

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
 Data File : BF092220.D
 Acq On : 12 Jan 2017 21:08
 Operator : UM/SJ
 Sample : I1030-09
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0015

Quant Time: Jan 12 23:44:04 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

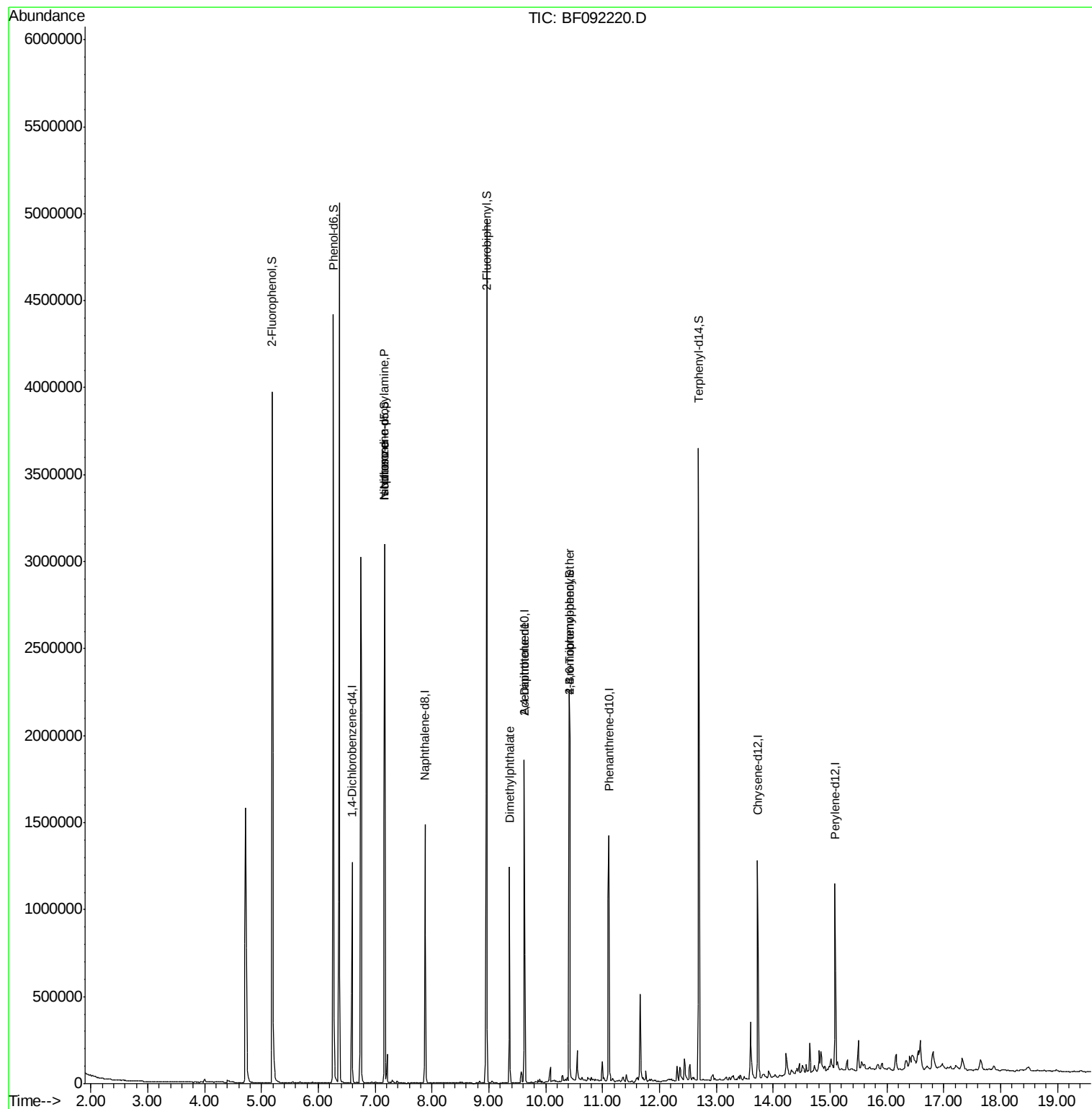
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	218745	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	861434	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	455068	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	690090	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	510450	20.00	ng	-0.06
86) Perylene-d12	15.09	264	467781	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1362376	103.99	ng	-0.05
7) Phenol-d6	6.26	99	1822509	113.95	ng	-0.05
23) Nitrobenzene-d5	7.17	82	1177768	76.03	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	412716	109.59	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1609839	70.24	ng	-0.05
78) Terphenyl-d14	12.69	244	1454295	69.10	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.17	70	155914	14.65	ng	# 75
25) Isophorone	7.17	82	1165243	40.77	ng	# 65
37) 2-Methylnaphthalene	8.60	142	562	Below Cal	#	78
49) Dimethylphthalate	9.36	163	500985	17.21	ng	99
56) 2,4-Dinitrotoluene	9.62	165	58495	7.32	ng	# 20
66) 4-Bromophenyl-phenylether	10.42	248	25404	3.54	ng	# 1
71) Anthracene	11.13	178	12341	Below Cal		96
73) Di-n-butylphthalate	11.68	149	11827	Below Cal	#	96
74) Fluoranthene	12.31	202	34553	Below Cal		97
76) Benzidine	12.69	184	18196	Below Cal		94

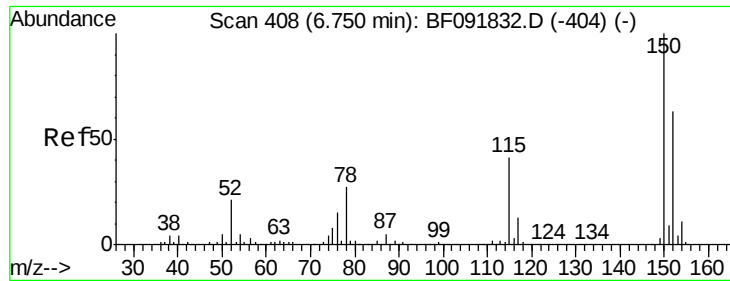
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092220.D

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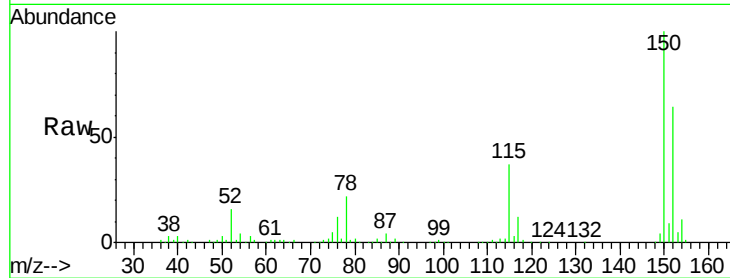
Tgt Ion:152 Resp: 218745

Ion Ratio Lower Upper

152 100

150 156.0 124.9 187.3

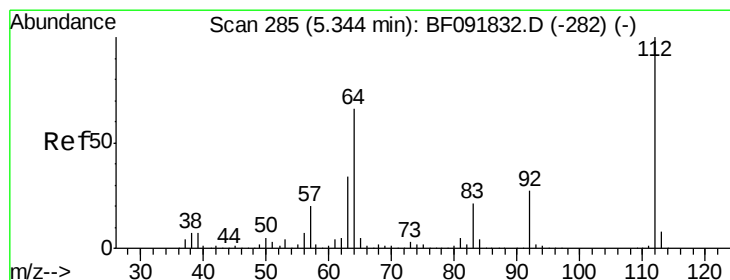
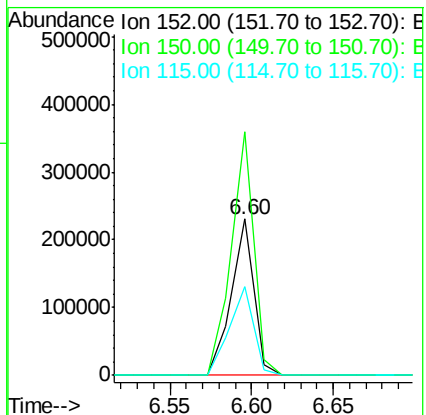
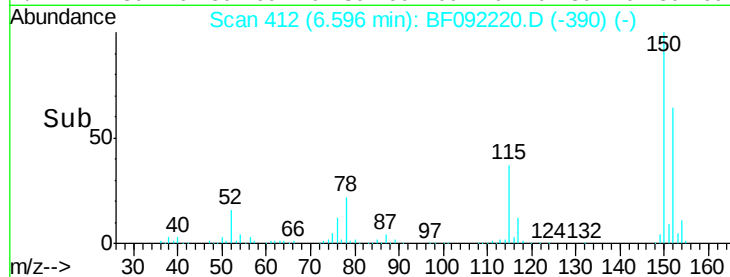
115 57.1 46.0 69.0



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: 103.99 ng

RT: 5.19 min Scan# 289

Delta R.T. -0.05 min

Lab File: BF092220.D

Acq: 12 Jan 2017 21:08

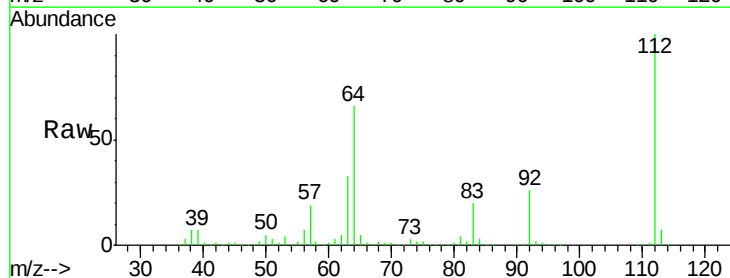
Tgt Ion:112 Resp: 1362376

Ion Ratio Lower Upper

112 100

64 65.7 46.1 69.1

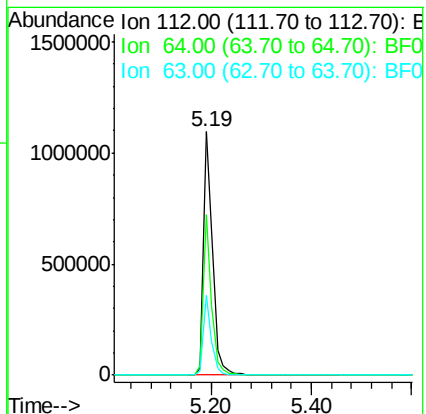
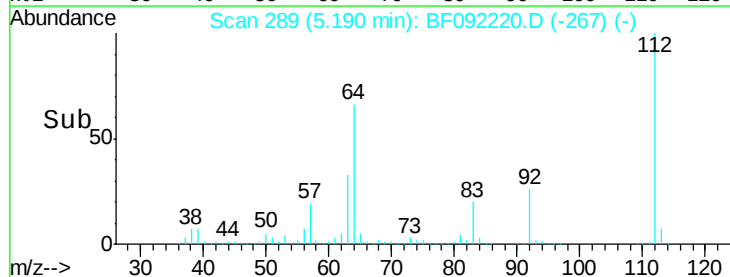
63 32.8 23.8 35.6



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: 113.95 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092220.D

Acq: 12 Jan 2017 21:08

Instrument :

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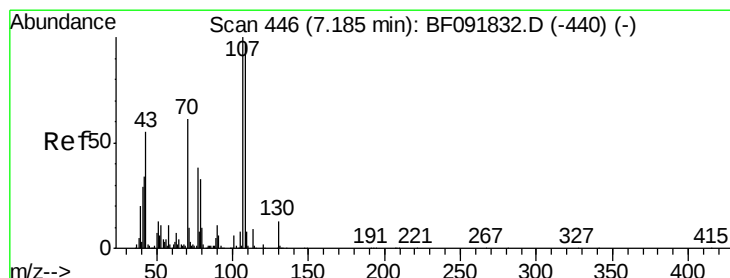
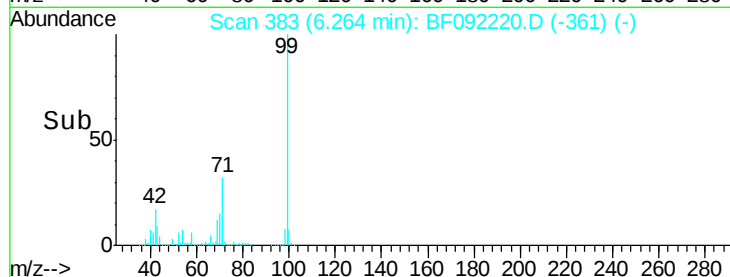
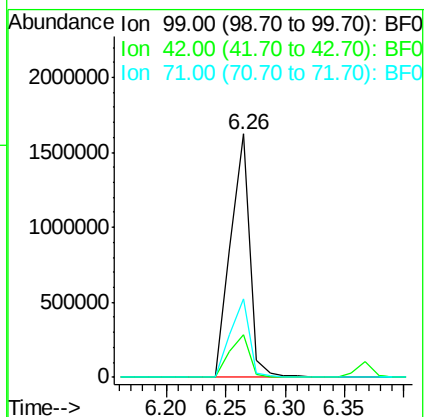
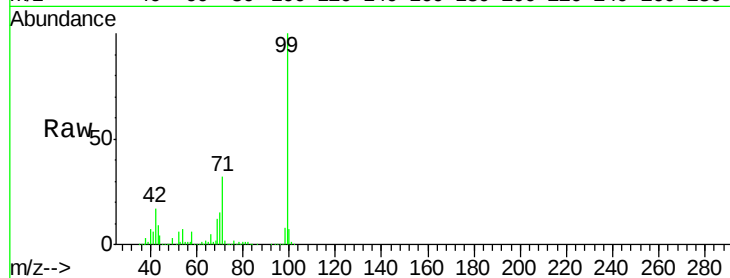
Tgt Ion: 99 Resp: 1822509

Ion Ratio Lower Upper

99 100

42 17.3 15.6 23.4

71 32.1 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.65 ng

RT: 7.17 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF092220.D

Acq: 12 Jan 2017 21:08

Tgt Ion: 70 Resp: 155914

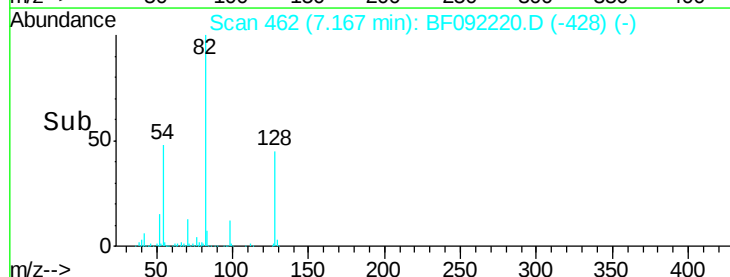
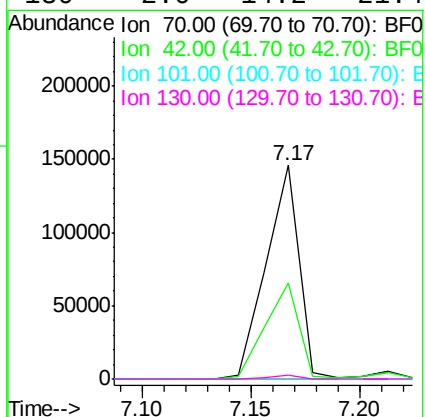
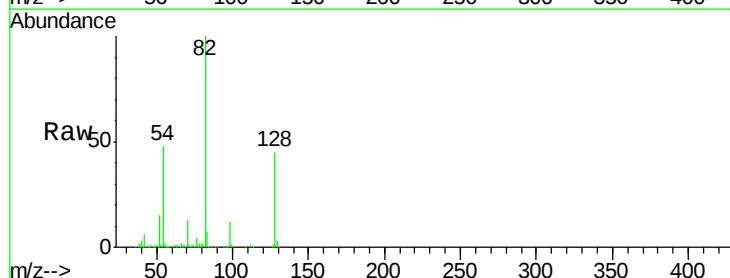
Ion Ratio Lower Upper

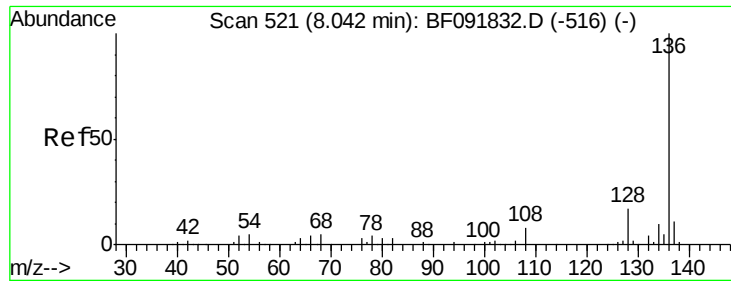
70 100

42 44.8 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

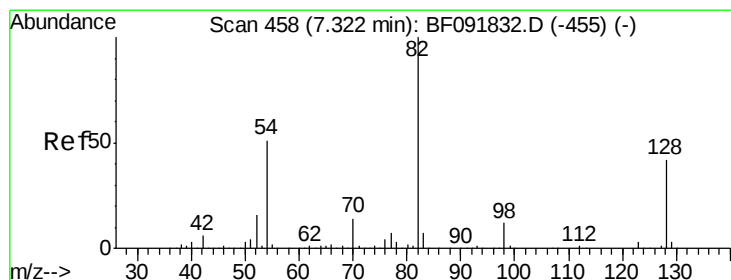
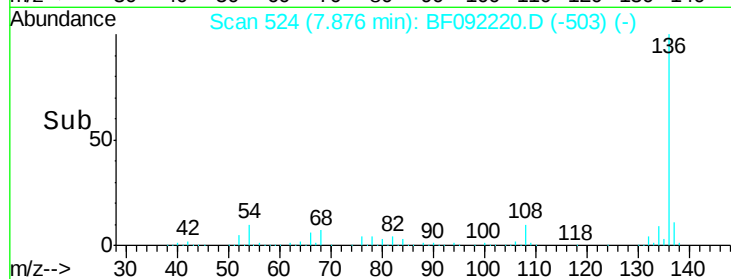
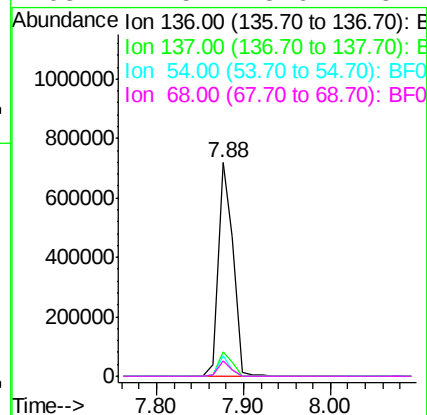
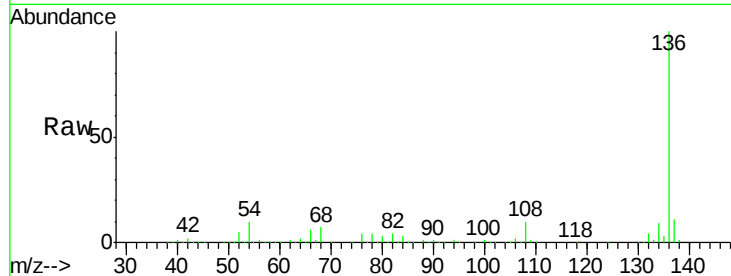




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092220.D
Acq: 12 Jan 2017 21:08

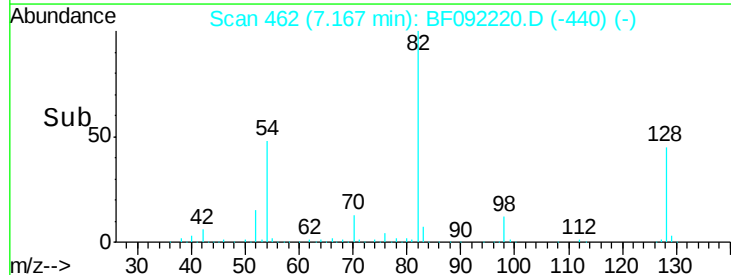
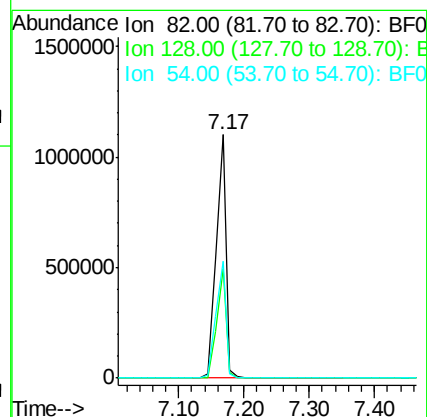
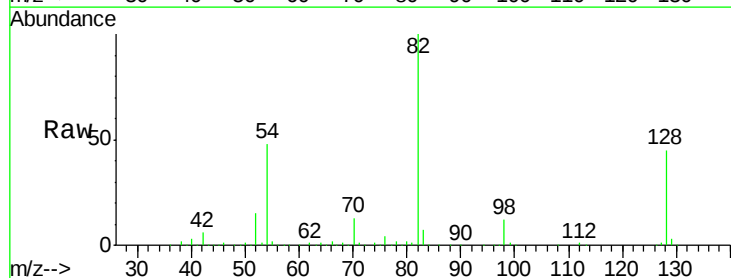
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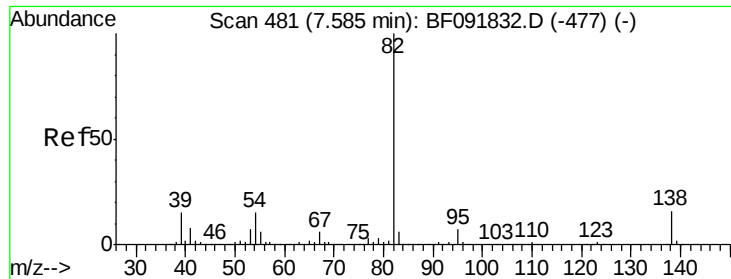
Tgt Ion: 136 Resp: 861434
Ion Ratio Lower Upper
136 100
137 11.5 8.4 12.6
54 9.7 4.5 6.7#
68 7.5 3.6 5.4#



#23
Nitrobenzene-d5
Concen: 76.03 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092220.D
Acq: 12 Jan 2017 21:08

Tgt Ion: 82 Resp: 1177768
Ion Ratio Lower Upper
82 100
128 44.9 34.6 52.0
54 48.1 39.5 59.3

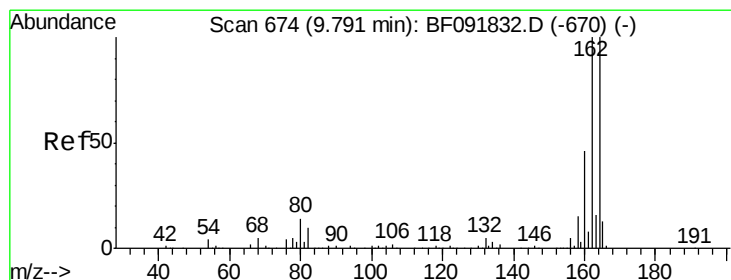
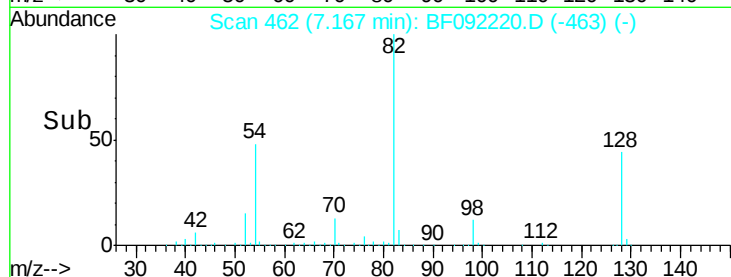
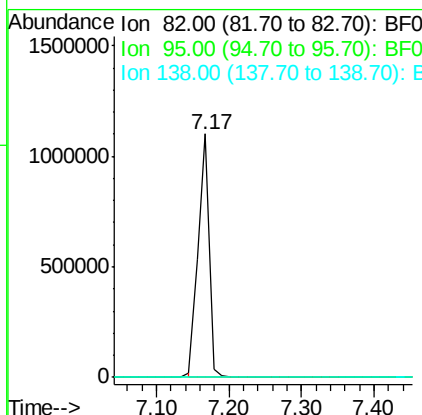
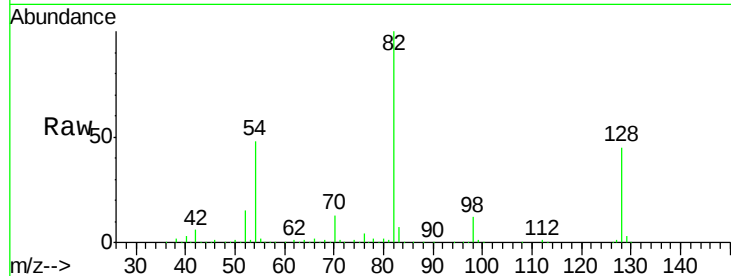




#25
Isophorone
Concen: 40.77 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.31 min
Lab File: BF092220.D
Acq: 12 Jan 2017 21:08

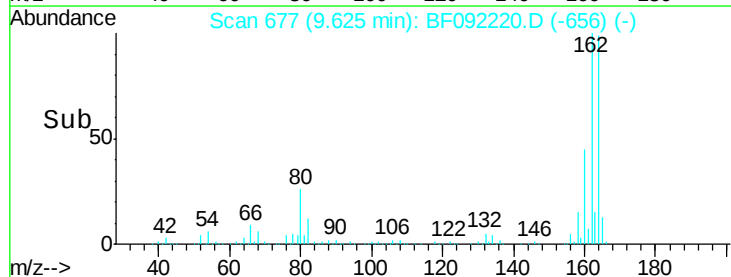
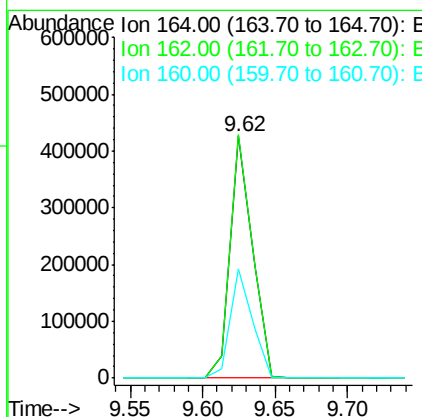
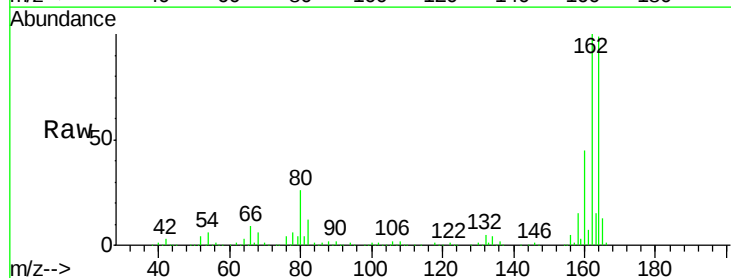
Instrument :
BNA_F
ClientSampleId :
COMP-0015

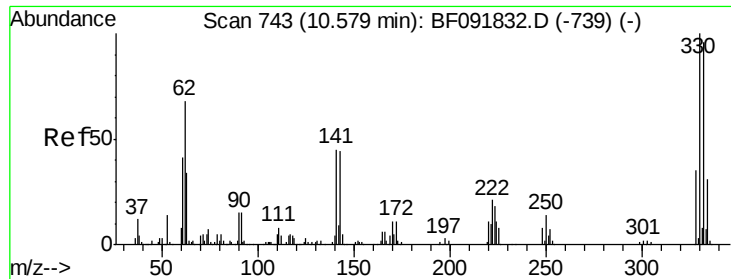
Tgt Ion: 82 Resp: 1165243
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.06 min
Lab File: BF092220.D
Acq: 12 Jan 2017 21:08

Tgt Ion: 164 Resp: 455068
Ion Ratio Lower Upper
164 100
162 100.6 80.2 120.2
160 45.2 36.9 55.3

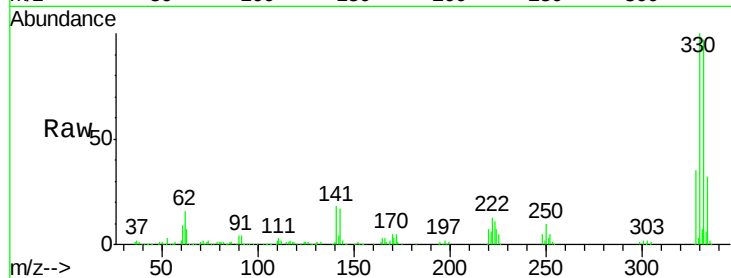




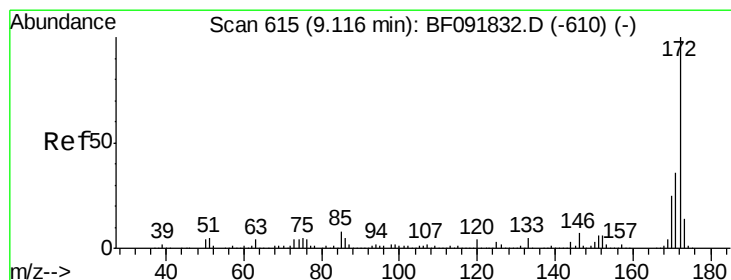
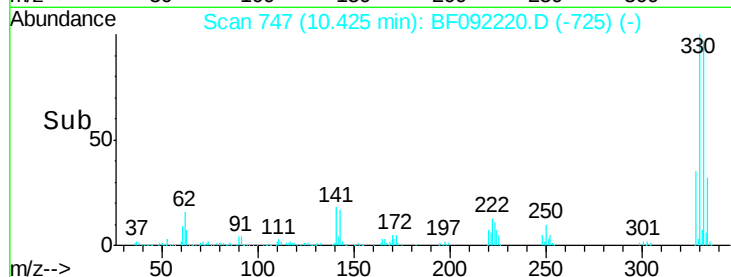
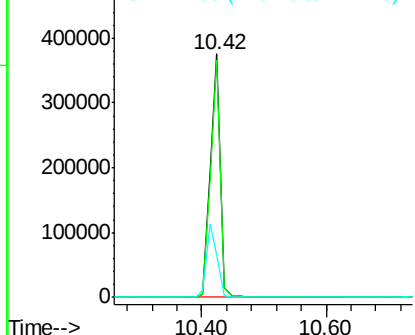
#41
 2,4,6-Tribromophenol
 Concen: 109.59 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.05 min
 Lab File: BF092220.D
 Acq: 12 Jan 2017 21:08

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 412716
 Ion Ratio Lower Upper
 330 100
 332 96.3 77.4 116.2
 141 32.7 34.1 51.1#

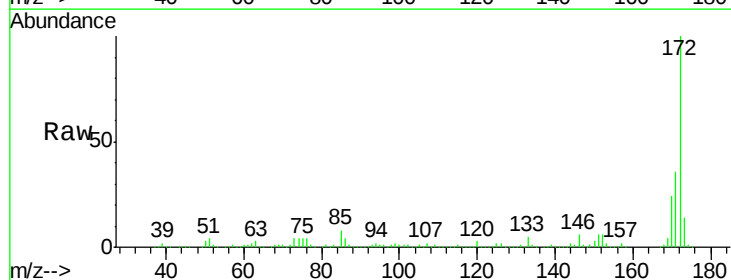


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

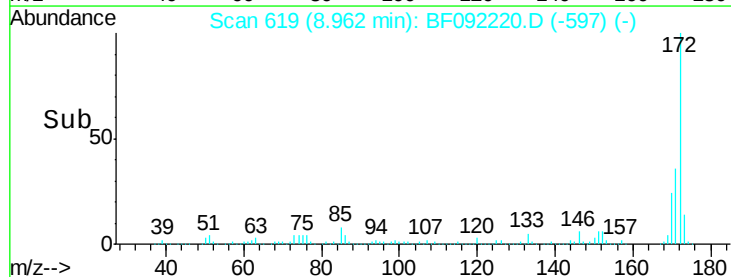
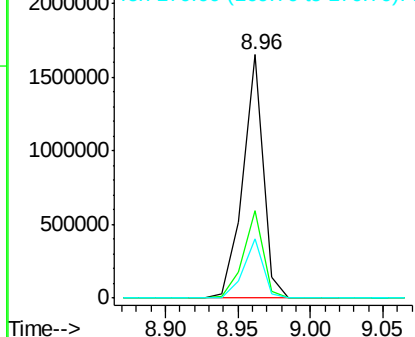


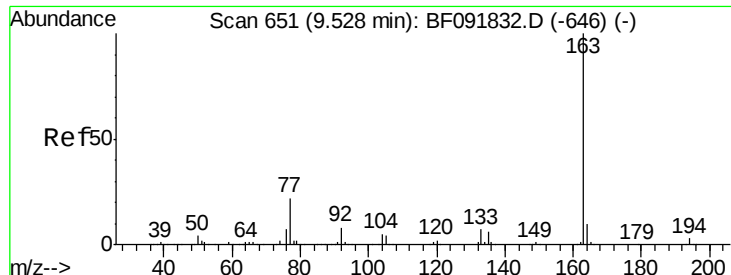
#44
 2-Fluorobiphenyl
 Concen: 70.24 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092220.D
 Acq: 12 Jan 2017 21:08

Tgt Ion:172 Resp: 1609839
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.1 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

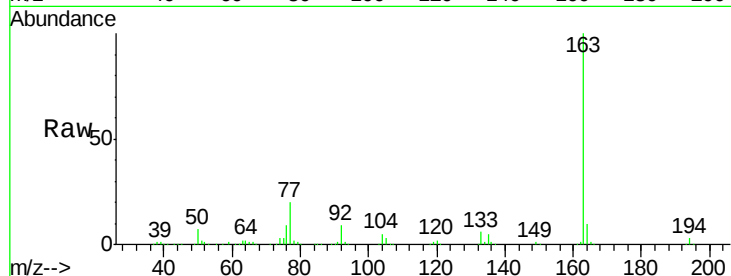




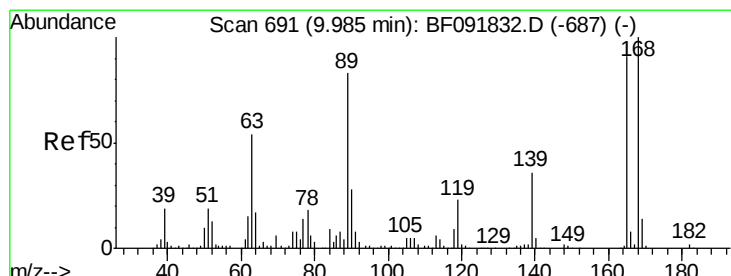
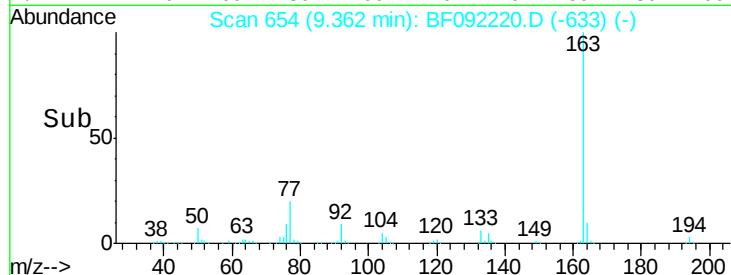
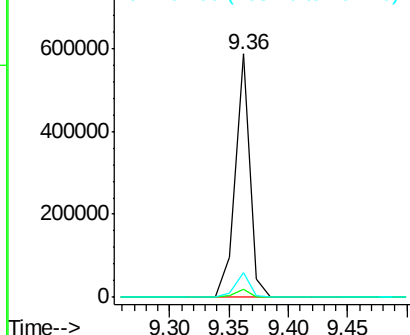
#49
Dimethylphthalate
Concen: 17.21 ng
RT: 9.36 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF092220.D
Acq: 12 Jan 2017 21:08

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:163 Resp: 500985
Ion Ratio Lower Upper
163 100
194 3.1 3.0 4.4
164 10.2 8.0 12.0

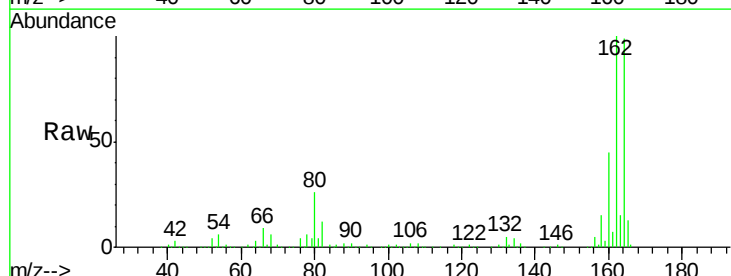


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

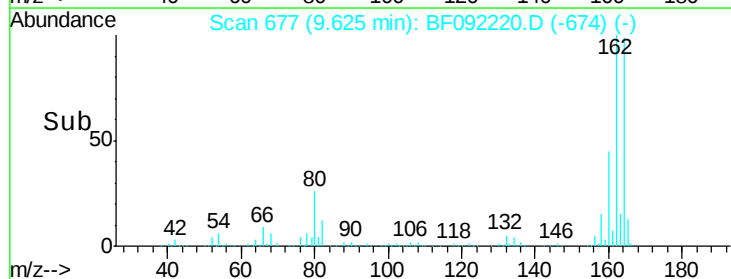
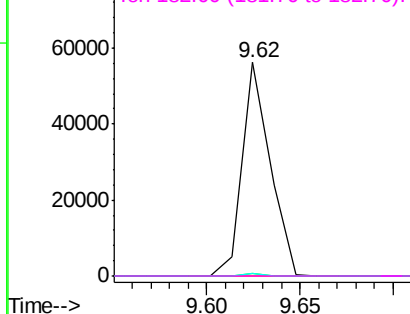


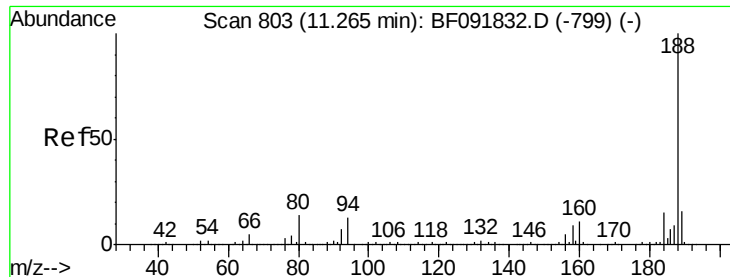
#56
2,4-Dinitrotoluene
Concen: 7.32 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF092220.D
Acq: 12 Jan 2017 21:08

Tgt Ion:165 Resp: 58495
Ion Ratio Lower Upper
165 100
63 1.2 40.2 60.4#
89 1.2 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

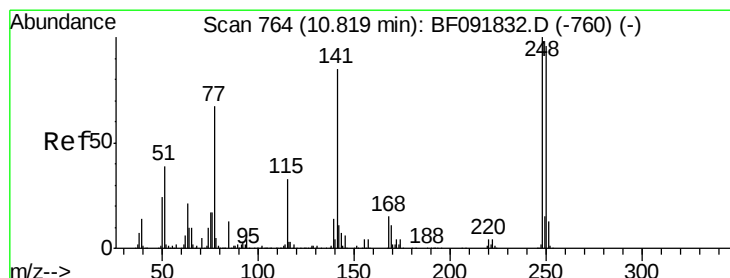
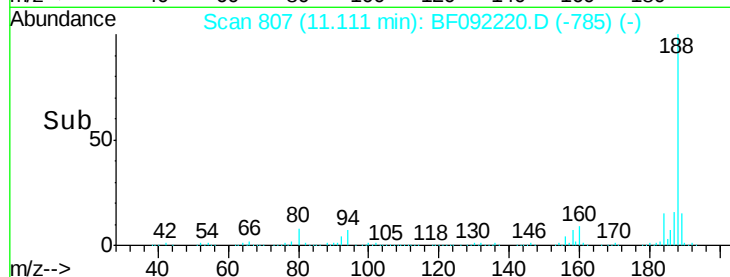
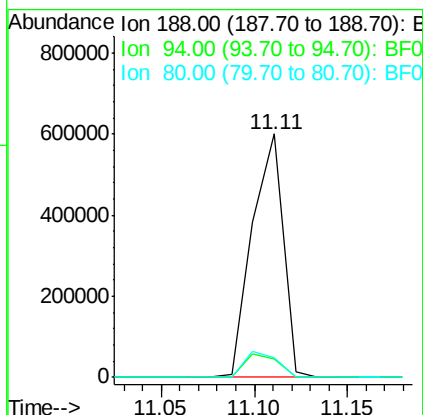
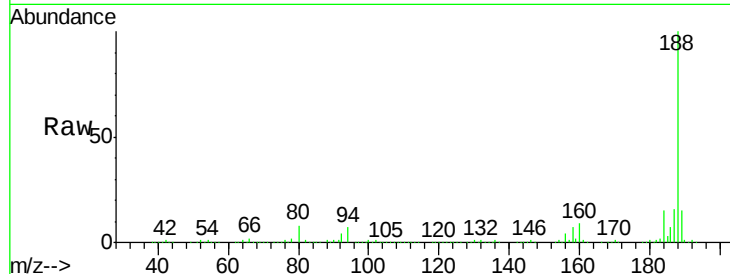




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 807
 Delta R.T. -0.05 min
 Lab File: BF092220.D
 Acq: 12 Jan 2017 21:08

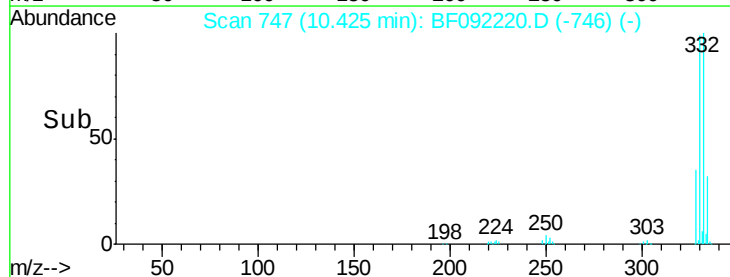
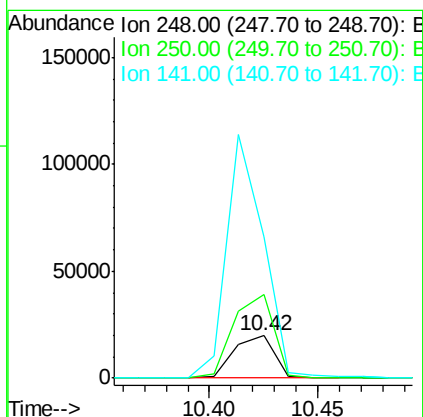
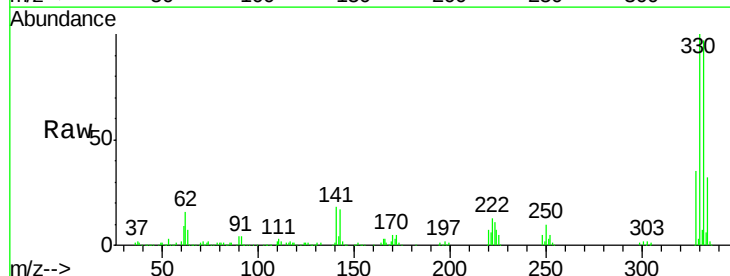
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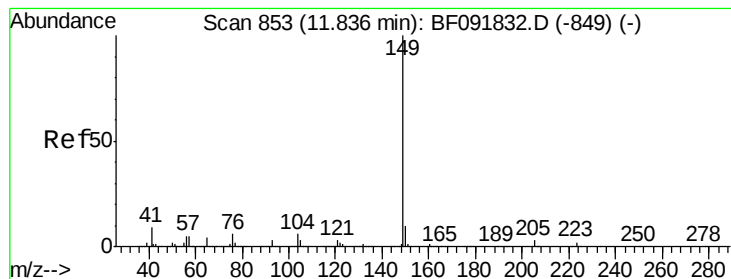
Tgt Ion:188 Resp: 690090
 Ion Ratio Lower Upper
 188 100
 94 7.3 10.0 15.0#
 80 7.8 11.2 16.8#



#66
 4-Bromophenyl-phenylether
 Concen: 3.54 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.29 min
 Lab File: BF092220.D
 Acq: 12 Jan 2017 21:08

Tgt Ion:248 Resp: 25404
 Ion Ratio Lower Upper
 248 100
 250 197.3 76.9 115.3#
 141 333.7 68.2 102.4#





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.68 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF092220.D

Acq: 12 Jan 2017 21:08

Instrument :

BNA_F

ClientSampleId :

COMP-0015

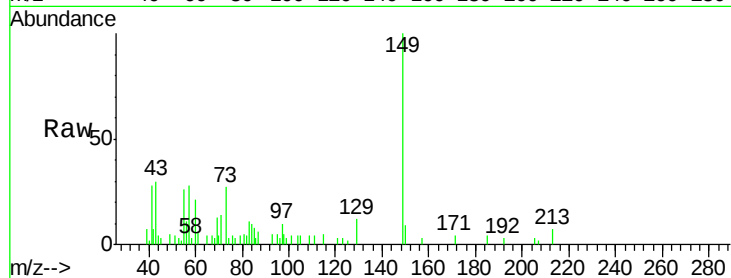
Tgt Ion:149 Resp: 11827

Ion Ratio Lower Upper

149 100

150 8.9 8.1 12.1

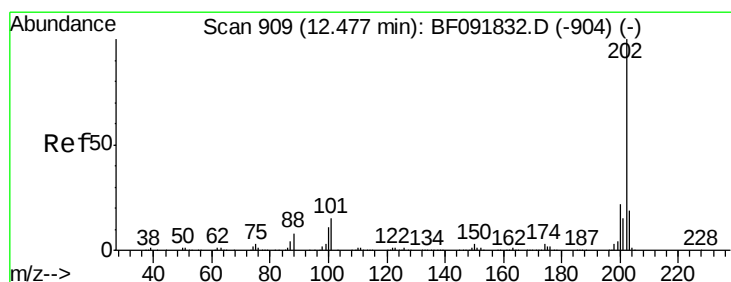
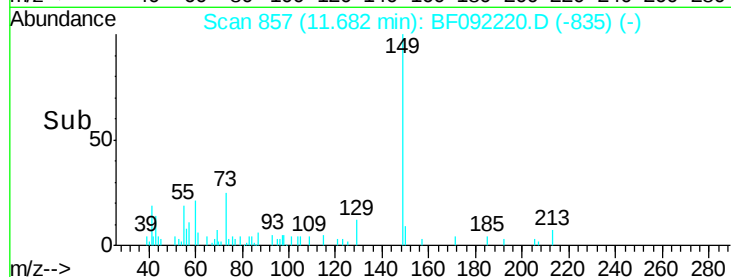
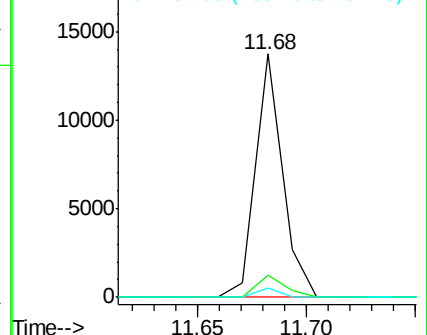
104 3.8 4.6 7.0#



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: 12.31 min Scan# 912

Delta R.T. -0.06 min

Lab File: BF092220.D

Acq: 12 Jan 2017 21:08

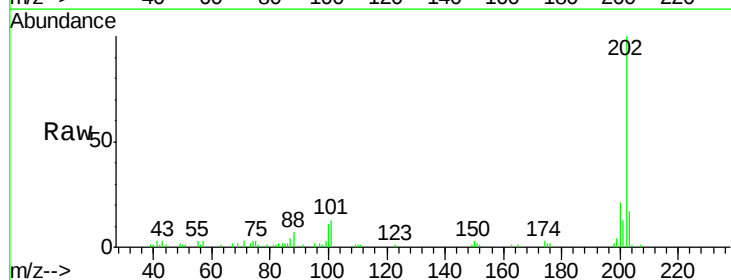
Tgt Ion:202 Resp: 34553

Ion Ratio Lower Upper

202 100

101 13.5 0.0 34.6

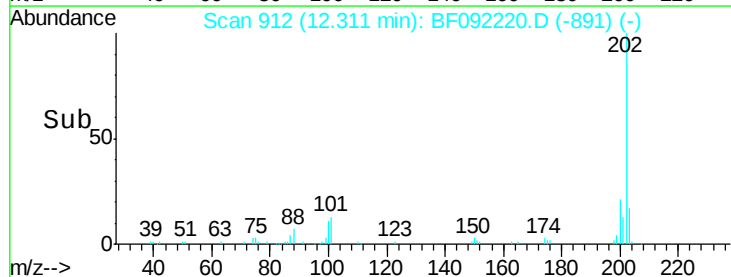
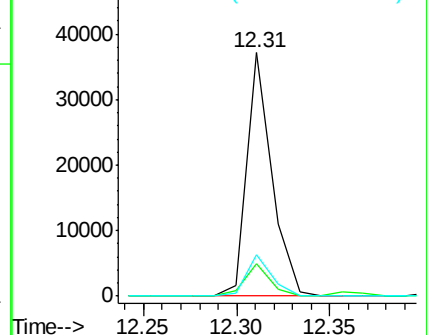
203 17.2 0.0 38.7

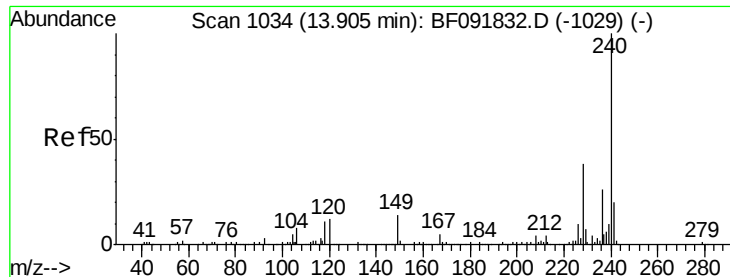


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.73 min Scan# 1036

Delta R.T. -0.06 min

Lab File: BF092220.D

Acq: 12 Jan 2017 21:08

Instrument :

BNA_F

ClientSampleId :

COMP-0015

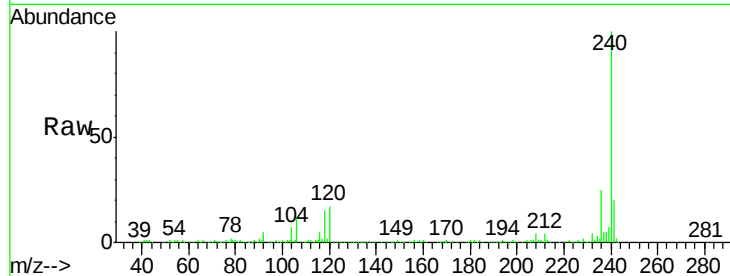
Tgt Ion:240 Resp: 510450

Ion Ratio Lower Upper

240 100

120 17.2 12.9 19.3

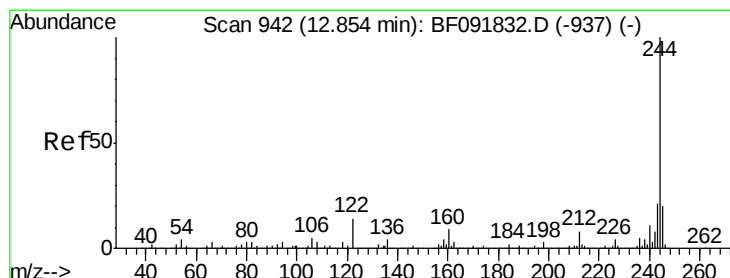
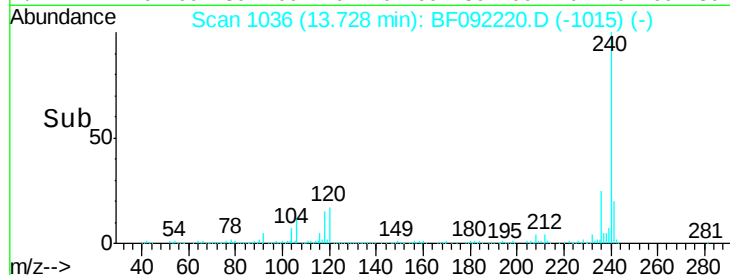
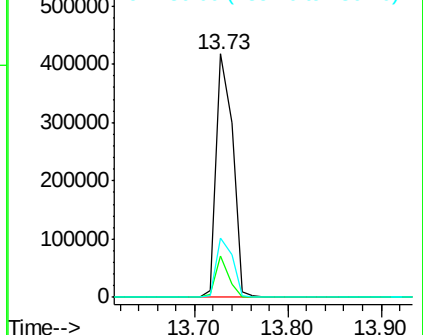
236 24.5 20.9 31.3



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: 69.10 ng

RT: 12.69 min Scan# 945

Delta R.T. -0.06 min

Lab File: BF092220.D

Acq: 12 Jan 2017 21:08

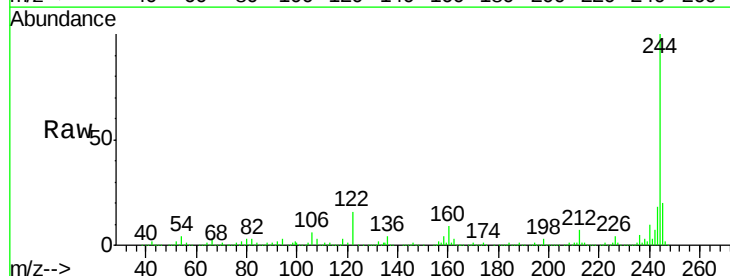
Tgt Ion:244 Resp: 1454295

Ion Ratio Lower Upper

244 100

212 7.1 6.2 9.2

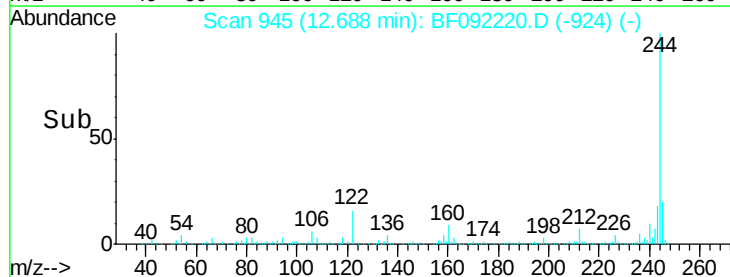
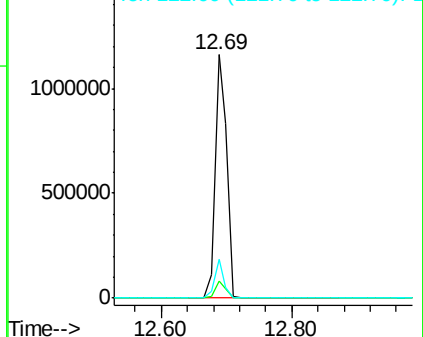
122 15.7 11.4 17.2

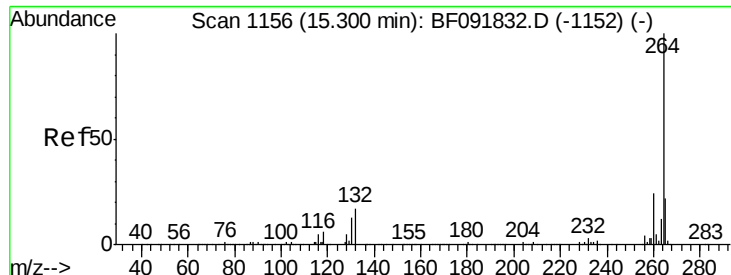


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.09 min Scan# 1155
Delta R.T. -0.06 min
Lab File: BF092220.D
Acq: 12 Jan 2017 21:08

Instrument :
BNA_F
ClientSampleId :
COMP-0015

Tgt Ion: 264 Resp: 467781
Ion Ratio Lower Upper
264 100
260 23.1 19.2 28.8
265 21.8 17.4 26.0

