

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081715\
 Data File : BF081027.D
 Acq On : 18 Aug 2015 3:45
 Operator : UM/IZ
 Sample : G3289-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMPB-T(0-2)-1

Quant Time: Aug 18 04:32:00 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 17 17:57:25 2015
 Response via : Initial Calibration

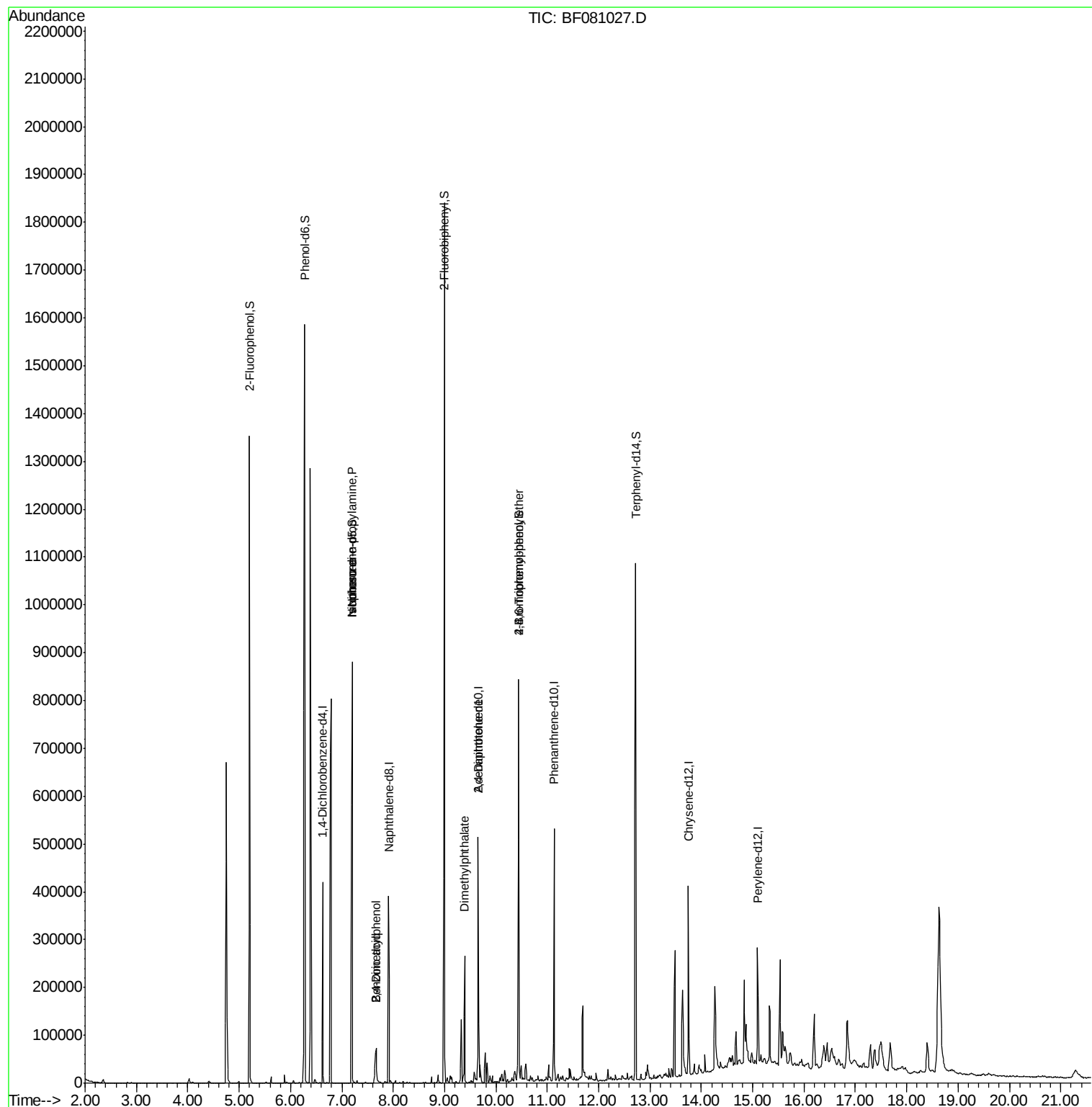
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	56457	20.00	ng	0.00
21) Naphthalene-d8	7.91	136	203431	20.00	ng	0.00
38) Acenaphthene-d10	9.66	164	94145	20.00	ng	0.00
63) Phenanthrene-d10	11.13	188	168825	20.00	ng	0.00
75) Chrysene-d12	13.75	240	118572	20.00	ng	0.00
86) Perylene-d12	15.10	264	105008	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	348860	92.94	ng	0.01
7) Phenol-d6	6.27	99	561928	114.74	ng	0.01
23) Nitrobenzene-d5	7.20	82	347097	77.94	ng	0.01
41) 2,4,6-Tribromophenol	10.44	330	83198	101.95	ng	0.00
44) 2-Fluorobiphenyl	8.99	172	511454	71.18	ng	0.00
78) Terphenyl-d14	12.72	244	370462	66.98	ng	0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.20	70	45744	13.48	ng	# 64
25) Isophorone	7.20	82	338338	40.74	ng	# 71
27) 2,4-Dimethylphenol	7.67	122	28644	8.36	ng	# 1
32) Benzoic acid	7.67	122	28644	14.87	ng	88
49) Dimethylphthalate	9.39	163	123809	15.97	ng	100
56) 2,4-Dinitrotoluene	9.66	165	12186	5.52	ng	# 17
66) 4-Bromophenyl-phenylether	10.44	248	6655	4.01	ng	# 1

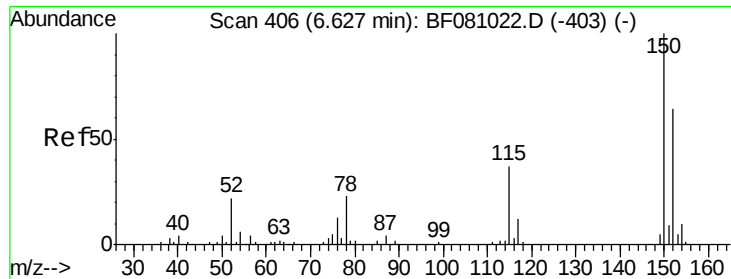
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Mon Aug 17 17:57:25 2015
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.63 min Scan# 406

Delta R.T. 0.00 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-1

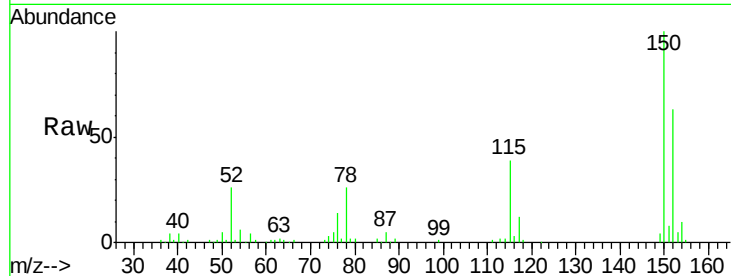
Tot Ion:152 Resp: 56457

Ion Ratio Lower Upper

152 100

150 157.5 123.8 185.6

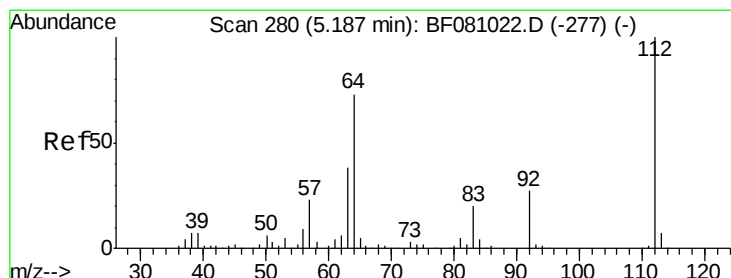
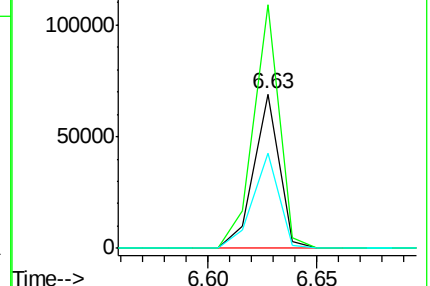
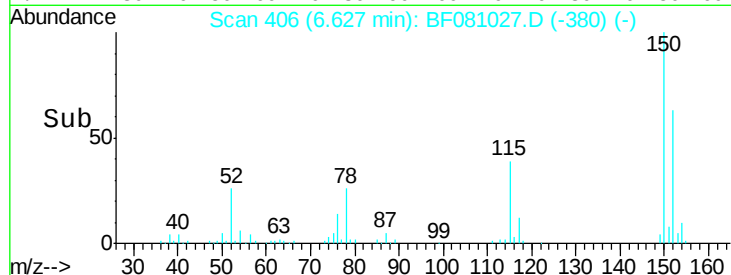
115 61.8 52.1 78.1



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: 92.94 ng

RT: 5.20 min Scan# 281

Delta R.T. 0.01 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

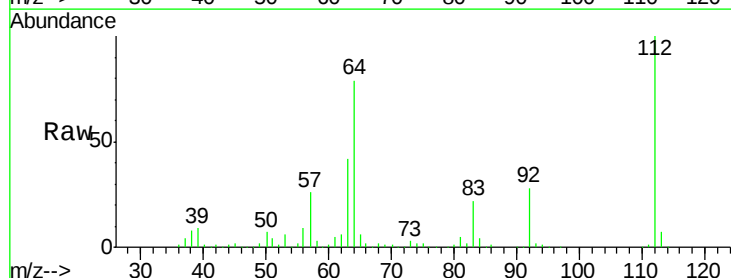
Tgt Ion:112 Resp: 348860

Ion Ratio Lower Upper

112 100

64 78.7 66.9 100.3

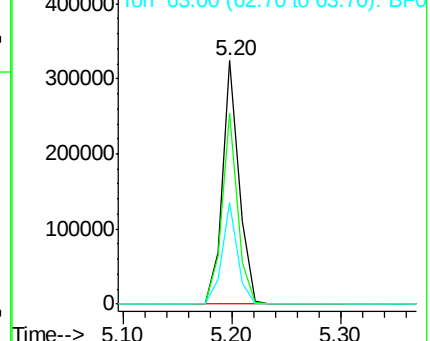
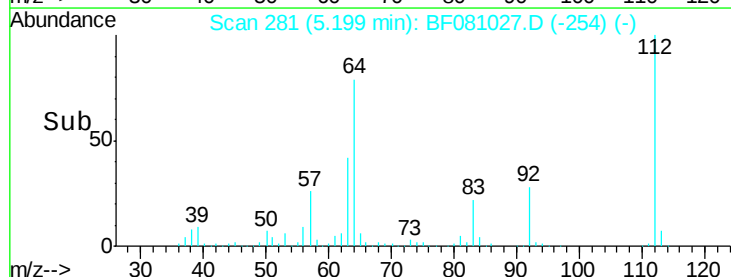
63 41.8 38.1 57.1

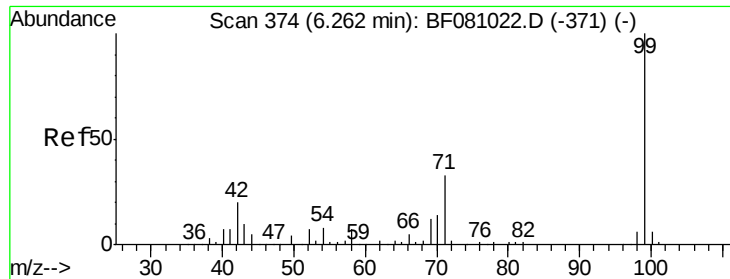


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 114.74 ng

RT: 6.27 min Scan# 375

Delta R.T. 0.01 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-1

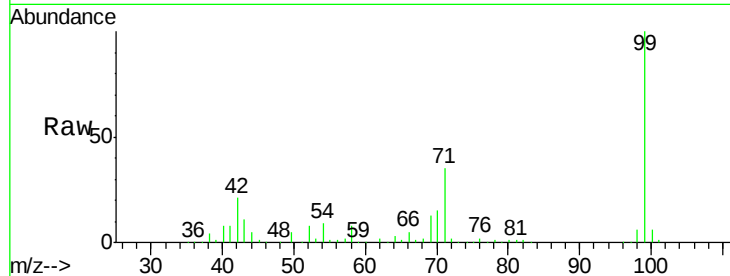
Tot Ion: 99 Resp: 561928

Ion Ratio Lower Upper

99 100

42 21.5 19.6 29.4

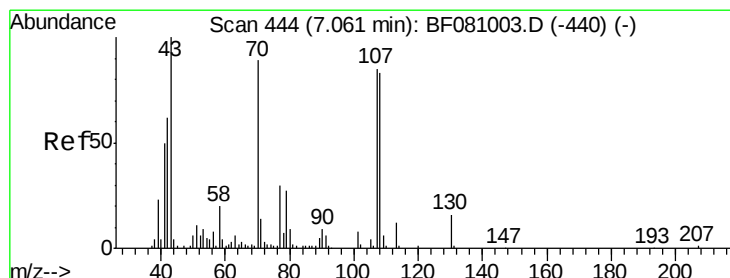
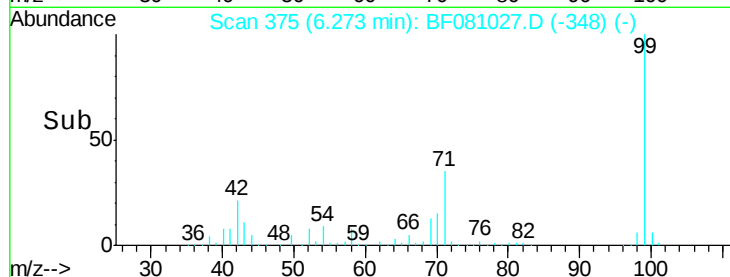
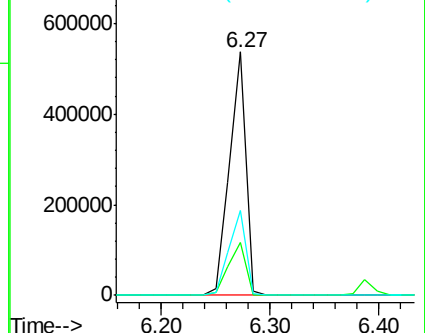
71 35.1 31.2 46.8



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: 13.48 ng

RT: 7.20 min Scan# 456

Delta R.T. 0.15 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

Tgt Ion: 70 Resp: 45744

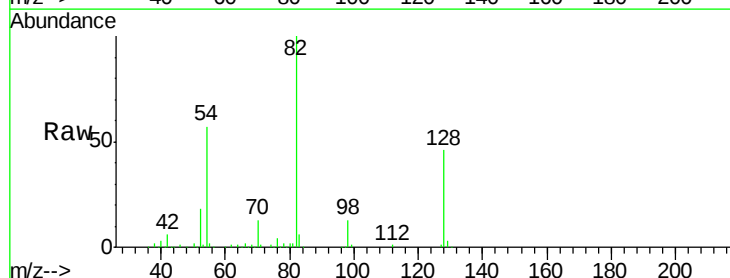
Ion Ratio Lower Upper

70 100

42 47.8 65.0 97.4#

101 0.0 7.4 11.2#

130 2.2 13.0 19.4#

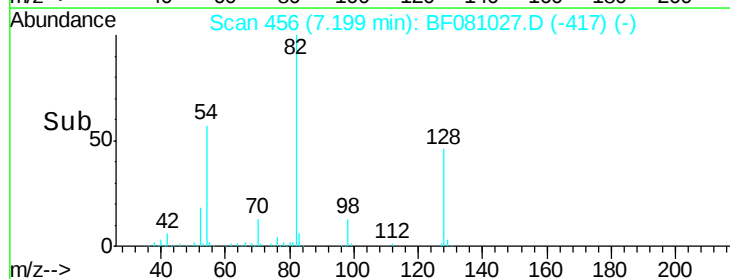
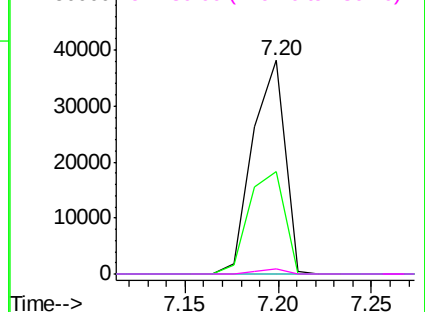


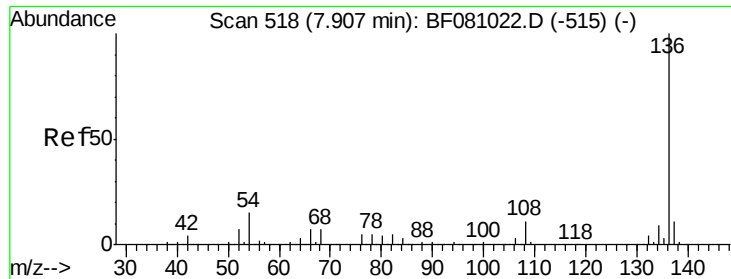
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

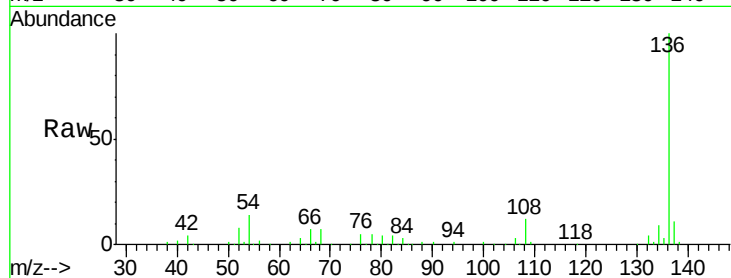




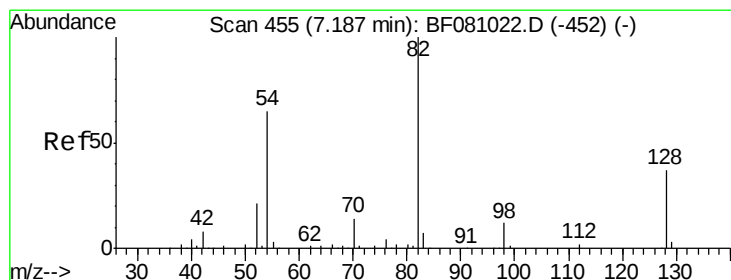
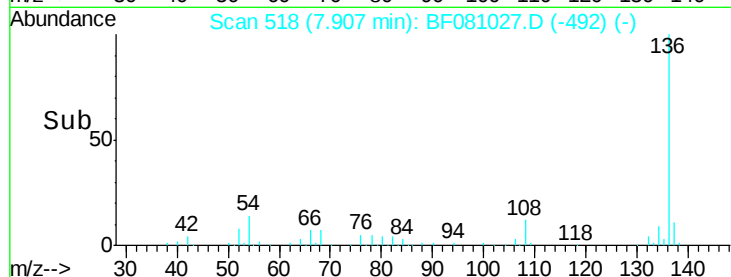
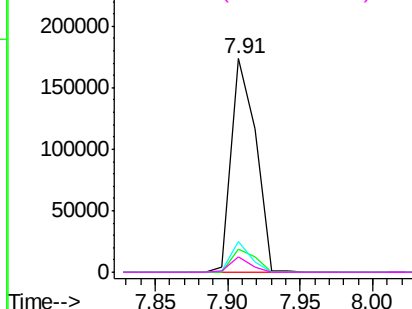
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.91 min Scan# 518
Delta R.T. 0.00 min
Lab File: BF081027.D
Acq: 18 Aug 2015 3:45

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-1

Tot Ion:	136	Resp:	203431
Ion	Ratio	Lower	Upper
136	100		
137	10.6	8.2	12.2
54	14.2	7.7	11.5#
68	7.4	3.4	5.2#

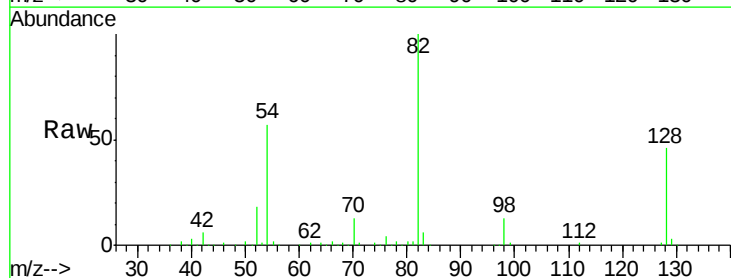


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

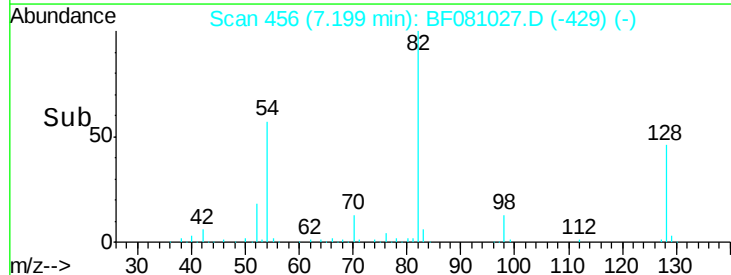
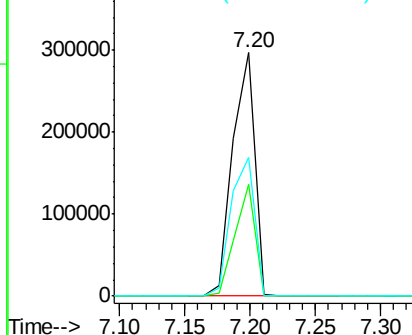


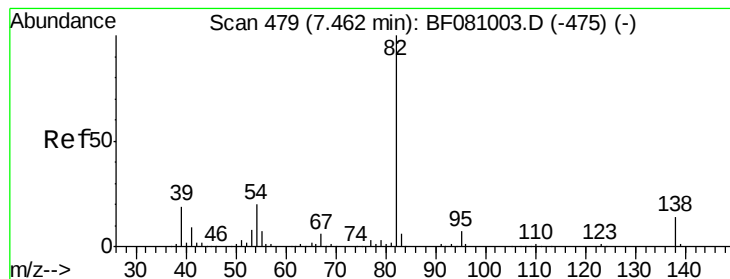
#23
Nitrobenzene-d5
Concen: 77.94 ng
RT: 7.20 min Scan# 456
Delta R.T. 0.01 min
Lab File: BF081027.D
Acq: 18 Aug 2015 3:45

Tgt Ion:	82	Resp:	347097
Ion	Ratio	Lower	Upper
82	100		
128	45.7	28.6	42.8#
54	57.2	55.1	82.7



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: 40.74 ng

RT: 7.20 min Scan# 456

Delta R.T. -0.25 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-1

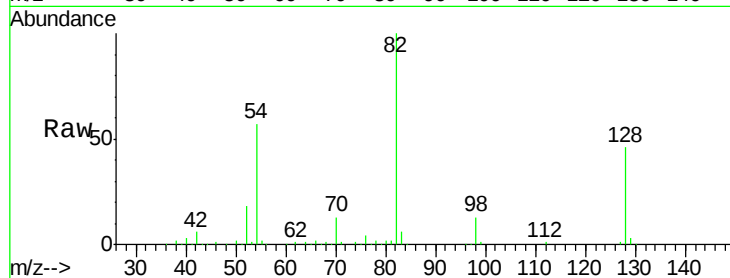
Tot Ion: 82 Resp: 338338

Ion Ratio Lower Upper

82 100

95 0.0 6.2 9.2#

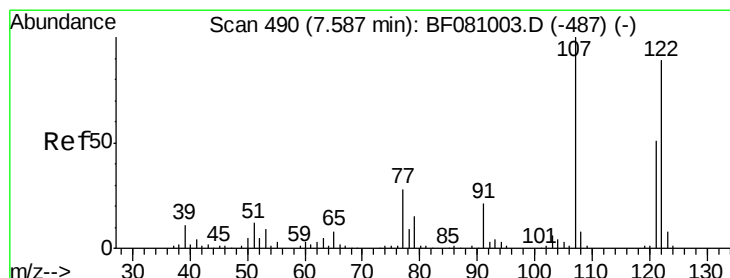
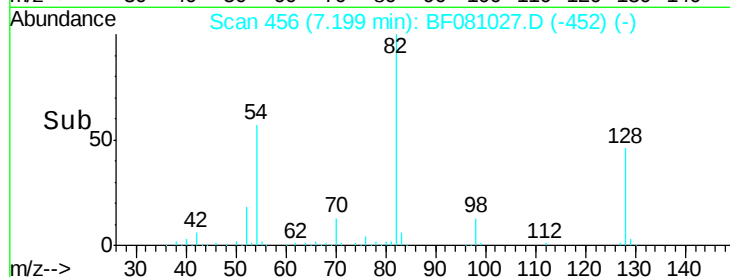
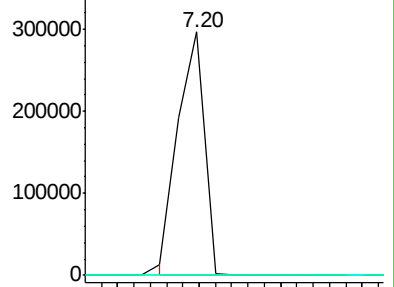
138 0.0 10.5 15.7#



Abundance Ion 82.00 (81.70 to 82.70): BF081003.D (-475) (-)

Ion 95.00 (94.70 to 95.70): BF081003.D (-475) (-)

Ion 138.00 (137.70 to 138.70): BF081003.D (-475) (-)



#27

2,4-Dimethylphenol

Concen: 8.36 ng

RT: 7.67 min Scan# 497

Delta R.T. 0.09 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

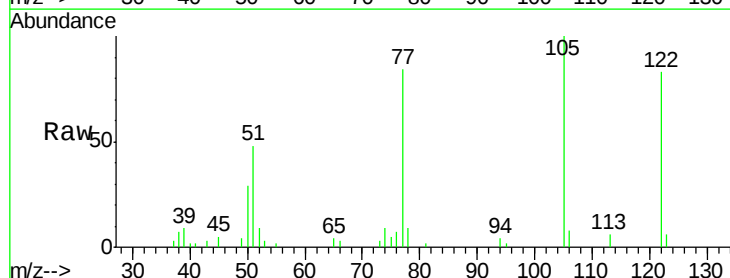
Tgt Ion: 122 Resp: 28644

Ion Ratio Lower Upper

122 100

107 0.0 103.8 155.6#

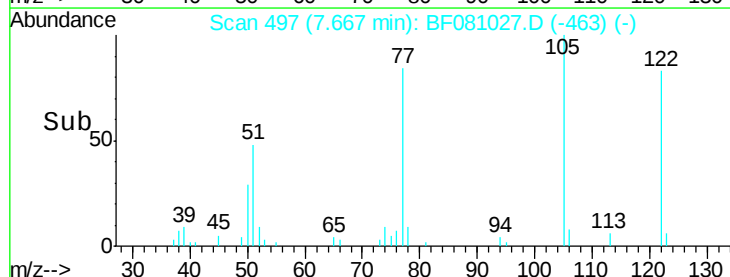
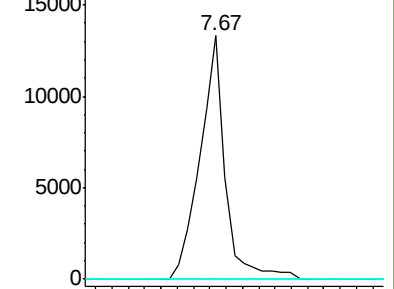
121 0.0 47.0 70.4#

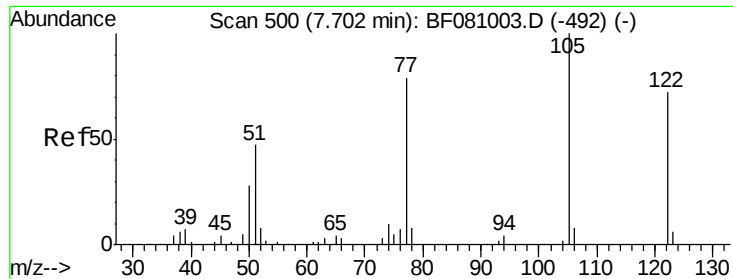


Abundance Ion 122.00 (121.70 to 122.70): BF081003.D (-487) (-)

Ion 107.00 (106.70 to 107.70): BF081003.D (-487) (-)

Ion 121.00 (120.70 to 121.70): BF081003.D (-487) (-)

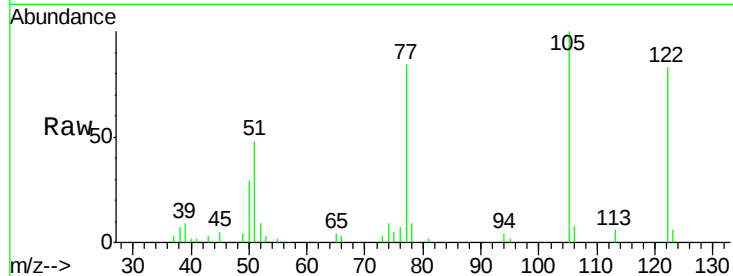




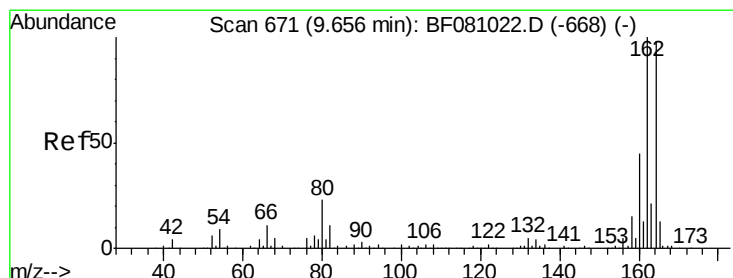
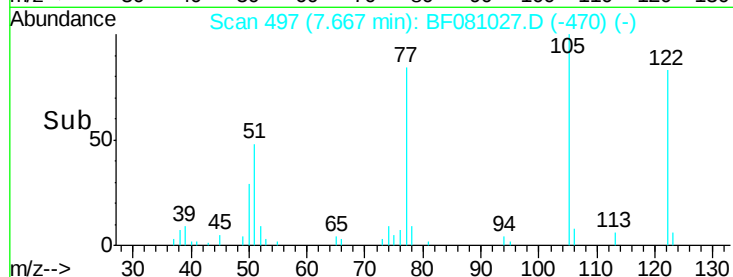
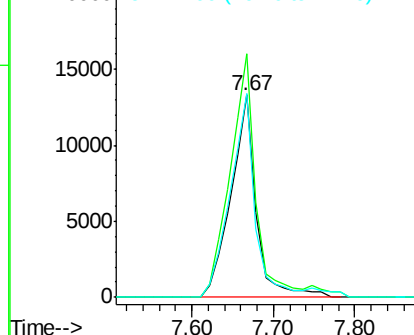
#32
Benzoic acid
Concen: 14.87 ng
RT: 7.67 min Scan# 497
Delta R.T. 0.01 min
Lab File: BF081027.D
Acq: 18 Aug 2015 3:45

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-1

Tot Ion:122 Resp: 28644
Ion Ratio Lower Upper
122 100
105 120.2 113.8 153.8
77 100.9 93.8 133.8

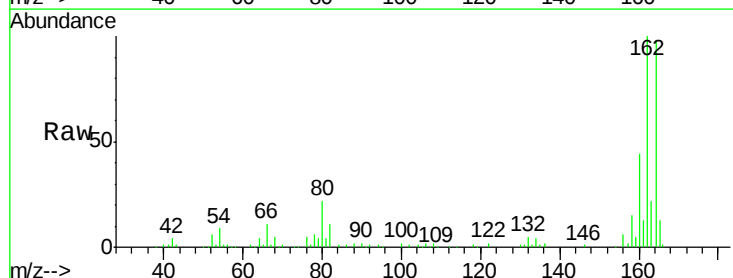


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

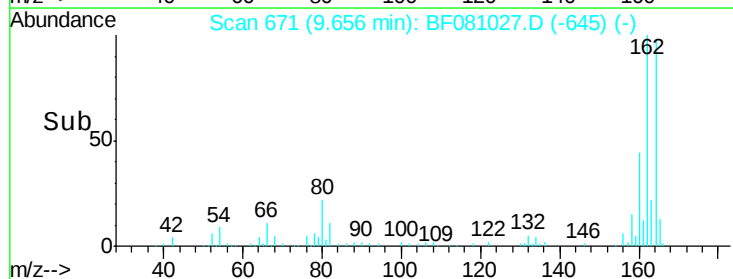
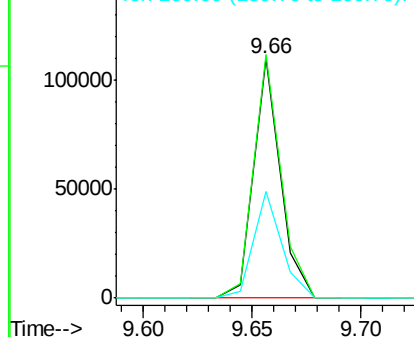


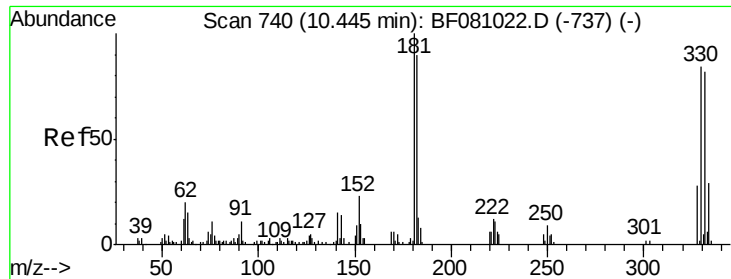
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.66 min Scan# 671
Delta R.T. 0.00 min
Lab File: BF081027.D
Acq: 18 Aug 2015 3:45

Tgt Ion:164 Resp: 94145
Ion Ratio Lower Upper
164 100
162 101.6 83.8 125.8
160 44.8 39.8 59.8



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

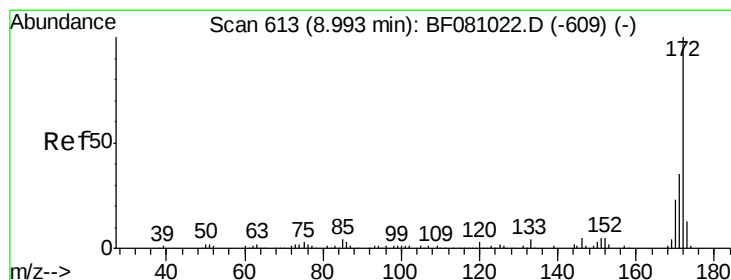
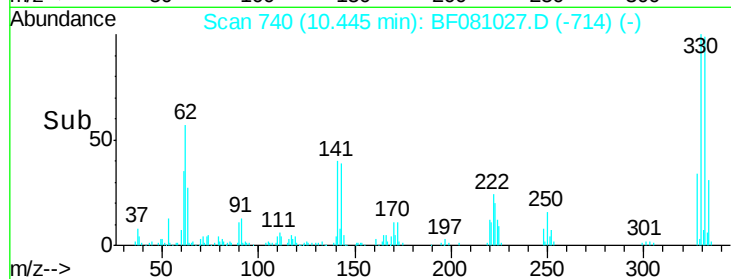
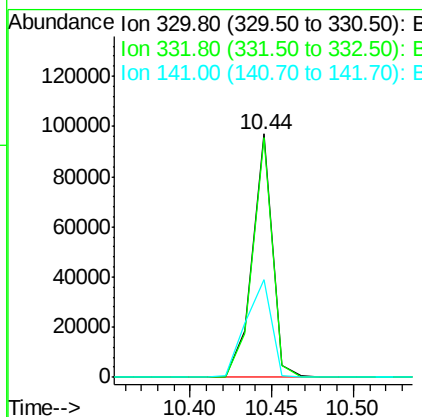
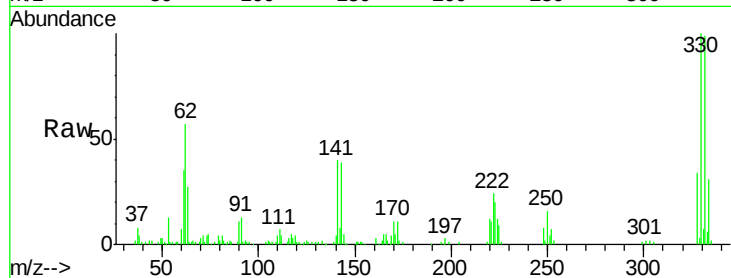




#41
 2,4,6-Tribromophenol
 Concen: 101.95 ng
 RT: 10.44 min Scan# 740
 Delta R.T. 0.00 min
 Lab File: BF081027.D
 Acq: 18 Aug 2015 3:45

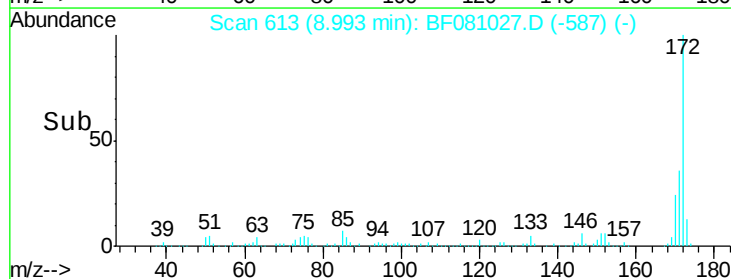
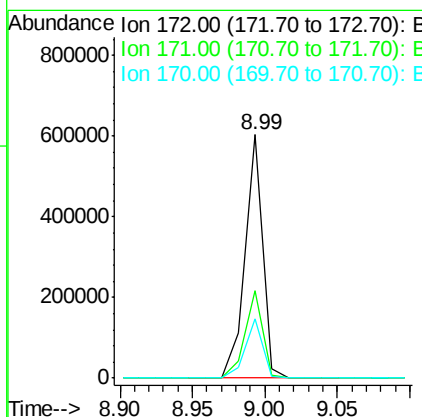
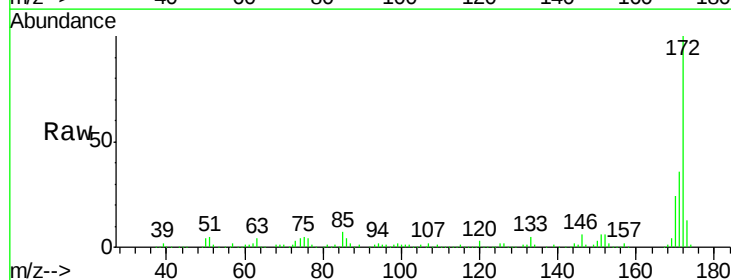
Instrument :
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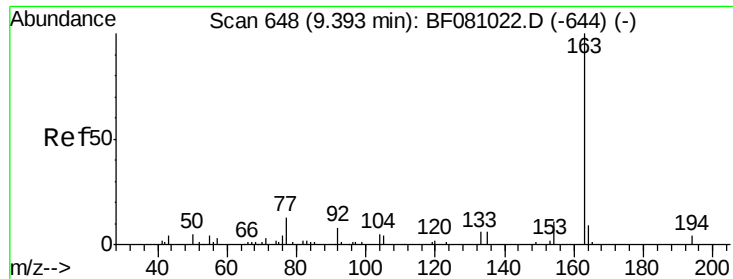
Tot Ion:330 Resp: 83198
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.3 115.9
 141 51.1 44.9 67.3



#44
 2-Fluorobiphenyl
 Concen: 71.18 ng
 RT: 8.99 min Scan# 613
 Delta R.T. 0.00 min
 Lab File: BF081027.D
 Acq: 18 Aug 2015 3:45

Tgt Ion:172 Resp: 511454
 Ion Ratio Lower Upper
 172 100
 171 36.0 28.9 43.3
 170 24.4 19.4 29.2

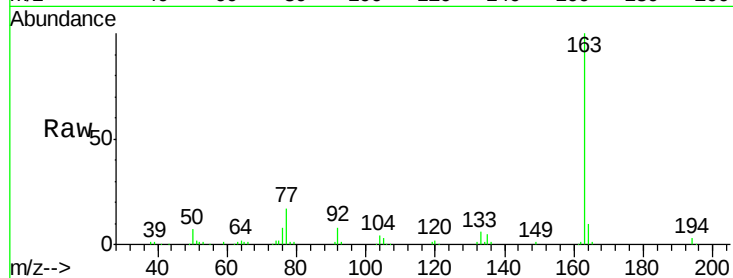




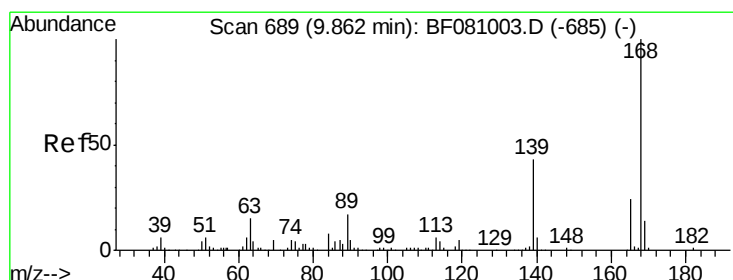
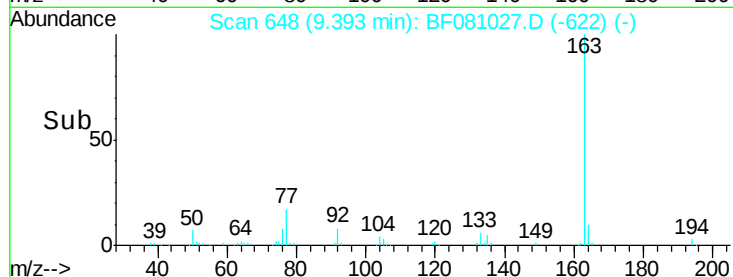
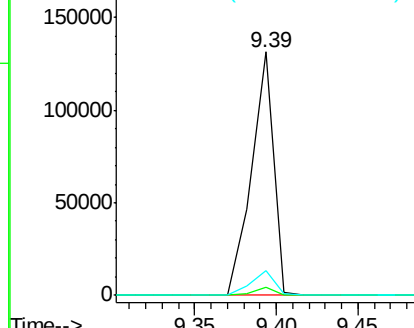
#49
Dimethylphthalate
Concen: 15.97 ng
RT: 9.39 min Scan# 648
Delta R.T. 0.00 min
Lab File: BF081027.D
Acq: 18 Aug 2015 3:45

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-1

Tot Ion	Ratio	Lower	Upper
163	100		
194	3.5	2.5	3.7
164	10.1	8.1	12.1

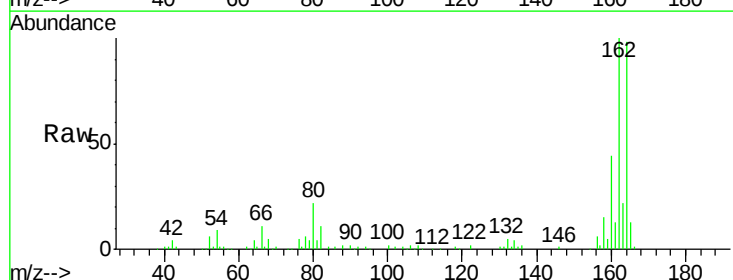


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

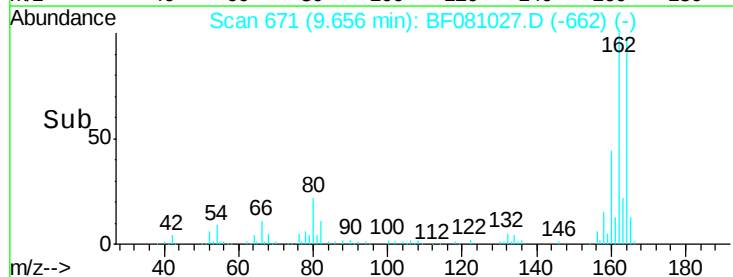
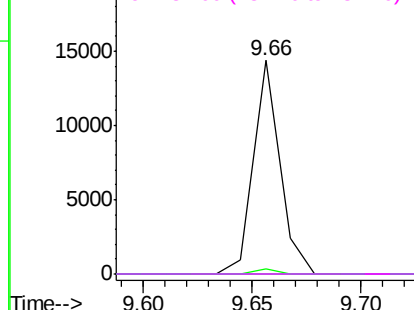


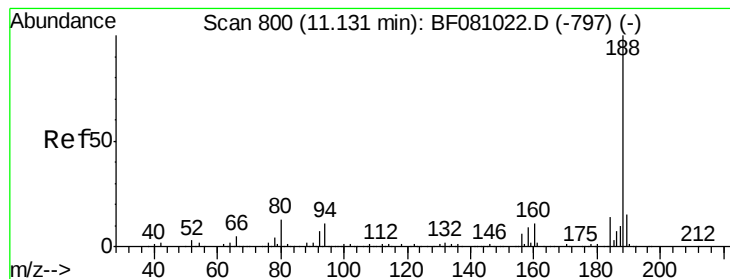
#56
2,4-Dinitrotoluene
Concen: 5.52 ng
RT: 9.66 min Scan# 671
Delta R.T. -0.19 min
Lab File: BF081027.D
Acq: 18 Aug 2015 3:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.5	52.2	78.4#
89	0.0	60.1	90.1#
182	0.0	1.8	2.6#



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: 11.13 min Scan# 800

Delta R.T. 0.00 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-1

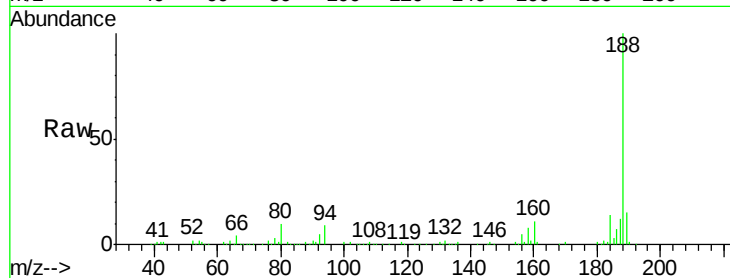
Tot Ion:188 Resp: 168825

Ion Ratio Lower Upper

188 100

94 8.9 8.2 12.2

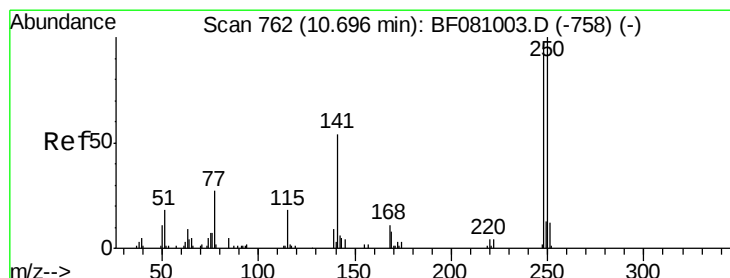
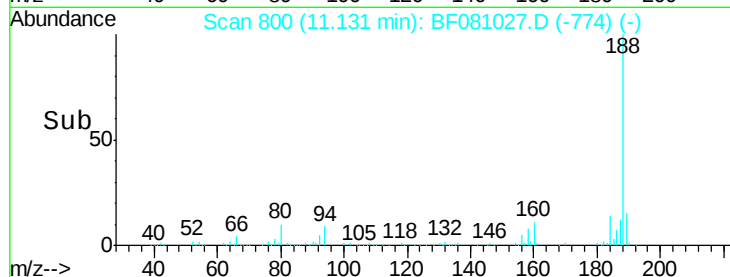
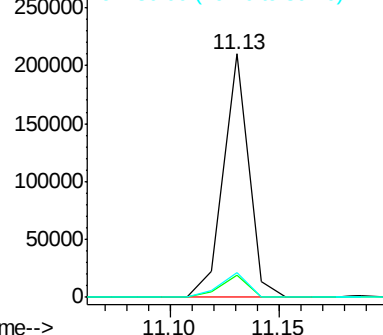
80 10.0 9.5 14.3



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: 4.01 ng

RT: 10.44 min Scan# 740

Delta R.T. -0.24 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

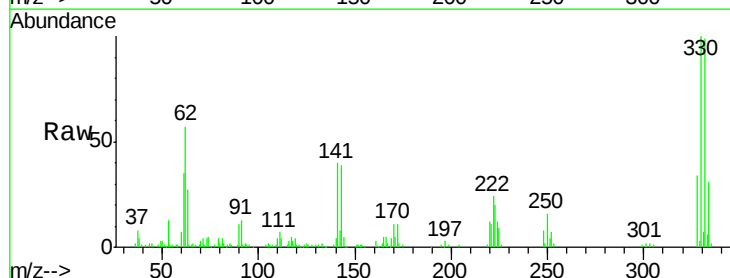
Tgt Ion:248 Resp: 6655

Ion Ratio Lower Upper

248 100

250 204.7 77.8 116.6#

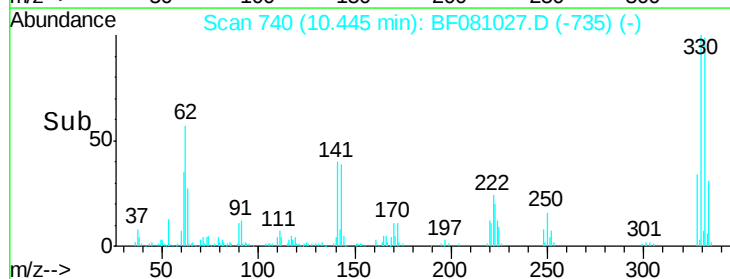
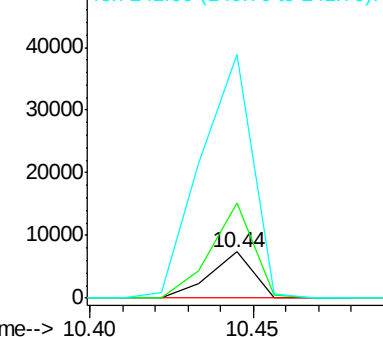
141 525.4 39.8 59.6#

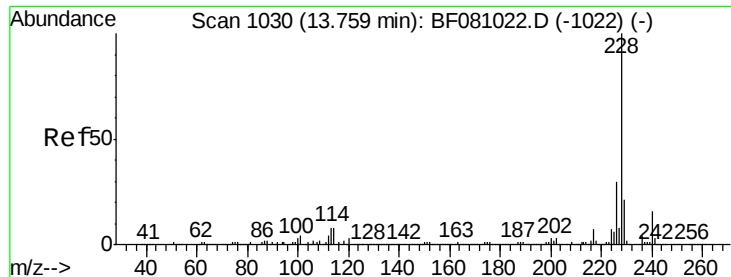


Abundance Ion 248.00 (247.70 to 248.70): E

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: 13.75 min Scan# 1029

Delta R.T. 0.00 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

Instrument :

BNA_F

ClientSampleId :

RAMPB-T(0-2)-1

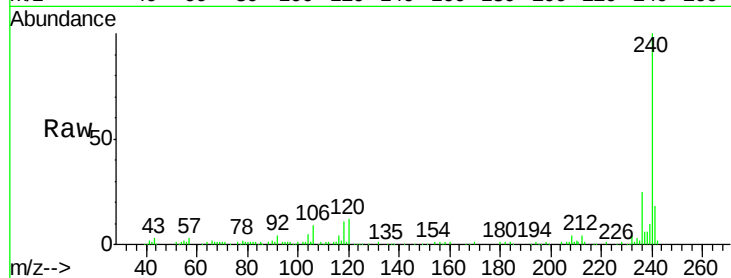
Tot Ion:240 Resp: 118572

Ion Ratio Lower Upper

240 100

120 12.3 5.6 8.4#

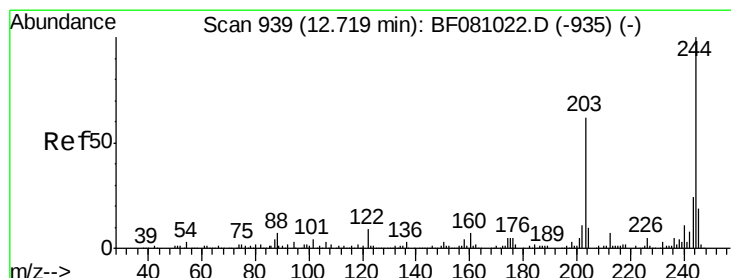
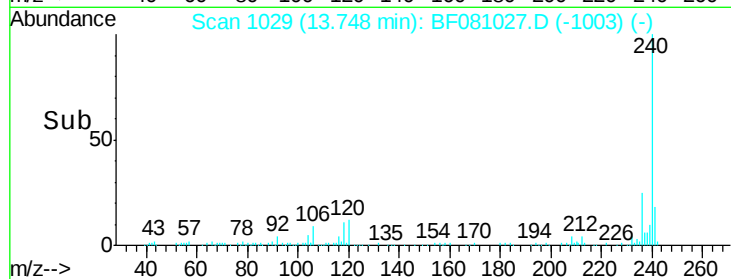
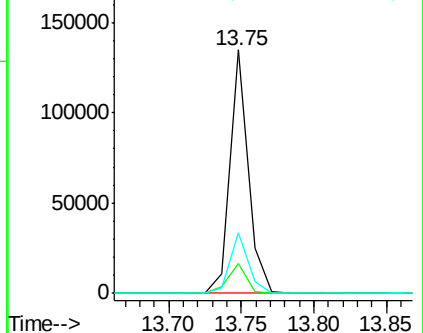
236 25.0 20.6 30.8



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: 66.98 ng

RT: 12.72 min Scan# 939

Delta R.T. 0.01 min

Lab File: BF081027.D

Acq: 18 Aug 2015 3:45

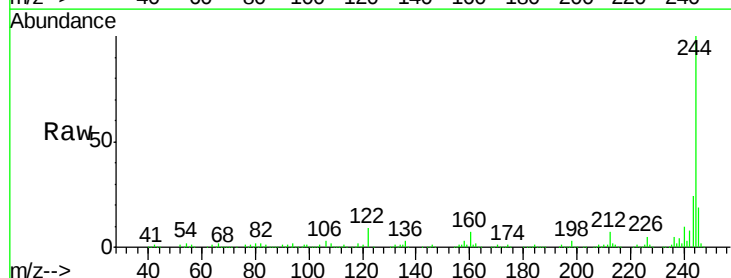
Tgt Ion:244 Resp: 370462

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

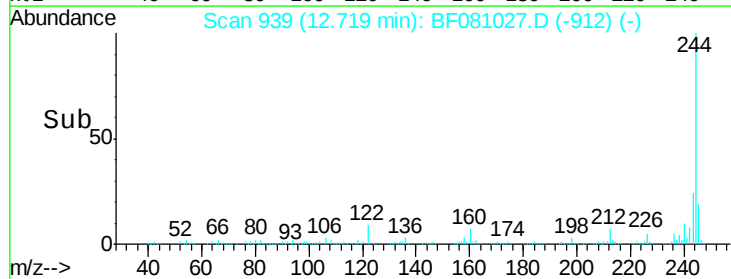
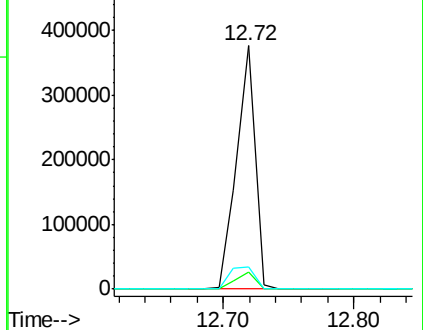
122 8.9 8.2 12.4

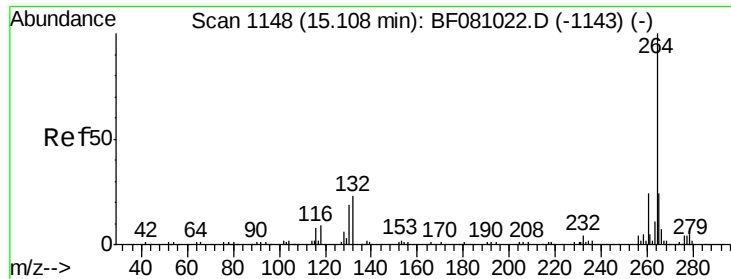


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.10 min Scan# 1147
Delta R.T. 0.00 min
Lab File: BF081027.D
Acq: 18 Aug 2015 3:45

Instrument :
BNA_F
ClientSampleId :
RAMPB-T(0-2)-1

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.6	29.4
265	20.8	17.5	26.3

