

Data Path : Z:\HPCHEM1\BNA F\DATA\BF100615\
 Data File : BF082091.D
 Acq On : 6 Oct 2015 18:40
 Operator : UM/IZ
 Sample : G3906-03
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-01)

Quant Time: Oct 07 02:05:55 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 07 02:00:35 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	94717	20.00	ng	0.00
21) Naphthalene-d8	8.17	136	364379	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	172350	20.00	ng	-0.01
63) Phenanthrene-d10	11.42	188	328320	20.00	ng	0.00
75) Chrysene-d12	14.06	240	257301	20.00	ng	-0.01
86) Perylene-d12	15.50	264	226167	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.49	112	704786	135.08	ng	0.01
7) Phenol-d6	6.51	99	891656	135.81	ng	0.00
23) Nitrobenzene-d5	7.45	82	560430	102.53	ng	0.00
41) 2,4,6-Tribromophenol	10.72	330	254549	145.83	ng	0.00
44) 2-Fluorobiphenyl	9.25	172	982023	98.31	ng	0.00
78) Terphenyl-d14	13.01	244	1078716	-20.00	ng	0.00

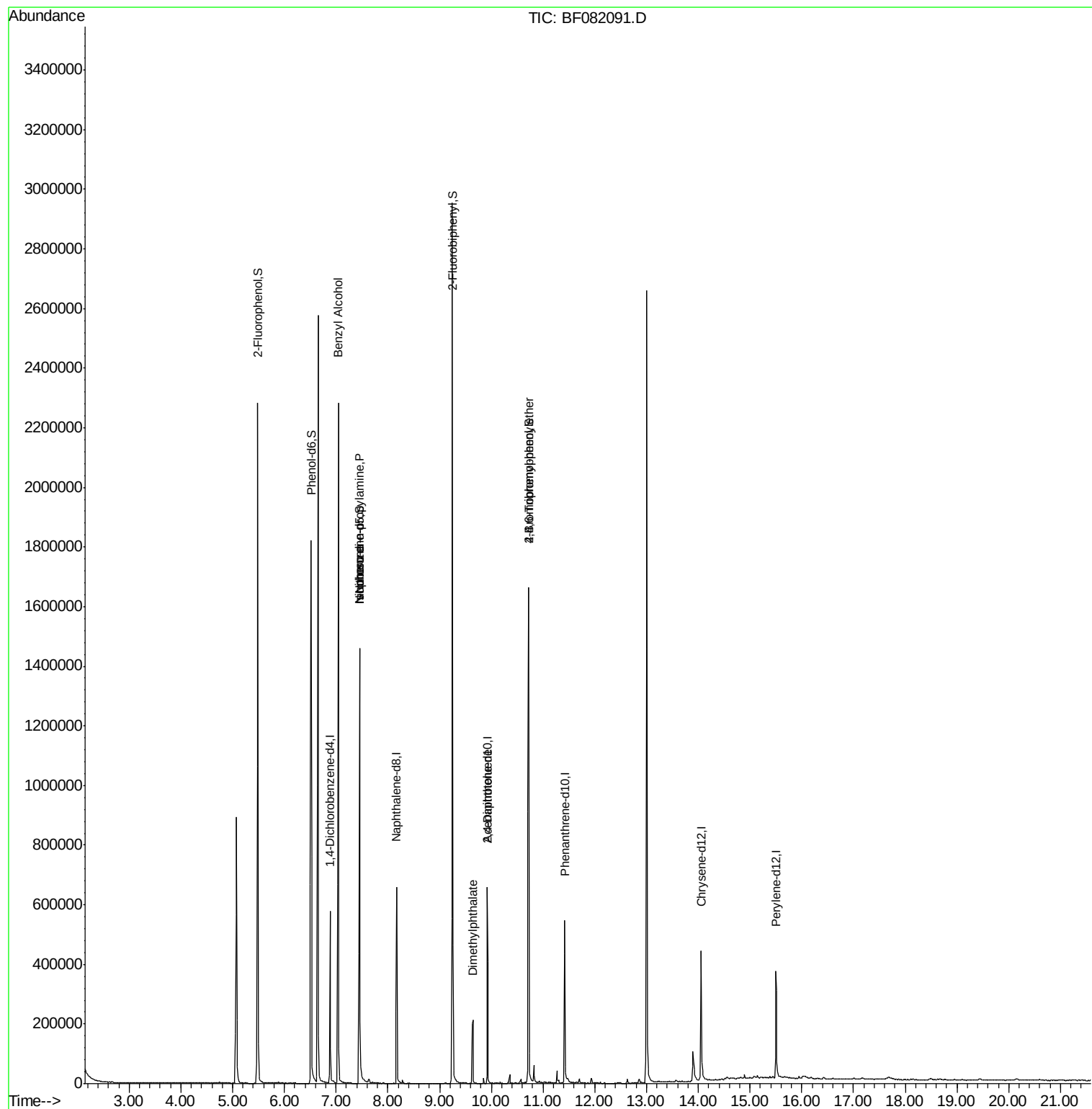
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
15) Benzyl Alcohol	7.04	79	9590	2.02	ng	# 32
19) n-Nitroso-di-n-propylamine	7.45	70	72846	18.26	ng	# 58
25) Isophorone	7.45	82	448177	41.37	ng	# 58
49) Dimethylphthalate	9.65	163	147220	12.37	ng	# 96
56) 2,4-Dinitrotoluene	9.92	165	21212	6.44	ng	# 31
57) Fluorene	10.47	166	579	Below	Cal	# 83
66) 4-Bromophenyl-phenylether	10.72	248	17447	5.27	ng	# 1
70) Phenanthrene	11.44	178	8315	Below	Cal	# 94
73) Di-n-butylphthalate	11.98	149	972	Below	Cal	# 78

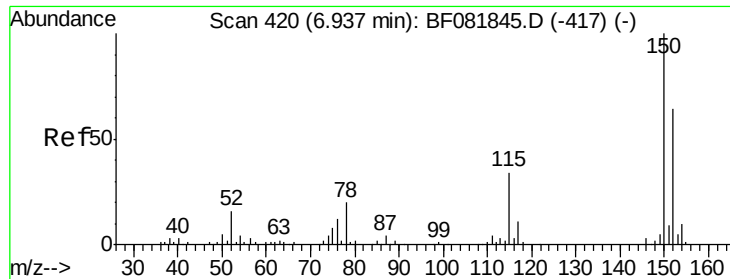
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.00 min

Lab File: BF082091.D

Acq: 6 Oct 2015 18:40

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-01)

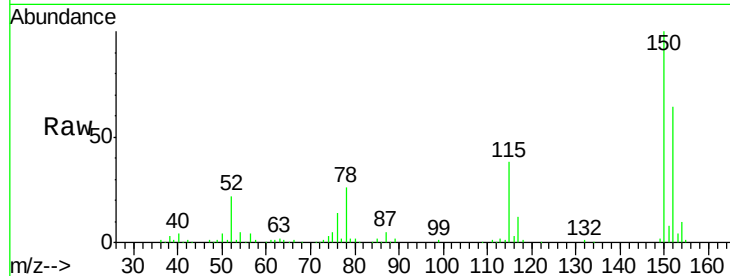
Tot Ion:152 Resp: 94717

Ion Ratio Lower Upper

152 100

150 156.2 124.7 187.1

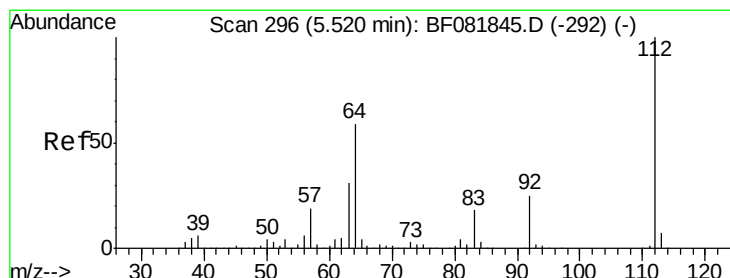
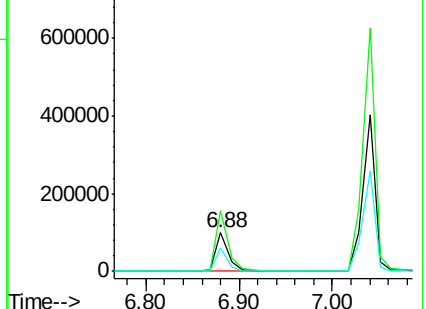
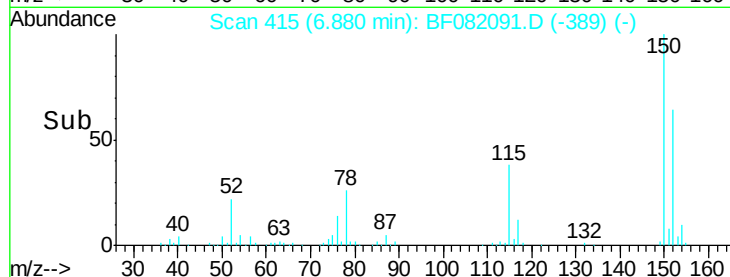
115 59.8 39.0 58.4#



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: 135.08 ng

RT: 5.49 min Scan# 293

Delta R.T. 0.01 min

Lab File: BF082091.D

Acq: 6 Oct 2015 18:40

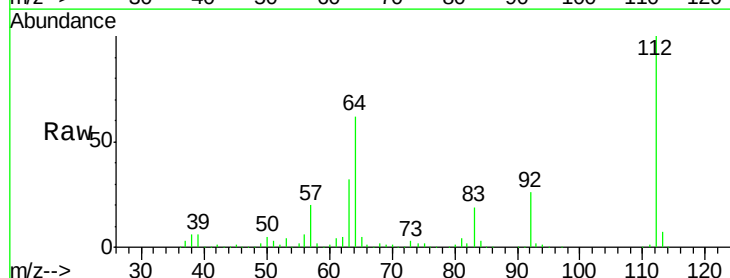
Tgt Ion:112 Resp: 704786

Ion Ratio Lower Upper

112 100

64 62.1 39.7 59.5#

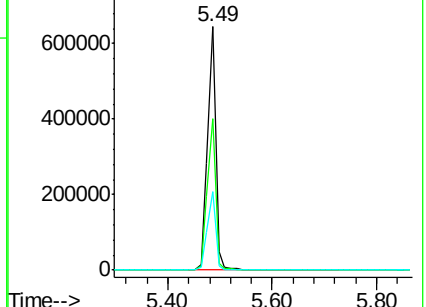
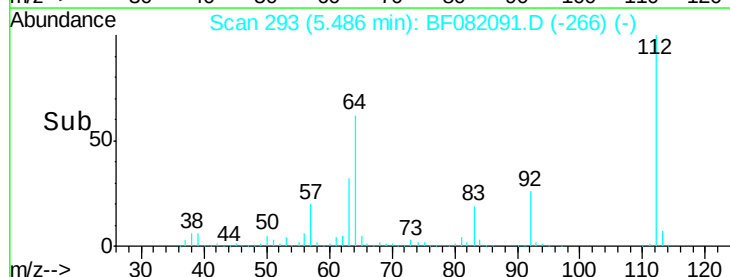
63 32.4 17.4 26.0#

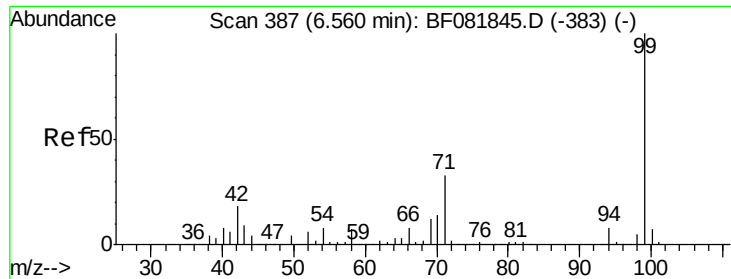


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 135.81 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.00 min

Lab File: BF082091.D

Acq: 6 Oct 2015 18:40

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-01)

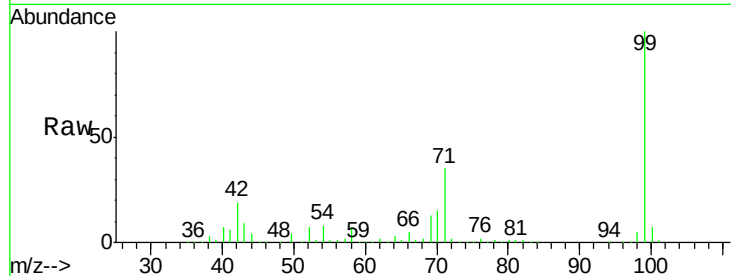
Tot Ion: 99 Resp: 891656

Ion Ratio Lower Upper

99 100

42 18.7 13.7 20.5

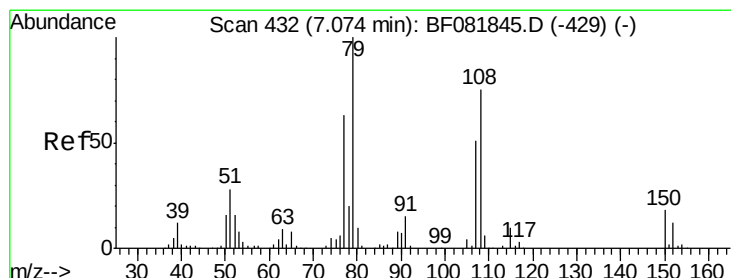
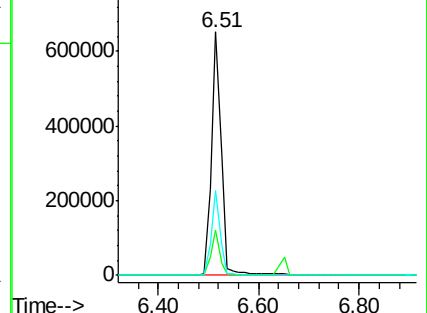
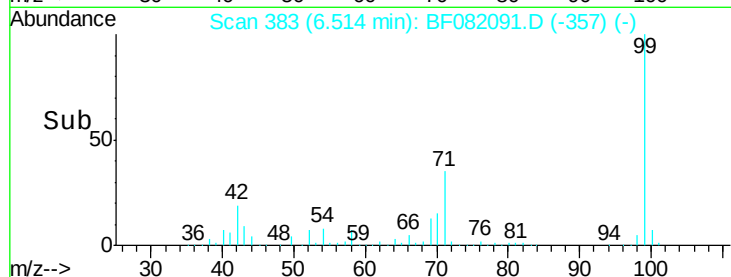
71 34.8 14.2 21.2#



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



#15

Benzyl Alcohol

Concen: 2.02 ng

RT: 7.04 min Scan# 429

Delta R.T. 0.01 min

Lab File: BF082091.D

Acq: 6 Oct 2015 18:40

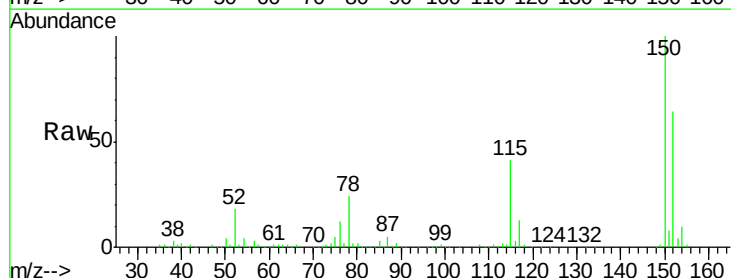
Tgt Ion: 79 Resp: 9590

Ion Ratio Lower Upper

79 100

108 32.5 88.6 132.8#

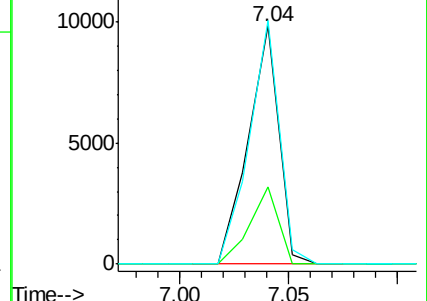
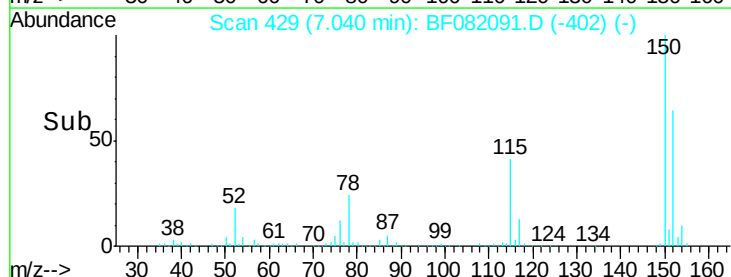
77 102.2 47.0 70.4#

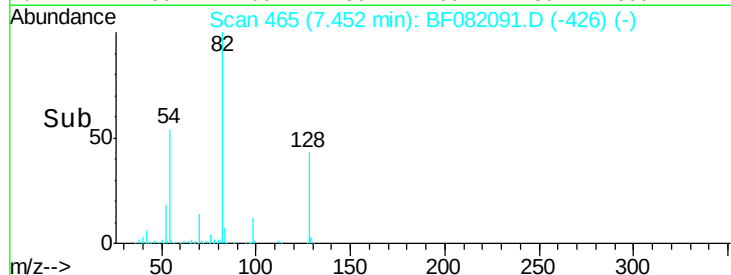
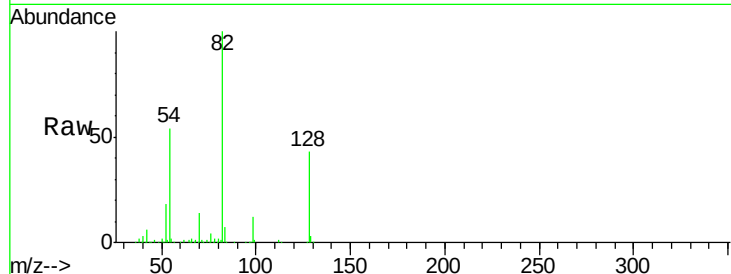
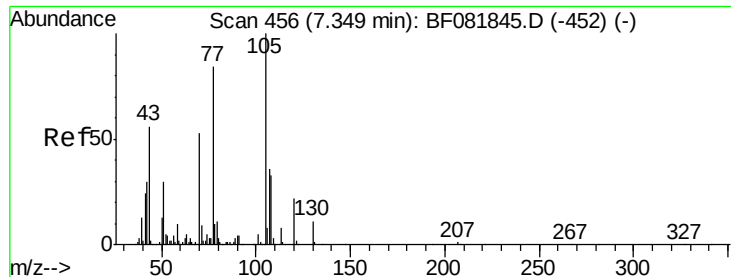


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

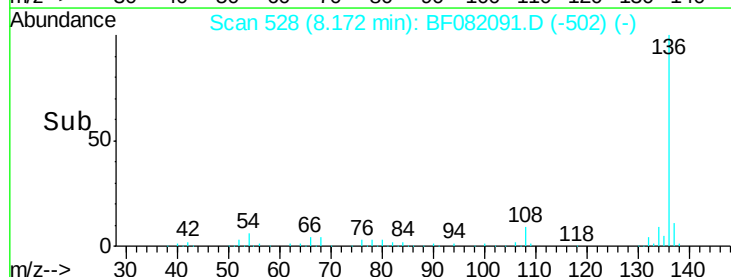
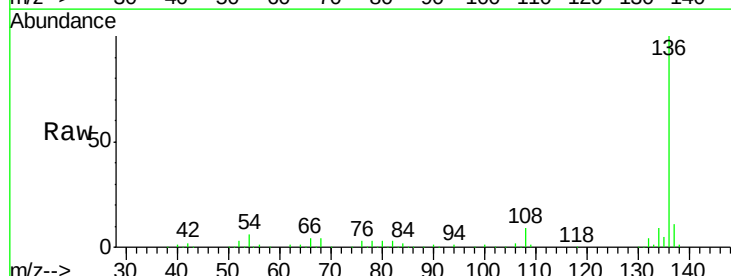
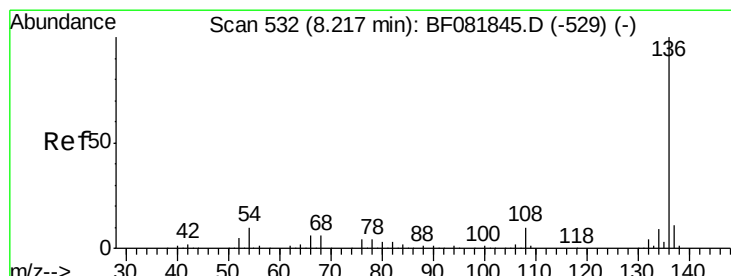
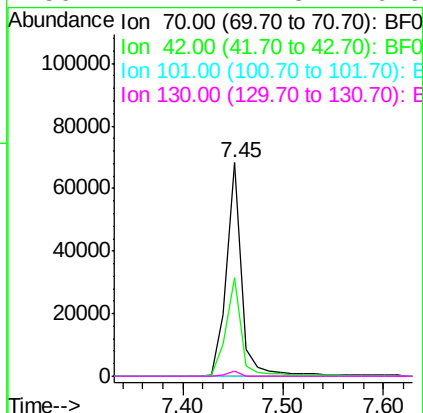




#19
n-Nitroso-di-n-propylamine
Concen: 18.26 ng
RT: 7.45 min Scan# 465
Delta R.T. 0.15 min
Lab File: BF082091.D
Acq: 6 Oct 2015 18:40

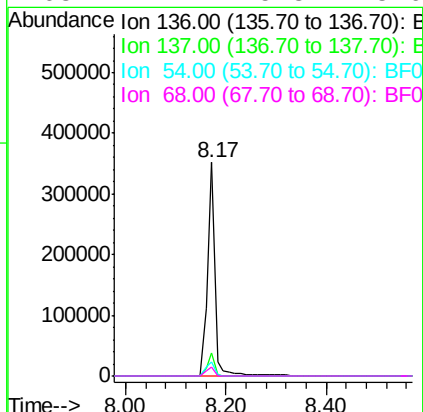
Instrument :
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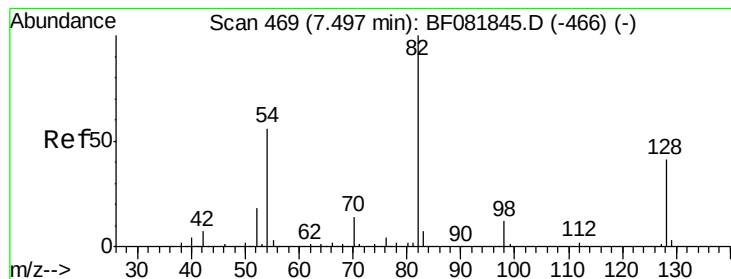
Tot Ion: 70 Resp: 72846
Ion Ratio Lower Upper
70 100
42 46.3 63.8 95.6#
101 0.0 9.2 13.8#
130 2.2 27.3 40.9#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.00 min
Lab File: BF082091.D
Acq: 6 Oct 2015 18:40

Tgt Ion: 136 Resp: 364379
Ion Ratio Lower Upper
136 100
137 10.9 9.0 13.6
54 6.4 8.2 12.2#
68 4.4 5.8 8.6#





#23

Nitrobenzene-d5

Concen: 102.53 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.00 min

Lab File: BF082091.D

Acq: 6 Oct 2015 18:40

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-01)

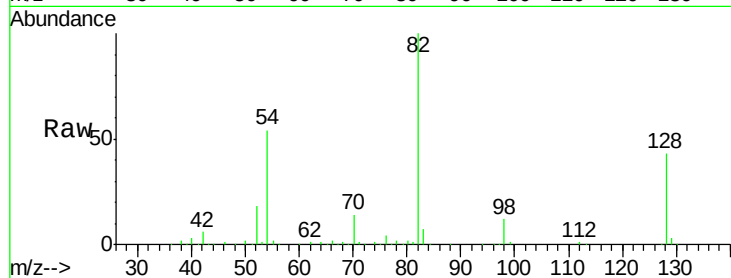
Tot Ion: 82 Resp: 560430

Ion Ratio Lower Upper

82 100

128 43.4 51.0 76.6#

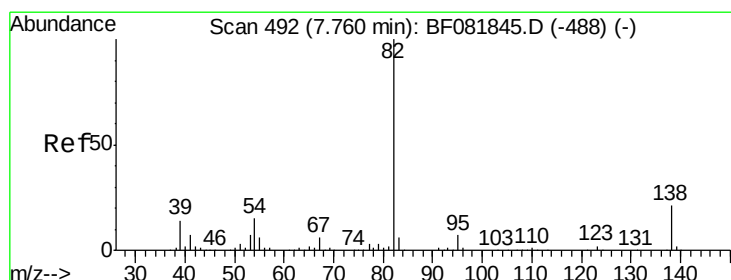
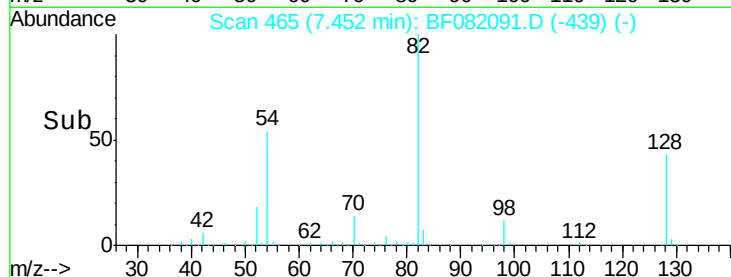
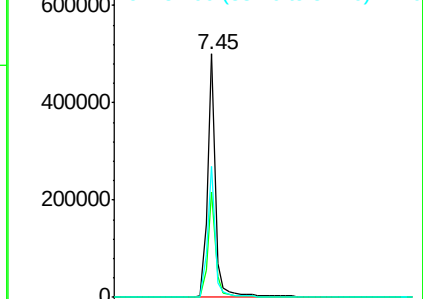
54 54.1 47.5 71.3



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: 41.37 ng

RT: 7.45 min Scan# 465

Delta R.T. -0.26 min

Lab File: BF082091.D

Acq: 6 Oct 2015 18:40

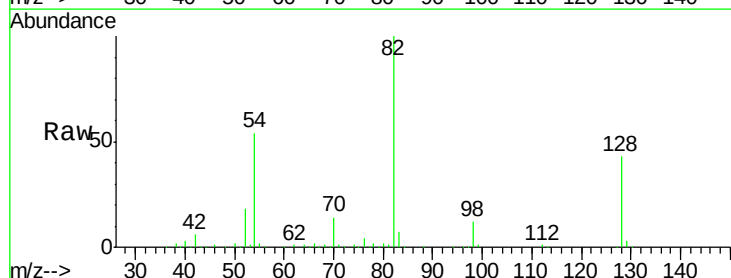
Tgt Ion: 82 Resp: 448177

Ion Ratio Lower Upper

82 100

95 0.0 4.0 6.0#

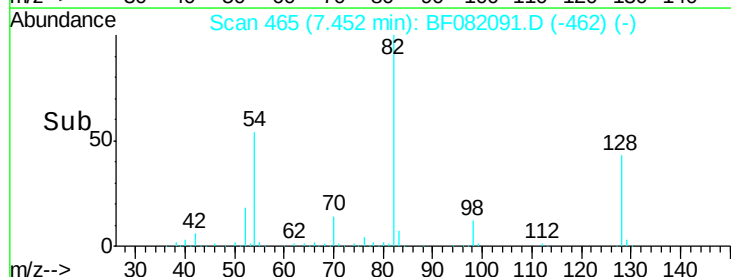
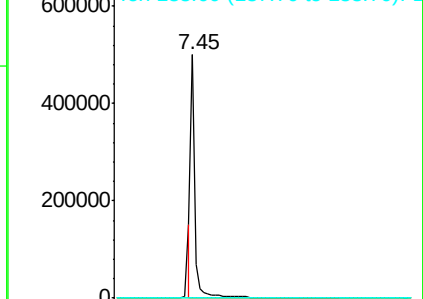
138 0.0 18.3 27.5#

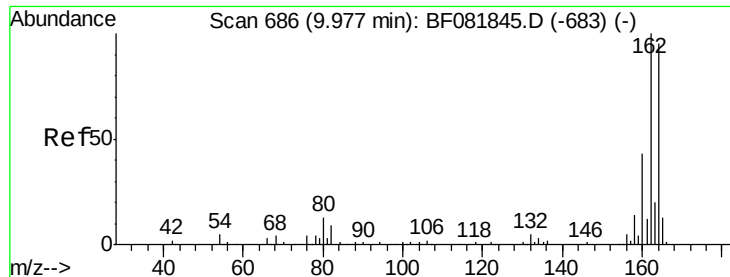


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

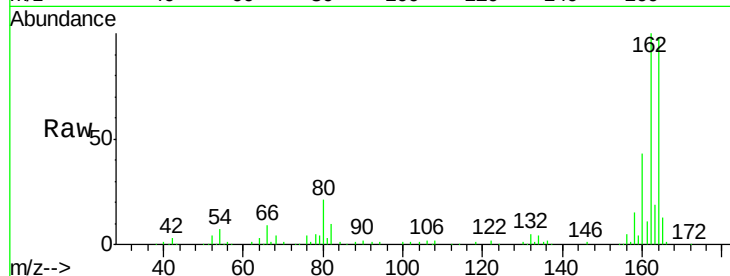




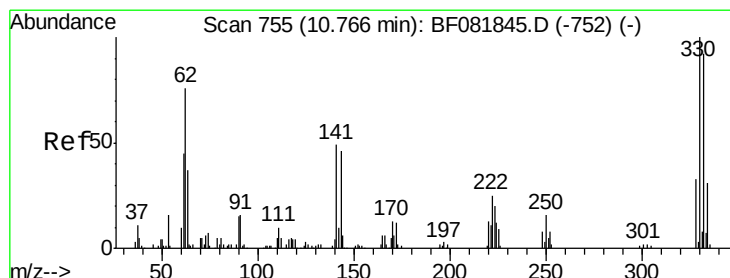
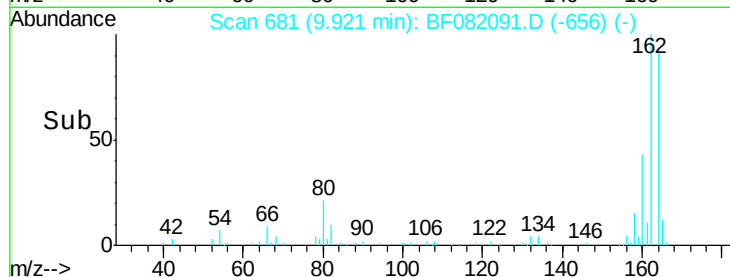
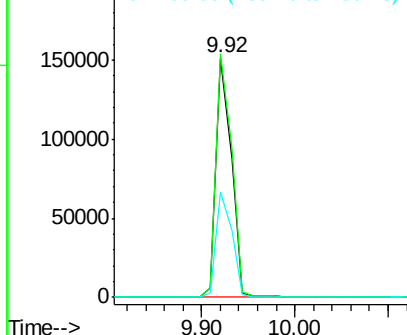
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.92 min Scan# 681
 Delta R.T. -0.01 min
 Lab File: BF082091.D
 Acq: 6 Oct 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-01)

Tot Ion:164 Resp: 172350
 Ion Ratio Lower Upper
 164 100
 162 101.9 75.2 112.8
 160 44.0 31.5 47.3

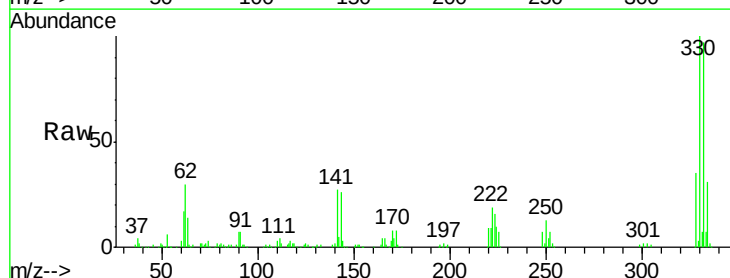


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

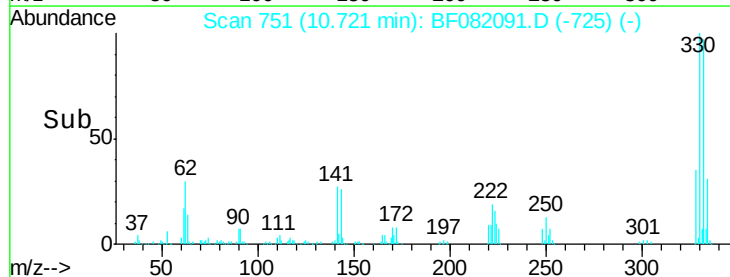
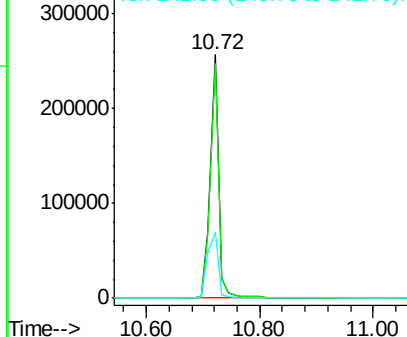


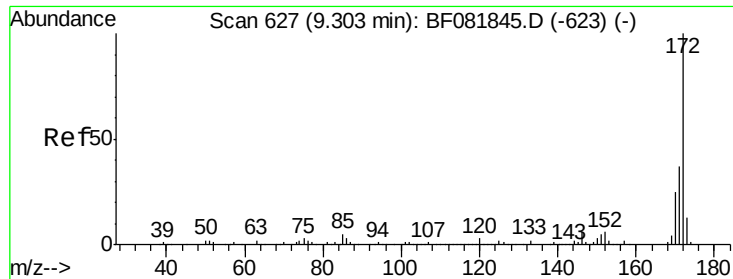
#41
 2,4,6-Tribromophenol
 Concen: 145.83 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.00 min
 Lab File: BF082091.D
 Acq: 6 Oct 2015 18:40

Tgt Ion:330 Resp: 254549
 Ion Ratio Lower Upper
 330 100
 332 96.3 76.6 114.8
 141 34.9 29.7 44.5



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

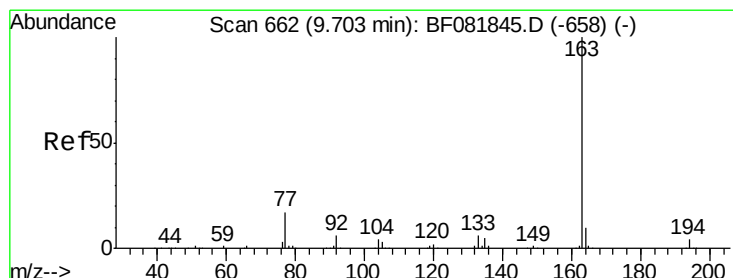
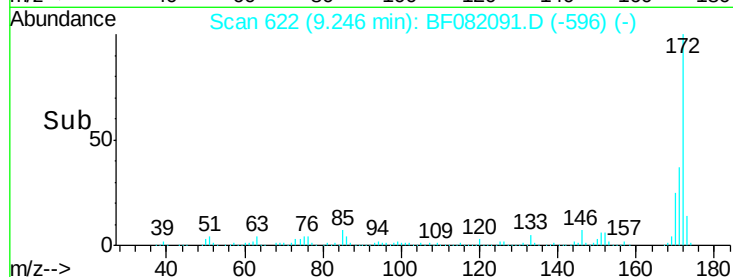
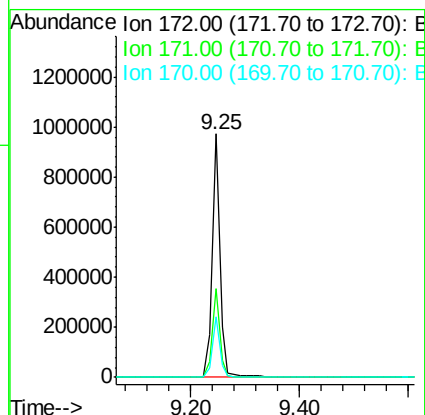
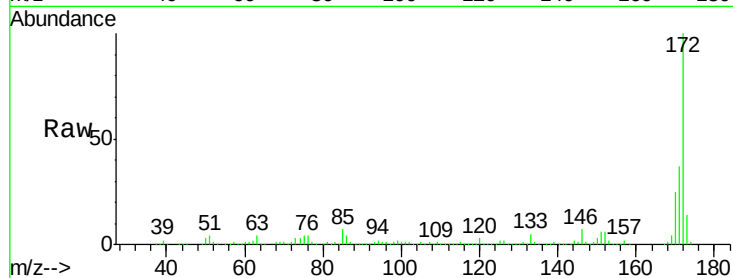




#44
 2-Fluorobiphenyl
 Concen: 98.31 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.00 min
 Lab File: BF082091.D
 Acq: 6 Oct 2015 18:40

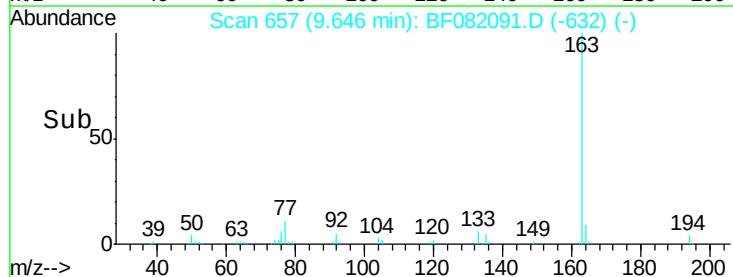
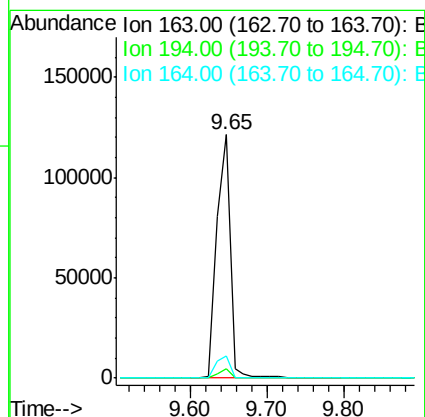
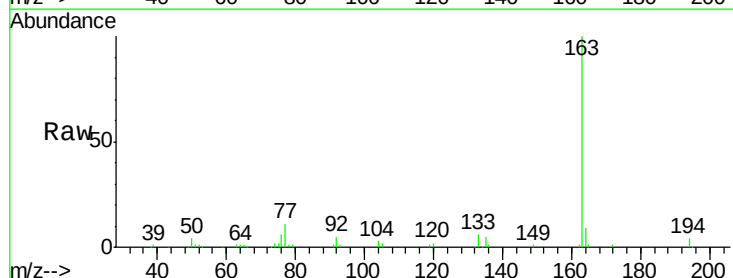
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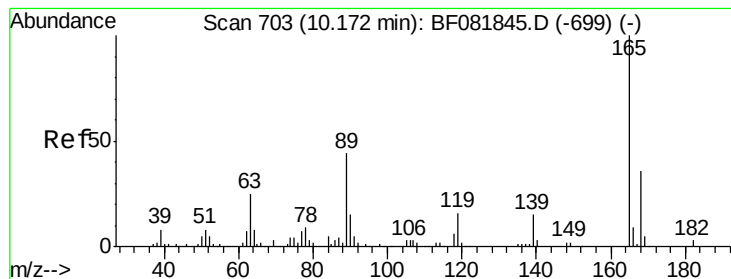
Tot Ion:172 Resp: 982023
 Ion Ratio Lower Upper
 172 100
 171 36.5 26.1 39.1
 170 25.0 17.4 26.2



#49
 Dimethylphthalate
 Concen: 12.37 ng
 RT: 9.65 min Scan# 657
 Delta R.T. -0.01 min
 Lab File: BF082091.D
 Acq: 6 Oct 2015 18:40

Tgt Ion:163 Resp: 147220
 Ion Ratio Lower Upper
 163 100
 194 4.0 4.4 6.6#
 164 9.3 8.3 12.5





#56

2,4-Dinitrotoluene

Concen: 6.44 ng

RT: 9.92 min Scan# 681

Delta R.T. -0.21 min

Lab File: BF082091.D

Acq: 6 Oct 2015 18:40

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-01)

Tot Ion:165 Resp: 21212

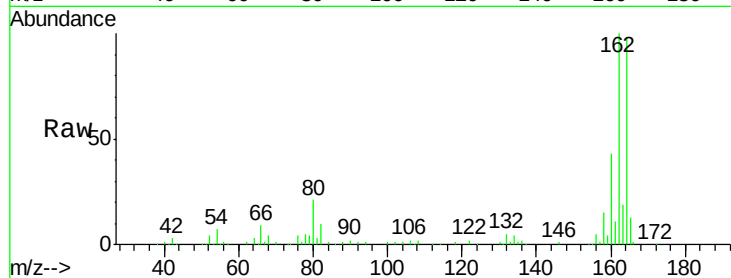
Ion Ratio Lower Upper

165 100

63 0.0 29.8 44.6#

89 0.0 44.5 66.7#

182 0.0 3.0 4.4#

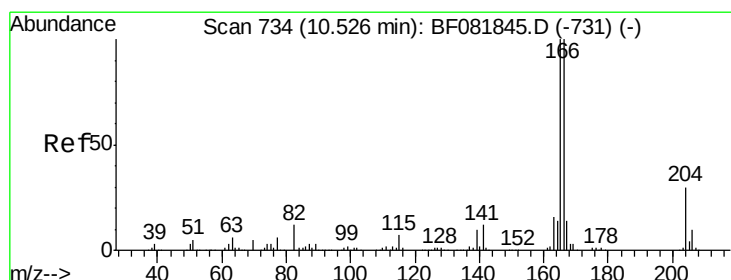
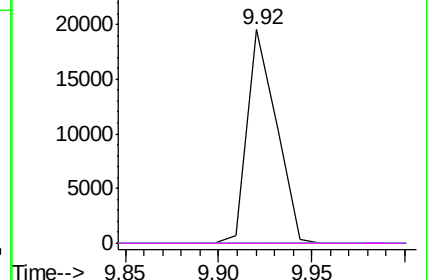
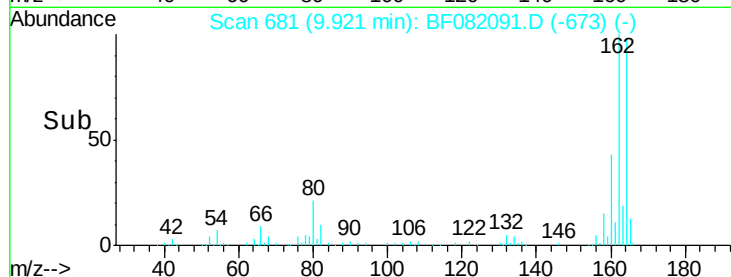


Abundance Ion 165.00 (164.70 to 165.70): E

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



#57

Fluorene

Concen: Below Cal

RT: 10.47 min Scan# 729

Delta R.T. -0.01 min

Lab File: BF082091.D

Acq: 6 Oct 2015 18:40

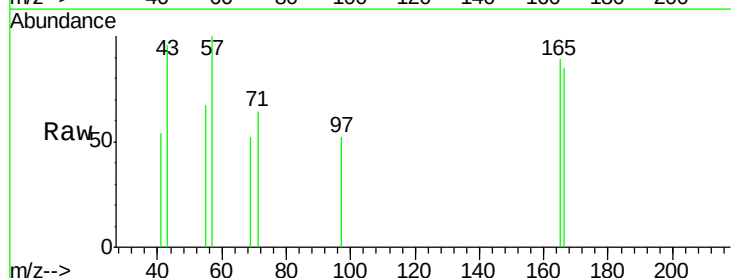
Tgt Ion:166 Resp: 579

Ion Ratio Lower Upper

166 100

165 104.9 72.6 109.0

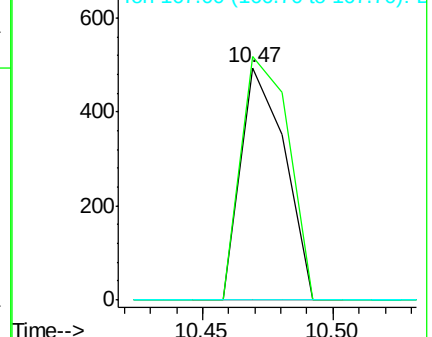
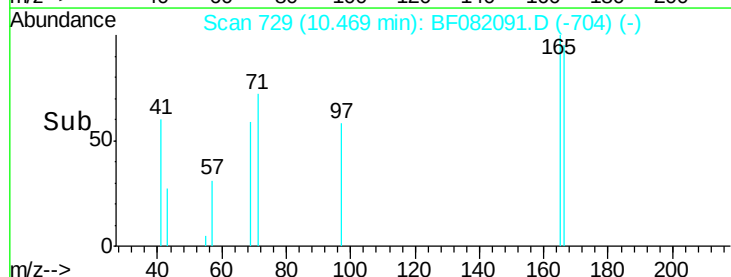
167 0.0 10.6 16.0#

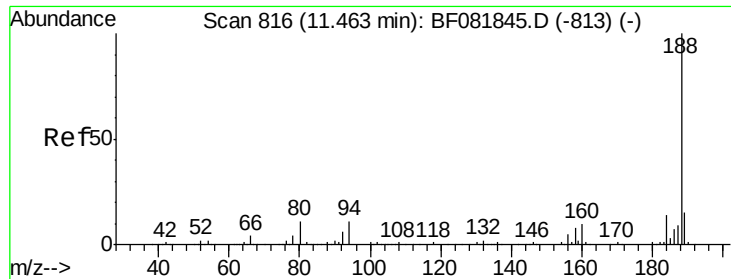


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

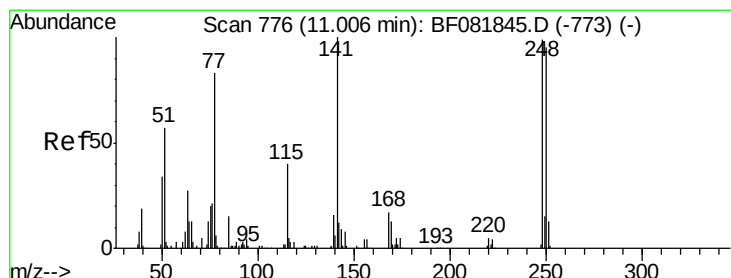
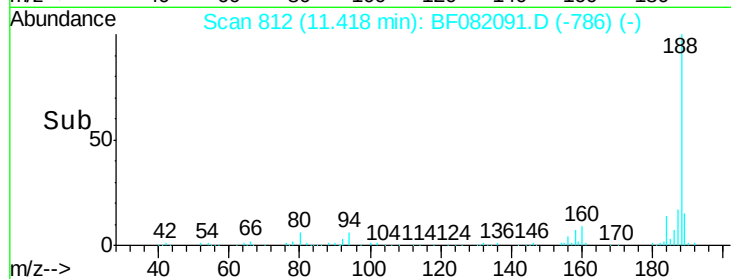
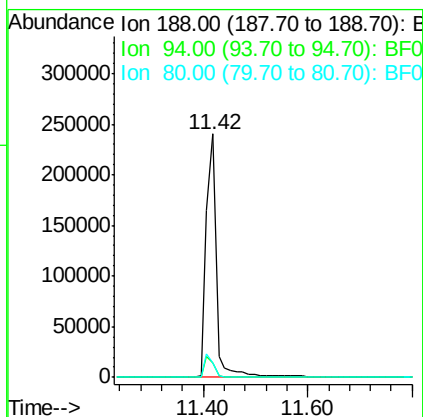
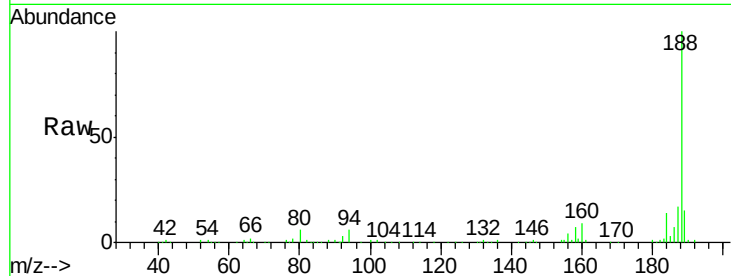




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.42 min Scan# 812
 Delta R.T. -0.00 min
 Lab File: BF082091.D
 Acq: 6 Oct 2015 18:40

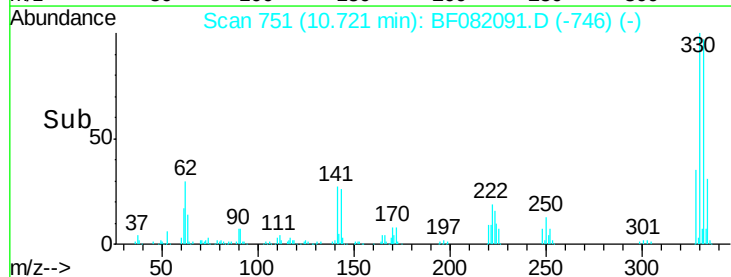
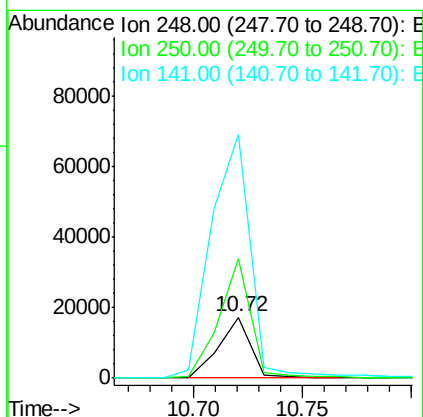
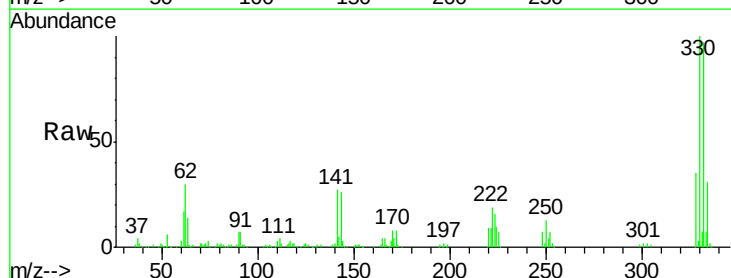
Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-01)

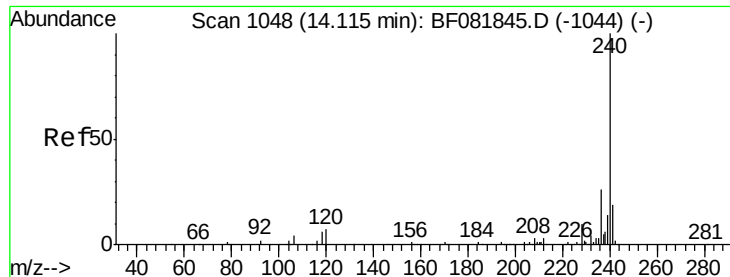
Tot Ion:188 Resp: 328320
 Ion Ratio Lower Upper
 188 100
 94 5.7 11.1 16.7#
 80 5.9 11.0 16.4#



#66
 4-Bromophenyl-phenylether
 Concen: 5.27 ng
 RT: 10.72 min Scan# 751
 Delta R.T. -0.24 min
 Lab File: BF082091.D
 Acq: 6 Oct 2015 18:40

Tgt Ion:248 Resp: 17447
 Ion Ratio Lower Upper
 248 100
 250 197.0 78.5 117.7#
 141 400.6 59.0 88.6#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.06 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF082091.D

Acq: 6 Oct 2015 18:40

Instrument :

BNA_F

ClientSampleId :

IM-MLA-(1.5-01)

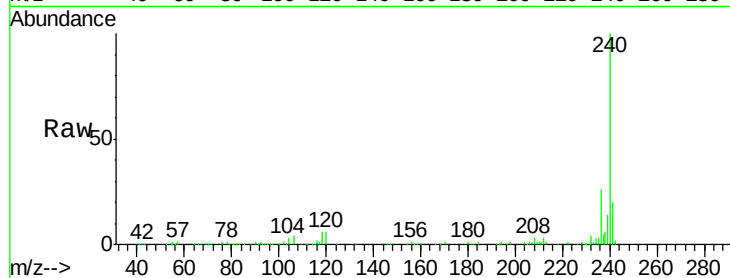
Tot Ion:240 Resp: 257301

Ion Ratio Lower Upper

240 100

120 6.5 16.2 24.2#

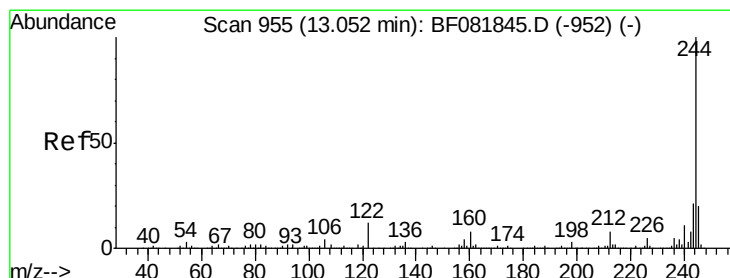
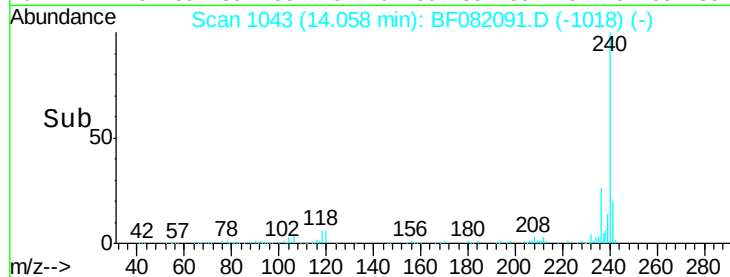
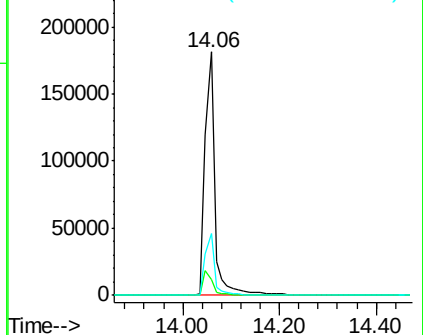
236 25.7 18.4 27.6



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: -20.00 ng

RT: 13.01 min Scan# 951

Delta R.T. -0.00 min

Lab File: BF082091.D

Acq: 6 Oct 2015 18:40

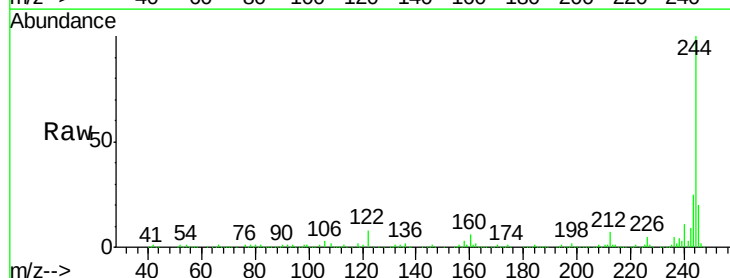
Tgt Ion:244 Resp: 1078716

Ion Ratio Lower Upper

244 100

212 7.3 4.3 6.5#

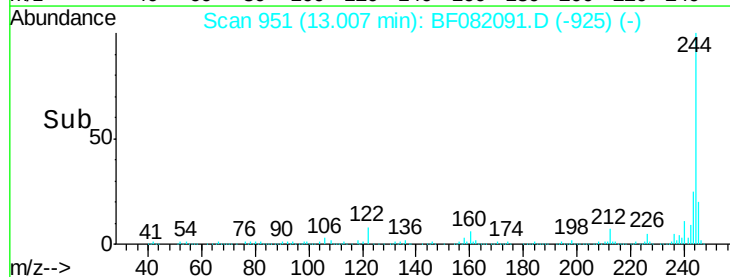
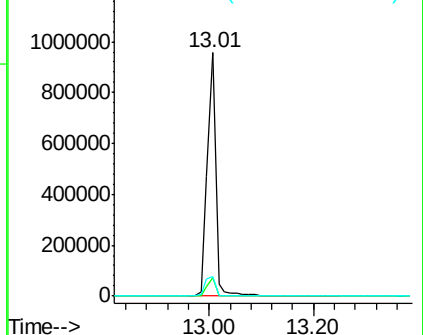
122 7.9 17.4 26.2#

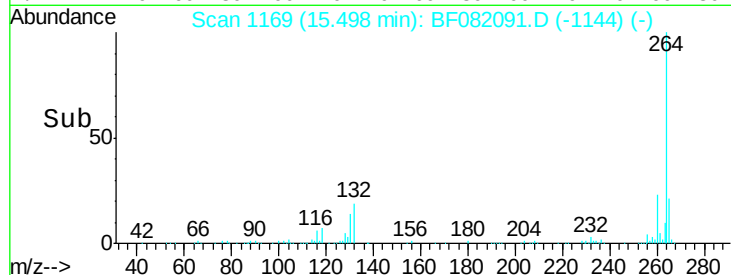
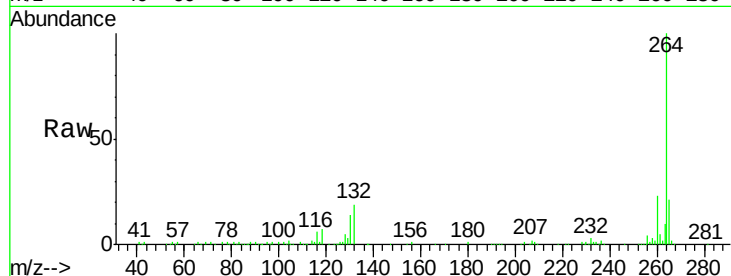
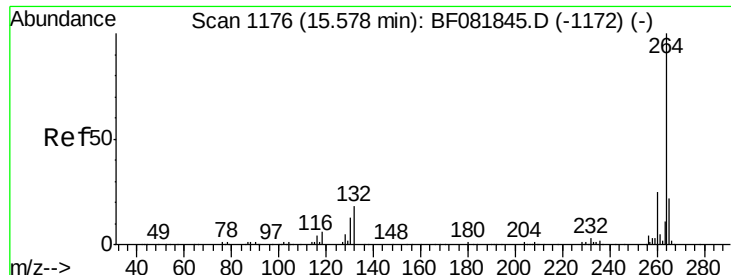


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.50 min Scan# 1169
 Delta R.T. -0.01 min
 Lab File: BF082091.D
 Acq: 6 Oct 2015 18:40

Instrument :
 BNA_F
 ClientSampleId :
 IM-MLA-(1.5-01)

Tot Ion:264	Resp:	226167
Ion Ratio	Lower	Upper
264	100	
260	22.5	16.7 25.1
265	21.5	17.2 25.8

