

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF100215\
 Data File : BF082031.D
 Acq On : 3 Oct 2015 19:56
 Operator : UM/IZ
 Sample : G3867-06
 Misc :
 ALS Vial : 51 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-6.5-7.0-092915

Quant Time: Oct 05 01:42:32 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF092815.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Sep 28 18:10:42 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.88	152	76832	20.00	ng	-0.06
21) Naphthalene-d8	8.17	136	327141	20.00	ng	-0.05
38) Acenaphthene-d10	9.93	164	167554	20.00	ng	-0.05
63) Phenanthrene-d10	11.42	188	325106	20.00	ng	-0.05
75) Chrysene-d12	14.07	240	300742	20.00	ng	-0.05
86) Perylene-d12	15.53	264	226970	20.00	ng	-0.05

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.47	112	600853	141.96	ng	-0.04
7) Phenol-d6	6.51	99	803510	150.87	ng	-0.05
23) Nitrobenzene-d5	7.45	82	487972	99.43	ng	-0.05
41) 2,4,6-Tribromophenol	10.73	330	265708	156.58	ng	-0.03
44) 2-Fluorobiphenyl	9.25	172	727384	70.23	ng	-0.06
78) Terphenyl-d14	13.02	244	847093	93.55	ng	-0.03

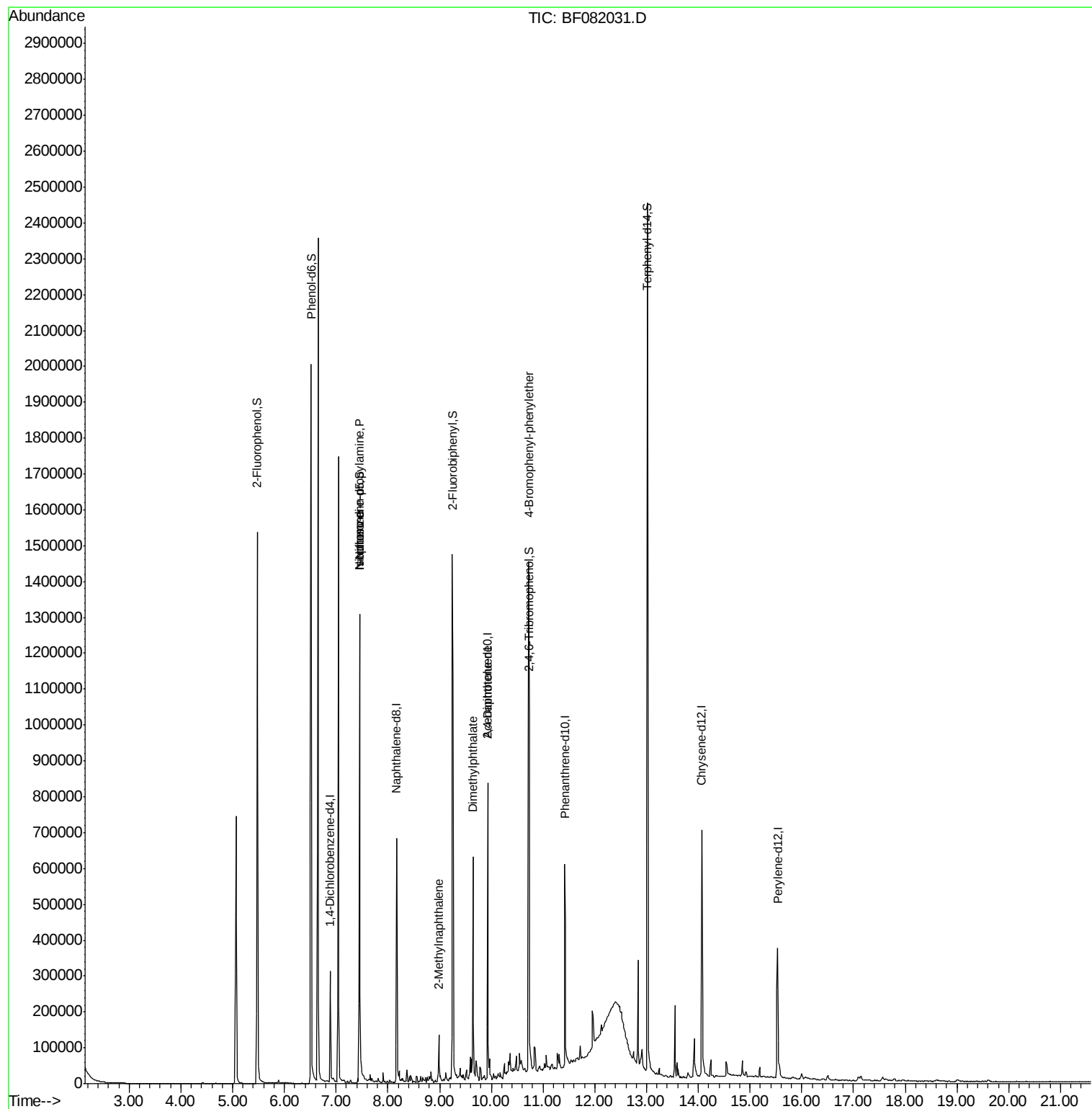
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
19) n-Nitroso-di-n-propylamine	7.45	70	63393	19.58	ng	# 58
25) Isophorone	7.45	82	409465	42.10	ng	# 58
37) 2-Methylnaphthalene	8.98	142	36399	3.68	ng	# 87
49) Dimethylphthalate	9.65	163	268313	23.20	ng	# 98
56) 2,4-Dinitrotoluene	9.93	165	22192	6.93	ng	# 34
57) Fluorene	10.48	166	14127	Below Cal		90
66) 4-Bromophenyl-phenylether	10.72	248	16312	4.98	ng	# 1
70) Phenanthrene	11.45	178	4048	Below Cal		# 77
73) Di-n-butylphthalate	11.99	149	3989	Below Cal		# 86

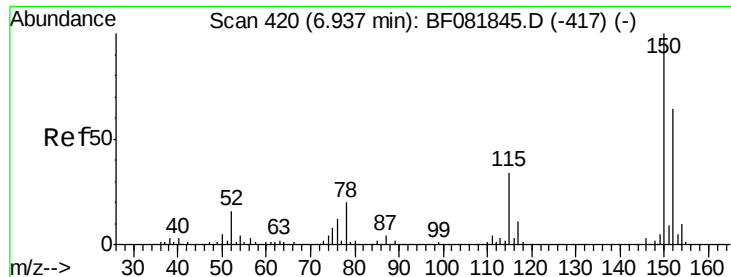
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.88 min Scan# 415

Delta R.T. -0.06 min

Lab File: BF082031.D

Acq: 3 Oct 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SB-06-6.5-7.0-092915

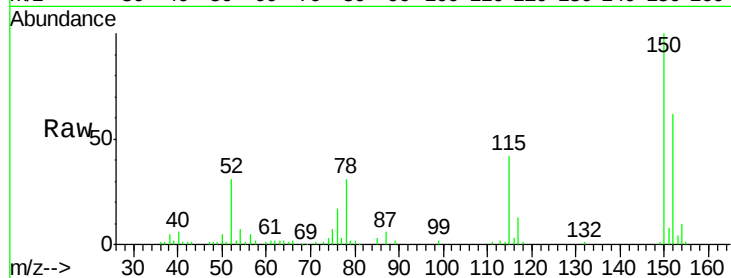
Tgt Ion:152 Resp: 76832

Ion Ratio Lower Upper

152 100

150 160.6 124.7 187.1

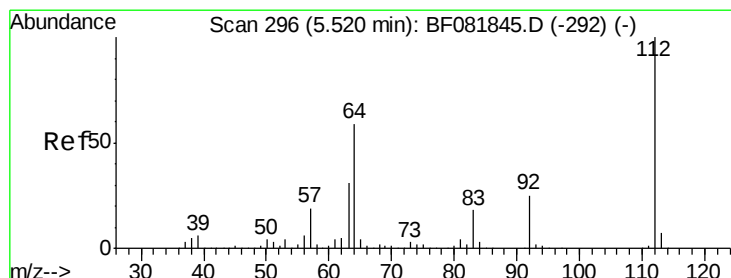
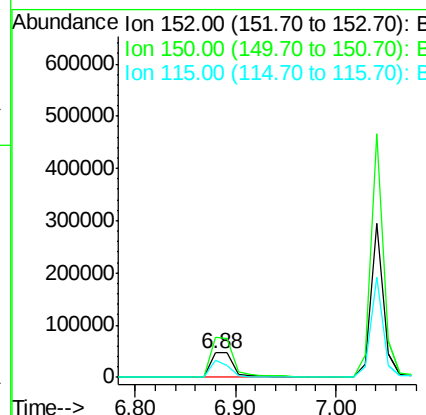
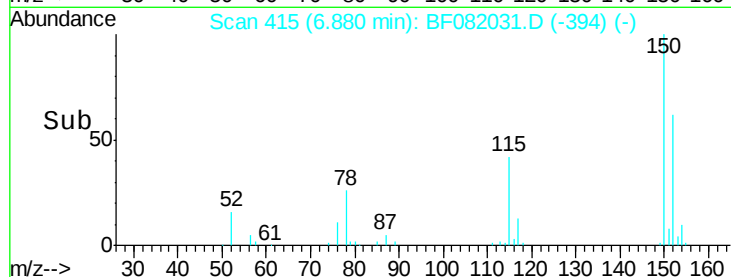
115 66.9 39.0 58.4#



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: 141.96 ng

RT: 5.47 min Scan# 292

Delta R.T. -0.04 min

Lab File: BF082031.D

Acq: 3 Oct 2015 19:56

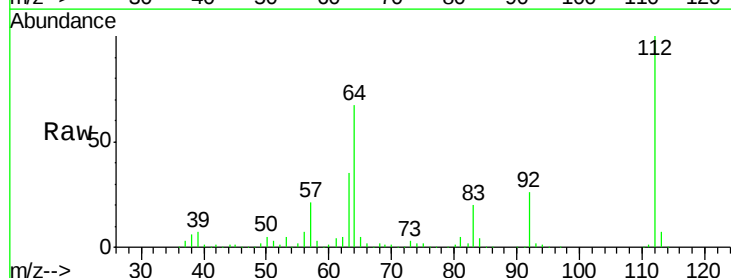
Tgt Ion:112 Resp: 600853

Ion Ratio Lower Upper

112 100

64 66.8 39.7 59.5#

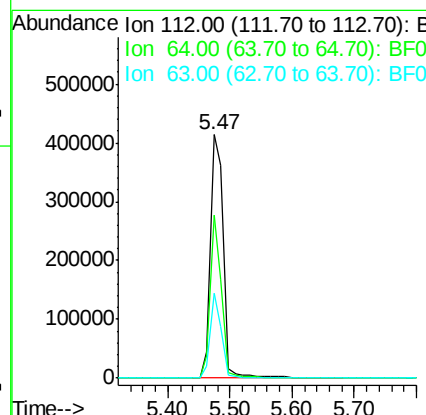
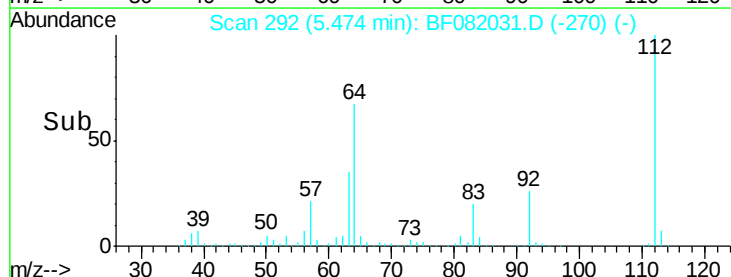
63 34.9 17.4 26.0#

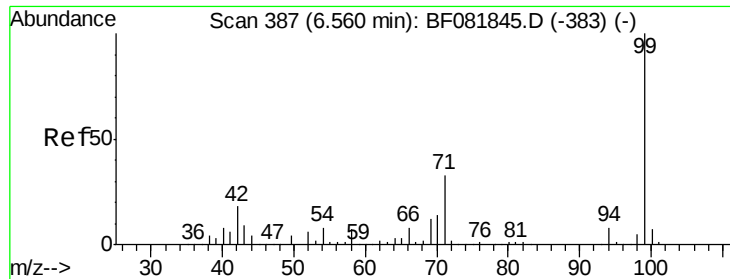


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 150.87 ng

RT: 6.51 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF082031.D

Acq: 3 Oct 2015 19:56

Instrument :

BNA_F

ClientSampleId :

SB-06-6.5-7.0-092915

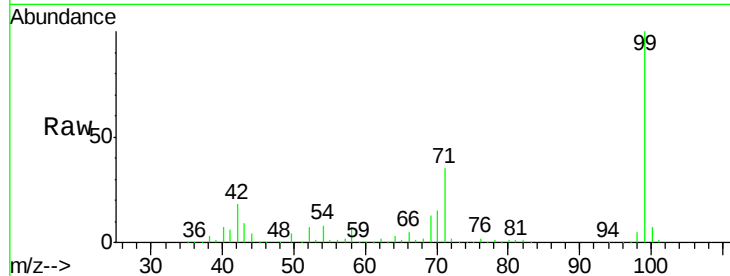
Tgt Ion: 99 Resp: 803510

Ion Ratio Lower Upper

99 100

42 18.3 13.7 20.5

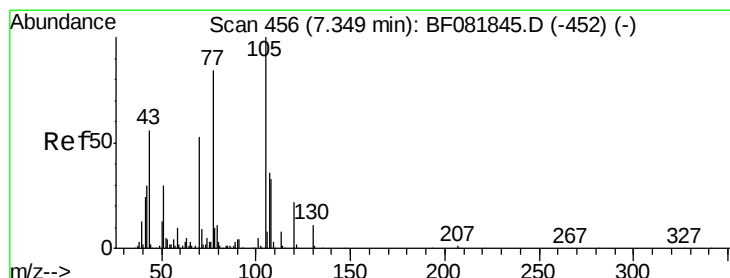
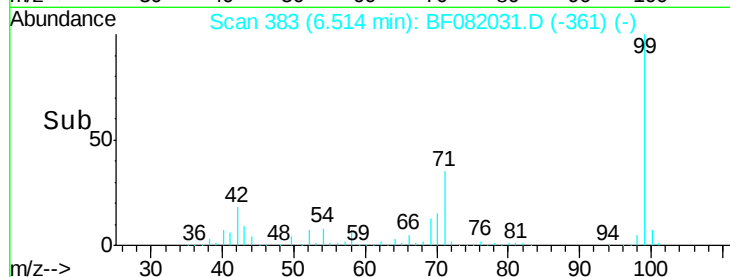
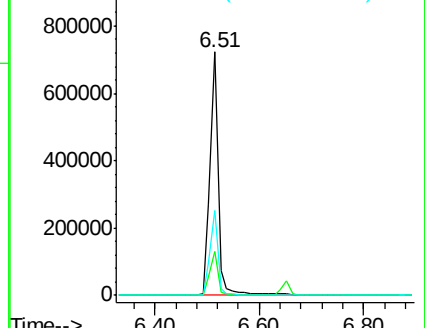
71 34.7 14.2 21.2#



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



#19

n-Nitroso-di-n-propylamine

Concen: 19.58 ng

RT: 7.45 min Scan# 465

Delta R.T. 0.10 min

Lab File: BF082031.D

Acq: 3 Oct 2015 19:56

Tgt Ion: 70 Resp: 63393

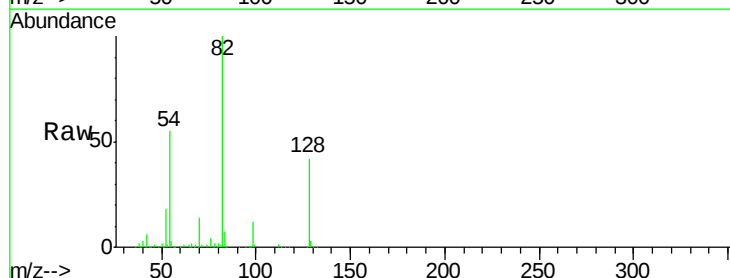
Ion Ratio Lower Upper

70 100

42 46.4 63.8 95.6#

101 0.0 9.2 13.8#

130 2.2 27.3 40.9#

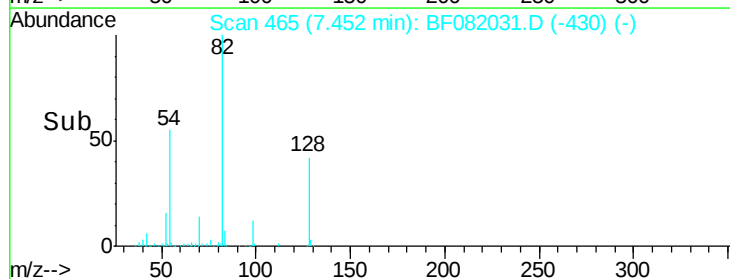
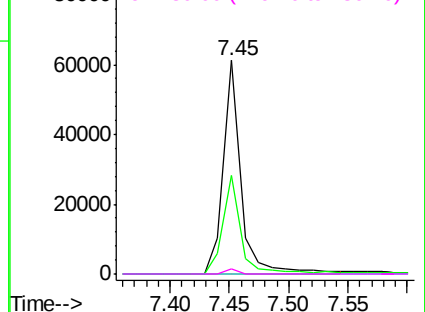


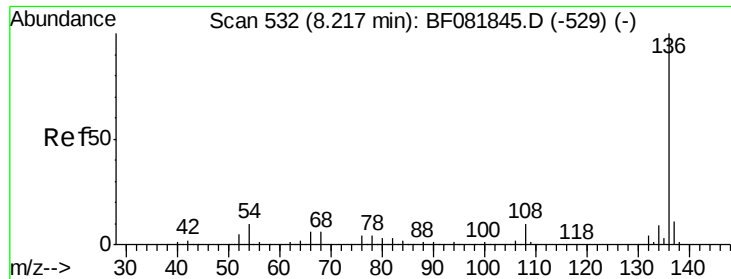
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

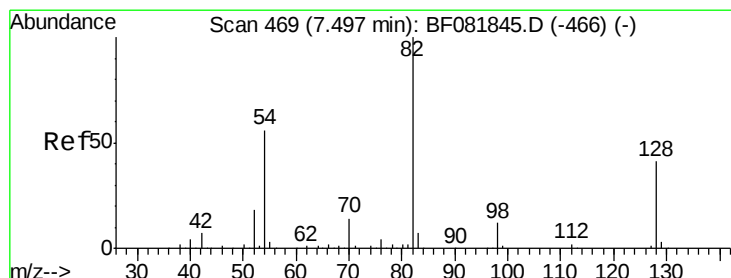
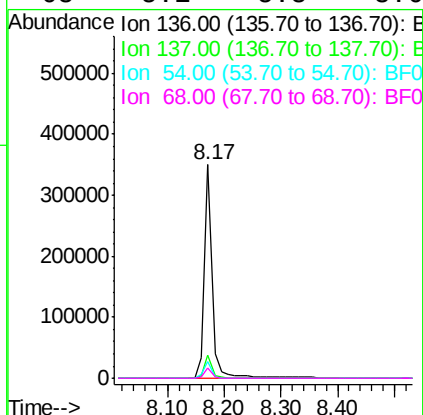
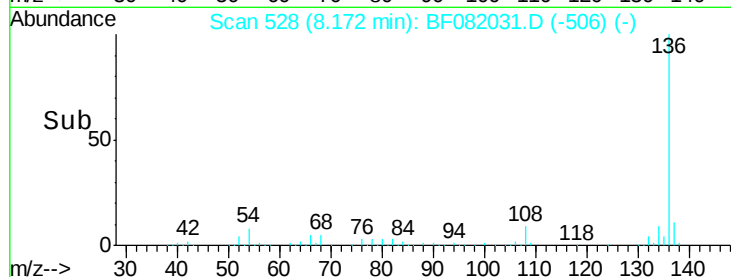
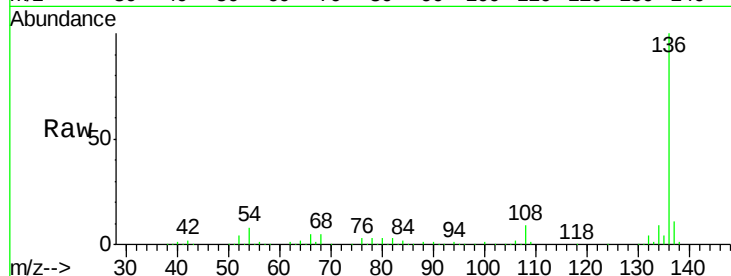




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 528
Delta R.T. -0.05 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

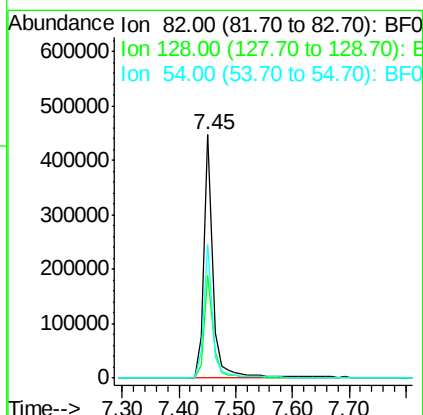
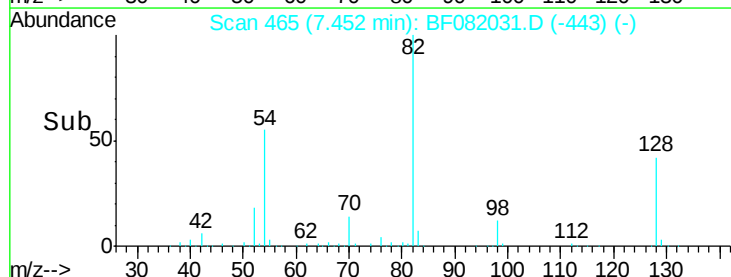
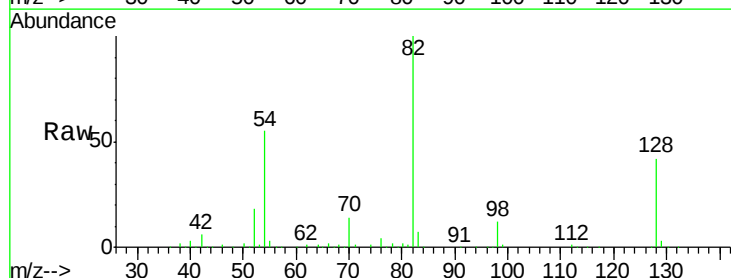
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SB-06-6.5-7.0-092915

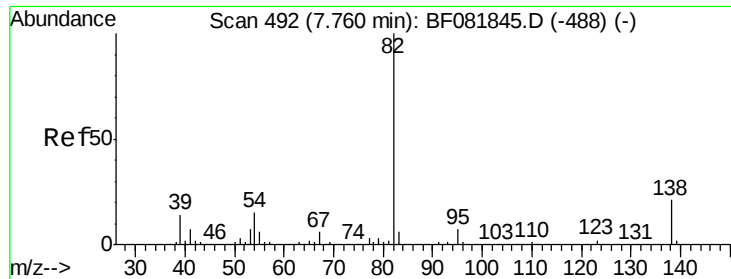
Tgt Ion:	136	Resp:	327141
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	7.8	8.2	12.2#
68	5.1	5.8	8.6#



#23
Nitrobenzene-d5
Concen: 99.43 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.05 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Tgt Ion:	82	Resp:	487972
Ion	Ratio	Lower	Upper
82	100		
128	42.5	51.0	76.6#
54	54.9	47.5	71.3

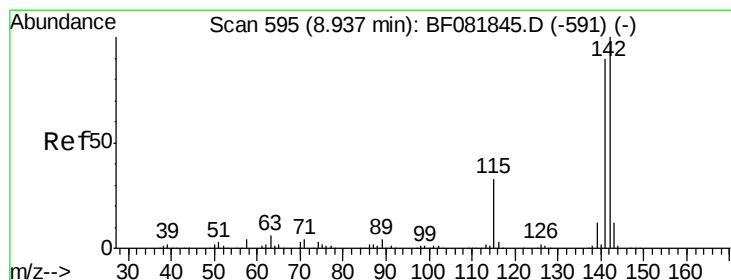
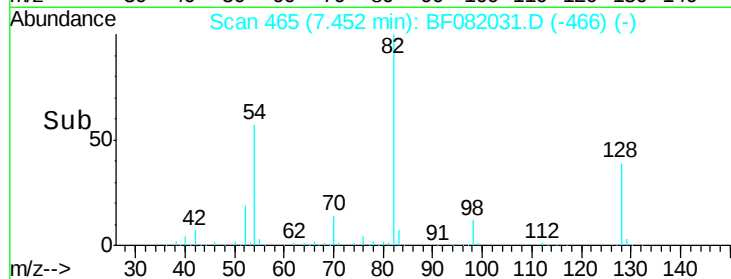
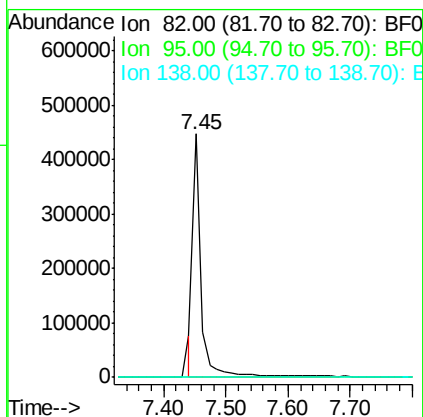
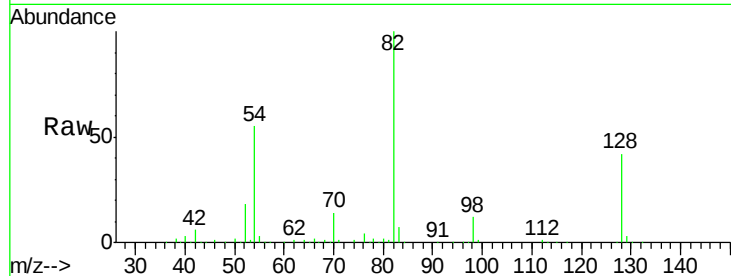




#25
Isophorone
Concen: 42.10 ng
RT: 7.45 min Scan# 465
Delta R.T. -0.31 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

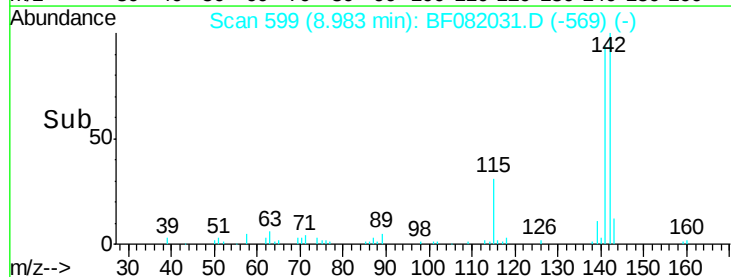
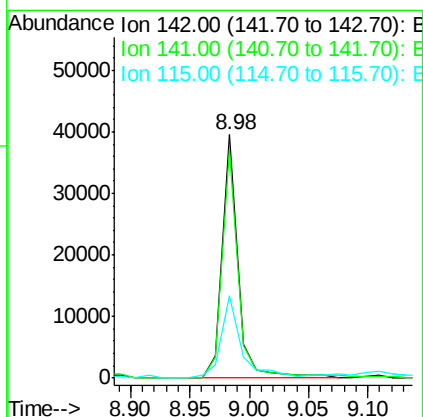
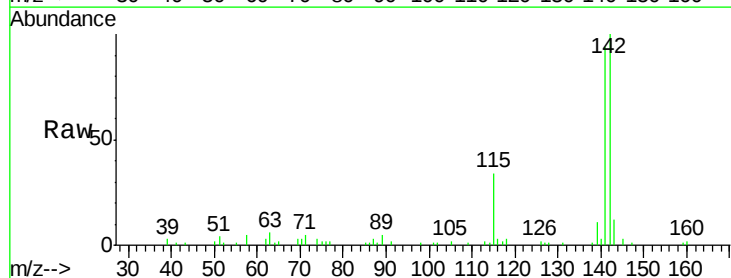
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BNA_F
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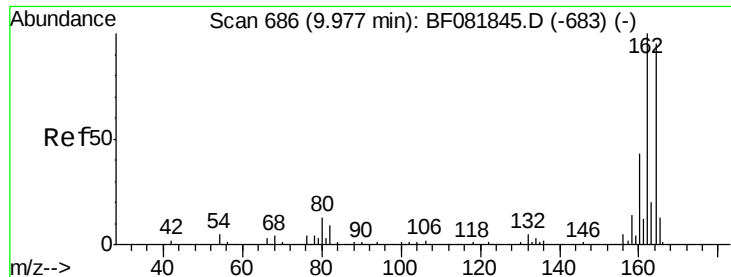
Tgt Ion: 82 Resp: 409465
Ion Ratio Lower Upper
82 100
95 0.0 4.0 6.0#
138 0.0 18.3 27.5#



#37
2-Methylnaphthalene
Concen: 3.68 ng
RT: 8.98 min Scan# 599
Delta R.T. 0.05 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Tgt Ion: 142 Resp: 36399
Ion Ratio Lower Upper
142 100
141 93.7 67.5 101.3
115 33.8 18.2 27.2#

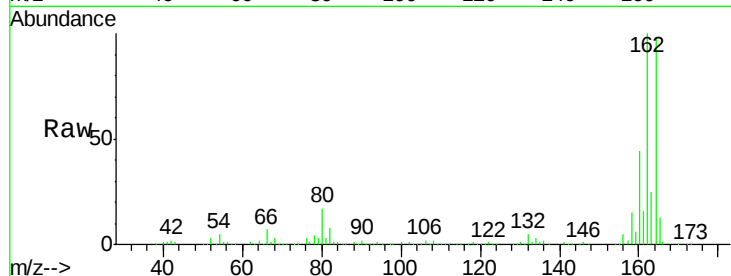




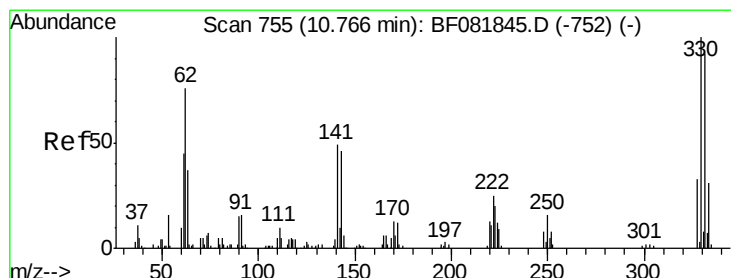
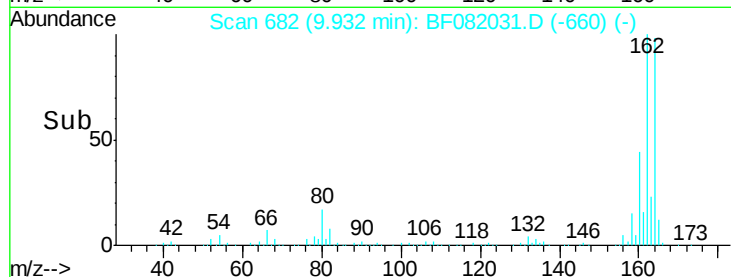
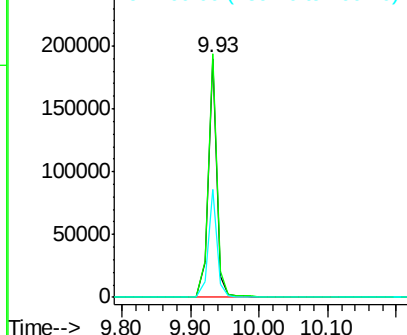
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.93 min Scan# 682
 Delta R.T. -0.05 min
 Lab File: BF082031.D
 Acq: 3 Oct 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-6.5-7.0-092915

Tgt Ion:164 Resp: 167554
 Ion Ratio Lower Upper
 164 100
 162 101.8 75.2 112.8
 160 44.9 31.5 47.3

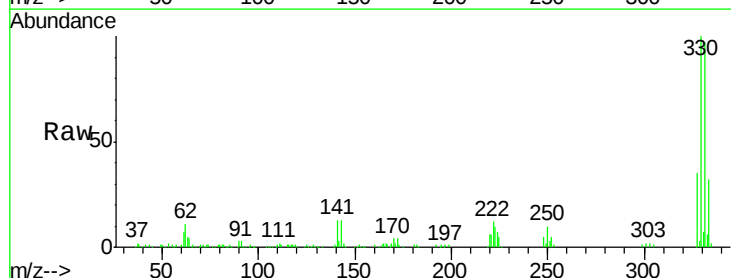


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

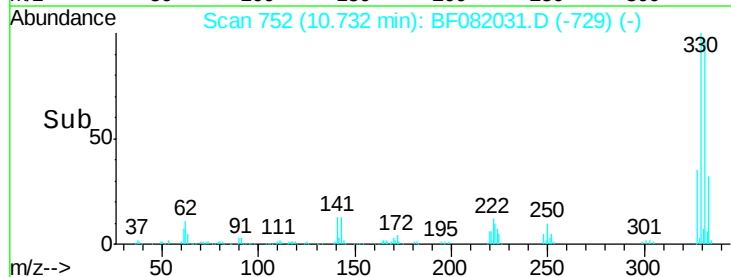
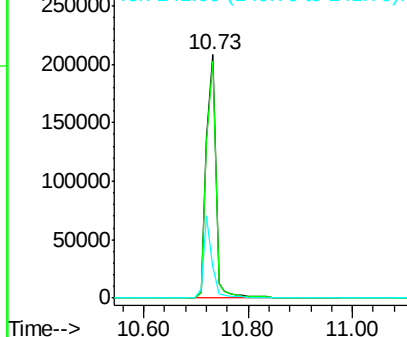


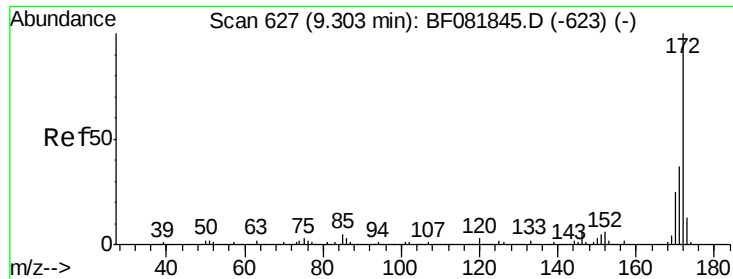
#41
 2,4,6-Tribromophenol
 Concen: 156.58 ng
 RT: 10.73 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF082031.D
 Acq: 3 Oct 2015 19:56

Tgt Ion:330 Resp: 265708
 Ion Ratio Lower Upper
 330 100
 332 97.0 76.6 114.8
 141 30.2 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

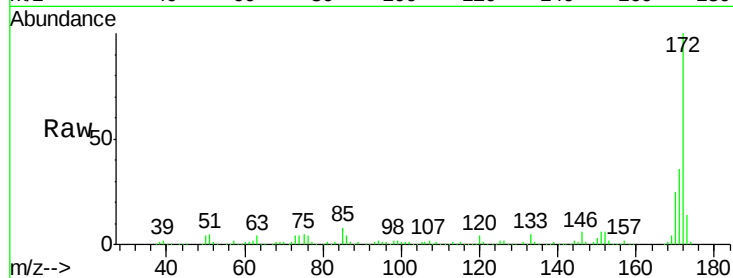




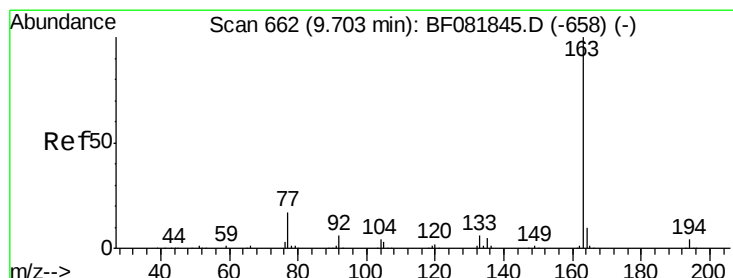
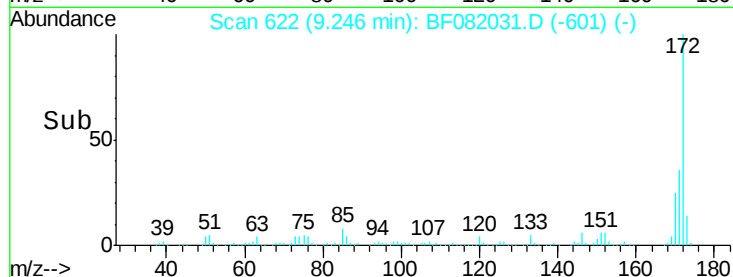
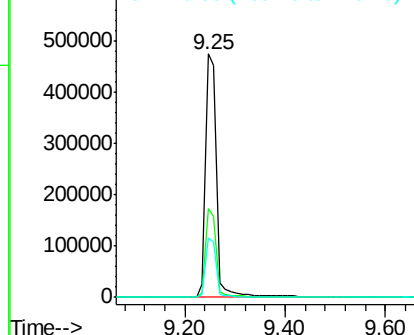
#44
 2-Fluorobiphenyl
 Concen: 70.23 ng
 RT: 9.25 min Scan# 622
 Delta R.T. -0.06 min
 Lab File: BF082031.D
 Acq: 3 Oct 2015 19:56

Instrument :
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 SB-06-6.5-7.0-092915

Tgt Ion:172 Resp: 727384
 Ion Ratio Lower Upper
 172 100
 171 36.4 26.1 39.1
 170 24.5 17.4 26.2

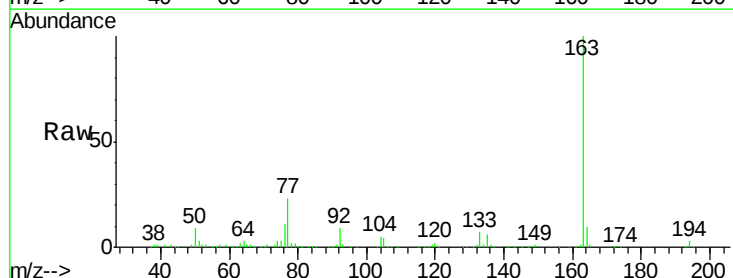


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

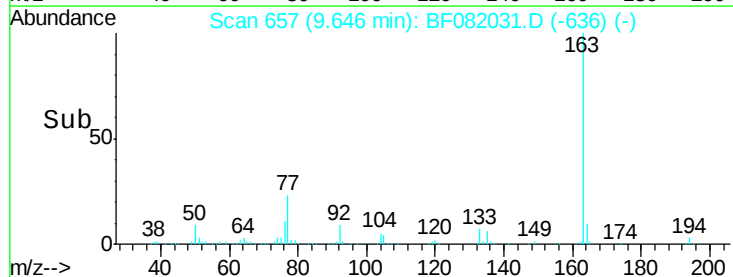
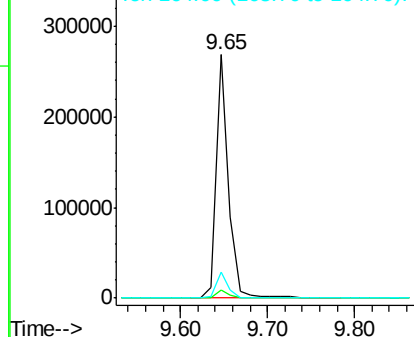


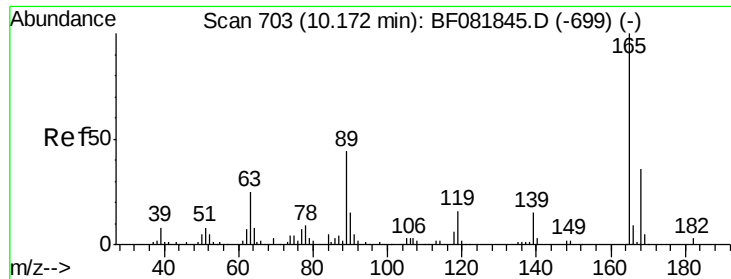
#49
 Dimethylphthalate
 Concen: 23.20 ng
 RT: 9.65 min Scan# 657
 Delta R.T. -0.06 min
 Lab File: BF082031.D
 Acq: 3 Oct 2015 19:56

Tgt Ion:163 Resp: 268313
 Ion Ratio Lower Upper
 163 100
 194 3.2 4.4 6.6#
 164 10.4 8.3 12.5



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

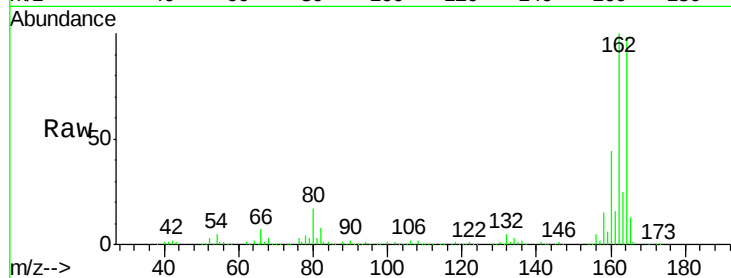




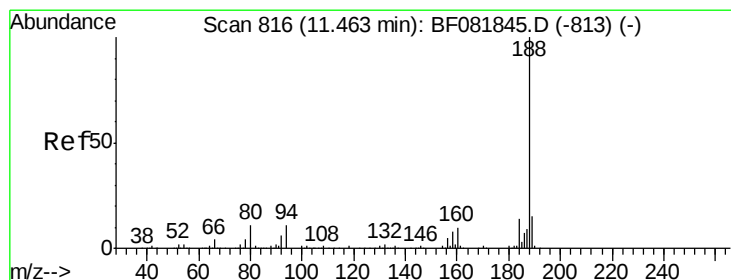
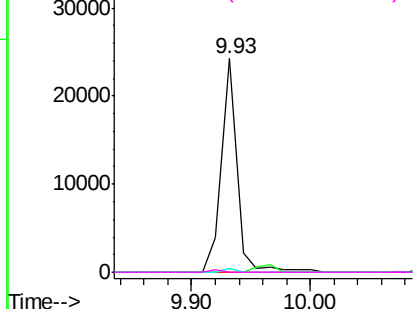
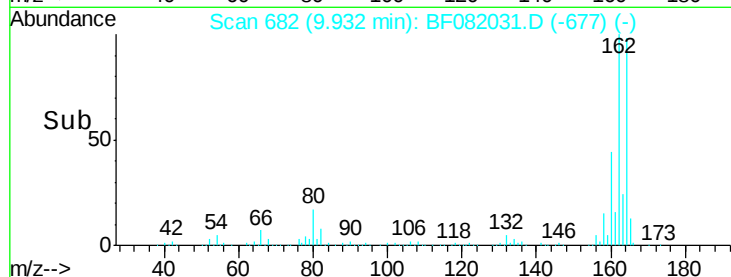
#56
2,4-Dinitrotoluene
Concen: 6.93 ng
RT: 9.93 min Scan# 682
Delta R.T. -0.24 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SB-06-6.5-7.0-092915

Tgt Ion:165 Resp: 22192
Ion Ratio Lower Upper
165 100
63 1.5 29.8 44.6#
89 1.6 44.5 66.7#
182 0.0 3.0 4.4#

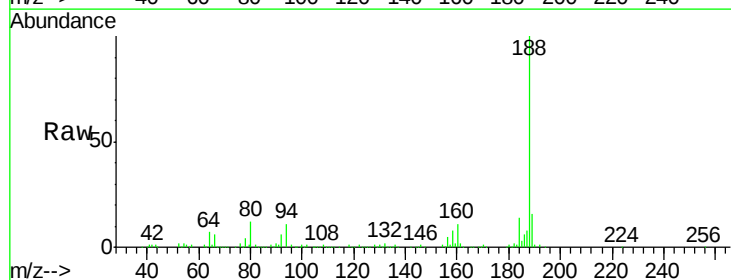


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

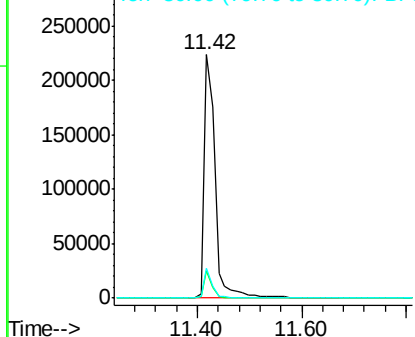
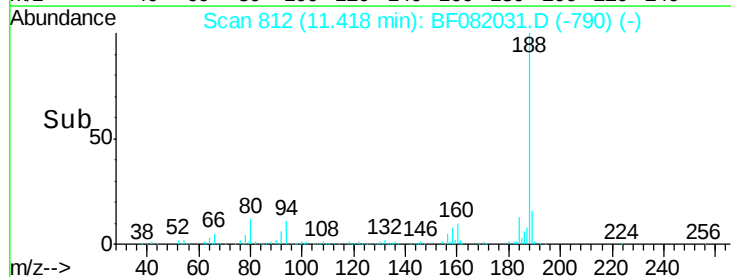


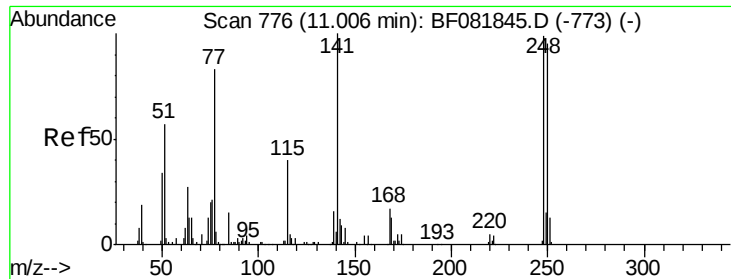
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.42 min Scan# 812
Delta R.T. -0.05 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Tgt Ion:188 Resp: 325106
Ion Ratio Lower Upper
188 100
94 11.2 11.1 16.7
80 12.3 11.0 16.4



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

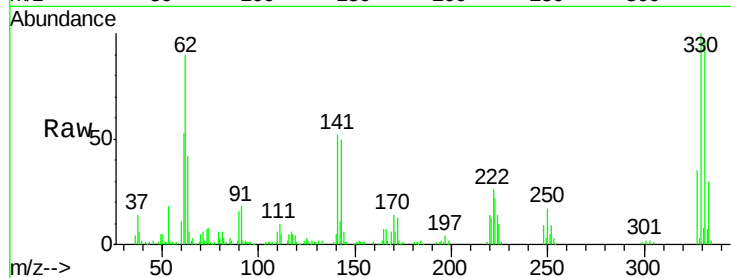




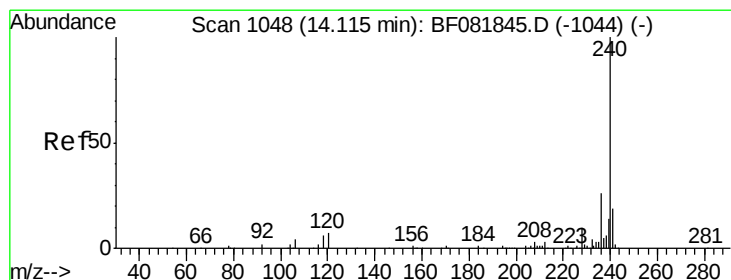
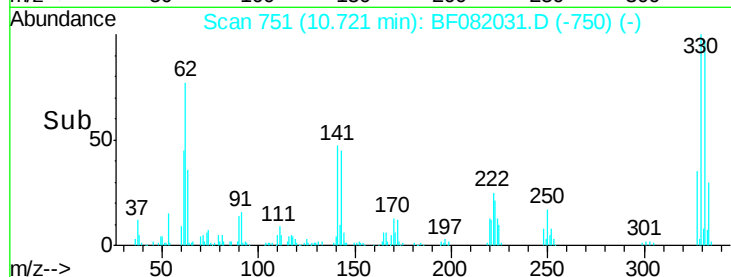
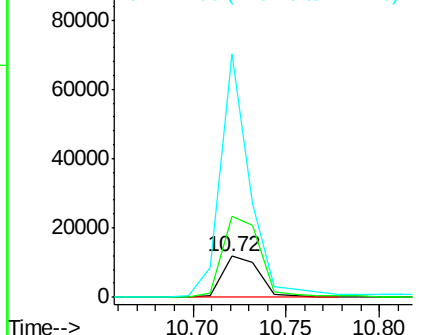
#66
4-Bromophenyl-phenylether
Concen: 4.98 ng
RT: 10.72 min Scan# 751
Delta R.T. -0.29 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Instrument :
BNA_F
ClientSampleId :
SB-06-6.5-7.0-092915

Tgt Ion:248 Resp: 16312
Ion Ratio Lower Upper
248 100
250 197.8 78.5 117.7#
141 594.9 59.0 88.6#

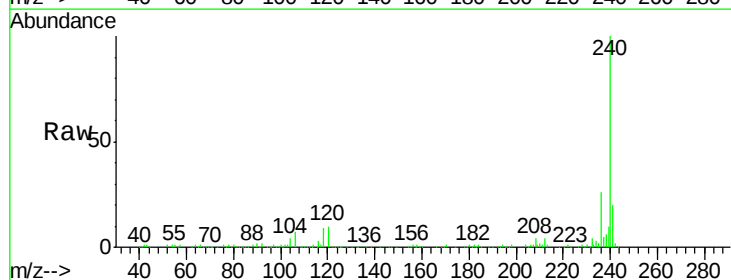


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

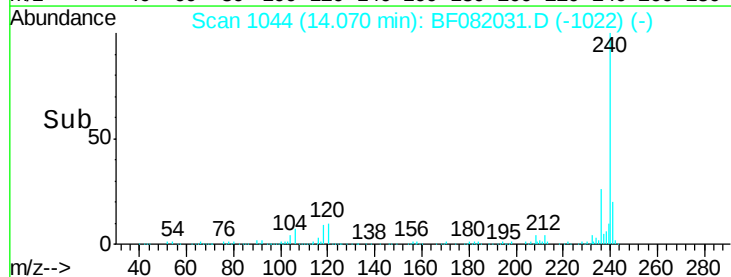
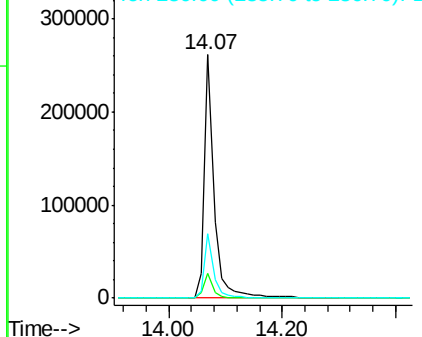


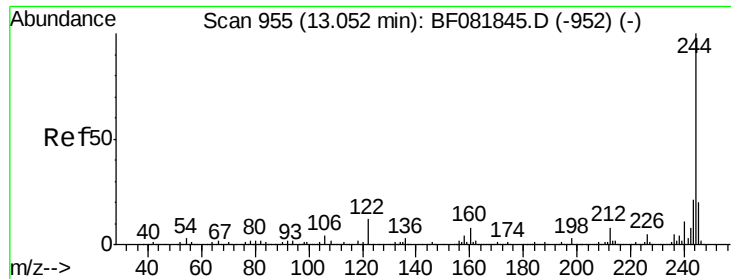
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.07 min Scan# 1044
Delta R.T. -0.05 min
Lab File: BF082031.D
Acq: 3 Oct 2015 19:56

Tgt Ion:240 Resp: 300742
Ion Ratio Lower Upper
240 100
120 10.3 16.2 24.2#
236 26.2 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

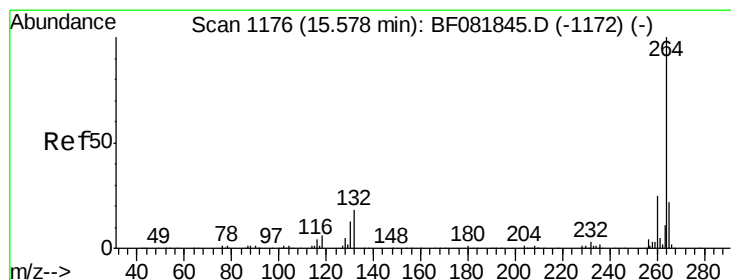
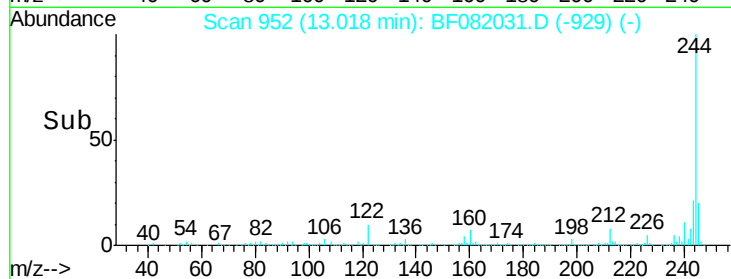
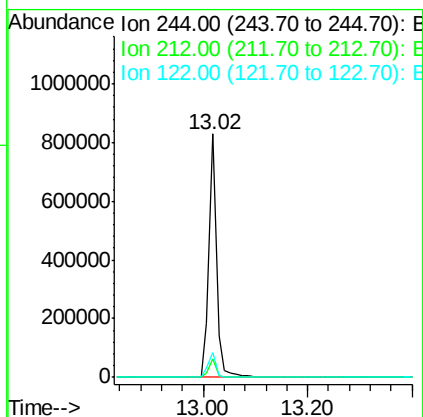
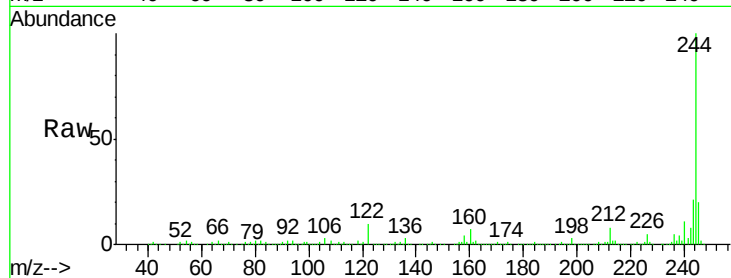




#78
 Terphenyl-d14
 Concen: 93.55 ng
 RT: 13.02 min Scan# 952
 Delta R.T. -0.03 min
 Lab File: BF082031.D
 Acq: 3 Oct 2015 19:56

Instrument :
 BNA_F
 ClientSampleId :
 SB-06-6.5-7.0-092915

Tgt Ion:244 Resp: 847093
 Ion Ratio Lower Upper
 244 100
 212 7.7 4.3 6.5#
 122 10.4 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1172
 Delta R.T. -0.05 min
 Lab File: BF082031.D
 Acq: 3 Oct 2015 19:56

Tgt Ion:264 Resp: 226970
 Ion Ratio Lower Upper
 264 100
 260 23.6 16.7 25.1
 265 21.6 17.2 25.8

