

Data Path : Z:\HPCHEM1\BNA F\DATA\BF020117\
 Data File : BF092705.D
 Acq On : 1 Feb 2017 15:41
 Operator : SJ/MA
 Sample : PB96625BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96625BL

Quant Time: Feb 01 17:26:32 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

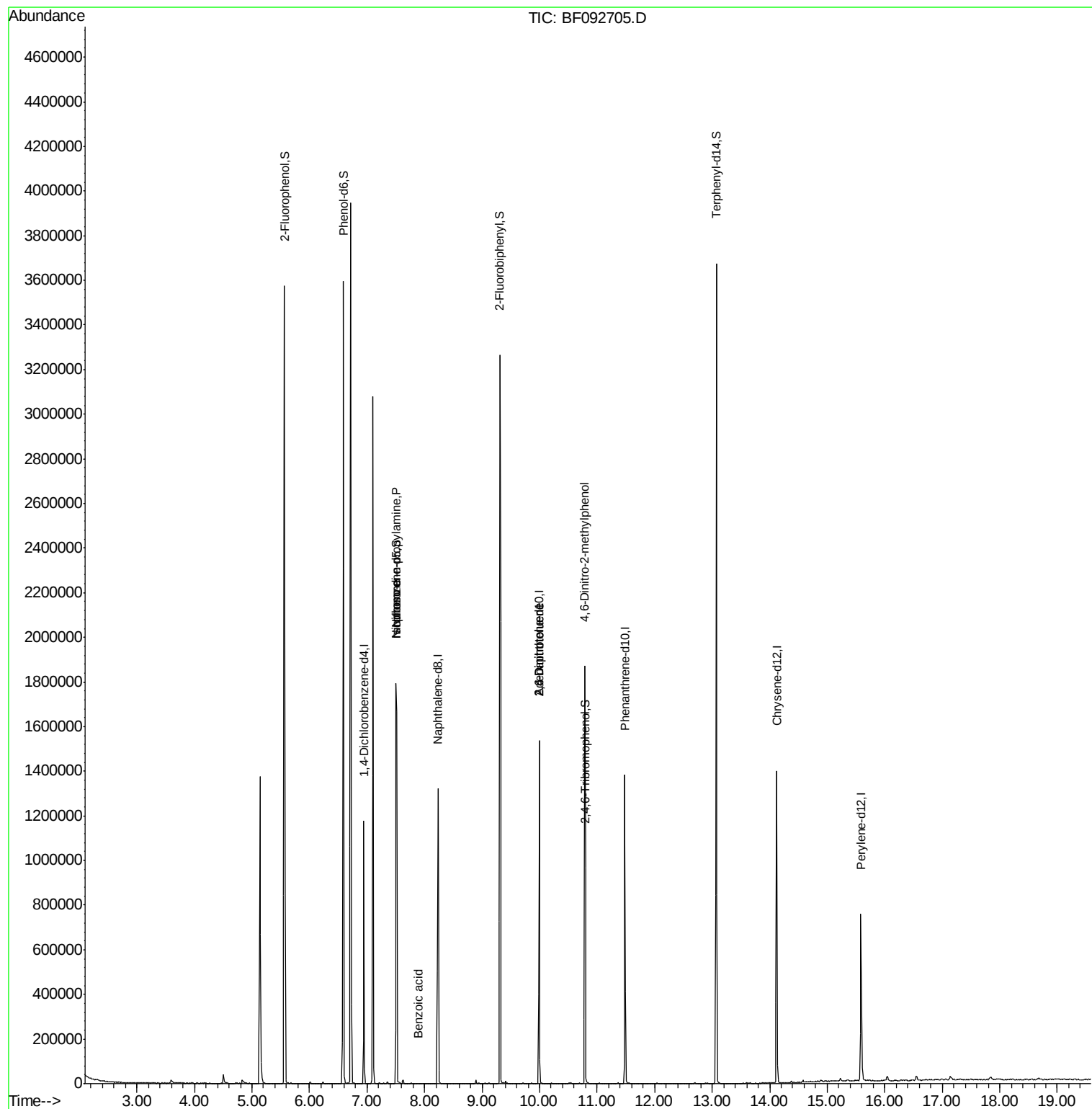
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.94	152	161250	20.00	ng	-0.02
21) Naphthalene-d8	8.24	136	643366	20.00	ng	-0.02
38) Acenaphthene-d10	10.00	164	334454	20.00	ng	-0.01
63) Phenanthrene-d10	11.48	188	520806	20.00	ng	-0.01
75) Chrysene-d12	14.12	240	469845	20.00	ng	-0.02
86) Perylene-d12	15.59	264	354111	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	1005690	107.00	ng	-0.01
7) Phenol-d6	6.59	99	1471585	121.69	ng	-0.01
23) Nitrobenzene-d5	7.50	82	867428	75.08	ng	-0.03
41) 2,4,6-Tribromophenol	10.80	330	269021	111.21	ng	-0.01
44) 2-Fluorobiphenyl	9.31	172	1443248	78.18	ng	-0.02
78) Terphenyl-d14	13.07	244	1212335	60.63	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.50	70	112861	14.66	ng	# 85
25) Isophorone	7.50	82	814492	37.83	ng	# 65
32) Benzoic acid	7.89	122	400	7.23	ng	# 23
50) 2,6-Dinitrotoluene	10.00	165	44816	9.21	ng	# 30
56) 2,4-Dinitrotoluene	10.00	165	44808	6.92	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.78	198	391	2.79	ng	# 1

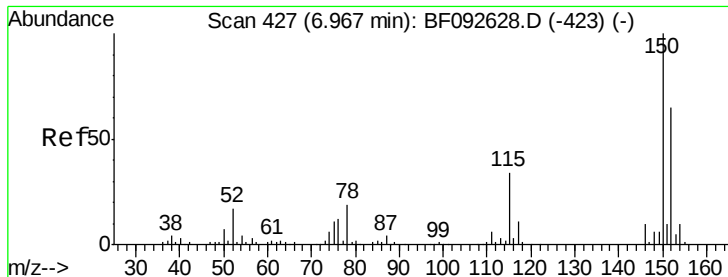
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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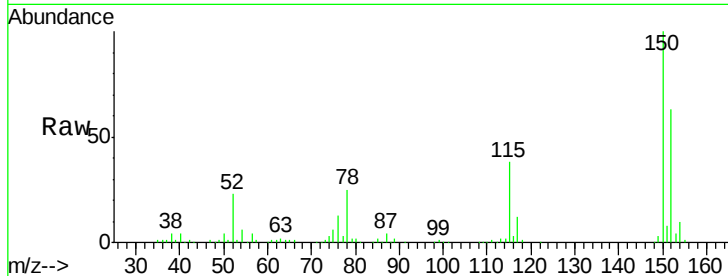


#1

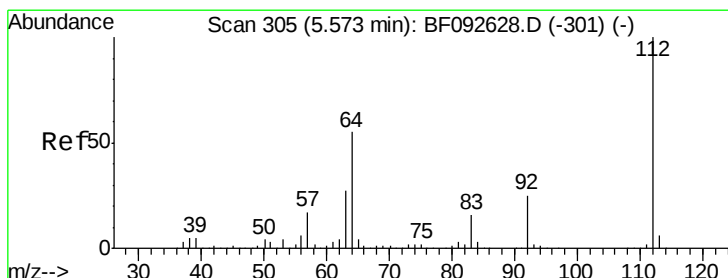
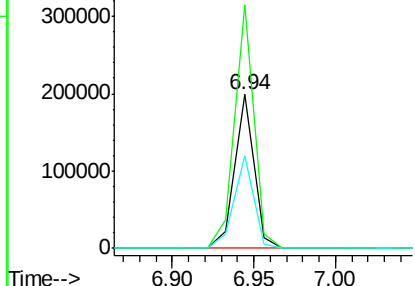
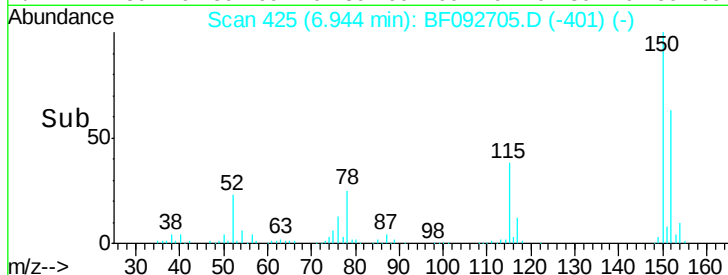
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.94 min Scan# 425
Delta R.T. -0.02 min
Lab File: BF092705.D
Acq: 1 Feb 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB96625BL

Tot Ion:152 Resp: 161250
Ion Ratio Lower Upper
152 100
150 158.6 124.9 187.3
115 60.0 46.0 69.0



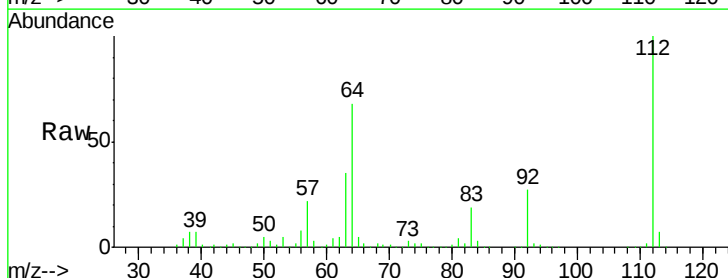
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



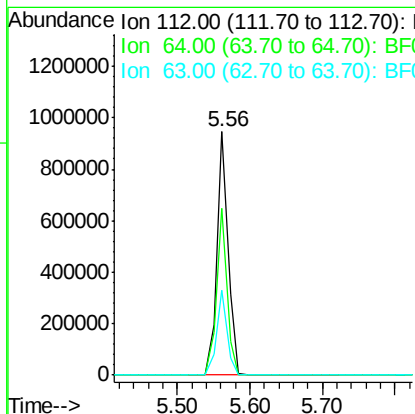
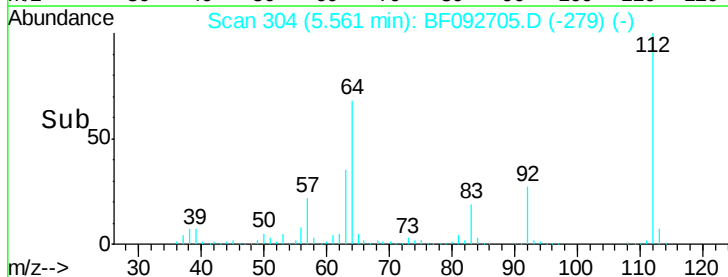
#5

2-Fluorophenol
Concen: 107.00 ng
RT: 5.56 min Scan# 304
Delta R.T. -0.01 min
Lab File: BF092705.D
Acq: 1 Feb 2017 15:41

Tgt Ion:112 Resp: 1005690
Ion Ratio Lower Upper
112 100
64 68.3 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: 121.69 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.01 min

Lab File: BF092705.D

Acq: 1 Feb 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96625BL

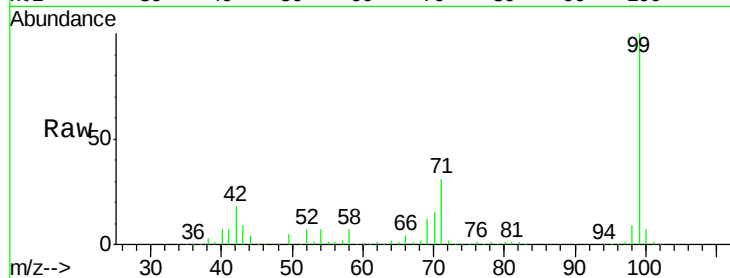
Tot Ion: 99 Resp: 1471585

Ion Ratio Lower Upper

99 100

42 18.3 15.6 23.4

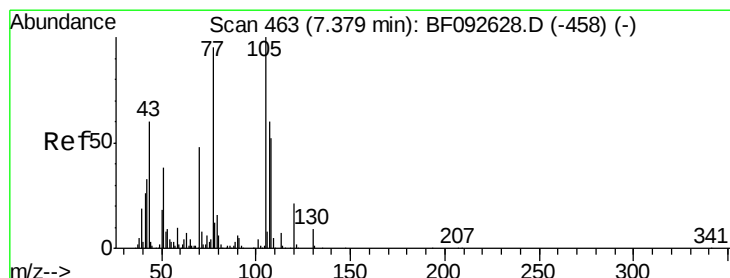
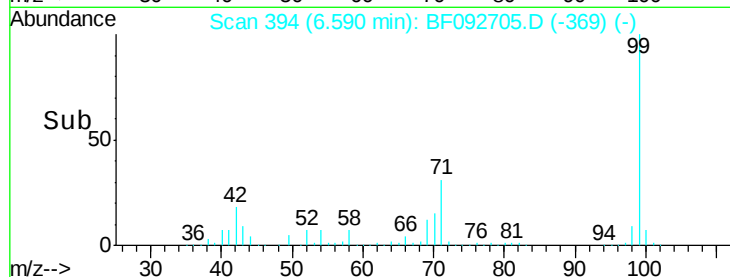
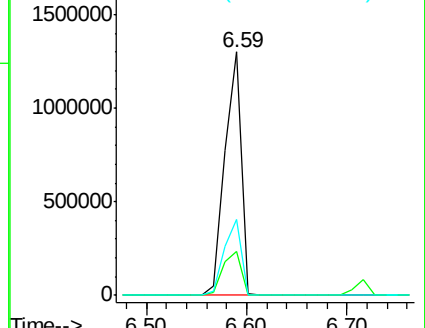
71 31.1 27.5 41.3



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: 14.66 ng

RT: 7.50 min Scan# 474

Delta R.T. 0.13 min

Lab File: BF092705.D

Acq: 1 Feb 2017 15:41

Tgt Ion: 70 Resp: 112861

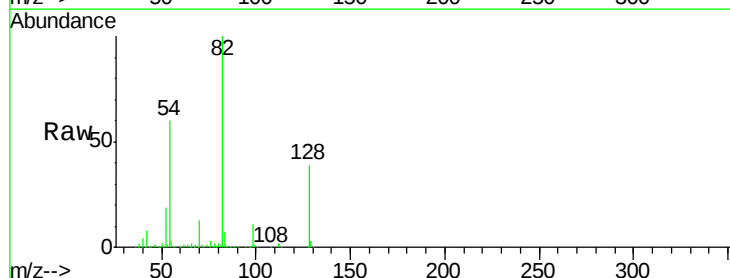
Ion Ratio Lower Upper

70 100

42 56.4 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

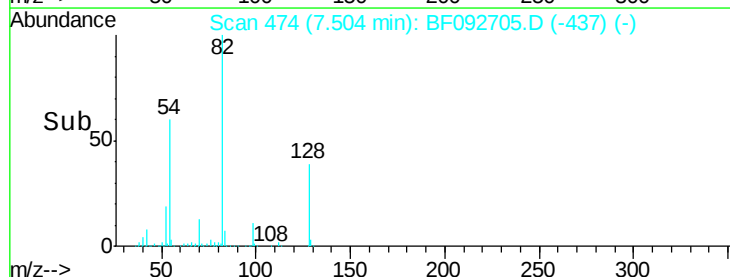
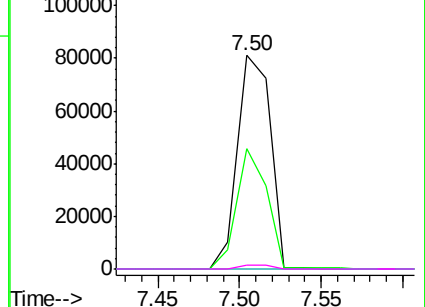


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

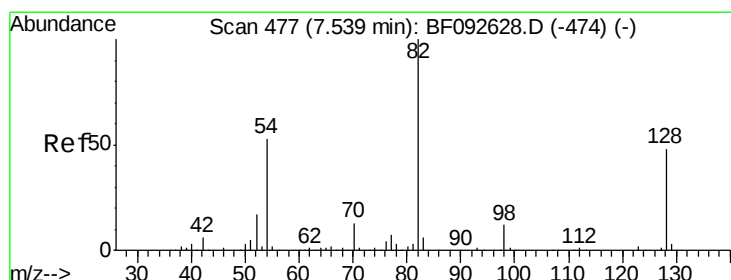
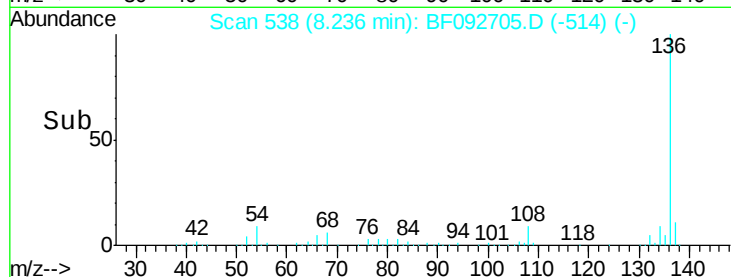
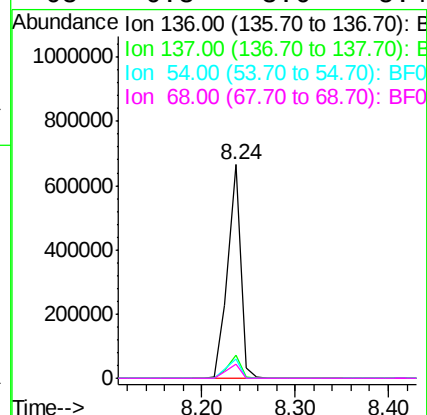
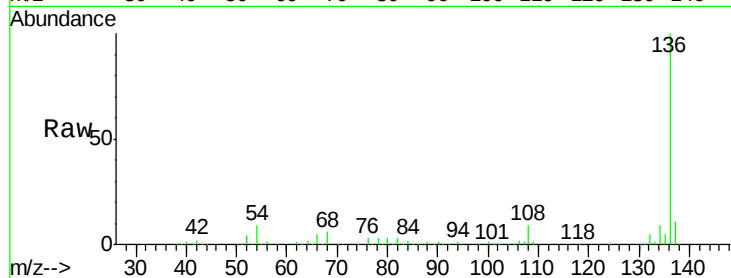




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.24 min Scan# 538
Delta R.T. -0.02 min
Lab File: BF092705.D
Acq: 1 Feb 2017 15:41

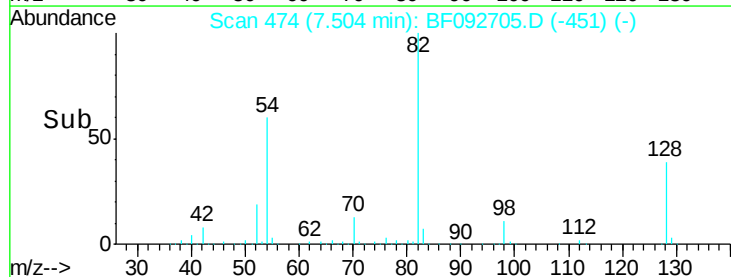
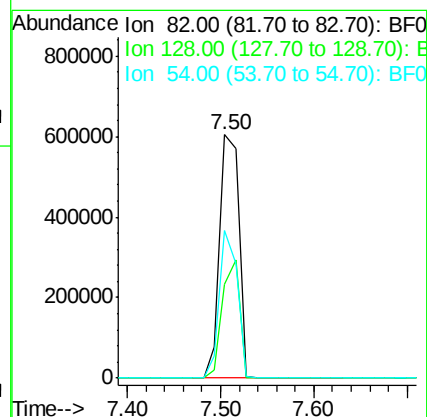
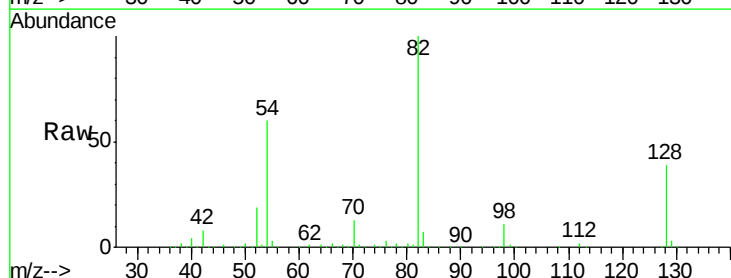
Instrument :
BNA_F
ClientSampleId :
PB96625BL

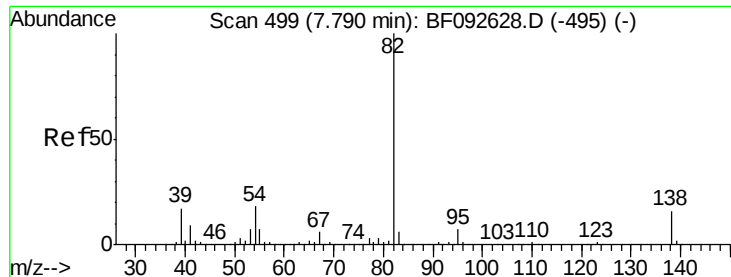
Tot Ion:136	Resp:	643366
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.4 12.6
54	8.8	4.5 6.7#
68	6.3	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 75.08 ng
RT: 7.50 min Scan# 474
Delta R.T. -0.03 min
Lab File: BF092705.D
Acq: 1 Feb 2017 15:41

Tgt Ion: 82	Resp:	867428
Ion Ratio	Lower	Upper
82	100	
128	38.6	34.6 52.0
54	60.5	39.5 59.3#





#25

Isophorone

Concen: 37.83 ng

RT: 7.50 min Scan# 474

Delta R.T. -0.29 min

Lab File: BF092705.D

Acq: 1 Feb 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96625BL

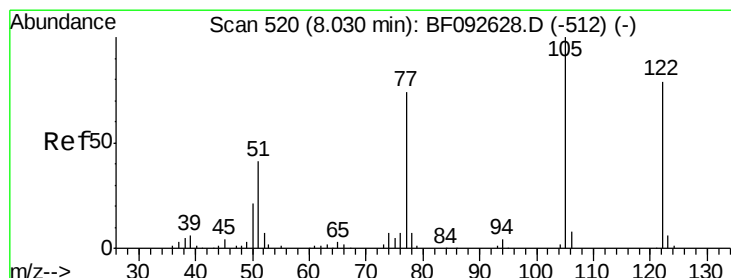
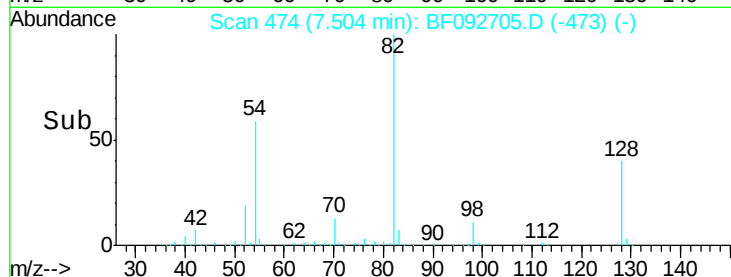
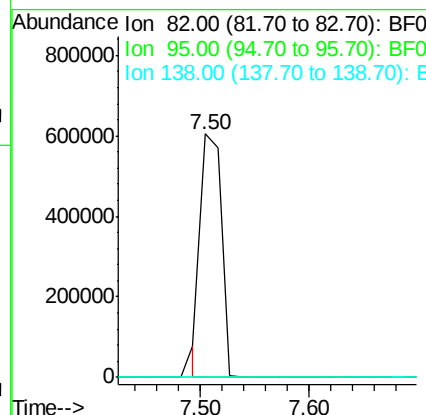
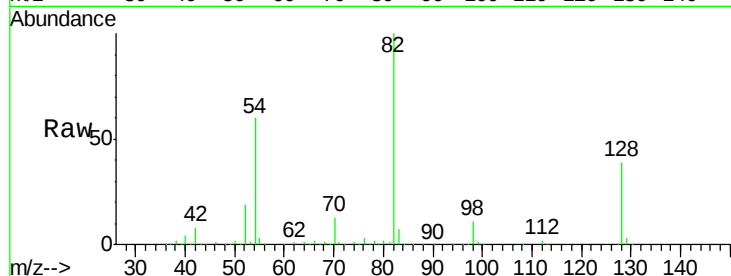
Tot Ion: 82 Resp: 814492

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#32

Benzoic acid

Concen: 7.23 ng

RT: 7.89 min Scan# 508

Delta R.T. -0.14 min

Lab File: BF092705.D

Acq: 1 Feb 2017 15:41

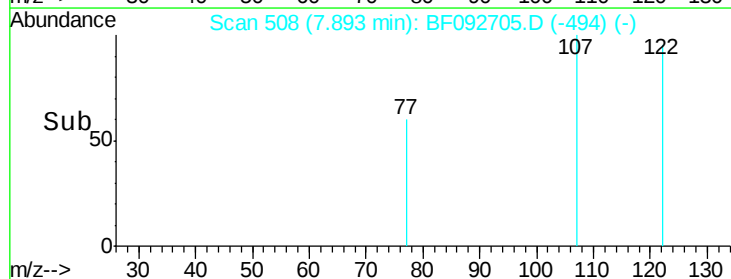
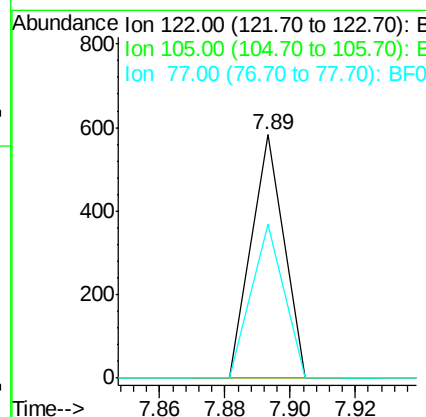
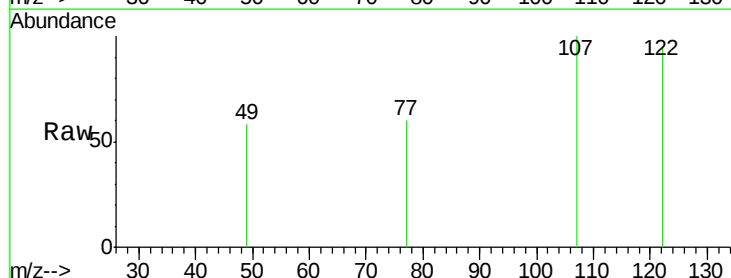
Tgt Ion: 122 Resp: 400

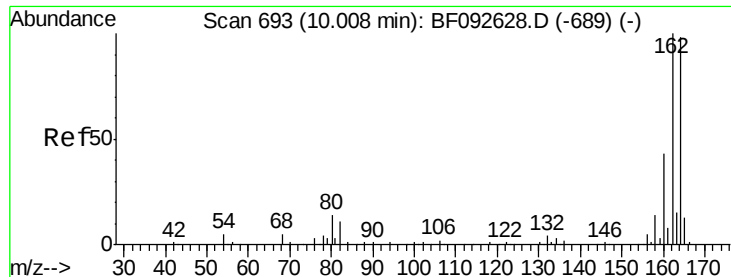
Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

77 63.5 74.5 114.5#

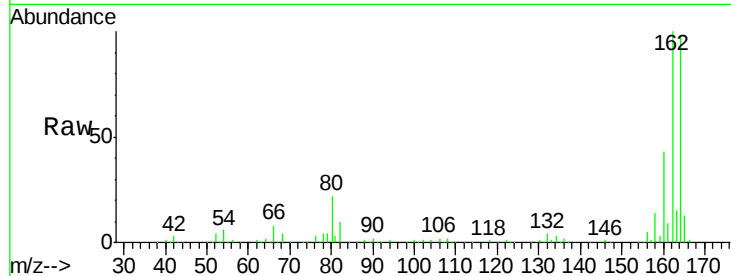




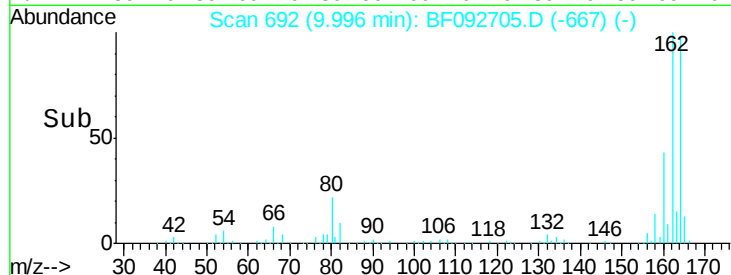
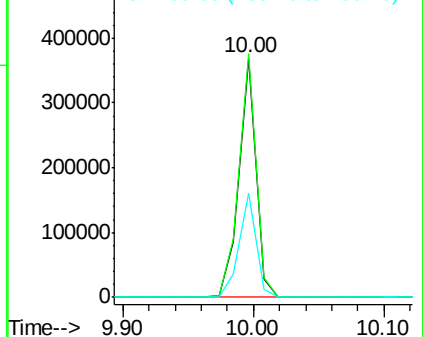
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.00 min Scan# 692
Delta R.T. -0.01 min
Lab File: BF092705.D
Acq: 1 Feb 2017 15:41

Instrument :
BNA_F
ClientSampleId :
PB96625BL

Tot Ion:164 Resp: 334454
Ion Ratio Lower Upper
164 100
162 102.1 80.2 120.2
160 43.5 36.9 55.3

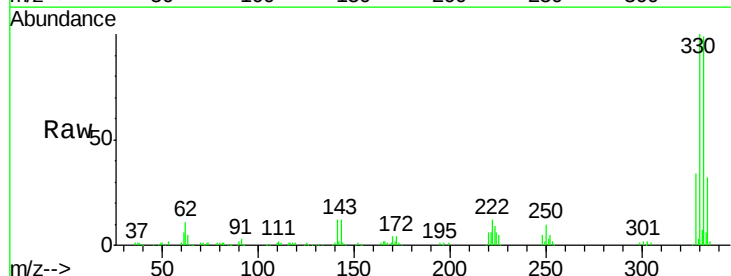


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

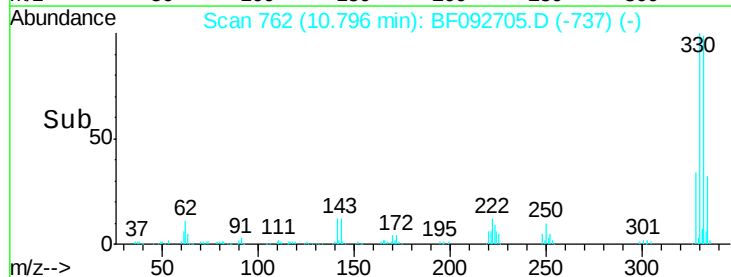
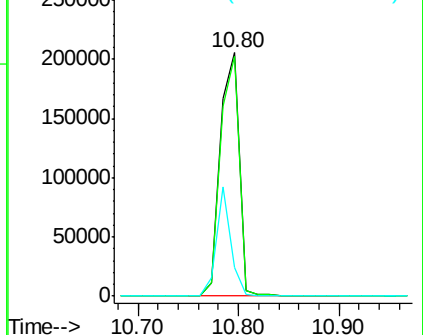


#41
2,4,6-Tribromophenol
Concen: 111.21 ng
RT: 10.80 min Scan# 762
Delta R.T. -0.01 min
Lab File: BF092705.D
Acq: 1 Feb 2017 15:41

Tgt Ion:330 Resp: 269021
Ion Ratio Lower Upper
330 100
332 97.7 77.4 116.2
141 34.4 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

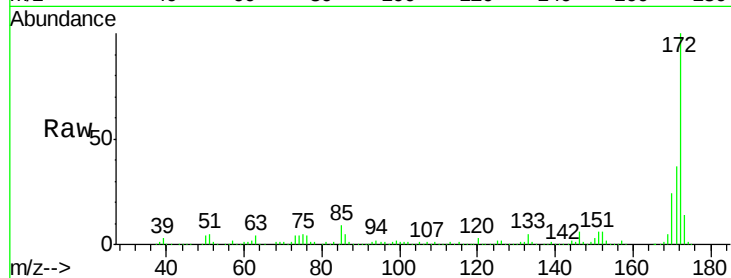




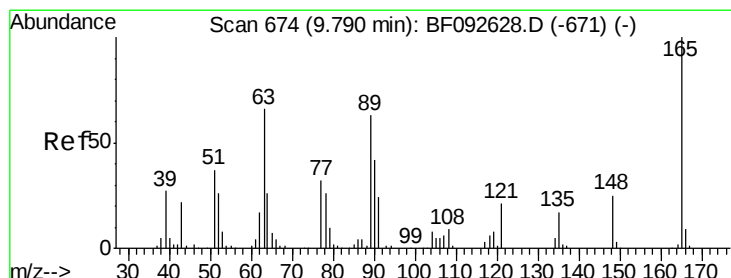
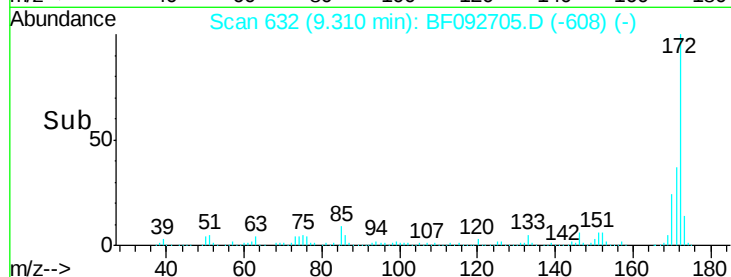
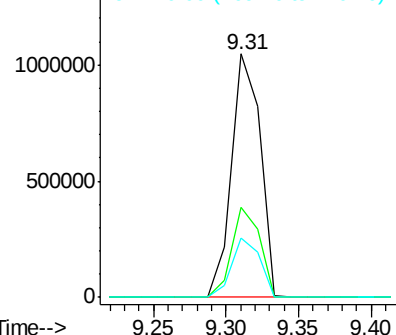
#44
 2-Fluorobiphenyl
 Concen: 78.18 ng
 RT: 9.31 min Scan# 632
 Delta R.T. -0.02 min
 Lab File: BF092705.D
 Acq: 1 Feb 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96625BL

Tot Ion:172 Resp: 1443248
 Ion Ratio Lower Upper
 172 100
 171 37.1 29.4 44.0
 170 24.2 20.2 30.4

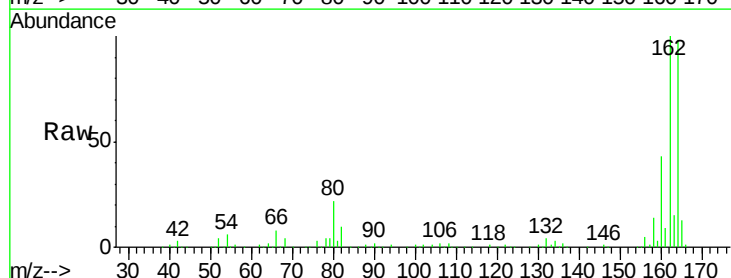


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

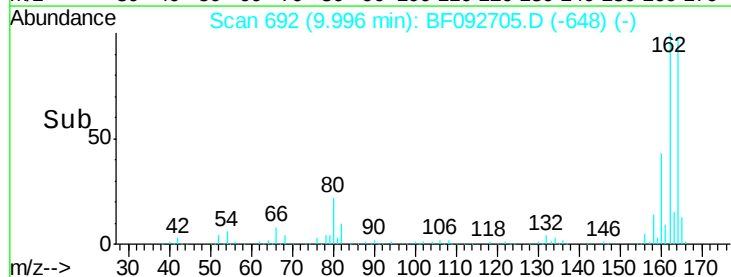
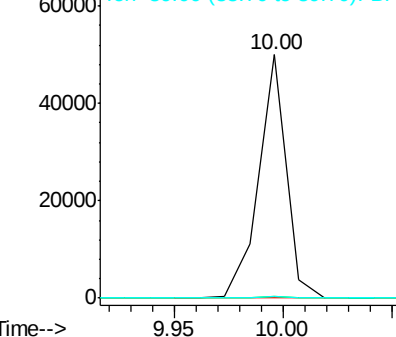


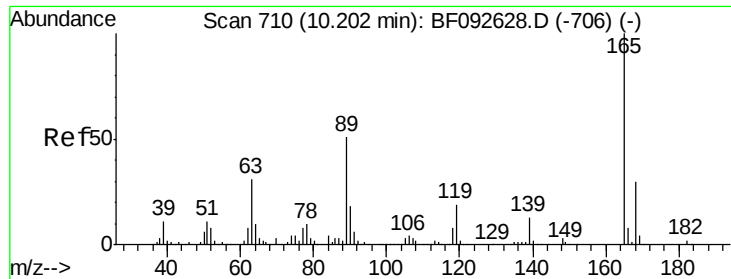
#50
 2,6-Dinitrotoluene
 Concen: 9.21 ng
 RT: 10.00 min Scan# 692
 Delta R.T. 0.21 min
 Lab File: BF092705.D
 Acq: 1 Feb 2017 15:41

Tgt Ion:165 Resp: 44816
 Ion Ratio Lower Upper
 165 100
 63 0.6 36.2 54.4#
 89 0.9 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

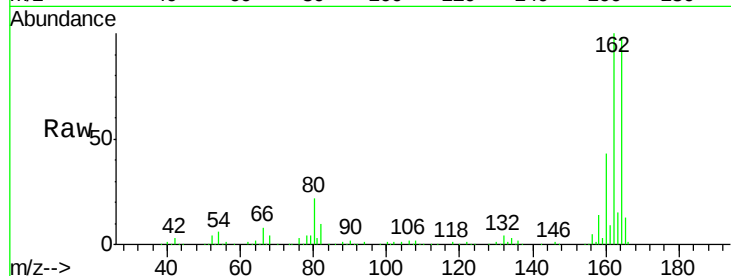




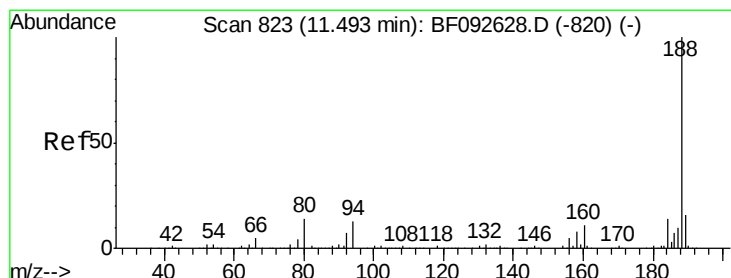
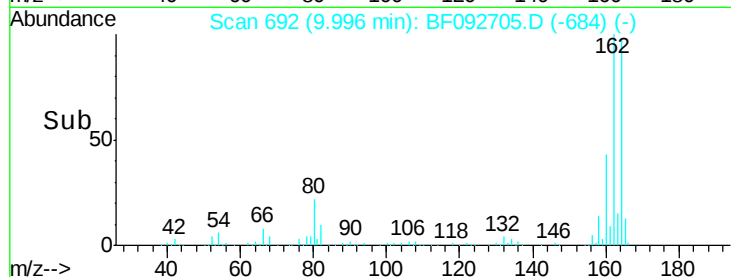
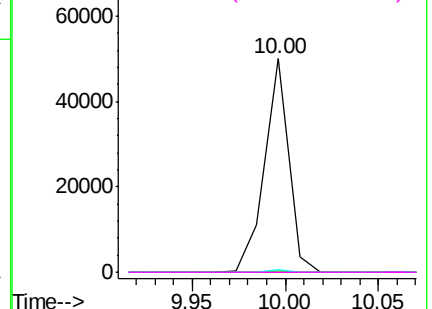
#56
 2,4-Dinitrotoluene
 Concen: 6.92 ng
 RT: 10.00 min Scan# 692
 Delta R.T. -0.21 min
 Lab File: BF092705.D
 Acq: 1 Feb 2017 15:41

Instrument :
 BNA_F
 ClientSampleId :
 PB96625BL

Tot Ion	Ratio	Lower	Upper
165	100		
63	0.6	40.2	60.4#
89	0.9	62.5	93.7#
182	0.0	1.8	2.8#

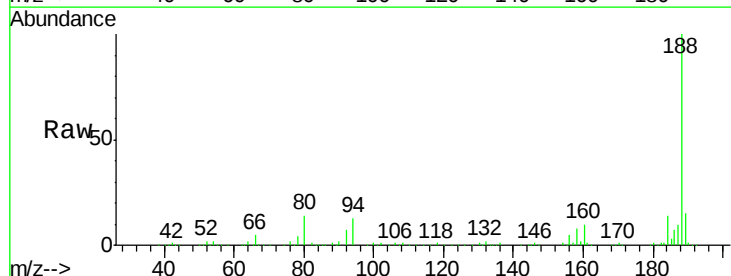


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

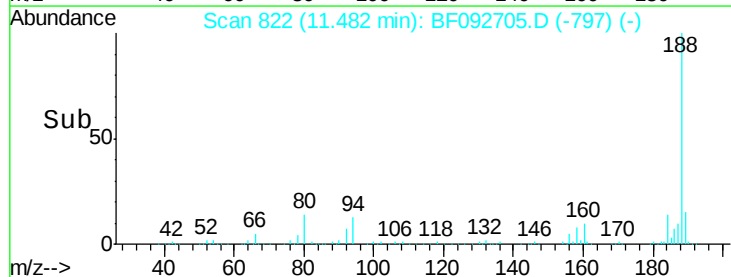
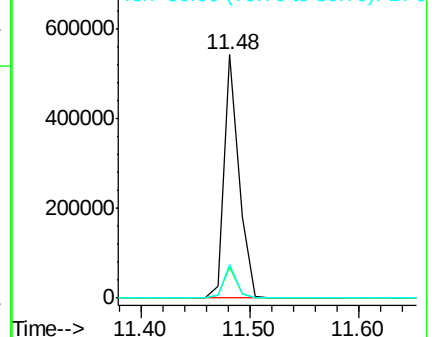


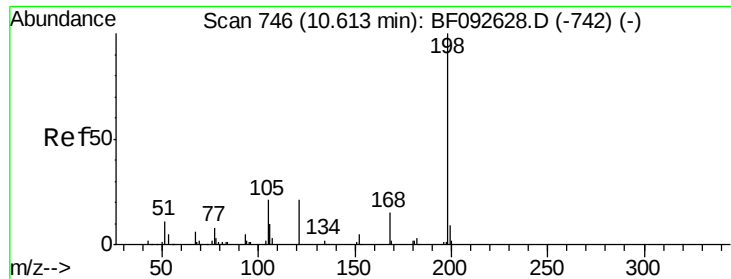
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.48 min Scan# 822
 Delta R.T. -0.01 min
 Lab File: BF092705.D
 Acq: 1 Feb 2017 15:41

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.6	10.0	15.0
80	14.0	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





#64

4,6-Dinitro-2-methylphenol

Concen: 2.79 ng

RT: 10.78 min Scan# 761

Delta R.T. 0.17 min

Lab File: BF092705.D

Acq: 1 Feb 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96625BL

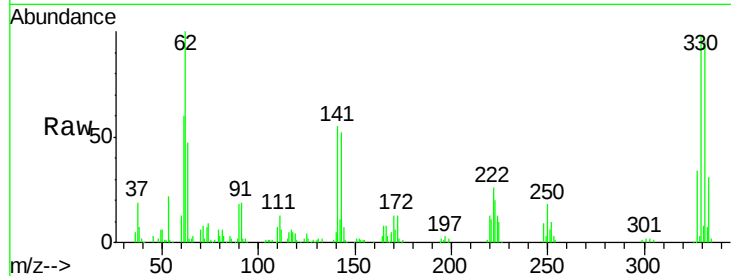
Tot Ion:198 Resp: 391

Ion Ratio Lower Upper

198 100

51 269.1 6.7 46.7#

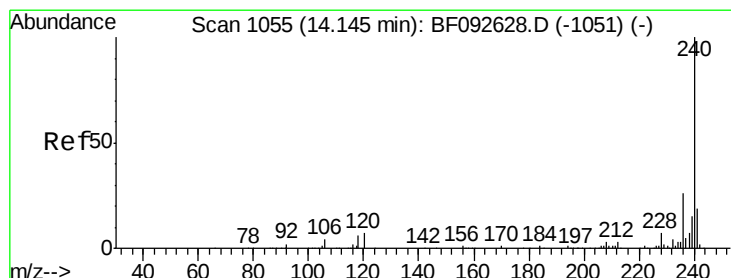
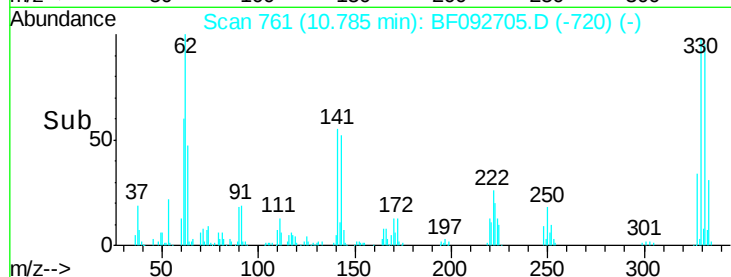
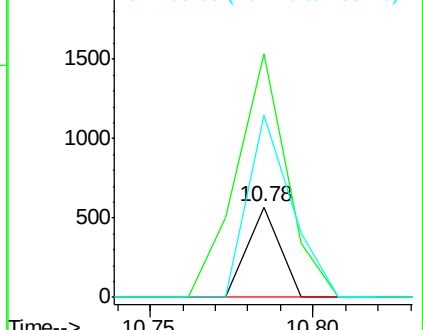
105 201.2 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF0

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.12 min Scan# 1053

Delta R.T. -0.02 min

Lab File: BF092705.D

Acq: 1 Feb 2017 15:41

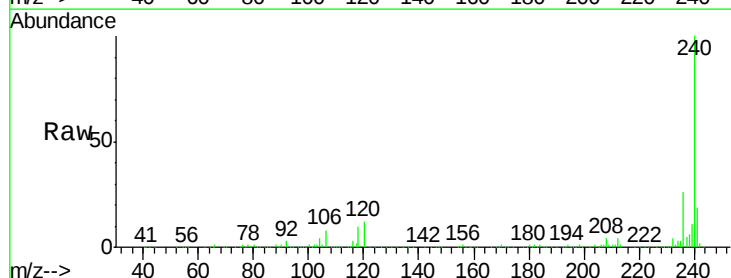
Tgt Ion:240 Resp: 469845

Ion Ratio Lower Upper

240 100

120 11.6 12.9 19.3#

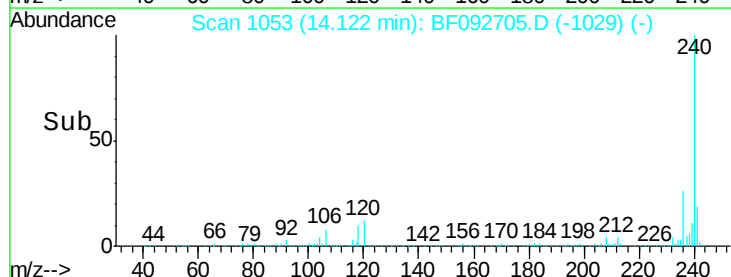
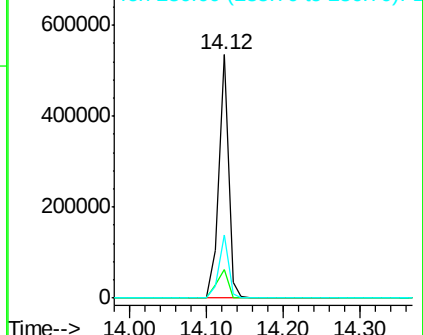
236 25.9 20.9 31.3

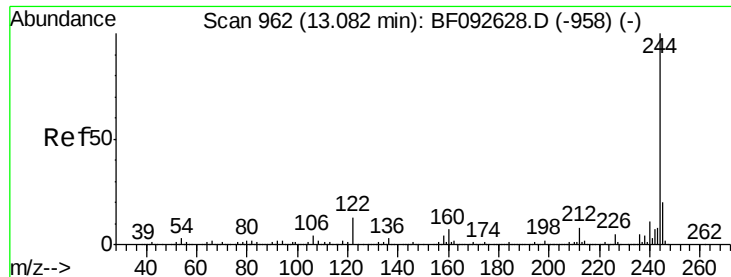


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 60.63 ng

RT: 13.07 min Scan# 961

Delta R.T. -0.01 min

Lab File: BF092705.D

Acq: 1 Feb 2017 15:41

Instrument :

BNA_F

ClientSampleId :

PB96625BL

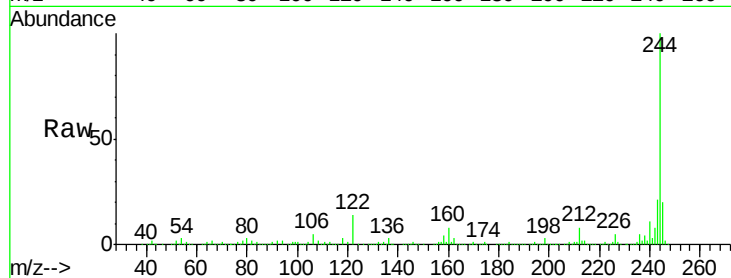
Tot Ion:244 Resp: 1212335

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

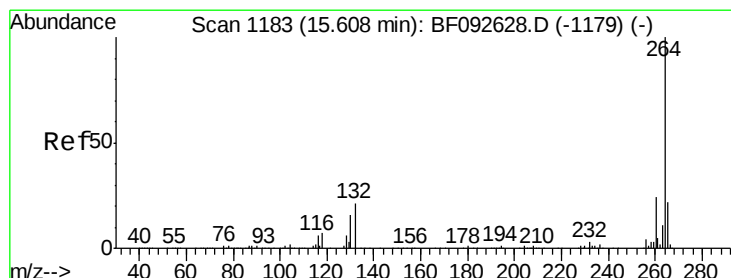
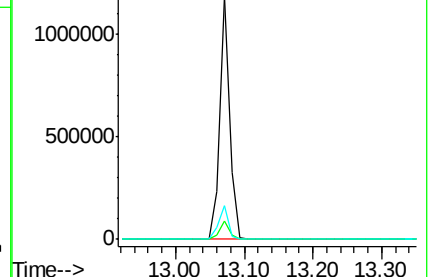
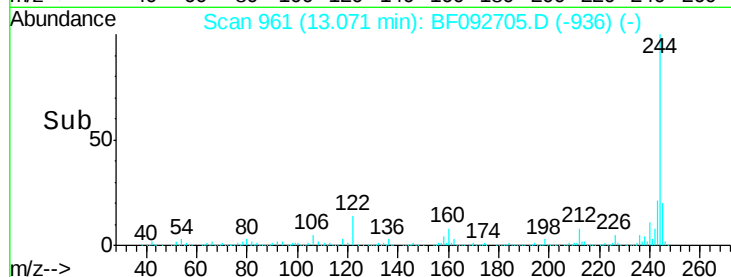
122 13.8 11.4 17.2



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: 15.59 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF092705.D

Acq: 1 Feb 2017 15:41

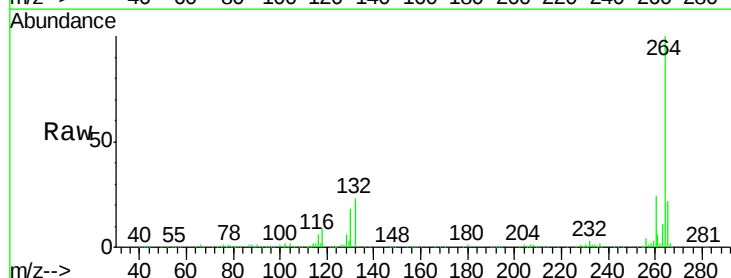
Tgt Ion:264 Resp: 354111

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 21.9 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

