

Data Path : Z:\HPCHEM1\BNA F\DATA\BF122916\
 Data File : BF092023.D
 Acq On : 29 Dec 2016 14:22
 Operator : UM/SJ
 Sample : H6278-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RINSEATE

Quant Time: Dec 29 15:01:30 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

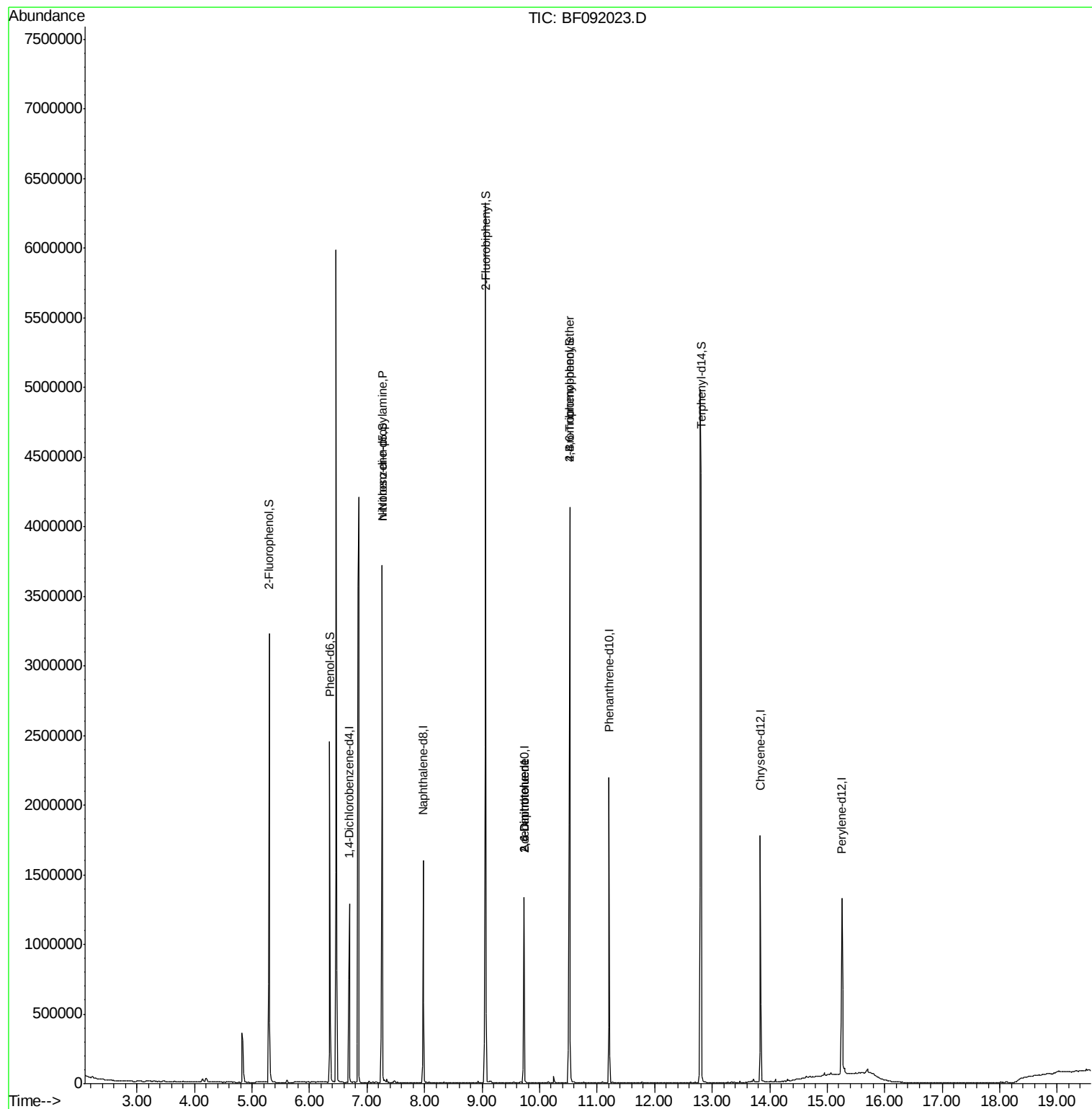
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	239533	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	800822	20.00	ng	-0.02
38) Acenaphthene-d10	9.73	164	447796	20.00	ng	-0.02
63) Phenanthrene-d10	11.21	188	774559	20.00	ng	-0.02
75) Chrysene-d12	13.84	240	657651	20.00	ng	-0.03
86) Perylene-d12	15.25	264	605968	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	880487	61.38	ng	-0.02
7) Phenol-d6	6.35	99	806135	46.03	ng	-0.03
23) Nitrobenzene-d5	7.26	82	1491873	103.59	ng	-0.02
41) 2,4,6-Tribromophenol	10.52	330	500189	134.97	ng	-0.02
44) 2-Fluorobiphenyl	9.06	172	2129817	99.68	ng	-0.02
78) Terphenyl-d14	12.81	244	2514037	92.71	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.35	77	1198	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.26	70	202007	17.34	ng	# 76
50) 2,6-Dinitrotoluene	9.73	165	57855	9.23	ng	# 30
56) 2,4-Dinitrotoluene	9.73	165	57855	7.35	ng	# 19
66) 4-Bromophenyl-phenylether	10.52	248	33711	4.18	ng	# 1
71) Anthracene	11.23	178	1143	Below Cal	#	59
73) Di-n-butylphthalate	11.78	149	4944	Below Cal	#	90
74) Fluoranthene	12.42	202	1224	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: 6.69 min Scan# 403

Delta R.T. -0.01 min

Lab File: BF092023.D

Acq: 29 Dec 2016 14:22

Instrument :

BNA_F

ClientSampleId :

RINSEATE

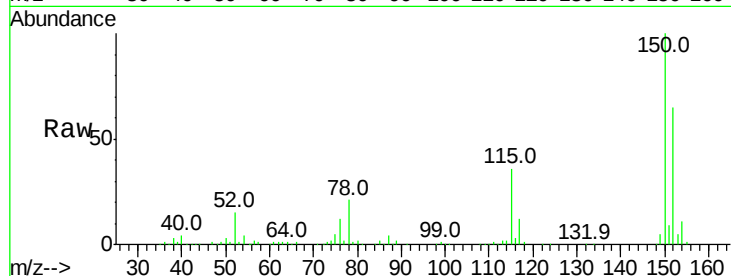
Tot Ion:152 Resp: 239533

Ion Ratio Lower Upper

152 100

150 153.0 124.9 187.3

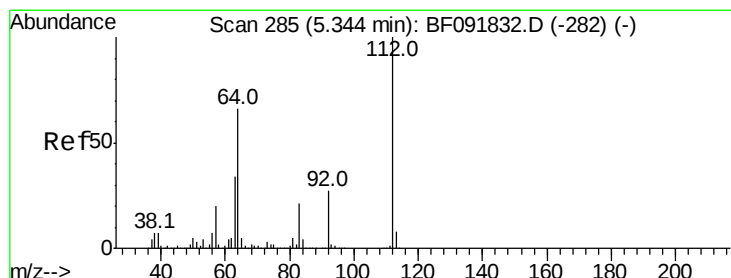
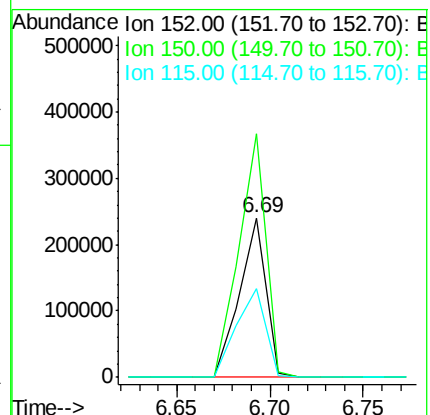
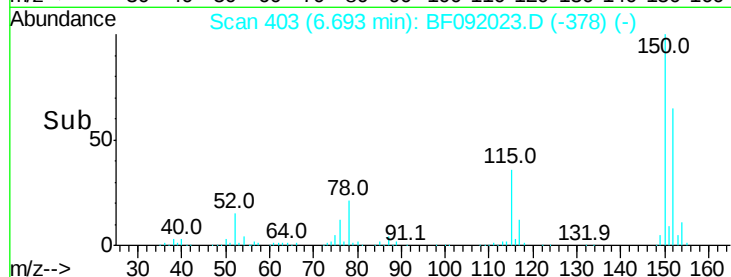
115 55.4 46.0 69.0



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: 61.38 ng

RT: 5.30 min Scan# 281

Delta R.T. -0.02 min

Lab File: BF092023.D

Acq: 29 Dec 2016 14:22

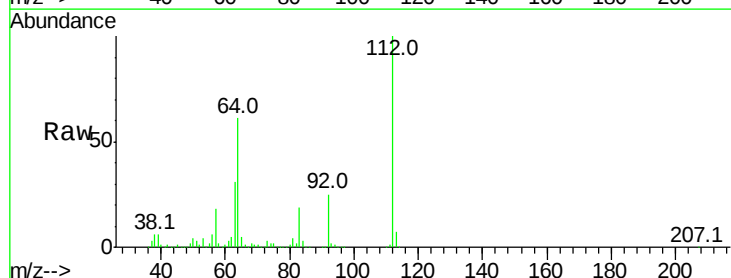
Tgt Ion:112 Resp: 880487

Ion Ratio Lower Upper

112 100

64 61.1 46.1 69.1

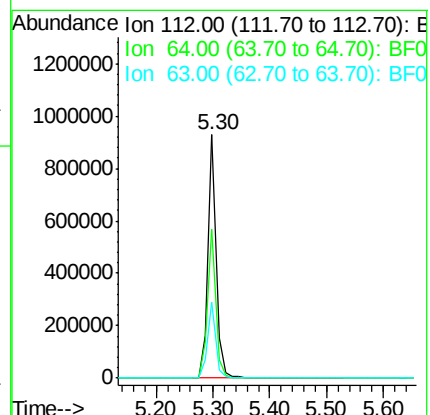
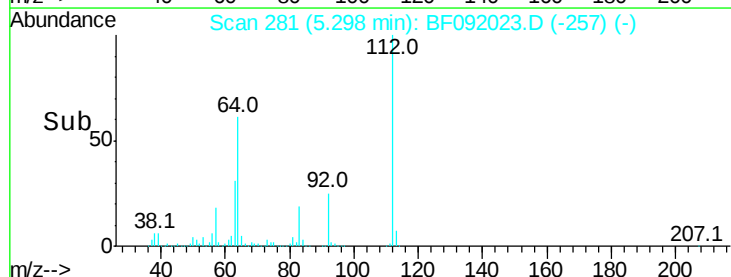
63 31.4 23.8 35.6



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: 46.03 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092023.D

Acq: 29 Dec 2016 14:22

Instrument :

BNA_F

ClientSampleId :

RINSEATE

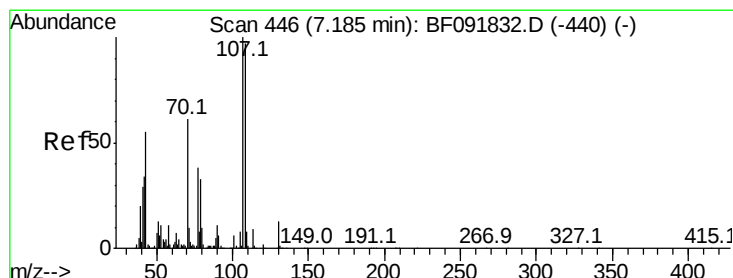
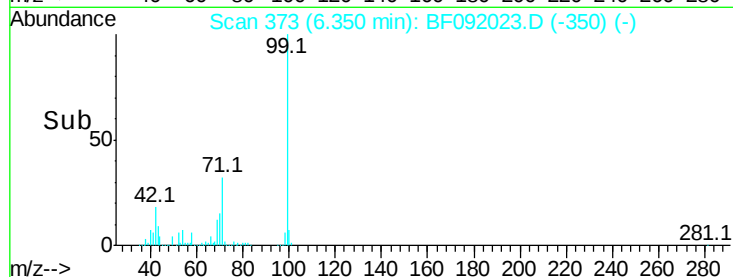
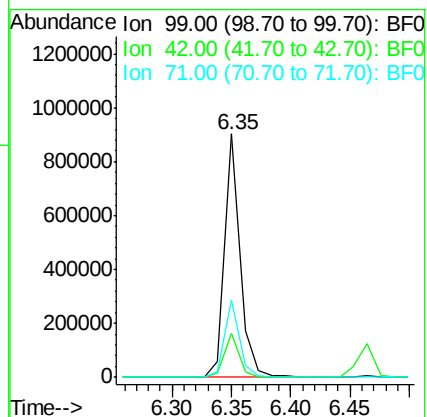
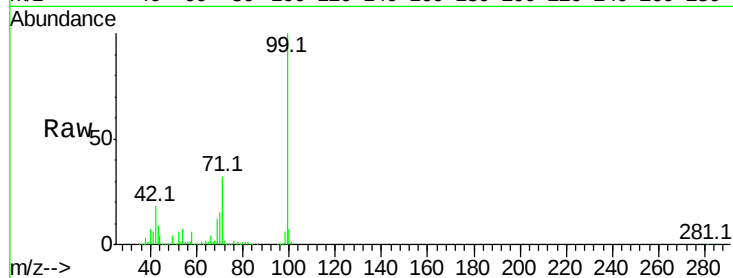
Tot Ion: 99 Resp: 806135

Ion Ratio Lower Upper

99 100

42 17.9 15.6 23.4

71 31.9 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.34 ng

RT: 7.26 min Scan# 453

Delta R.T. 0.13 min

Lab File: BF092023.D

Acq: 29 Dec 2016 14:22

Tgt Ion: 70 Resp: 202007

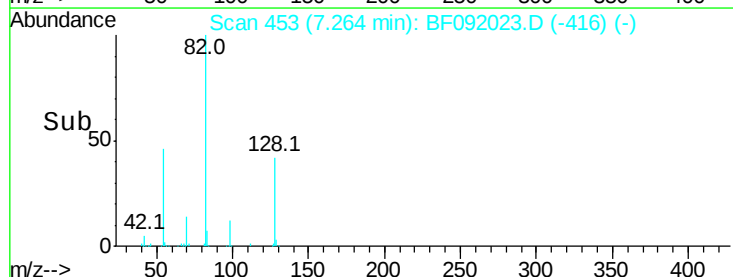
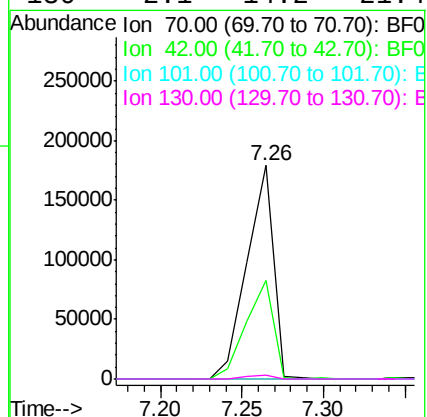
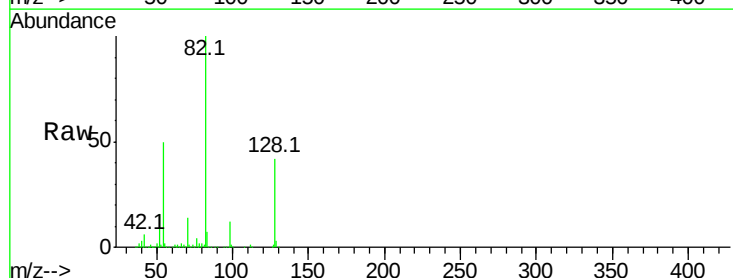
Ion Ratio Lower Upper

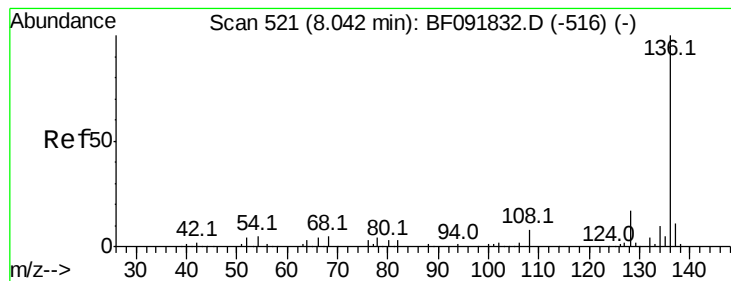
70 100

42 46.3 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: 7.97 min Scan# 515

Delta R.T. -0.02 min

Lab File: BF092023.D

Acq: 29 Dec 2016 14:22

Instrument :

BNA_F

ClientSampleId :

RINSEATE

Tot Ion:136 Resp: 800822

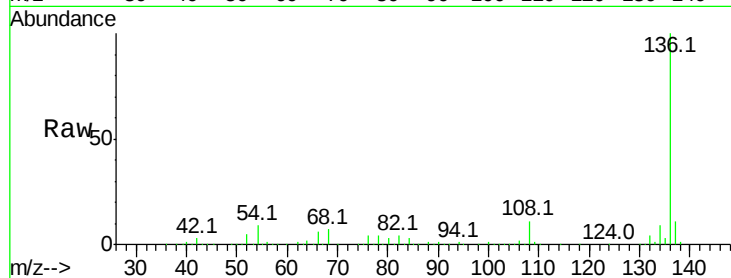
Ion Ratio Lower Upper

136 100

137 11.3 8.4 12.6

54 8.9 4.5 6.7#

68 6.7 3.6 5.4#

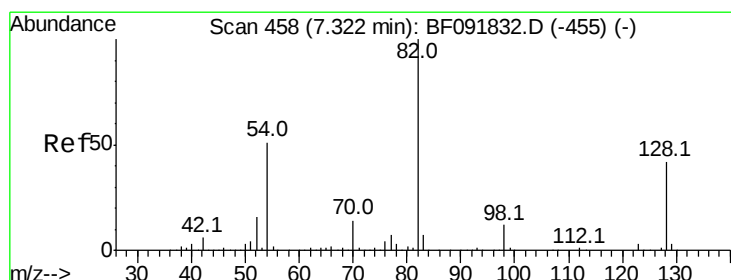
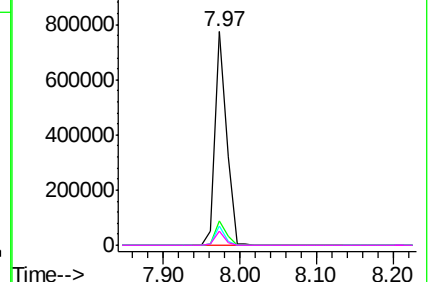
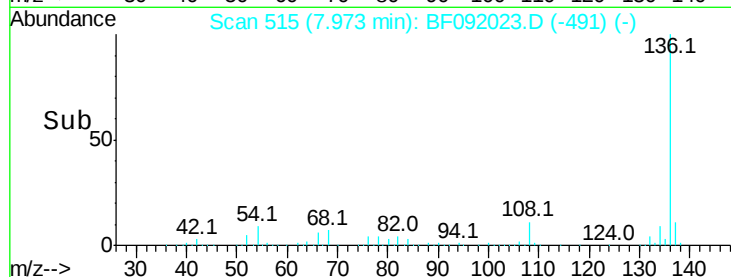


Abundance Ion 136.00 (135.70 to 136.70): E

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: 103.59 ng

RT: 7.26 min Scan# 453

Delta R.T. -0.02 min

Lab File: BF092023.D

Acq: 29 Dec 2016 14:22

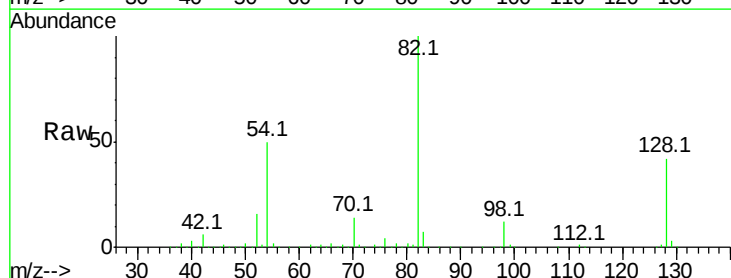
Tgt Ion: 82 Resp: 1491873

Ion Ratio Lower Upper

82 100

128 42.5 34.6 52.0

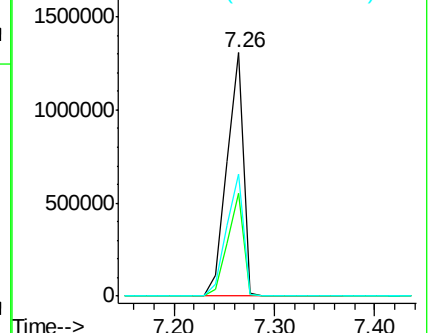
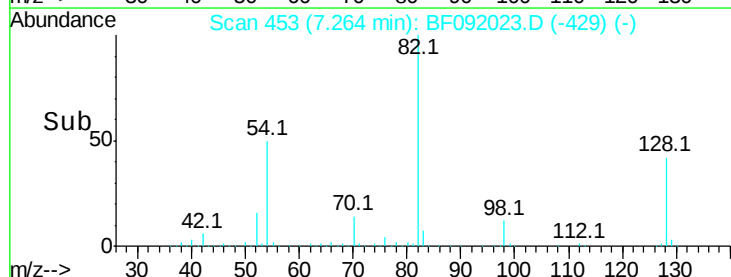
54 50.3 39.5 59.3

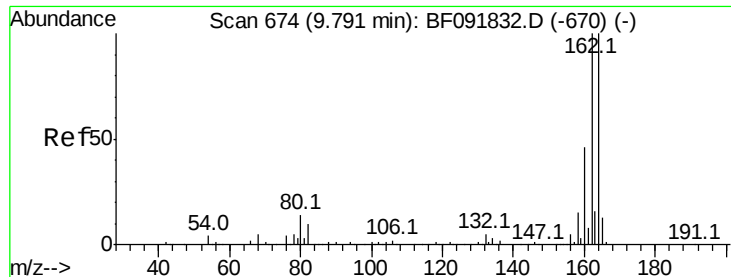


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

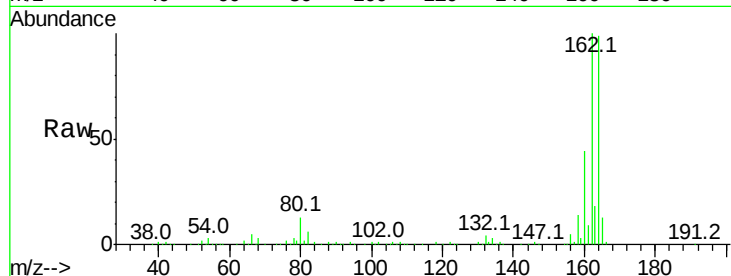




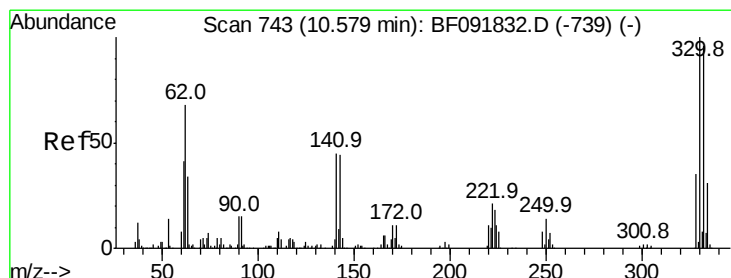
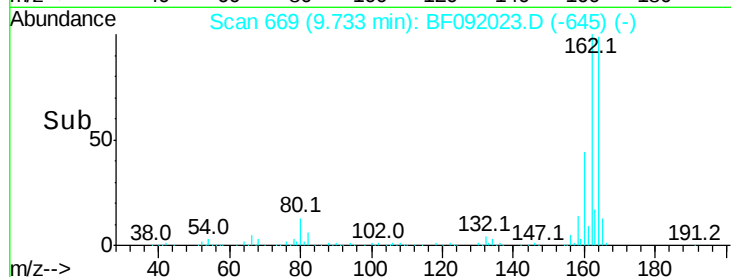
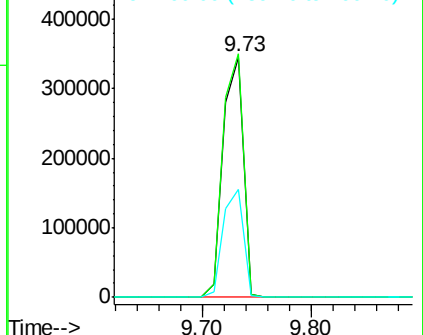
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.73 min Scan# 669
Delta R.T. -0.02 min
Lab File: BF092023.D
Acq: 29 Dec 2016 14:22

Instrument :
BNA_F
ClientSampleId :
RINSEATE

Tot Ion:164 Resp: 447796
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 45.1 36.9 55.3

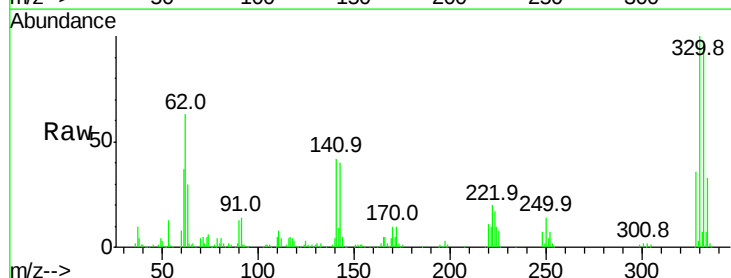


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

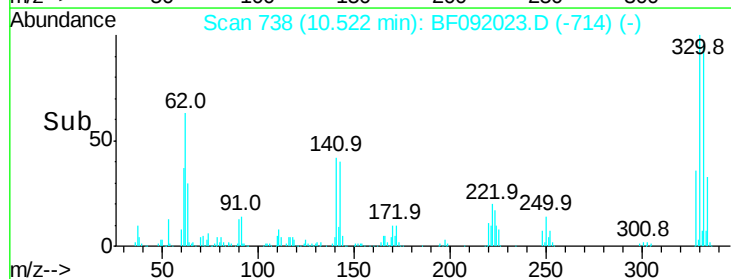
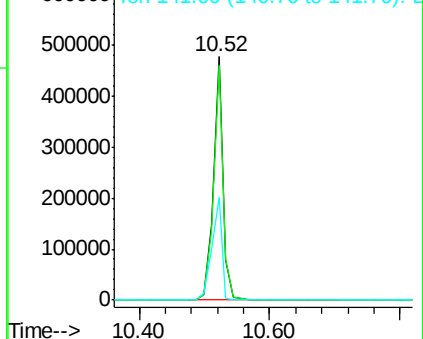


#41
2,4,6-Tribromophenol
Concen: 134.97 ng
RT: 10.52 min Scan# 738
Delta R.T. -0.02 min
Lab File: BF092023.D
Acq: 29 Dec 2016 14:22

Tgt Ion:330 Resp: 500189
Ion Ratio Lower Upper
330 100
332 96.6 77.4 116.2
141 44.2 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



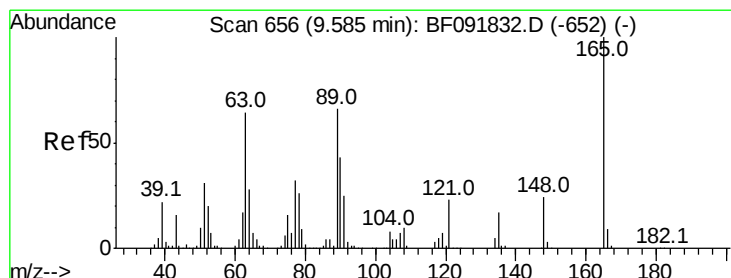
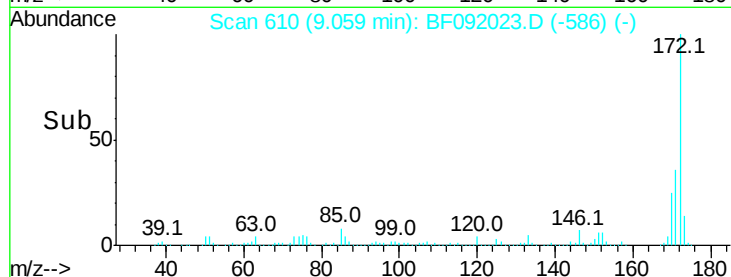
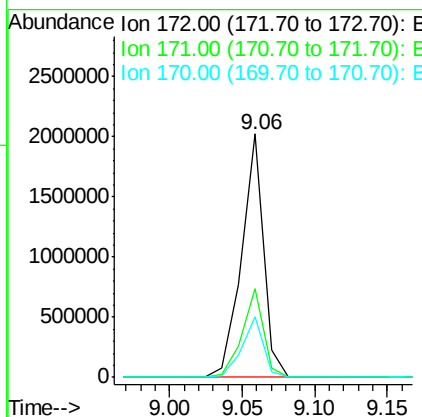
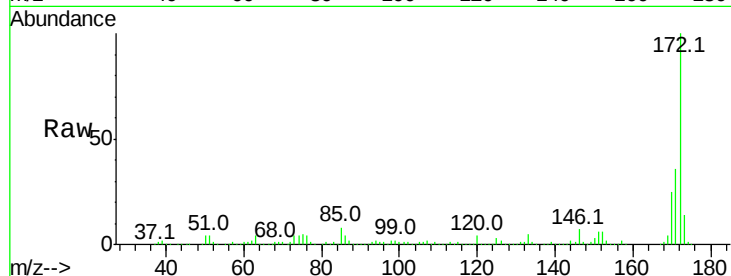


#44
 2-Fluorobiphenyl
 Concen: 99.68 ng
 RT: 9.06 min Scan# 610
 Delta R.T. -0.02 min
 Lab File: BF092023.D
 Acq: 29 Dec 2016 14:22

Instrument :
 BNA_F
 ClientSampleId :
 RINSEATE

Tot Ion:172 Resp: 2129817

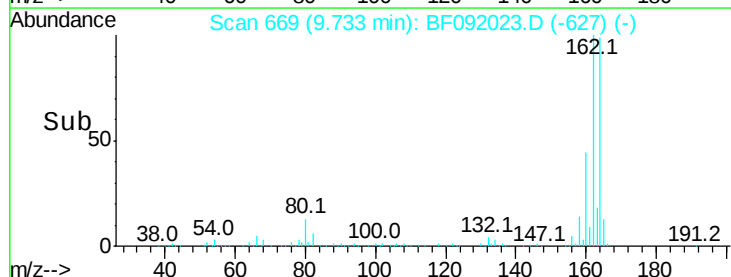
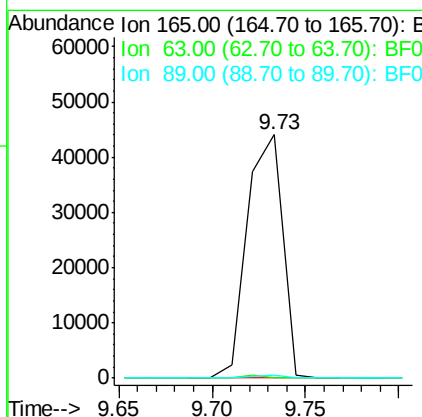
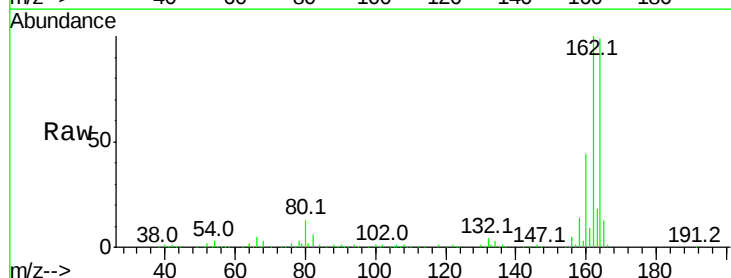
Ion	Ratio	Lower	Upper
172	100		
171	36.2	29.4	44.0
170	25.0	20.2	30.4

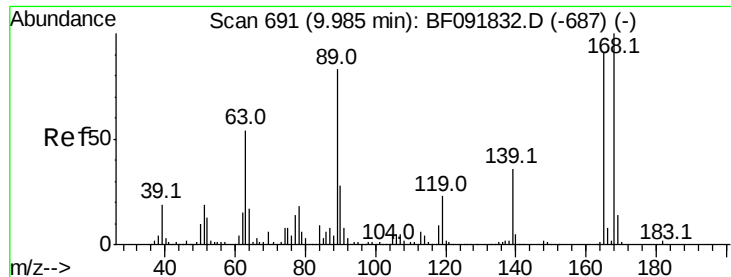


#50
 2,6-Dinitrotoluene
 Concen: 9.23 ng
 RT: 9.73 min Scan# 669
 Delta R.T. 0.18 min
 Lab File: BF092023.D
 Acq: 29 Dec 2016 14:22

Tgt Ion:165 Resp: 57855

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	1.2	40.2	60.4#

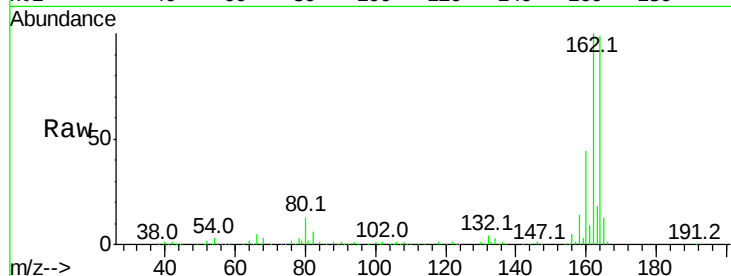




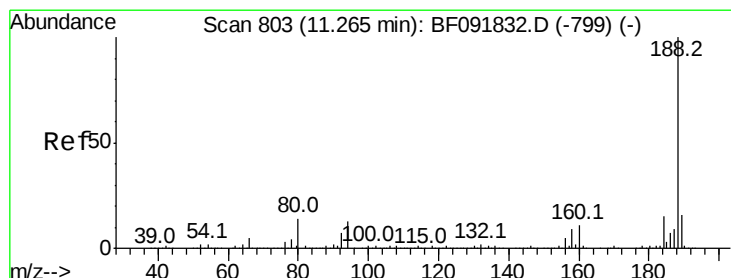
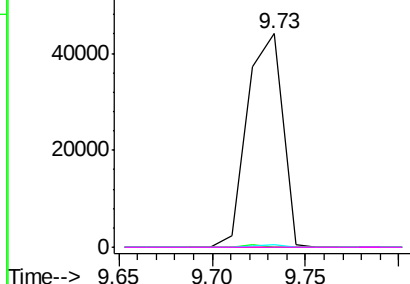
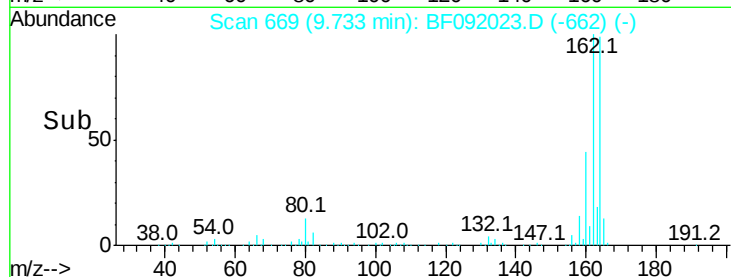
#56
 2,4-Dinitrotoluene
 Concen: 7.35 ng
 RT: 9.73 min Scan# 669
 Delta R.T. -0.22 min
 Lab File: BF092023.D
 Acq: 29 Dec 2016 14:22

Instrument :
 BNA_F
 ClientSampleId :
 RINSEATE

Tot Ion:165 Resp: 57855
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.2 60.4#
 89 1.2 62.5 93.7#
 182 0.0 1.8 2.8#

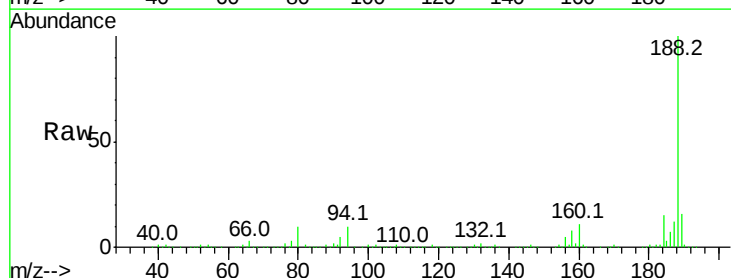


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

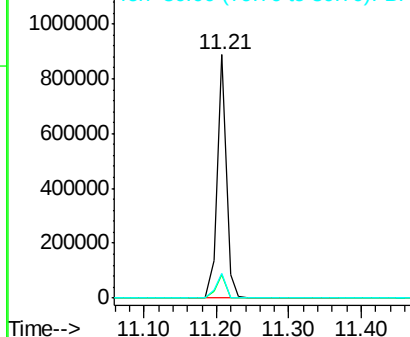
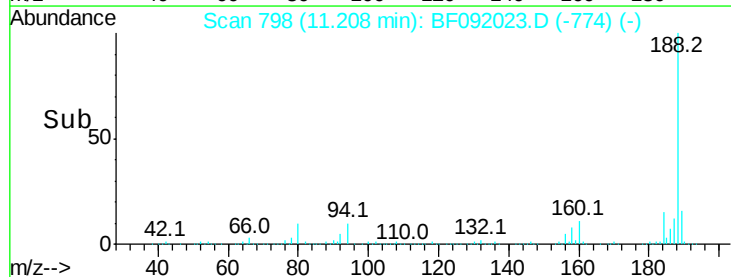


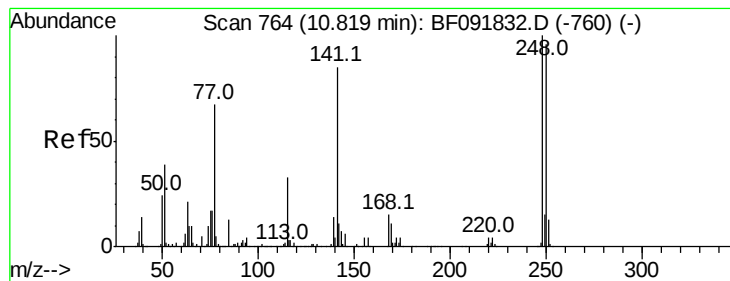
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.21 min Scan# 798
 Delta R.T. -0.02 min
 Lab File: BF092023.D
 Acq: 29 Dec 2016 14:22

Tgt Ion:188 Resp: 774559
 Ion Ratio Lower Upper
 188 100
 94 9.6 10.0 15.0#
 80 10.2 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: 4.18 ng

RT: 10.52 min Scan# 738

Delta R.T. -0.26 min

Lab File: BF092023.D

Acq: 29 Dec 2016 14:22

Instrument :

BNA_F

ClientSampleId :

RINSEATE

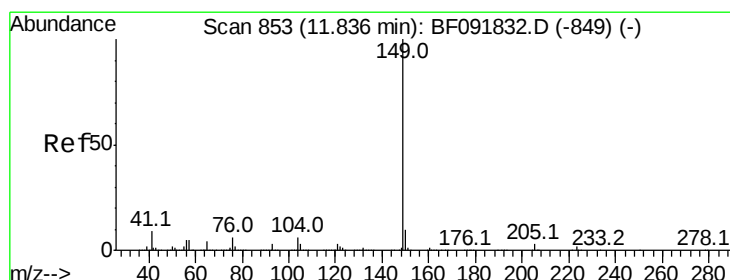
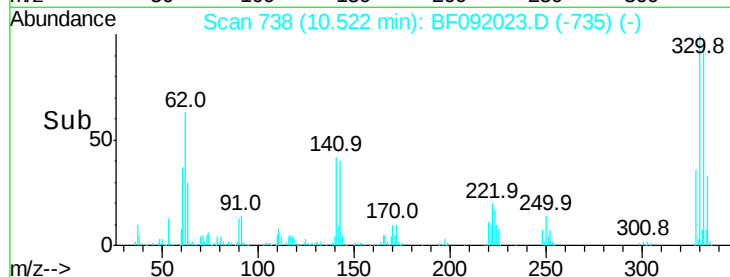
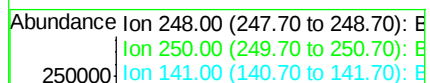
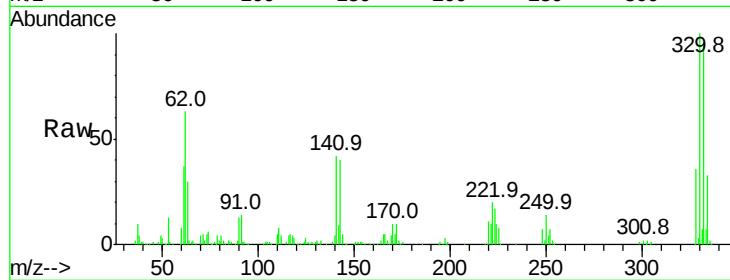
Tot Ion:248 Resp: 33711

Ion Ratio Lower Upper

248 100

250 202.6 76.9 115.3#

141 608.1 68.2 102.4#



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.78 min Scan# 848

Delta R.T. -0.02 min

Lab File: BF092023.D

Acq: 29 Dec 2016 14:22

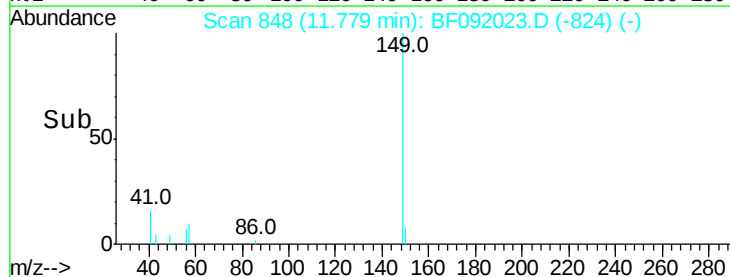
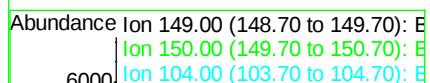
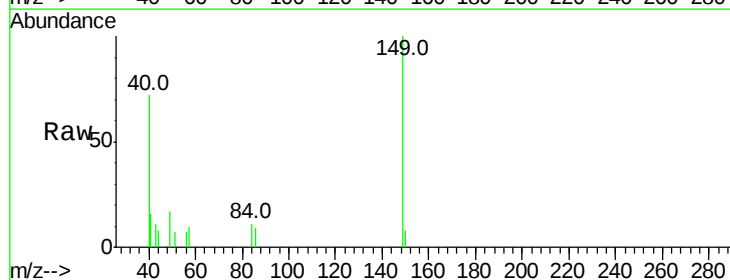
Tgt Ion:149 Resp: 4944

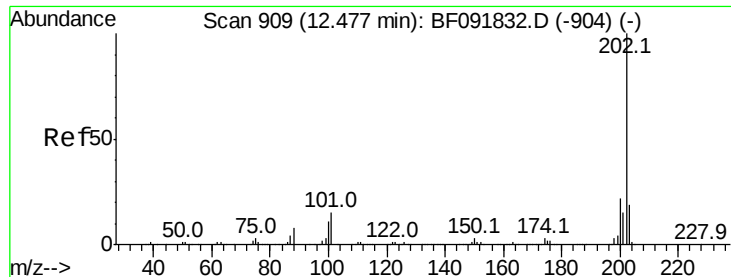
Ion Ratio Lower Upper

149 100

150 8.0 8.1 12.1#

104 0.0 4.6 7.0#





#74

Fluoranthene

Concen: Below Cal

RT: 12.42 min Scan# 904

Delta R.T. -0.02 min

Lab File: BF092023.D

Acq: 29 Dec 2016 14:22

Instrument :

BNA_F

ClientSampleId :

RINSEATE

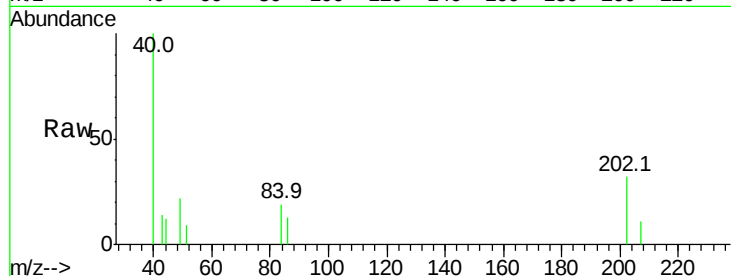
Tot Ion:202 Resp: 1224

Ion Ratio Lower Upper

202 100

101 0.0 0.0 34.6

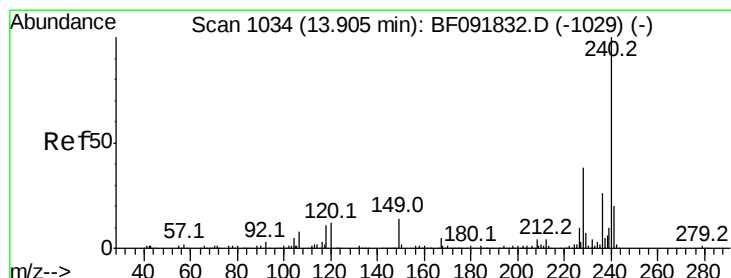
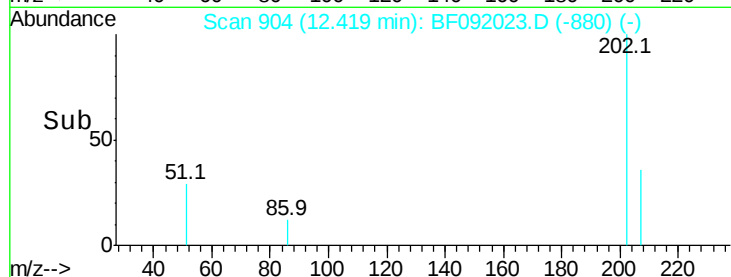
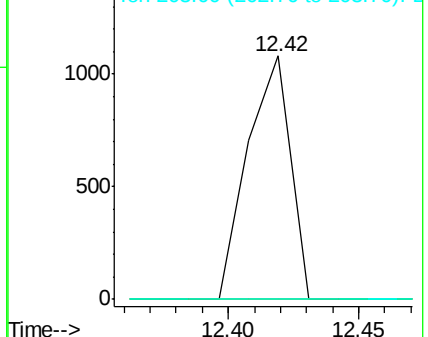
203 0.0 0.0 38.7



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: 13.84 min Scan# 1028

Delta R.T. -0.03 min

Lab File: BF092023.D

Acq: 29 Dec 2016 14:22

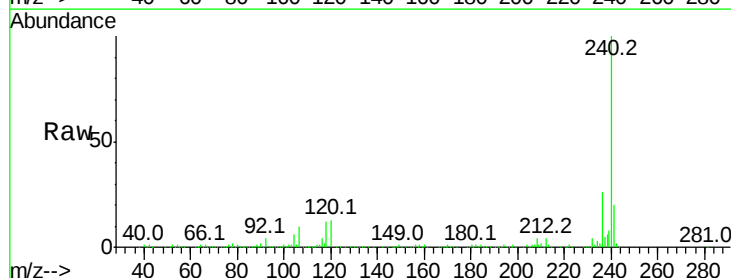
Tgt Ion:240 Resp: 657651

Ion Ratio Lower Upper

240 100

120 13.5 12.9 19.3

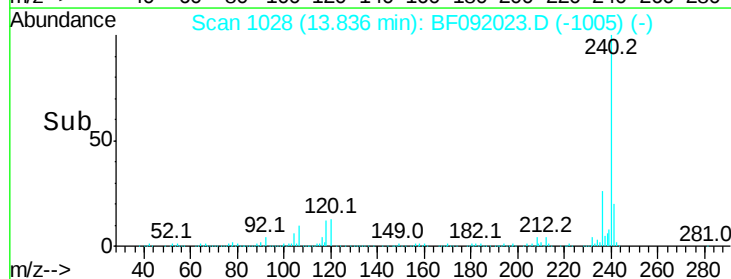
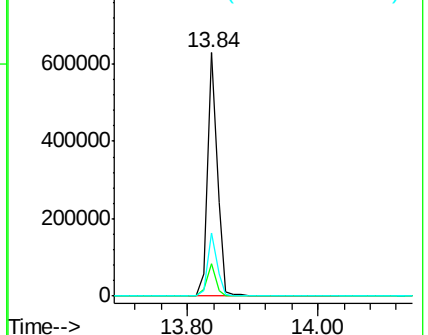
236 26.1 20.9 31.3

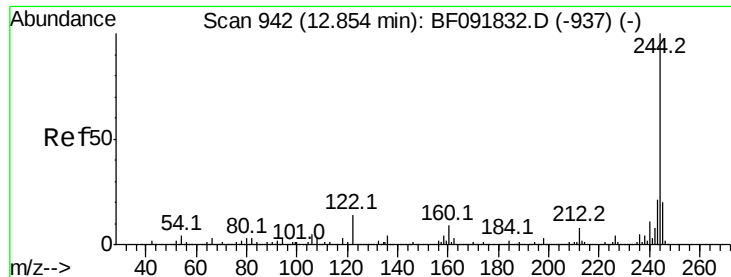


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 92.71 ng

RT: 12.81 min Scan# 938

Delta R.T. -0.01 min

Lab File: BF092023.D

Acq: 29 Dec 2016 14:22

Instrument :

BNA_F

ClientSampleId :

RINSEATE

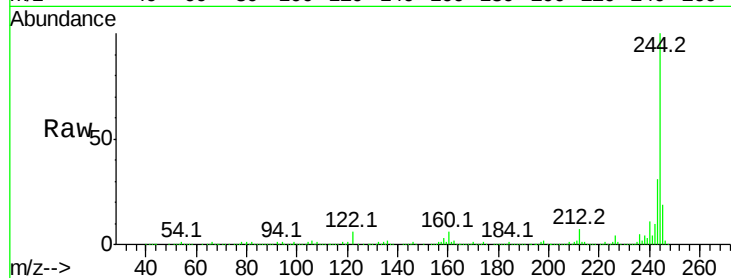
Tot Ion:244 Resp: 2514037

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

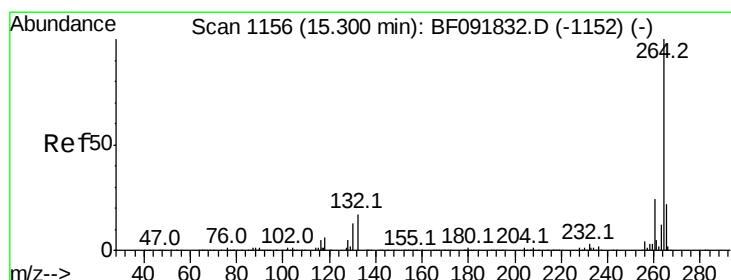
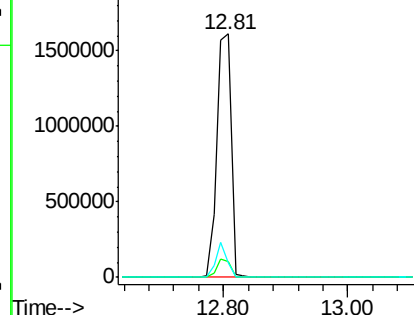
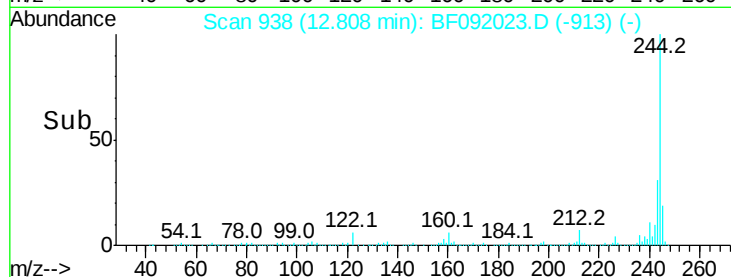
122 6.1 11.4 17.2#



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: 15.25 min Scan# 1152

Delta R.T. -0.00 min

Lab File: BF092023.D

Acq: 29 Dec 2016 14:22

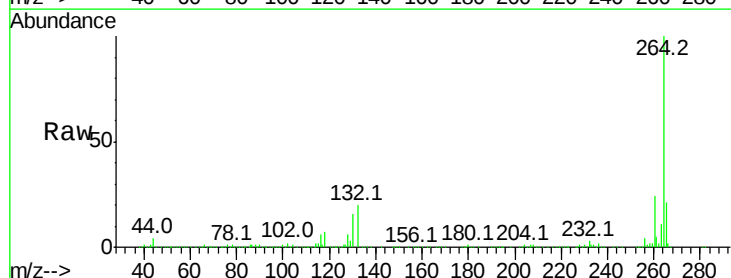
Tgt Ion:264 Resp: 605968

Ion Ratio Lower Upper

264 100

260 23.5 19.2 28.8

265 21.4 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

