

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
 Data File : BF079262.D
 Acq On : 15 May 2015 8:28
 Operator : TP/IZ
 Sample : G2231-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 15 13:42:54 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 15 01:57:52 2015
 Response via : Initial Calibration

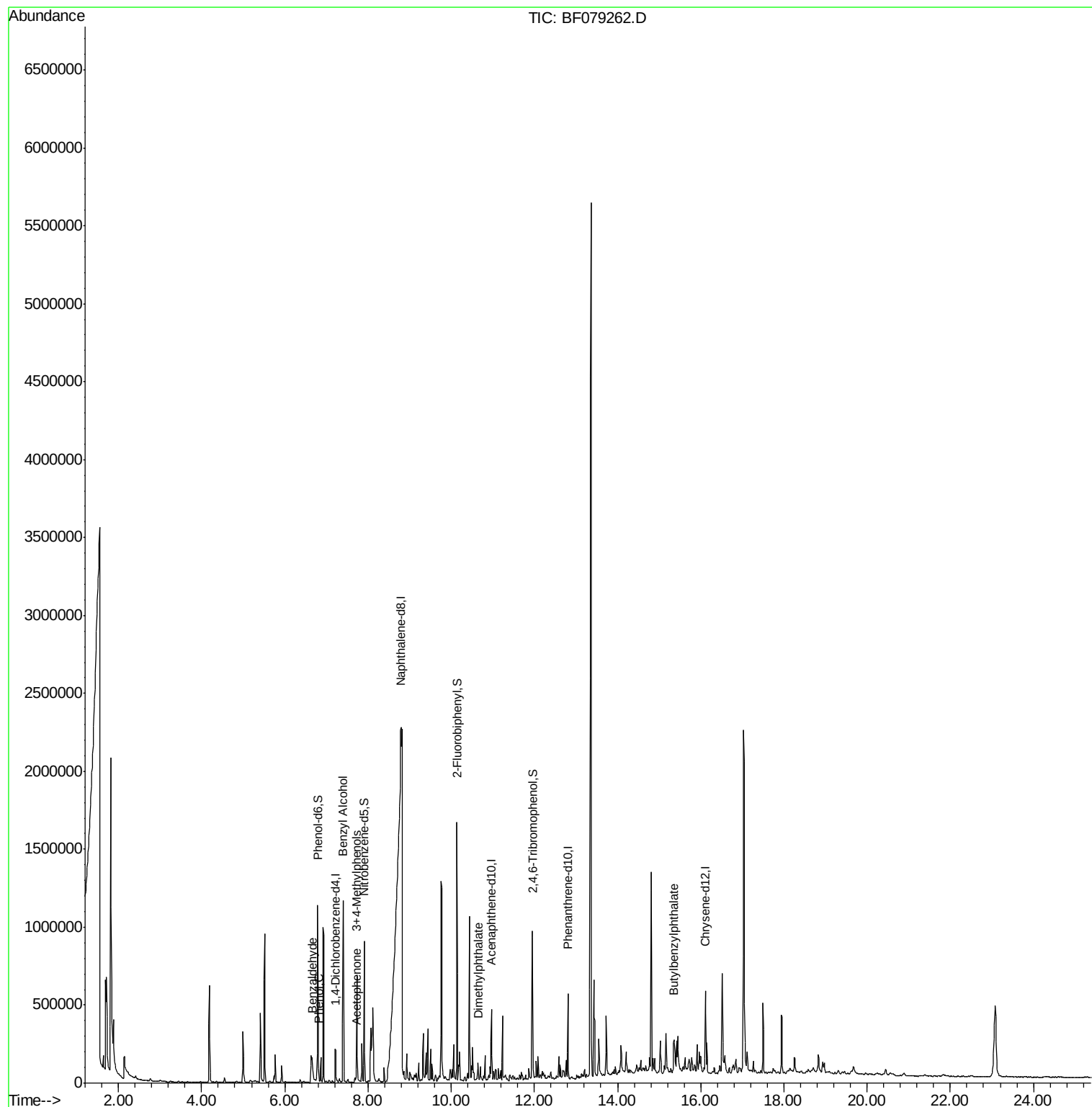
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.22	152	48256	20.00	ng	0.00
21) Naphthalene-d8	8.79	136	189216	20.00	ng	-0.01
38) Acenaphthene-d10	10.97	164	103089	20.00	ng	0.00
63) Phenanthrene-d10	12.81	188	203239	20.00	ng	-0.01
75) Chrysene-d12	16.11	240	220715	20.00	ng	-0.39
86) Perylene-d12	0.00	264	0	0.00	ng	-18.88
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.79	99	415966	112.26	ng	0.00
23) Nitrobenzene-d5	7.91	82	279368	84.85	ng	-0.01
41) 2,4,6-Tribromophenol	11.95	330	157195	140.95	ng	0.00
44) 2-Fluorobiphenyl	10.14	172	575483	77.77	ng	-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng	
Target Compounds						
9) Benzaldehyde	6.66	77	27577	11.05	ng	Qvalue 93
10) Phenol	6.81	94	29813	6.94	ng	99
15) Benzyl Alcohol	7.40	79	13608	4.95	ng	# 80
20) 3+4-Methylphenols	7.74	107	155094	45.49	ng	# 45
22) Acetophenone	7.72	105	13106	3.07	ng	# 99
49) Dimethylphthalate	10.65	163	45820	6.06	ng	# 98
79) Butylbenzylphthalate	15.36	149	118230	21.27	ng	# 27

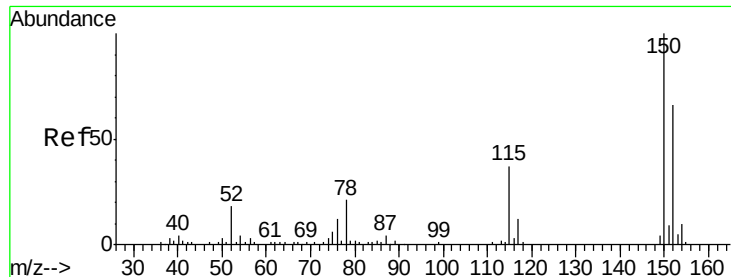
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
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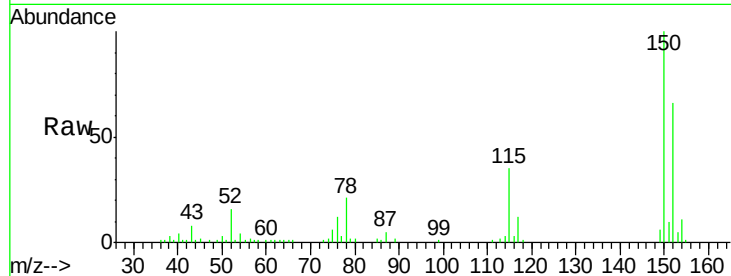




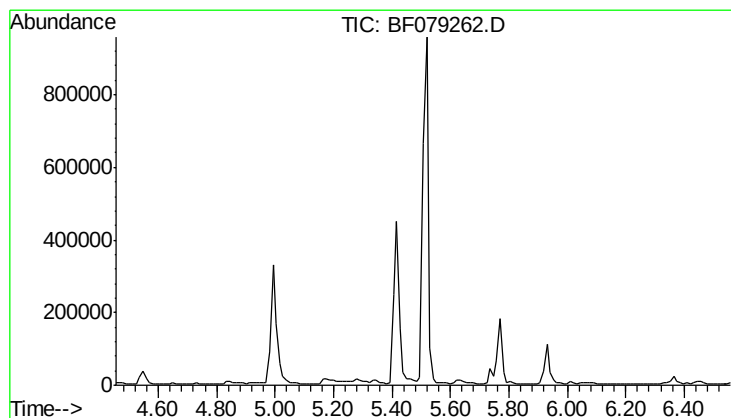
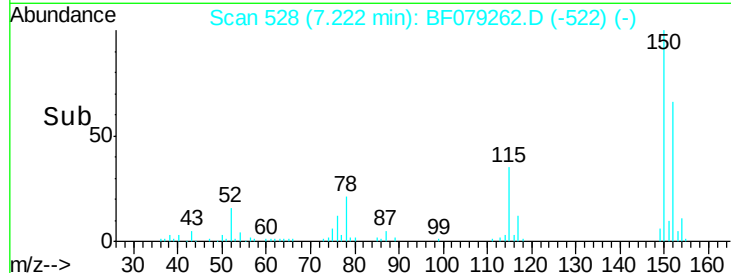
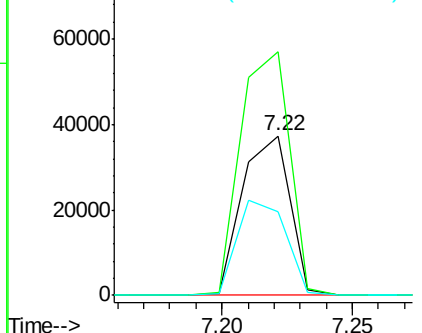
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.22 min Scan# 528
 Delta R.T. -0.00 min
 Lab File: BF079262.D
 Acq: 15 May 2015 8:28

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:	152	Resp:	48256
Ion	Ratio	Lower	Upper
152	100		
150	152.7	123.8	185.8
115	52.8	49.4	74.0

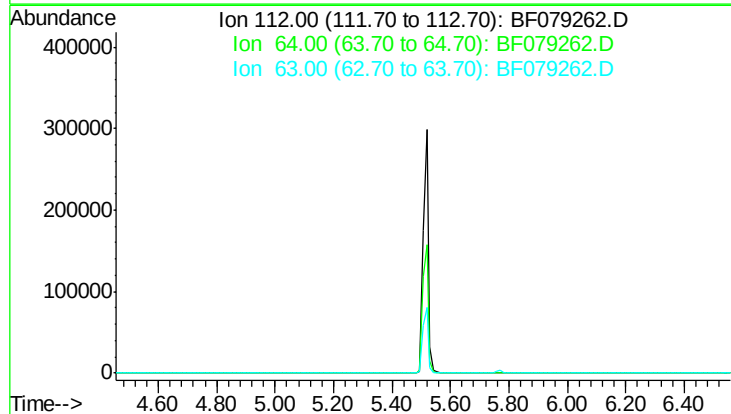


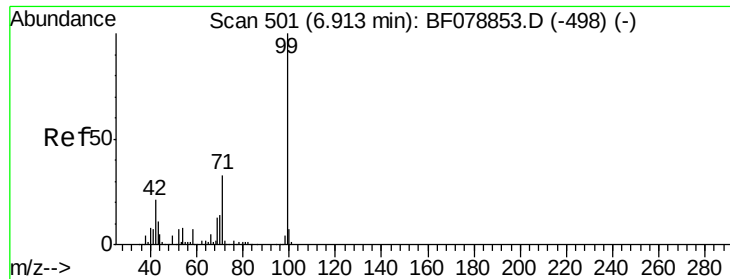
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.51 min
 Lab File: BF079262.D
 Acq: 15 May 2015 8:28

Tgt Ion:	112
Sig	Exp Ratio
112	100
64	55.2
63	28.4





#7

Phenol-d6

Concen: 112.26 ng

RT: 6.79 min Scan# 490

Delta R.T. -0.00 min

Lab File: BF079262.D

Acq: 15 May 2015 8:28

Instrument :

BNA_F

ClientSampled :

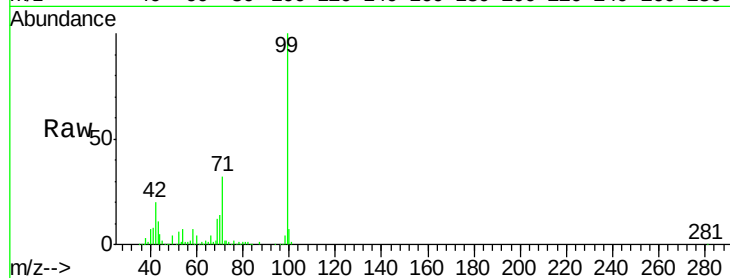
Tot Ion: 99 Resp: 415966

Ion Ratio Lower Upper

99 100

42 19.8 17.1 25.7

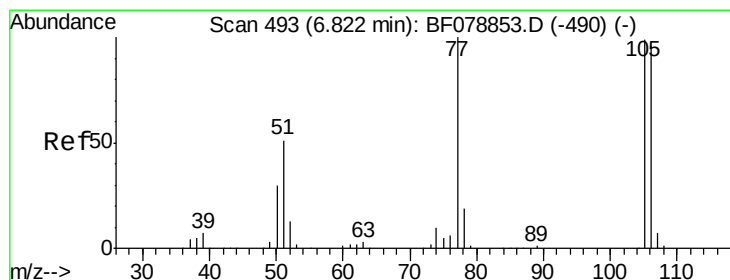
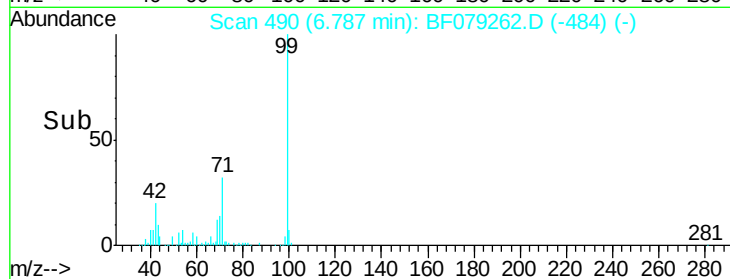
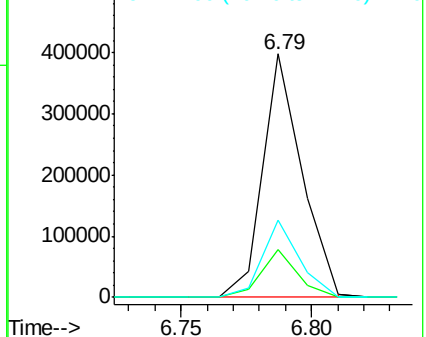
71 31.8 26.3 39.5



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



#9

Benzaldehyde

Concen: 11.05 ng

RT: 6.66 min Scan# 479

Delta R.T. -0.00 min

Lab File: BF079262.D

Acq: 15 May 2015 8:28

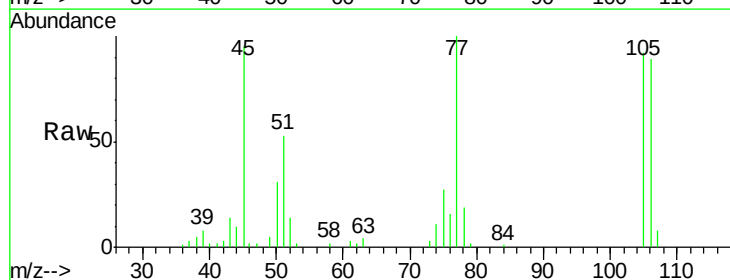
Tgt Ion: 77 Resp: 27577

Ion Ratio Lower Upper

77 100

105 92.1 78.9 118.9

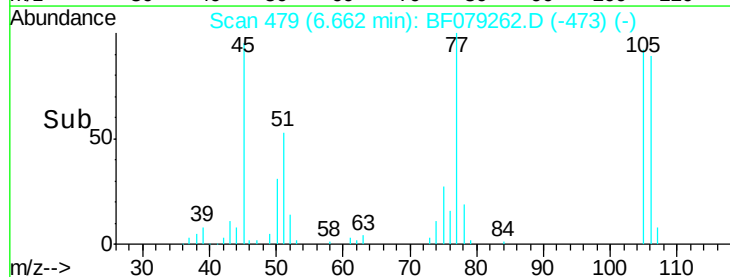
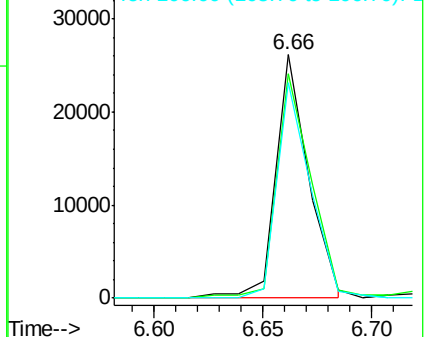
106 88.7 75.8 115.8

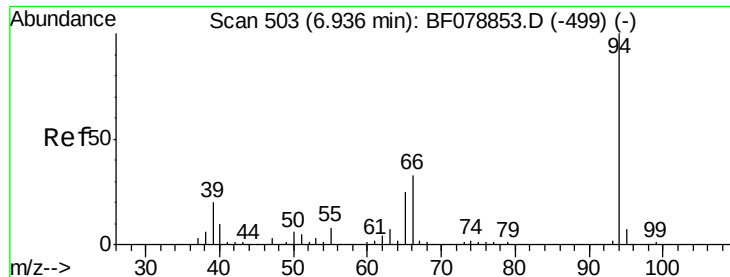


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#10

Phenol

Concen: 6.94 ng

RT: 6.81 min Scan# 492

Delta R.T. 0.01 min

Lab File: BF079262.D

Acq: 15 May 2015 8:28

Instrument :

BNA_F

ClientSampleId :

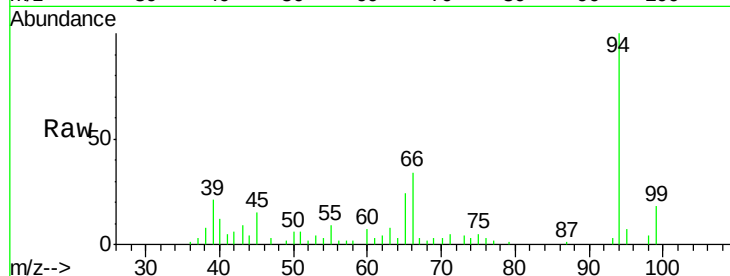
Tot Ion: 94 Resp: 29813

Ion Ratio Lower Upper

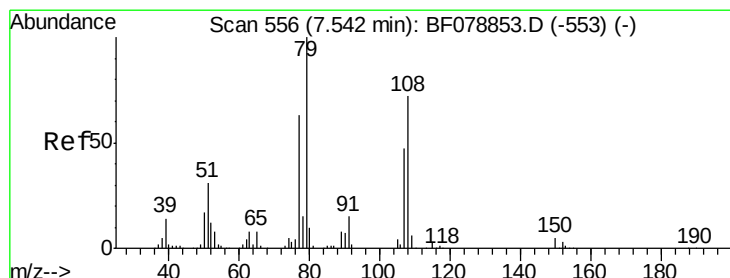
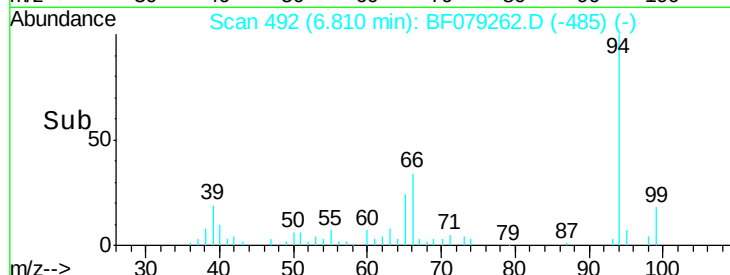
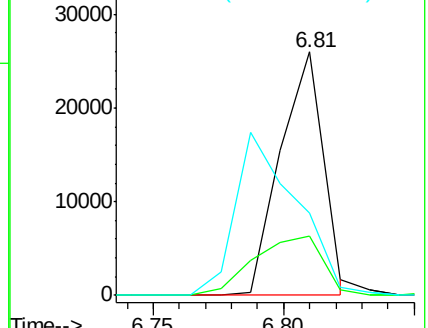
94 100

65 24.3 5.1 45.1

66 33.6 13.1 53.1



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0



#15

Benzyl Alcohol

Concen: 4.95 ng

RT: 7.40 min Scan# 544

Delta R.T. -0.00 min

Lab File: BF079262.D

Acq: 15 May 2015 8:28

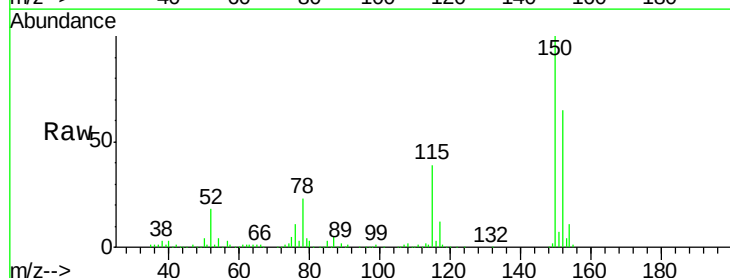
Tgt Ion: 79 Resp: 13608

Ion Ratio Lower Upper

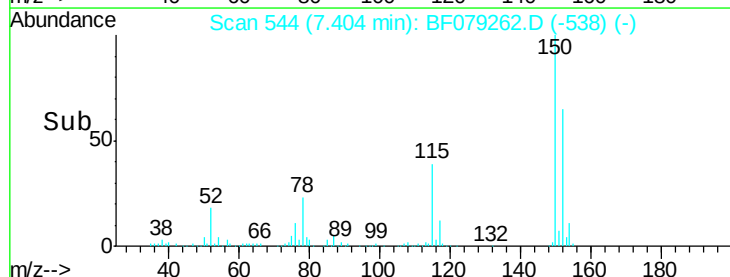
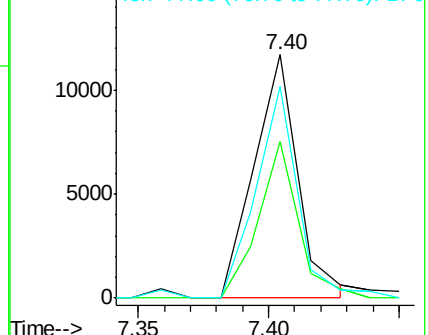
79 100

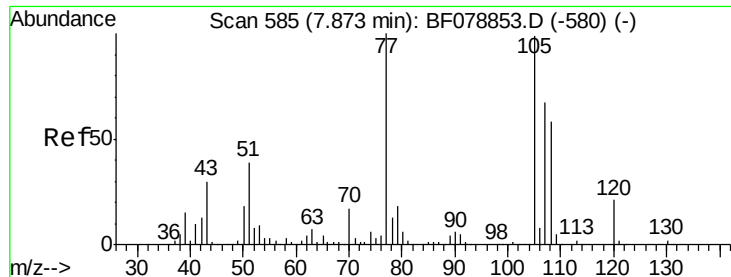
108 64.2 57.4 86.2

77 87.1 50.2 75.4#



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

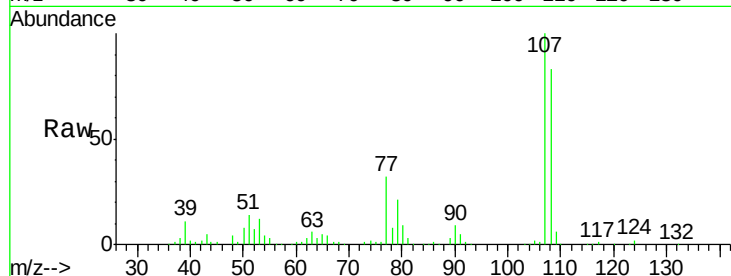




#20
3+4-Methylphenols
Concen: 45.49 ng
RT: 7.74 min Scan# 573
Delta R.T. -0.01 min
Lab File: BF079262.D
Acq: 15 May 2015 8:28

Instrument :
BNA_F
ClientSampled :

Tot Ion:	107	Resp:	155094
Ion	Ratio	Lower	Upper
107	100		
108	83.3	66.5	106.5
77	32.3	130.6	170.6#
79	21.3	6.4	46.4



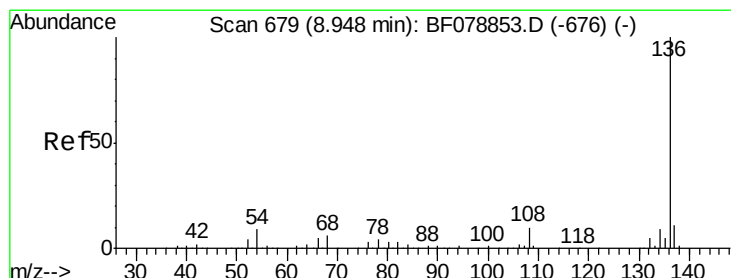
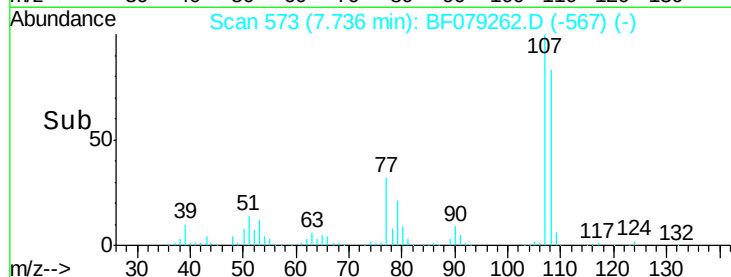
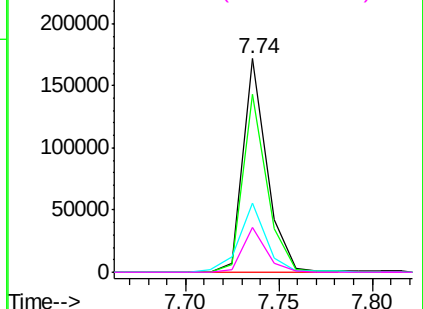
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

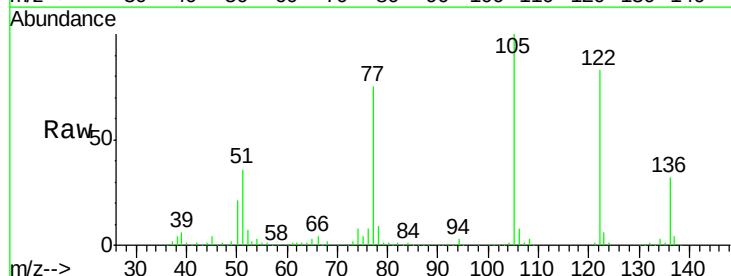
Ion 77.00 (76.70 to 77.70): BF0

Ion 79.00 (78.70 to 79.70): BF0



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.79 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF079262.D
Acq: 15 May 2015 8:28

Tgt Ion:	136	Resp:	189216
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.8	13.2
54	9.7	6.9	10.3
68	7.5	4.9	7.3#



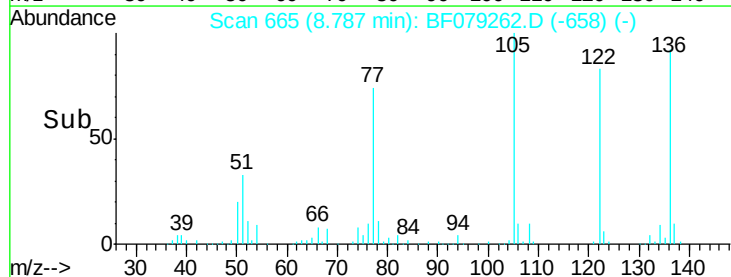
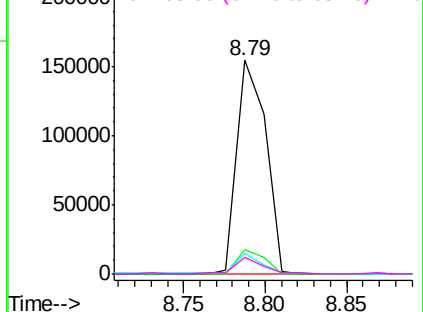
Abundance

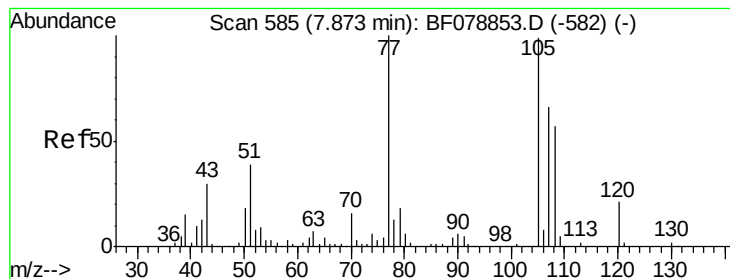
Ion 136.00 (135.70 to 136.70): E

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





#22

Acetophenone

Concen: 3.07 ng

RT: 7.72 min Scan# 572

Delta R.T. -0.00 min

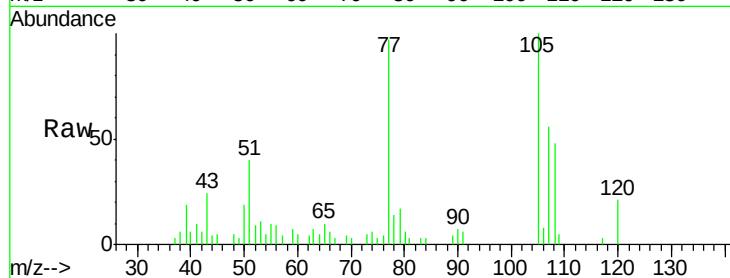
Lab File: BF079262.D

Acq: 15 May 2015 8:28

Instrument :

BNA_F

ClientSampled :



Tot Ion:105 Resp: 13106

Ion Ratio Lower Upper

105 100

71 0.0 2.2 3.4#

51 39.7 31.1 46.7

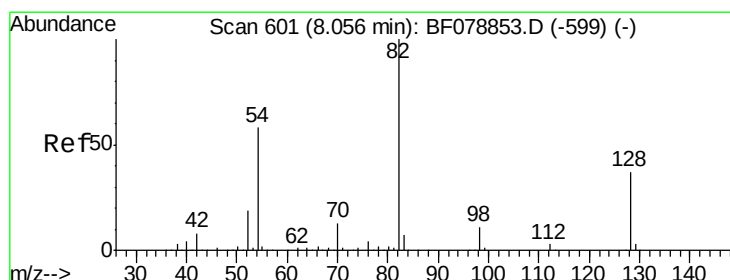
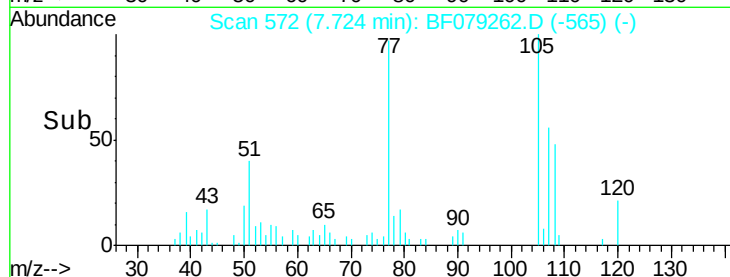
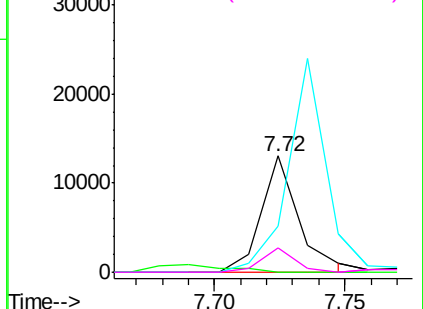
120 20.7 16.7 25.1

Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 84.85 ng

RT: 7.91 min Scan# 588

Delta R.T. -0.01 min

Lab File: BF079262.D

Acq: 15 May 2015 8:28

Tgt Ion: 82 Resp: 279368

Ion Ratio Lower Upper

82 100

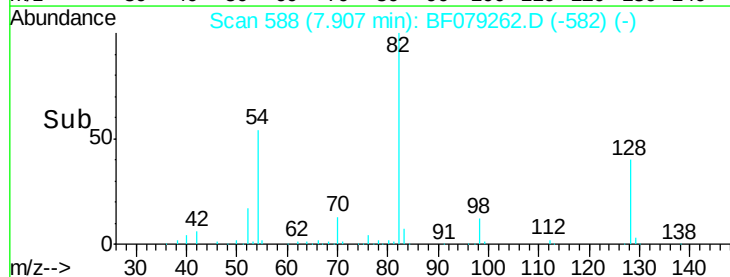
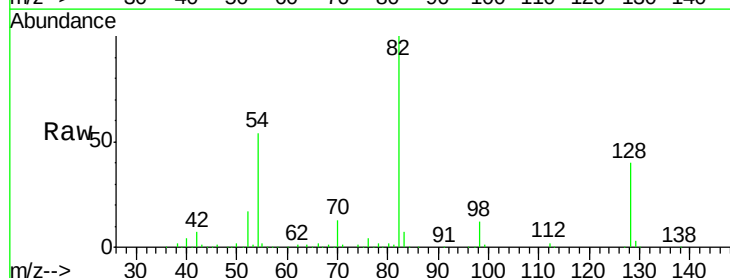
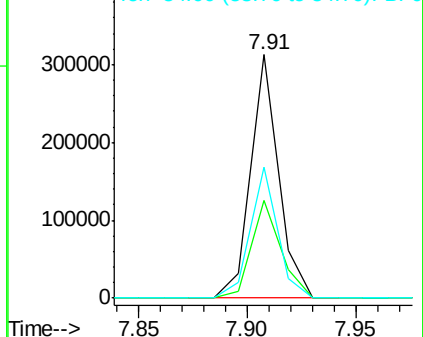
128 40.3 29.7 44.5

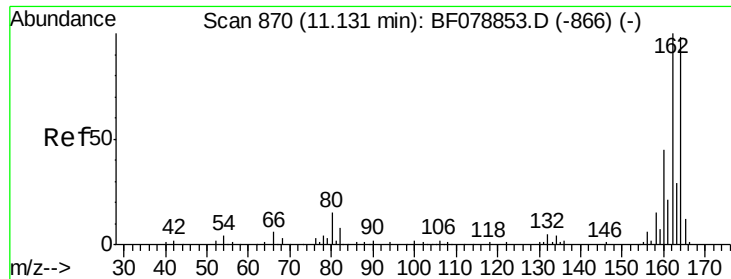
54 53.9 46.2 69.4

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

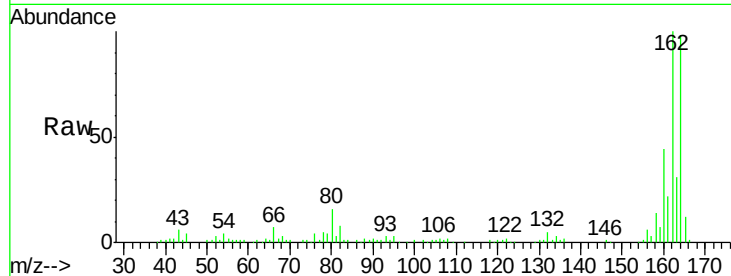




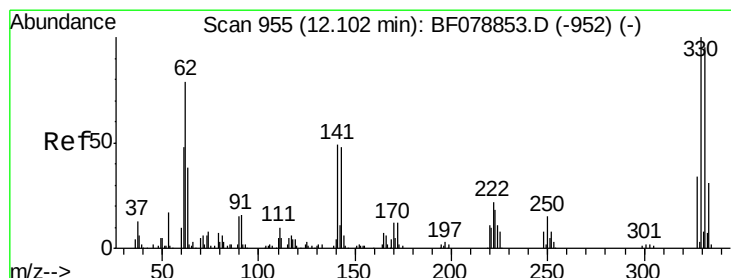
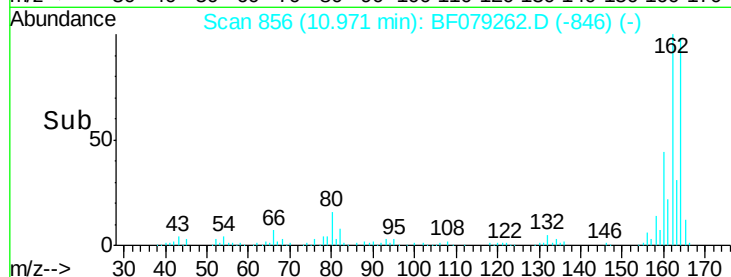
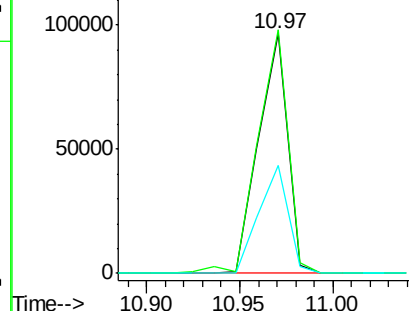
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.97 min Scan# 856
 Delta R.T. -0.00 min
 Lab File: BF079262.D
 Acq: 15 May 2015 8:28

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 103089
 Ion Ratio Lower Upper
 164 100
 162 101.6 81.4 122.0
 160 45.1 36.6 54.8

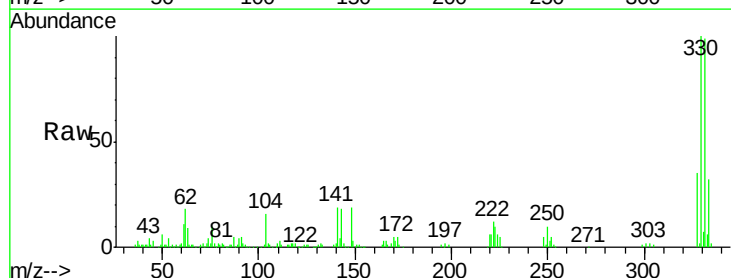


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

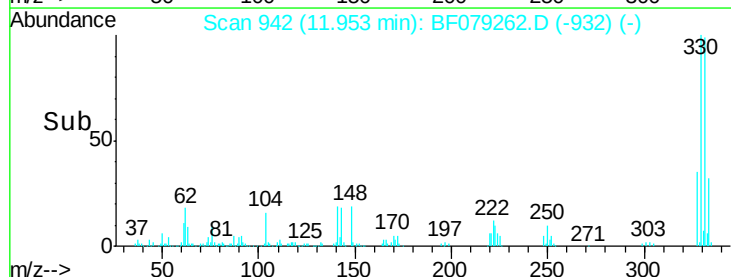
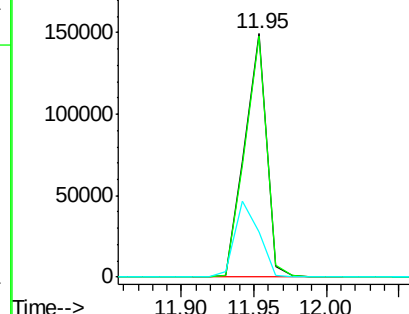


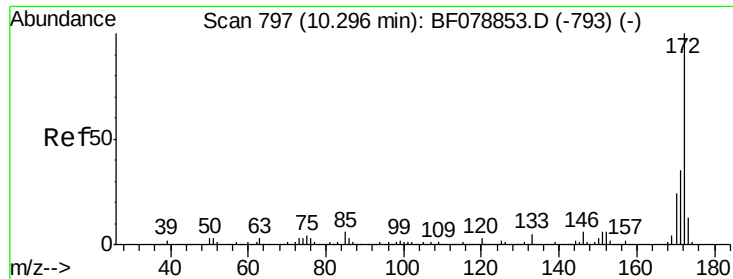
#41
 2,4,6-Tribromophenol
 Concen: 140.95 ng
 RT: 11.95 min Scan# 942
 Delta R.T. -0.00 min
 Lab File: BF079262.D
 Acq: 15 May 2015 8:28

Tgt Ion:330 Resp: 157195
 Ion Ratio Lower Upper
 330 100
 332 98.6 76.9 115.3
 141 35.0 27.8 41.8



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

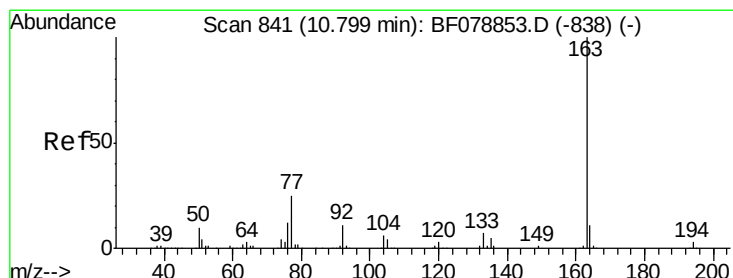
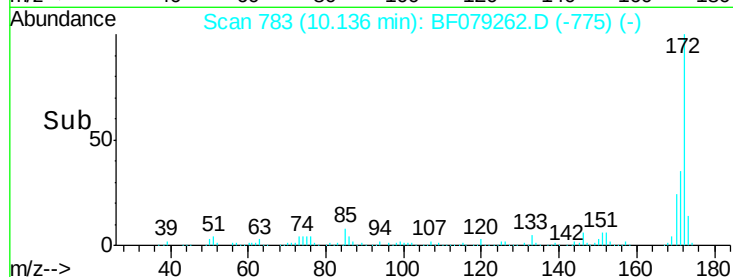
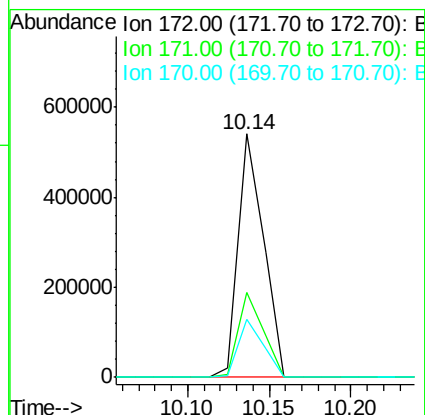
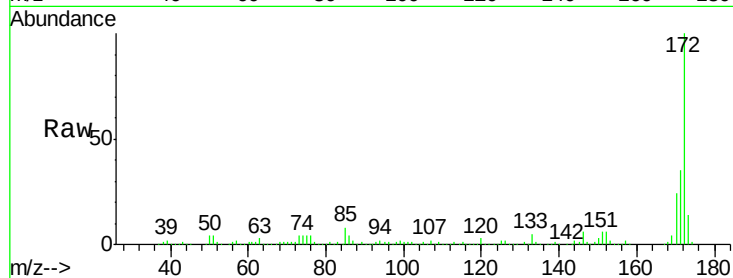




#44
 2-Fluorobiphenyl
 Concen: 77.77 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF079262.D
 Acq: 15 May 2015 8:28

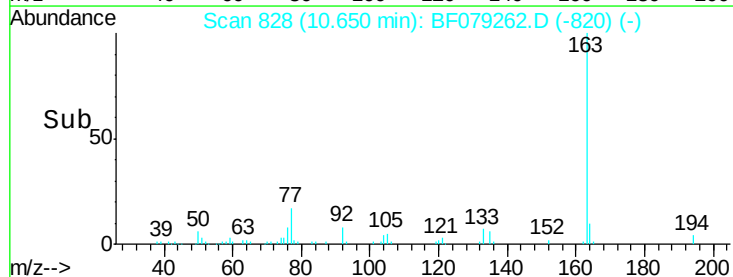
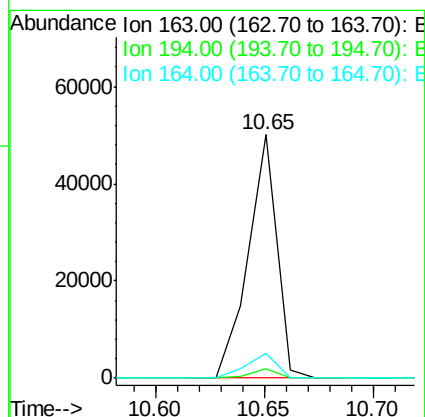
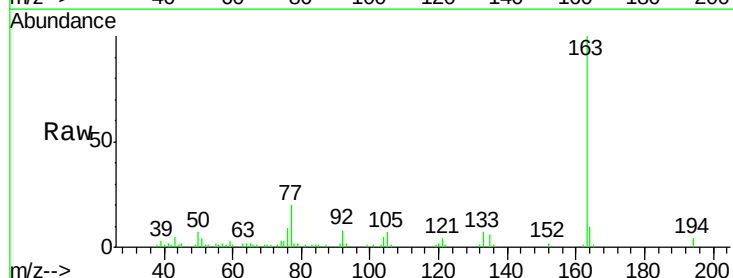
Instrument :
 BNA_F
 ClientSampleId :

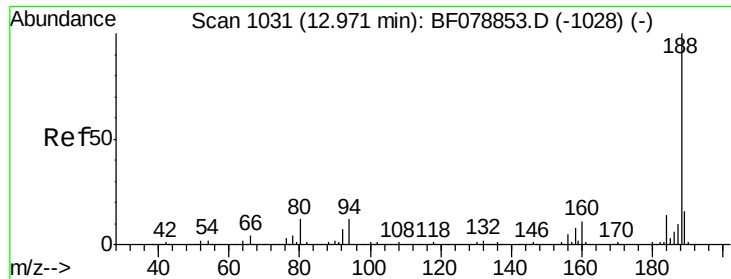
Tot Ion:172 Resp: 575483
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 23.8 19.4 29.2



#49
 Dimethylphthalate
 Concen: 6.06 ng
 RT: 10.65 min Scan# 828
 Delta R.T. -0.01 min
 Lab File: BF079262.D
 Acq: 15 May 2015 8:28

Tgt Ion:163 Resp: 45820
 Ion Ratio Lower Upper
 163 100
 194 3.6 2.4 3.6#
 164 9.9 8.6 12.8

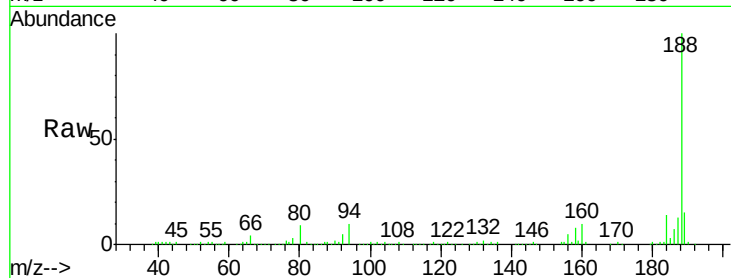




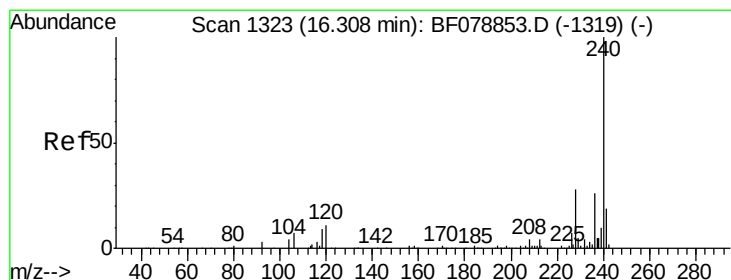
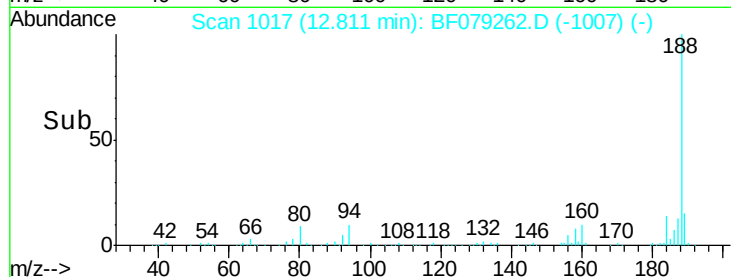
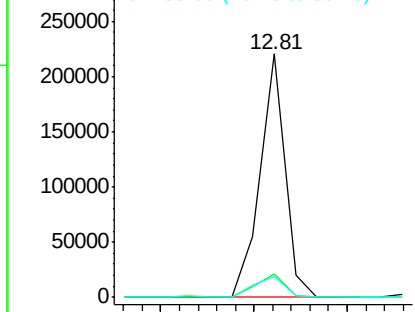
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.81 min Scan# 1017
Delta R.T. -0.01 min
Lab File: BF079262.D
Acq: 15 May 2015 8:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
188	100		
94	9.6	9.4	14.0
80	8.8	9.8	14.6#

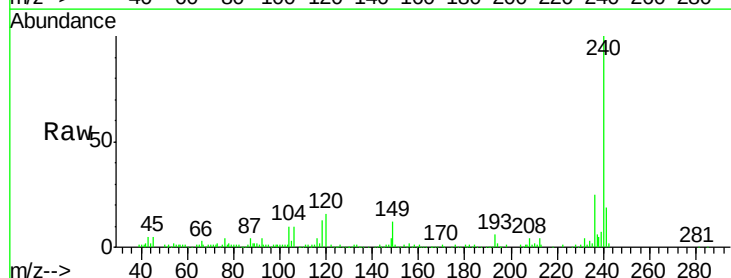


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

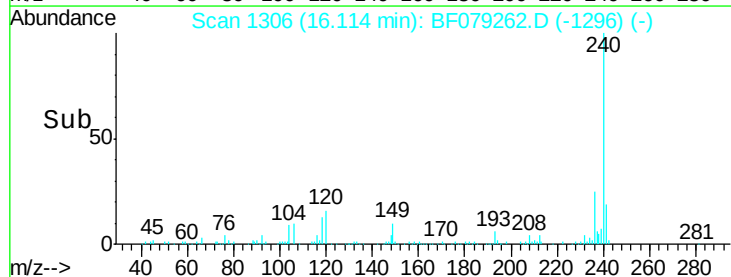
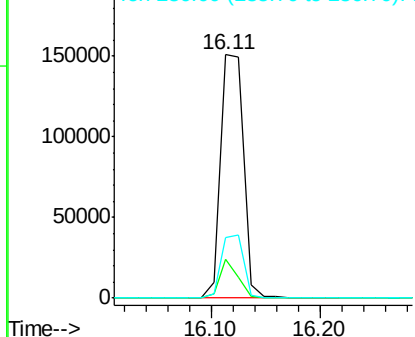


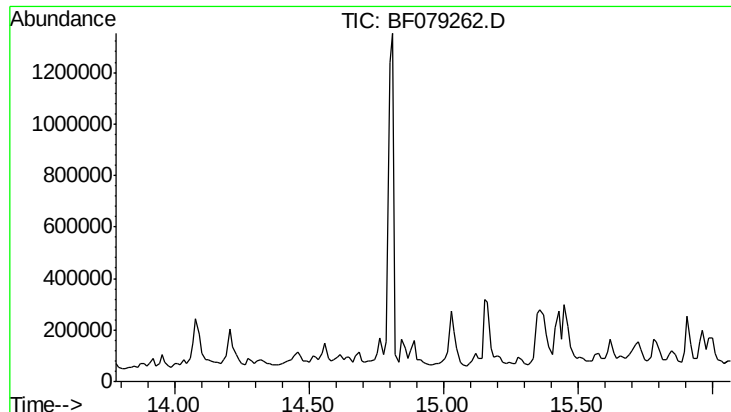
#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.11 min Scan# 1306
Delta R.T. -0.39 min
Lab File: BF079262.D
Acq: 15 May 2015 8:28

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.7	8.6	12.8#
236	25.1	21.0	31.6



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

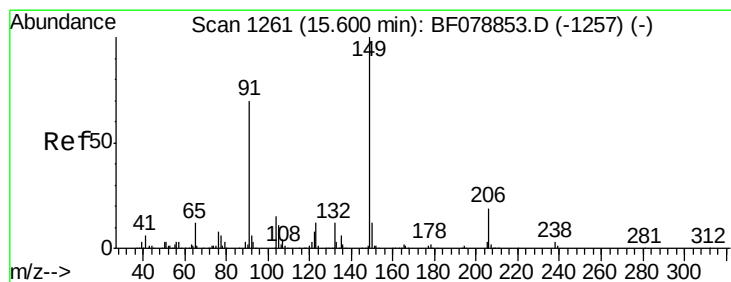
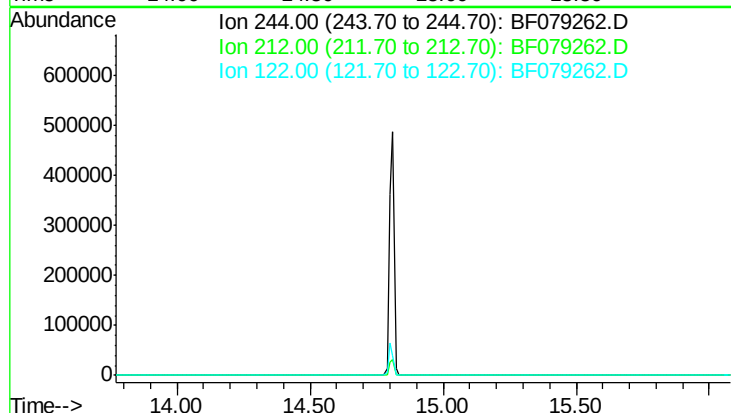




#78
 Terphenyl-d14
 Concen: 0.00 ng
 Expected RT: 14.93 min
 Lab File: BF079262.D
 Acq: 15 May 2015 8:28

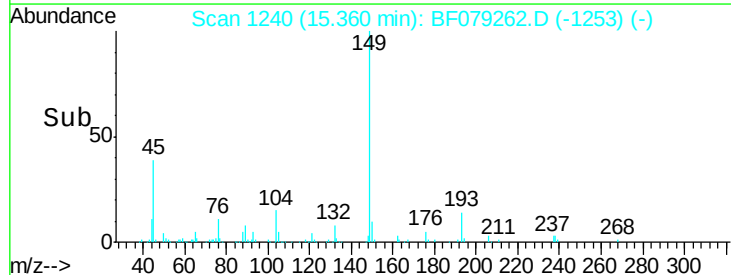
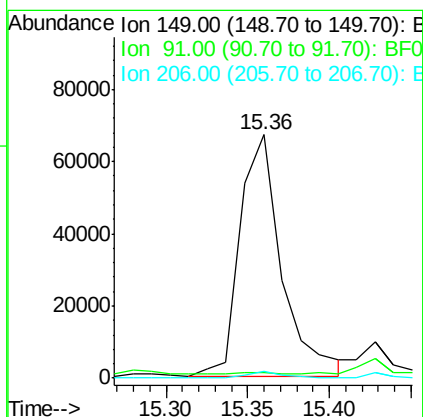
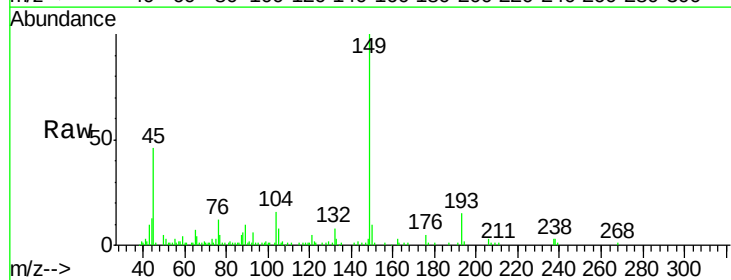
Instrument :
 BNA_F
 ClientSampleId :

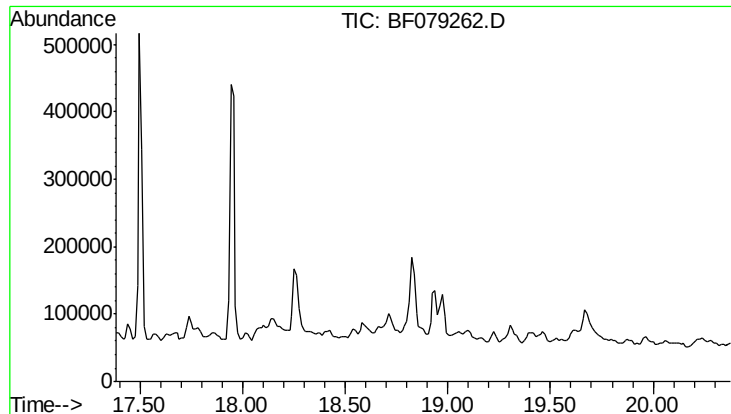
Tot Ion: 244
 Sig Exp Ratio
 244 100
 212 7.0
 122 13.1



#79
 Butylbenzylphthalate
 Concen: 21.27 ng
 RT: 15.36 min Scan# 1240
 Delta R.T. -0.31 min
 Lab File: BF079262.D
 Acq: 15 May 2015 8:28

Tgt Ion: 149 Resp: 118230
 Ion Ratio Lower Upper
 149 100
 91 2.1 56.2 84.2#
 206 2.7 15.2 22.8#





#86
Pervlene-d12
Concen: 0.00 ng
Expected RT: 18.88 min

Lab File: BF079262.D
Acq: 15 May 2015 8:28

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 264
Sia Exp Ratio
264 100
260 24.0
265 21.5

