

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020617\
 Data File : BF092800.D
 Acq On : 6 Feb 2017 17:20
 Operator : SJ/MA
 Sample : PB96743BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96743BL

Quant Time: Feb 07 01:07:58 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

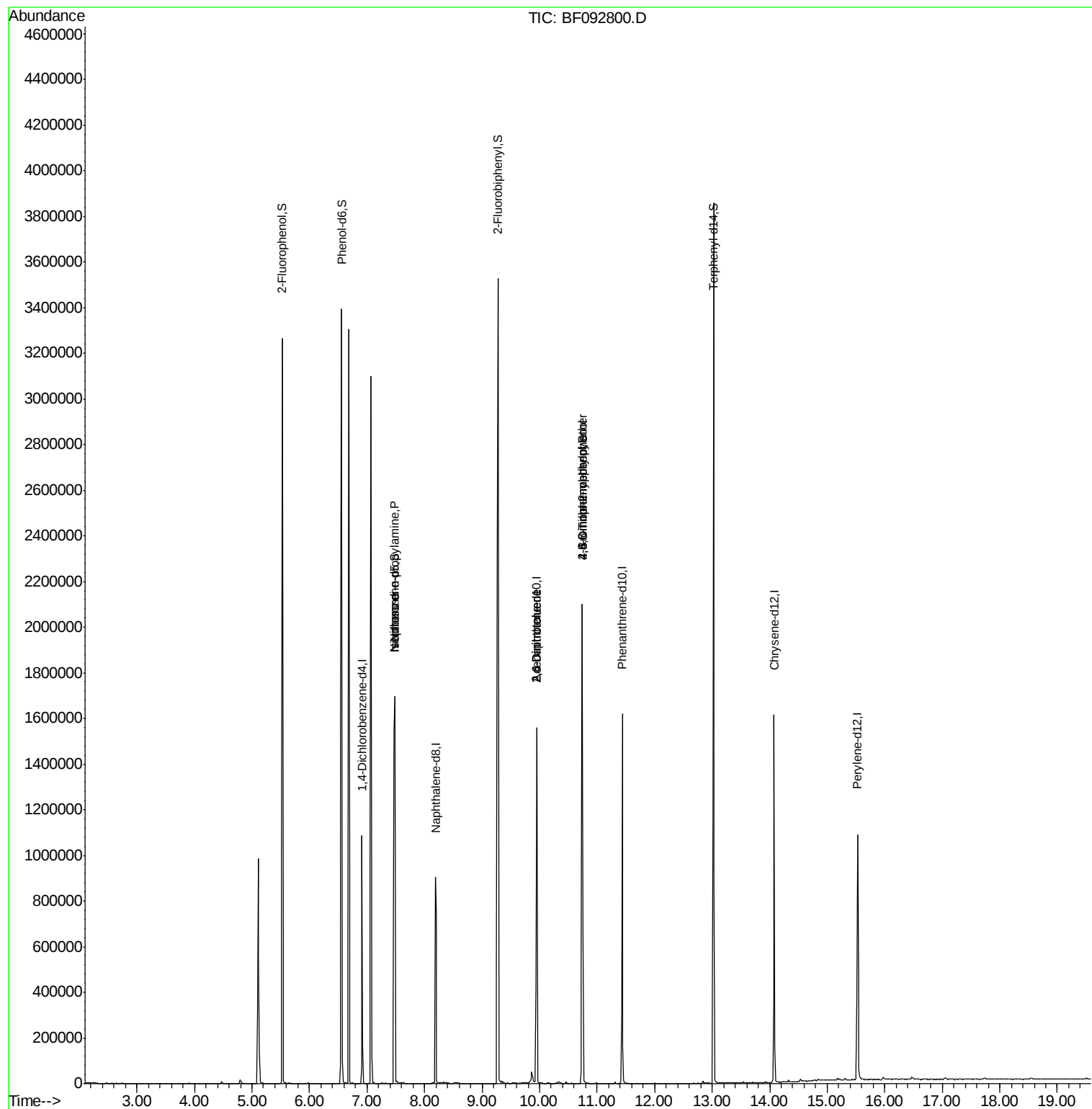
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	150060	20.00	ng	-0.06
21) Naphthalene-d8	8.19	136	591957	20.00	ng	-0.07
38) Acenaphthene-d10	9.95	164	346440	20.00	ng	-0.06
63) Phenanthrene-d10	11.44	188	586911	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	550378	20.00	ng	-0.07
86) Perylene-d12	15.53	264	484236	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	946138	108.17	ng	-0.04
7) Phenol-d6	6.56	99	1242630	110.42	ng	-0.05
23) Nitrobenzene-d5	7.48	82	819438	77.09	ng	-0.06
41) 2,4,6-Tribromophenol	10.74	330	284369	113.49	ng	-0.07
44) 2-Fluorobiphenyl	9.28	172	1545662	80.83	ng	-0.06
78) Terphenyl-d14	13.03	244	1355759	57.88	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.48	70	105750	14.76	ng	# 75
25) Isophorone	7.48	82	819411	41.37	ng	# 65
50) 2,6-Dinitrotoluene	9.95	165	43579	8.65	ng	# 30
56) 2,4-Dinitrotoluene	9.95	165	43571	6.49	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.74	198	538	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	20291	3.31	ng	# 1

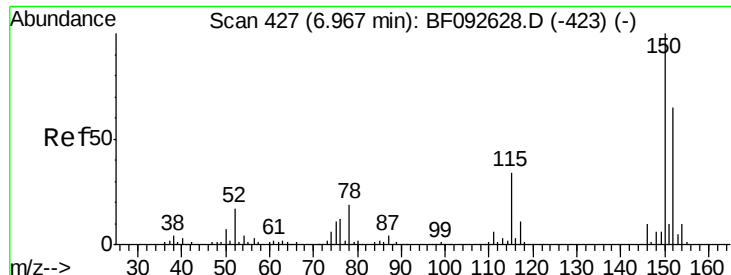
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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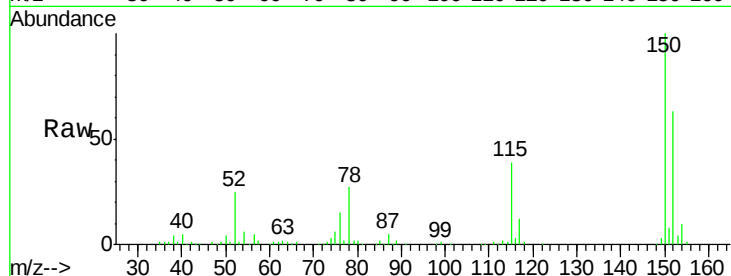


#1

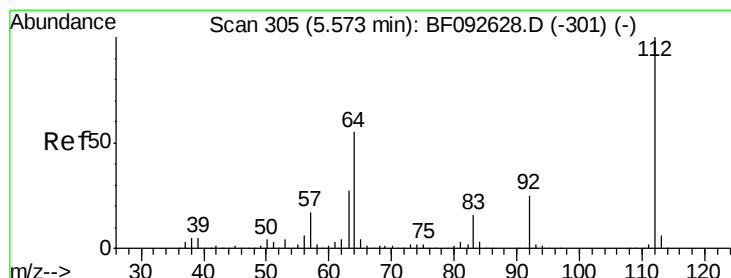
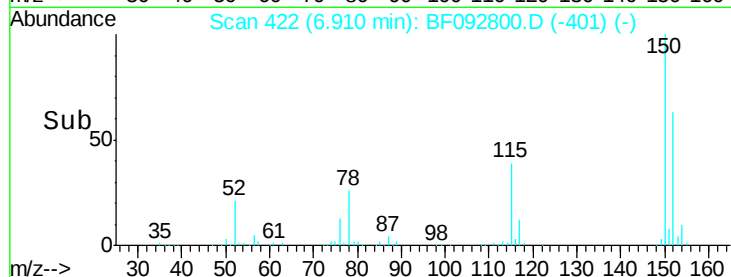
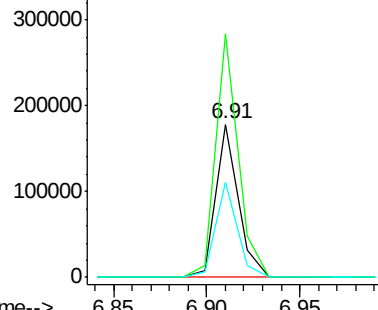
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.06 min
Lab File: BF092800.D
Acq: 6 Feb 2017 17:20

Instrument :
BNA_F
ClientSampleId :
PB96743BL

Tgt Ion:152 Resp: 150060
Ion Ratio Lower Upper
152 100
150 159.2 124.9 187.3
115 61.9 46.0 69.0



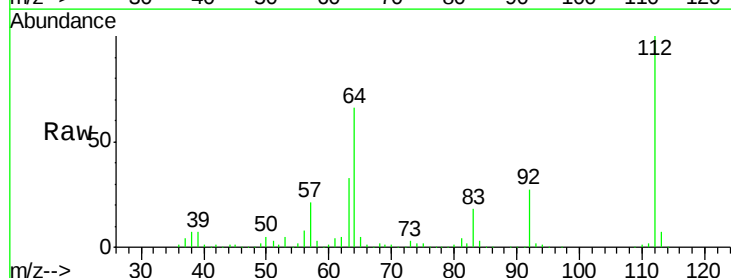
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



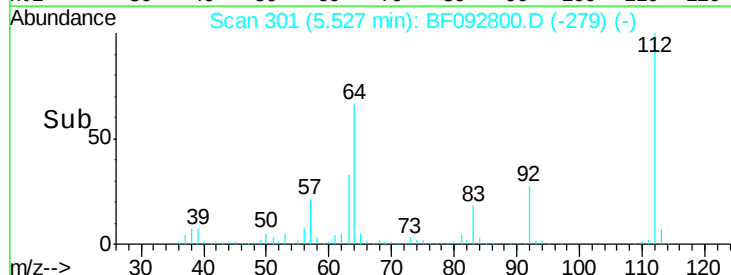
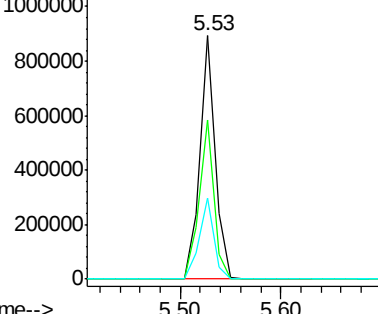
#5

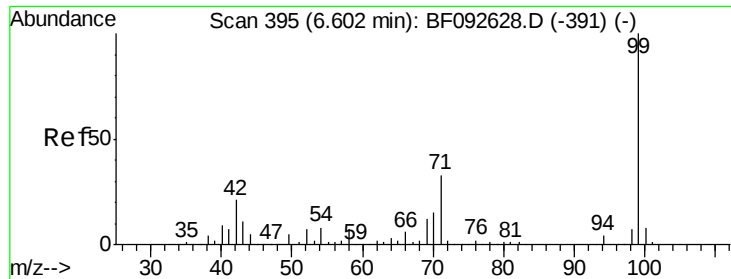
2-Fluorophenol
Concen: 108.17 ng
RT: 5.53 min Scan# 301
Delta R.T. -0.04 min
Lab File: BF092800.D
Acq: 6 Feb 2017 17:20

Tgt Ion:112 Resp: 946138
Ion Ratio Lower Upper
112 100
64 65.5 46.1 69.1
63 33.0 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: 110.42 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092800.D

Acq: 6 Feb 2017 17:20

Instrument :

BNA_F

ClientSampleId :

PB96743BL

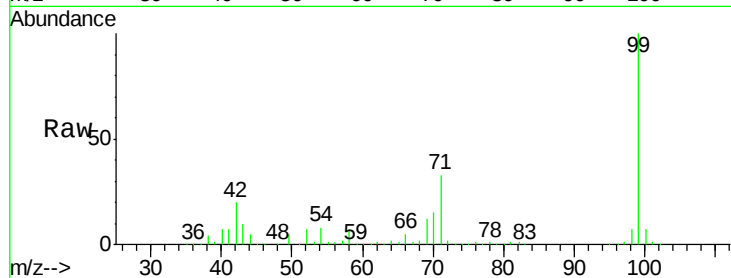
Tgt Ion: 99 Resp: 1242630

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

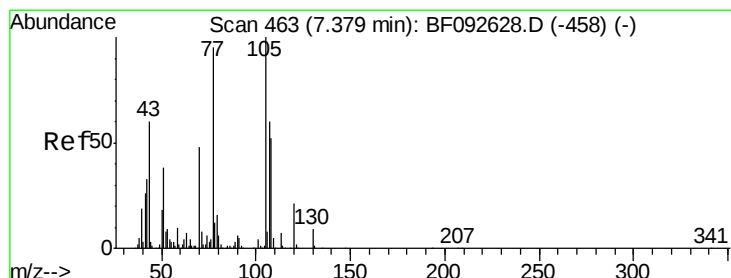
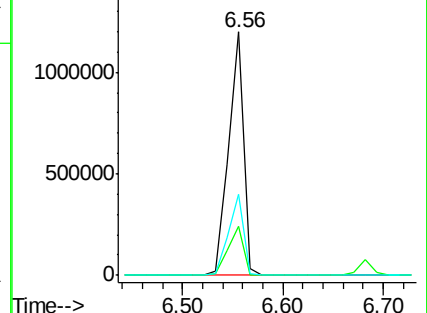
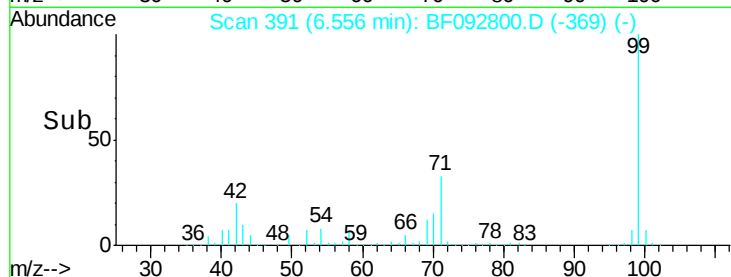
71 33.1 27.5 41.3



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: 14.76 ng

RT: 7.48 min Scan# 472

Delta R.T. 0.10 min

Lab File: BF092800.D

Acq: 6 Feb 2017 17:20

Tgt Ion: 70 Resp: 105750

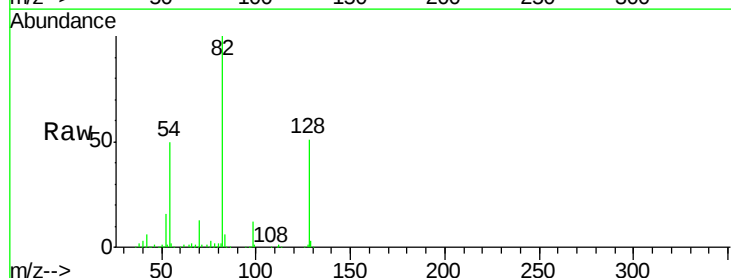
Ion Ratio Lower Upper

70 100

42 44.2 49.4 74.0#

101 0.0 7.4 11.2#

130 2.7 14.2 21.4#

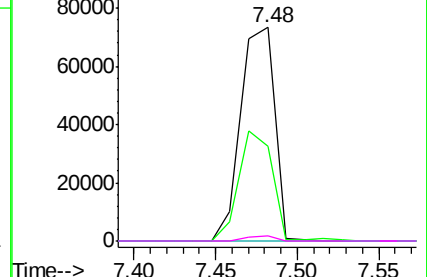
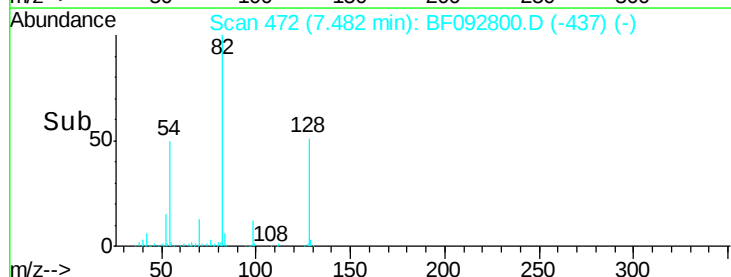


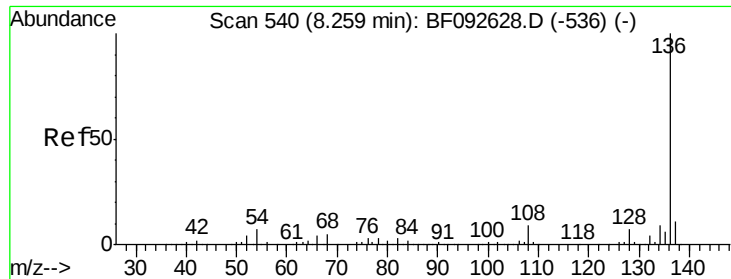
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

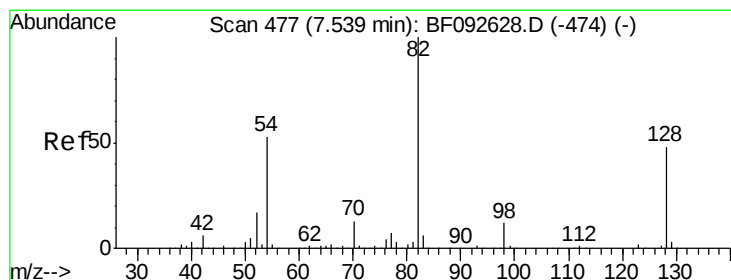
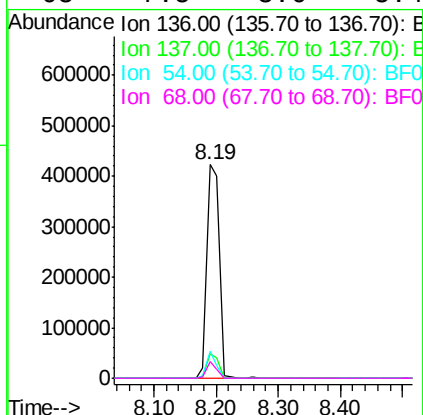
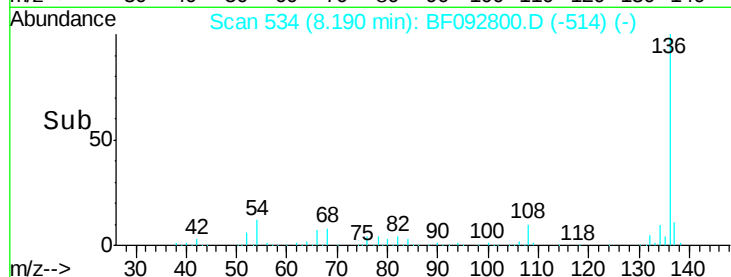
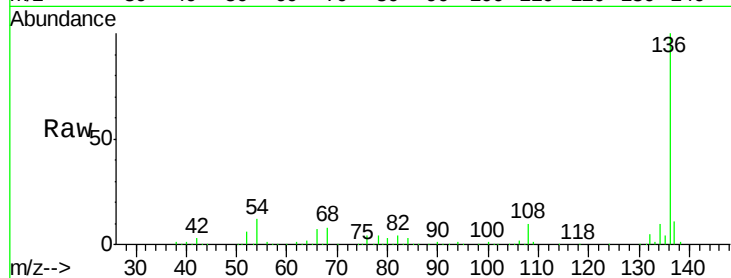




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092800.D
Acq: 6 Feb 2017 17:20

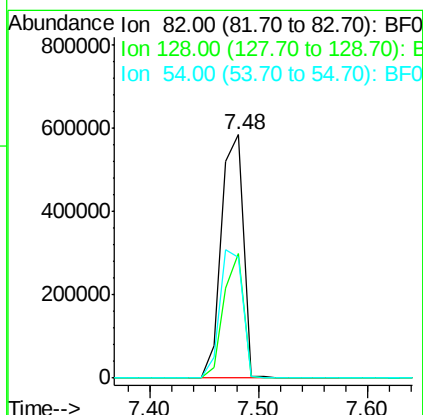
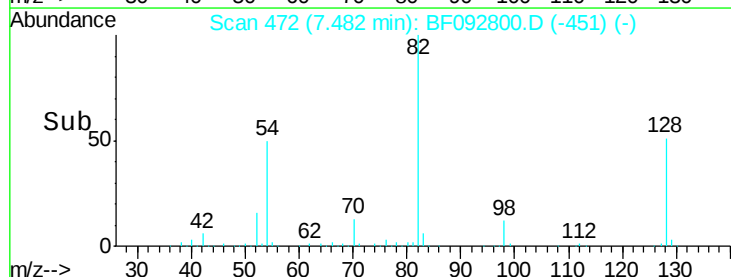
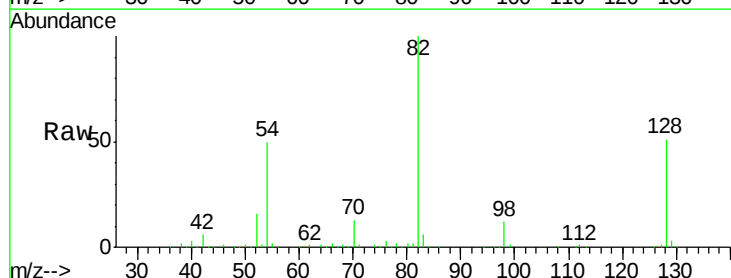
Instrument :
BNA_F
ClientSampleId :
PB96743BL

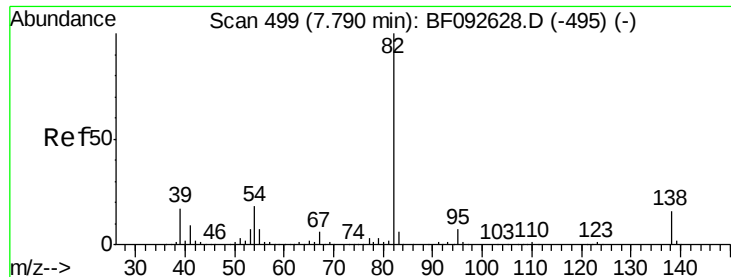
Tgt Ion:	136	Resp:	591957
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	12.3	4.5	6.7#
68	7.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 77.09 ng
RT: 7.48 min Scan# 472
Delta R.T. -0.06 min
Lab File: BF092800.D
Acq: 6 Feb 2017 17:20

Tgt Ion:	82	Resp:	819438
Ion	Ratio	Lower	Upper
82	100		
128	51.0	34.6	52.0
54	49.7	39.5	59.3





#25

Isophorone

Concen: 41.37 ng

RT: 7.48 min Scan# 472

Delta R.T. -0.31 min

Lab File: BF092800.D

Acq: 6 Feb 2017 17:20

Instrument :

BNA_F

ClientSampleId :

PB96743BL

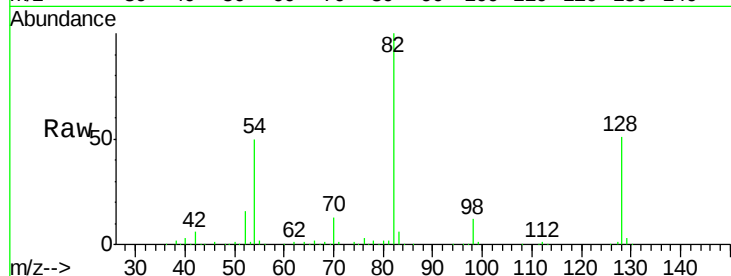
Tgt Ion: 82 Resp: 819411

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

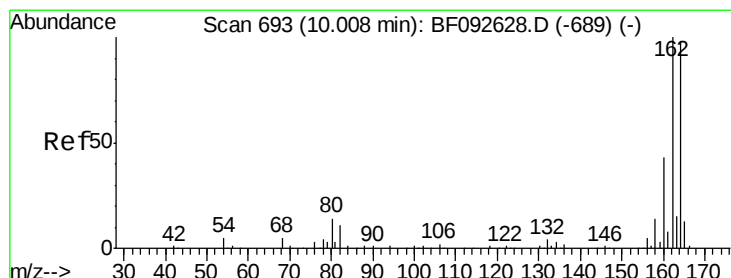
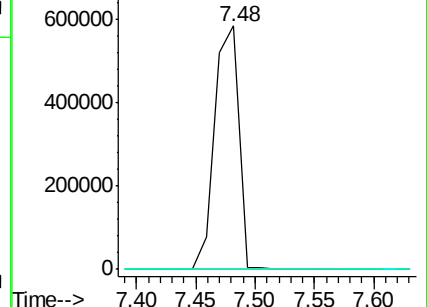
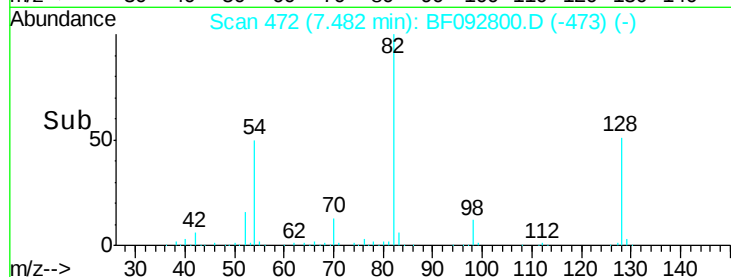
138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF092800.D (-472) (-)

Ion 95.00 (94.70 to 95.70): BF092800.D (-472) (-)

Ion 138.00 (137.70 to 138.70): BF092800.D (-472) (-)



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.95 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF092800.D

Acq: 6 Feb 2017 17:20

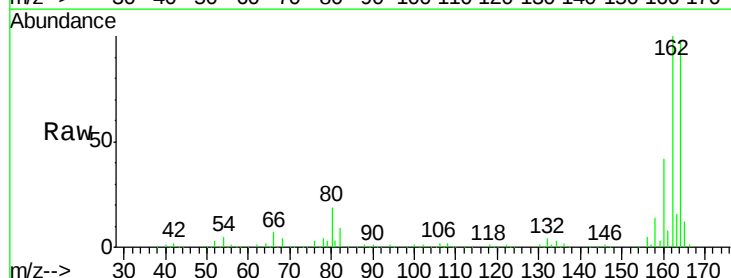
Tgt Ion: 164 Resp: 346440

Ion Ratio Lower Upper

164 100

162 102.1 80.2 120.2

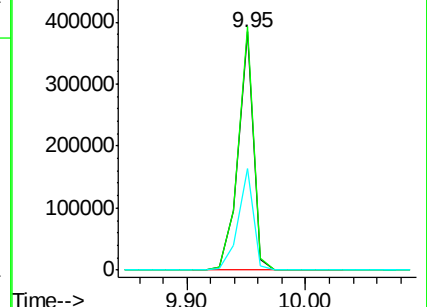
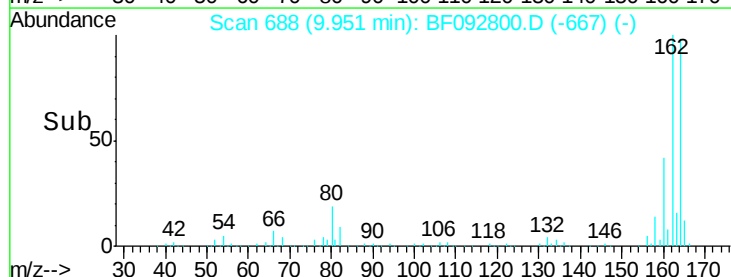
160 42.7 36.9 55.3

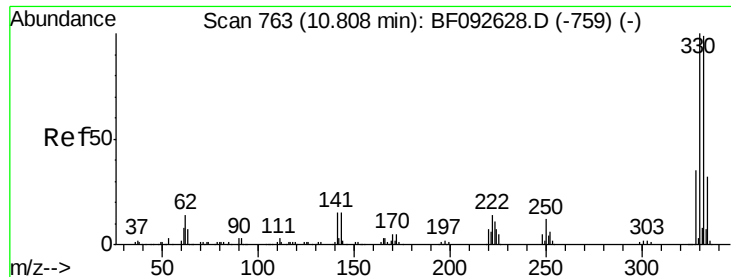


Abundance Ion 164.00 (163.70 to 164.70): BF092800.D (-688) (-)

Ion 162.00 (161.70 to 162.70): BF092800.D (-688) (-)

Ion 160.00 (159.70 to 160.70): BF092800.D (-688) (-)

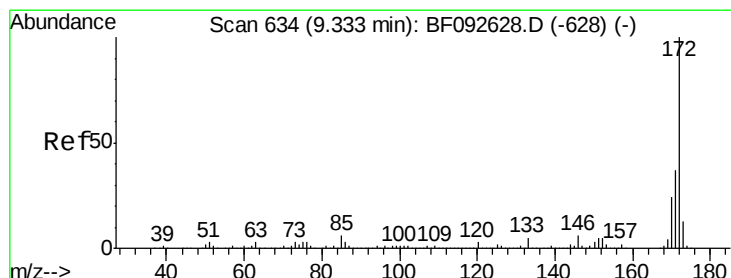
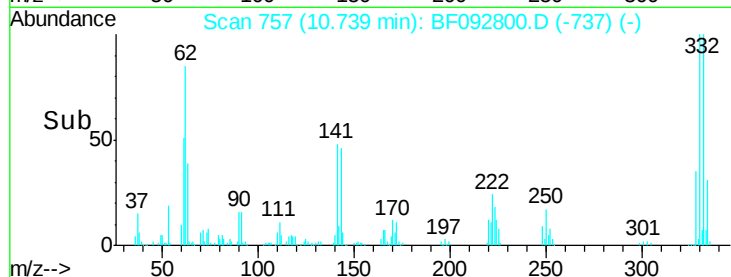
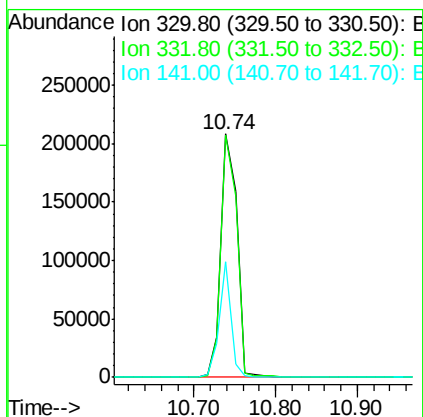
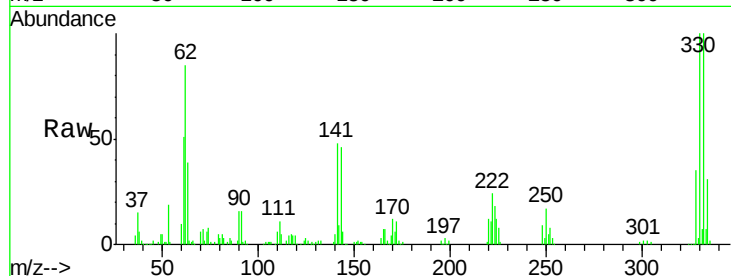




#41
 2,4,6-Tribromophenol
 Concen: 113.49 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BF092800.D
 Acq: 6 Feb 2017 17:20

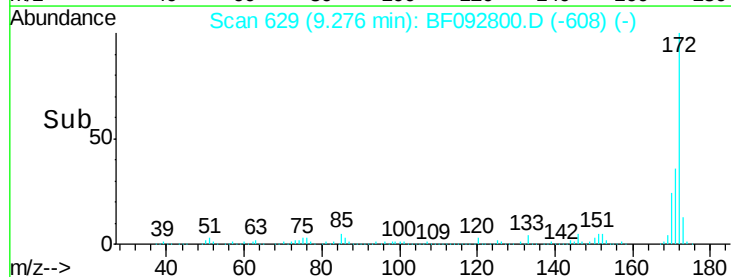
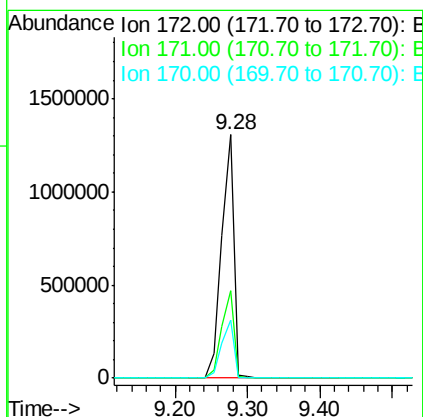
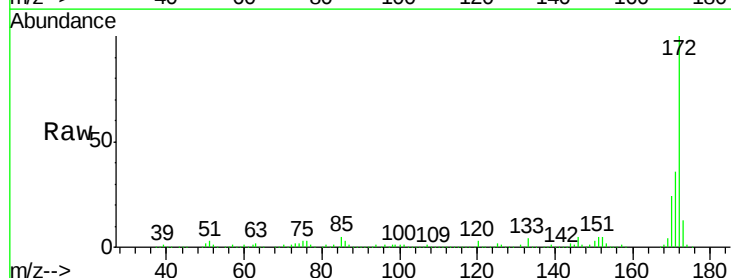
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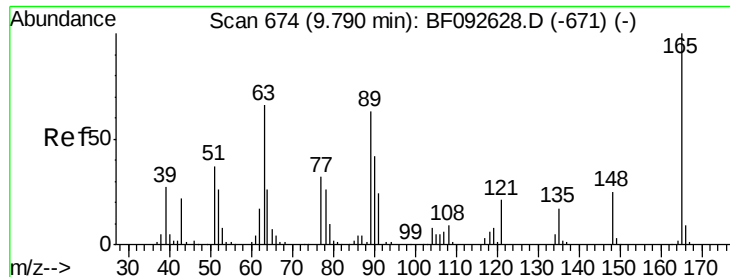
Tgt Ion:330 Resp: 284369
 Ion Ratio Lower Upper
 330 100
 332 98.6 77.4 116.2
 141 34.9 34.1 51.1



#44
 2-Fluorobiphenyl
 Concen: 80.83 ng
 RT: 9.28 min Scan# 629
 Delta R.T. -0.06 min
 Lab File: BF092800.D
 Acq: 6 Feb 2017 17:20

Tgt Ion:172 Resp: 1545662
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.0 20.2 30.4

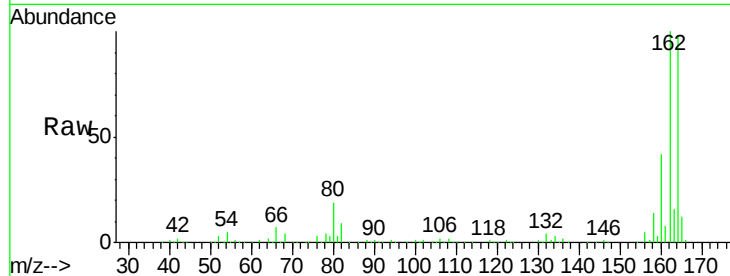




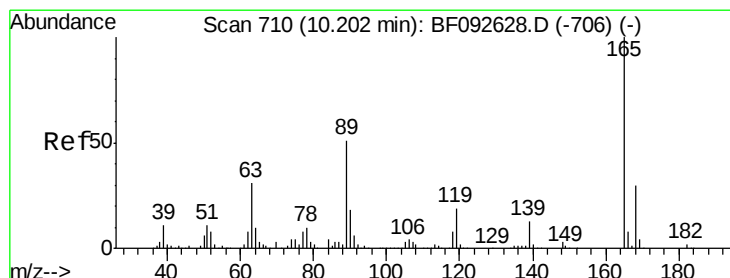
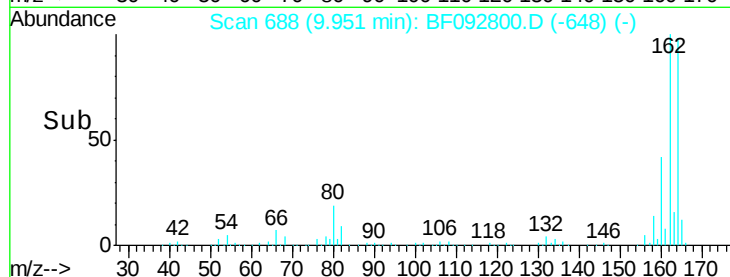
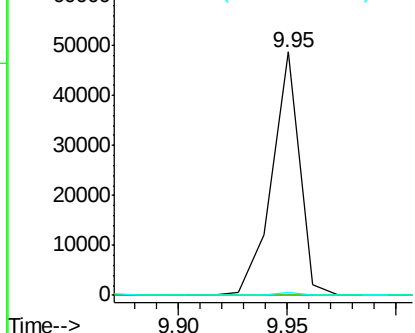
#50
2,6-Dinitrotoluene
Concen: 8.65 ng
RT: 9.95 min Scan# 688
Delta R.T. 0.16 min
Lab File: BF092800.D
Acq: 6 Feb 2017 17:20

Instrument :
BNA_F
ClientSampleId :
PB96743BL

Tgt Ion:165 Resp: 43579
Ion Ratio Lower Upper
165 100
63 0.0 36.2 54.4#
89 1.2 40.2 60.4#

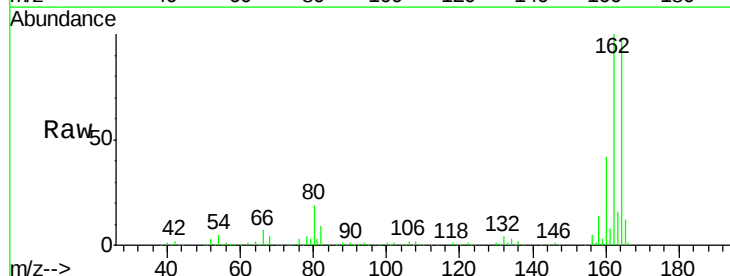


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

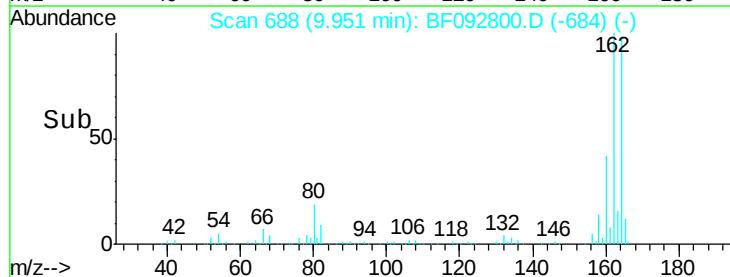
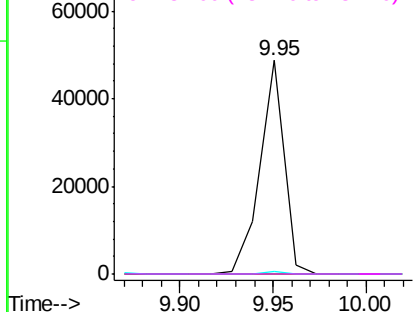


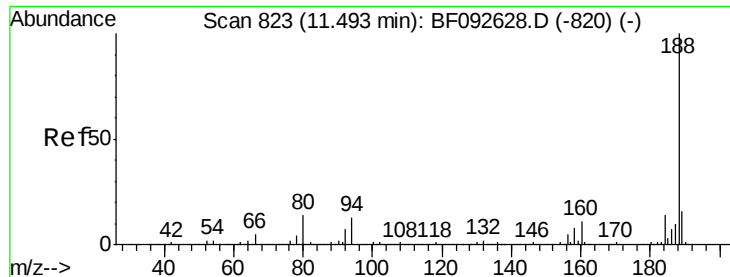
#56
2,4-Dinitrotoluene
Concen: 6.49 ng
RT: 9.95 min Scan# 688
Delta R.T. -0.25 min
Lab File: BF092800.D
Acq: 6 Feb 2017 17:20

Tgt Ion:165 Resp: 43571
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.4#
89 1.2 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

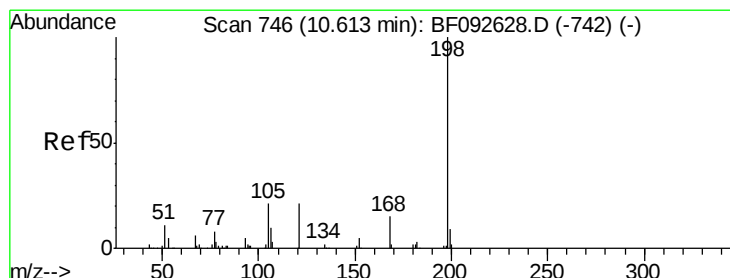
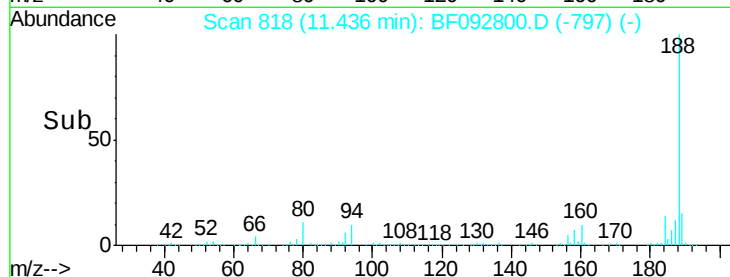
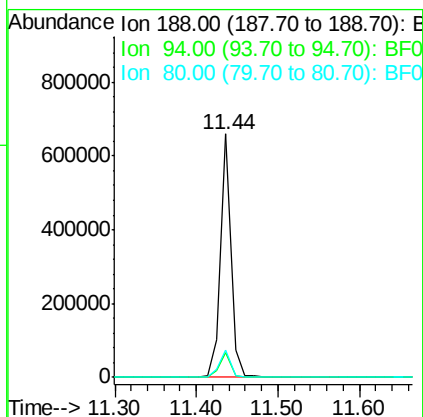
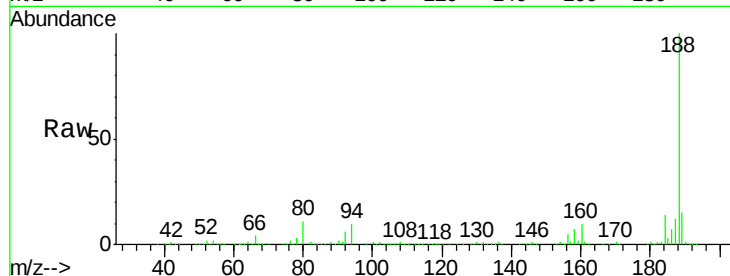




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.06 min
Lab File: BF092800.D
Acq: 6 Feb 2017 17:20

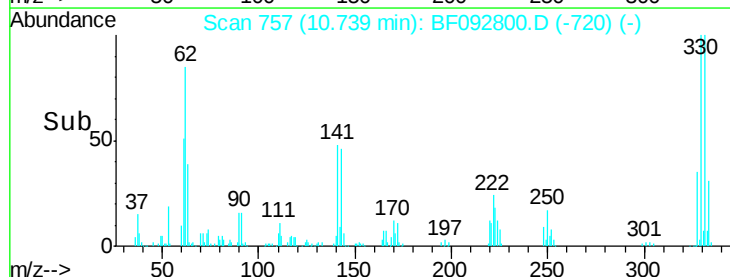
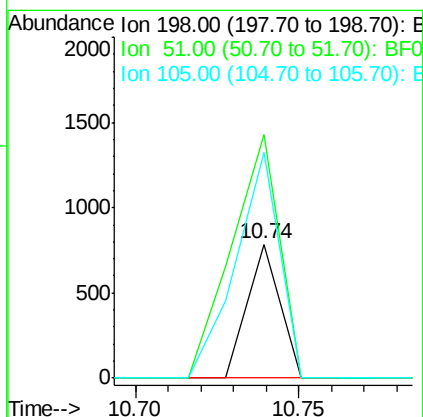
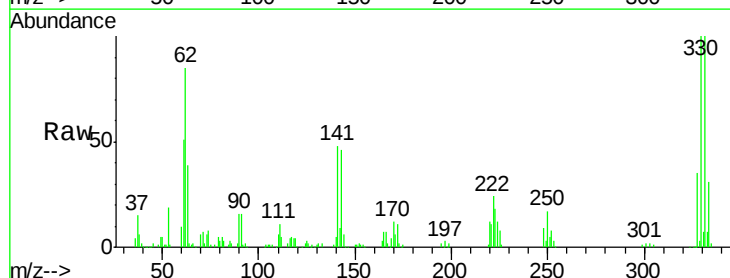
Instrument :
BNA_F
ClientSampleId :
PB96743BL

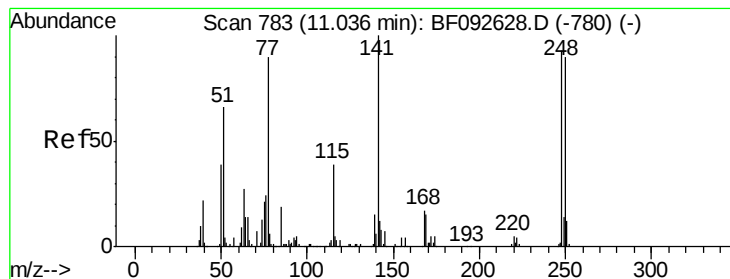
Tgt Ion:188 Resp: 586911
Ion Ratio Lower Upper
188 100
94 10.3 10.0 15.0
80 11.0 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.13 min
Lab File: BF092800.D
Acq: 6 Feb 2017 17:20

Tgt Ion:198 Resp: 538
Ion Ratio Lower Upper
198 100
51 182.0 6.7 46.7#
105 168.5 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 3.31 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.30 min

Lab File: BF092800.D

Acq: 6 Feb 2017 17:20

Instrument :

BNA_F

ClientSampled :

PB96743BL

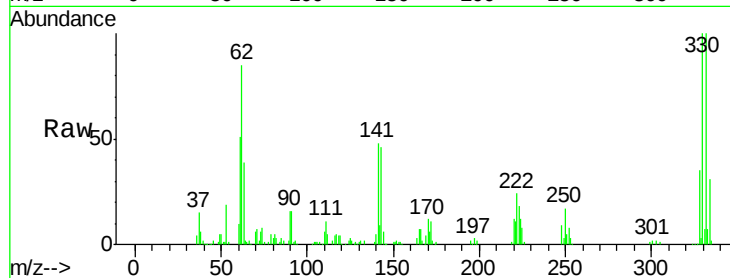
Tgt Ion:248 Resp: 20291

Ion Ratio Lower Upper

248 100

250 194.5 76.9 115.3#

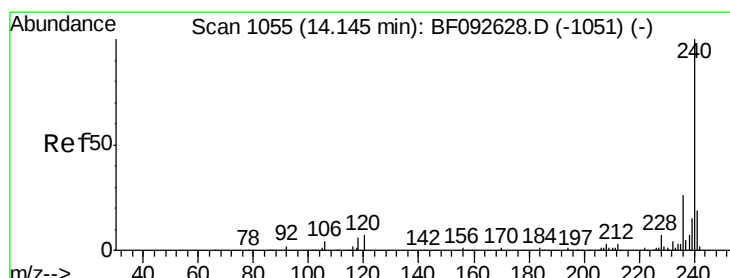
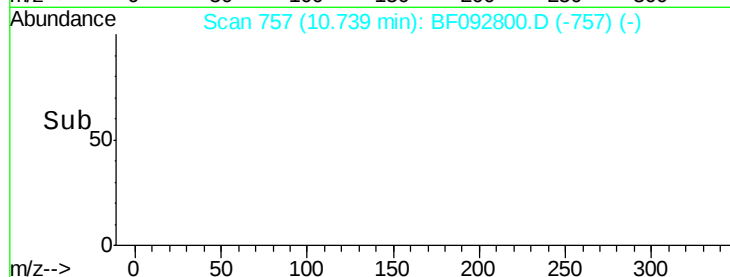
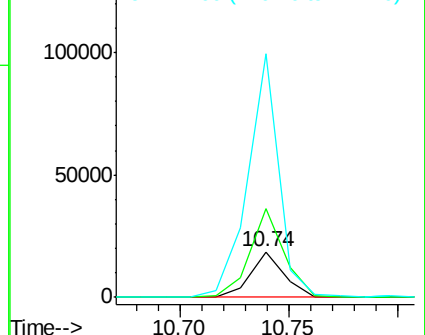
141 531.1 68.2 102.4#



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: 14.08 min Scan# 1049

Delta R.T. -0.07 min

Lab File: BF092800.D

Acq: 6 Feb 2017 17:20

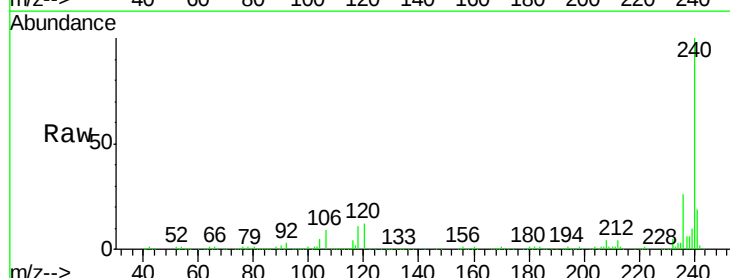
Tgt Ion:240 Resp: 550378

Ion Ratio Lower Upper

240 100

120 11.9 12.9 19.3#

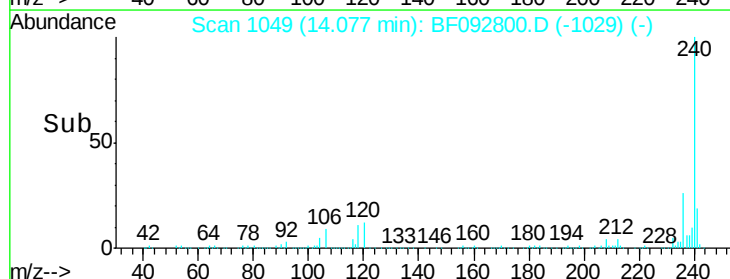
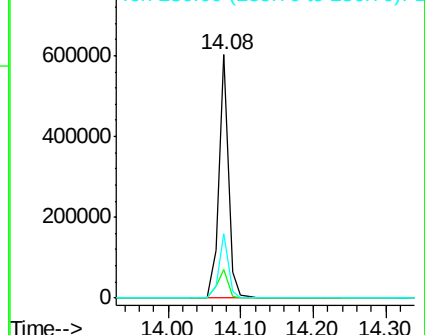
236 26.3 20.9 31.3

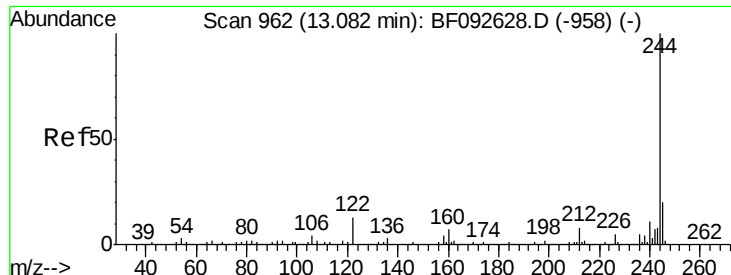


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 57.88 ng

RT: 13.03 min Scan# 957

Delta R.T. -0.06 min

Lab File: BF092800.D

Acq: 6 Feb 2017 17:20

Instrument :

BNA_F

ClientSampleId :

PB96743BL

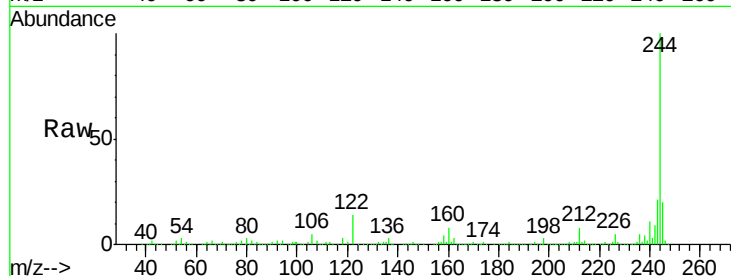
Tgt Ion:244 Resp: 1355759

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

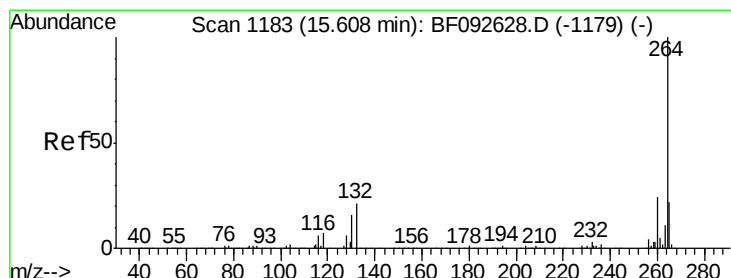
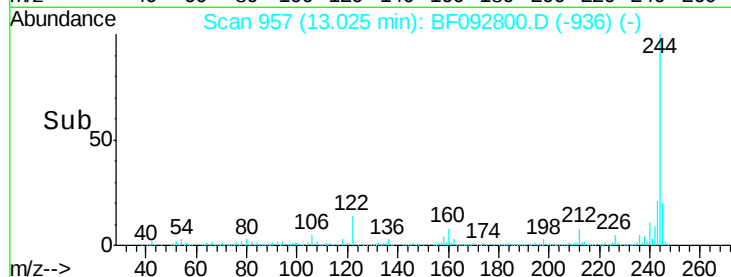
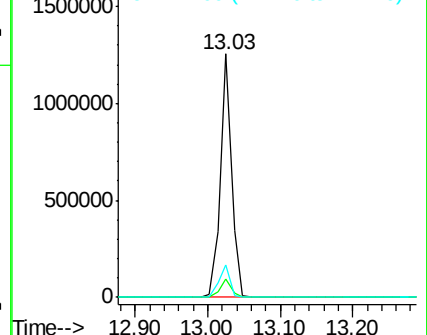
122 13.5 11.4 17.2



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: 15.53 min Scan# 1176

Delta R.T. -0.08 min

Lab File: BF092800.D

Acq: 6 Feb 2017 17:20

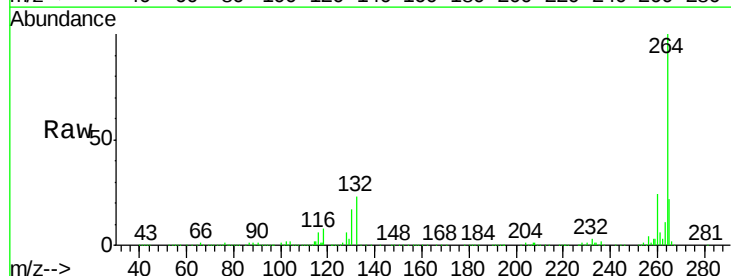
Tgt Ion:264 Resp: 484236

Ion Ratio Lower Upper

264 100

260 24.1 19.2 28.8

265 22.2 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

