

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010917\
 Data File : BF092137.D
 Acq On : 9 Jan 2017 14:38
 Operator : UM/SJ
 Sample : I1073-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 L-SWITCH-SP-0-2-COMP

Quant Time: Jan 09 15:09:16 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

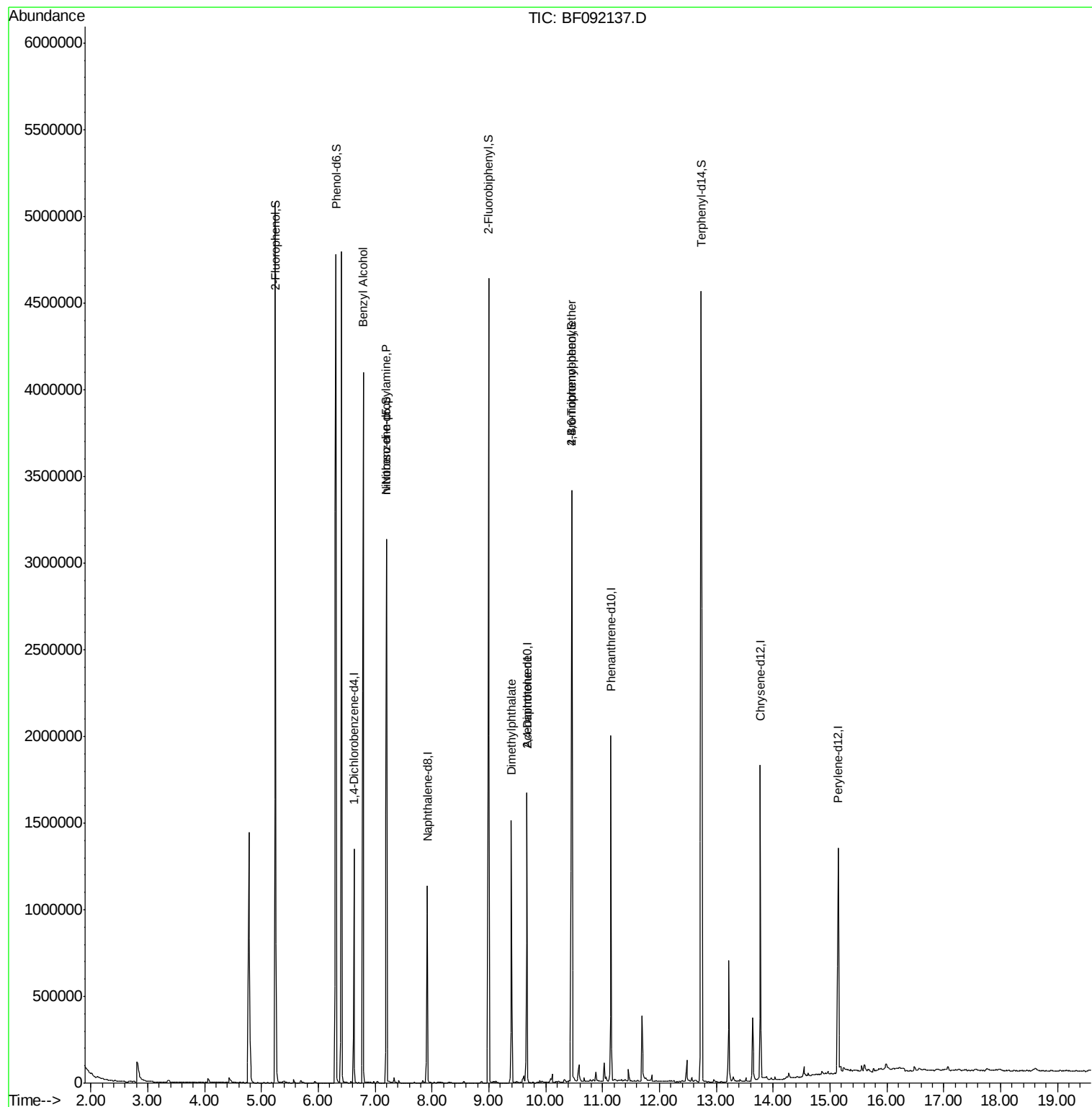
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	196439	20.00	ng	-0.01
21) Naphthalene-d8	7.92	136	787095	20.00	ng	-0.01
38) Acenaphthene-d10	9.67	164	433636	20.00	ng	-0.01
63) Phenanthrene-d10	11.14	188	705816	20.00	ng	-0.01
75) Chrysene-d12	13.77	240	610797	20.00	ng	-0.01
86) Perylene-d12	15.15	264	555355	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	1461571	124.23	ng	0.01
7) Phenol-d6	6.31	99	2122346	147.76	ng	0.00
23) Nitrobenzene-d5	7.20	82	1235258	87.27	ng	-0.01
41) 2,4,6-Tribromophenol	10.46	330	461858	128.70	ng	-0.01
44) 2-Fluorobiphenyl	9.00	172	2017825	97.19	ng	-0.01
78) Terphenyl-d14	12.73	244	2059774	81.79	ng	-0.01
Target Compounds						
15) Benzyl Alcohol	6.79	79	22843	2.05	ng	# 36
19) n-Nitroso-di-n-propylamine	7.20	70	166092	17.38	ng	# 77
49) Dimethylphthalate	9.40	163	718810	25.92	ng	99
56) 2,4-Dinitrotoluene	9.67	165	56967	7.48	ng	# 19
66) 4-Bromophenyl-phenylether	10.46	248	28003	3.81	ng	# 1
71) Anthracene	11.17	178	1122	Below	Cal	# 59
73) Di-n-butylphthalate	11.72	149	8421	Below	Cal	98
74) Fluoranthene	12.36	202	1082	Below	Cal	61

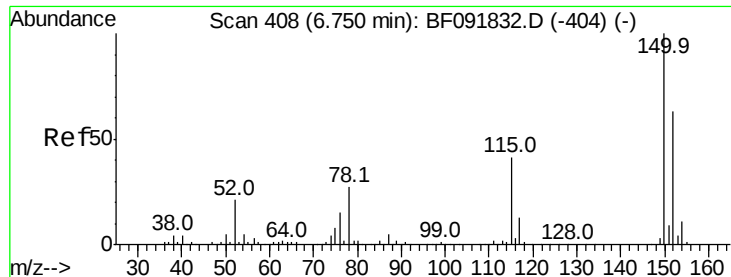
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 415

Delta R.T. -0.01 min

Lab File: BF092137.D

Acq: 9 Jan 2017 14:38

Instrument :

BNA_F

ClientSampleId :

L-SWITCH-SP-0-2-COMP

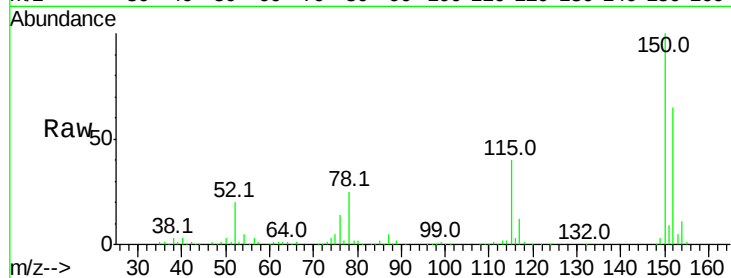
Tot Ion:152 Resp: 196439

Ion Ratio Lower Upper

152 100

150 154.5 124.9 187.3

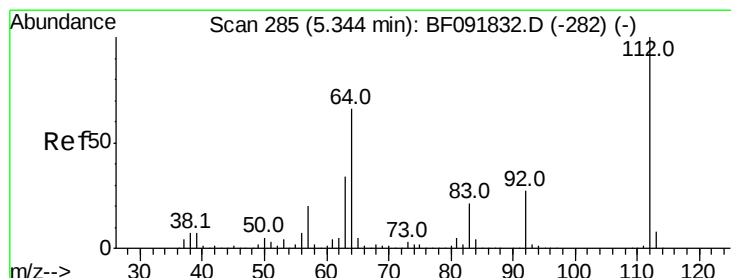
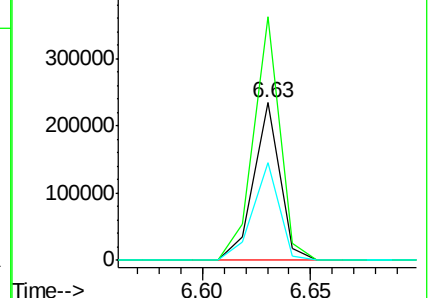
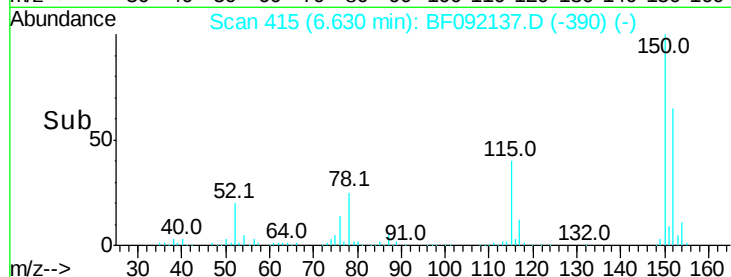
115 61.7 46.0 69.0



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: 124.23 ng

RT: 5.25 min Scan# 294

Delta R.T. 0.01 min

Lab File: BF092137.D

Acq: 9 Jan 2017 14:38

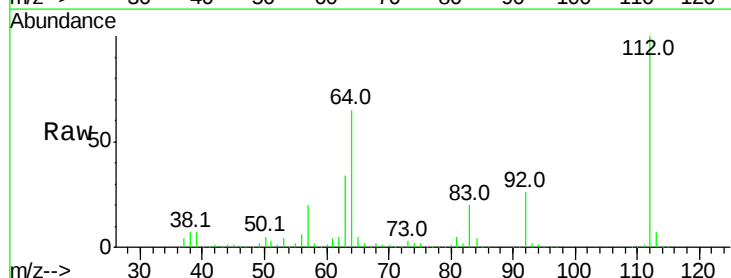
Tgt Ion:112 Resp: 1461571

Ion Ratio Lower Upper

112 100

64 64.6 46.1 69.1

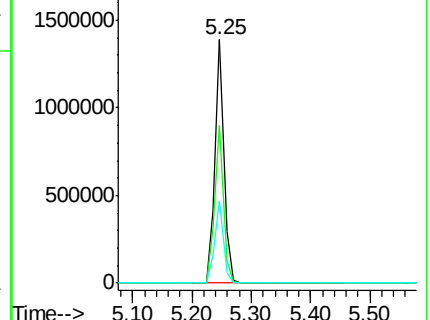
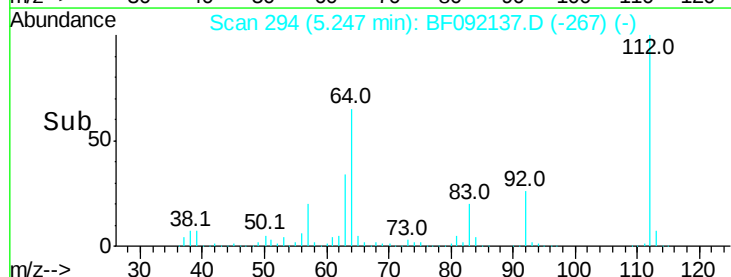
63 33.9 23.8 35.6

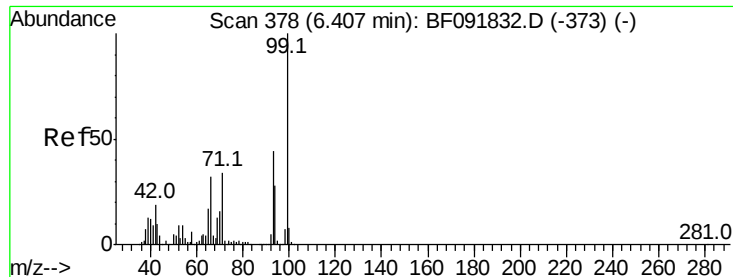


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 147.76 ng

RT: 6.31 min Scan# 387

Delta R.T. -0.00 min

Lab File: BF092137.D

Acq: 9 Jan 2017 14:38

Instrument :

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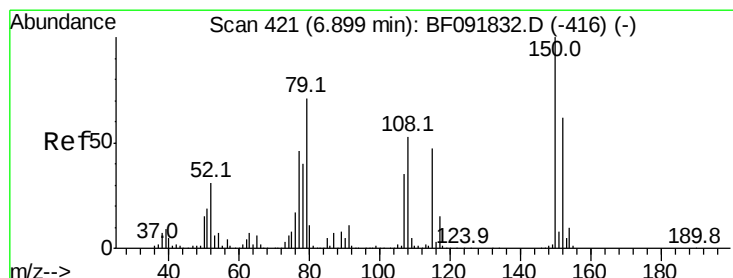
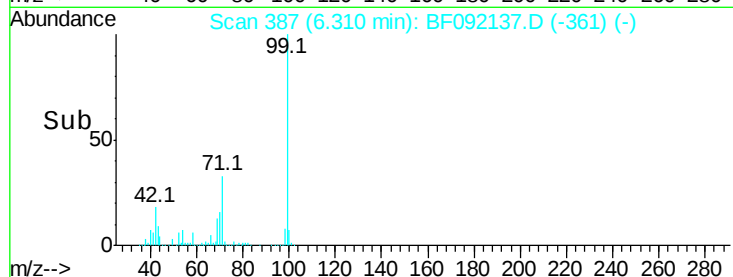
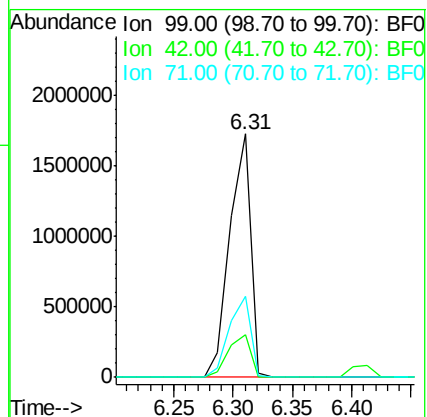
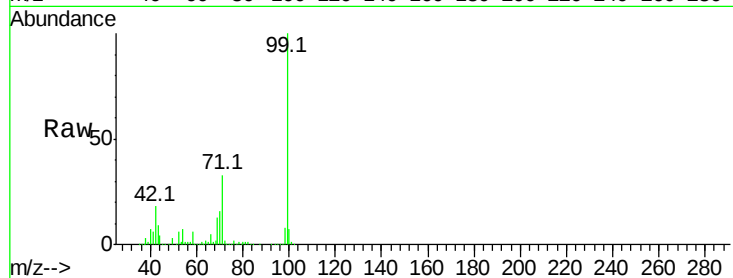
Tot Ion: 99 Resp: 2122346

Ion Ratio Lower Upper

99 100

42 17.5 15.6 23.4

71 33.1 27.5 41.3



#15

Benzyl Alcohol

Concen: 2.05 ng

RT: 6.79 min Scan# 429

Delta R.T. -0.01 min

Lab File: BF092137.D

Acq: 9 Jan 2017 14:38

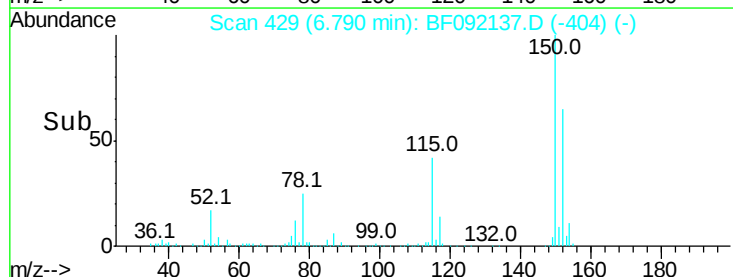
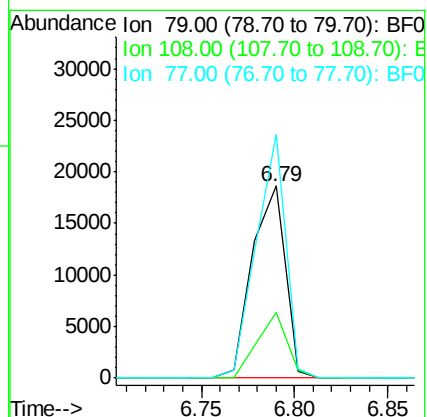
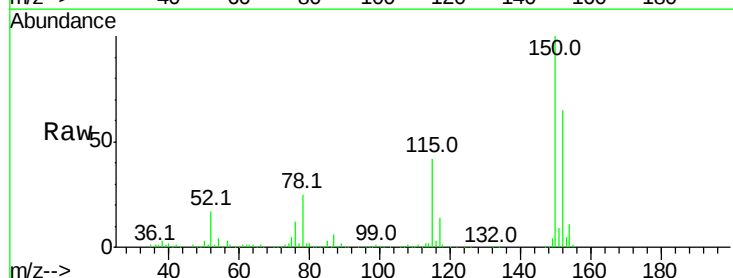
Tgt Ion: 79 Resp: 22843

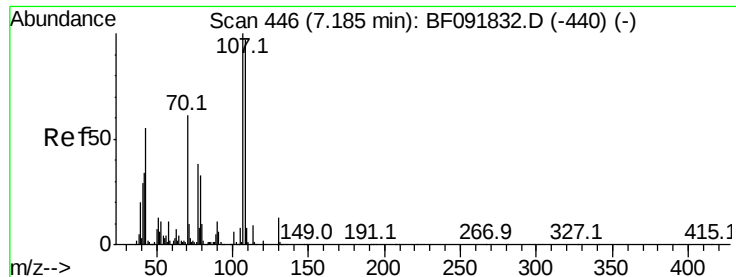
Ion Ratio Lower Upper

79 100

108 34.6 61.4 92.0#

77 126.9 50.9 76.3#

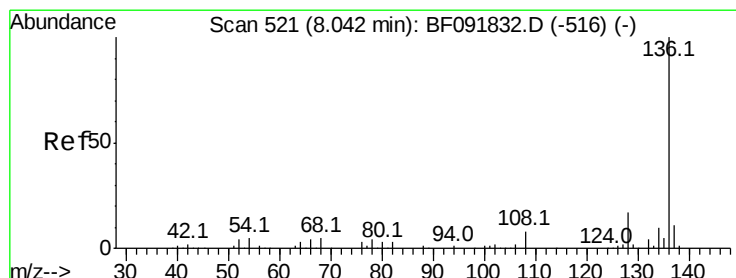
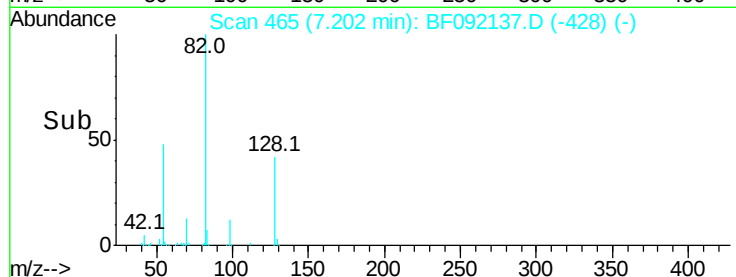
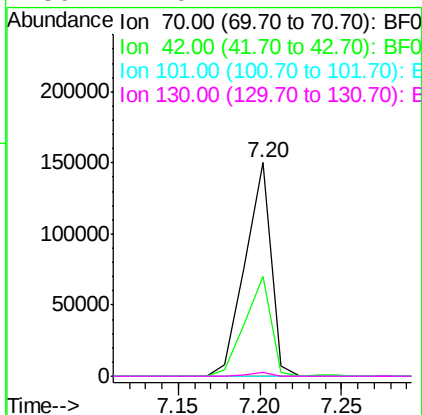
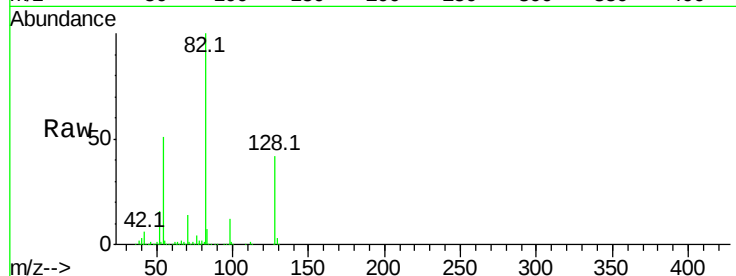




#19
n-Nitroso-di-n-propylamine
Concen: 17.38 ng
RT: 7.20 min Scan# 465
Delta R.T. 0.13 min
Lab File: BF092137.D
Acq: 9 Jan 2017 14:38

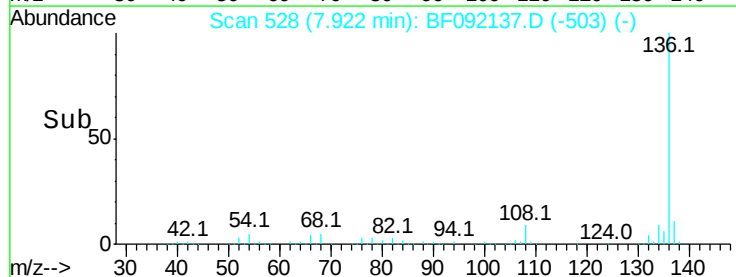
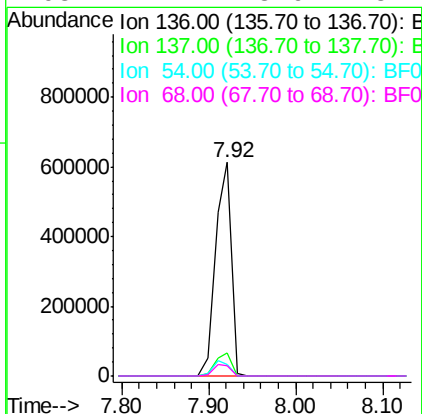
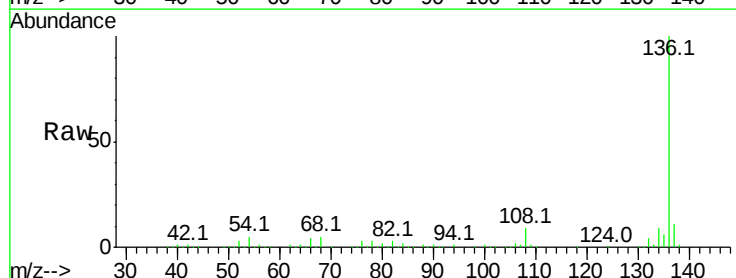
Instrument :
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ClientSampleId :
L-SWITCH-SP-0-2-COMP

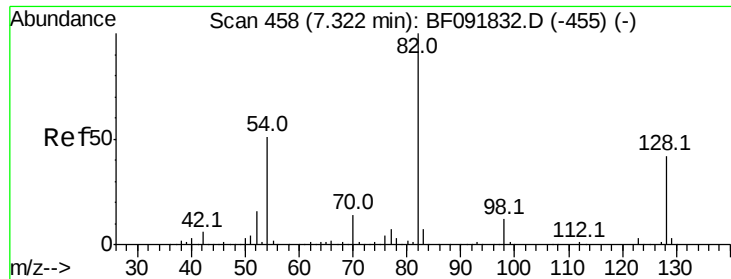
Tot Ion: 70 Resp: 166092
Ion Ratio Lower Upper
70 100
42 47.0 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.92 min Scan# 528
Delta R.T. -0.01 min
Lab File: BF092137.D
Acq: 9 Jan 2017 14:38

Tgt Ion: 136 Resp: 787095
Ion Ratio Lower Upper
136 100
137 10.7 8.4 12.6
54 5.5 4.5 6.7
68 4.7 3.6 5.4

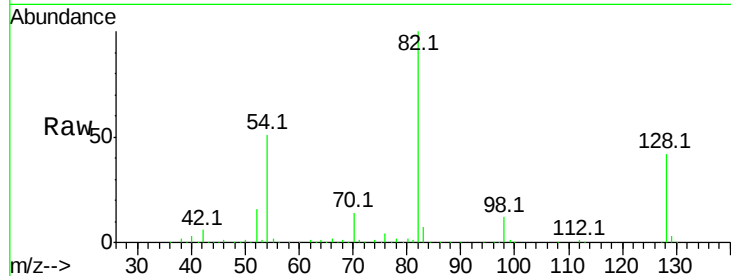




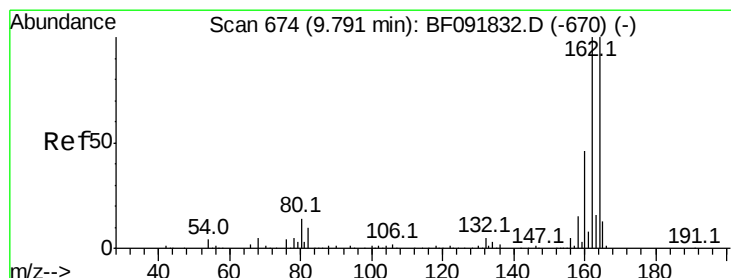
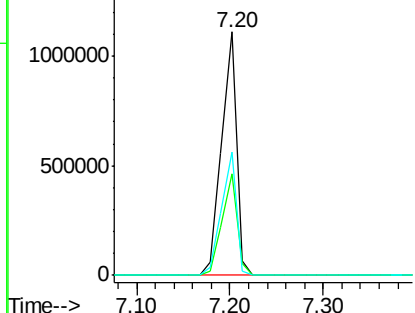
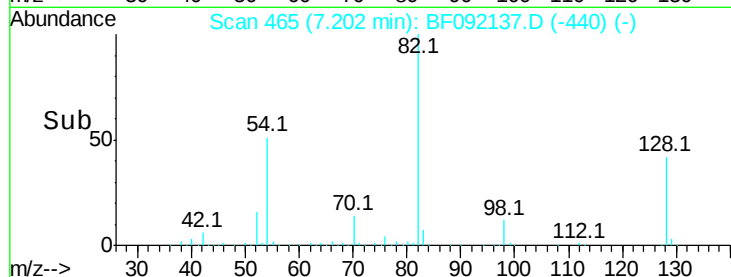
#23
Nitrobenzene-d5
Concen: 87.27 ng
RT: 7.20 min Scan# 465
Delta R.T. -0.01 min
Lab File: BF092137.D
Acq: 9 Jan 2017 14:38

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMP

Tot Ion: 82 Resp: 1235258
Ion Ratio Lower Upper
82 100
128 41.5 34.6 52.0
54 50.9 39.5 59.3

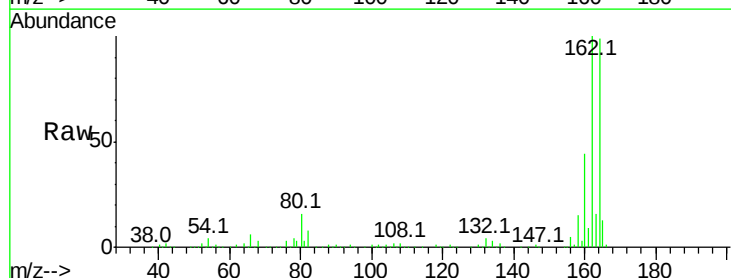


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0

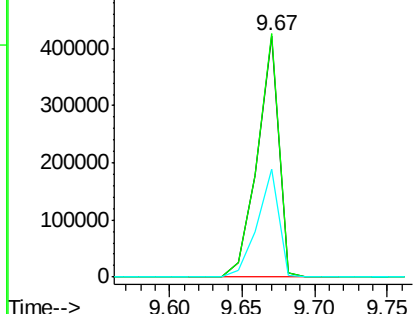
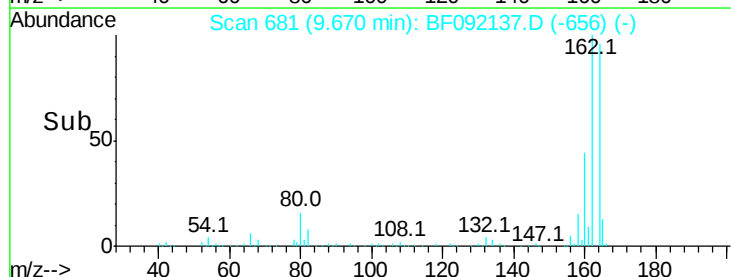


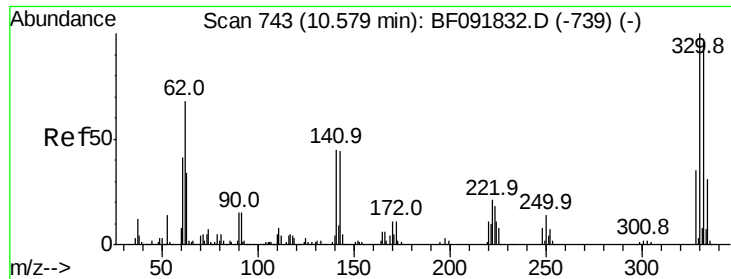
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.01 min
Lab File: BF092137.D
Acq: 9 Jan 2017 14:38

Tgt Ion:164 Resp: 433636
Ion Ratio Lower Upper
164 100
162 100.9 80.2 120.2
160 44.7 36.9 55.3



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

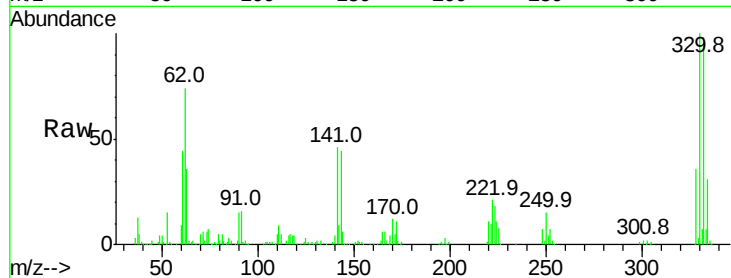




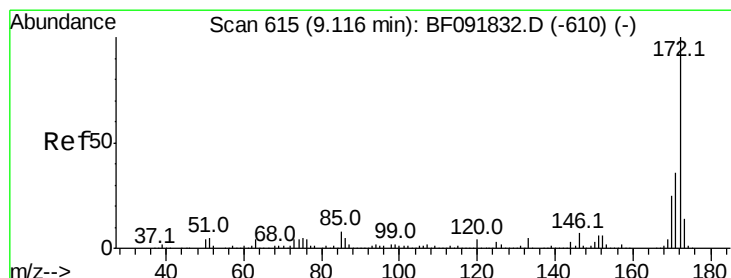
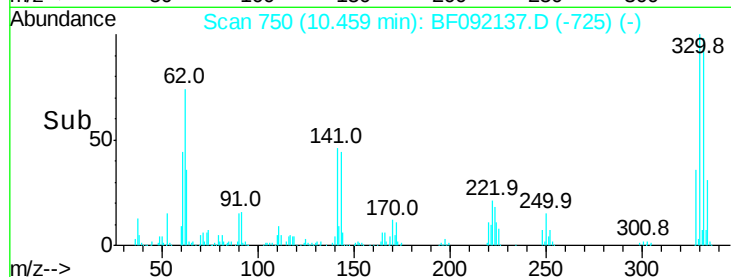
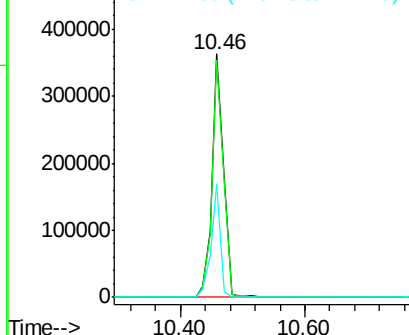
#41
 2,4,6-Tribromophenol
 Concen: 128.70 ng
 RT: 10.46 min Scan# 750
 Delta R.T. -0.01 min
 Lab File: BF092137.D
 Acq: 9 Jan 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 L-SWITCH-SP-0-2-COMP

Tot Ion:330 Resp: 461858
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 38.2 34.1 51.1

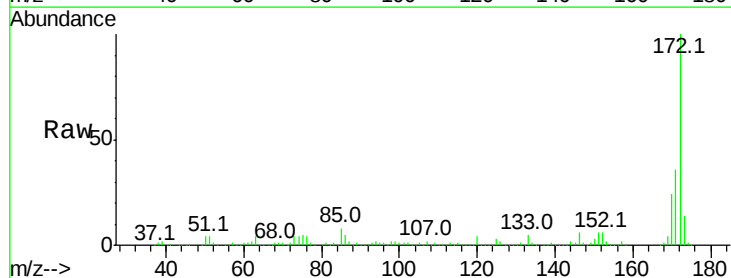


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

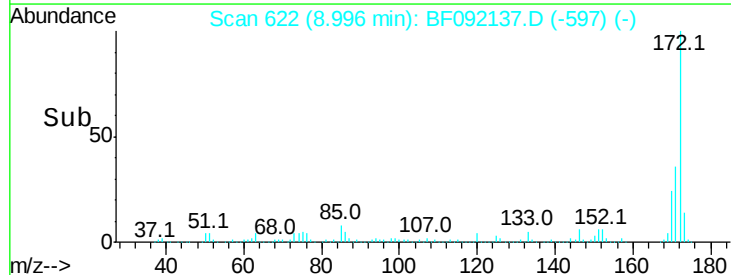
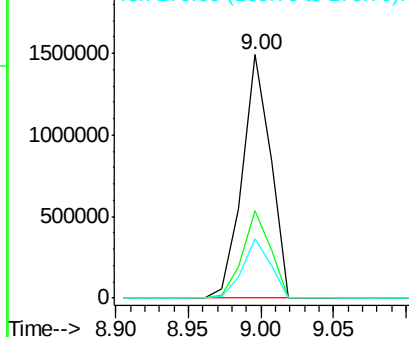


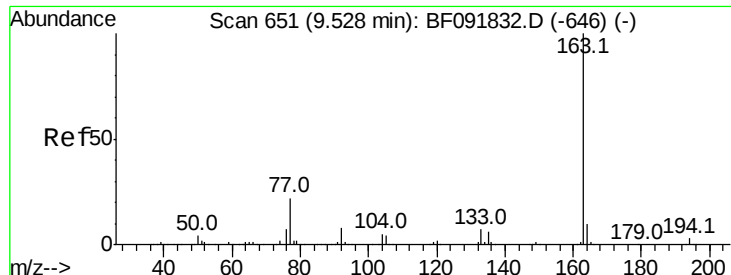
#44
 2-Fluorobiphenyl
 Concen: 97.19 ng
 RT: 9.00 min Scan# 622
 Delta R.T. -0.01 min
 Lab File: BF092137.D
 Acq: 9 Jan 2017 14:38

Tgt Ion:172 Resp: 2017825
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.5 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

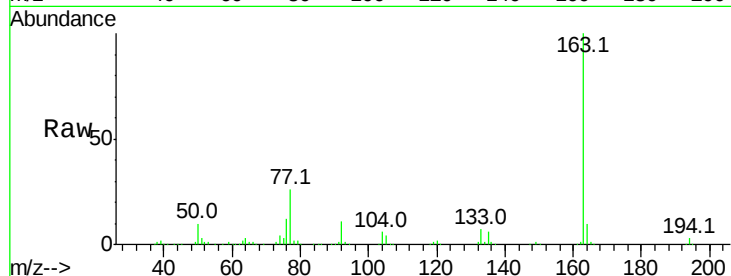




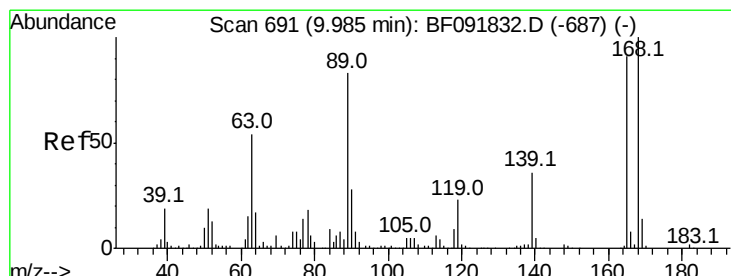
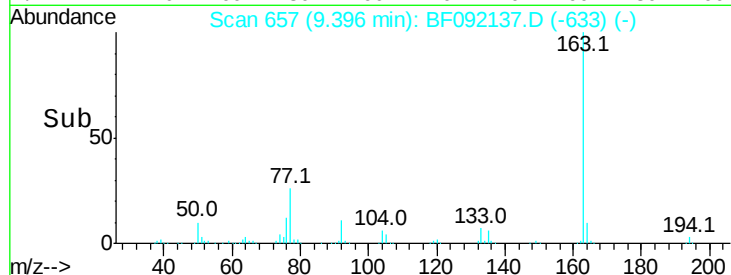
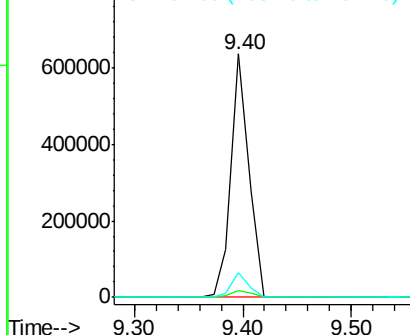
#49
Dimethylphthalate
Concen: 25.92 ng
RT: 9.40 min Scan# 657
Delta R.T. -0.02 min
Lab File: BF092137.D
Acq: 9 Jan 2017 14:38

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMP

Tot Ion:163 Resp: 718810
Ion Ratio Lower Upper
163 100
194 3.0 3.0 4.4
164 10.4 8.0 12.0

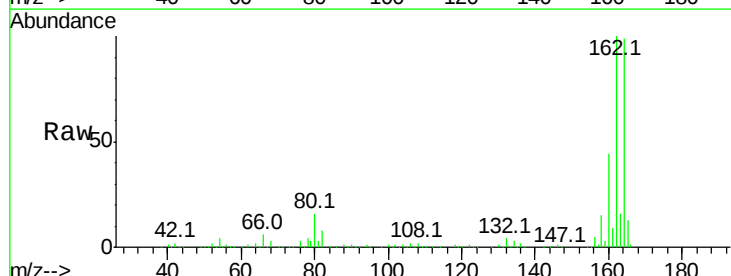


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

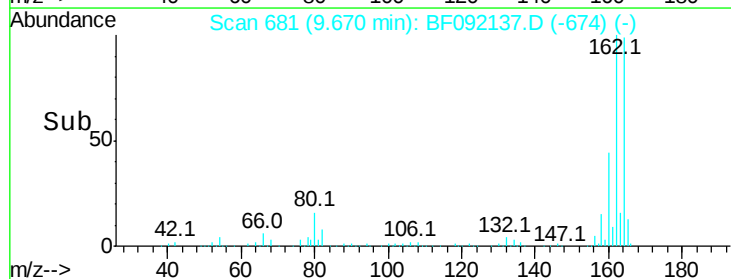
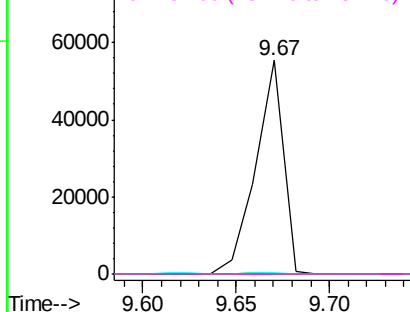


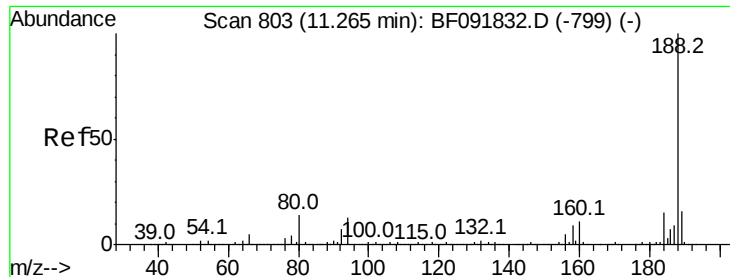
#56
2,4-Dinitrotoluene
Concen: 7.48 ng
RT: 9.67 min Scan# 681
Delta R.T. -0.22 min
Lab File: BF092137.D
Acq: 9 Jan 2017 14:38

Tgt Ion:165 Resp: 56967
Ion Ratio Lower Upper
165 100
63 0.0 40.2 60.4#
89 0.7 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

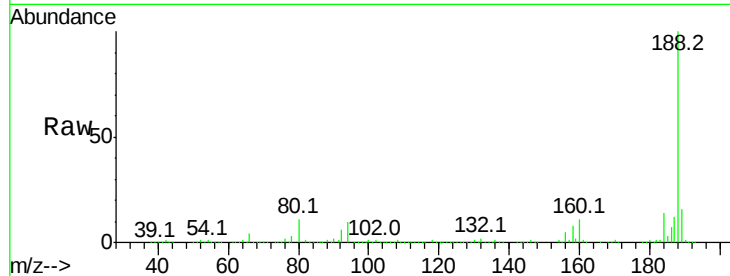




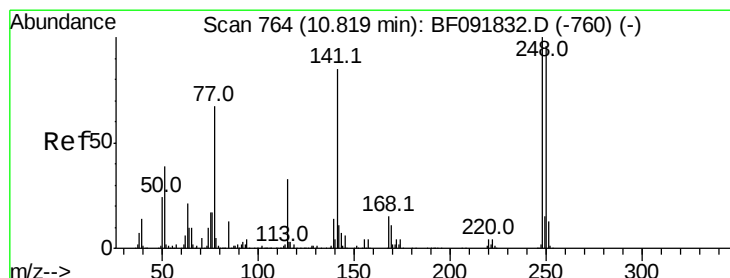
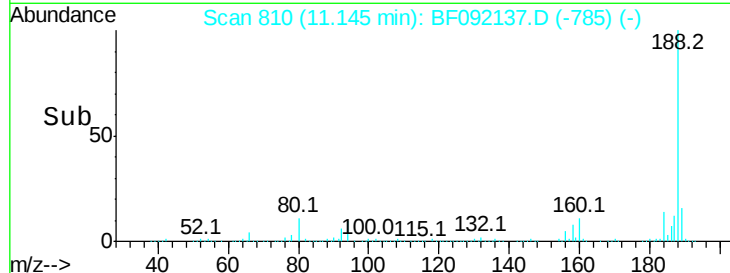
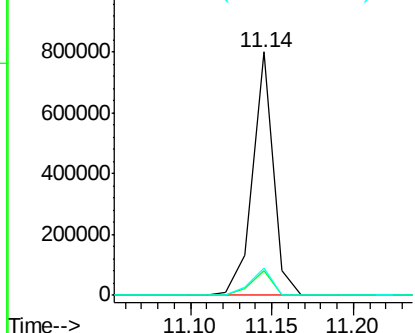
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.14 min Scan# 810
Delta R.T. -0.01 min
Lab File: BF092137.D
Acq: 9 Jan 2017 14:38

Instrument :
BNA_F
ClientSampleId :
L-SWITCH-SP-0-2-COMP

Tot Ion:188 Resp: 705816
Ion Ratio Lower Upper
188 100
94 10.2 10.0 15.0
80 11.2 11.2 16.8

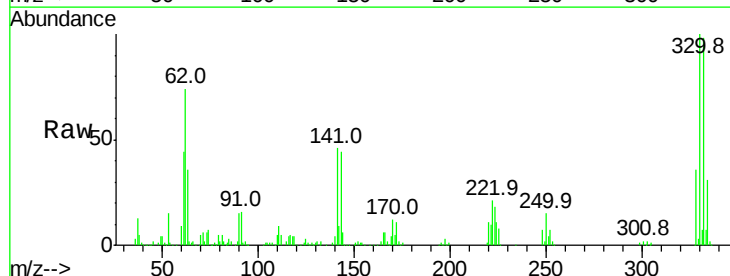


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

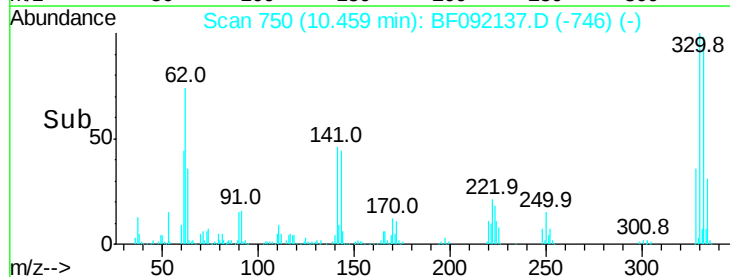
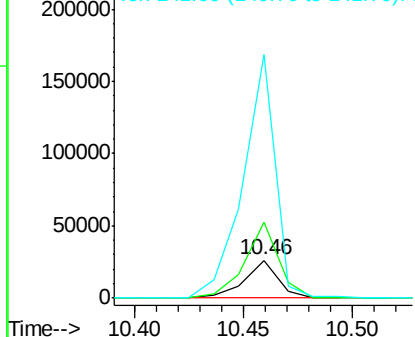


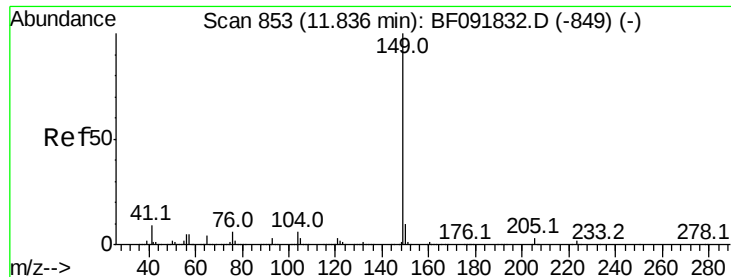
#66
4-Bromophenyl-phenylether
Concen: 3.81 ng
RT: 10.46 min Scan# 750
Delta R.T. -0.25 min
Lab File: BF092137.D
Acq: 9 Jan 2017 14:38

Tgt Ion:248 Resp: 28003
Ion Ratio Lower Upper
248 100
250 201.9 76.9 115.3#
141 644.0 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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.72 min Scan# 860

Delta R.T. -0.01 min

Lab File: BF092137.D

Acq: 9 Jan 2017 14:38

Instrument :

BNA_F

ClientSampleId :

L-SWITCH-SP-0-2-COMP

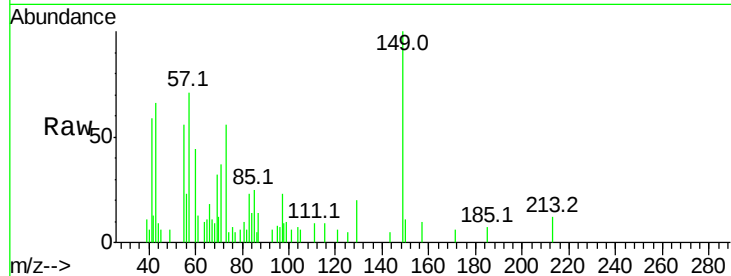
Tot Ion:149 Resp: 8421

Ion Ratio Lower Upper

149 100

150 10.9 8.1 12.1

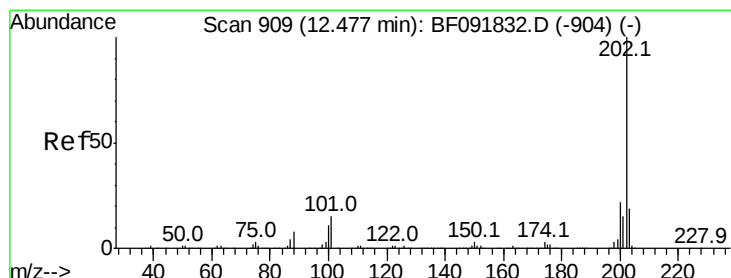
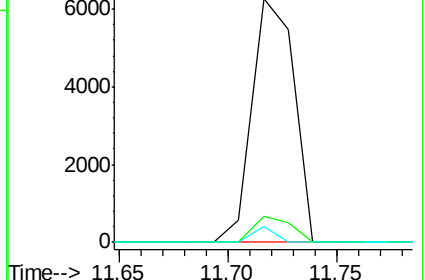
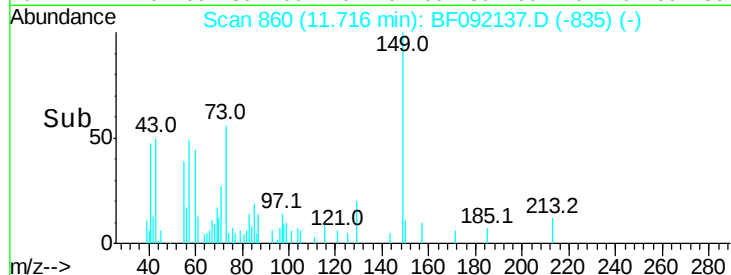
104 6.7 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.36 min Scan# 916

Delta R.T. -0.01 min

Lab File: BF092137.D

Acq: 9 Jan 2017 14:38

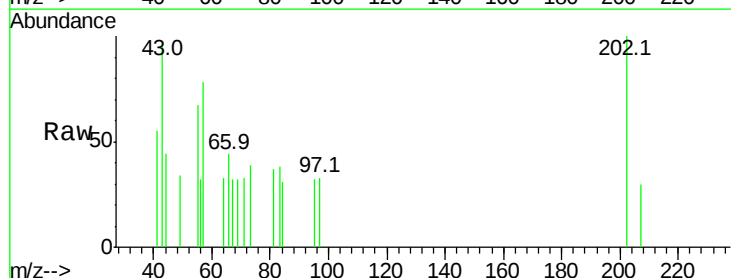
Tgt Ion:202 Resp: 1082

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

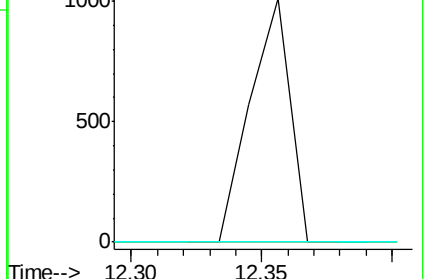
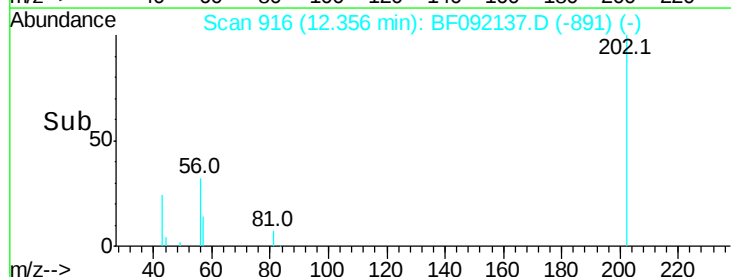
203 0.0 0.0 38.7

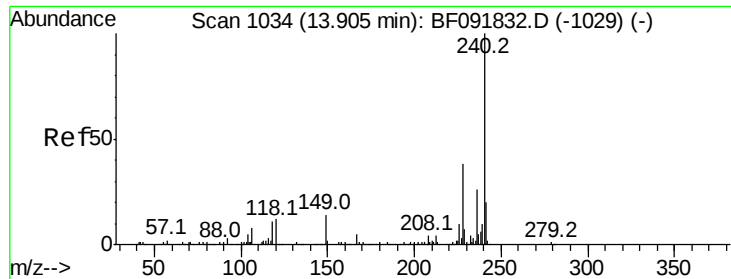


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.77 min Scan# 1040

Delta R.T. -0.01 min

Lab File: BF092137.D

Acq: 9 Jan 2017 14:38

Instrument :

BNA_F

ClientSampleId :

L-SWITCH-SP-0-2-COMP

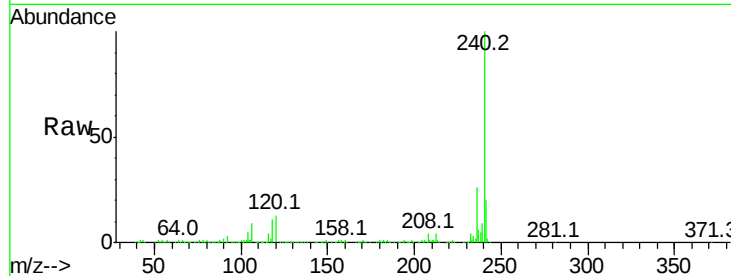
Tot Ion:240 Resp: 610797

Ion Ratio Lower Upper

240 100

120 12.6 12.9 19.3#

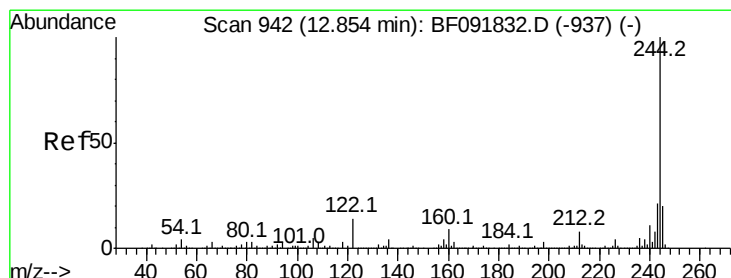
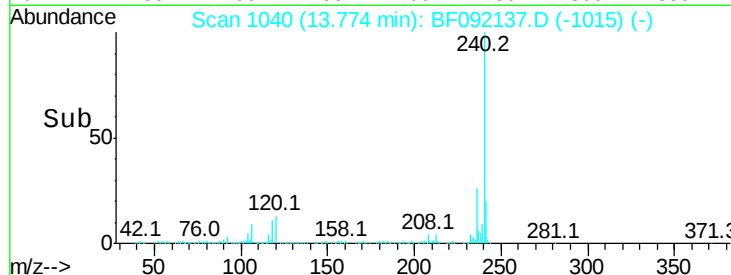
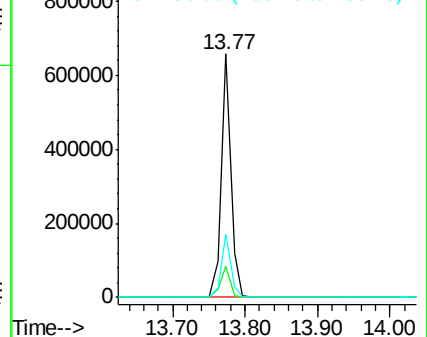
236 25.8 20.9 31.3



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



#78

Terphenyl-d14

Concen: 81.79 ng

RT: 12.73 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF092137.D

Acq: 9 Jan 2017 14:38

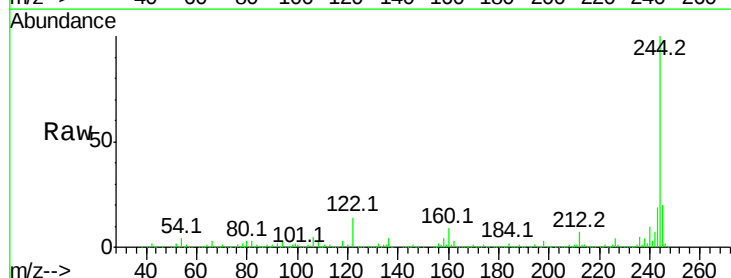
Tgt Ion:244 Resp: 2059774

Ion Ratio Lower Upper

244 100

212 7.5 6.2 9.2

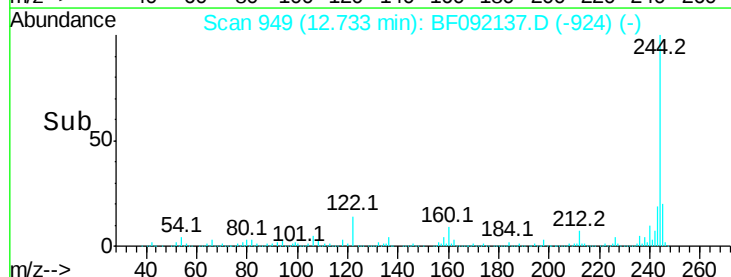
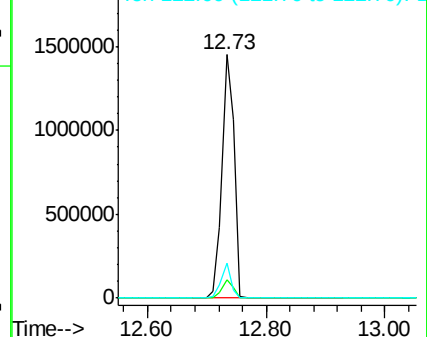
122 14.4 11.4 17.2

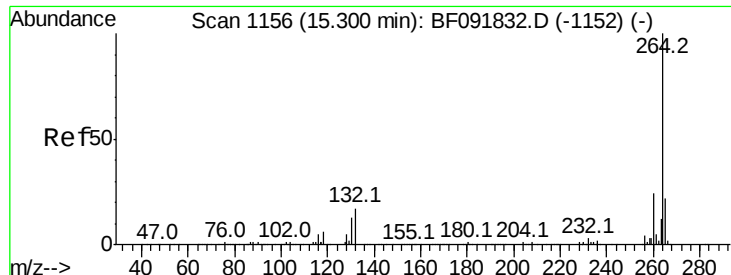


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

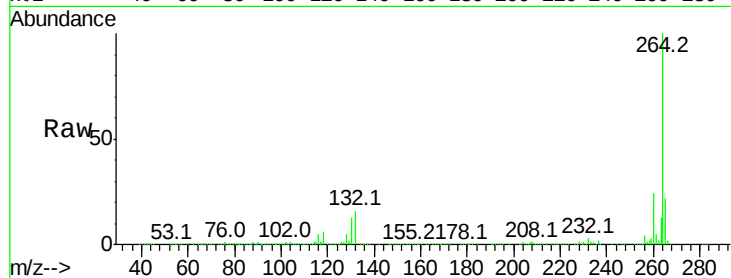




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.15 min Scan# 1160
 Delta R.T. -0.00 min
 Lab File: BF092137.D
 Acq: 9 Jan 2017 14:38

Instrument :
 BNA_F
 ClientSampleId :
 L-SWITCH-SP-0-2-COMP

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.1	19.2	28.8
265	22.2	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

