

Data Path : Z:\HPCHEM1\BNA F\Data\BF013017\
 Data File : BF092672.D
 Acq On : 31 Jan 2017 9:56
 Operator : SJ/MA
 Sample : I1551-03
 Misc :
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-37

Quant Time: Jan 31 10:29:06 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

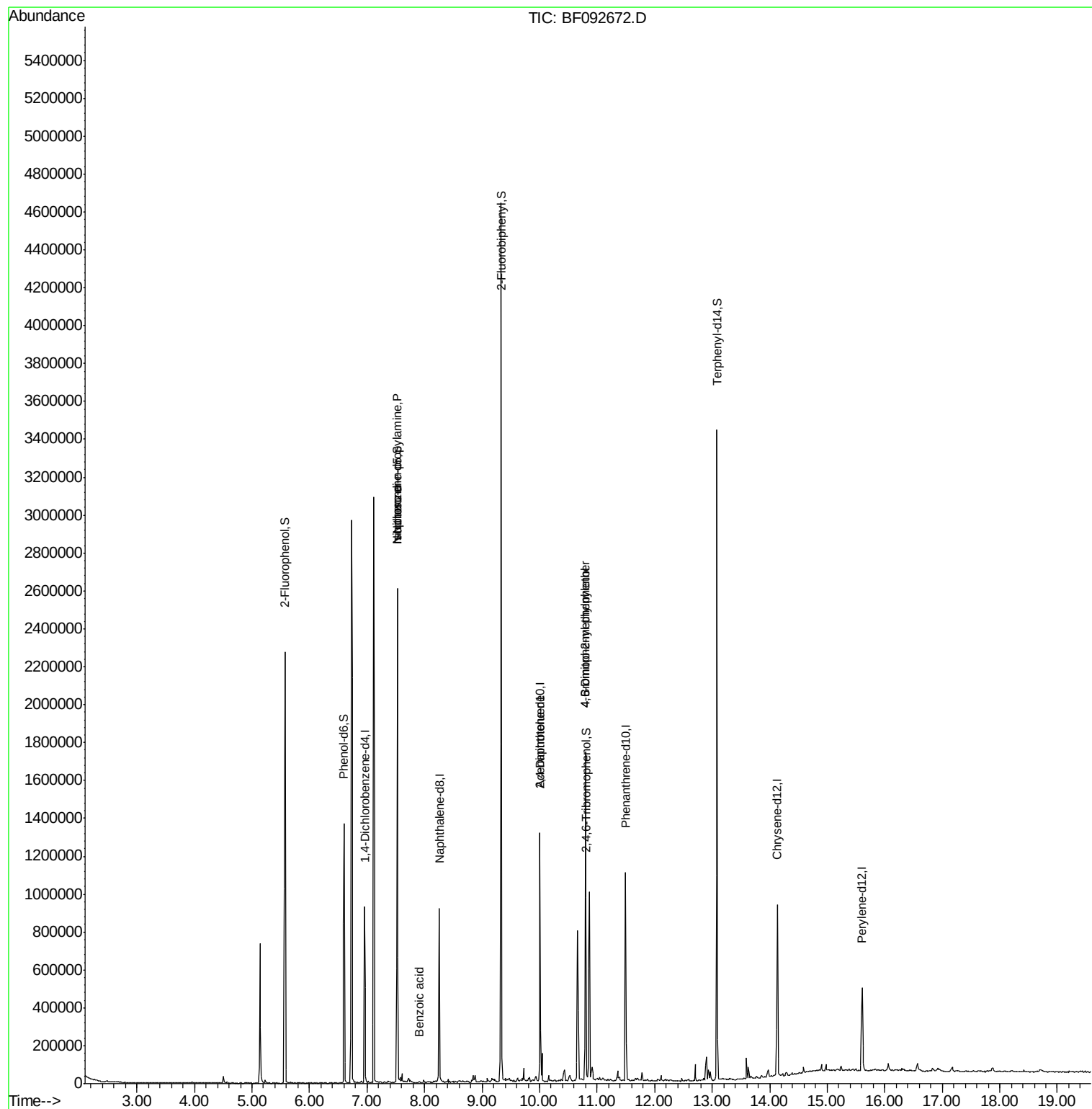
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	158702	20.00	ng	-0.01
21) Naphthalene-d8	8.26	136	618747	20.00	ng	0.00
38) Acenaphthene-d10	10.01	164	269629	20.00	ng	0.00
63) Phenanthrene-d10	11.49	188	372224	20.00	ng	0.00
75) Chrysene-d12	14.13	240	310154	20.00	ng	-0.01
86) Perylene-d12	15.61	264	211427	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	650552	70.33	ng	0.00
7) Phenol-d6	6.60	99	526176	44.21	ng	0.00
23) Nitrobenzene-d5	7.53	82	902018	81.18	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	243165	124.69	ng	0.00
44) 2-Fluorobiphenyl	9.33	172	1553246	104.36	ng	0.00
78) Terphenyl-d14	13.08	244	1049562	79.51	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	119493	15.77	ng	# 85
25) Isophorone	7.53	82	757415	36.58	ng	# 65
32) Benzoic acid	7.90	122	405	7.23	ng	# 28
56) 2,4-Dinitrotoluene	10.01	165	35349	6.77	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.80	198	342	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.80	248	16042	4.13	ng	# 1

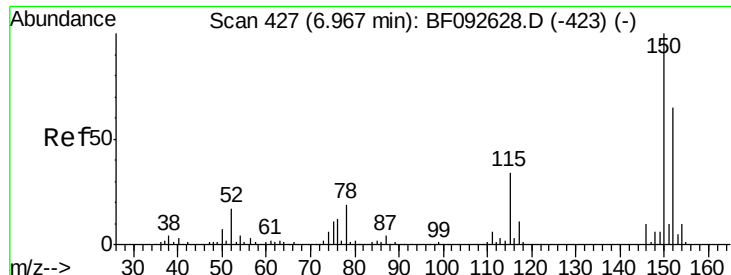
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Jan 30 14:50:05 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.96 min Scan# 426

Delta R.T. -0.01 min

Lab File: BF092672.D

Acq: 31 Jan 2017 9:56

Instrument :

BNA_F

ClientSampled :

W-37

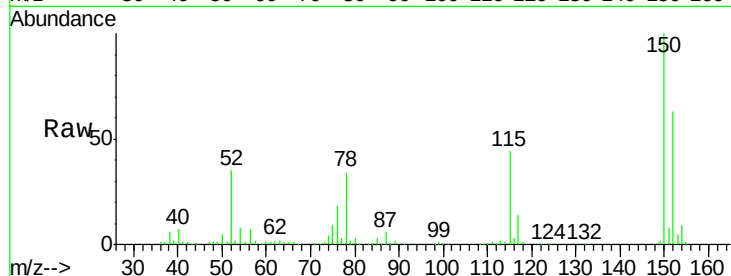
Tot Ion:152 Resp: 158702

Ion Ratio Lower Upper

152 100

150 160.0 124.9 187.3

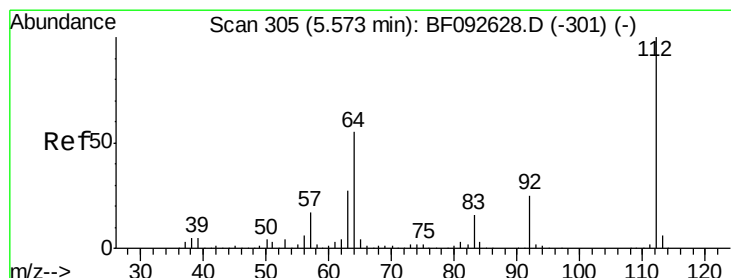
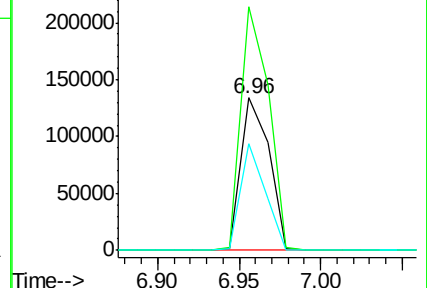
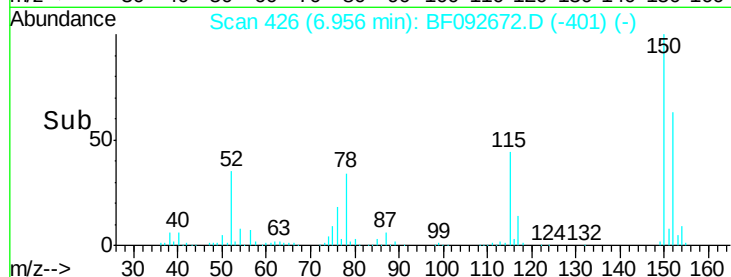
115 70.3 46.0 69.0#



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: 70.33 ng

RT: 5.57 min Scan# 305

Delta R.T. 0.00 min

Lab File: BF092672.D

Acq: 31 Jan 2017 9:56

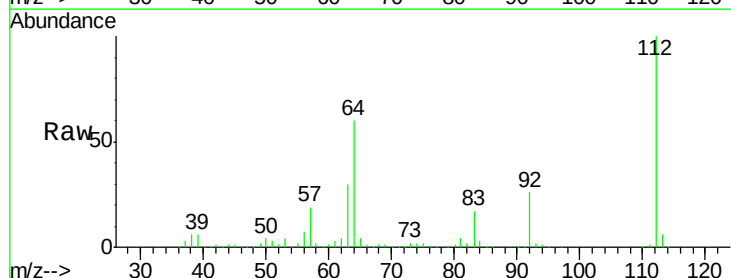
Tgt Ion:112 Resp: 650552

Ion Ratio Lower Upper

112 100

64 60.1 46.1 69.1

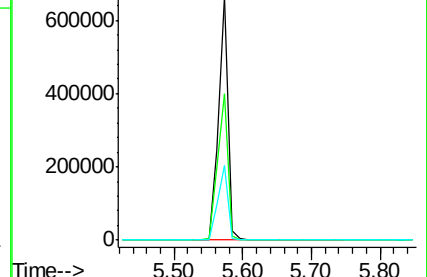
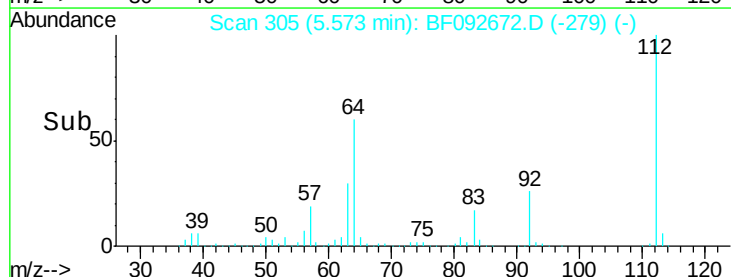
63 30.4 23.8 35.6

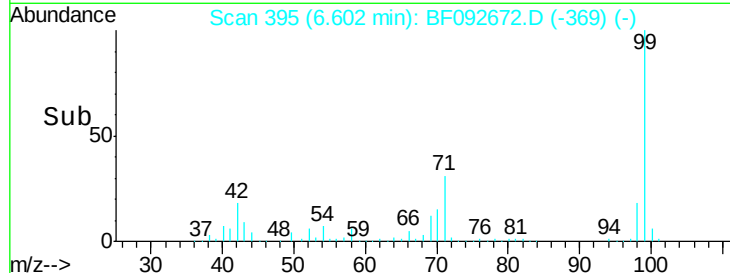
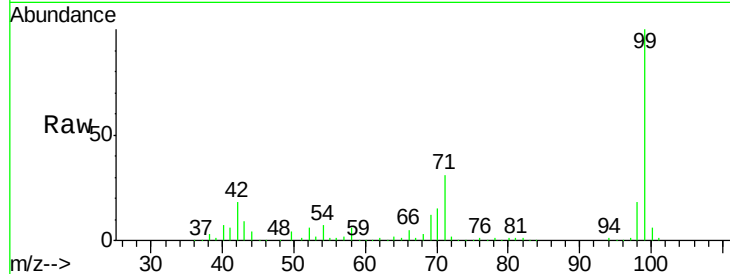
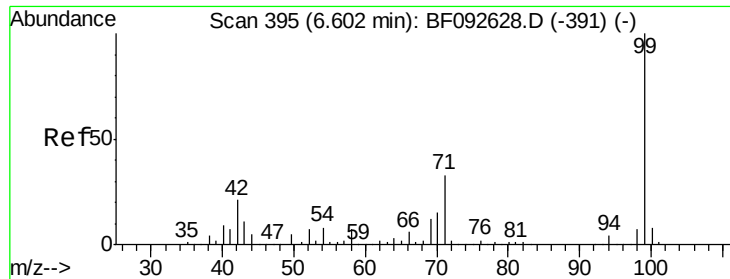


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 44.21 ng

RT: 6.60 min Scan# 395

Delta R.T. -0.00 min

Lab File: BF092672.D

Acq: 31 Jan 2017 9:56

Instrument :

BNA_F

ClientSampled :

W-37

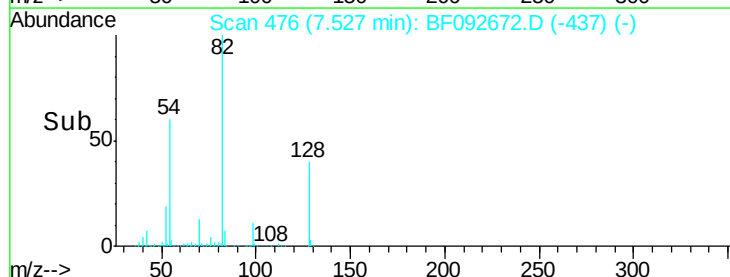
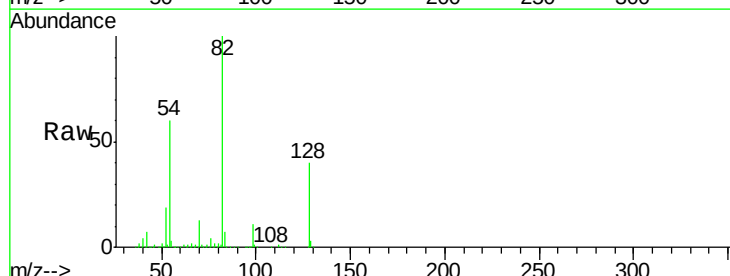
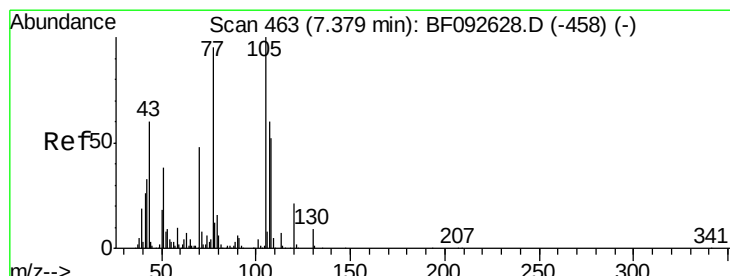
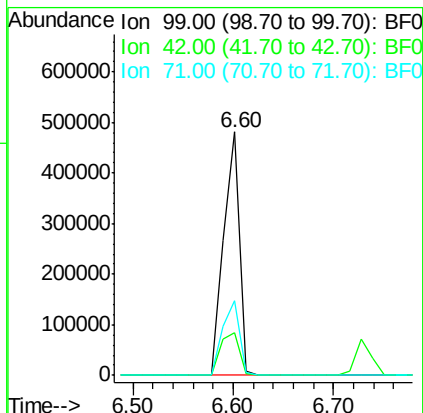
Tot Ion: 99 Resp: 526176

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

71 30.5 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.77 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.15 min

Lab File: BF092672.D

Acq: 31 Jan 2017 9:56

Tgt Ion: 70 Resp: 119493

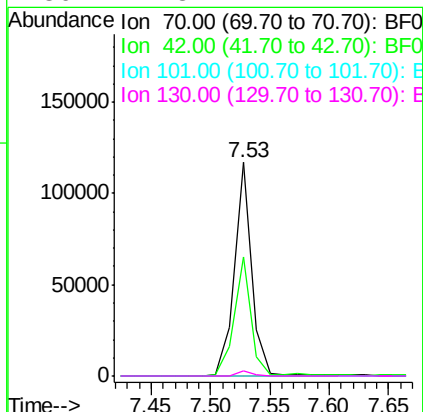
Ion Ratio Lower Upper

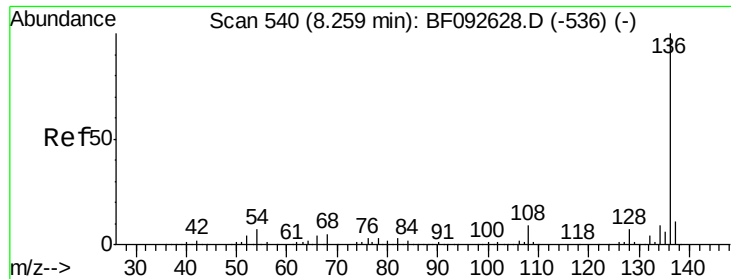
70 100

42 55.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

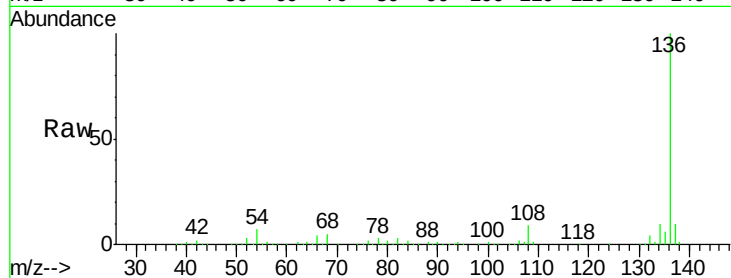




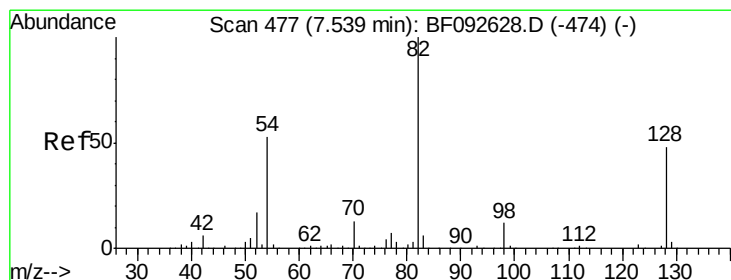
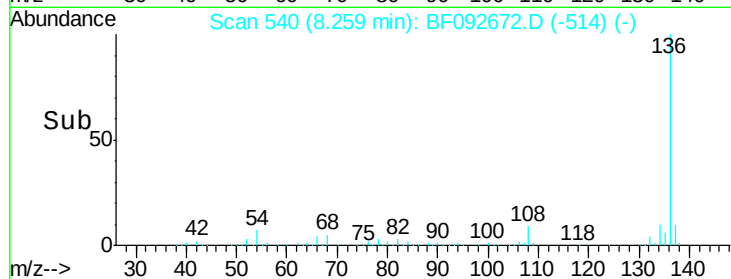
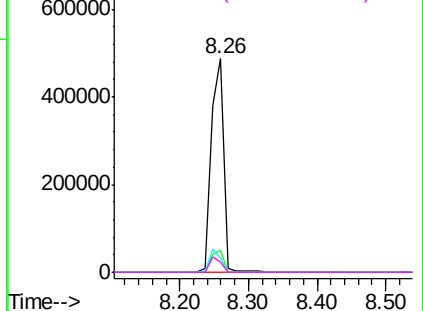
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.00 min
Lab File: BF092672.D
Acq: 31 Jan 2017 9:56

Instrument :
BNA_F
ClientSampleId :
W-37

Tot Ion:	136	Resp:	618747
Ion	Ratio	Lower	Upper
136	100		
137	10.2	8.4	12.6
54	6.7	4.5	6.7
68	4.9	3.6	5.4

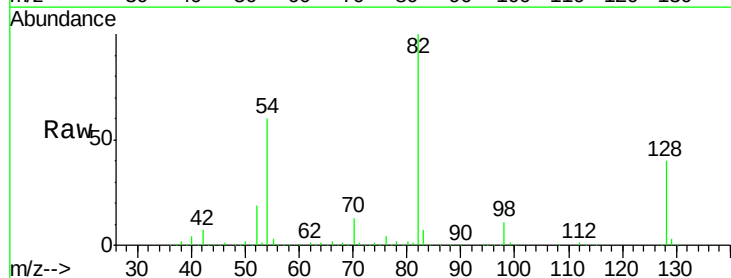


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

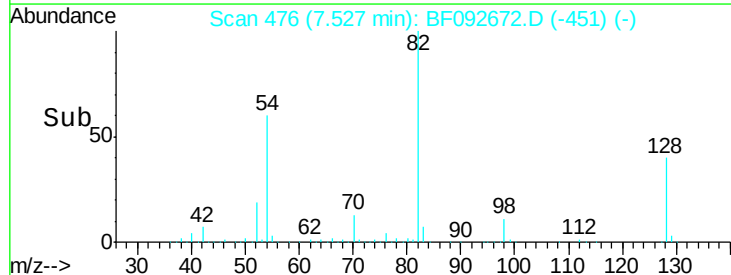
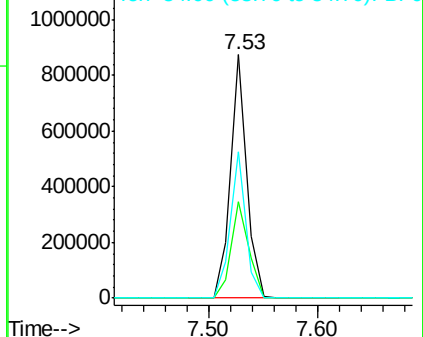


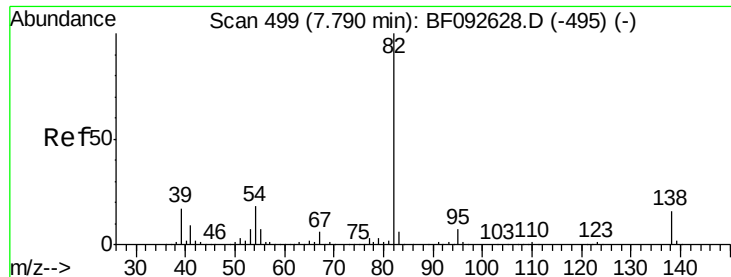
#23
Nitrobenzene-d5
Concen: 81.18 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092672.D
Acq: 31 Jan 2017 9:56

Tgt Ion:	82	Resp:	902018
Ion	Ratio	Lower	Upper
82	100		
128	39.8	34.6	52.0
54	60.1	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: 36.58 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.26 min

Lab File: BF092672.D

Acq: 31 Jan 2017 9:56

Instrument :

BNA_F

ClientSampled :

W-37

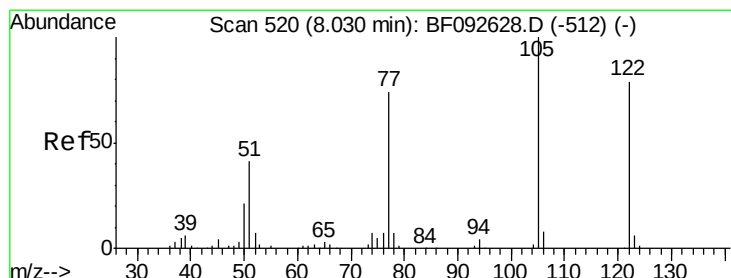
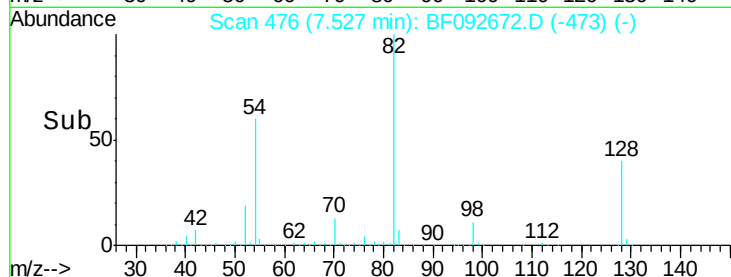
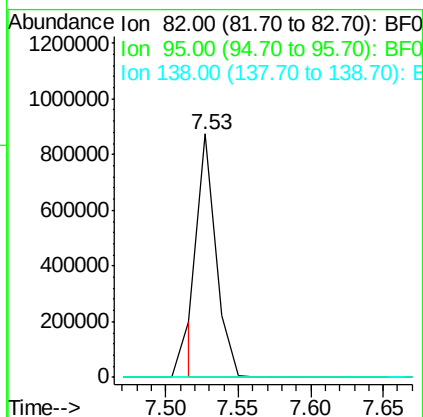
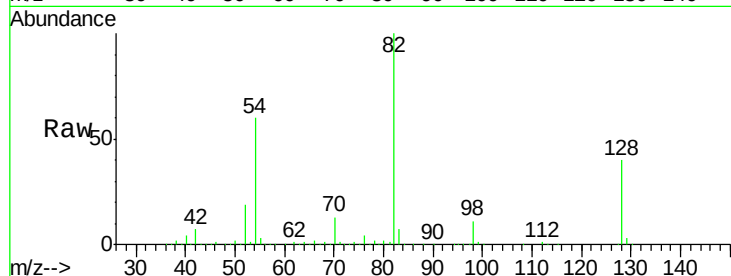
Tot Ion: 82 Resp: 757415

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: 7.90 min Scan# 509

Delta R.T. -0.13 min

Lab File: BF092672.D

Acq: 31 Jan 2017 9:56

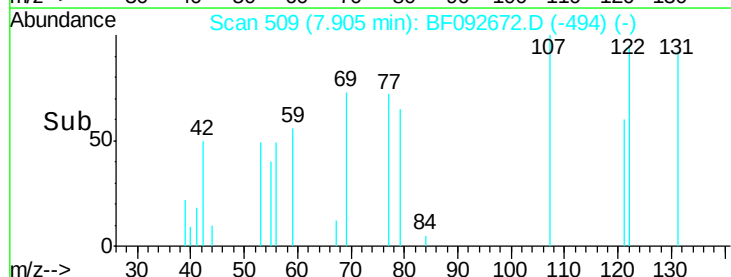
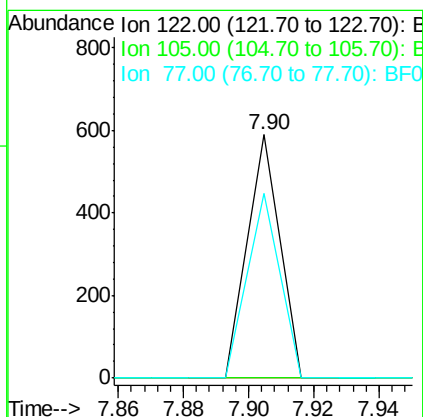
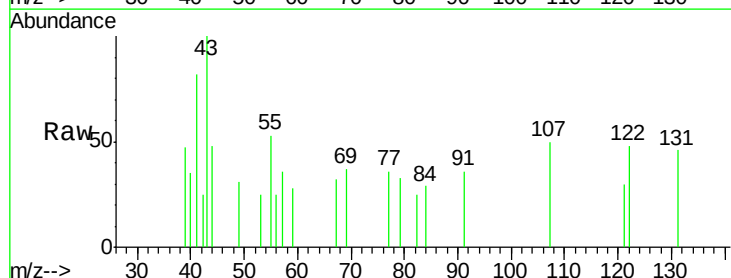
Tgt Ion: 122 Resp: 405

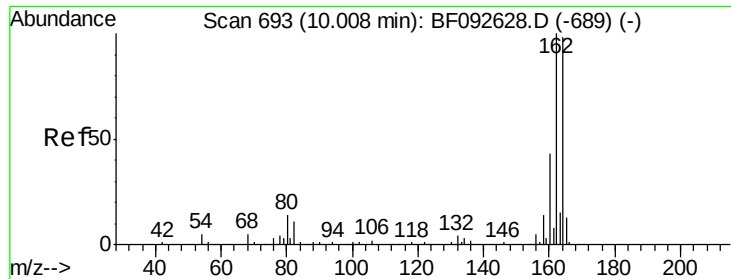
Ion Ratio Lower Upper

122 100

105 0.0 107.2 147.2#

77 75.9 74.5 114.5





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.01 min Scan# 693

Delta R.T. -0.00 min

Lab File: BF092672.D

Acq: 31 Jan 2017 9:56

Instrument :

BNA_F

ClientSampleId :

W-37

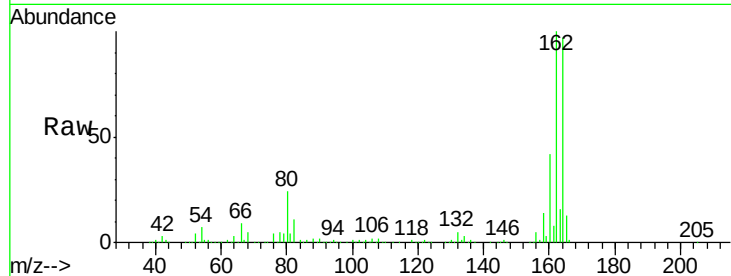
Tot Ion:164 Resp: 269629

Ion Ratio Lower Upper

164 100

162 103.1 80.2 120.2

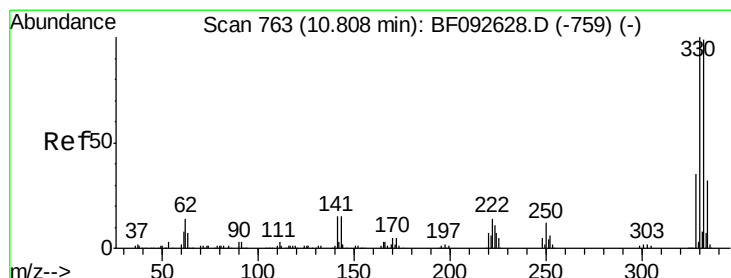
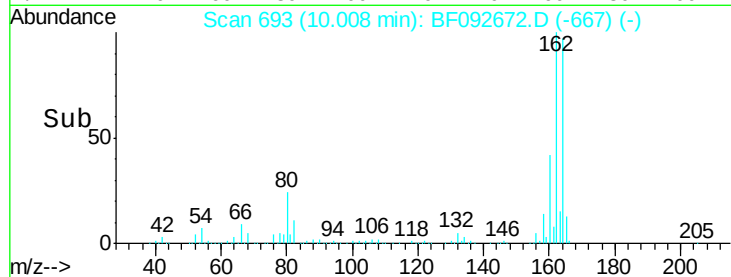
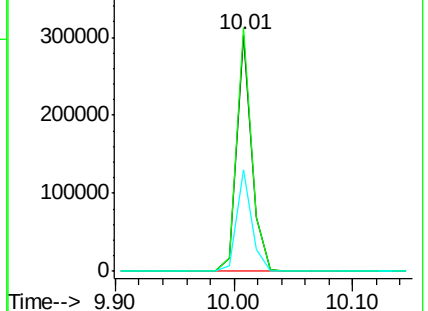
160 42.8 36.9 55.3



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: 124.69 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.00 min

Lab File: BF092672.D

Acq: 31 Jan 2017 9:56

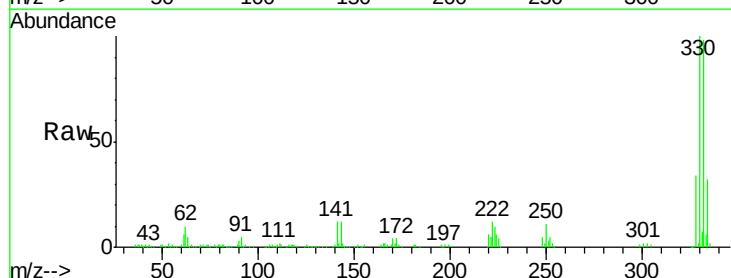
Tgt Ion:330 Resp: 243165

Ion Ratio Lower Upper

330 100

332 97.0 77.4 116.2

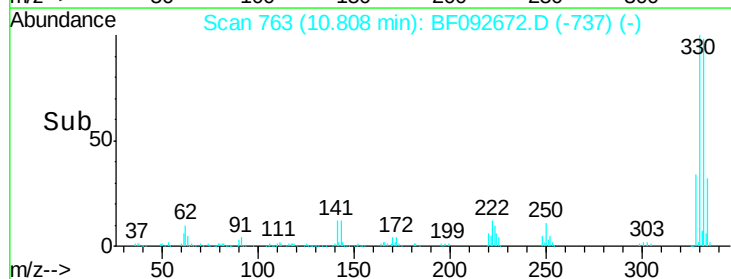
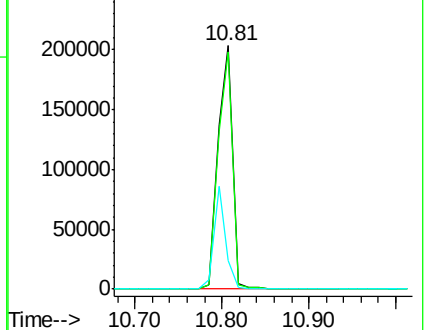
141 34.3 34.1 51.1

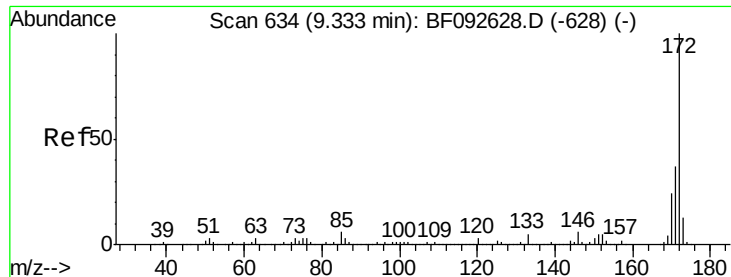


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

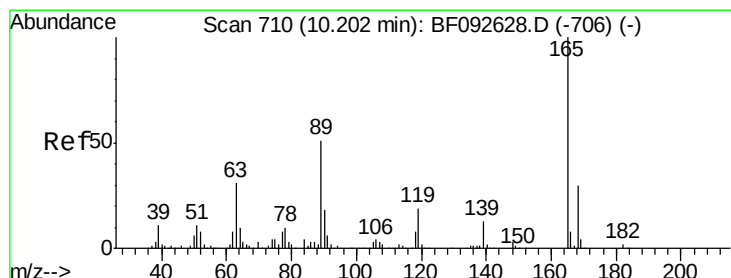
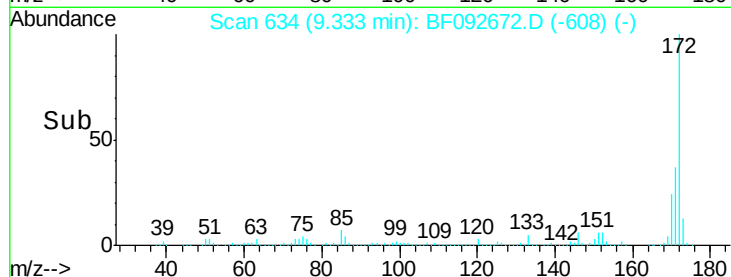
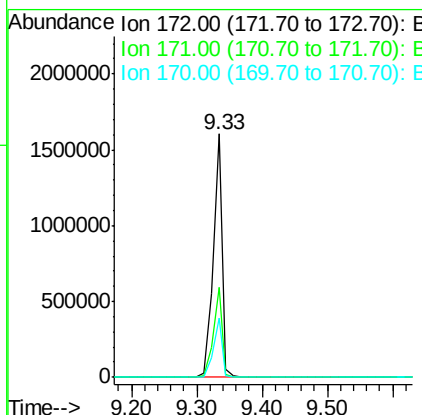
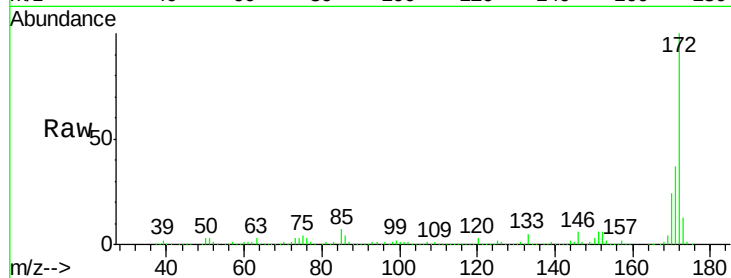




#44
 2-Fluorobiphenyl
 Concen: 104.36 ng
 RT: 9.33 min Scan# 634
 Delta R.T. -0.00 min
 Lab File: BF092672.D
 Acq: 31 Jan 2017 9:56

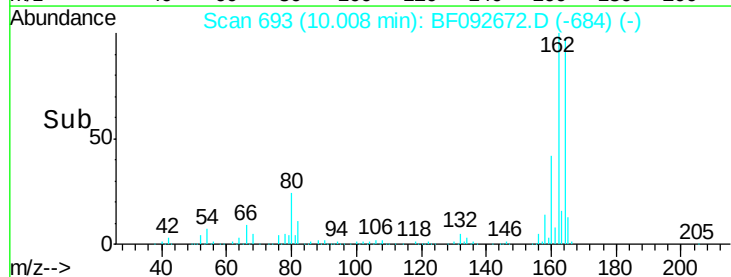
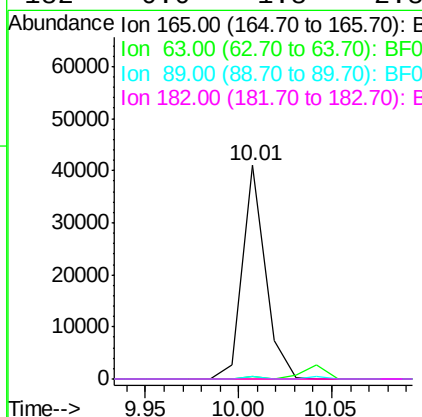
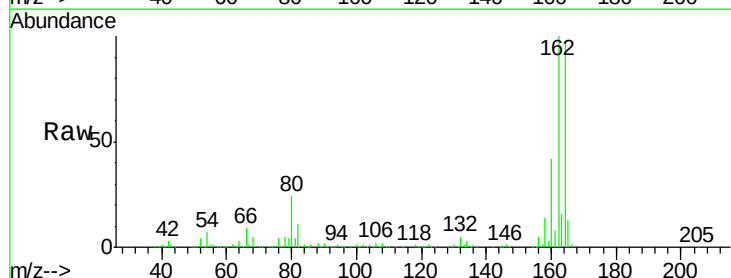
Instrument :
 BNA_F
 ClientSampleId :
 W-37

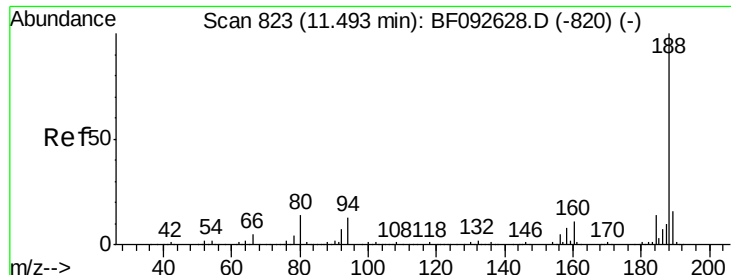
Tot Ion:172 Resp: 1553246
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.4 44.0
 170 24.5 20.2 30.4



#56
 2,4-Dinitrotoluene
 Concen: 6.77 ng
 RT: 10.01 min Scan# 693
 Delta R.T. -0.19 min
 Lab File: BF092672.D
 Acq: 31 Jan 2017 9:56

Tgt Ion:165 Resp: 35349
 Ion Ratio Lower Upper
 165 100
 63 1.4 40.2 60.4#
 89 1.0 62.5 93.7#
 182 0.0 1.8 2.8#

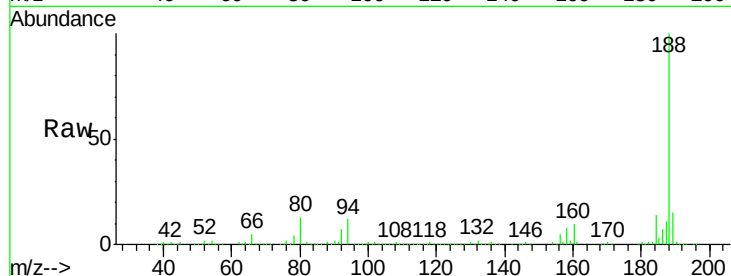




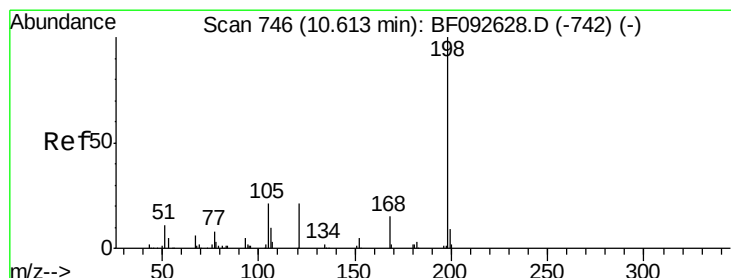
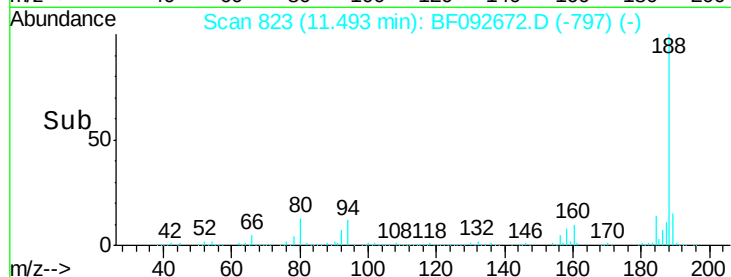
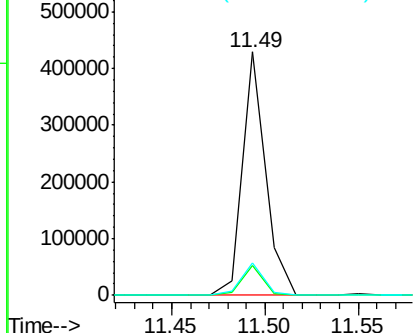
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.49 min Scan# 823
Delta R.T. -0.00 min
Lab File: BF092672.D
Acq: 31 Jan 2017 9:56

Instrument :
BNA_F
ClientSampleId :
W-37

Tot Ion:188 Resp: 372224
Ion Ratio Lower Upper
188 100
94 12.5 10.0 15.0
80 13.1 11.2 16.8

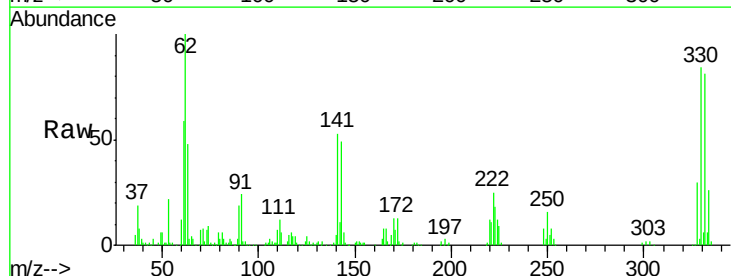


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

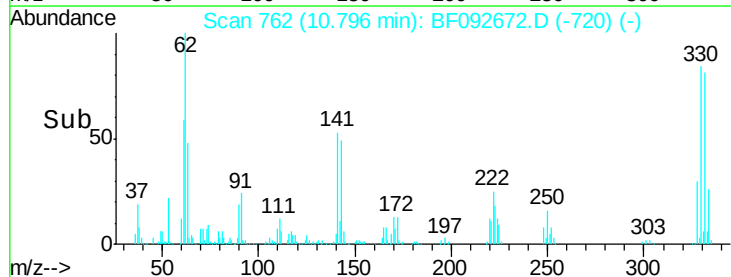
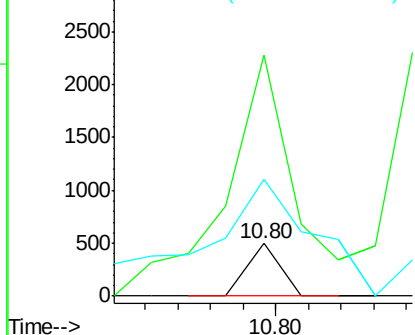


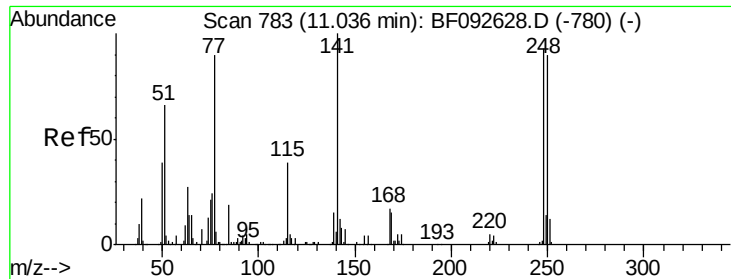
#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.80 min Scan# 762
Delta R.T. 0.18 min
Lab File: BF092672.D
Acq: 31 Jan 2017 9:56

Tgt Ion:198 Resp: 342
Ion Ratio Lower Upper
198 100
51 457.4 6.7 46.7#
105 222.9 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

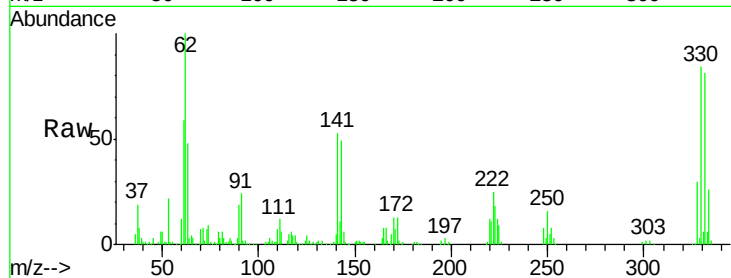




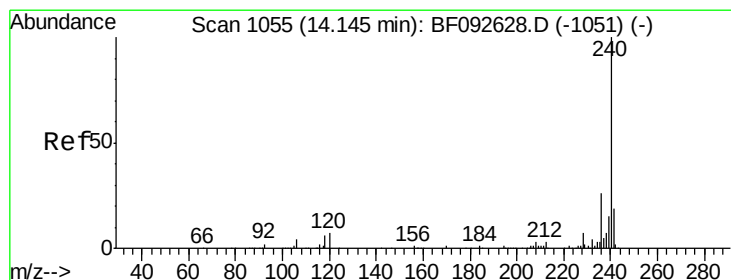
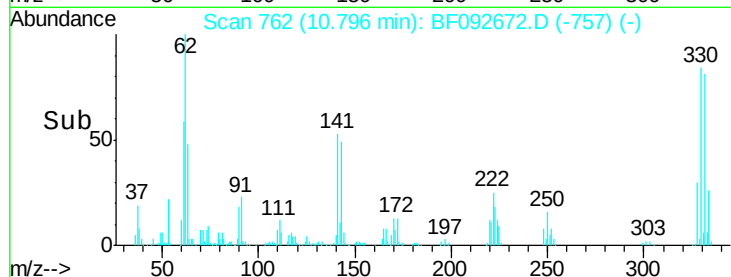
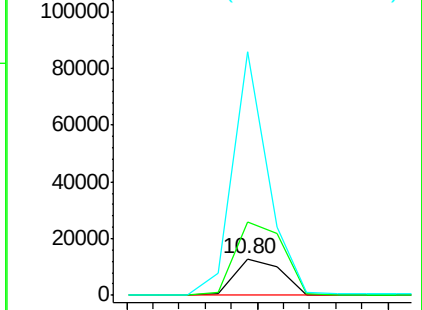
#66
 4-Bromophenyl-phenylether
 Concen: 4.13 ng
 RT: 10.80 min Scan# 762
 Delta R.T. -0.24 min
 Lab File: BF092672.D
 Acq: 31 Jan 2017 9:56

Instrument :
 BNA_F
 ClientSampled :
 W-37

Tot Ion:248 Resp: 16042
 Ion Ratio Lower Upper
 248 100
 250 199.7 76.9 115.3#
 141 660.9 68.2 102.4#

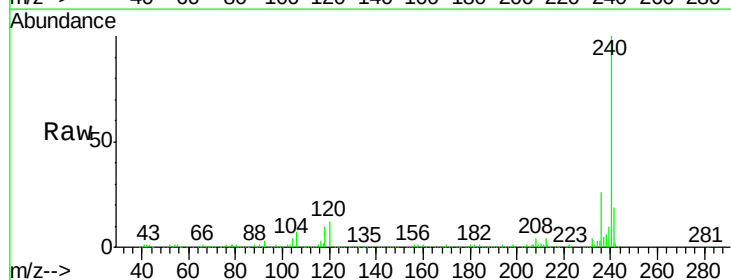


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

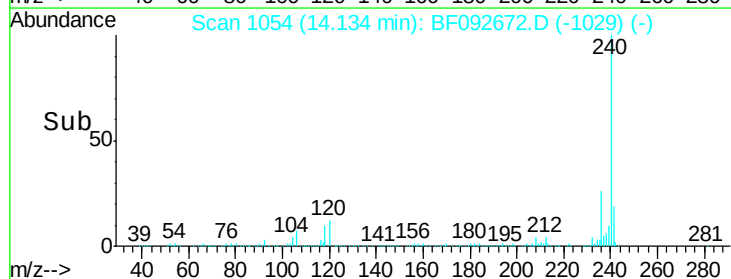
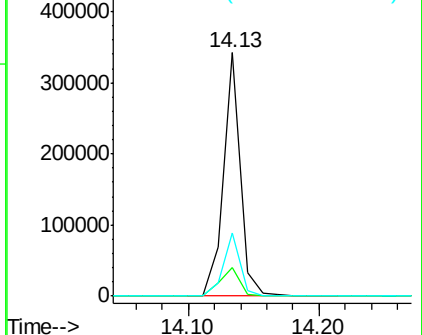


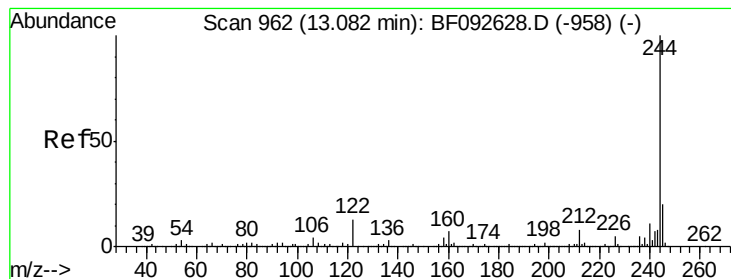
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.13 min Scan# 1054
 Delta R.T. -0.01 min
 Lab File: BF092672.D
 Acq: 31 Jan 2017 9:56

Tgt Ion:240 Resp: 310154
 Ion Ratio Lower Upper
 240 100
 120 11.7 12.9 19.3#
 236 26.0 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: 79.51 ng

RT: 13.08 min Scan# 962

Delta R.T. -0.00 min

Lab File: BF092672.D

Acq: 31 Jan 2017 9:56

Instrument :

BNA_F

ClientSampleId :

W-37

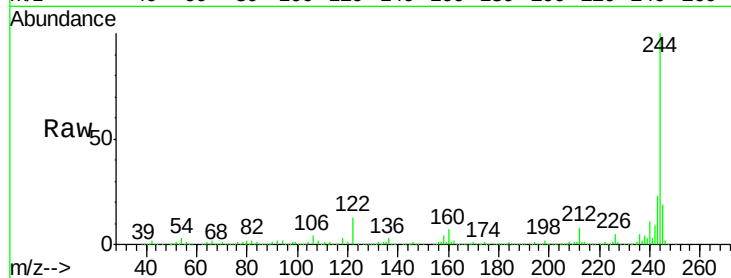
Tot Ion:244 Resp: 1049562

Ion Ratio Lower Upper

244 100

212 7.6 6.2 9.2

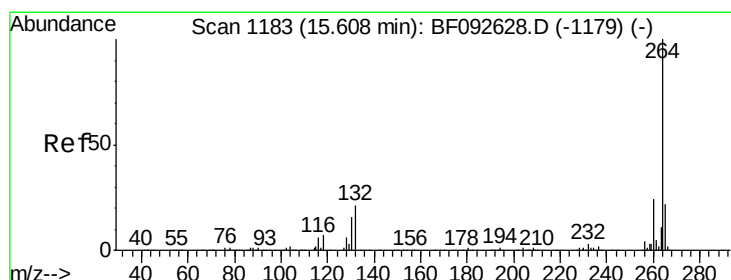
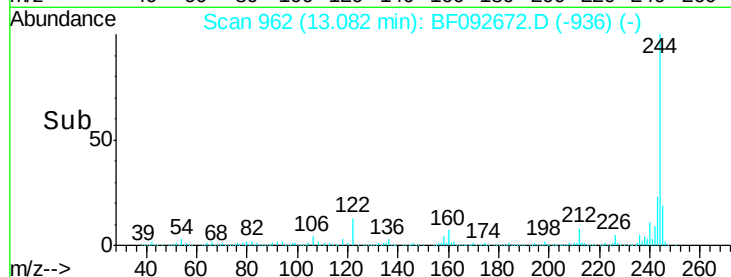
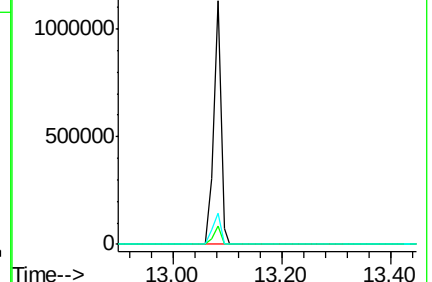
122 12.6 11.4 17.2



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: 15.61 min Scan# 1183

Delta R.T. -0.00 min

Lab File: BF092672.D

Acq: 31 Jan 2017 9:56

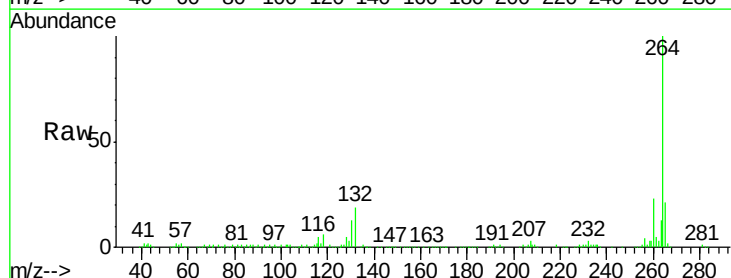
Tgt Ion:264 Resp: 211427

Ion Ratio Lower Upper

264 100

260 23.2 19.2 28.8

265 21.3 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

