

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012717\
 Data File : BF092619.D
 Acq On : 28 Jan 2017 11:33
 Operator : SJ/MA
 Sample : I1528-14
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Quant Time: Jan 29 23:48:33 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

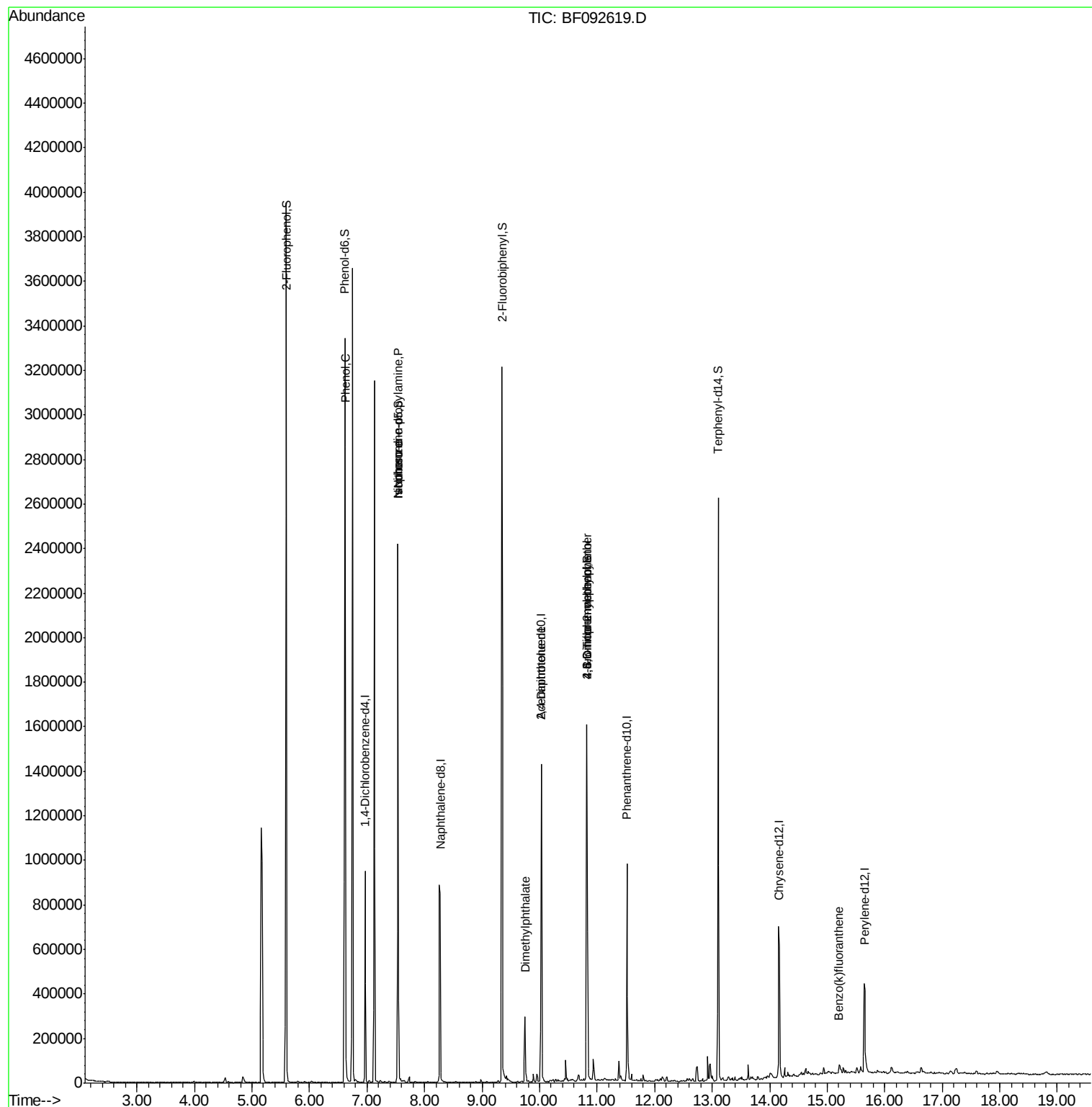
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	159302	20.00	ng	0.00
21) Naphthalene-d8	8.27	136	611139	20.00	ng	0.00
38) Acenaphthene-d10	10.03	164	298215	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	393214	20.00	ng	-0.01
75) Chrysene-d12	14.17	240	324079	20.00	ng	0.00
86) Perylene-d12	15.65	264	226478	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	1302785	127.24	ng	0.05
7) Phenol-d6	6.61	99	1644628	126.10	ng	0.02
23) Nitrobenzene-d5	7.54	82	804153	71.88	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	205582	101.16	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1356567	84.12	ng	-0.01
78) Terphenyl-d14	13.11	244	884030	72.64	ng	-0.01
Target Compounds						
10) Phenol	6.62	94	49292	3.13	ng	# 23
19) n-Nitroso-di-n-propylamine	7.54	70	108623	12.23	ng	# 82
25) Isophorone	7.54	82	638774	28.97	ng	# 65
49) Dimethylphthalate	9.74	163	138484	7.30	ng	# 99
56) 2,4-Dinitrotoluene	10.03	165	38556	7.49	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.82	198	346	5.10	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	14934	3.76	ng	# 1
88) Benzo(k)fluoranthene	15.21	252	28404	2.35	ng	# 91

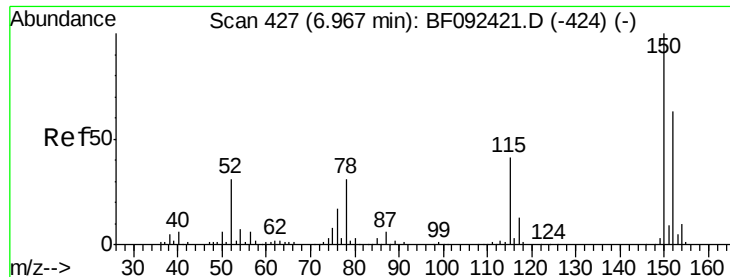
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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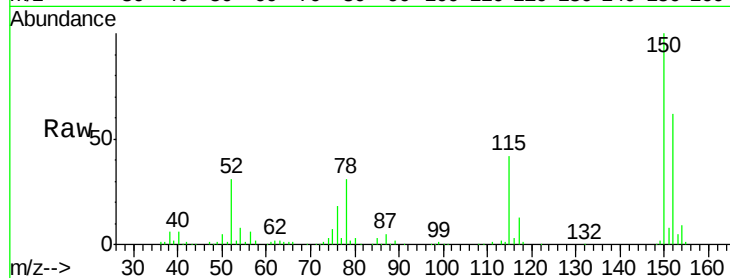


#1

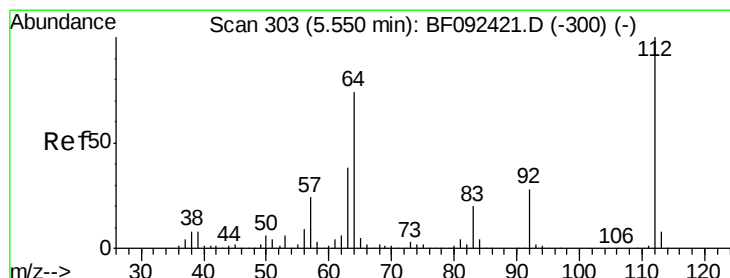
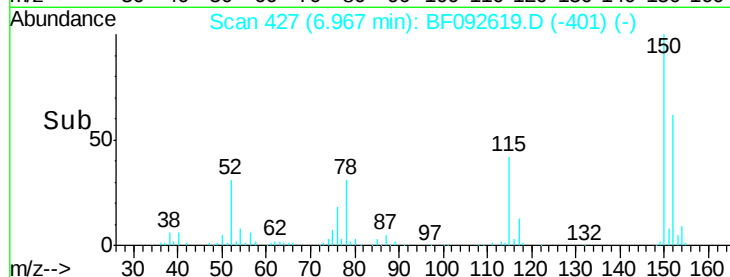
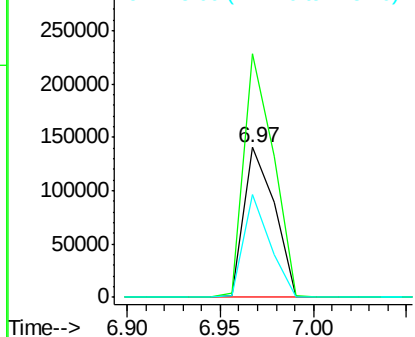
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092619.D
Acq: 28 Jan 2017 11:33

Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

Tgt Ion:152 Resp: 159302
Ion Ratio Lower Upper
152 100
150 162.3 124.9 187.3
115 68.4 46.0 69.0



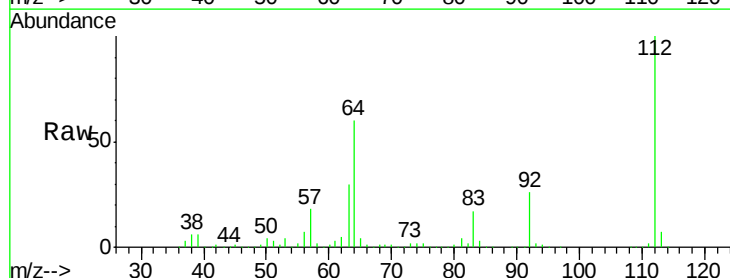
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



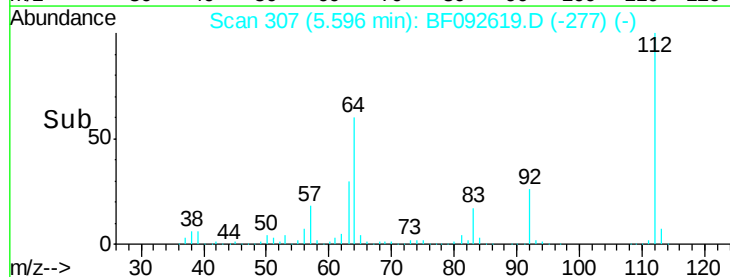
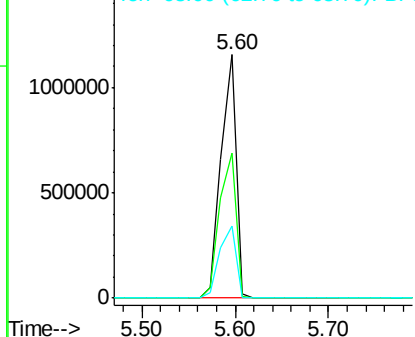
#5

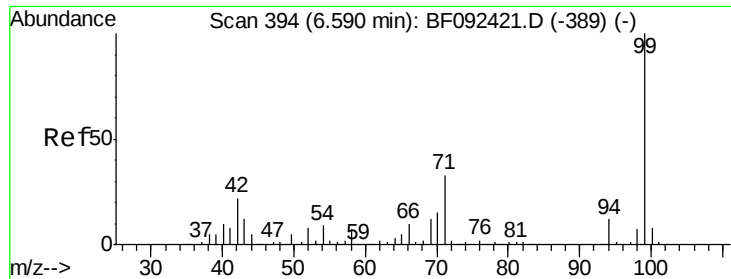
2-Fluorophenol
Concen: 127.24 ng
RT: 5.60 min Scan# 307
Delta R.T. 0.05 min
Lab File: BF092619.D
Acq: 28 Jan 2017 11:33

Tgt Ion:112 Resp: 1302785
Ion Ratio Lower Upper
112 100
64 59.8 46.1 69.1
63 29.8 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: 126.10 ng

RT: 6.61 min Scan# 396

Delta R.T. 0.02 min

Lab File: BF092619.D

Acq: 28 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

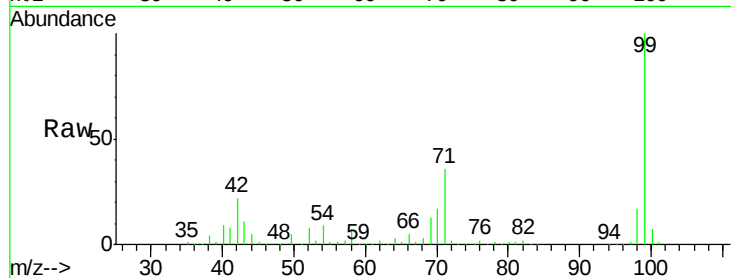
Tgt Ion: 99 Resp: 1644628

Ion Ratio Lower Upper

99 100

42 22.5 15.6 23.4

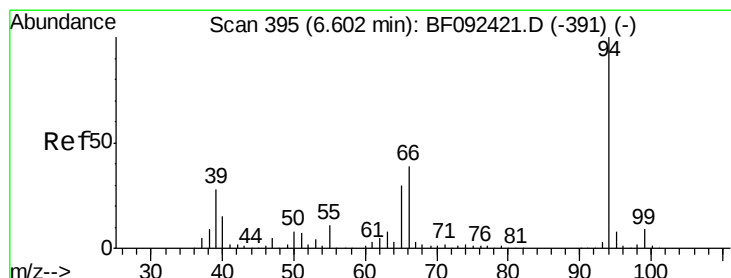
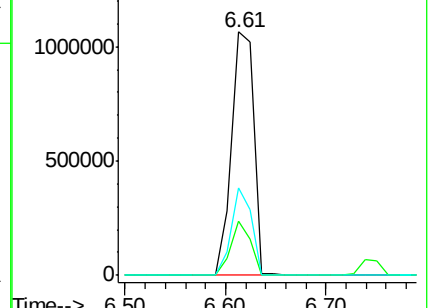
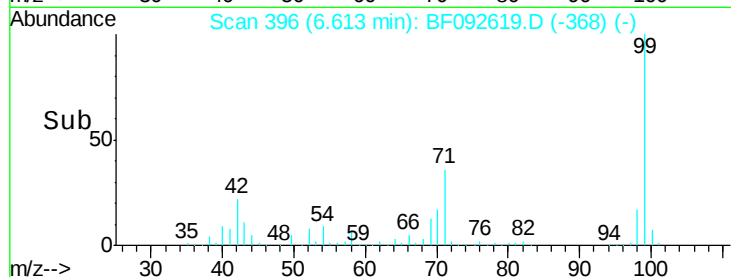
71 36.1 27.5 41.3



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



#10

Phenol

Concen: 3.13 ng

RT: 6.62 min Scan# 397

Delta R.T. 0.02 min

Lab File: BF092619.D

Acq: 28 Jan 2017 11:33

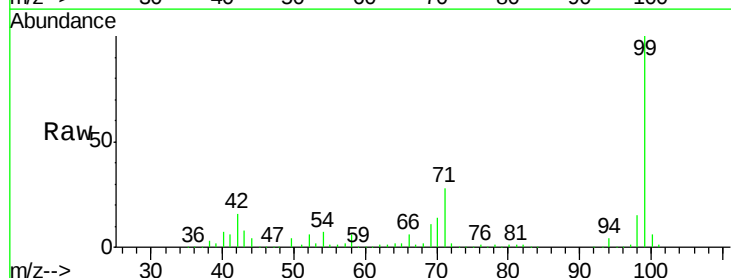
Tgt Ion: 94 Resp: 49292

Ion Ratio Lower Upper

94 100

65 57.9 21.4 61.4

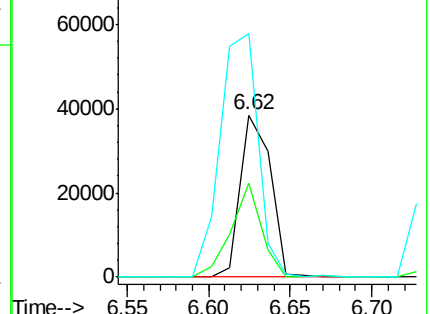
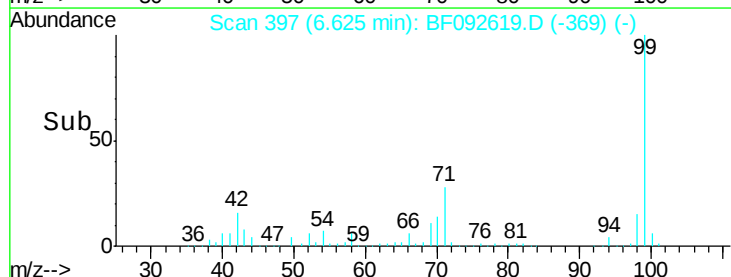
66 150.2 44.0 84.0#



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: 12.23 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092619.D

Acq: 28 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

Tgt Ion: 70 Resp: 108623

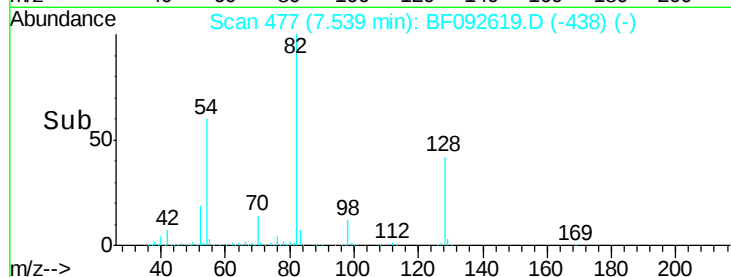
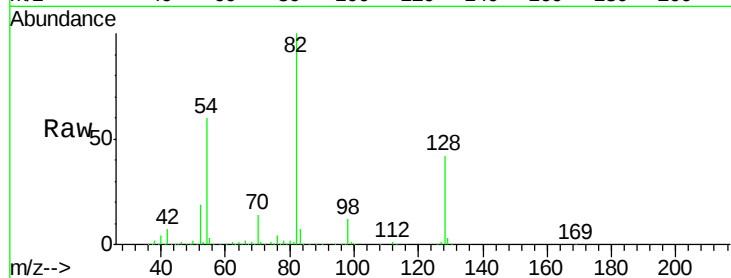
Ion Ratio Lower Upper

70 100

42 53.2 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

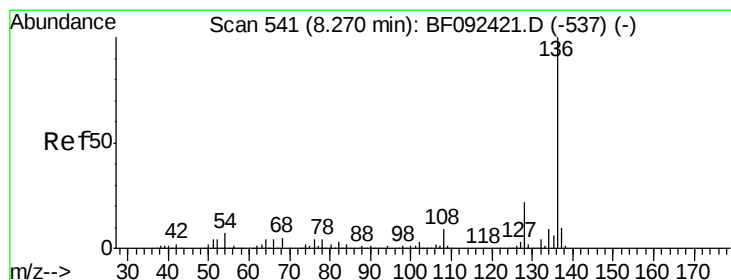
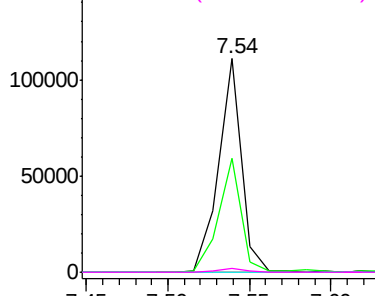


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): 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: BF092619.D

Acq: 28 Jan 2017 11:33

Tgt Ion: 136 Resp: 611139

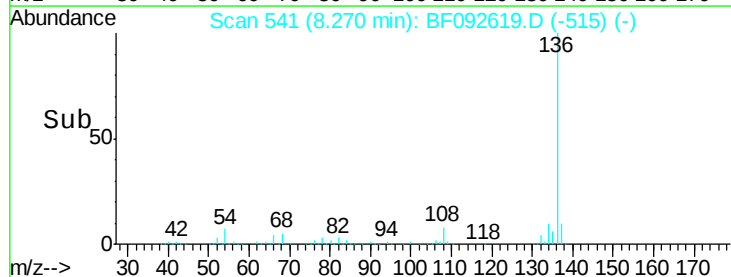
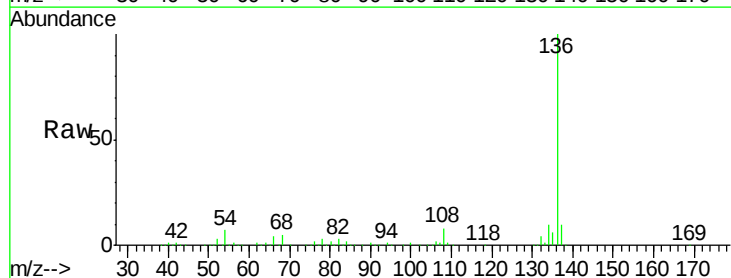
Ion Ratio Lower Upper

136 100

137 10.5 8.4 12.6

54 6.7 4.5 6.7

68 4.6 3.6 5.4

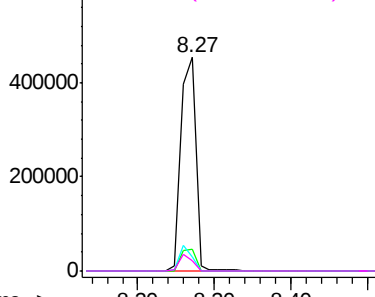


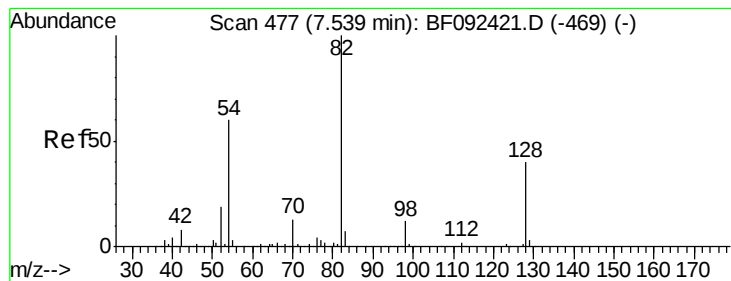
Abundance Ion 136.00 (135.70 to 136.70): E

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: 71.88 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.00 min

Lab File: BF092619.D

Acq: 28 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

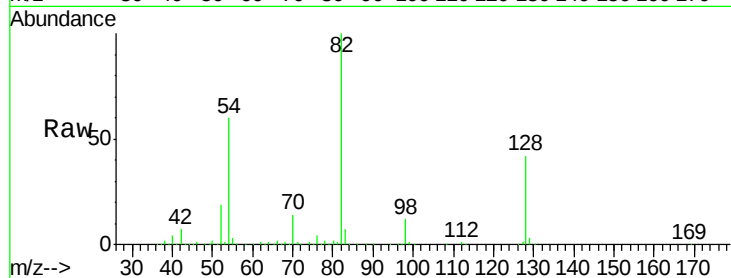
Tgt Ion: 82 Resp: 804153

Ion Ratio Lower Upper

82 100

128 41.9 34.6 52.0

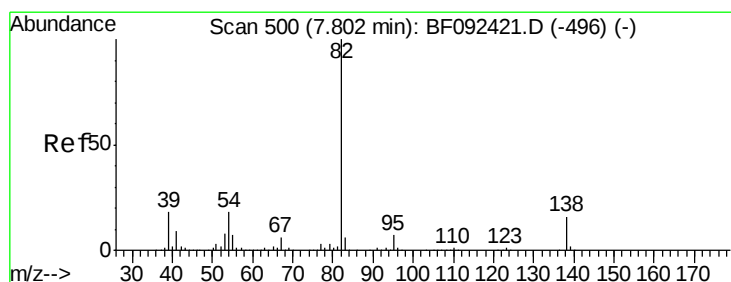
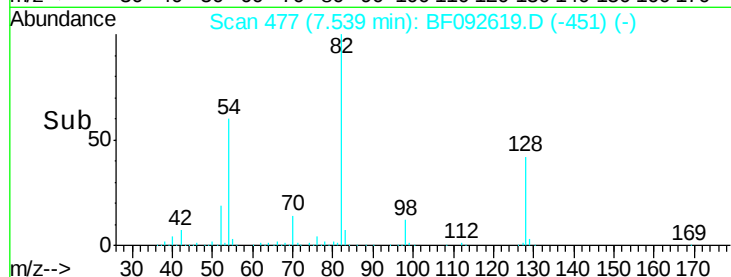
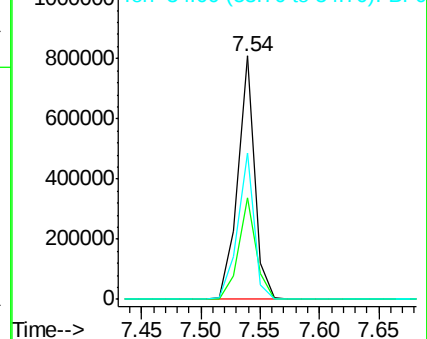
54 59.9 39.5 59.3#



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: 28.97 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092619.D

Acq: 28 Jan 2017 11:33

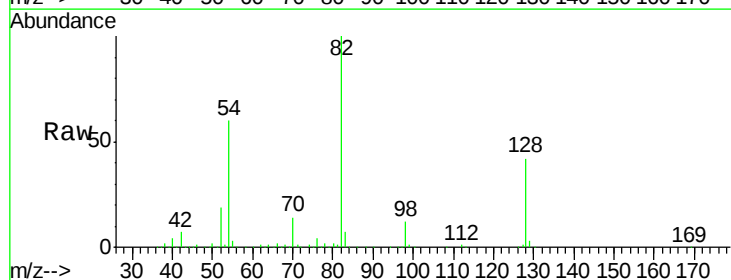
Tgt Ion: 82 Resp: 638774

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

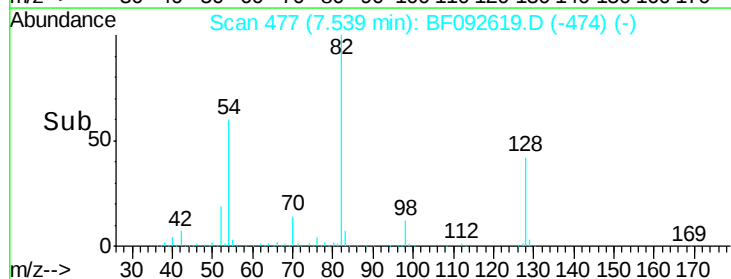
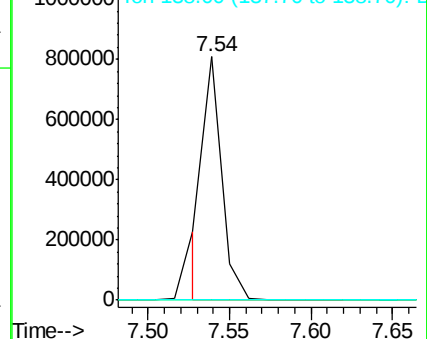
138 0.0 14.6 22.0#

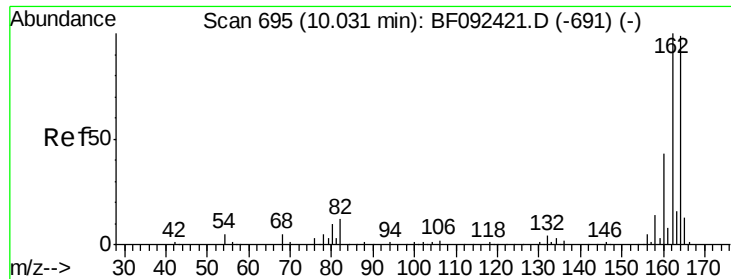


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

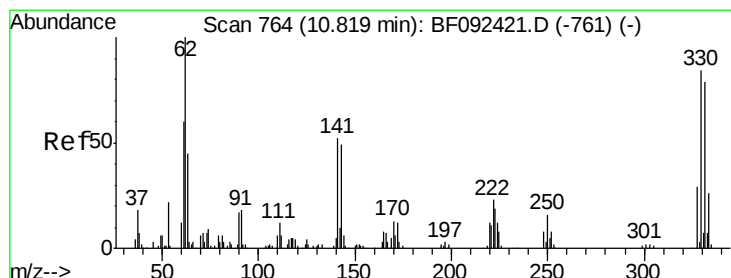
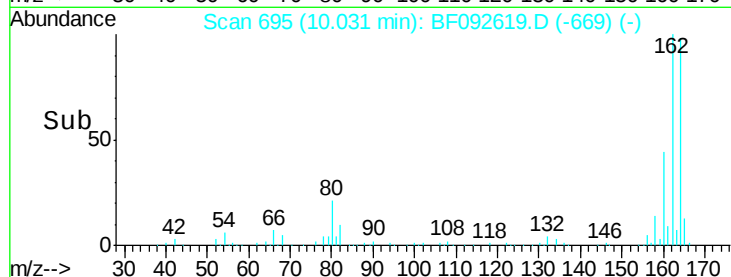
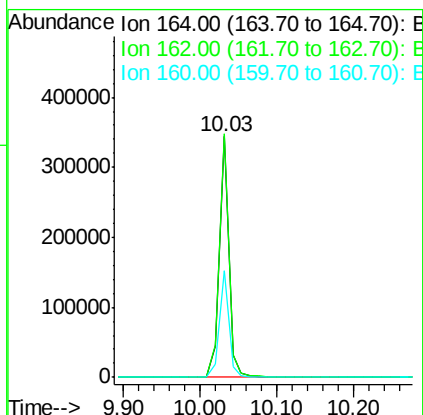
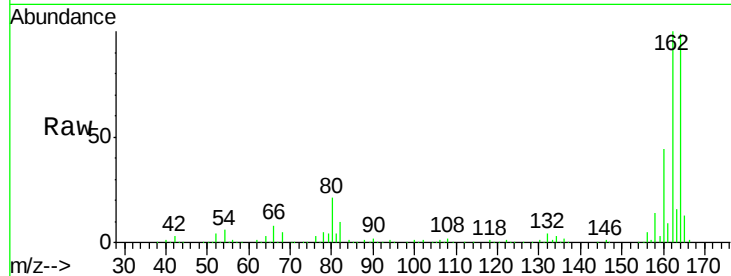




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.03 min Scan# 695
 Delta R.T. 0.00 min
 Lab File: BF092619.D
 Acq: 28 Jan 2017 11:33

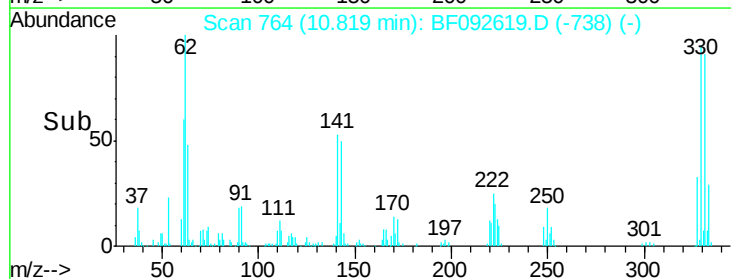
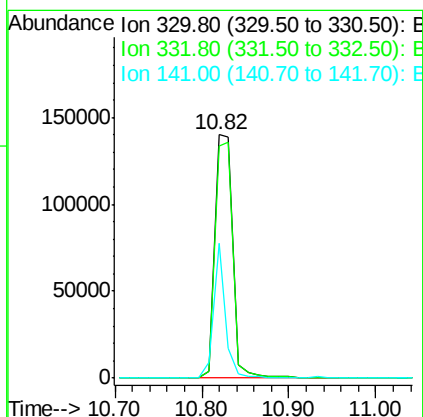
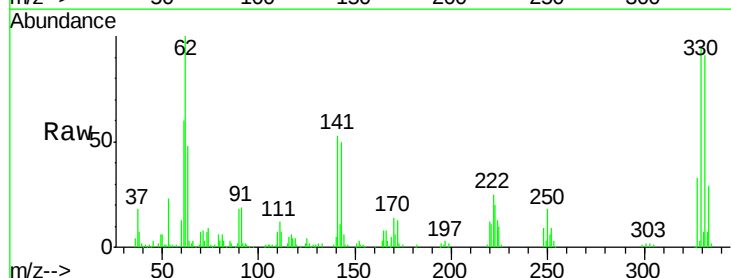
Instrument :
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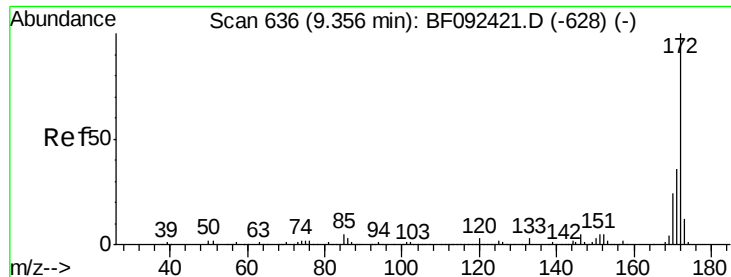
Tgt Ion:164 Resp: 298215
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.2 120.2
 160 44.5 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 101.16 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092619.D
 Acq: 28 Jan 2017 11:33

Tgt Ion:330 Resp: 205582
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 36.3 34.1 51.1

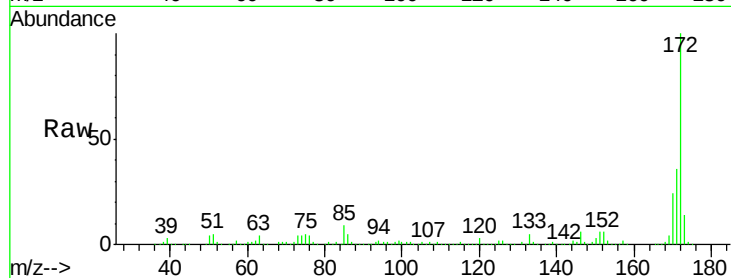




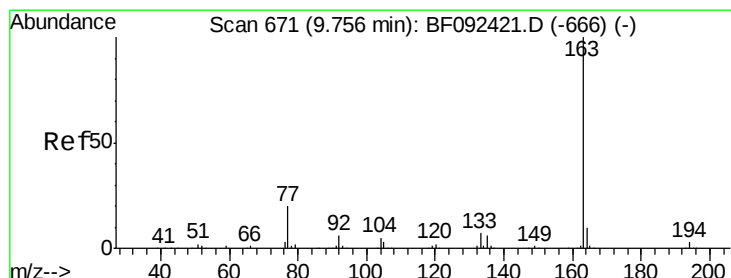
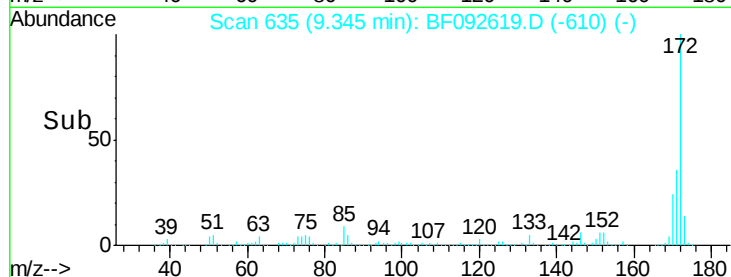
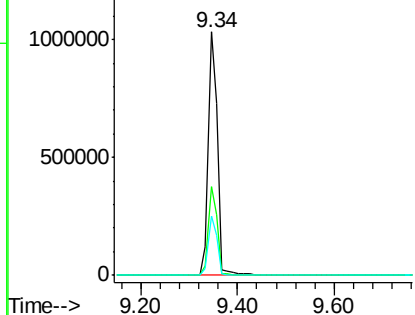
#44
 2-Fluorobiphenyl
 Concen: 84.12 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092619.D
 Acq: 28 Jan 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Tgt Ion:172 Resp: 1356567
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.2 20.2 30.4

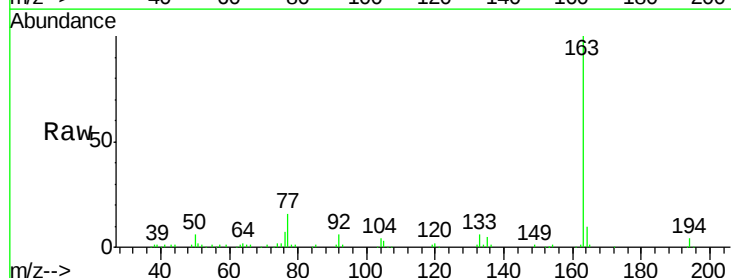


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

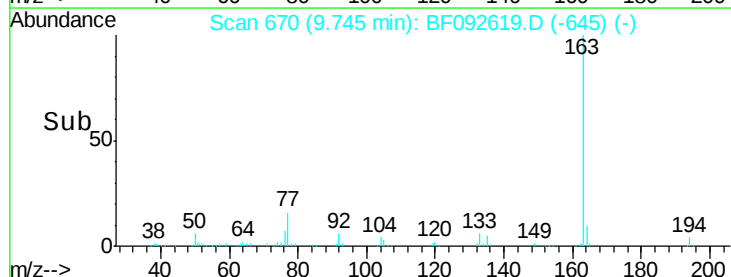
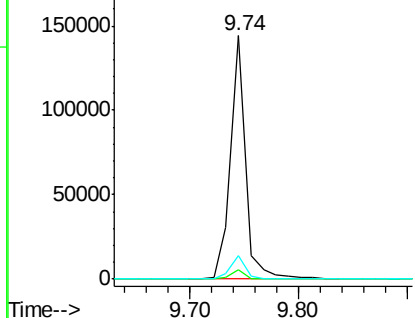


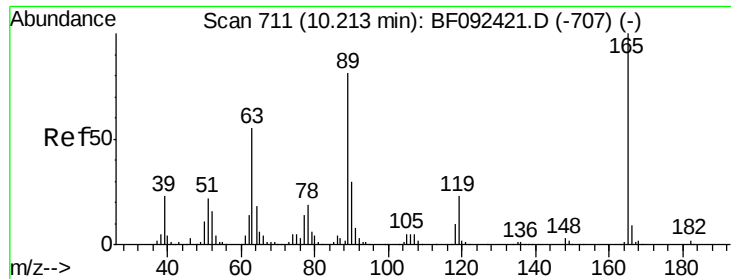
#49
 Dimethylphthalate
 Concen: 7.30 ng
 RT: 9.74 min Scan# 670
 Delta R.T. -0.01 min
 Lab File: BF092619.D
 Acq: 28 Jan 2017 11:33

Tgt Ion:163 Resp: 138484
 Ion Ratio Lower Upper
 163 100
 194 3.9 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

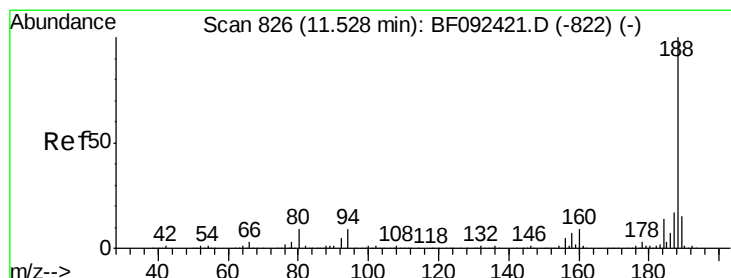
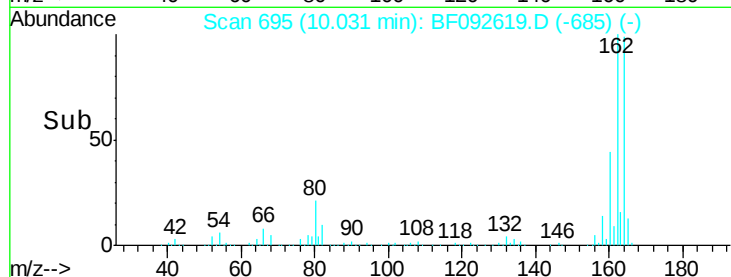
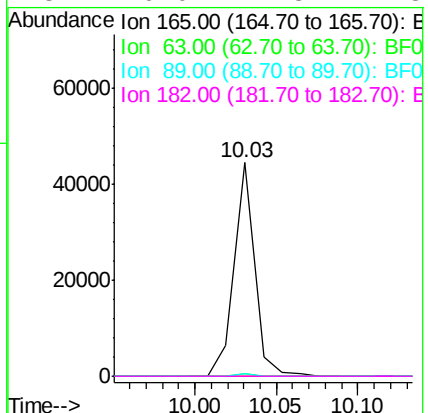
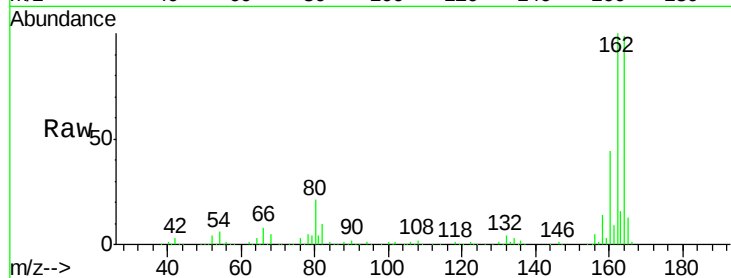




#56
2,4-Dinitrotoluene
Concen: 7.49 ng
RT: 10.03 min Scan# 695
Delta R.T. -0.18 min
Lab File: BF092619.D
Acq: 28 Jan 2017 11:33

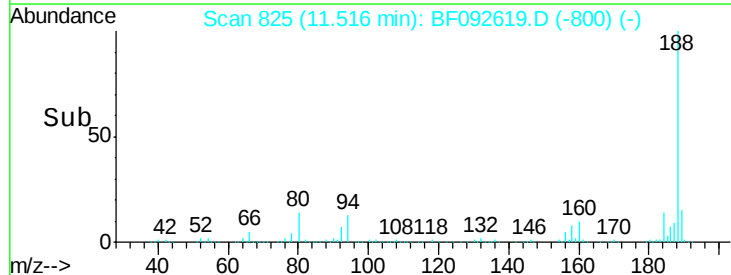
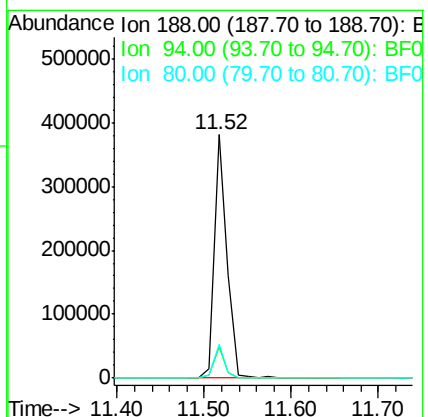
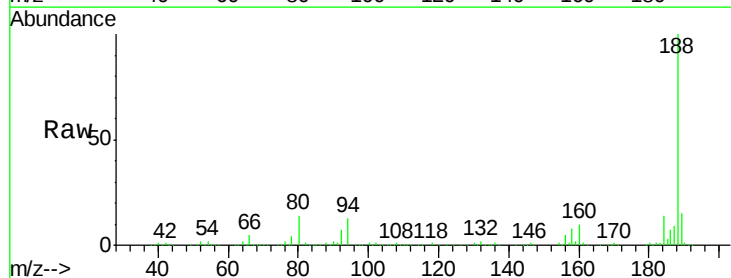
Instrument :
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SB-20-COMP

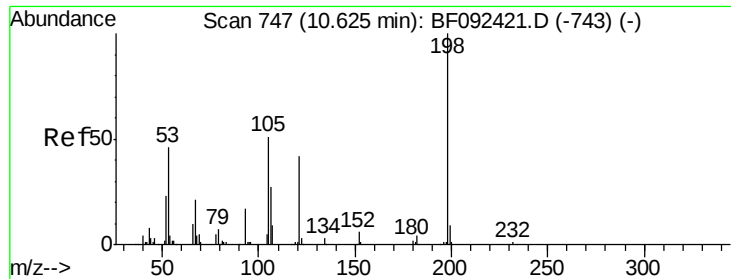
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.52 min Scan# 825
Delta R.T. -0.01 min
Lab File: BF092619.D
Acq: 28 Jan 2017 11:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	12.8	10.0	15.0
80	14.0	11.2	16.8

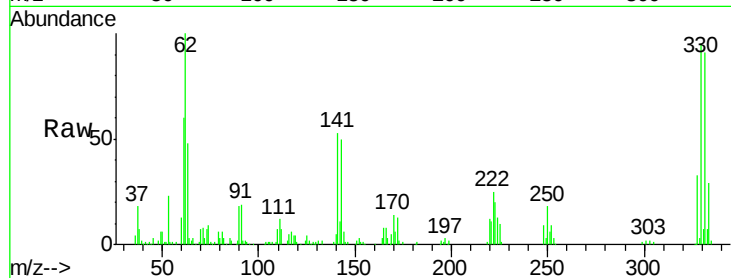




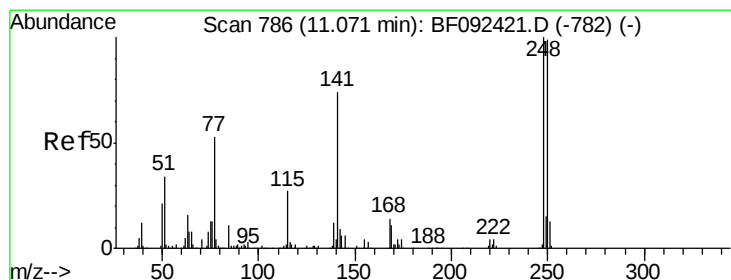
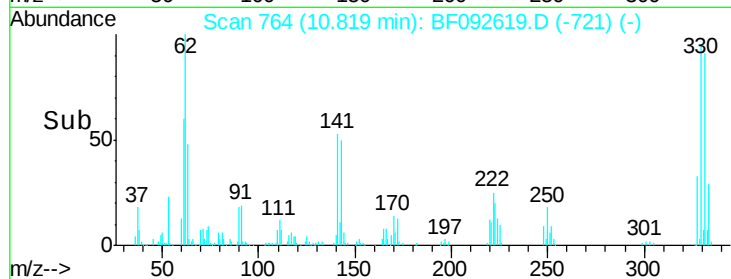
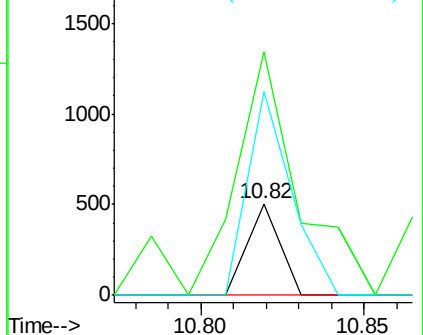
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.10 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.20 min
 Lab File: BF092619.D
 Acq: 28 Jan 2017 11:33

Instrument :
 BNA_F
 ClientSampleId :
 SB-20-COMP

Tgt Ion:198 Resp: 346
 Ion Ratio Lower Upper
 198 100
 51 265.7 6.7 46.7#
 105 223.0 16.6 56.6#

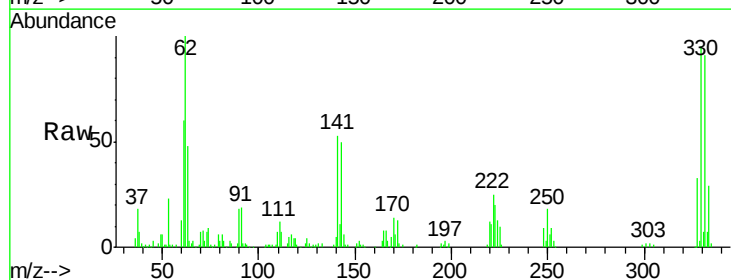


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

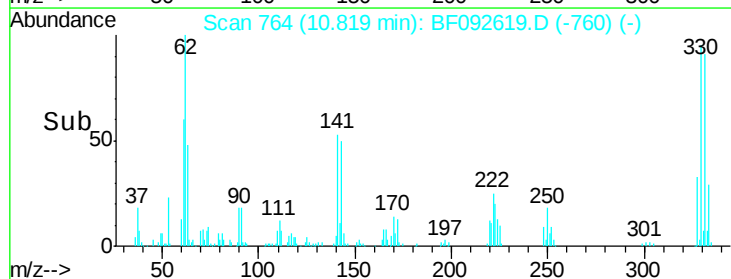
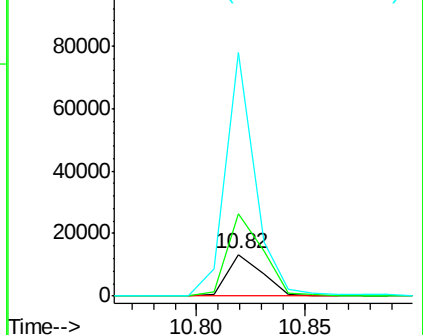


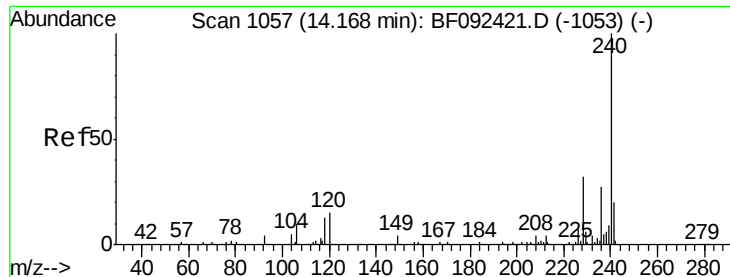
#66
 4-Bromophenyl-phenylether
 Concen: 3.76 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.25 min
 Lab File: BF092619.D
 Acq: 28 Jan 2017 11:33

Tgt Ion:248 Resp: 14934
 Ion Ratio Lower Upper
 248 100
 250 195.9 76.9 115.3#
 141 580.7 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: BF092619.D

Acq: 28 Jan 2017 11:33

Instrument :

BNA_F

ClientSampleId :

SB-20-COMP

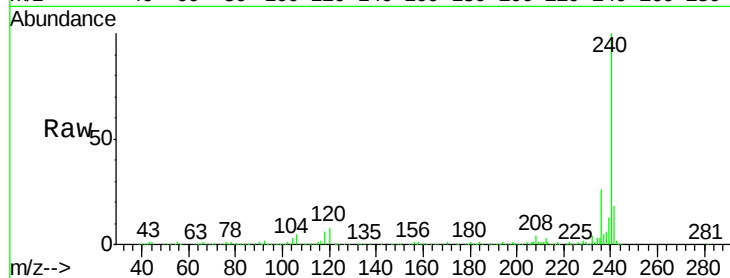
Tgt Ion:240 Resp: 324079

Ion Ratio Lower Upper

240 100

120 7.6 12.9 19.3#

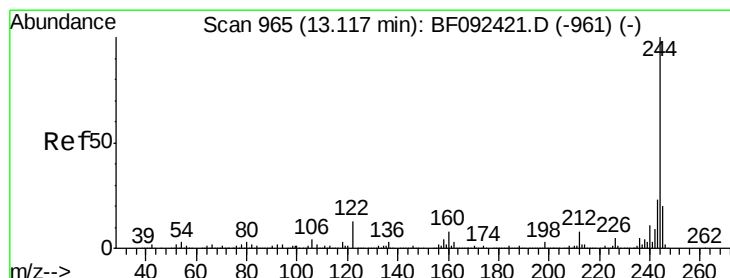
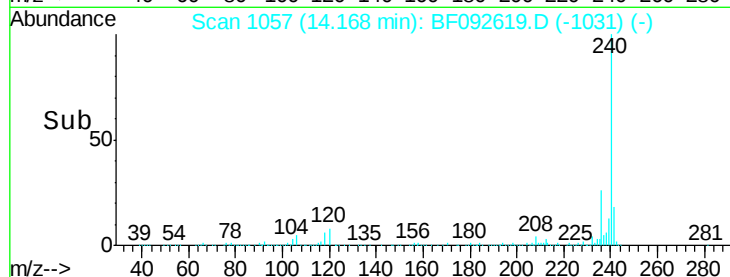
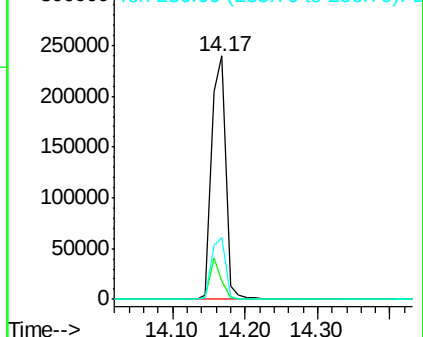
236 25.5 20.9 31.3



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: 72.64 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092619.D

Acq: 28 Jan 2017 11:33

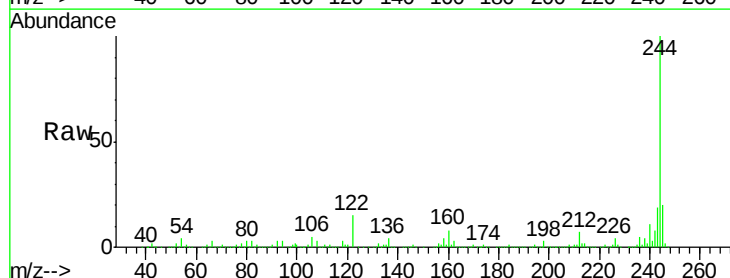
Tgt Ion:244 Resp: 884030

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

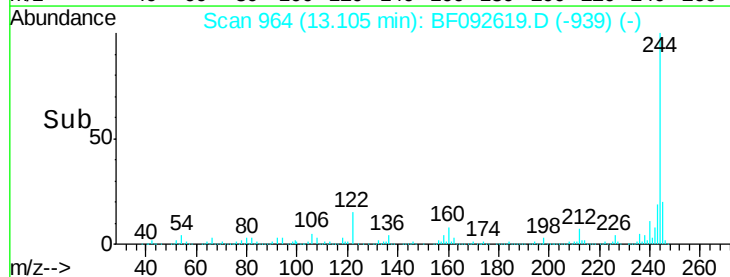
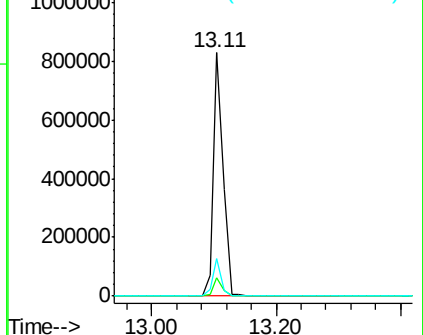
122 15.5 11.4 17.2

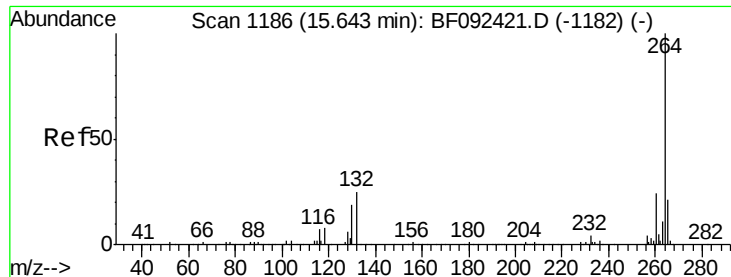


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



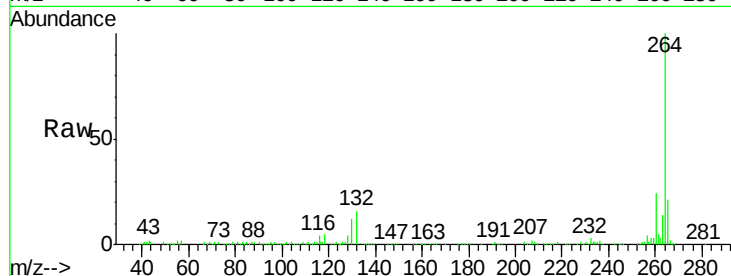


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.65 min Scan# 1187
Delta R.T. 0.01 min
Lab File: BF092619.D
Acq: 28 Jan 2017 11:33

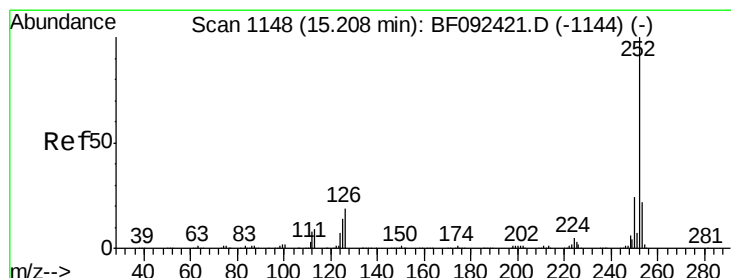
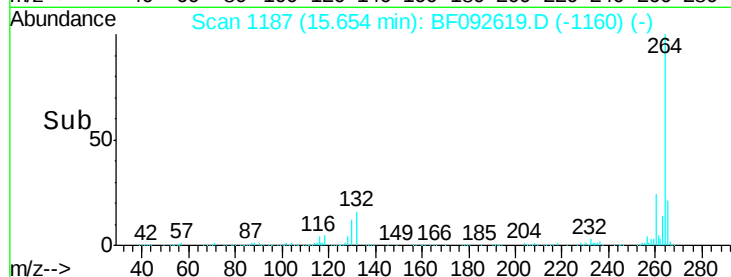
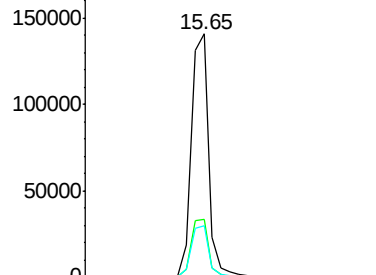
Instrument :
BNA_F
ClientSampleId :
SB-20-COMP

Tgt Ion: 264 Resp: 226478

Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.2	28.8
265	21.0	17.4	26.0



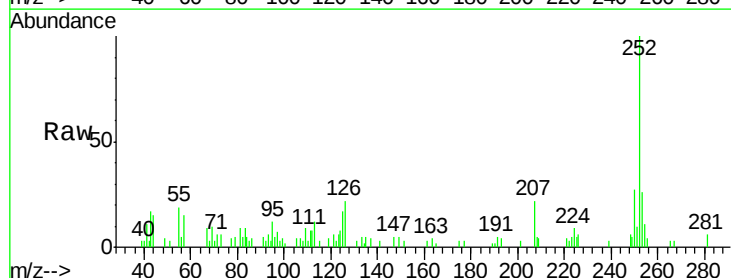
Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88
Benzo(k)fluoranthene
Concen: 2.35 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.03 min
Lab File: BF092619.D
Acq: 28 Jan 2017 11:33

Tgt Ion: 252 Resp: 28404

Ion	Ratio	Lower	Upper
252	100		
253	26.4	18.5	27.7
125	16.7	8.9	13.3



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E

