

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF070115\
 Data File : BF080302.D
 Acq On : 2 Jul 2015 7:44
 Operator : TP/UM
 Sample : G2838-13
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B7

Quant Time: Jul 02 08:15:36 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF070115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 02 03:50:52 2015
 Response via : Initial Calibration

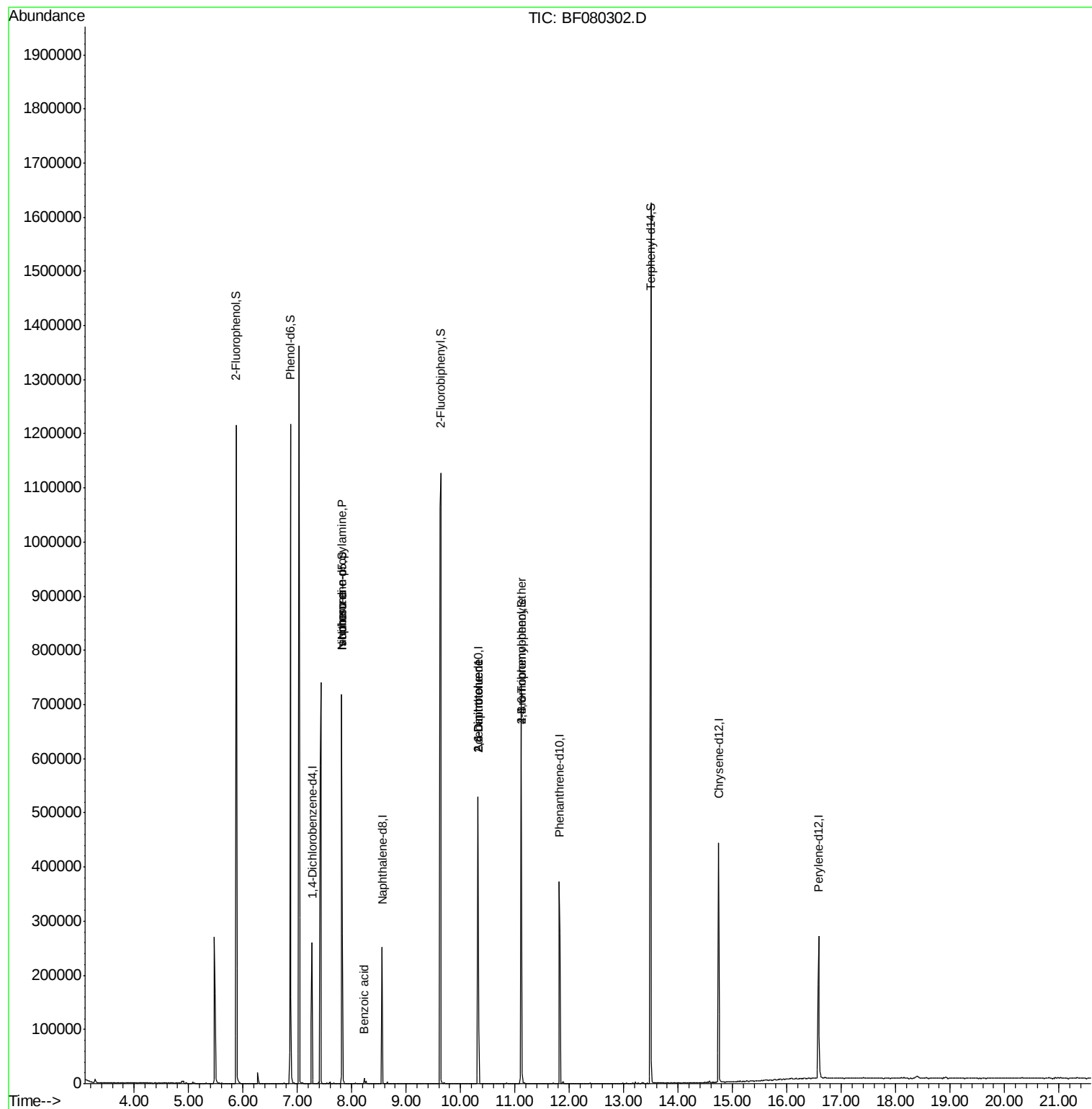
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	45382	20.00	ng	0.00
21) Naphthalene-d8	8.56	136	171760	20.00	ng	0.00
38) Acenaphthene-d10	10.32	164	97894	20.00	ng	0.00
63) Phenanthrene-d10	11.82	188	186956	20.00	ng	-0.01
75) Chrysene-d12	14.75	240	174707	20.00	ng	0.00
86) Perylene-d12	16.59	264	153412	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.88	112	301373	115.00	ng	0.00
7) Phenol-d6	6.87	99	362460	103.03	ng	0.00
23) Nitrobenzene-d5	7.82	82	239236	76.69	ng	0.00
41) 2,4,6-Tribromophenol	11.12	330	114564	122.91	ng	0.00
44) 2-Fluorobiphenyl	9.64	172	541535	79.62	ng	0.00
78) Terphenyl-d14	13.50	244	641039	85.95	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.82	70	30568	13.07	ng	# 84
25) Isophorone	7.82	82	236165	38.95	ng	# 65
32) Benzoic acid	8.23	122	3131	5.28	ng	91
50) 2,6-Dinitrotoluene	10.32	165	12553	8.21	ng	# 43
56) 2,4-Dinitrotoluene	10.32	165	12553	6.33	ng	# 19
66) 4-Bromophenyl-phenylether	11.12	248	7984	3.95	ng	# 1

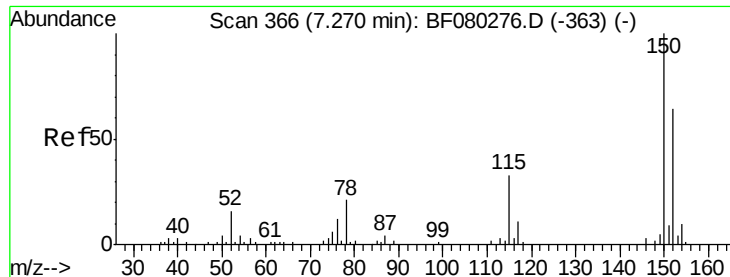
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 7.27 min Scan# 366

Delta R.T. 0.00 min

Lab File: BF080302.D

Acq: 2 Jul 2015 7:44

Instrument :

BNA_F

ClientSampleId :

TEC-B7

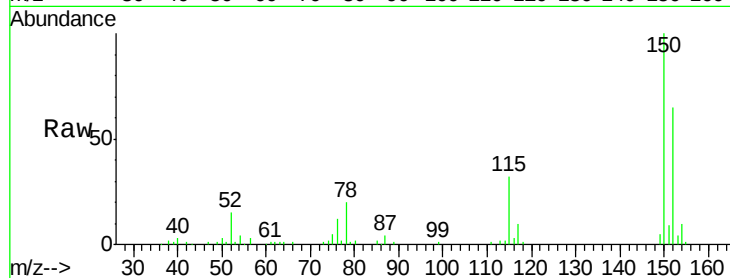
Tgt Ion:152 Resp: 45382

Ion Ratio Lower Upper

152 100

150 155.0 124.7 187.1

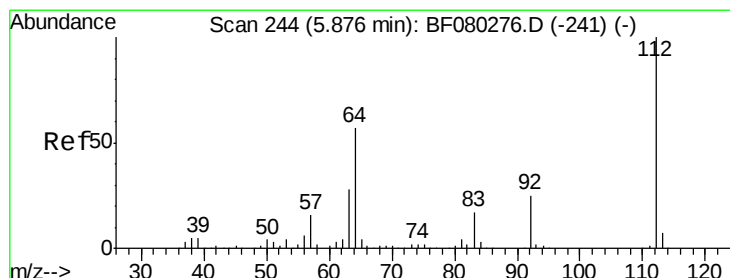
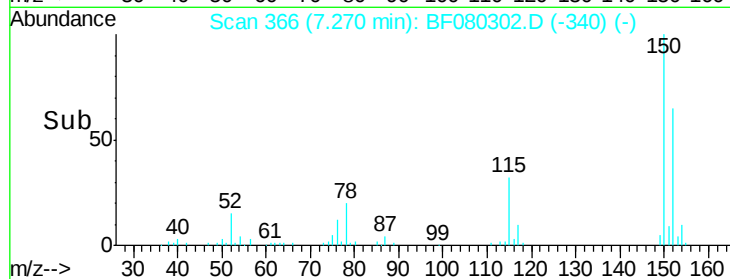
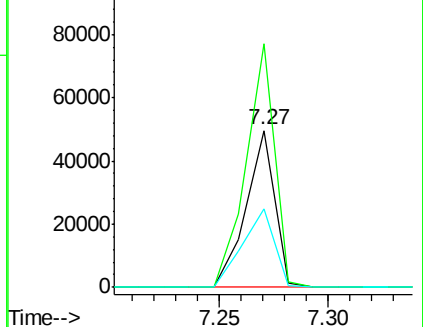
115 49.8 41.0 61.6



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: 115.00 ng

RT: 5.88 min Scan# 244

Delta R.T. 0.00 min

Lab File: BF080302.D

Acq: 2 Jul 2015 7:44

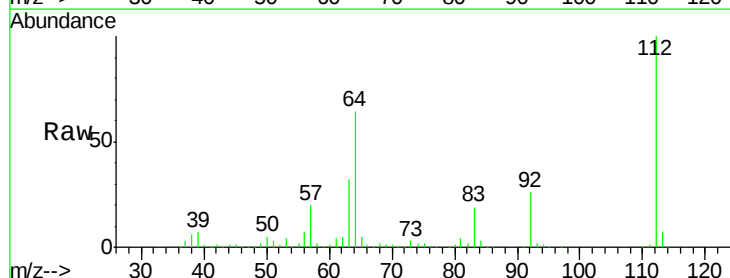
Tgt Ion:112 Resp: 301373

Ion Ratio Lower Upper

112 100

64 63.7 45.5 68.3

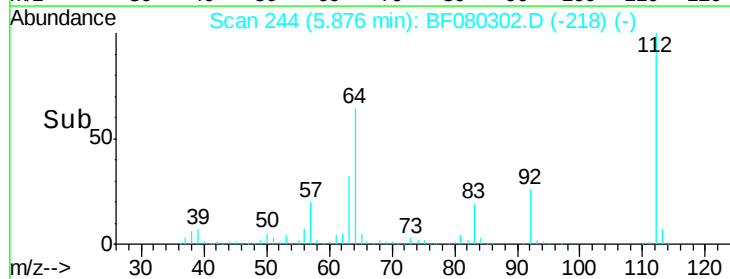
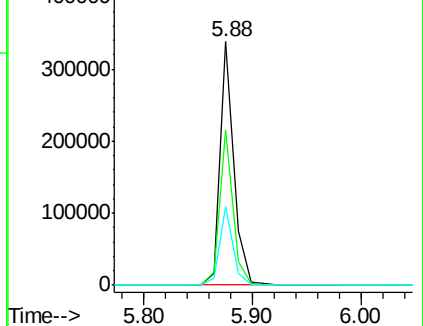
63 32.1 22.4 33.6

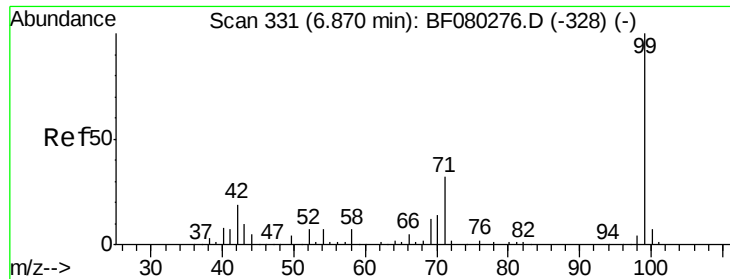


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 103.03 ng

RT: 6.87 min Scan# 331

Delta R.T. 0.00 min

Lab File: BF080302.D

Acq: 2 Jul 2015 7:44

Instrument :

BNA_F

ClientSampleId :

TEC-B7

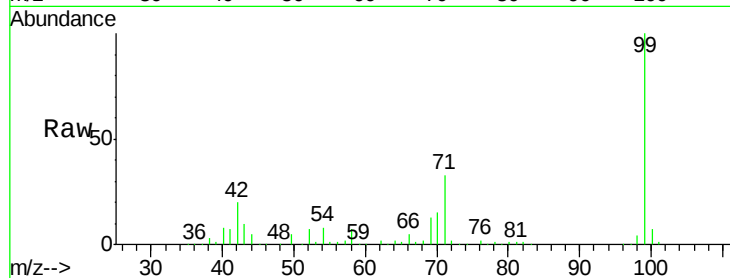
Tgt Ion: 99 Resp: 362460

Ion Ratio Lower Upper

99 100

42 19.9 15.4 23.2

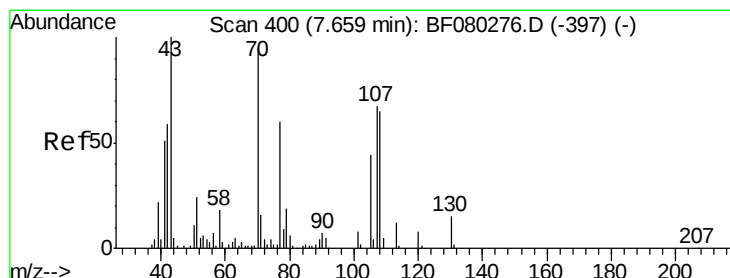
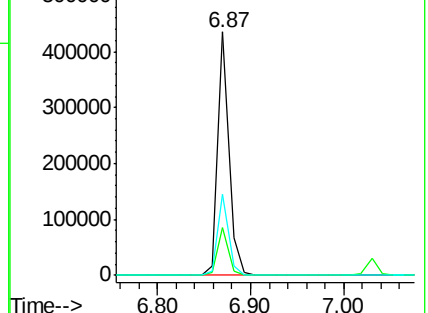
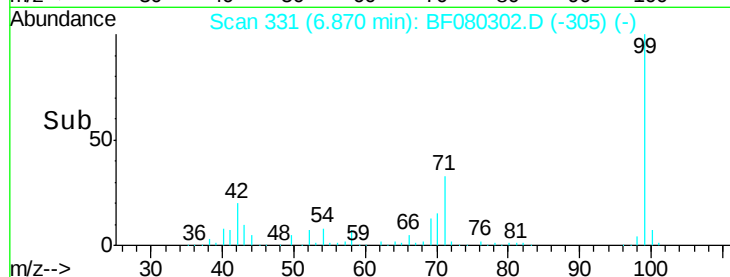
71 33.1 25.8 38.8



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: 13.07 ng

RT: 7.82 min Scan# 414

Delta R.T. 0.16 min

Lab File: BF080302.D

Acq: 2 Jul 2015 7:44

Tgt Ion: 70 Resp: 30568

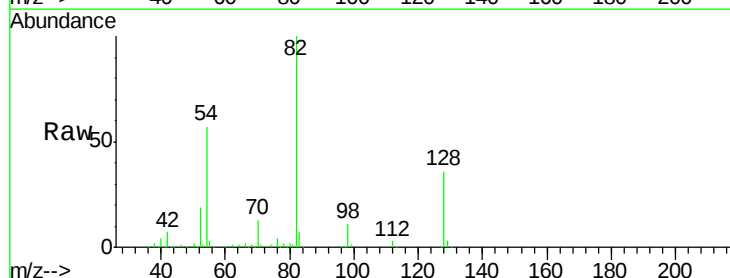
Ion Ratio Lower Upper

70 100

42 54.1 49.8 74.8

101 0.0 6.8 10.2#

130 1.8 13.0 19.4#

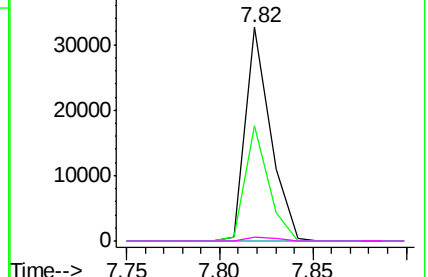
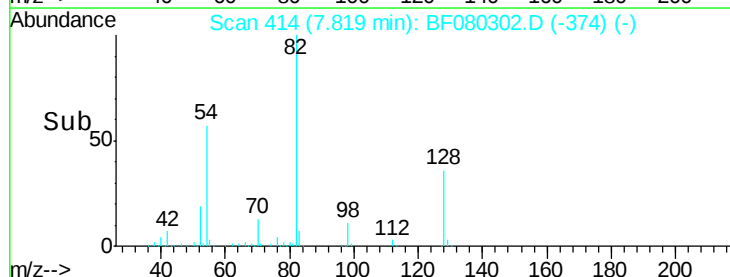


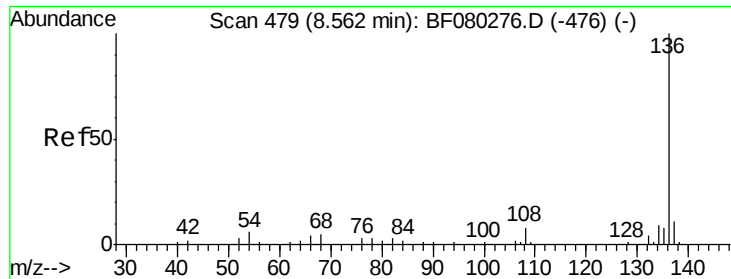
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

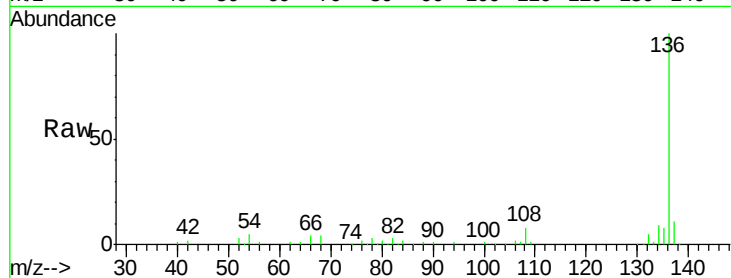




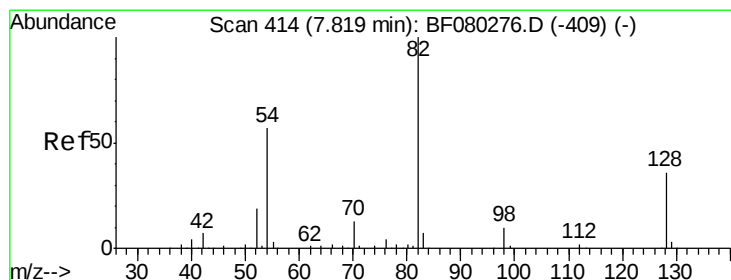
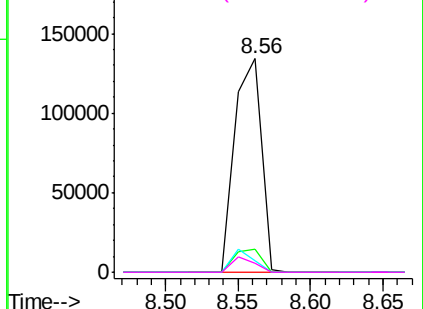
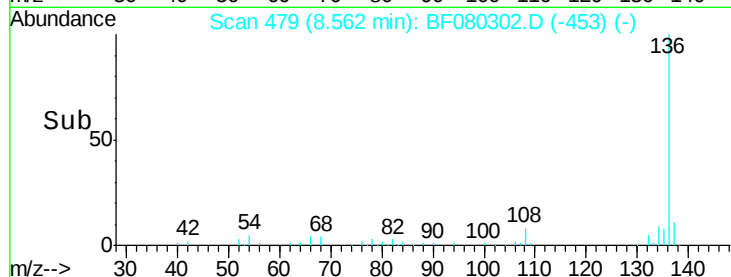
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.56 min Scan# 479
Delta R.T. 0.00 min
Lab File: BF080302.D
Acq: 2 Jul 2015 7:44

Instrument :
BNA_F
ClientSampleId :
TEC-B7

Tgt Ion:	136	Resp:	171760
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	5.5	4.9	7.3
68	4.1	4.0	6.0

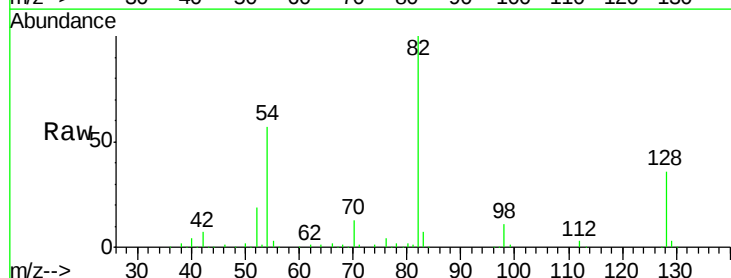


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

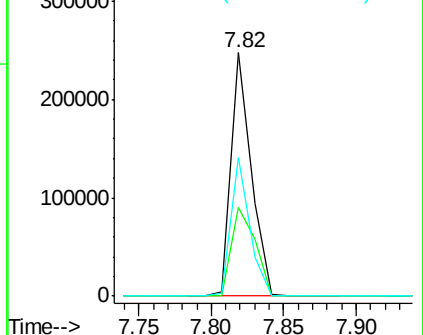
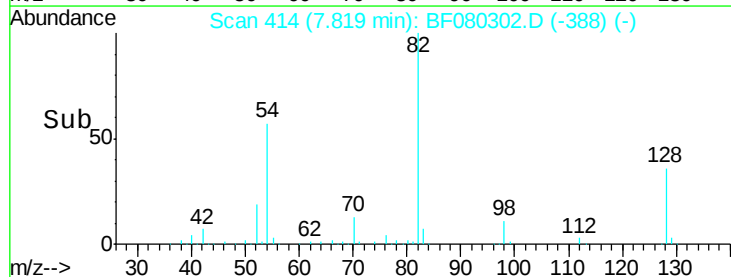


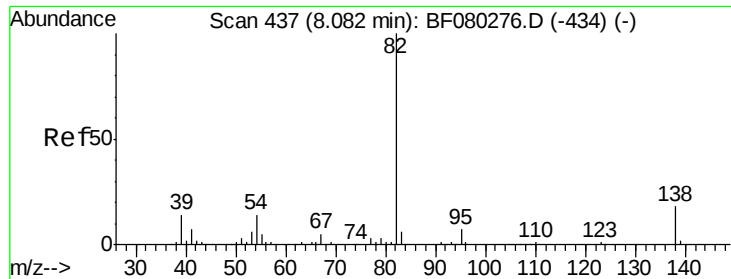
#23
Nitrobenzene-d5
Concen: 76.69 ng
RT: 7.82 min Scan# 414
Delta R.T. 0.00 min
Lab File: BF080302.D
Acq: 2 Jul 2015 7:44

Tgt Ion:	82	Resp:	239236
Ion	Ratio	Lower	Upper
82	100		
128	36.3	29.0	43.4
54	57.0	45.3	67.9



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): B
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 38.95 ng

RT: 7.82 min Scan# 414

Delta R.T. -0.26 min

Lab File: BF080302.D

Acq: 2 Jul 2015 7:44

Instrument :

BNA_F

ClientSampleId :

TEC-B7

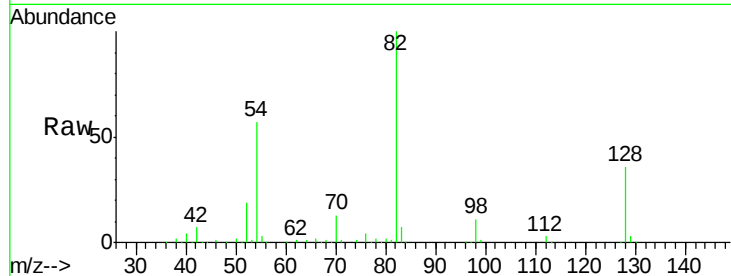
Tgt Ion: 82 Resp: 236165

Ion Ratio Lower Upper

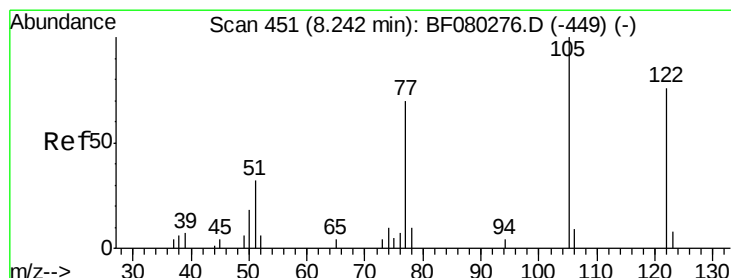
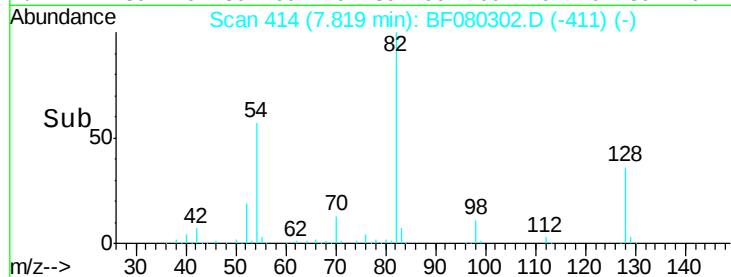
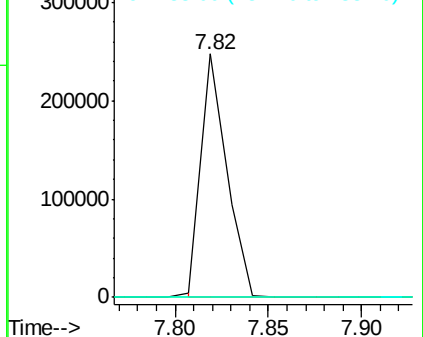
82 100

95 0.0 5.3 7.9#

138 0.0 14.4 21.6#



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



#32

Benzoic acid

Concen: 5.28 ng

RT: 8.23 min Scan# 450

Delta R.T. -0.01 min

Lab File: BF080302.D

Acq: 2 Jul 2015 7:44

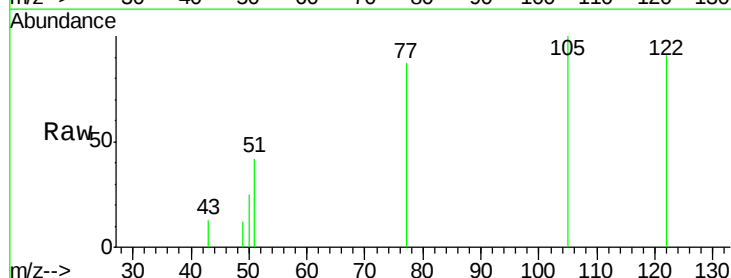
Tgt Ion: 122 Resp: 3131

Ion Ratio Lower Upper

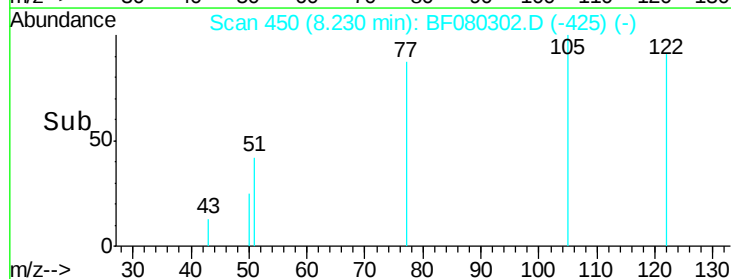
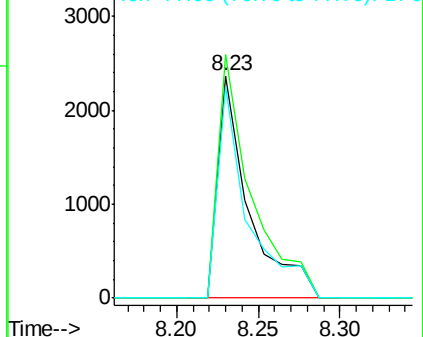
122 100

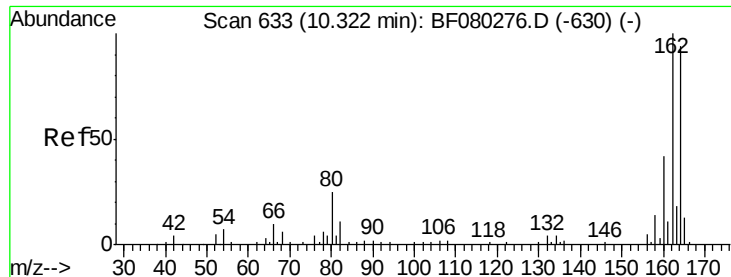
105 109.7 103.3 143.3

77 95.3 71.5 111.5



Abundance Ion 122.00 (121.70 to 122.70): BF0
Ion 105.00 (104.70 to 105.70): BF0
Ion 77.00 (76.70 to 77.70): BF0

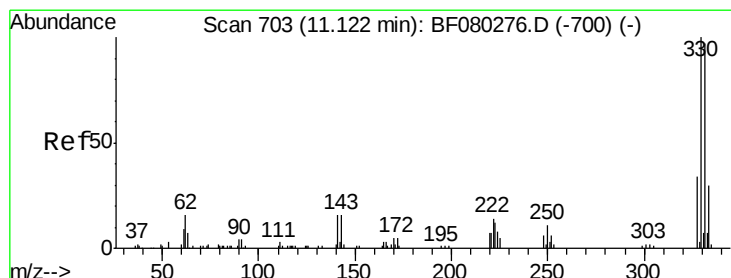
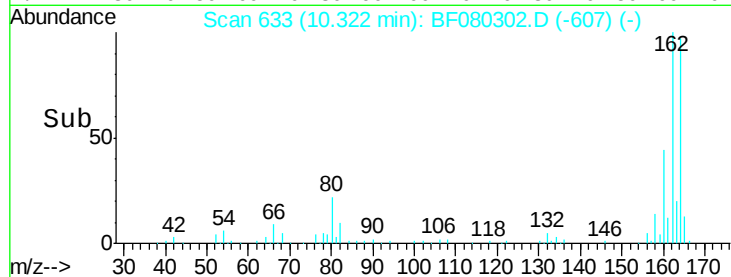
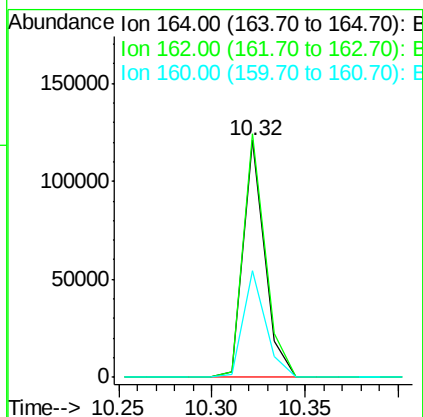
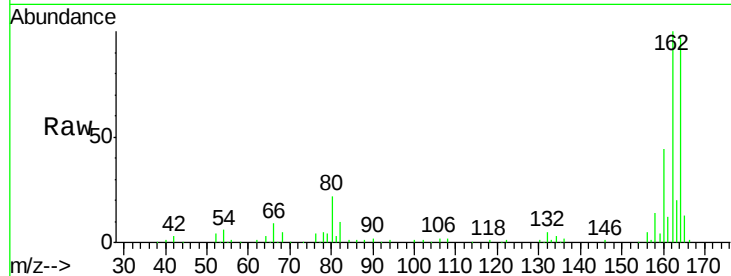




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.32 min Scan# 633
 Delta R.T. 0.00 min
 Lab File: BF080302.D
 Acq: 2 Jul 2015 7:44

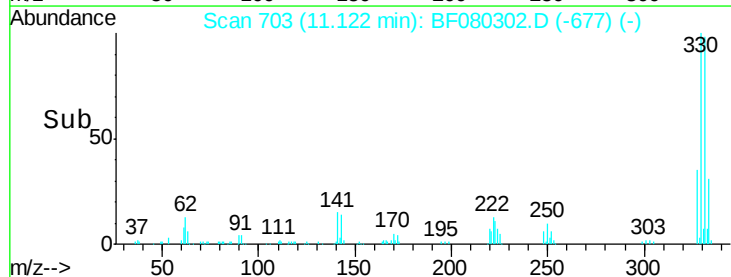
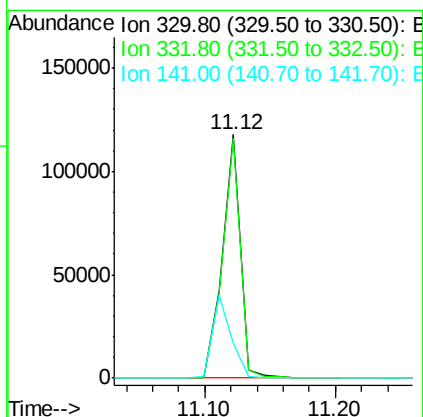
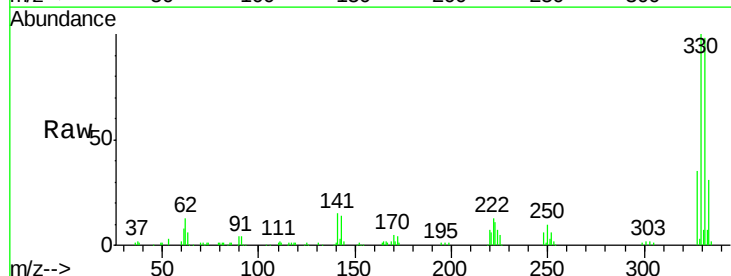
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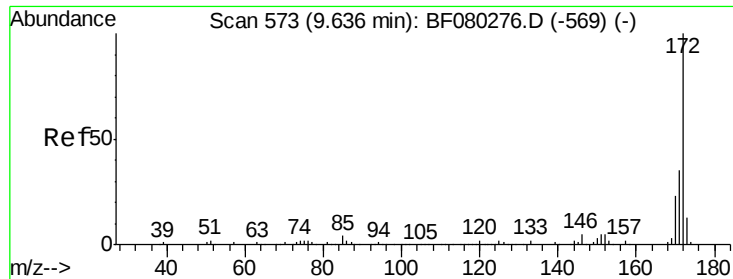
Tgt Ion:164 Resp: 97894
 Ion Ratio Lower Upper
 164 100
 162 102.7 84.8 127.2
 160 45.1 35.8 53.8



#41
 2,4,6-Tribromophenol
 Concen: 122.91 ng
 RT: 11.12 min Scan# 703
 Delta R.T. 0.00 min
 Lab File: BF080302.D
 Acq: 2 Jul 2015 7:44

Tgt Ion:330 Resp: 114564
 Ion Ratio Lower Upper
 330 100
 332 98.0 77.4 116.2
 141 35.3 28.0 42.0

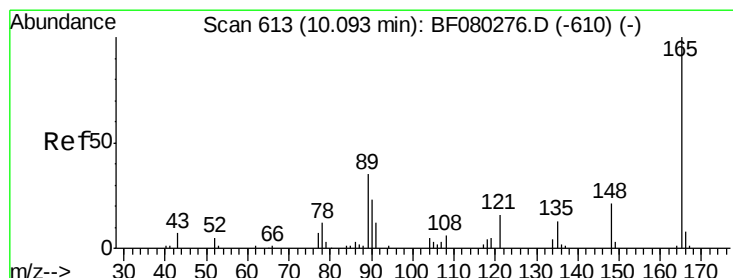
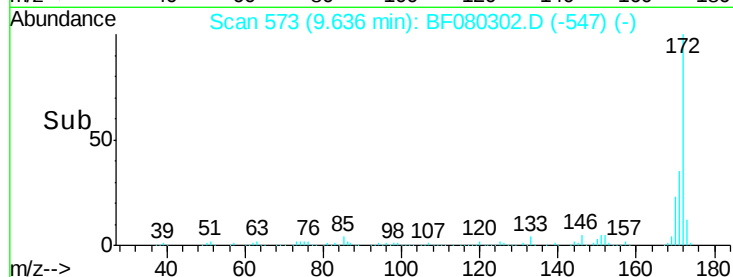
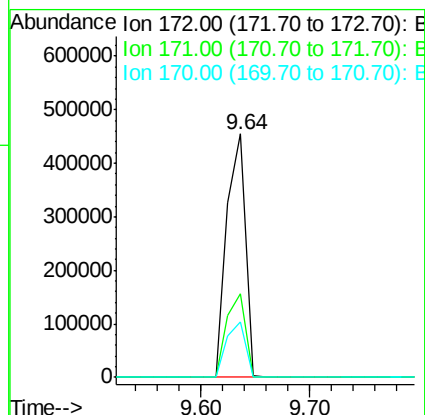
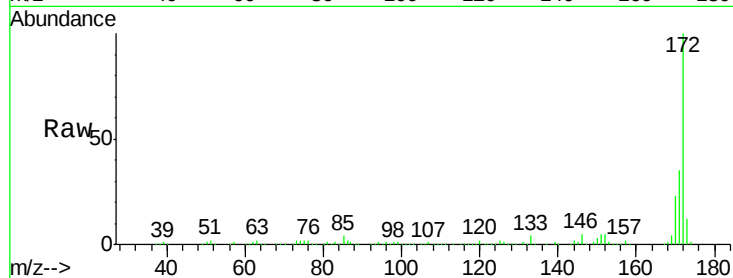




#44
 2-Fluorobiphenyl
 Concen: 79.62 ng
 RT: 9.64 min Scan# 573
 Delta R.T. 0.00 min
 Lab File: BF080302.D
 Acq: 2 Jul 2015 7:44

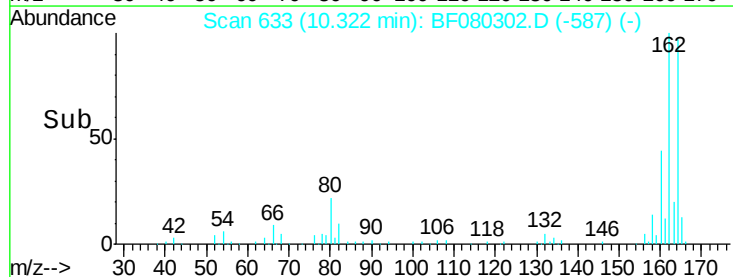
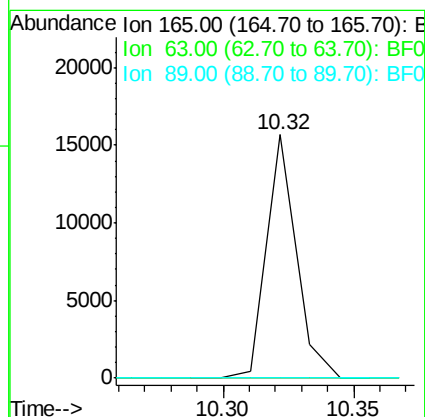
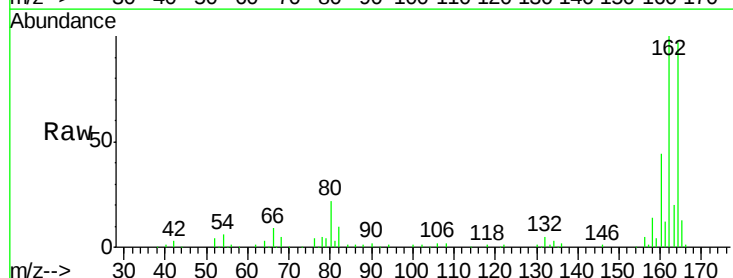
Instrument :
 BNA_F
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 TEC-B7

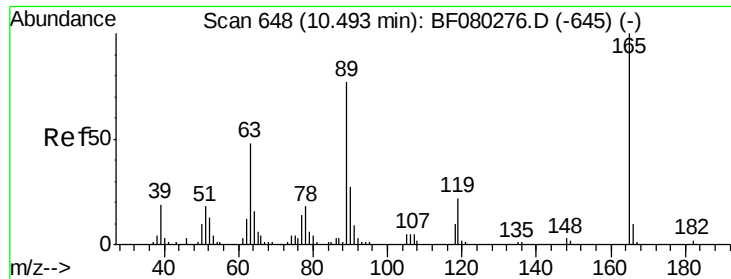
Tgt Ion:172 Resp: 541535
 Ion Ratio Lower Upper
 172 100
 171 34.5 28.1 42.1
 170 23.0 18.6 28.0



#50
 2,6-Dinitrotoluene
 Concen: 8.21 ng
 RT: 10.32 min Scan# 633
 Delta R.T. 0.23 min
 Lab File: BF080302.D
 Acq: 2 Jul 2015 7:44

Tgt Ion:165 Resp: 12553
 Ion Ratio Lower Upper
 165 100
 63 0.0 23.4 35.0#
 89 0.0 27.7 41.5#

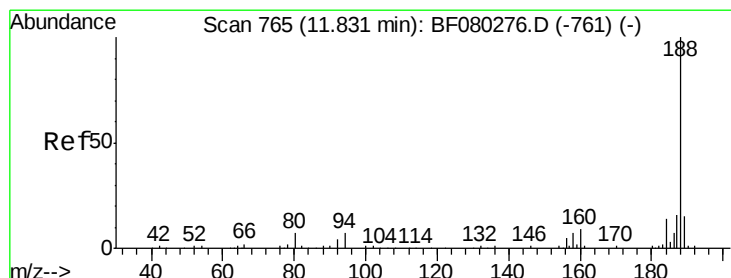
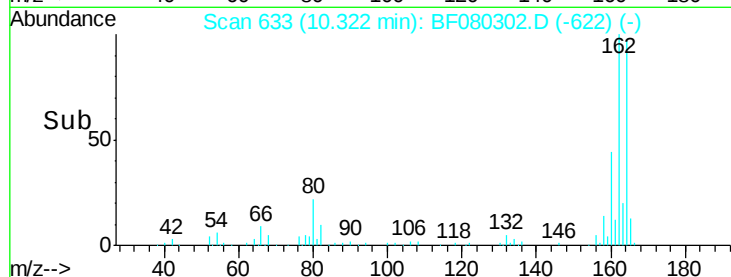
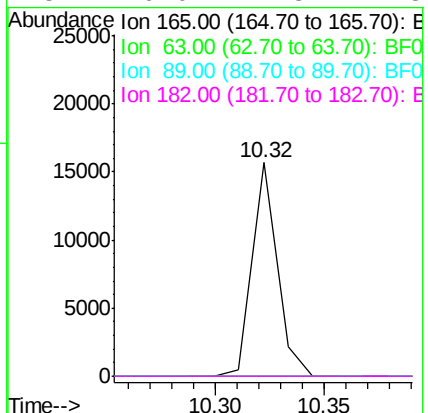
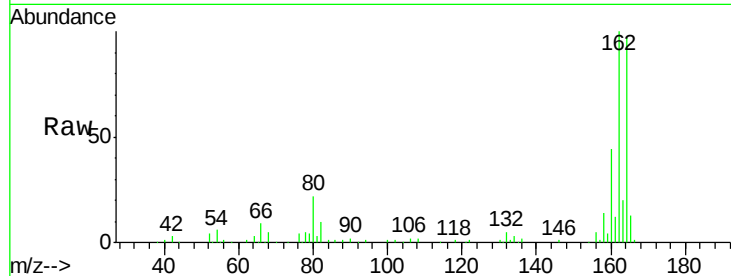




#56
2,4-Dinitrotoluene
Concen: 6.33 ng
RT: 10.32 min Scan# 633
Delta R.T. -0.17 min
Lab File: BF080302.D
Acq: 2 Jul 2015 7:44

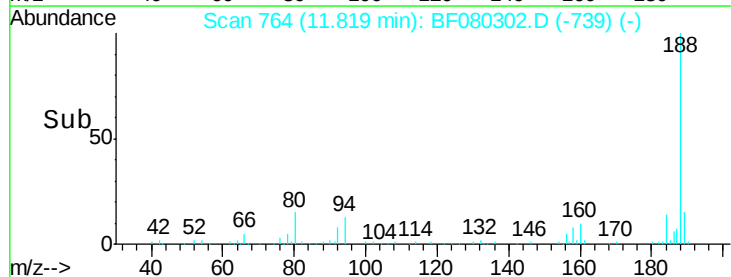
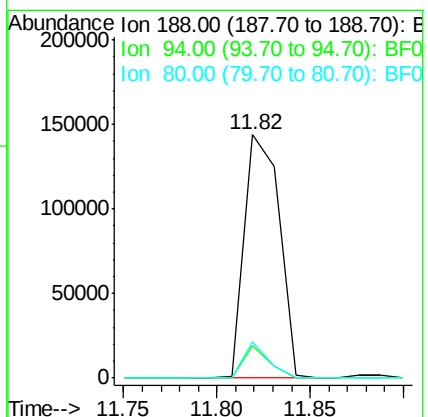
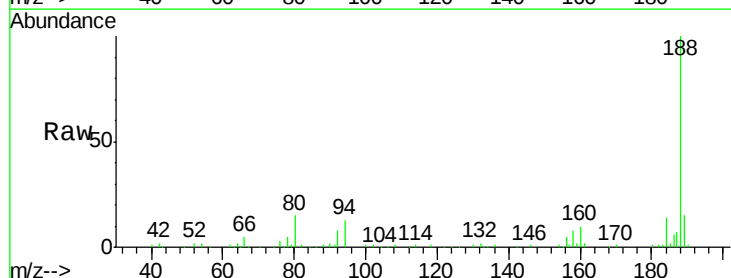
Instrument :
BNA_F
ClientSampleID :
TEC-B7

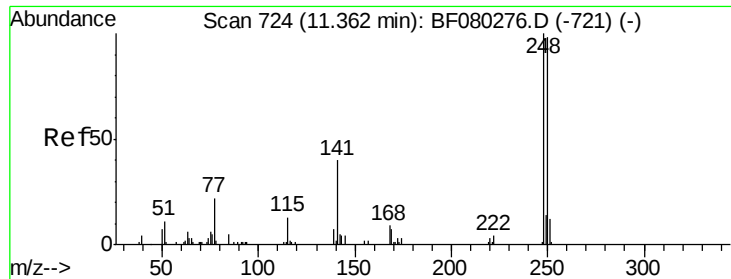
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	38.7	58.1#
89	0.0	62.0	93.0#
182	0.0	1.8	2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.82 min Scan# 764
Delta R.T. -0.01 min
Lab File: BF080302.D
Acq: 2 Jul 2015 7:44

Tgt Ion	Ratio	Lower	Upper
188	100		
94	13.1	5.4	8.0#
80	15.0	5.8	8.6#

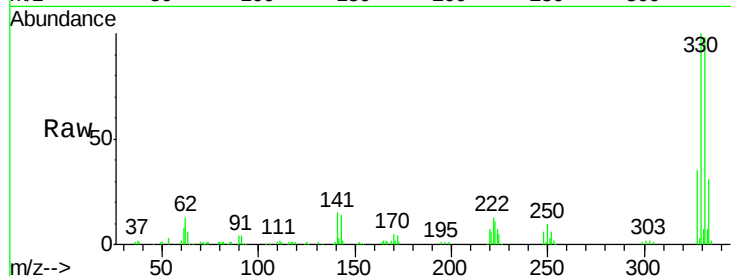




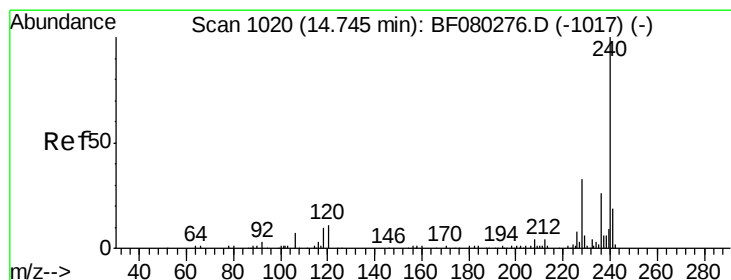
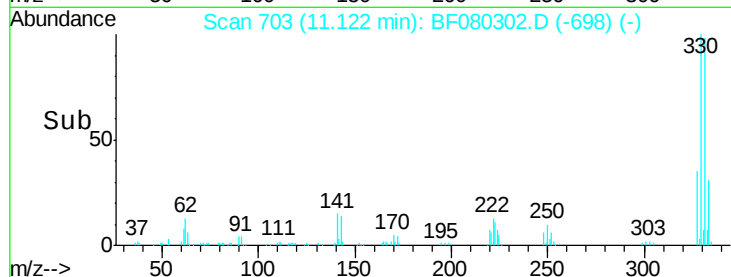
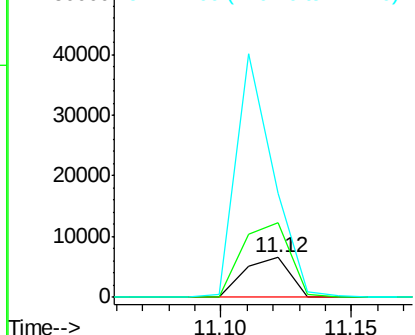
#66
4-Bromophenyl-phenylether
Concen: 3.95 ng
RT: 11.12 min Scan# 703
Delta R.T. -0.24 min
Lab File: BF080302.D
Acq: 2 Jul 2015 7:44

Instrument :
BNA_F
ClientSampled :
TEC-B7

Tgt Ion:248 Resp: 7984
Ion Ratio Lower Upper
248 100
250 188.7 78.2 117.4#
141 262.4 31.9 47.9#

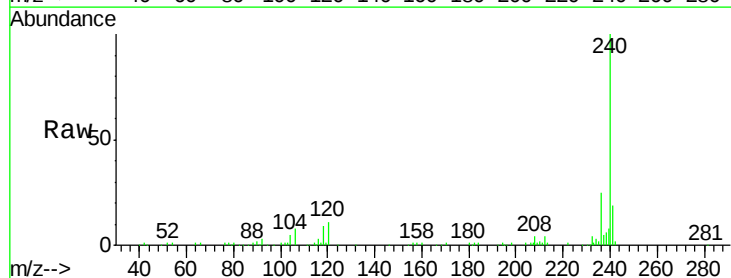


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

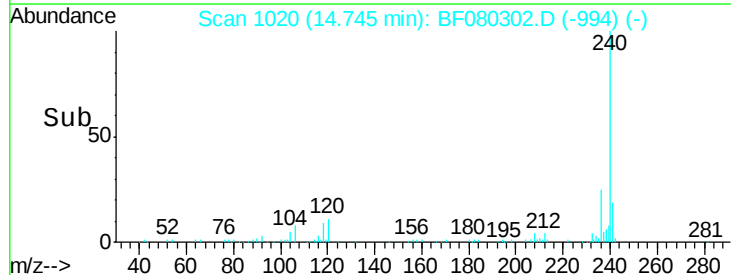
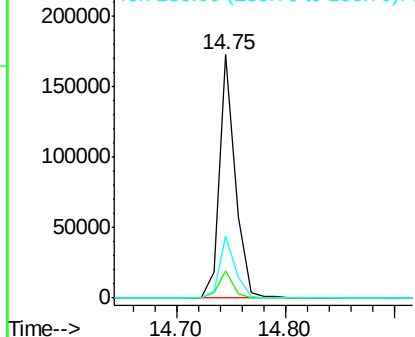


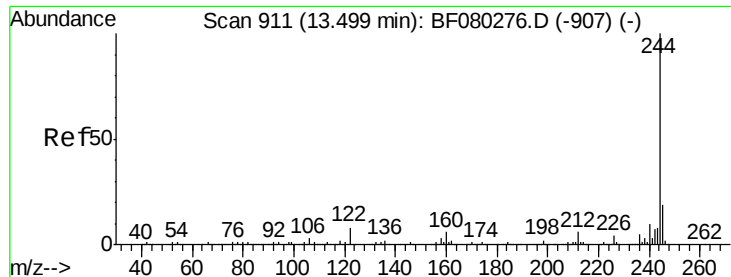
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.75 min Scan# 1020
Delta R.T. 0.00 min
Lab File: BF080302.D
Acq: 2 Jul 2015 7:44

Tgt Ion:240 Resp: 174707
Ion Ratio Lower Upper
240 100
120 11.4 8.7 13.1
236 25.3 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

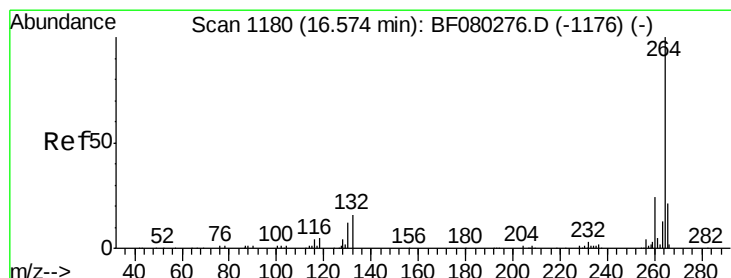
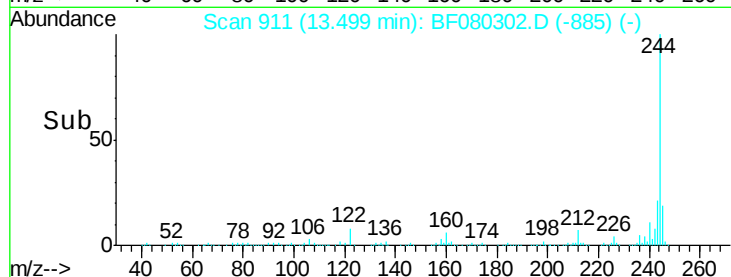
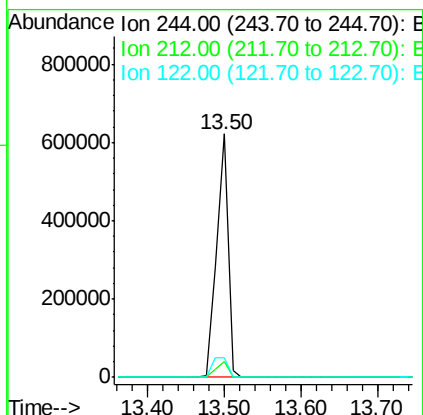
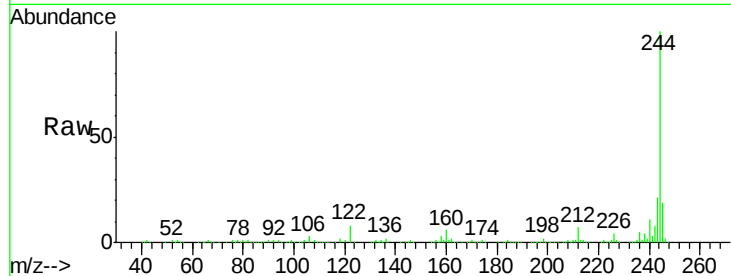




#78
 Terphenyl-d14
 Concen: 85.95 ng
 RT: 13.50 min Scan# 911
 Delta R.T. 0.00 min
 Lab File: BF080302.D
 Acq: 2 Jul 2015 7:44

Instrument :
 BNA_F
 ClientSampleId :
 TEC-B7

Tgt Ion	Ratio	Lower	Upper
244	100		
212	6.7	5.0	7.6
122	8.0	6.6	9.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 16.59 min Scan# 1181
 Delta R.T. 0.01 min
 Lab File: BF080302.D
 Acq: 2 Jul 2015 7:44

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.3	19.2	28.8
265	20.8	16.9	25.3

