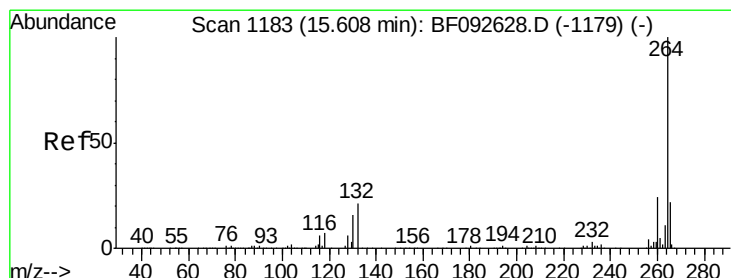
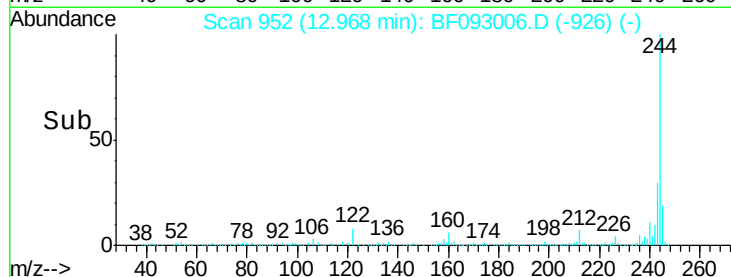
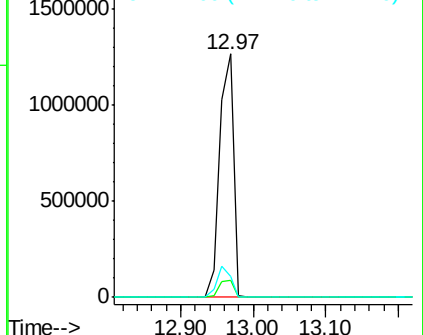
122 8.4 11.4 17.2#



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: 15.44 min Scan# 1168

Delta R.T. -0.01 min

Lab File: BF093006.D

Acq: 17 Feb 2017 13:18

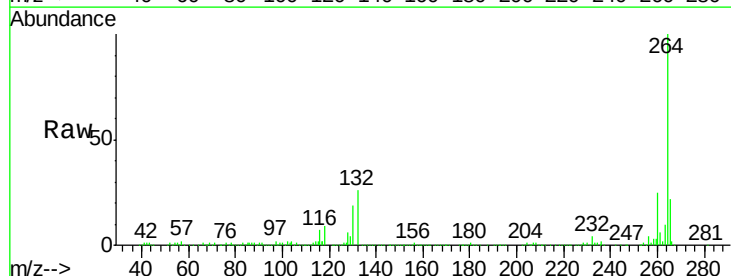
Tgt Ion:264 Resp: 480741

Ion Ratio Lower Upper

264 100

260 24.7 19.2 28.8

265 22.1 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

