

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062415\
 Data File : BF080131.D
 Acq On : 24 Jun 2015 14:45
 Operator : TP/IZ
 Sample : G2758-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLEAST-062315

Quant Time: Jun 25 00:58:11 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 00:52:28 2015
 Response via : Initial Calibration

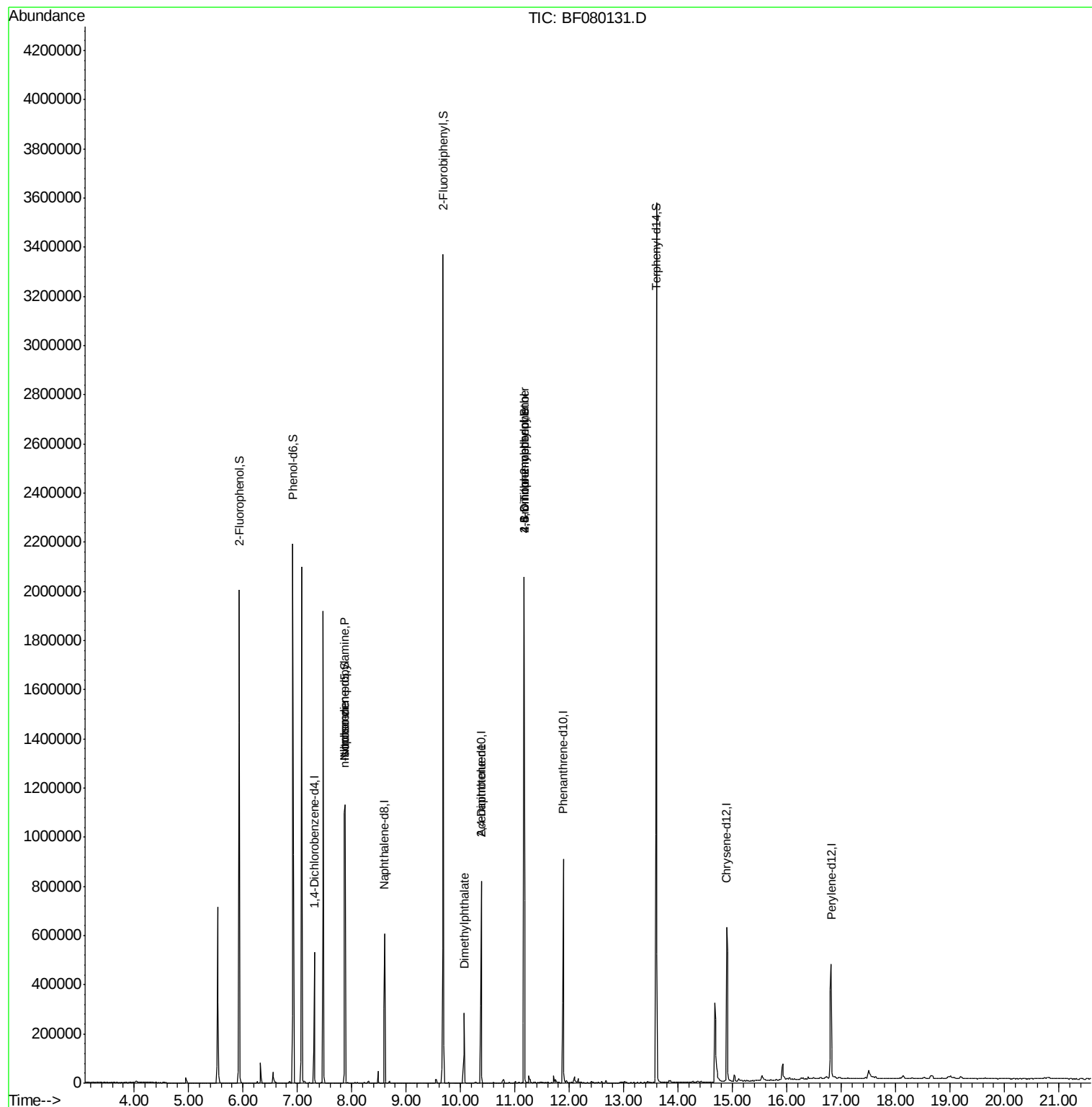
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.32	152	80022	20.00	ng	0.00
21) Naphthalene-d8	8.61	136	313421	20.00	ng	0.00
38) Acenaphthene-d10	10.38	164	174068	20.00	ng	0.00
63) Phenanthrene-d10	11.89	188	358079	20.00	ng	0.00
75) Chrysene-d12	14.89	240	344396	20.00	ng	-0.03
86) Perylene-d12	16.81	264	293394	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.93	112	706465	156.28	ng	0.01
7) Phenol-d6	6.92	99	859206	142.83	ng	0.00
23) Nitrobenzene-d5	7.88	82	542047	100.68	ng	0.00
41) 2,4,6-Tribromophenol	11.17	330	264371	155.32	ng	0.00
44) 2-Fluorobiphenyl	9.68	172	929528	76.15	ng	0.00
78) Terphenyl-d14	13.60	244	1234175	83.69	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.86	70	70660	16.92	ng	# 63
25) Isophorone	7.88	82	533297	49.22	ng	# 58
49) Dimethylphthalate	10.07	163	134476	10.28	ng	# 97
56) 2,4-Dinitrotoluene	10.38	165	22694	6.82	ng	# 34
64) 4,6-Dinitro-2-methylphenol	11.17	198	446	3.78	ng	# 1
66) 4-Bromophenyl-phenylether	11.17	248	18594	4.88	ng	# 1

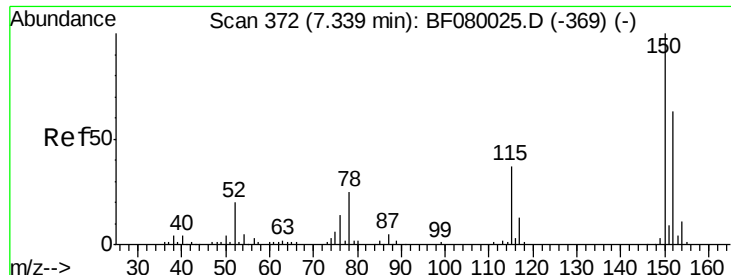
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Jun 25 00:52:28 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.32 min Scan# 370

Delta R.T. -0.00 min

Lab File: BF080131.D

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Instrument :

BNA_F

ClientSampleId :

SIDEWALLEAST-062315

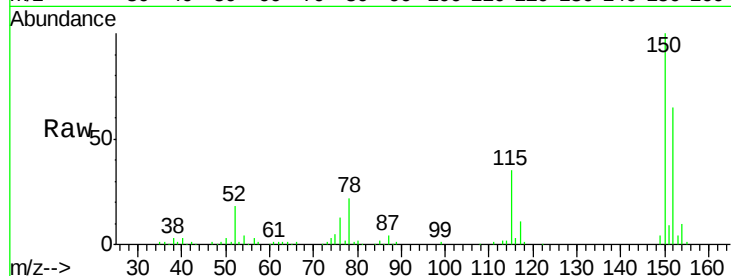
Tgt Ion:152 Resp: 80022

Ion Ratio Lower Upper

152 100

150 154.0 124.7 187.1

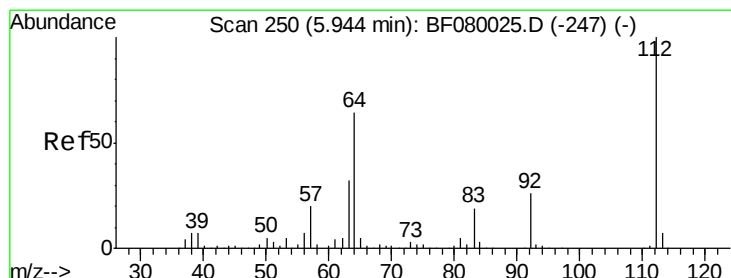
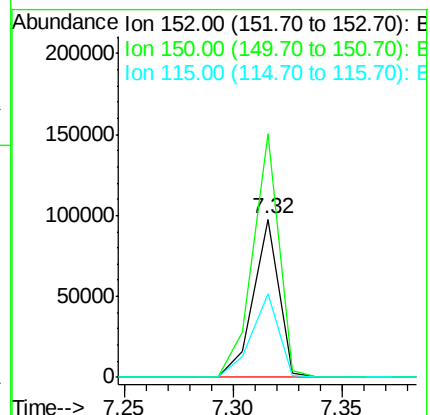
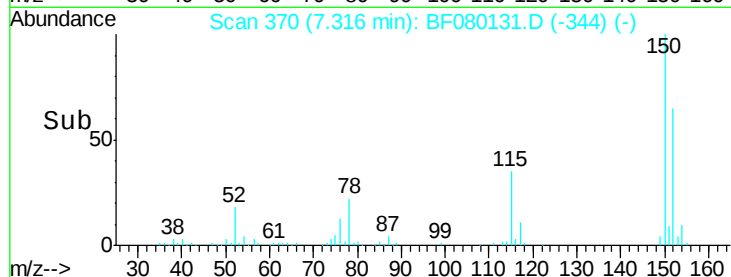
115 53.2 39.0 58.4



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: 156.28 ng

RT: 5.93 min Scan# 249

Delta R.T. 0.01 min

Lab File: BF080131.D

Acq: 24 Jun 2015 14:45

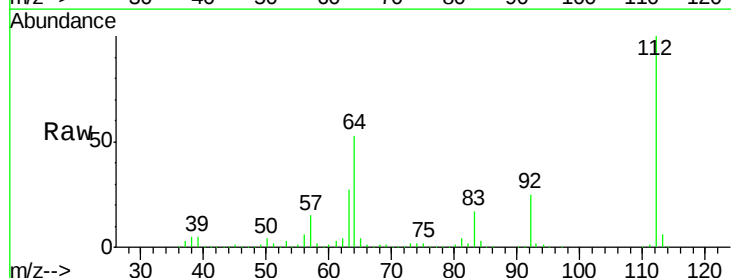
Tgt Ion:112 Resp: 706465

Ion Ratio Lower Upper

112 100

64 52.9 39.7 59.5

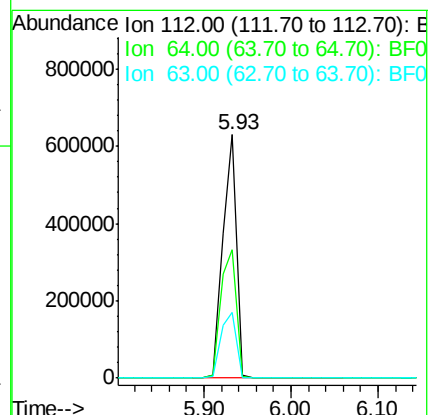
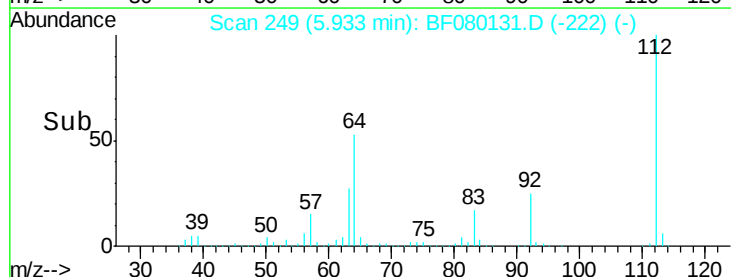
63 26.8 17.4 26.0#

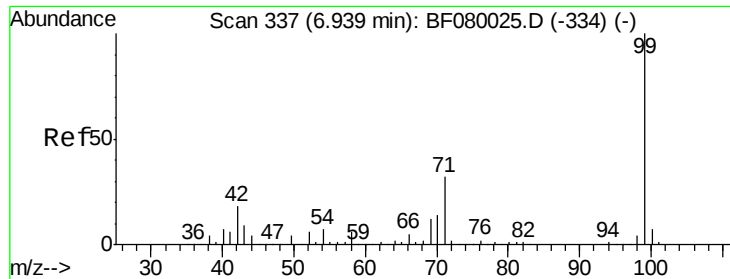


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 142.83 ng

RT: 6.92 min Scan# 335

Delta R.T. -0.00 min

Lab File: BF080131.D

Acq: 24 Jun 2015 14:45

Instrument :

BNA_F

ClientSampleId :

SIDEWALLEAST-062315

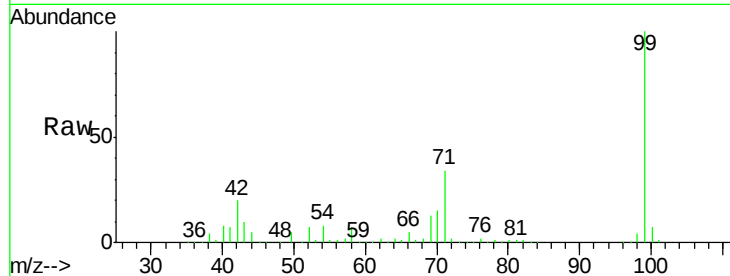
Tgt Ion: 99 Resp: 859206

Ion Ratio Lower Upper

99 100

42 20.1 13.7 20.5

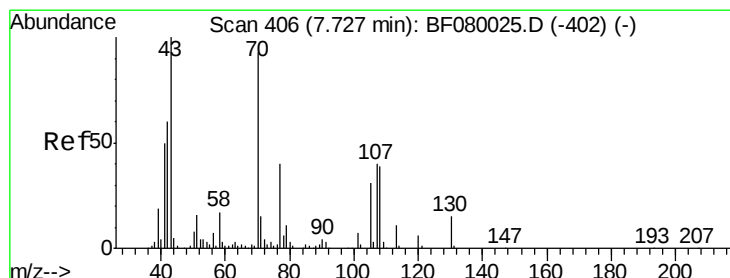
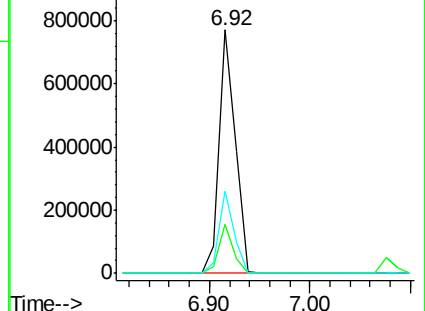
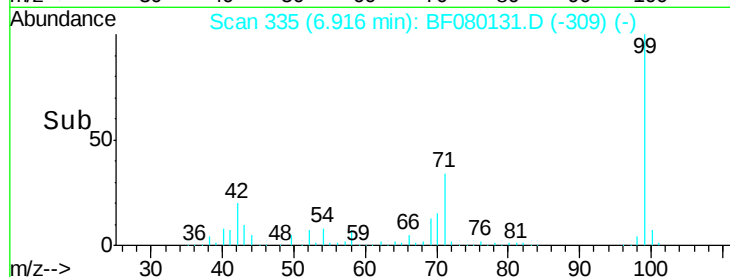
71 33.9 14.2 21.2#



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: 16.92 ng

RT: 7.86 min Scan# 418

Delta R.T. 0.16 min

Lab File: BF080131.D

Acq: 24 Jun 2015 14:45

Tgt Ion: 70 Resp: 70660

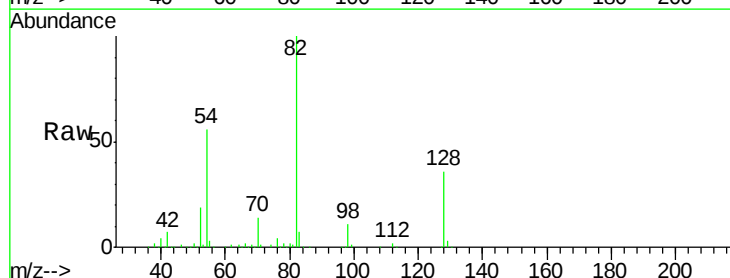
Ion Ratio Lower Upper

70 100

42 53.3 63.8 95.6#

101 0.0 9.2 13.8#

130 1.8 27.3 40.9#

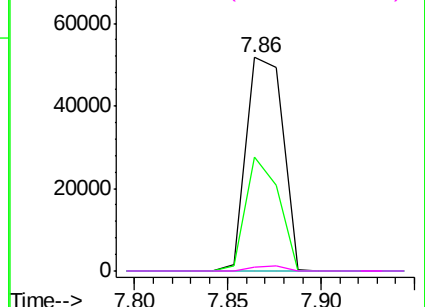
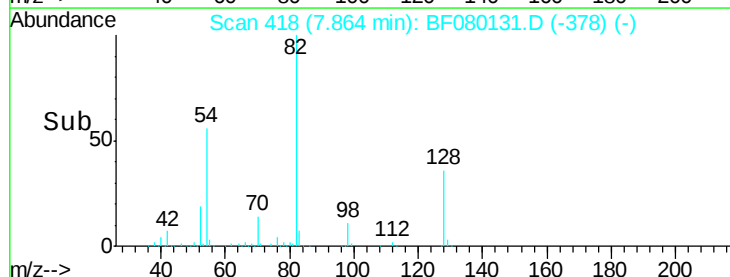


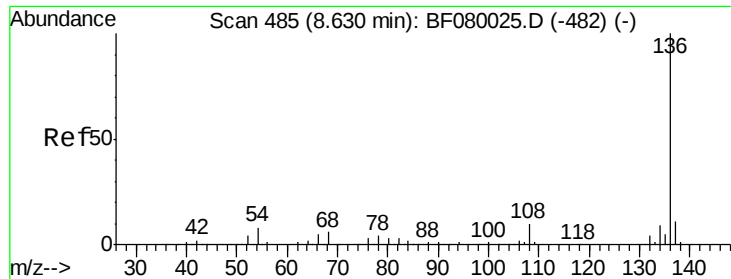
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

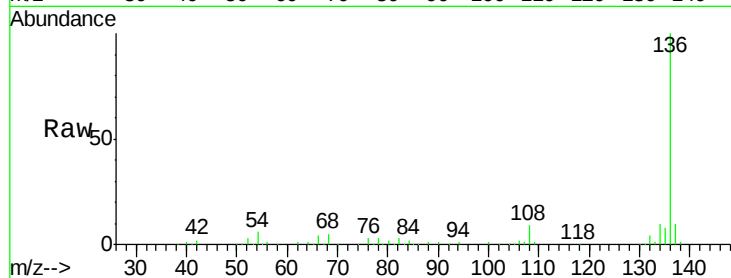




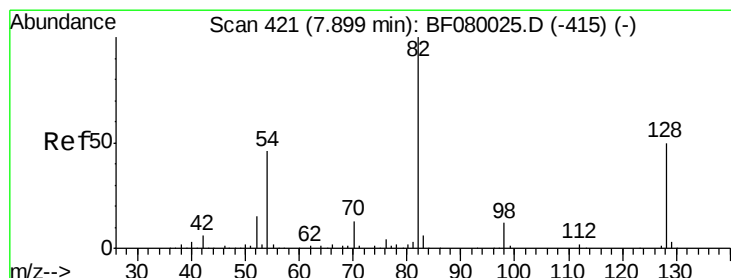
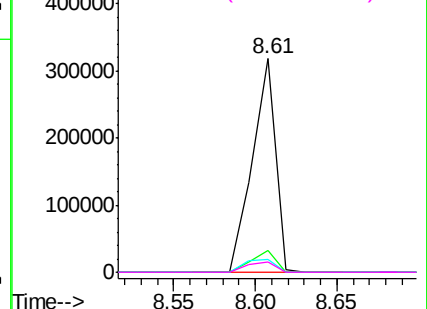
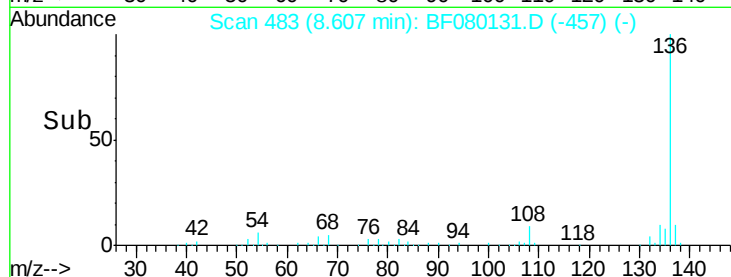
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.61 min Scan# 483
Delta R.T. -0.00 min
Lab File: BF080131.D
Acq: 24 Jun 2015 14:45

Instrument :
BNA_F
ClientSampleId :
SIDEWALLEAST-062315

Tgt Ion: 136 Resp: 313421
Ion Ratio Lower Upper
136 100
137 10.4 9.0 13.6
54 6.1 8.2 12.2#
68 4.8 5.8 8.6#

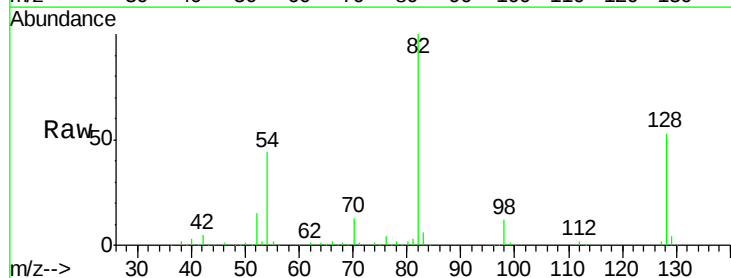


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

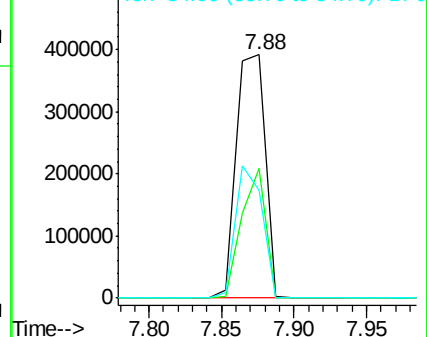
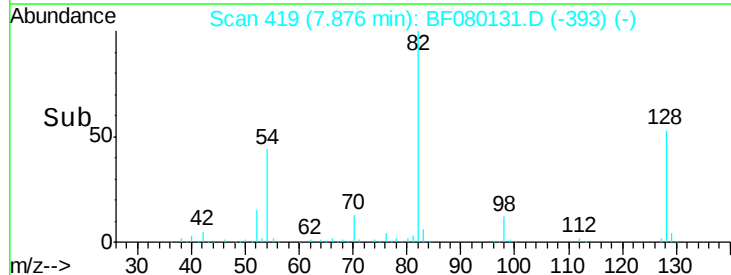


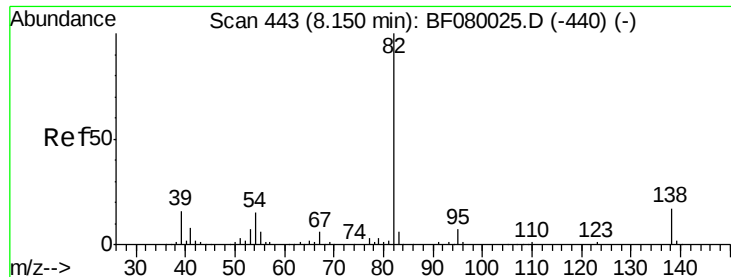
#23
Nitrobenzene-d5
Concen: 100.68 ng
RT: 7.88 min Scan# 419
Delta R.T. -0.00 min
Lab File: BF080131.D
Acq: 24 Jun 2015 14:45

Tgt Ion: 82 Resp: 542047
Ion Ratio Lower Upper
82 100
128 53.1 51.0 76.6
54 44.5 47.5 71.3#



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





#25

Isophorone

Concen: 49.22 ng

RT: 7.88 min Scan# 419

Delta R.T. -0.25 min

Lab File: BF080131.D

Acq: 24 Jun 2015 14:45

Instrument :

BNA_F

ClientSampleId :

SIDEWALLEAST-062315

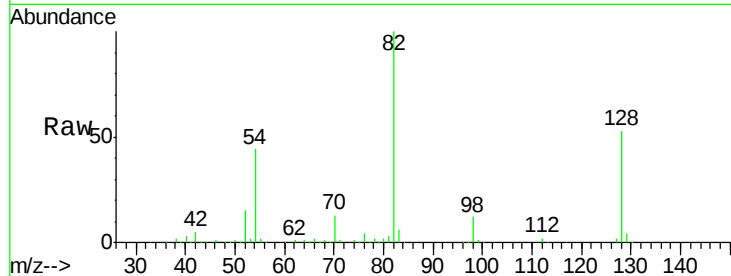
Tgt Ion: 82 Resp: 533297

Ion Ratio Lower Upper

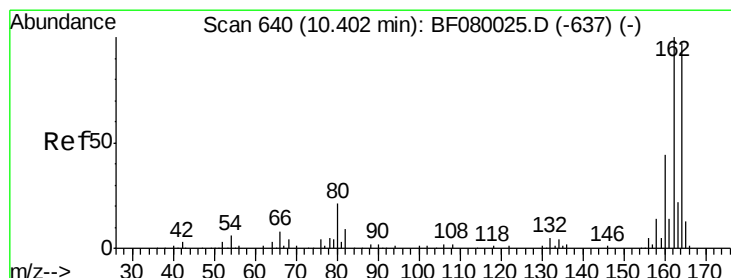
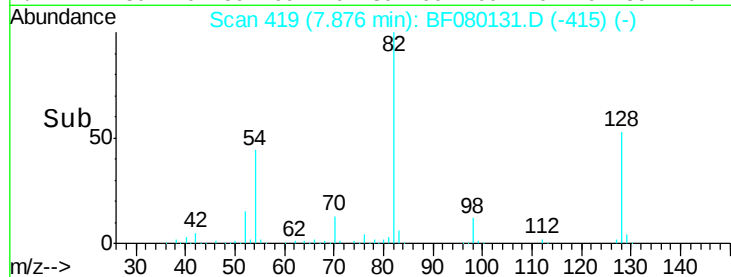
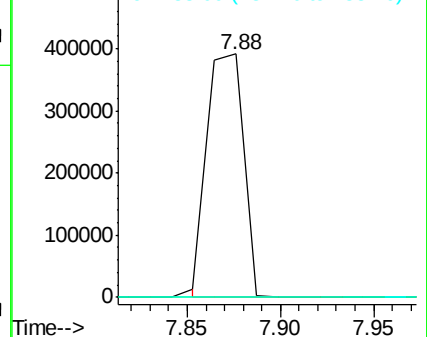
82 100

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: 10.38 min Scan# 638

Delta R.T. -0.00 min

Lab File: BF080131.D

Acq: 24 Jun 2015 14:45

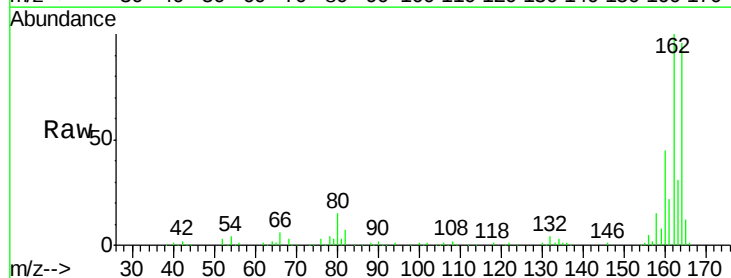
Tgt Ion: 164 Resp: 174068

Ion Ratio Lower Upper

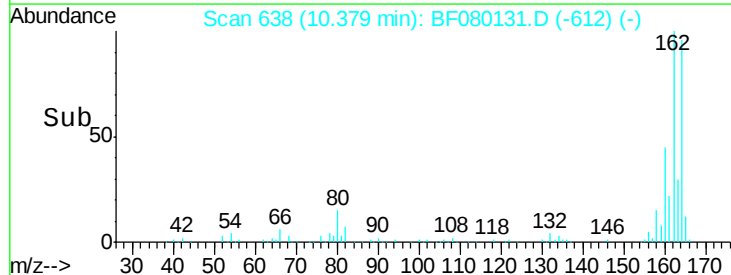
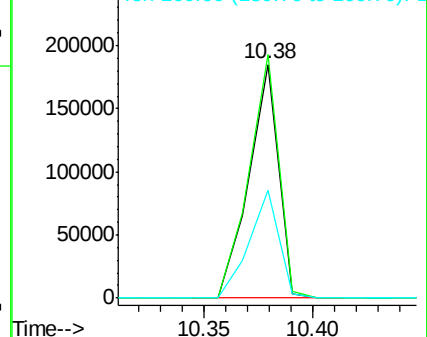
164 100

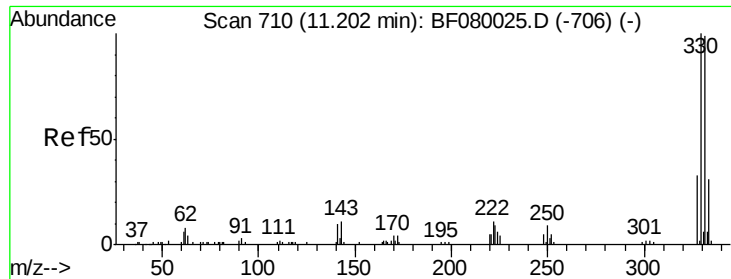
162 104.1 75.2 112.8

160 46.4 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

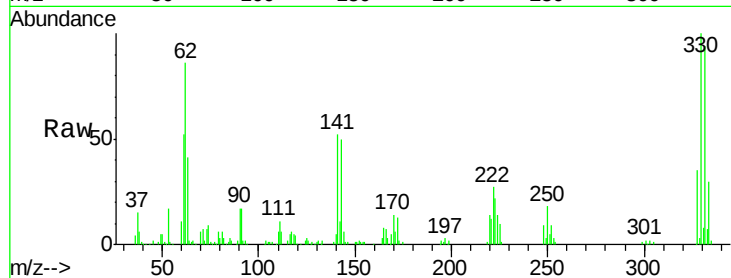




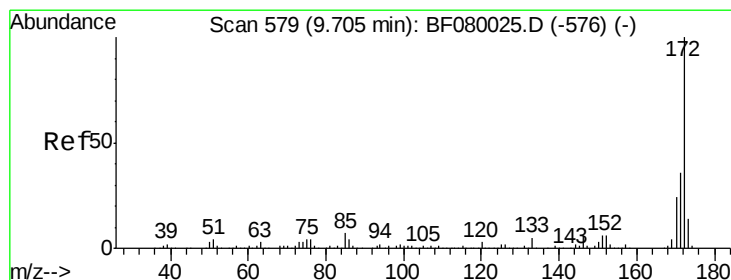
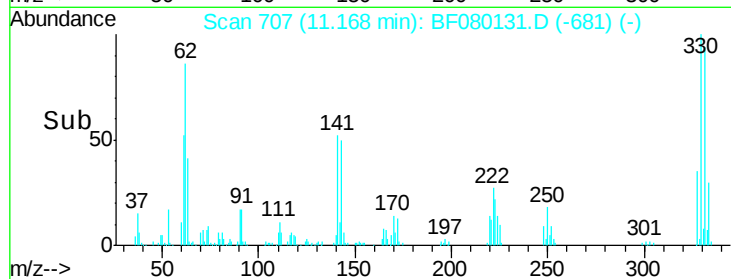
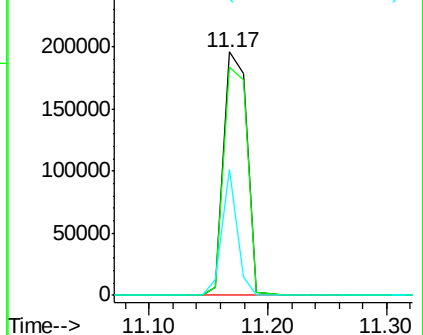
#41
 2,4,6-Tribromophenol
 Concen: 155.32 ng
 RT: 11.17 min Scan# 707
 Delta R.T. -0.00 min
 Lab File: BF080131.D
 Acq: 24 Jun 2015 14:45

Instrument :
 BNA_F
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 SIDEWALLEAST-062315

Tgt Ion:330 Resp: 264371
 Ion Ratio Lower Upper
 330 100
 332 95.5 76.6 114.8
 141 33.8 29.7 44.5

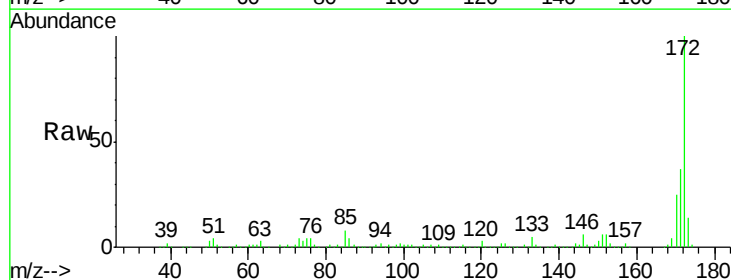


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

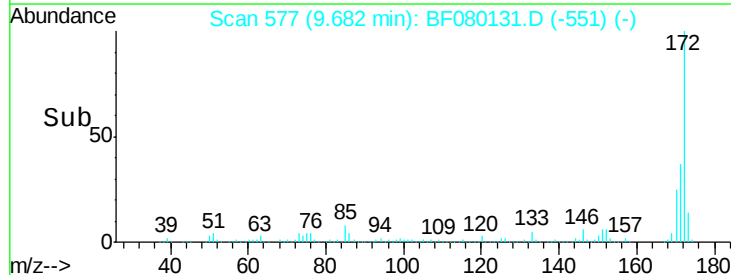
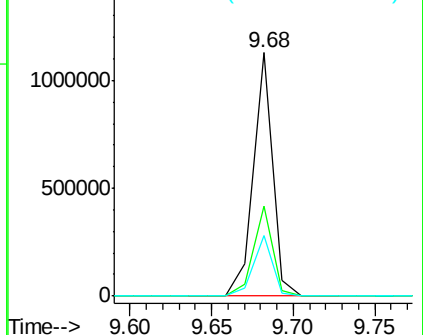


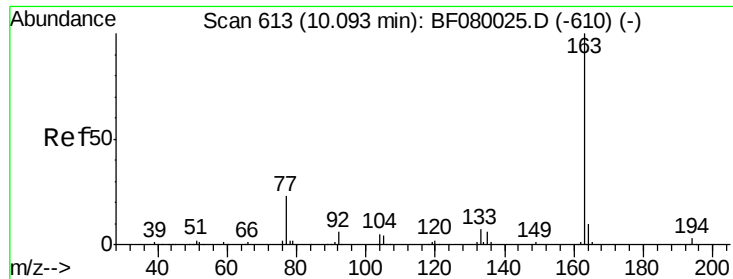
#44
 2-Fluorobiphenyl
 Concen: 76.15 ng
 RT: 9.68 min Scan# 577
 Delta R.T. -0.00 min
 Lab File: BF080131.D
 Acq: 24 Jun 2015 14:45

Tgt Ion:172 Resp: 929528
 Ion Ratio Lower Upper
 172 100
 171 37.1 26.1 39.1
 170 25.0 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

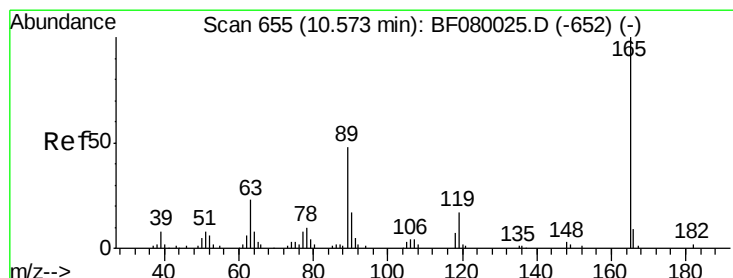
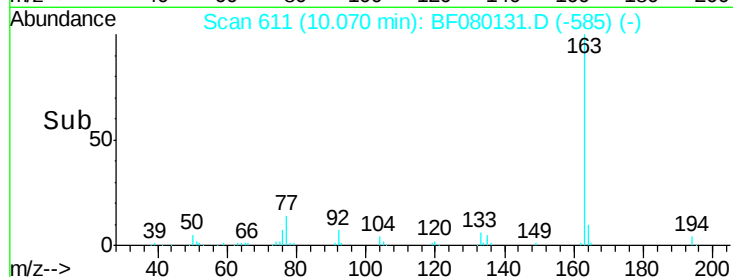
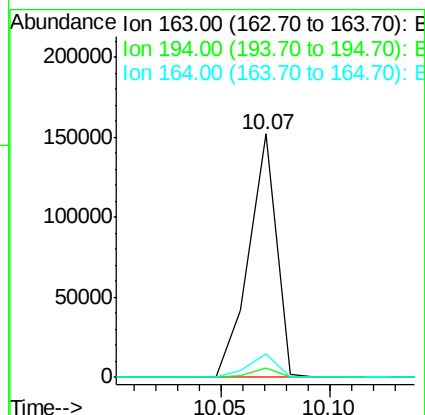
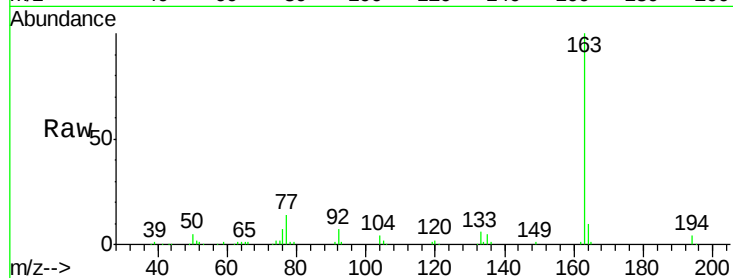




#49
Dimethylphthalate
Concen: 10.28 ng
RT: 10.07 min Scan# 611
Delta R.T. -0.00 min
Lab File: BF080131.D
Acq: 24 Jun 2015 14:45

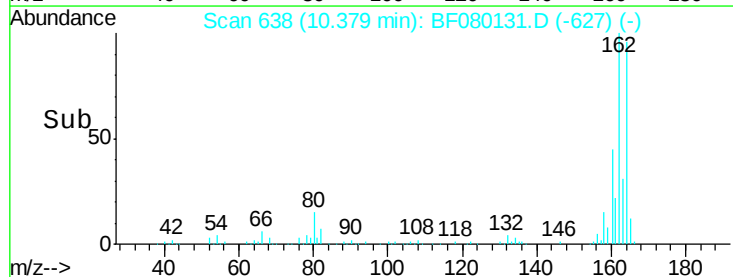
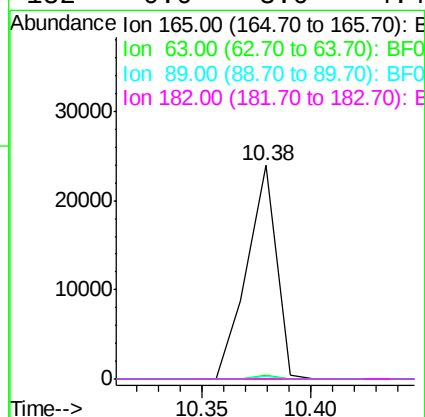
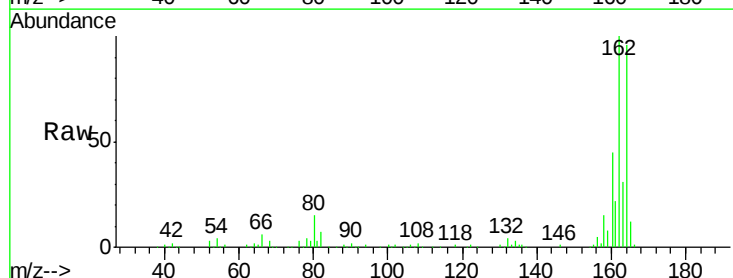
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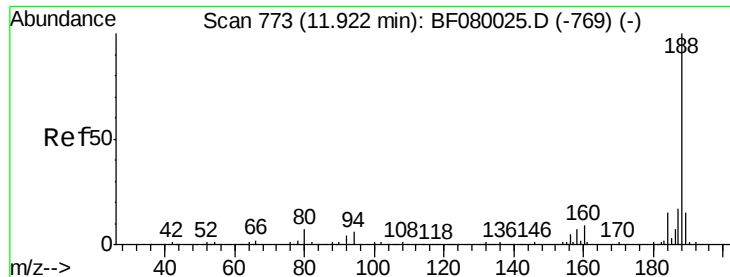
Tgt Ion:163 Resp: 134476
Ion Ratio Lower Upper
163 100
194 3.8 4.4 6.6#
164 9.6 8.3 12.5



#56
2,4-Dinitrotoluene
Concen: 6.82 ng
RT: 10.38 min Scan# 638
Delta R.T. -0.17 min
Lab File: BF080131.D
Acq: 24 Jun 2015 14:45

Tgt Ion:165 Resp: 22694
Ion Ratio Lower Upper
165 100
63 1.7 29.8 44.6#
89 1.5 44.5 66.7#
182 0.0 3.0 4.4#

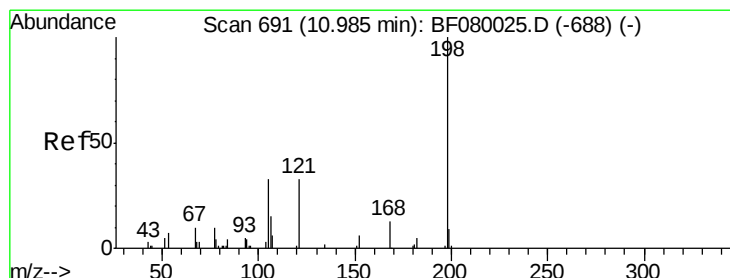
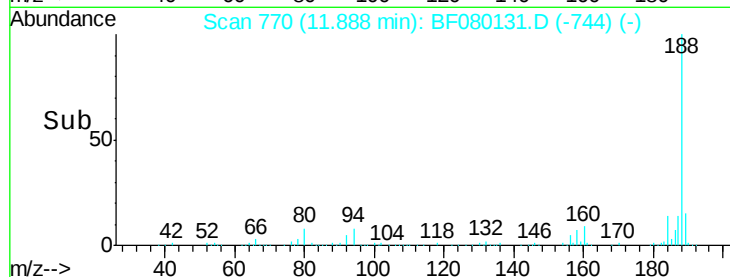
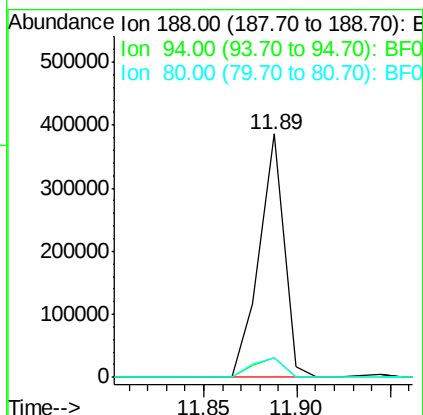
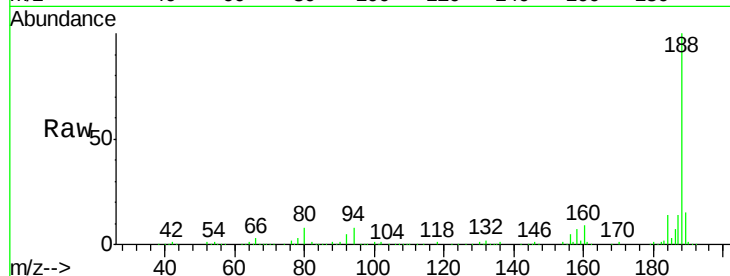




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.89 min Scan# 770
 Delta R.T. -0.00 min
 Lab File: BF080131.D
 Acq: 24 Jun 2015 14:45

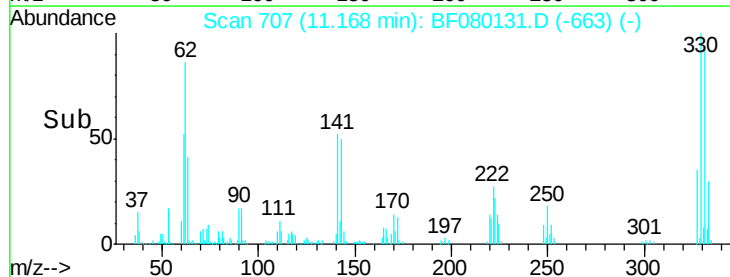
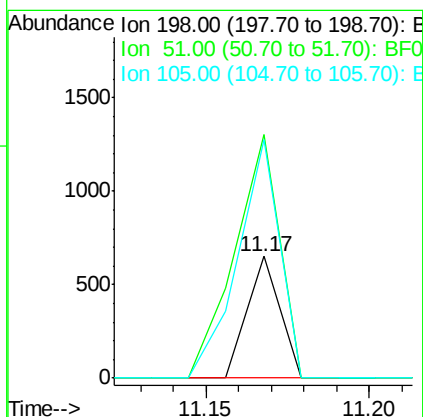
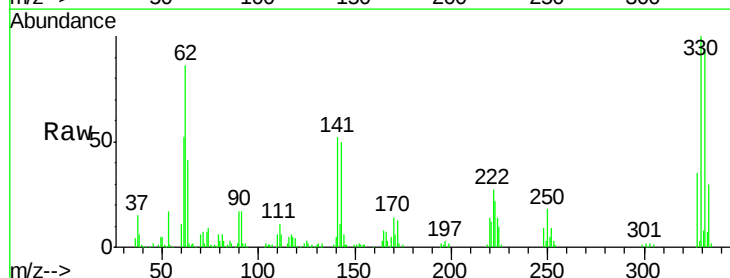
Instrument :
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 ClientSampleId :
 SIDEWALLEAST-062315

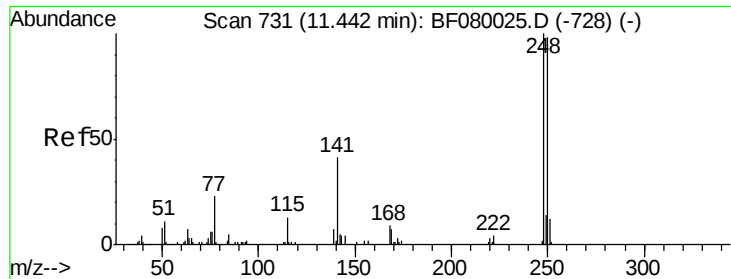
Tgt Ion:188 Resp: 358079
 Ion Ratio Lower Upper
 188 100
 94 8.1 11.1 16.7#
 80 8.3 11.0 16.4#



#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.78 ng
 RT: 11.17 min Scan# 707
 Delta R.T. 0.21 min
 Lab File: BF080131.D
 Acq: 24 Jun 2015 14:45

Tgt Ion:198 Resp: 446
 Ion Ratio Lower Upper
 198 100
 51 200.2 39.6 79.6#
 105 195.7 28.5 68.5#

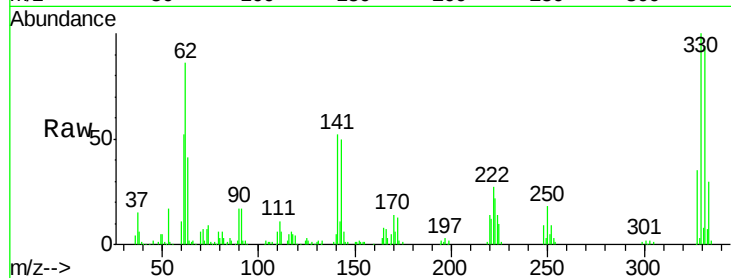




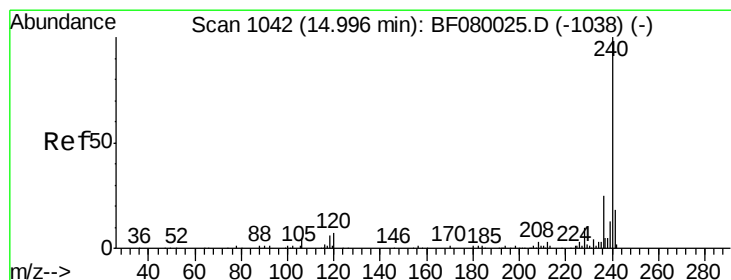
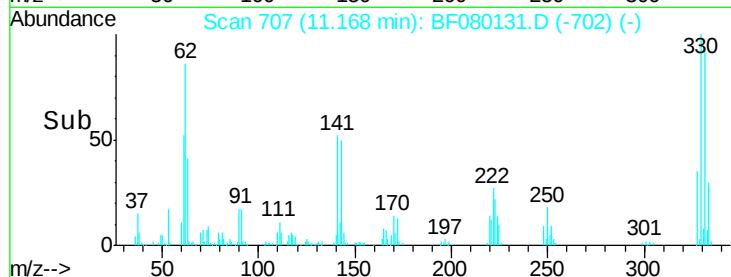
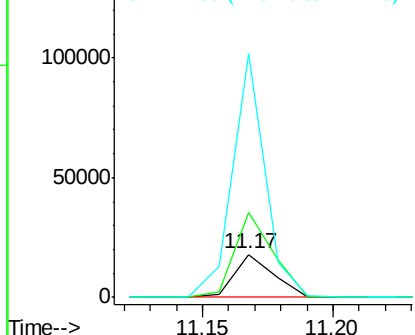
#66
4-Bromophenyl-phenylether
Concen: 4.88 ng
RT: 11.17 min Scan# 707
Delta R.T. -0.24 min
Lab File: BF080131.D
Acq: 24 Jun 2015 14:45

Instrument :
BNA_F
ClientSampleId :
SIDEWALLEAST-062315

Tgt Ion:248 Resp: 18594
Ion Ratio Lower Upper
248 100
250 197.1 78.5 117.7#
141 562.2 59.0 88.6#

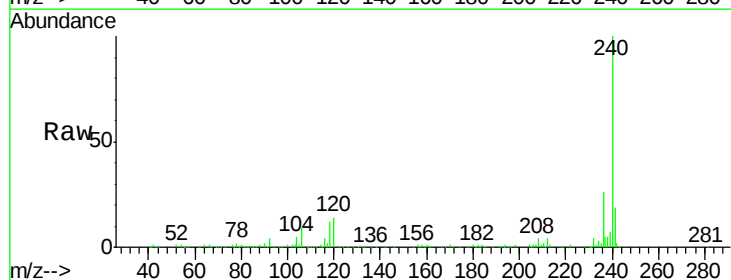


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

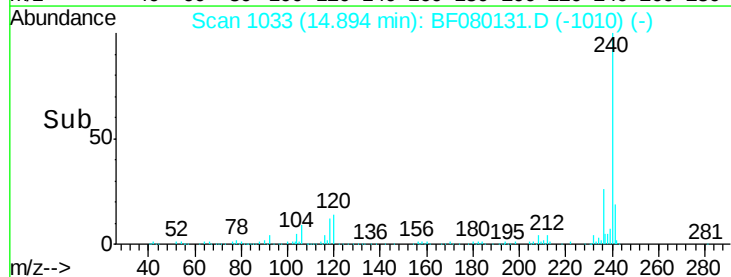
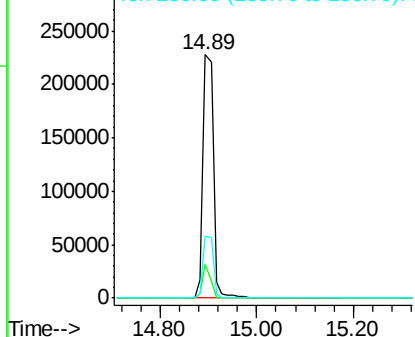


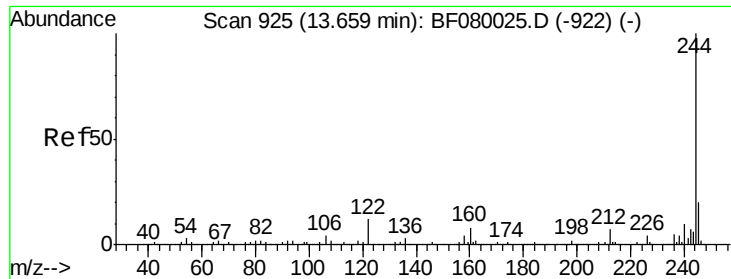
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.89 min Scan# 1033
Delta R.T. -0.03 min
Lab File: BF080131.D
Acq: 24 Jun 2015 14:45

Tgt Ion:240 Resp: 344396
Ion Ratio Lower Upper
240 100
120 13.8 16.2 24.2#
236 25.6 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

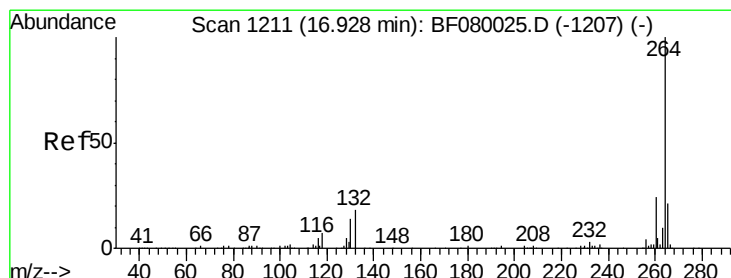
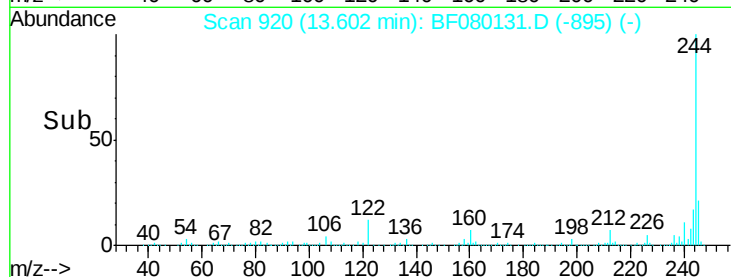
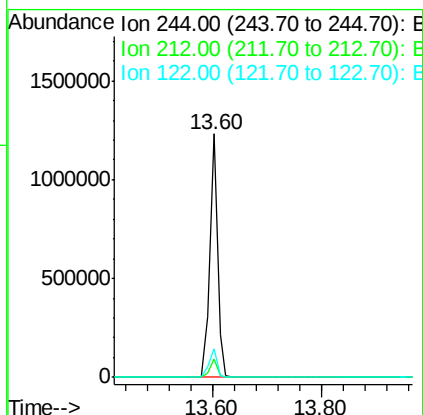
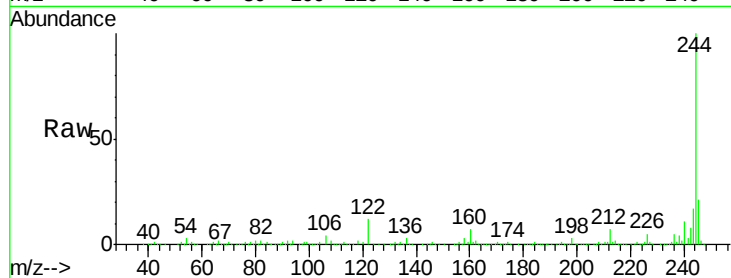




#78
 Terphenyl-d14
 Concen: 83.69 ng
 RT: 13.60 min Scan# 920
 Delta R.T. -0.01 min
 Lab File: BF080131.D
 Acq: 24 Jun 2015 14:45

Instrument :
 BNA_F
 ClientSampleId :
 SIDEWALLEAST-062315

Tgt Ion:244 Resp: 1234175
 Ion Ratio Lower Upper
 244 100
 212 7.5 4.3 6.5#
 122 12.0 17.4 26.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.81 min Scan# 1201
 Delta R.T. -0.02 min
 Lab File: BF080131.D
 Acq: 24 Jun 2015 14:45

Tgt Ion:264 Resp: 293394
 Ion Ratio Lower Upper
 264 100
 260 22.8 16.7 25.1
 265 20.8 17.2 25.8

