

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092622.D
 Acq On : 28 Jan 2017 12:55
 Operator : SJ/MA
 Sample : I1528-20
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Quant Time: Jan 29 23:49:20 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

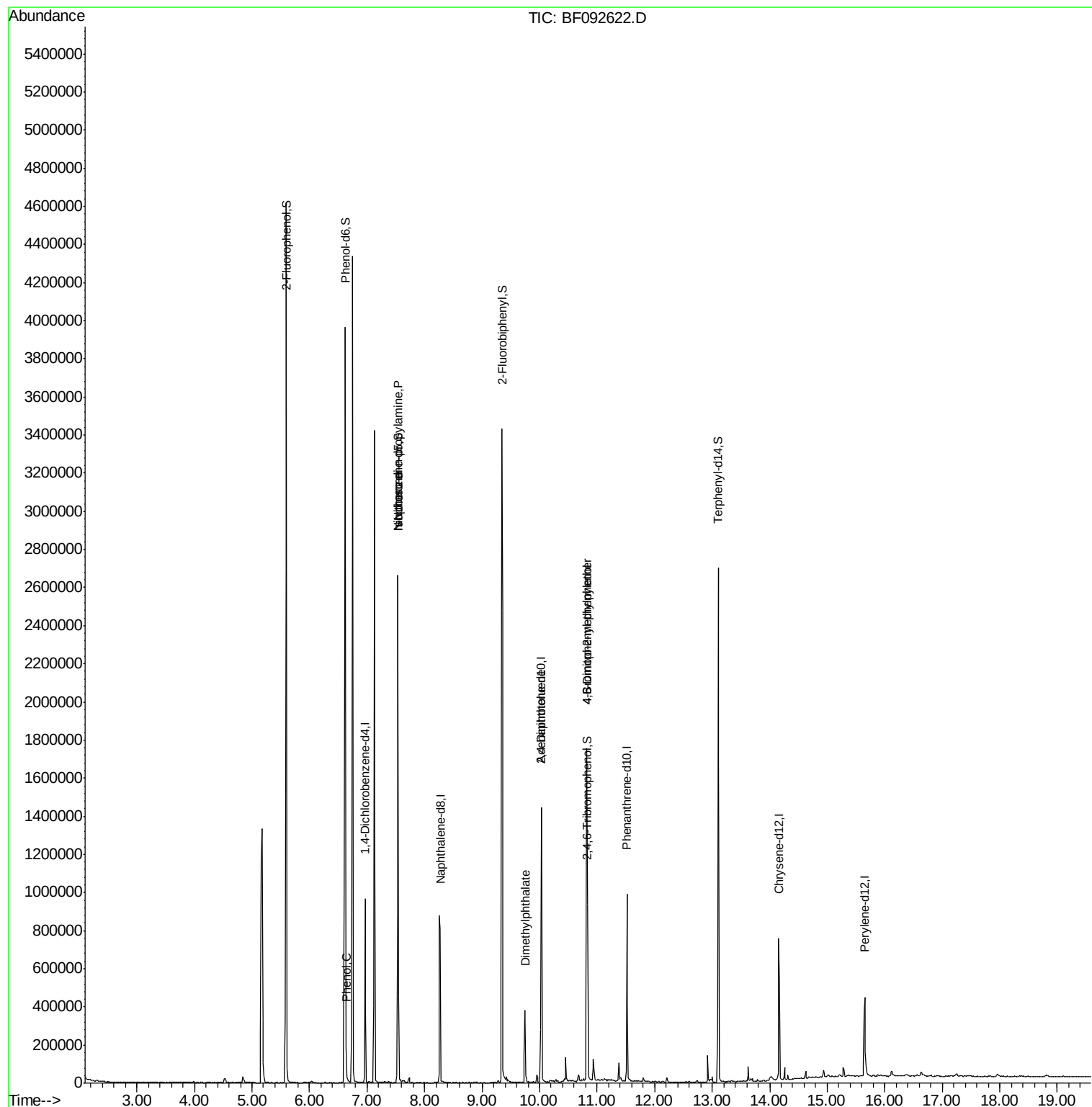
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	155355	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	604905	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	301563	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	402714	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	339046	20.00	ng	-0.01
86) Perylene-d12	15.65	264	236337	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1453590	145.57	ng	0.05
7) Phenol-d6	6.62	99	1934137	152.07	ng	0.03
23) Nitrobenzene-d5	7.54	82	936125	84.54	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	252600	122.92	ng	0.01
44) 2-Fluorobiphenyl	9.34	172	1613612	98.95	ng	-0.01
78) Terphenyl-d14	13.11	244	1075668	84.48	ng	-0.01
Target Compounds						
10) Phenol	6.64	94	67807	4.42	ng	# 59
19) n-Nitroso-di-n-propylamine	7.54	70	124000	14.32	ng	# 84
25) Isophorone	7.54	82	719598	32.98	ng	# 65
49) Dimethylphthalate	9.74	163	190677	9.94	ng	# 99
56) 2,4-Dinitrotoluene	10.03	165	39210	7.54	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.82	198	340	5.09	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	18087	4.45	ng	# 1

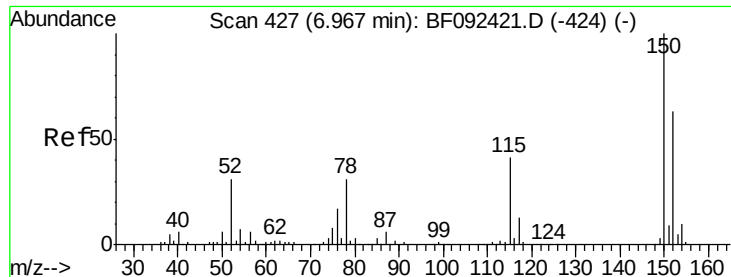
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
Data File : BF092622.D
Acq On : 28 Jan 2017 12:55
Operator : SJ/MA
Sample : I1528-20
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Quant Time: Jan 29 23:49:20 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF012417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 24 13:48:07 2017
Response via : Initial Calibration



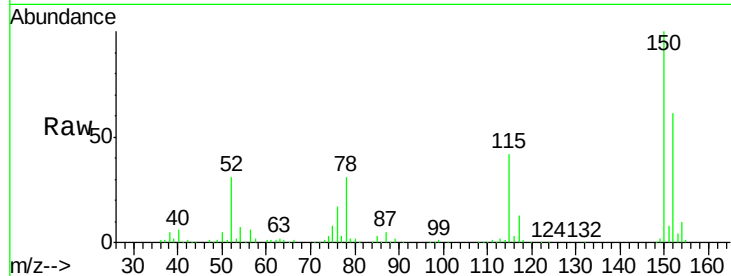


#1

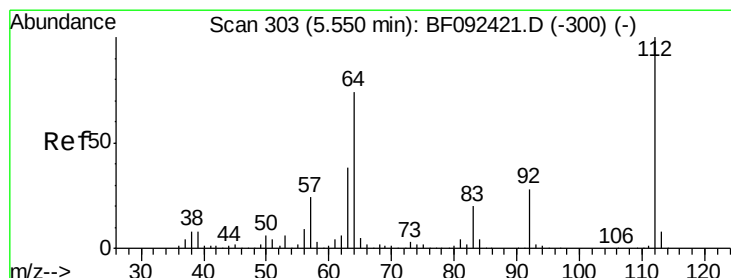
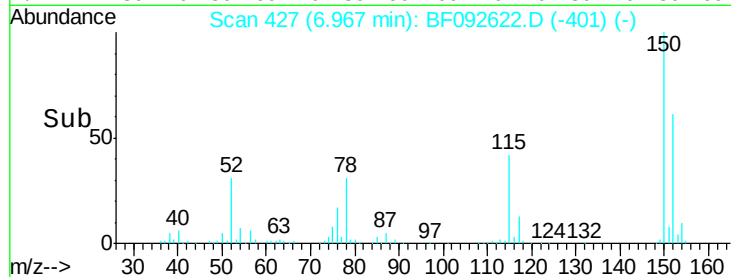
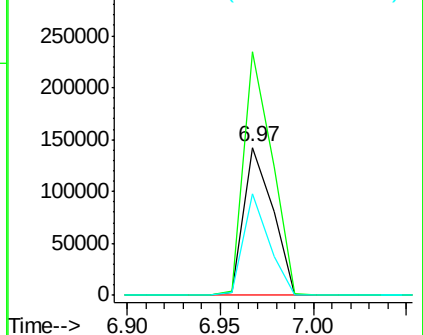
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.97 min Scan# 427
 Delta R.T. 0.00 min
 Lab File: BF092622.D
 Acq: 28 Jan 2017 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tgt Ion:152 Resp: 155355
 Ion Ratio Lower Upper
 152 100
 150 164.5 124.9 187.3
 115 68.5 46.0 69.0



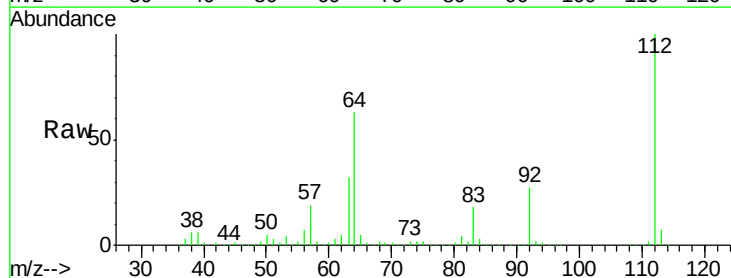
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



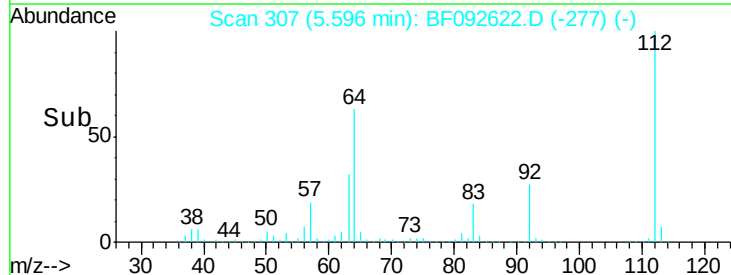
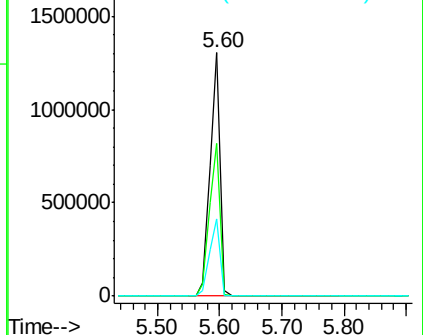
#5

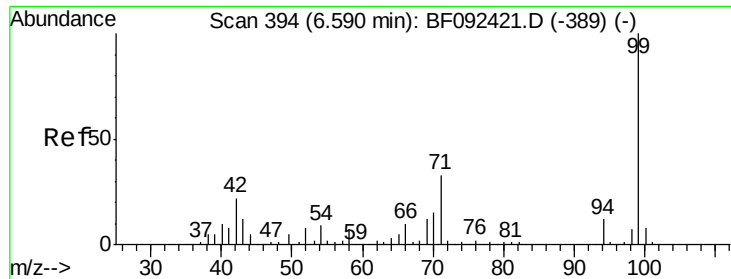
2-Fluorophenol
 Concen: 145.57 ng
 RT: 5.60 min Scan# 307
 Delta R.T. 0.05 min
 Lab File: BF092622.D
 Acq: 28 Jan 2017 12:55

Tgt Ion:112 Resp: 1453590
 Ion Ratio Lower Upper
 112 100
 64 62.7 46.1 69.1
 63 31.7 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: 152.07 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092622.D

Acq: 28 Jan 2017 12:55

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

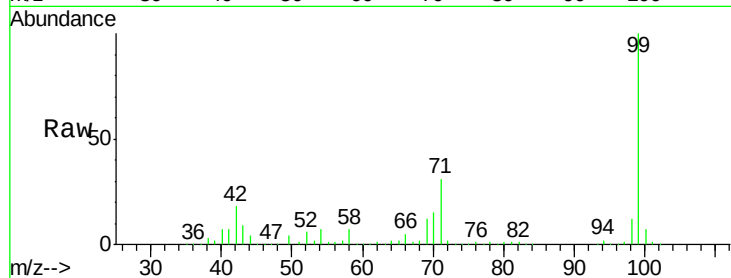
Tgt Ion: 99 Resp: 1934137

Ion Ratio Lower Upper

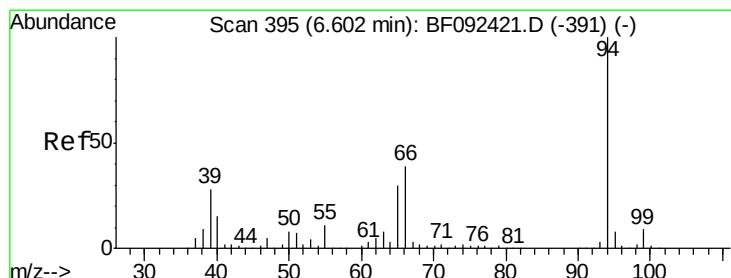
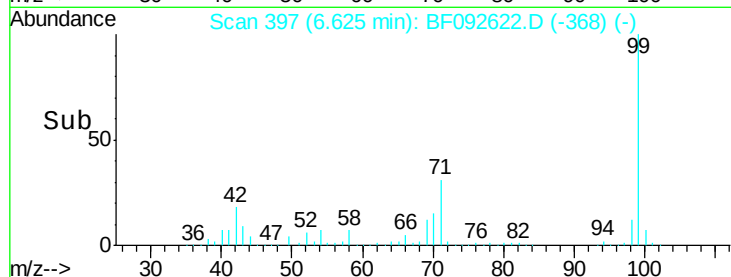
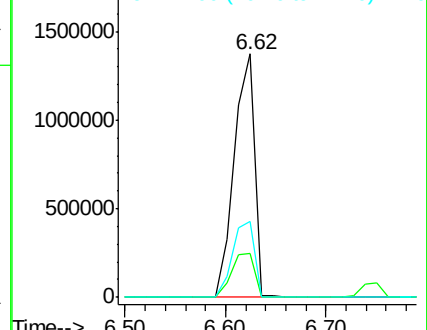
99 100

42 18.1 15.6 23.4

71 31.4 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



#10

Phenol

Concen: 4.42 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092622.D

Acq: 28 Jan 2017 12:55

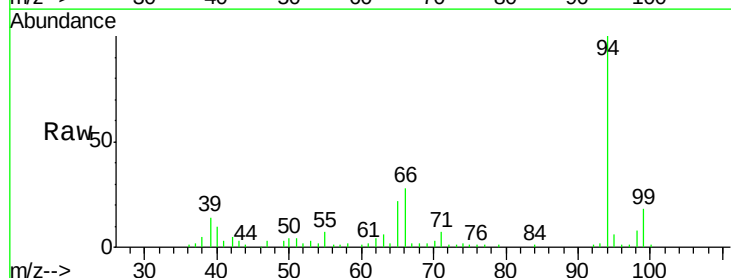
Tgt Ion: 94 Resp: 67807

Ion Ratio Lower Upper

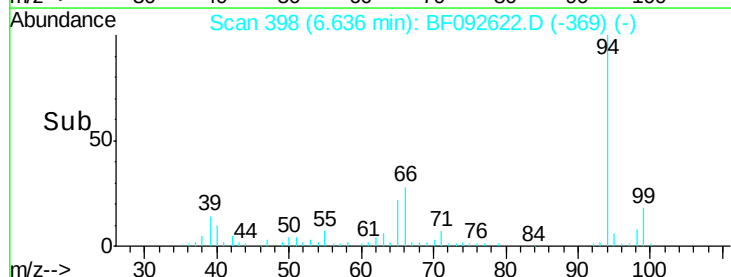
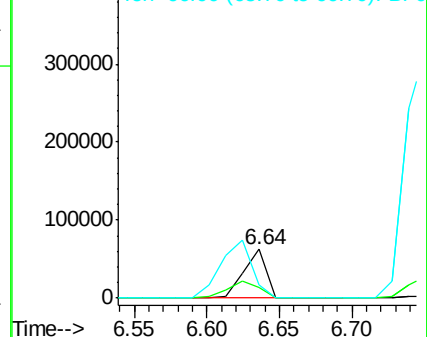
94 100

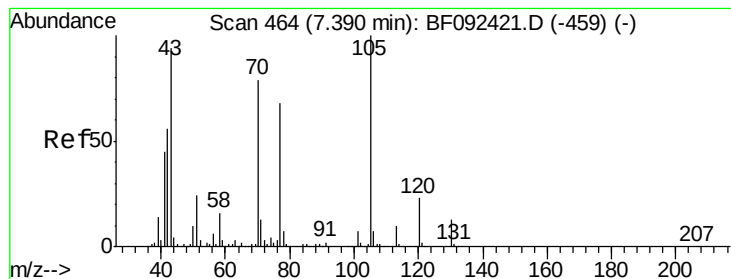
65 21.7 21.4 61.4

66 27.7 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 14.32 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092622.D

Acq: 28 Jan 2017 12:55

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

Tgt Ion: 70 Resp: 124000

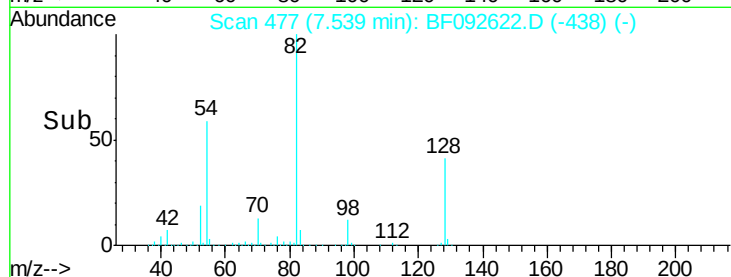
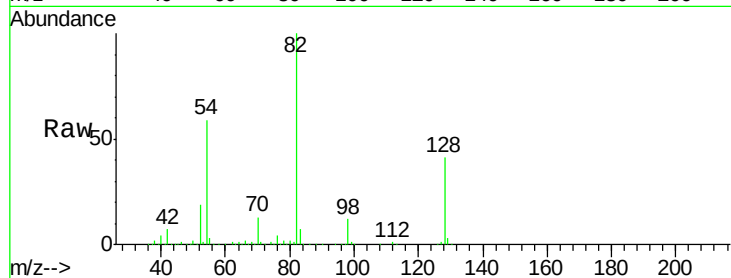
Ion Ratio Lower Upper

70 100

42 54.8 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

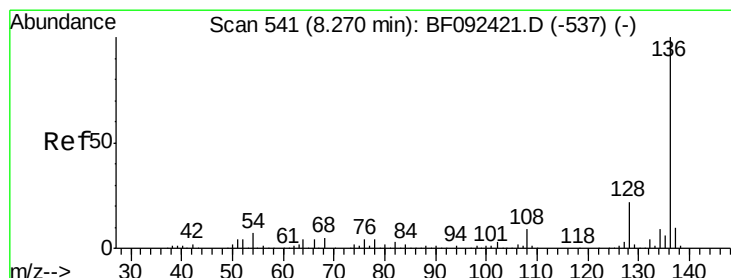
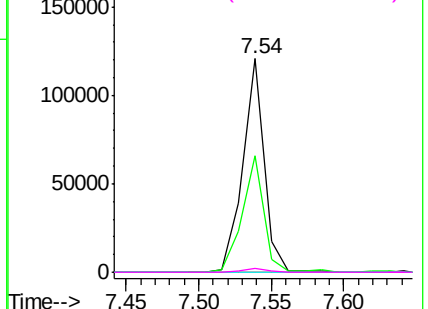


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.27 min Scan# 541

Delta R.T. 0.00 min

Lab File: BF092622.D

Acq: 28 Jan 2017 12:55

Tgt Ion: 136 Resp: 604905

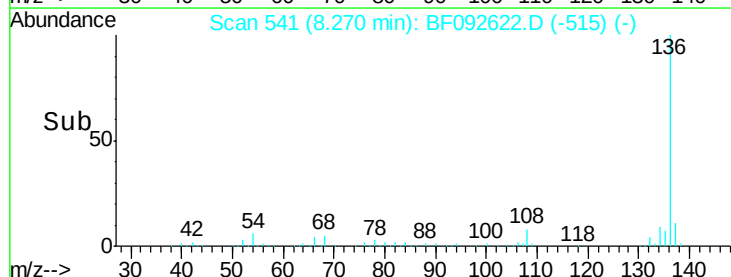
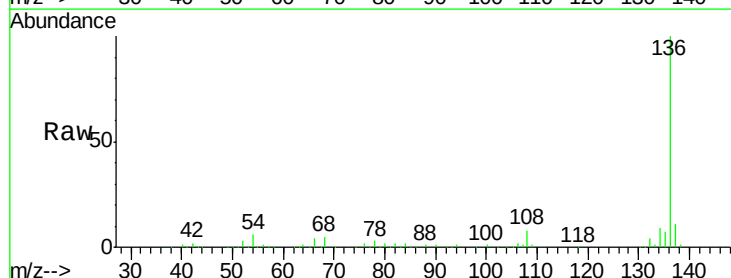
Ion Ratio Lower Upper

136 100

137 10.9 8.4 12.6

54 6.5 4.5 6.7

68 4.8 3.6 5.4

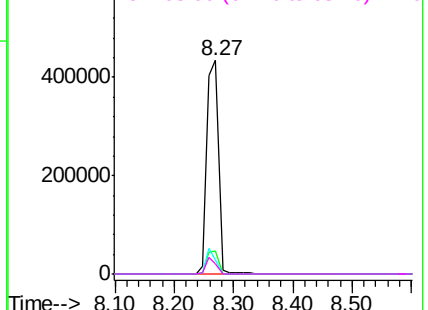


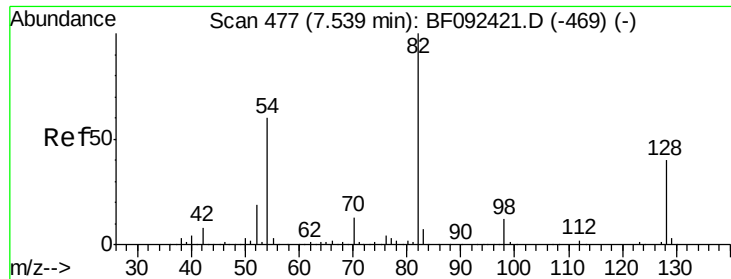
Abundance Ion 136.00 (135.70 to 136.70): E

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

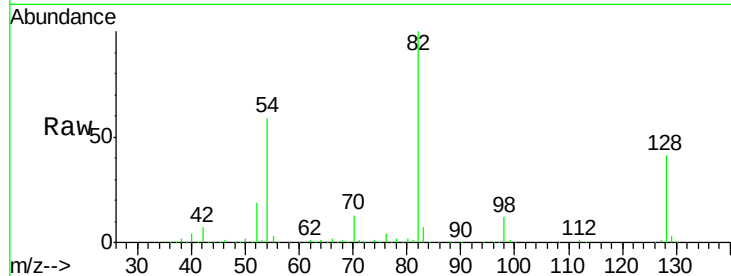




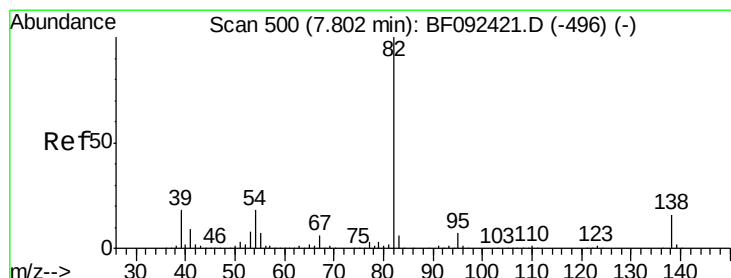
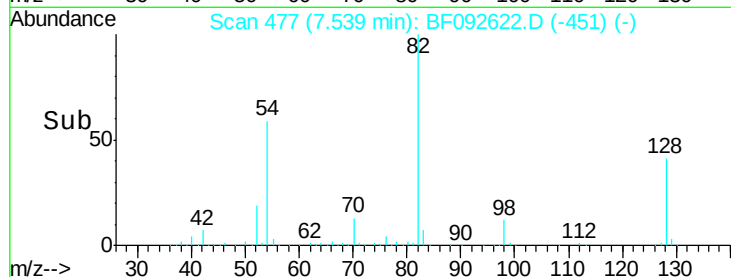
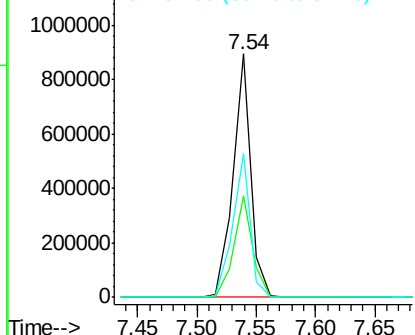
#23
 Nitrobenzene-d5
 Concen: 84.54 ng
 RT: 7.54 min Scan# 477
 Delta R.T. 0.00 min
 Lab File: BF092622.D
 Acq: 28 Jan 2017 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tgt Ion	Ratio	Lower	Upper
82	100		
128	41.5	34.6	52.0
54	59.3	39.5	59.3

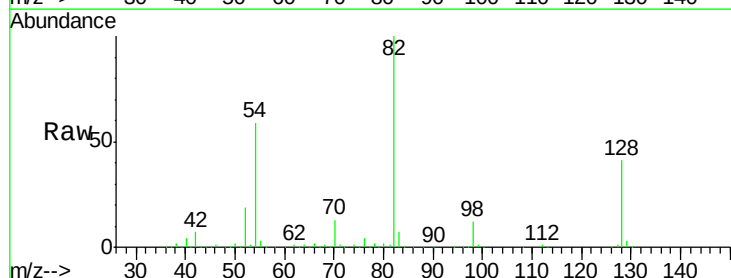


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

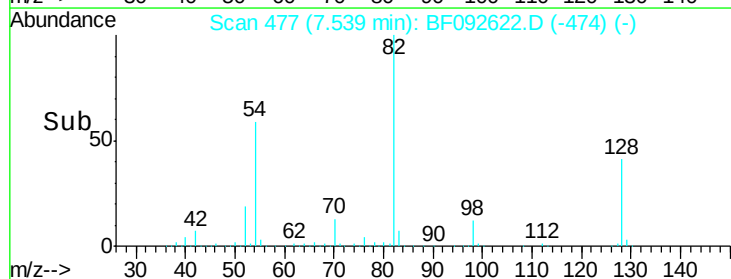
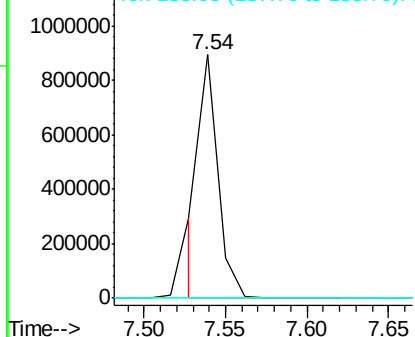


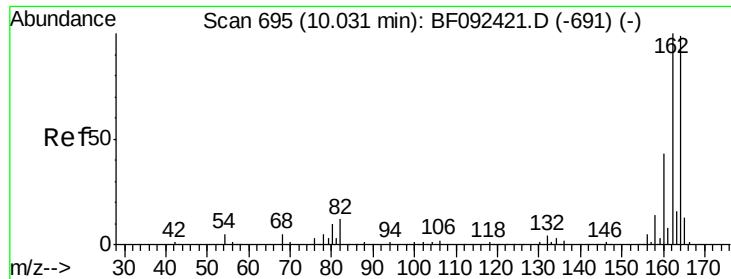
#25
 Isophorone
 Concen: 32.98 ng
 RT: 7.54 min Scan# 477
 Delta R.T. -0.26 min
 Lab File: BF092622.D
 Acq: 28 Jan 2017 12:55

Tgt 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): BF0
 Ion 95.00 (94.70 to 95.70): BF0
 Ion 138.00 (137.70 to 138.70): BF0

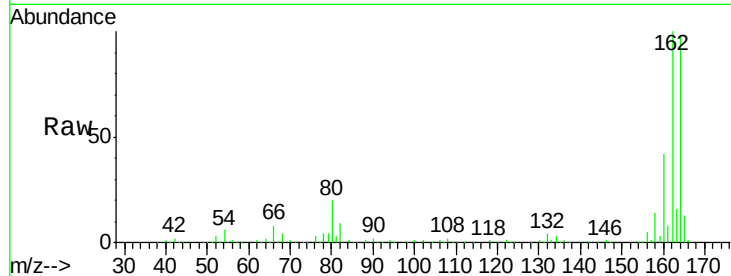




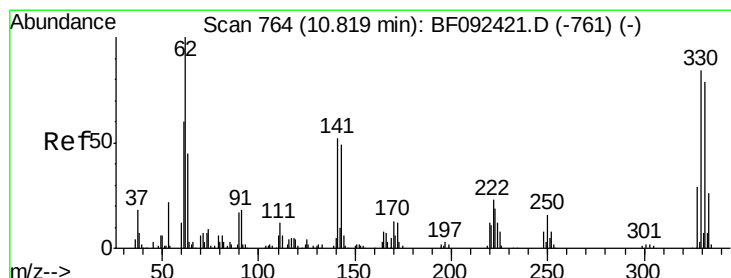
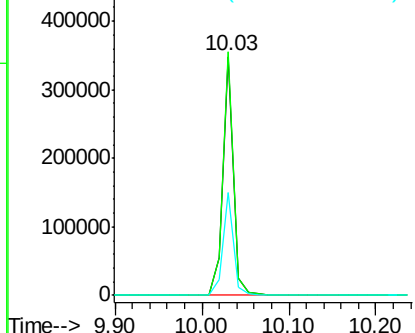
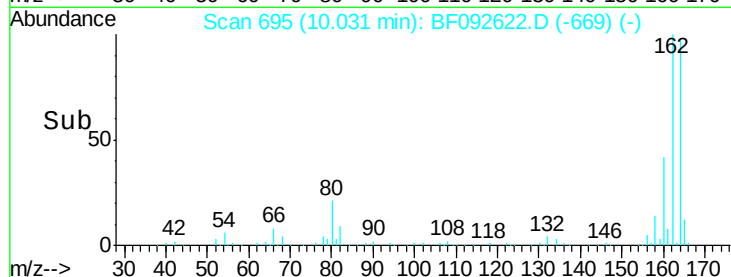
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF092622.D
 Acq: 28 Jan 2017 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tgt Ion:164 Resp: 301563
 Ion Ratio Lower Upper
 164 100
 162 101.9 80.2 120.2
 160 42.9 36.9 55.3

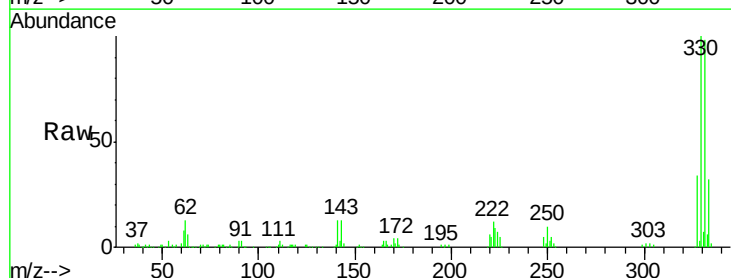


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

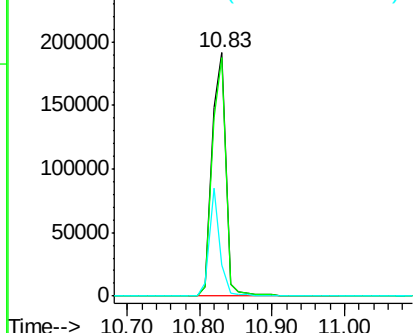
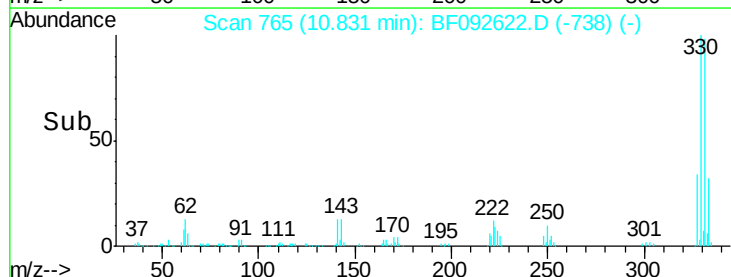


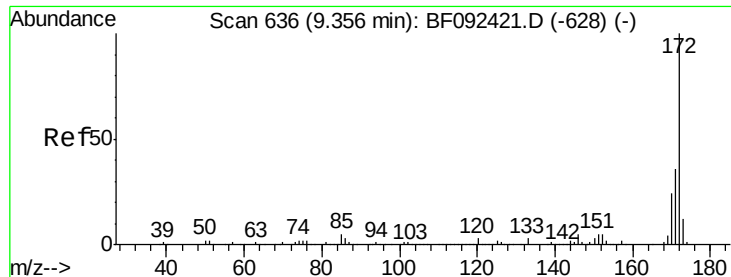
#41
 2,4,6-Tribromophenol
 Concen: 122.92 ng
 RT: 10.83 min Scan# 765
 Delta R.T. 0.01 min
 Lab File: BF092622.D
 Acq: 28 Jan 2017 12:55

Tgt Ion:330 Resp: 252600
 Ion Ratio Lower Upper
 330 100
 332 96.4 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

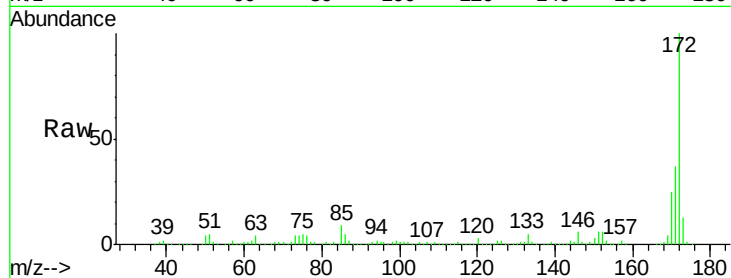




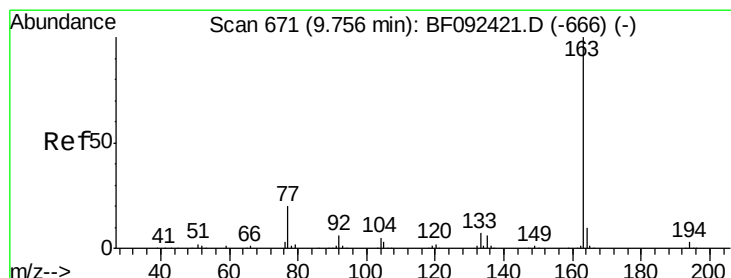
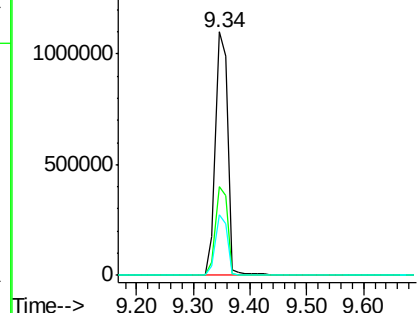
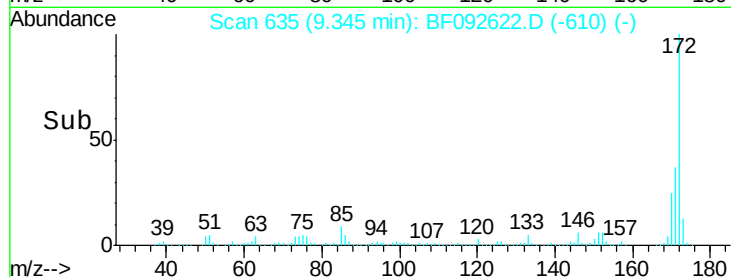
#44
 2-Fluorobiphenyl
 Concen: 98.95 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092622.D
 Acq: 28 Jan 2017 12:55

Instrument :
 BNA_F
 ClientSampleId :
 SB-24-COMP

Tgt Ion:172 Resp: 1613612
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.7 20.2 30.4

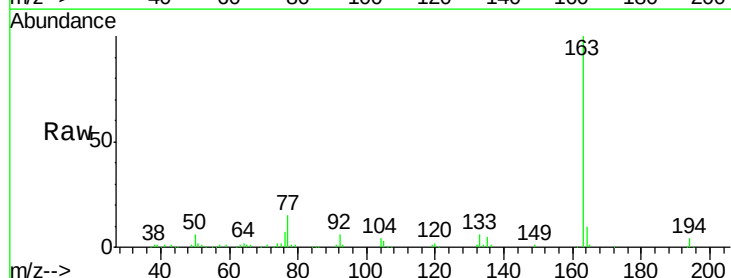


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

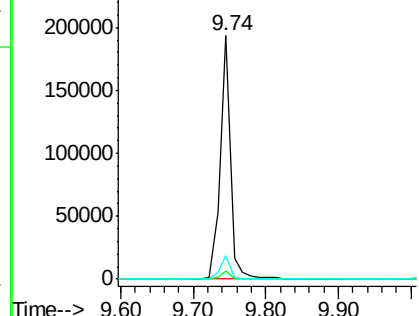
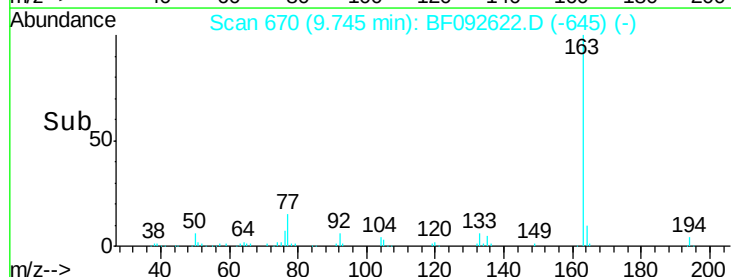


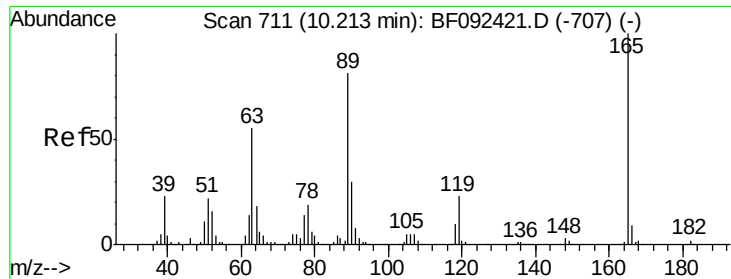
#49
 Dimethylphthalate
 Concen: 9.94 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092622.D
 Acq: 28 Jan 2017 12:55

Tgt Ion:163 Resp: 190677
 Ion Ratio Lower Upper
 163 100
 194 3.5 3.0 4.4
 164 9.7 8.0 12.0



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E

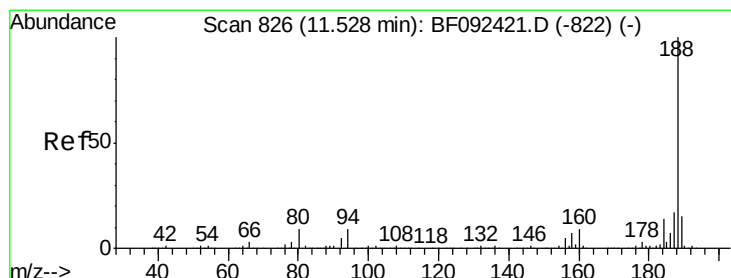
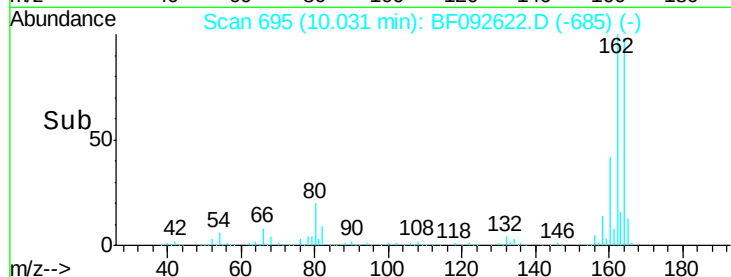
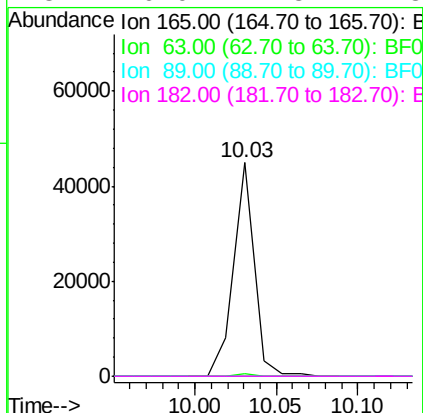
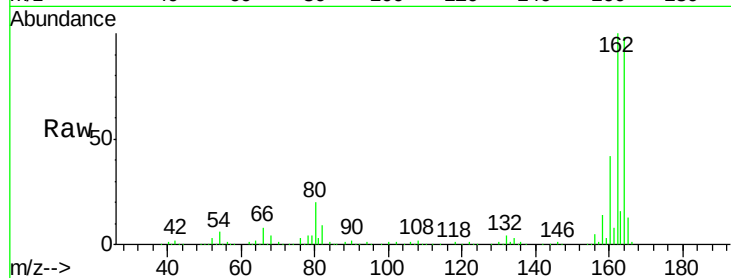




#56
2,4-Dinitrotoluene
Concen: 7.54 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092622.D
Acq: 28 Jan 2017 12:55

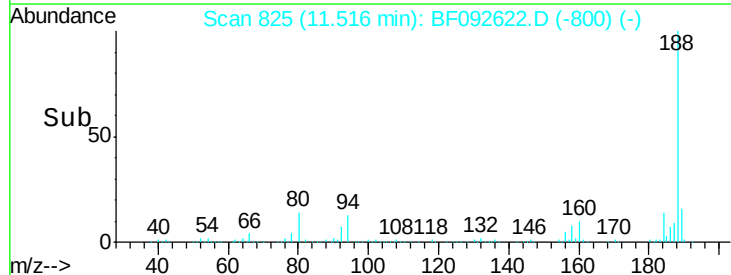
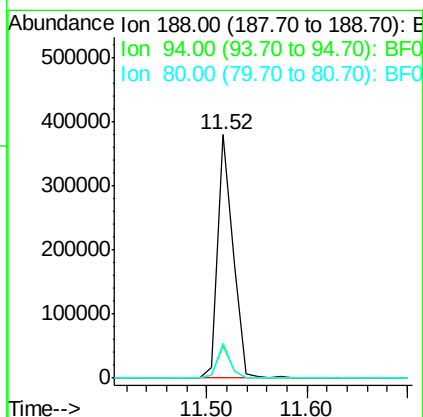
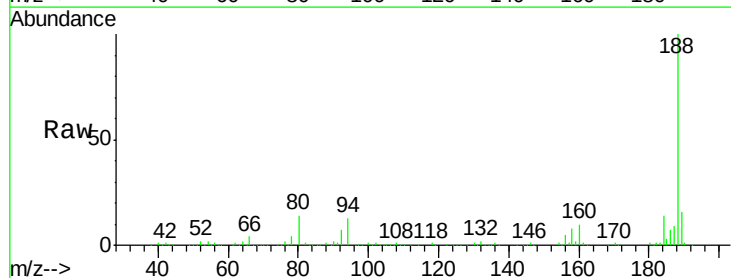
Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

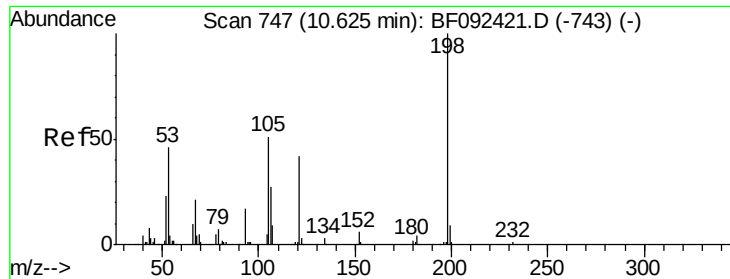
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.1	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092622.D
Acq: 28 Jan 2017 12:55

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.3	10.0	15.0
80	14.4	11.2	16.8

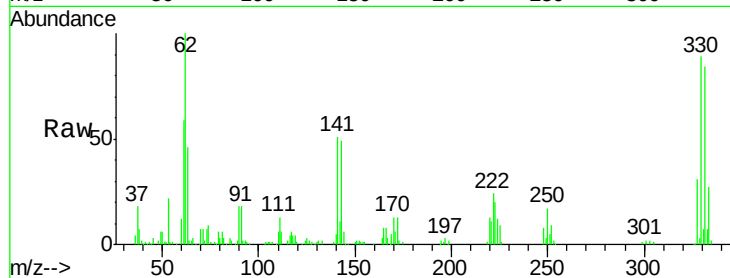




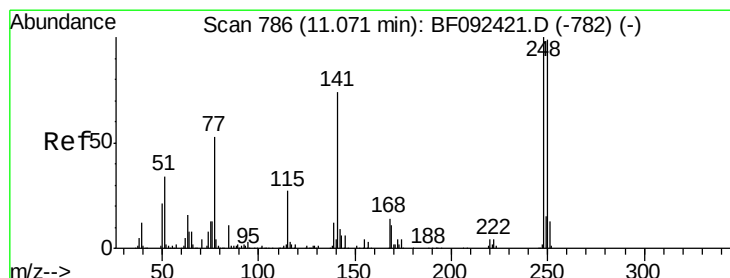
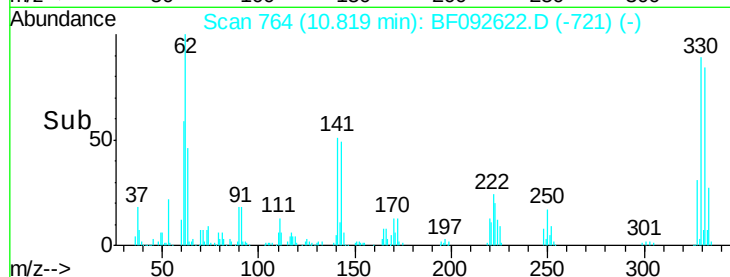
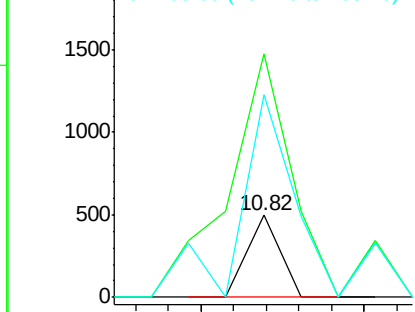
#64
4,6-Dinitro-2-methylphenol
Concen: 5.09 ng
RT: 10.82 min Scan# 764
Delta R.T. 0.20 min
Lab File: BF092622.D
Acq: 28 Jan 2017 12:55

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Tgt Ion:198 Resp: 340
Ion Ratio Lower Upper
198 100
51 297.6 6.7 46.7#
105 247.6 16.6 56.6#

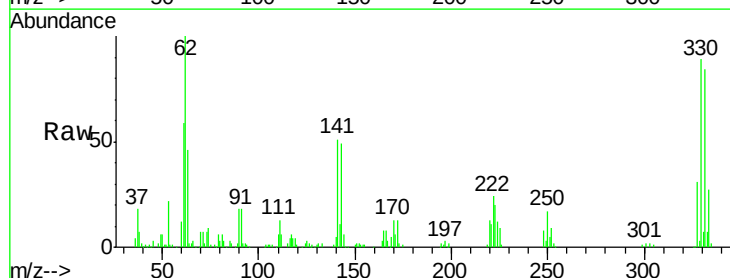


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

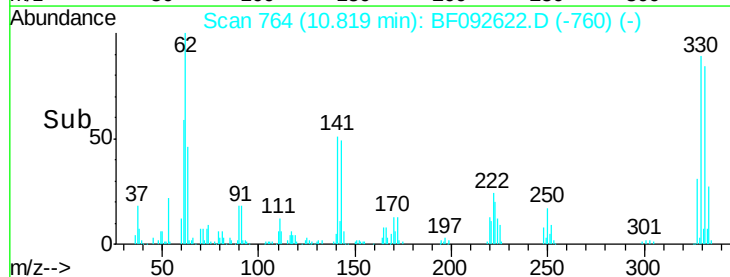
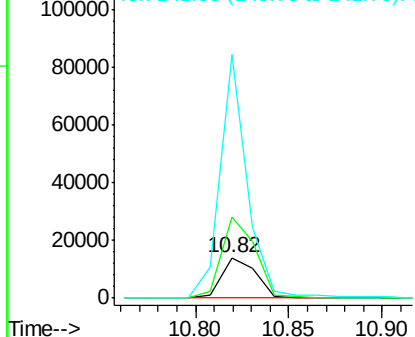


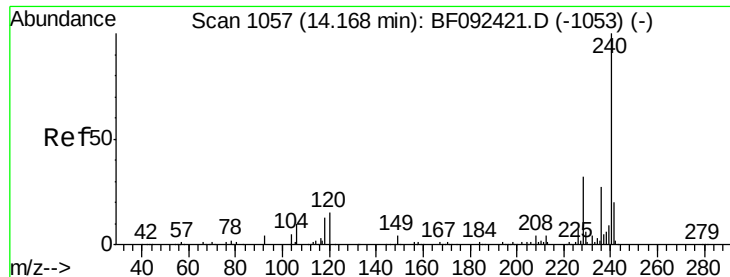
#66
4-Bromophenyl-phenylether
Concen: 4.45 ng
RT: 10.82 min Scan# 764
Delta R.T. -0.25 min
Lab File: BF092622.D
Acq: 28 Jan 2017 12:55

Tgt Ion:248 Resp: 18087
Ion Ratio Lower Upper
248 100
250 199.0 76.9 115.3#
141 600.9 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: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092622.D

Acq: 28 Jan 2017 12:55

Instrument :

BNA_F

ClientSampleId :

SB-24-COMP

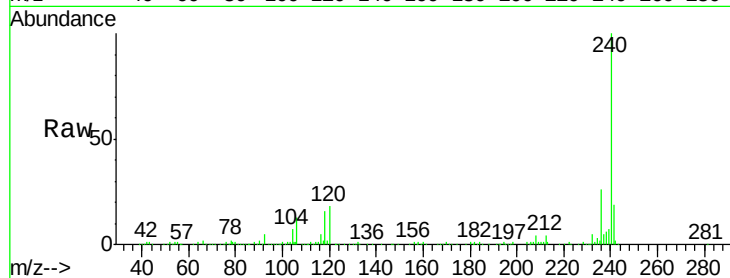
Tgt Ion:240 Resp: 339046

Ion Ratio Lower Upper

240 100

120 18.0 12.9 19.3

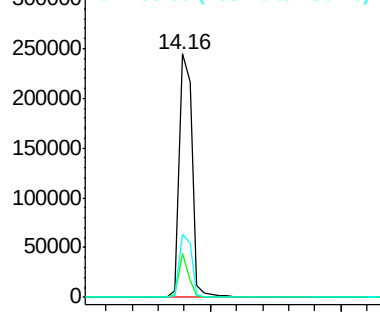
236 25.8 20.9 31.3



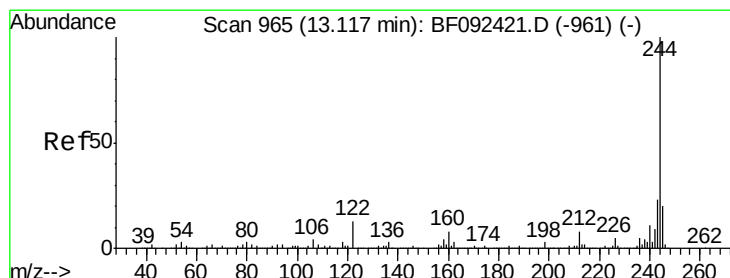
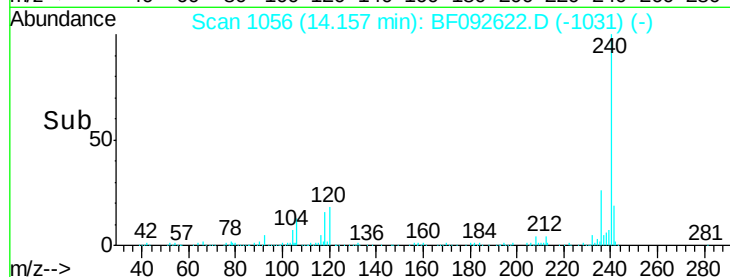
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#78

Terphenyl-d14

Concen: 84.48 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092622.D

Acq: 28 Jan 2017 12:55

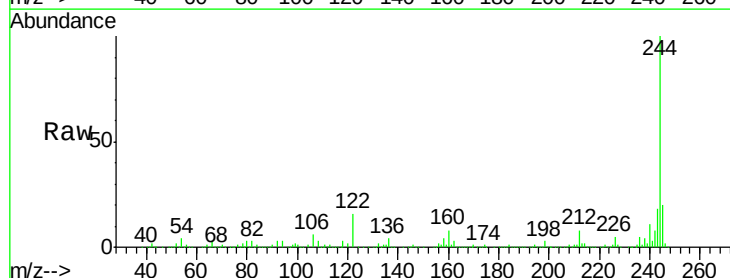
Tgt Ion:244 Resp: 1075668

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

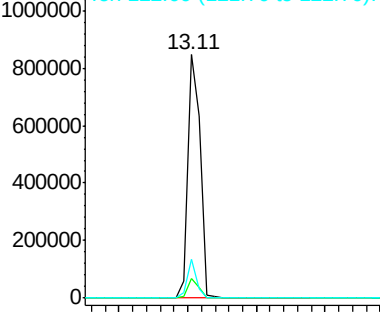
122 15.8 11.4 17.2



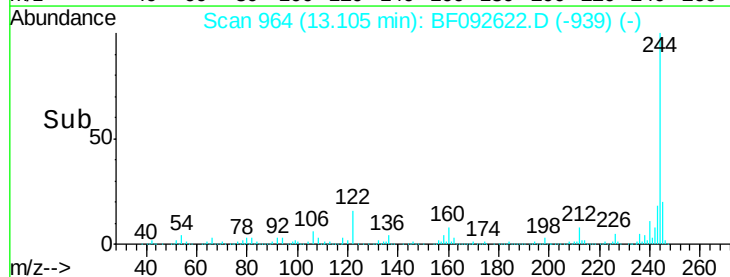
Abundance Ion 244.00 (243.70 to 244.70): E

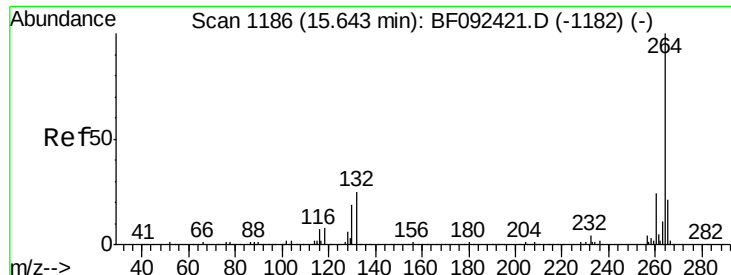
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092622.D
Acq: 28 Jan 2017 12:55

Instrument :
BNA_F
ClientSampleId :
SB-24-COMP

Tgt Ion: 264 Resp: 236337
Ion Ratio Lower Upper
264 100
260 23.5 19.2 28.8
265 20.4 17.4 26.0

