

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092618.D
 Acq On : 28 Jan 2017 11:06
 Operator : SJ/MA
 Sample : I1528-12
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

Quant Time: Jan 29 23:48:17 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

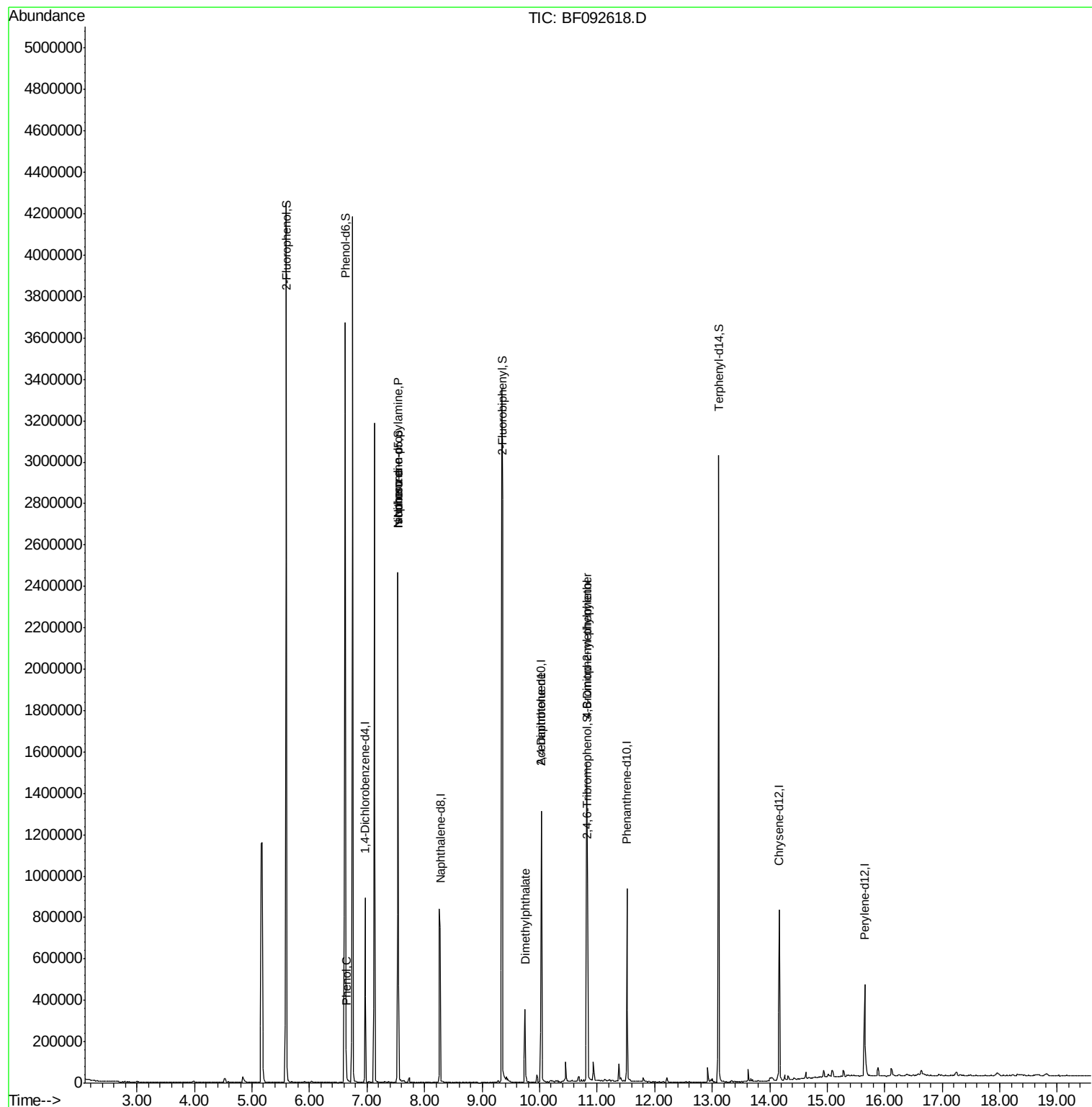
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	151092	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	564015	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	280556	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	370381	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	320088	20.00	ng	0.00
86) Perylene-d12	15.65	264	225910	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1341506	138.14	ng	0.05
7) Phenol-d6	6.62	99	1786333	144.41	ng	0.03
23) Nitrobenzene-d5	7.54	82	874342	84.68	ng	0.00
41) 2,4,6-Tribromophenol	10.83	330	232948	121.84	ng	0.01
44) 2-Fluorobiphenyl	9.36	172	1673180	110.28	ng	0.00
78) Terphenyl-d14	13.12	244	1204386	100.19	ng	0.00
Target Compounds						
10) Phenol	6.64	94	55049	3.69	ng	# 61
19) n-Nitroso-di-n-propylamine	7.54	70	118361	14.05	ng	# 80
25) Isophorone	7.54	82	678611	33.35	ng	# 65
49) Dimethylphthalate	9.74	163	170707	9.57	ng	100
56) 2,4-Dinitrotoluene	10.03	165	37130	7.67	ng	# 18
64) 4,6-Dinitro-2-methylphenol	10.82	198	675	5.25	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	16261	4.35	ng	# 1

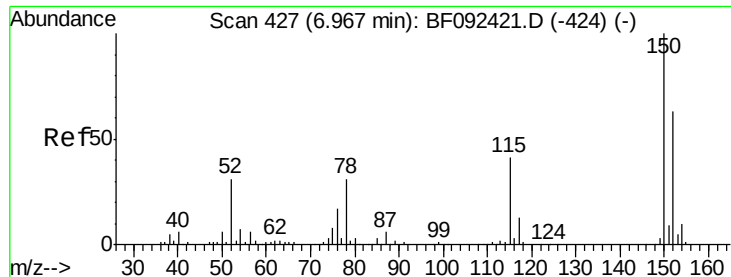
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.97 min Scan# 427

Delta R.T. -0.00 min

Lab File: BF092618.D

Acq: 28 Jan 2017 11:06

Instrument :

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ClientSampleId :

SB-19-COMP

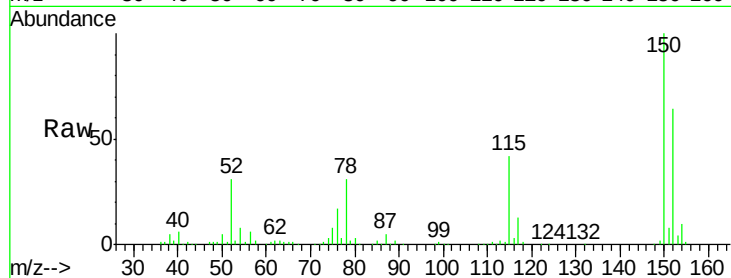
Tgt Ion:152 Resp: 151092

Ion Ratio Lower Upper

152 100

150 156.8 124.9 187.3

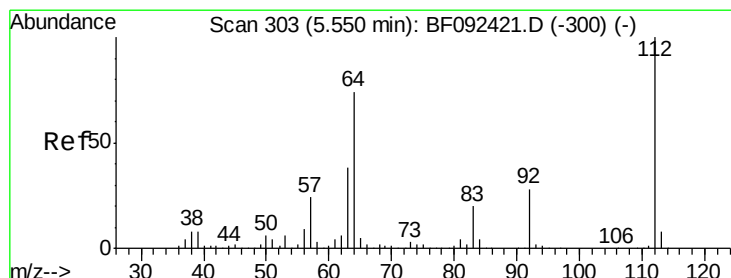
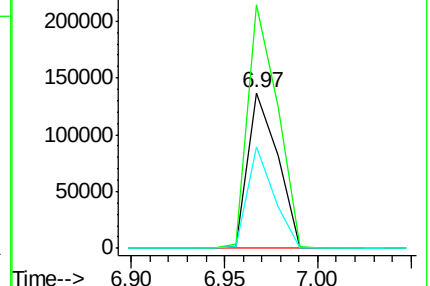
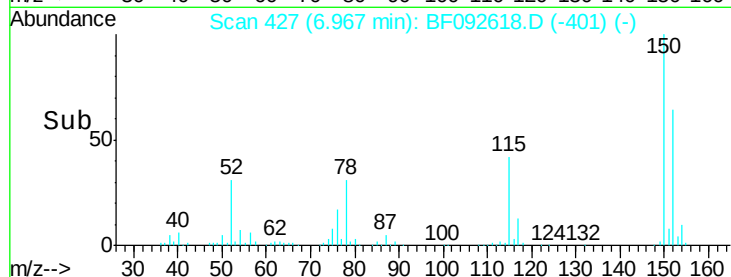
115 65.3 46.0 69.0



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: 138.14 ng

RT: 5.60 min Scan# 307

Delta R.T. 0.05 min

Lab File: BF092618.D

Acq: 28 Jan 2017 11:06

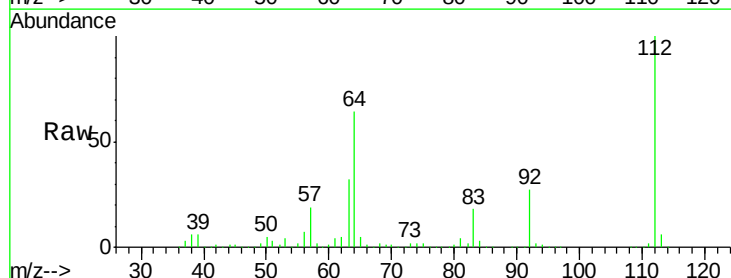
Tgt Ion:112 Resp: 1341506

Ion Ratio Lower Upper

112 100

64 63.5 46.1 69.1

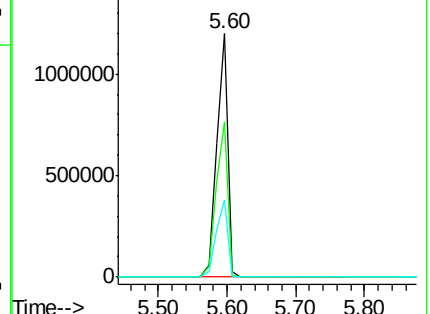
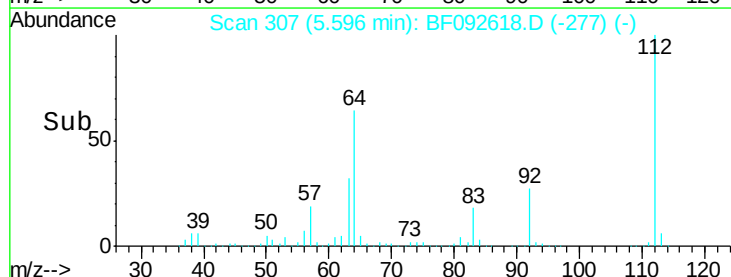
63 31.8 23.8 35.6

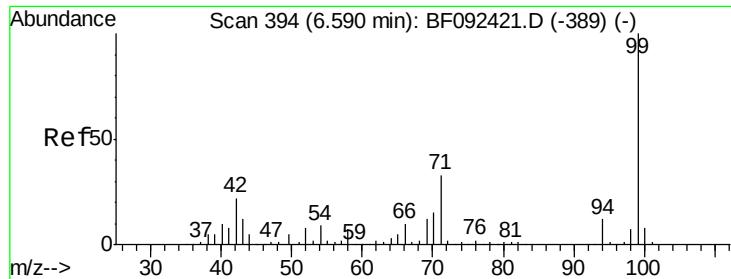


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.41 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.03 min

Lab File: BF092618.D

Acq: 28 Jan 2017 11:06

Instrument :

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SB-19-COMP

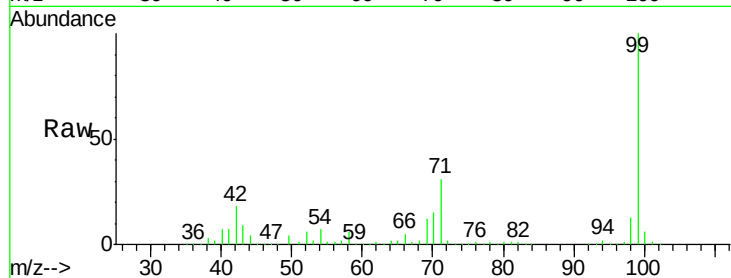
Tgt Ion: 99 Resp: 1786333

Ion Ratio Lower Upper

99 100

42 17.6 15.6 23.4

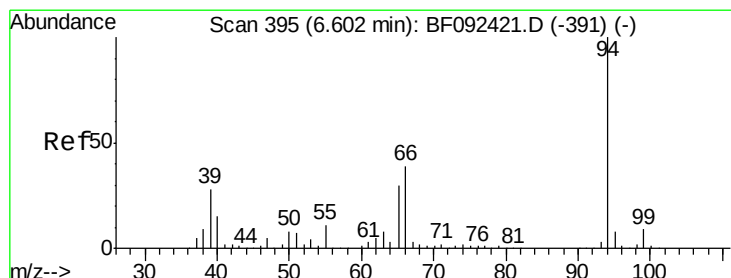
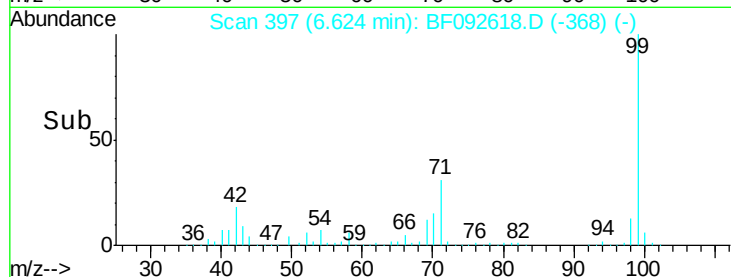
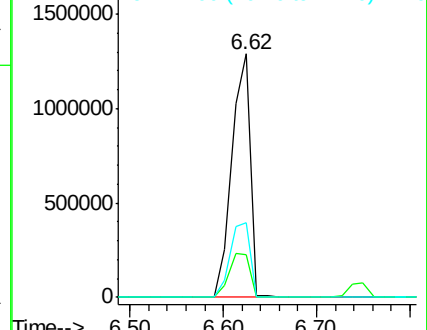
71 30.8 27.5 41.3



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: 3.69 ng

RT: 6.64 min Scan# 398

Delta R.T. 0.03 min

Lab File: BF092618.D

Acq: 28 Jan 2017 11:06

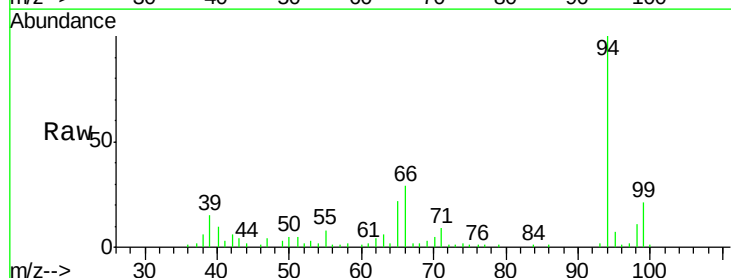
Tgt Ion: 94 Resp: 55049

Ion Ratio Lower Upper

94 100

65 22.0 21.4 61.4

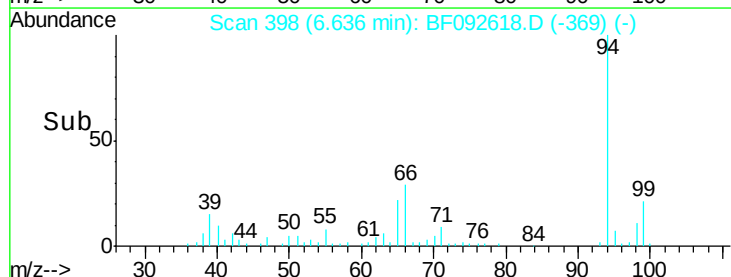
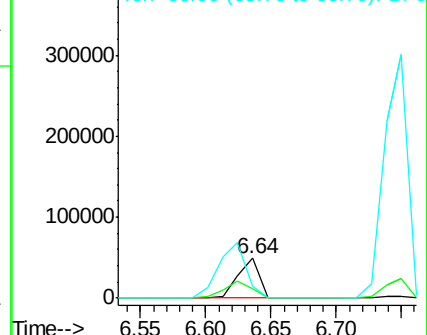
66 28.8 44.0 84.0#

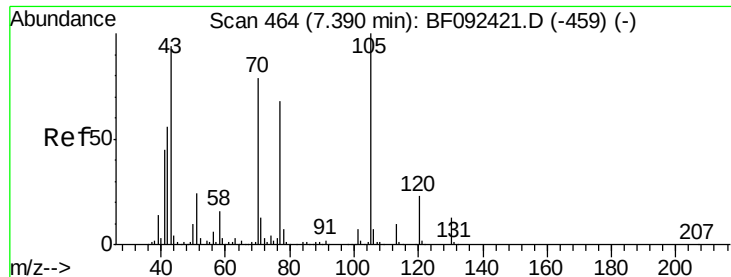


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

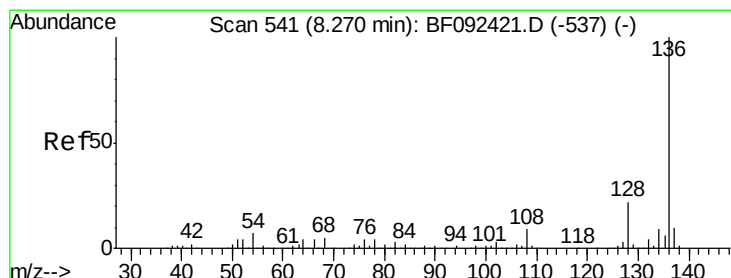
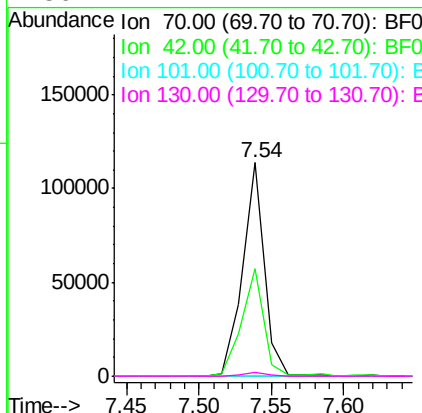
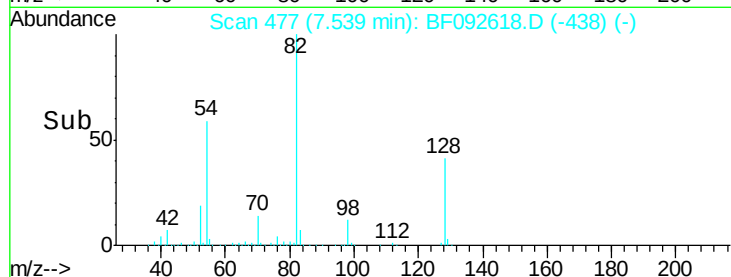
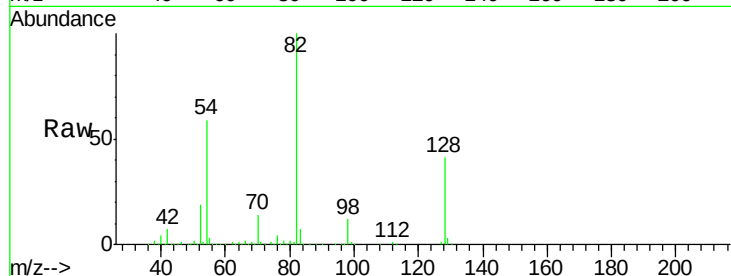




#19
n-Nitroso-di-n-propylamine
Concen: 14.05 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.15 min
Lab File: BF092618.D
Acq: 28 Jan 2017 11:06

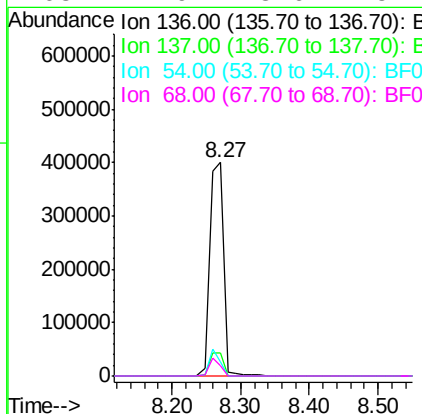
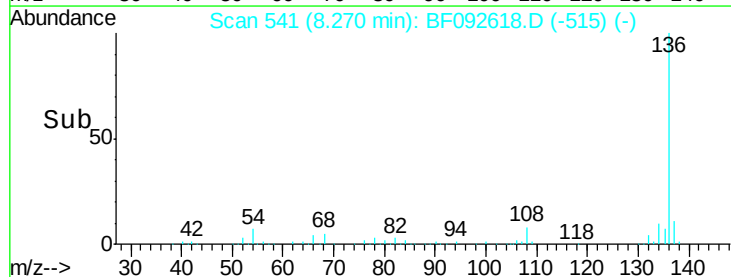
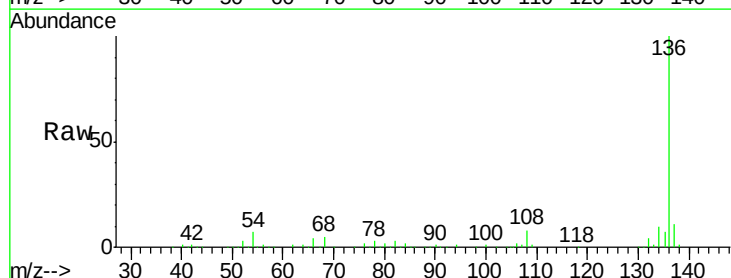
Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

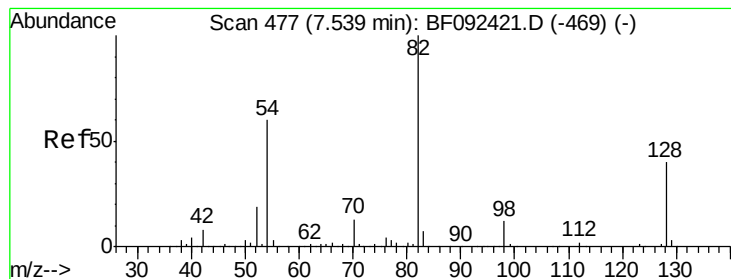
Tgt Ion: 70 Resp: 118361
Ion Ratio Lower Upper
70 100
42 50.5 49.4 74.0
101 0.0 7.4 11.2#
130 2.1 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.27 min Scan# 541
Delta R.T. -0.00 min
Lab File: BF092618.D
Acq: 28 Jan 2017 11:06

Tgt Ion: 136 Resp: 564015
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 6.6 4.5 6.7
68 4.9 3.6 5.4





#23

Nitrobenzene-d5

Concen: 84.68 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.00 min

Lab File: BF092618.D

Acq: 28 Jan 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

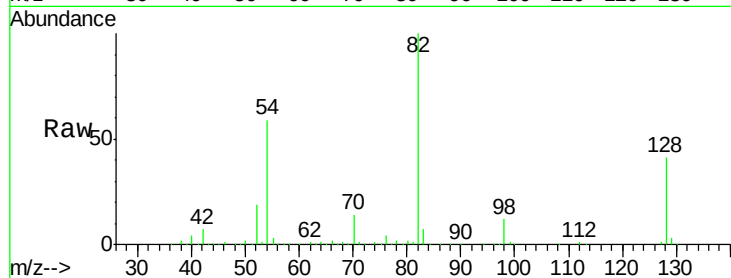
Tgt Ion: 82 Resp: 874342

Ion Ratio Lower Upper

82 100

128 41.2 34.6 52.0

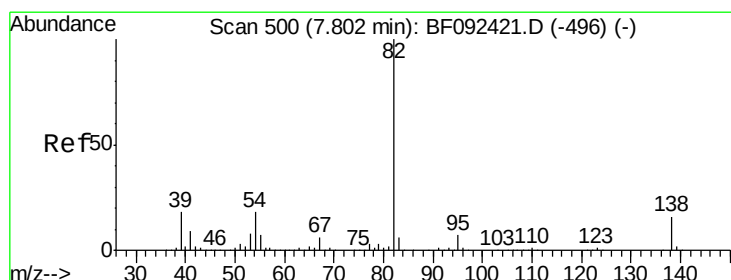
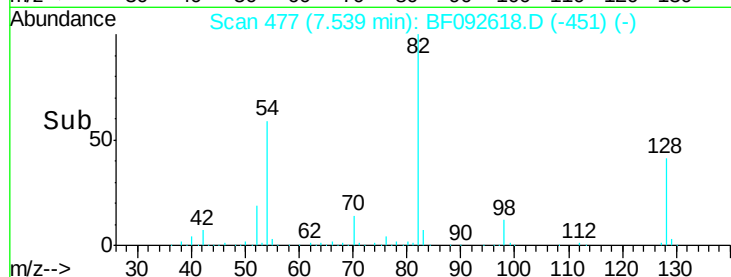
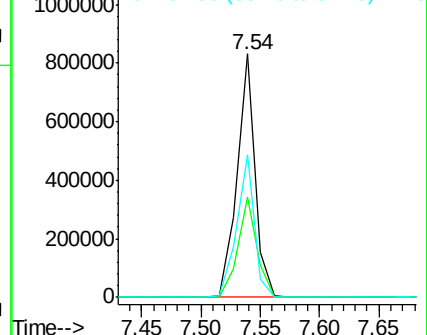
54 58.5 39.5 59.3



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: 33.35 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092618.D

Acq: 28 Jan 2017 11:06

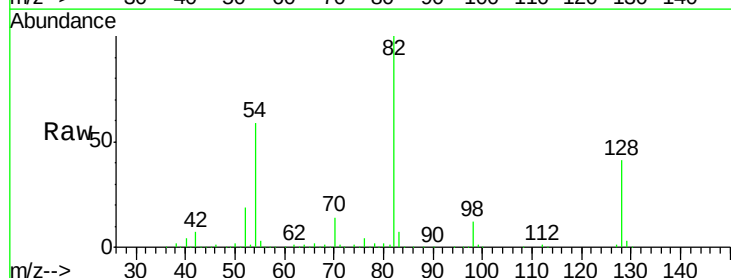
Tgt Ion: 82 Resp: 678611

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

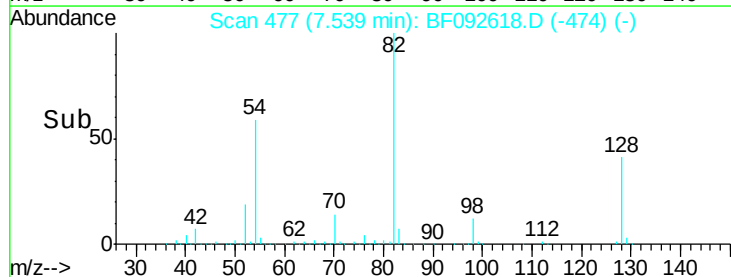
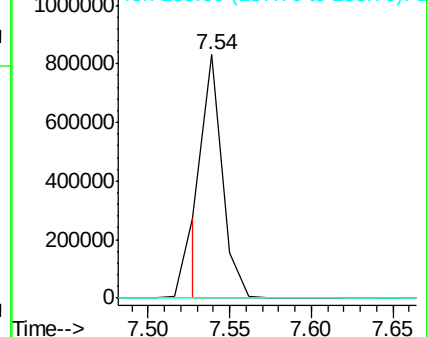
138 0.0 14.6 22.0#

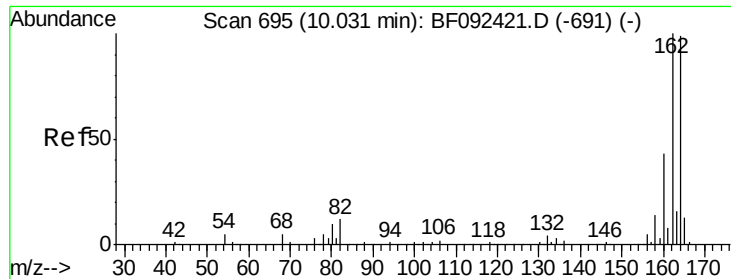


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: BF092618.D

Acq: 28 Jan 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

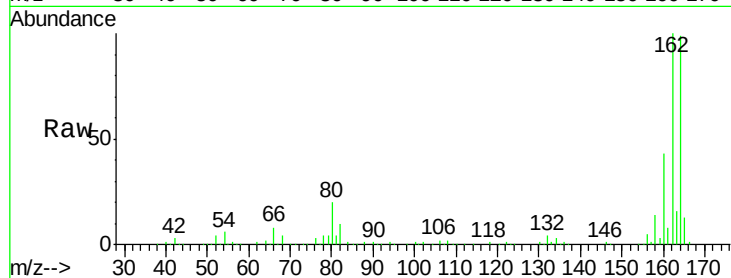
Tgt Ion:164 Resp: 280556

Ion Ratio Lower Upper

164 100

162 100.7 80.2 120.2

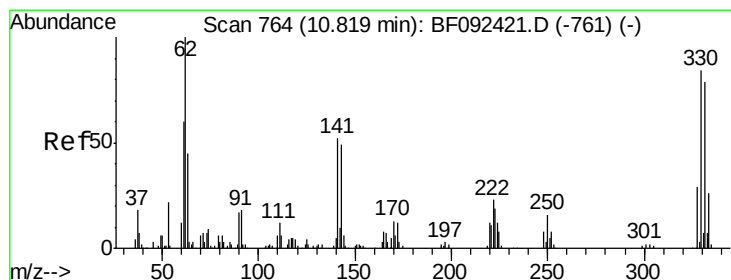
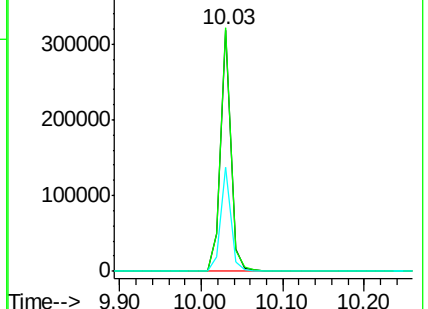
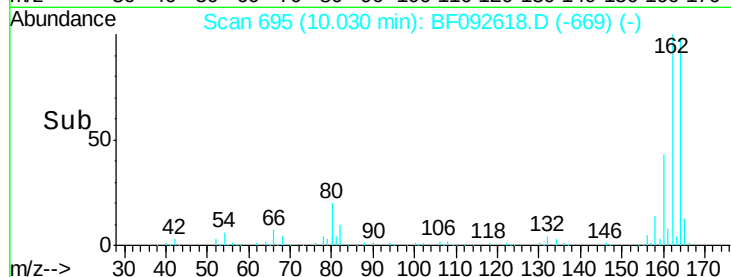
160 42.8 36.9 55.3



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: 121.84 ng

RT: 10.83 min Scan# 765

Delta R.T. 0.01 min

Lab File: BF092618.D

Acq: 28 Jan 2017 11:06

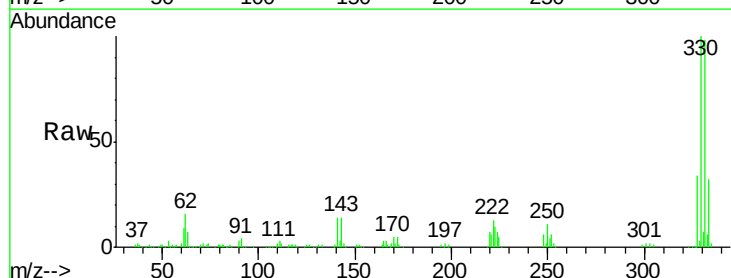
Tgt Ion:330 Resp: 232948

Ion Ratio Lower Upper

330 100

332 98.3 77.4 116.2

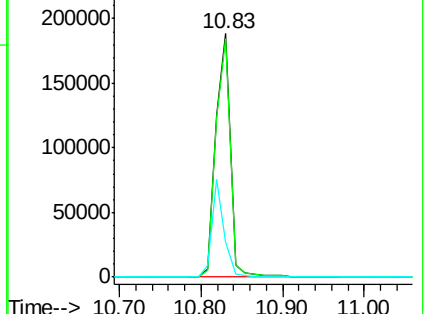
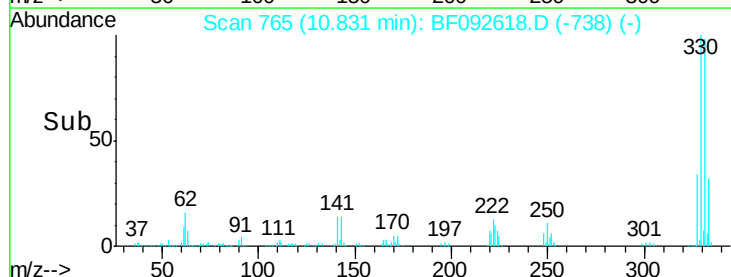
141 34.3 34.1 51.1

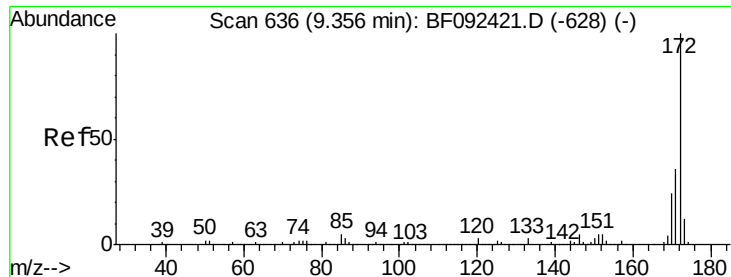


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

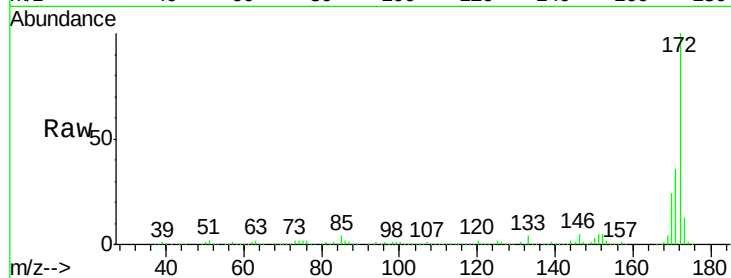




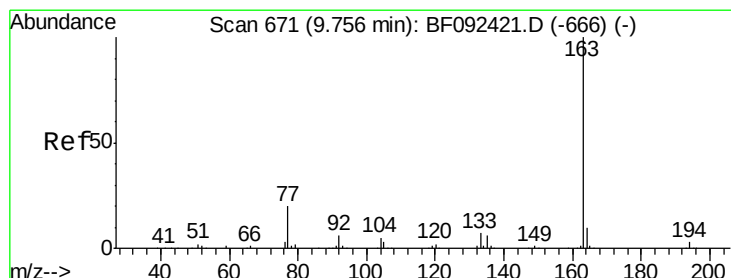
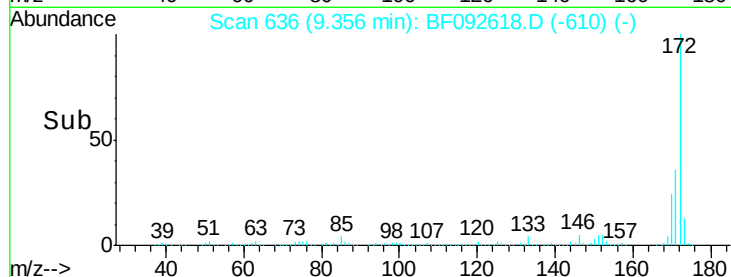
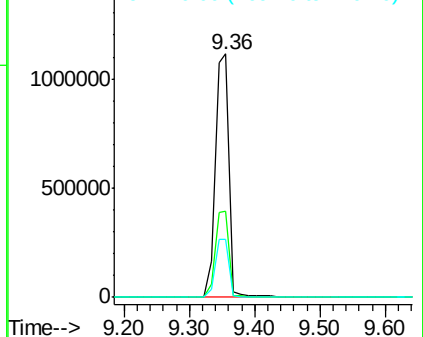
#44
 2-Fluorobiphenyl
 Concen: 110.28 ng
 RT: 9.36 min Scan# 636
 Delta R.T. -0.00 min
 Lab File: BF092618.D
 Acq: 28 Jan 2017 11:06

Instrument :
 BNA_F
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 SB-19-COMP

Tgt Ion:172 Resp: 1673180
 Ion Ratio Lower Upper
 172 100
 171 35.6 29.4 44.0
 170 23.8 20.2 30.4

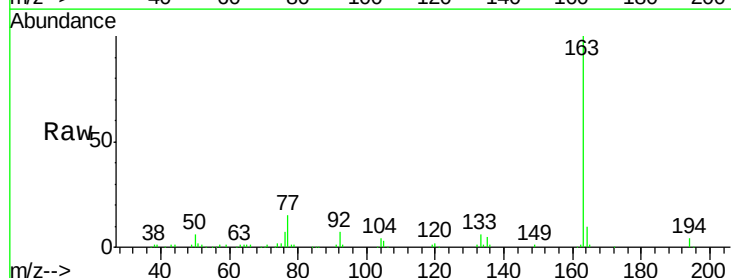


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

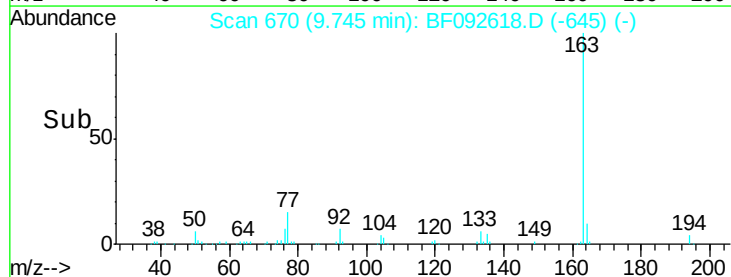
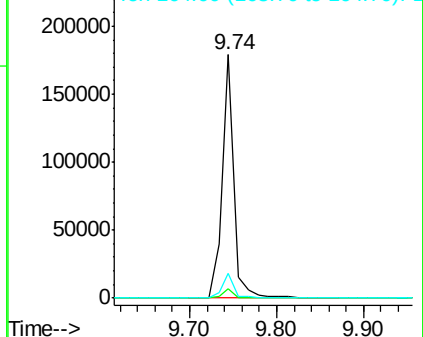


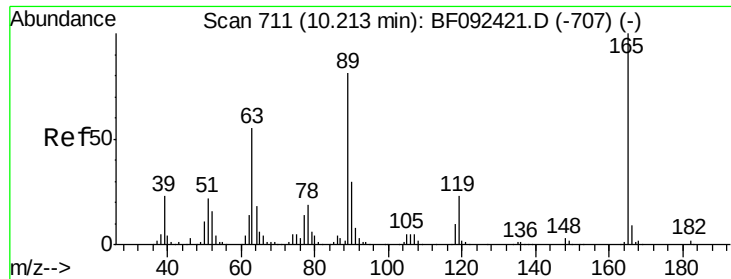
#49
 Dimethylphthalate
 Concen: 9.57 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092618.D
 Acq: 28 Jan 2017 11:06

Tgt Ion:163 Resp: 170707
 Ion Ratio Lower Upper
 163 100
 194 3.6 3.0 4.4
 164 10.0 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

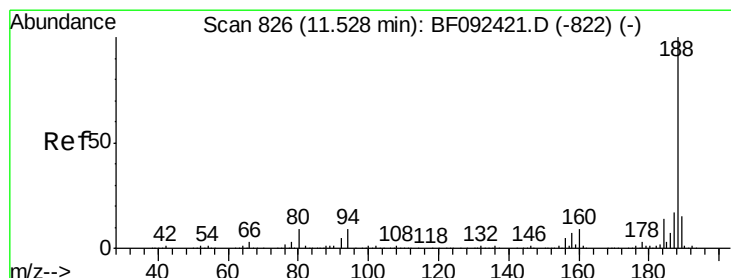
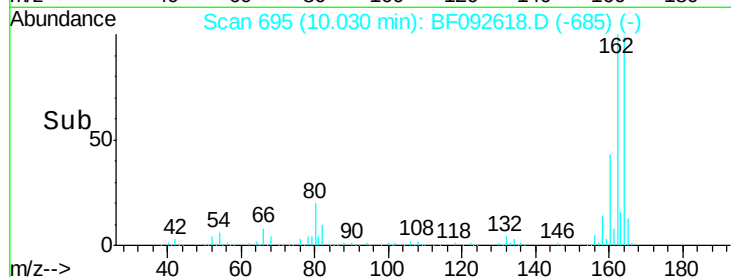
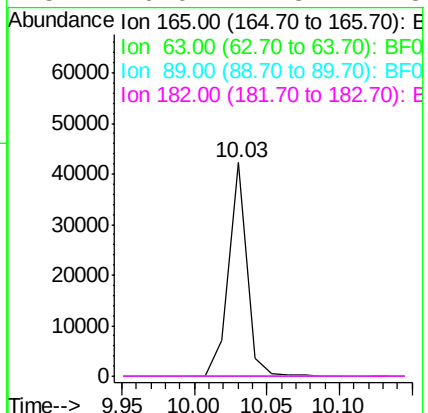
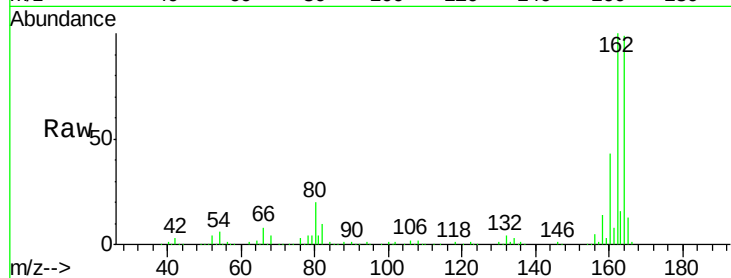




#56
2,4-Dinitrotoluene
Concen: 7.67 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092618.D
Acq: 28 Jan 2017 11:06

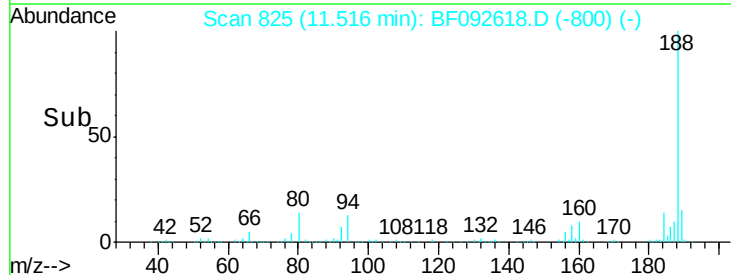
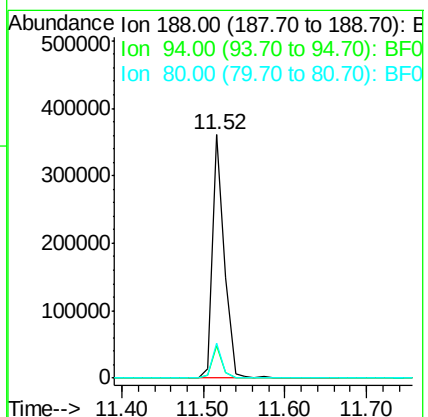
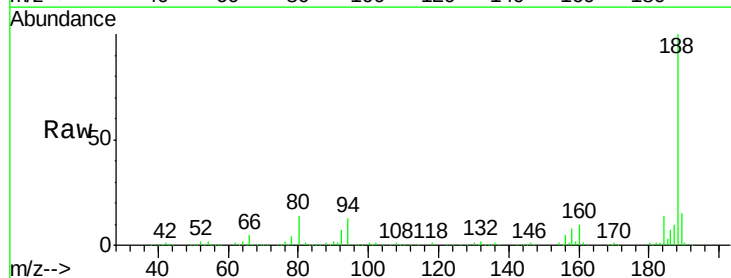
Instrument :
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SB-19-COMP

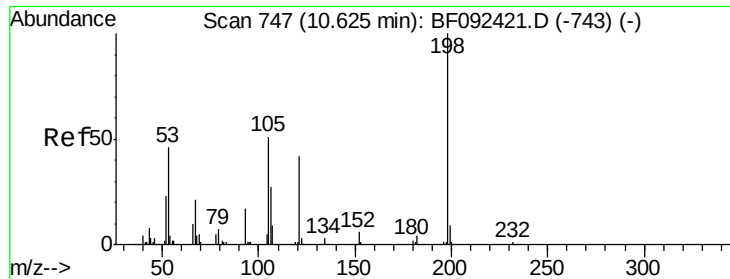
Tgt Ion:	165	Resp:	37130
Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092618.D
Acq: 28 Jan 2017 11:06

Tgt Ion:	188	Resp:	370381
Ion	Ratio	Lower	Upper
188	100		
94	13.1	10.0	15.0
80	14.4	11.2	16.8

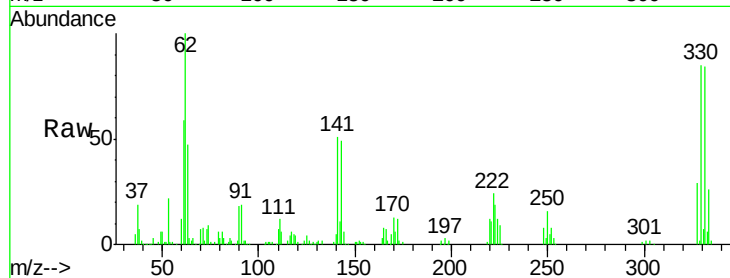




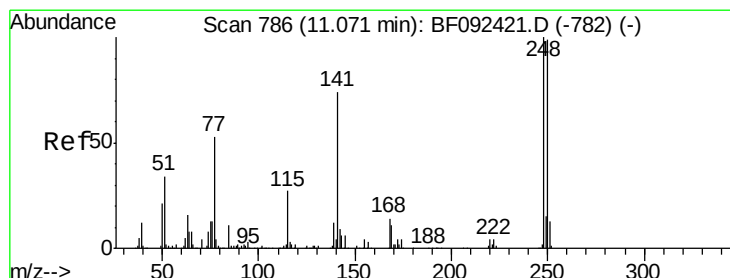
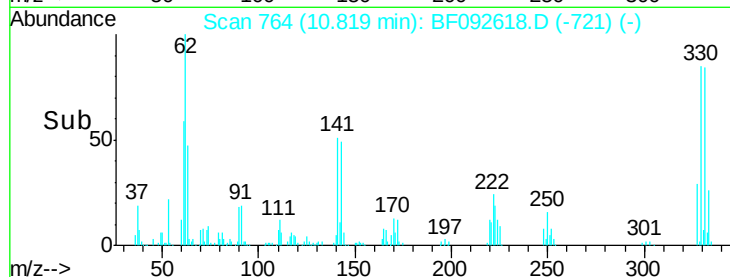
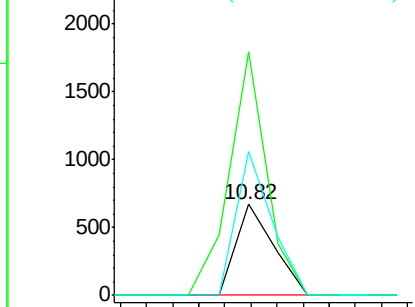
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.25 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.20 min
 Lab File: BF092618.D
 Acq: 28 Jan 2017 11:06

Instrument :
 BNA_F
 ClientSampleId :
 SB-19-COMP

Tgt Ion:198 Resp: 675
 Ion Ratio Lower Upper
 198 100
 51 267.7 6.7 46.7#
 105 158.6 16.6 56.6#

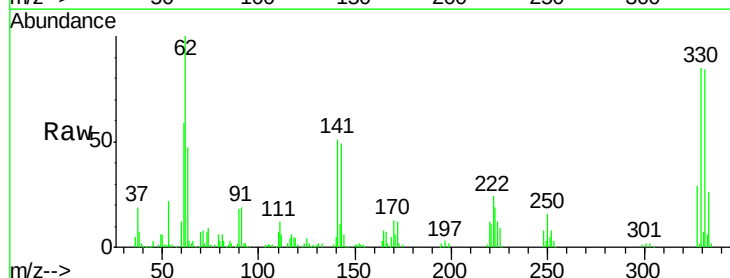


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

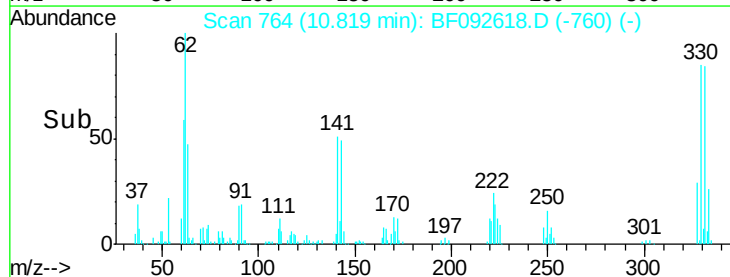
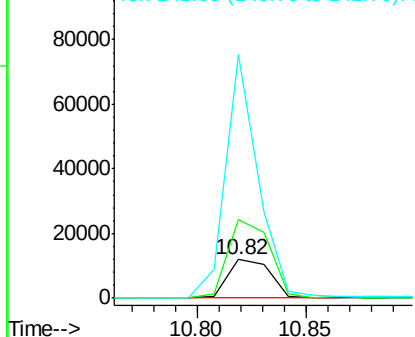


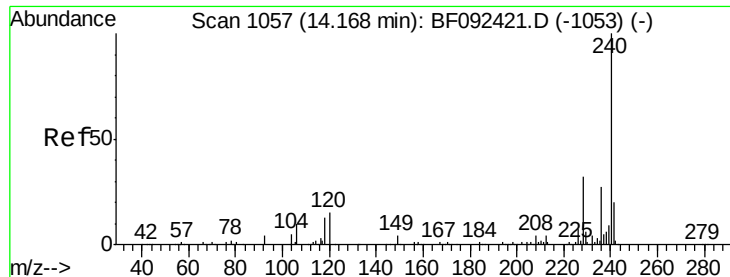
#66
 4-Bromophenyl-phenylether
 Concen: 4.35 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.25 min
 Lab File: BF092618.D
 Acq: 28 Jan 2017 11:06

Tgt Ion:248 Resp: 16261
 Ion Ratio Lower Upper
 248 100
 250 205.3 76.9 115.3#
 141 635.4 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: 14.17 min Scan# 1057

Delta R.T. -0.00 min

Lab File: BF092618.D

Acq: 28 Jan 2017 11:06

Instrument :

BNA_F

ClientSampleId :

SB-19-COMP

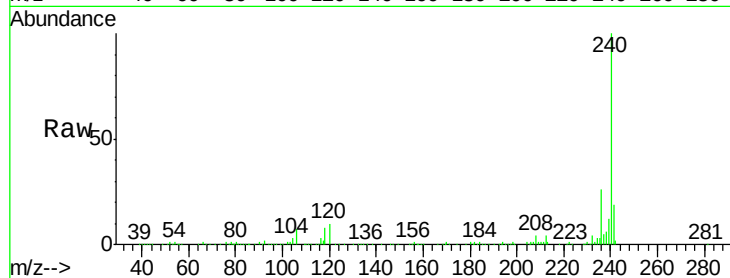
Tgt Ion:240 Resp: 320088

Ion Ratio Lower Upper

240 100

120 10.0 12.9 19.3#

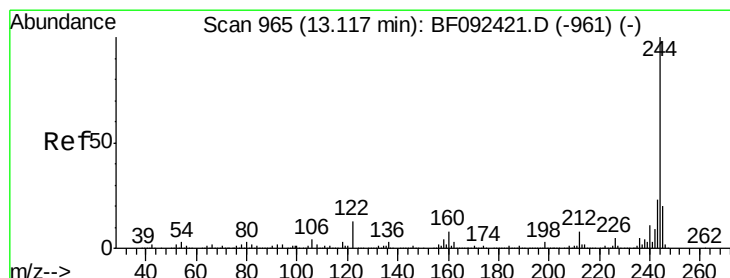
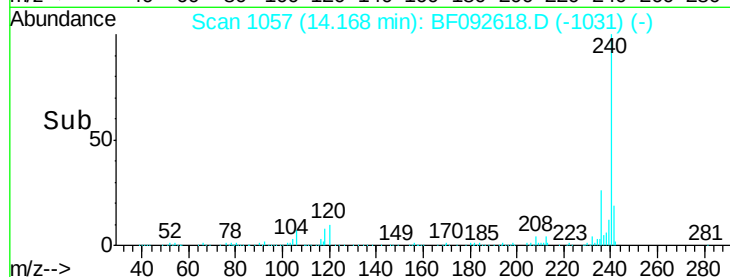
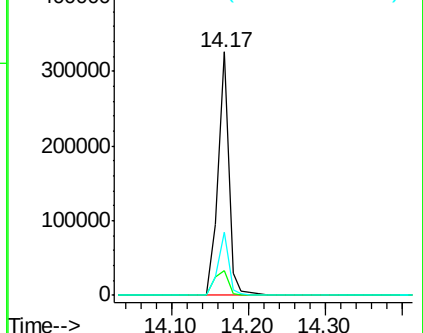
236 25.9 20.9 31.3



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: 100.19 ng

RT: 13.12 min Scan# 965

Delta R.T. -0.00 min

Lab File: BF092618.D

Acq: 28 Jan 2017 11:06

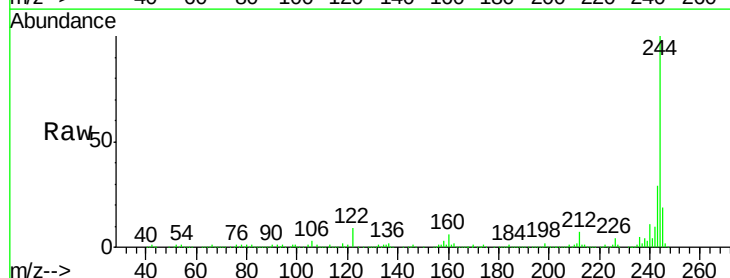
Tgt Ion:244 Resp: 1204386

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

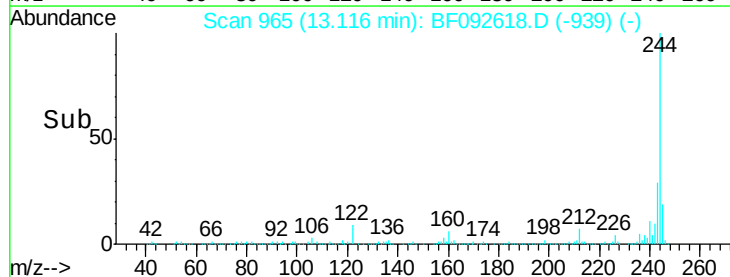
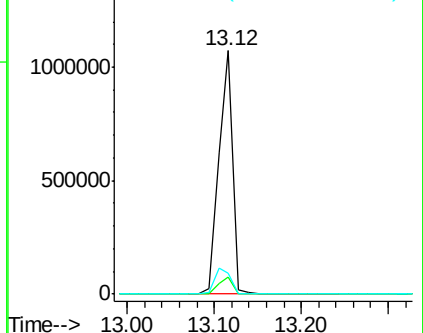
122 8.7 11.4 17.2#

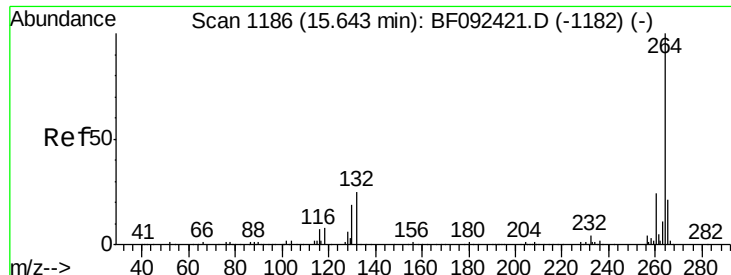


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092618.D
Acq: 28 Jan 2017 11:06

Instrument :
BNA_F
ClientSampleId :
SB-19-COMP

Tgt Ion: 264 Resp: 225910
Ion Ratio Lower Upper
264 100
260 23.8 19.2 28.8
265 21.5 17.4 26.0

