

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
 Data File : BF079264.D
 Acq On : 15 May 2015 9:34
 Operator : TP/IZ
 Sample : G2233-01 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: May 15 13:43:21 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	45541	20.00	ng	0.00
21) Naphthalene-d8	8.80	136	180063	20.00	ng	0.00
38) Acenaphthene-d10	10.96	164	94902	20.00	ng	-0.01
63) Phenanthrene-d10	12.81	188	189430	20.00	ng	-0.01
75) Chrysene-d12	16.11	240	211800	20.00	ng	-0.39
86) Perylene-d12	0.00	264	0	0.00	ng	-18.88

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.51	112	7755	2.93	ng	0.00
7) Phenol-d6	6.78	99	11013	3.15	ng	-0.01
23) Nitrobenzene-d5	7.92	82	35176	11.23	ng	0.00
41) 2,4,6-Tribromophenol	11.94	330	2581	2.51	ng	-0.01
44) 2-Fluorobiphenyl	10.14	172	14077	2.07	ng	-0.01
78) Terphenyl-d14	0.00	244	0	0.00	ng	

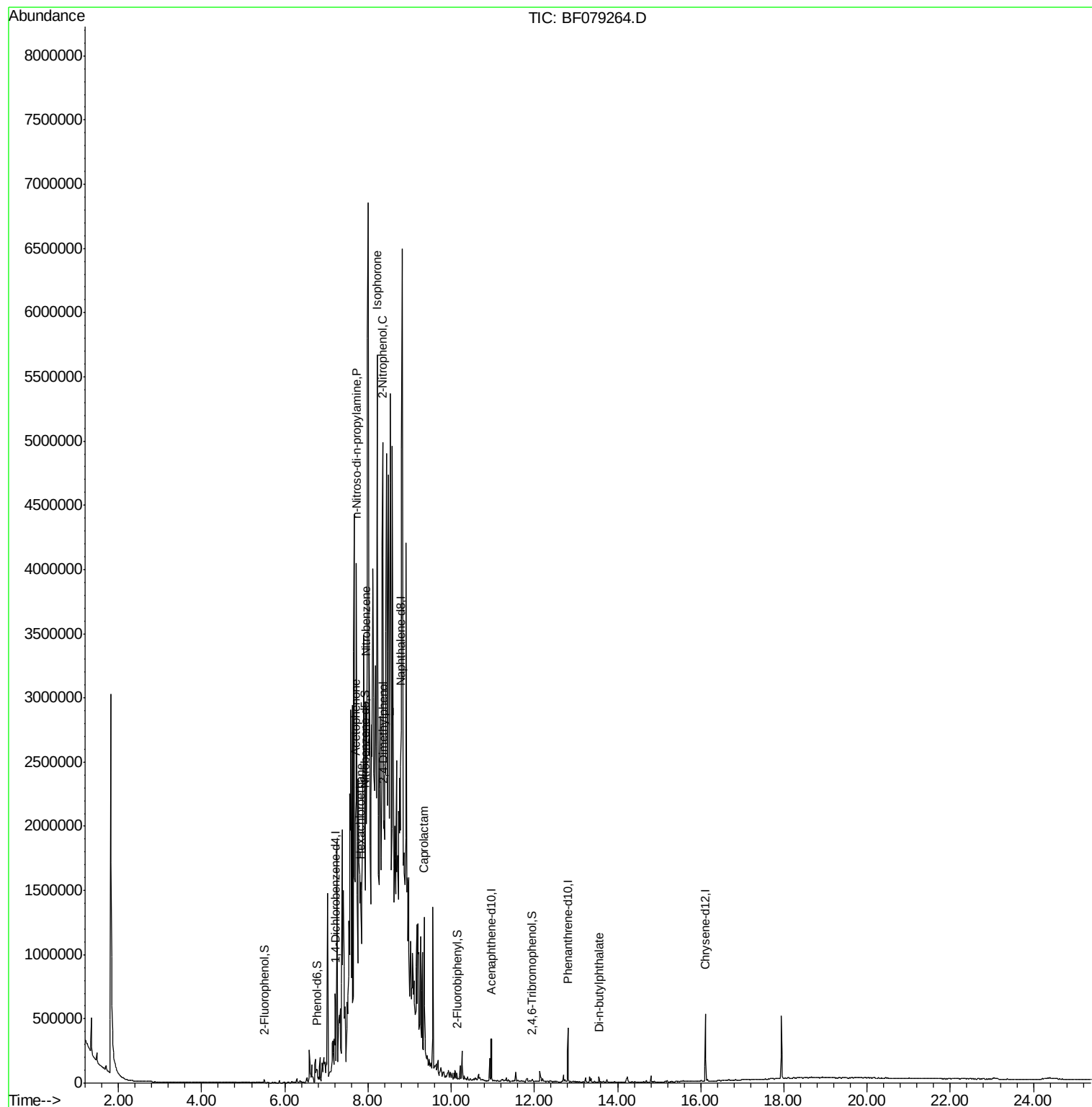
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	7.80	117	4144	3.47	ng	# 1
19) n-Nitroso-di-n-propylamine	7.72	70	68430	28.97	ng	# 54
22) Acetophenone	7.71	105	15607	3.84	ng	# 1
24) Nitrobenzene	7.94	77	6291	2.03	ng	# 20
25) Isophorone	8.22	82	235908	40.62	ng	# 1
26) 2-Nitrophenol	8.35	139	22190	17.26	ng	# 1
27) 2,4-Dimethylphenol	8.38	122	18271	7.10	ng	# 1
35) Caprolactam	9.35	113	15539	21.01	ng	# 1
73) Di-n-butylphthalate	13.55	149	26541	2.23	ng	# 97

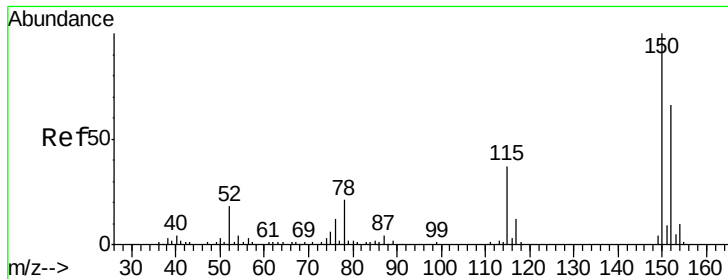
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051415\
Data File : BF079264.D
Acq On : 15 May 2015 9:34
Operator : TP/IZ
Sample : G2233-01 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: May 15 13:43:21 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



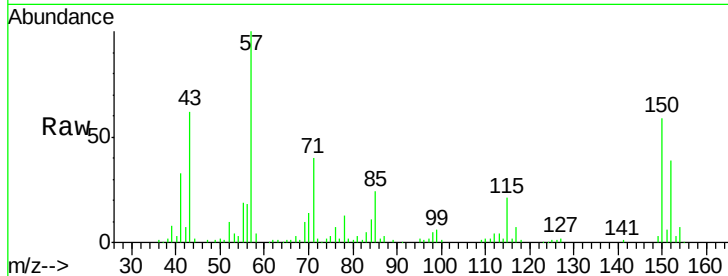


#1

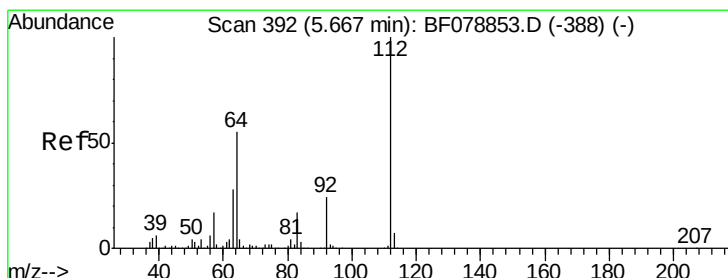
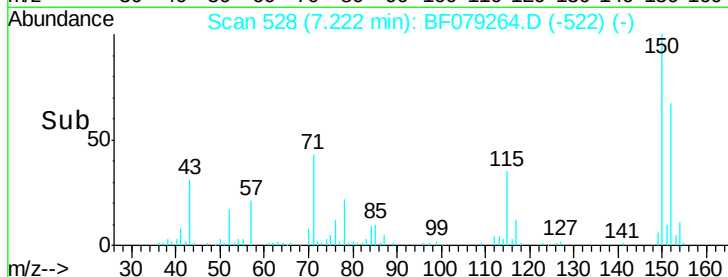
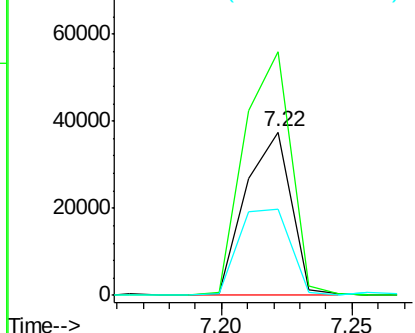
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.22 min Scan# 528
Delta R.T. 0.00 min
Lab File: BF079264.D
Acq: 15 May 2015 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 45541
Ion Ratio Lower Upper
152 100
150 149.4 123.8 185.8
115 52.9 49.4 74.0



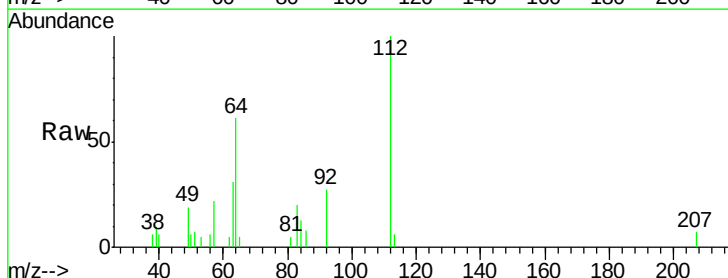
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



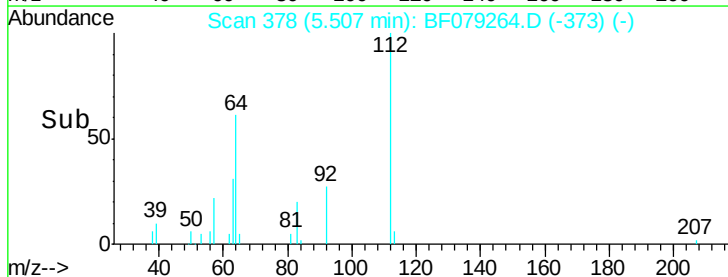
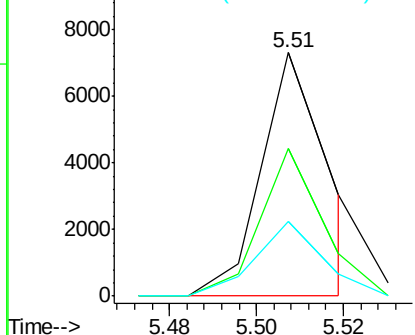
#5

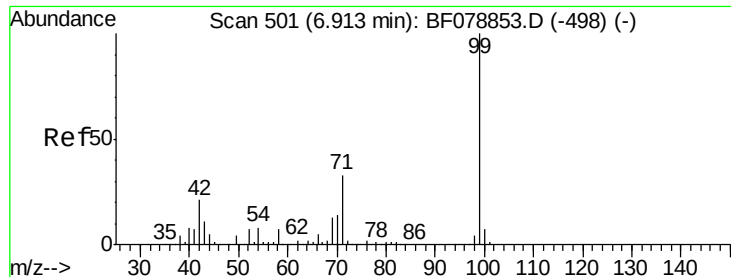
2-Fluorophenol
Concen: 2.93 ng
RT: 5.51 min Scan# 378
Delta R.T. 0.00 min
Lab File: BF079264.D
Acq: 15 May 2015 9:34

Tgt Ion:112 Resp: 7755
Ion Ratio Lower Upper
112 100
64 60.8 44.2 66.2
63 30.7 22.7 34.1



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: 3.15 ng

RT: 6.78 min Scan# 489

Delta R.T. -0.01 min

Lab File: BF079264.D

Acq: 15 May 2015 9:34

Instrument :

BNA_F

ClientSampled :

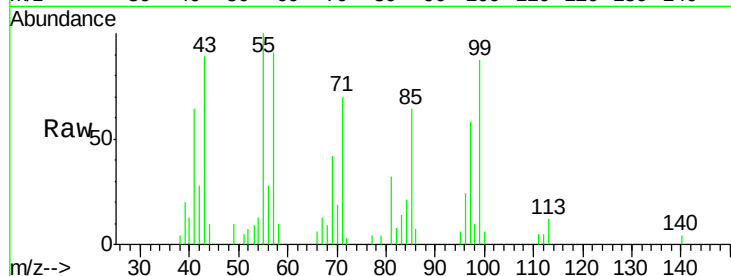
Tot Ion: 99 Resp: 11013

Ion Ratio Lower Upper

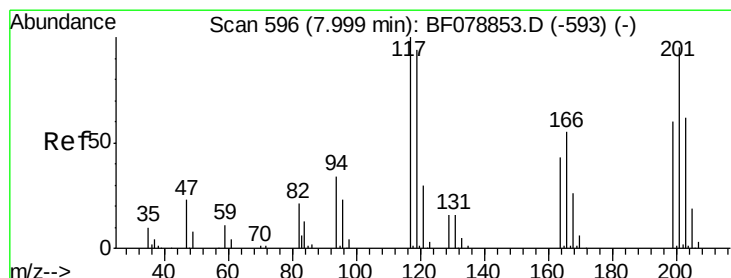
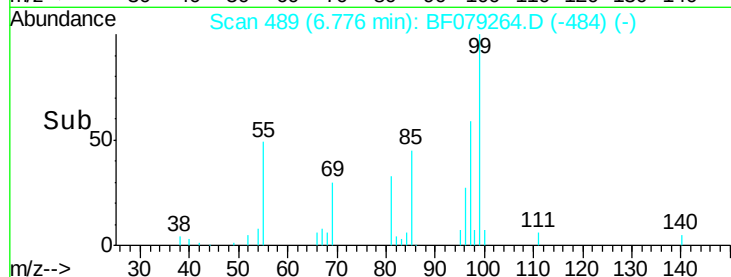
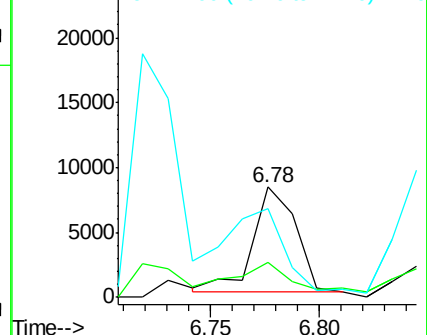
99 100

42 31.7 17.1 25.7#

71 80.7 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



#18

Hexachloroethane

Concen: 3.47 ng

RT: 7.80 min Scan# 579

Delta R.T. -0.03 min

Lab File: BF079264.D

Acq: 15 May 2015 9:34

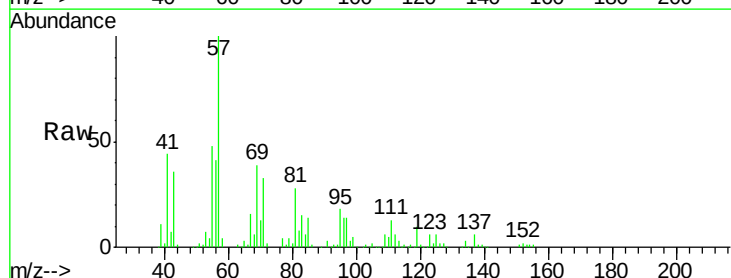
Tgt Ion: 117 Resp: 4144

Ion Ratio Lower Upper

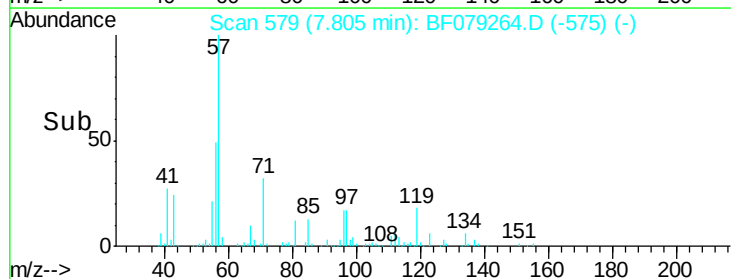
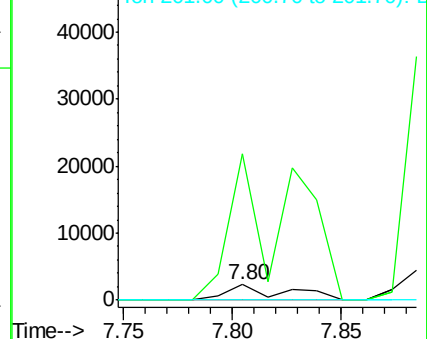
117 100

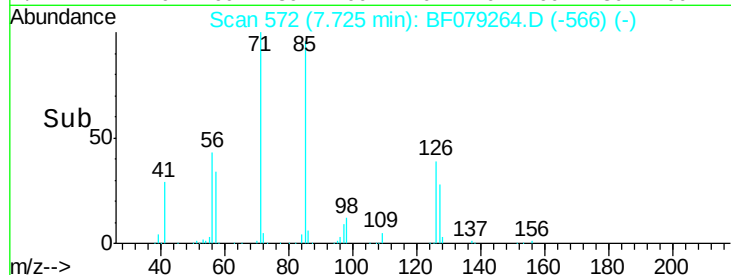
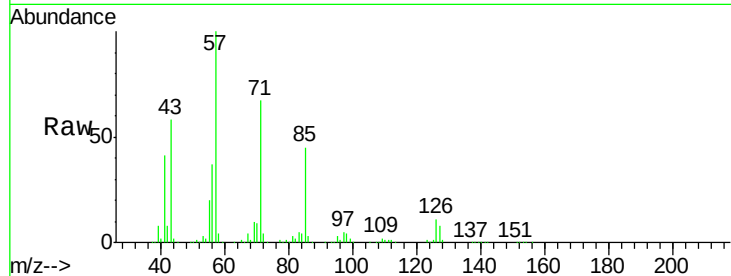
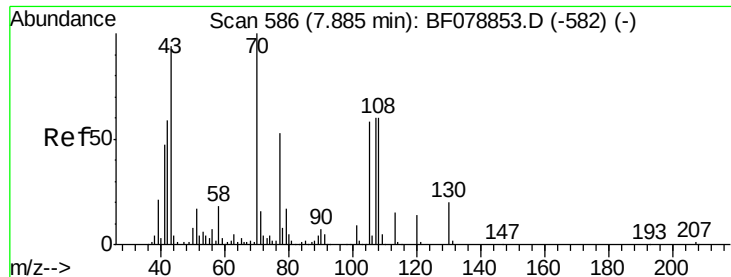
119 969.5 75.2 112.8#

201 0.0 75.8 113.8#



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

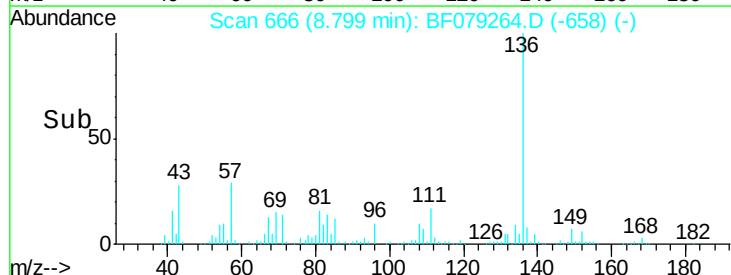
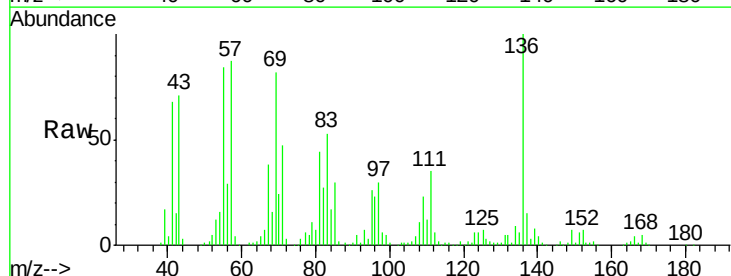
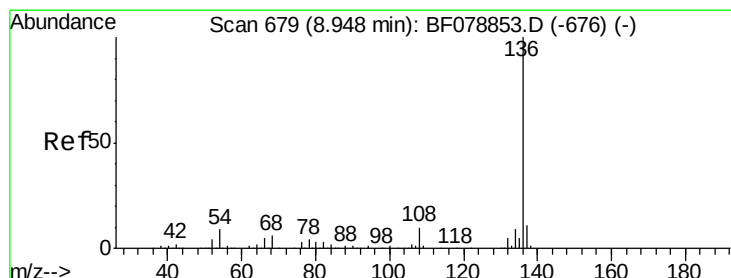
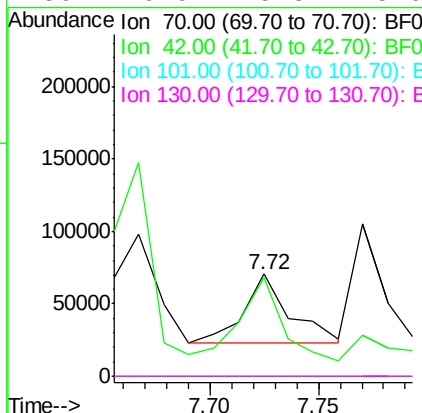




#19
n-Nitroso-di-n-propylamine
Concen: 28.97 ng
RT: 7.72 min Scan# 572
Delta R.T. -0.01 min
Lab File: BF079264.D
Acq: 15 May 2015 9:34

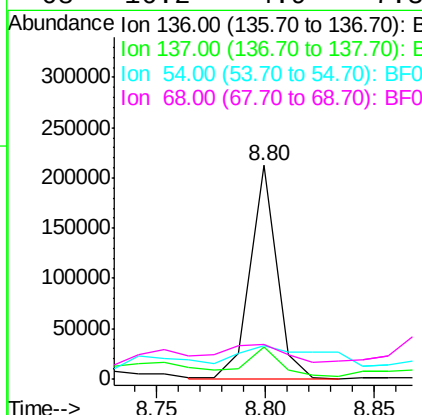
Instrument :
BNA_F
ClientSampleId :

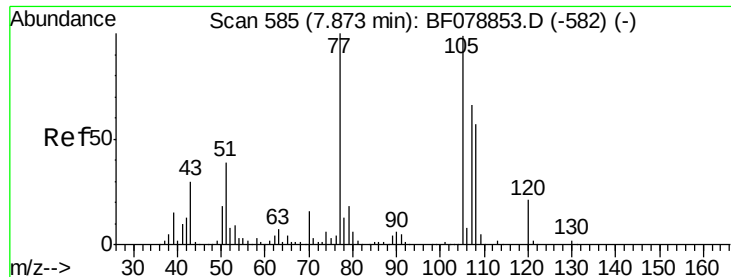
Tot Ion: 70 Resp: 68430
Ion Ratio Lower Upper
70 100
42 97.0 47.3 70.9#
101 0.0 7.5 11.3#
130 0.0 15.8 23.6#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.80 min Scan# 666
Delta R.T. 0.00 min
Lab File: BF079264.D
Acq: 15 May 2015 9:34

Tgt Ion: 136 Resp: 180063
Ion Ratio Lower Upper
136 100
137 14.8 8.8 13.2#
54 15.9 6.9 10.3#
68 16.2 4.9 7.3#





#22

Acetophenone

Concen: 3.84 ng

RT: 7.71 min Scan# 571

Delta R.T. -0.01 min

Lab File: BF079264.D

Acq: 15 May 2015 9:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:105 Resp: 15607

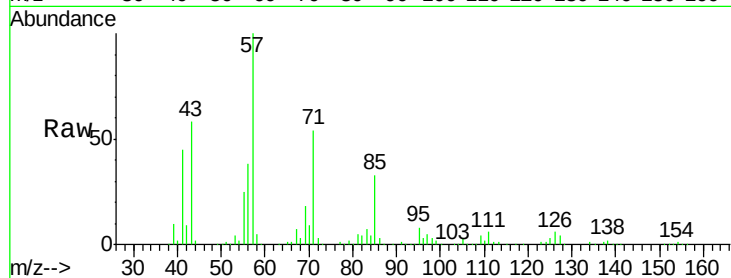
Ion Ratio Lower Upper

105 100

71 1668.7 2.2 3.4#

51 27.2 31.1 46.7#

120 0.0 16.7 25.1#



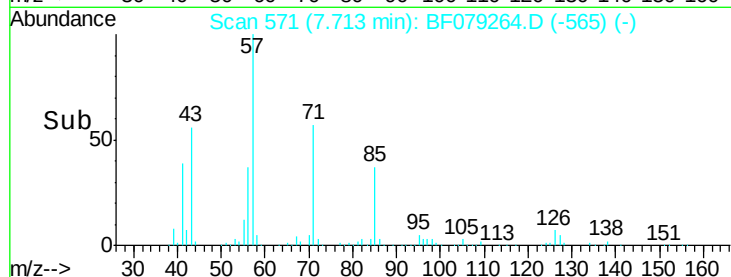
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF0

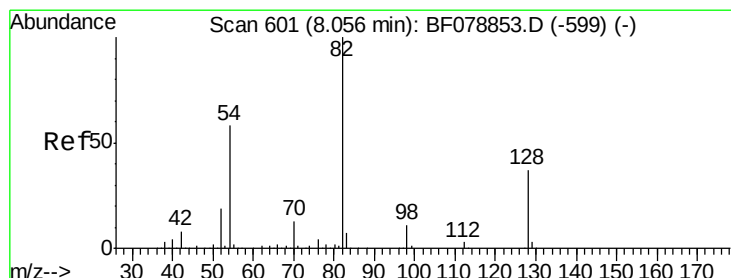
Ion 51.00 (50.70 to 51.70): BF0

Ion 120.00 (119.70 to 120.70): E

Time-->



Time-->



#23

Nitrobenzene-d5

Concen: 11.23 ng

RT: 7.92 min Scan# 589

Delta R.T. 0.00 min

Lab File: BF079264.D

Acq: 15 May 2015 9:34

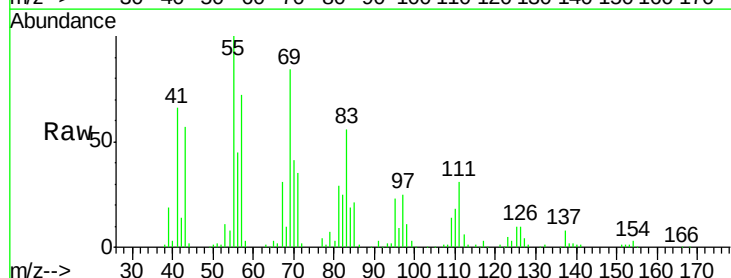
Tgt Ion: 82 Resp: 35176

Ion Ratio Lower Upper

82 100

128 2.8 29.7 44.5#

54 32.9 46.2 69.4#

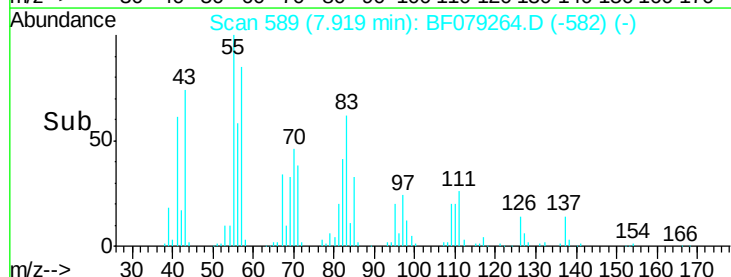


Abundance Ion 82.00 (81.70 to 82.70): BF0

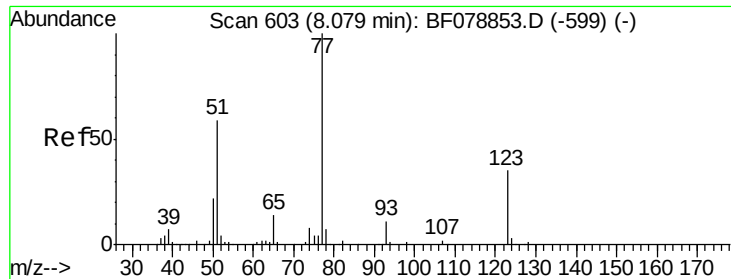
Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



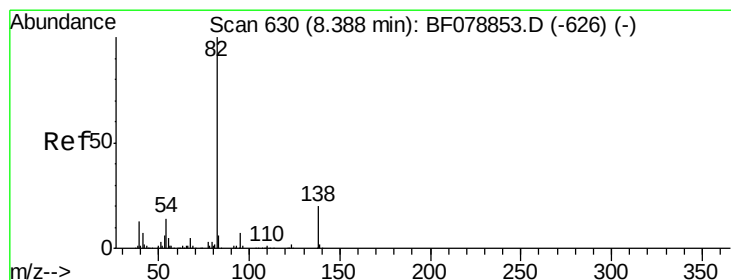
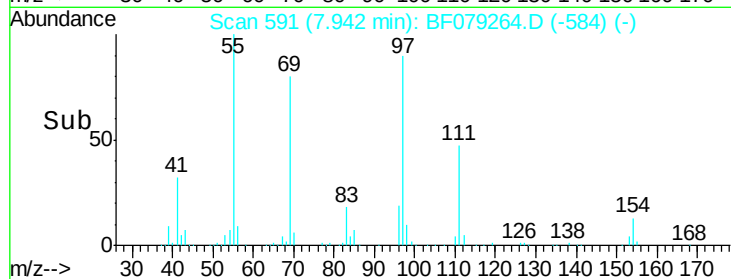
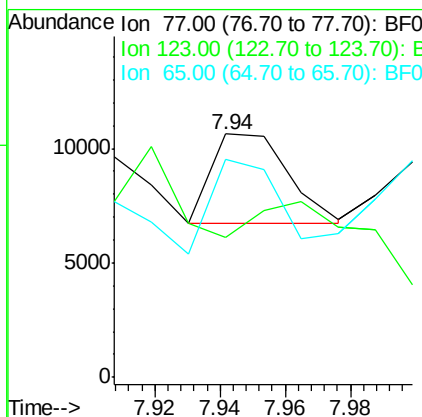
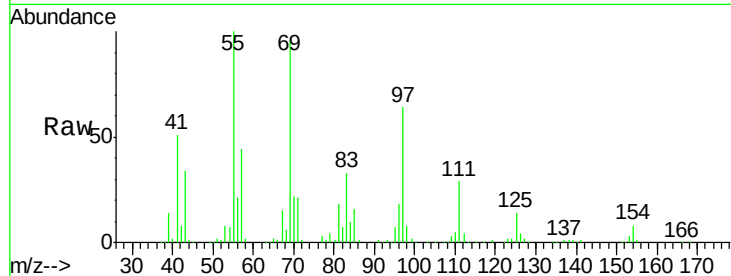
Time-->



#24
 Nitrobenzene
 Concen: 2.03 ng
 RT: 7.94 min Scan# 591
 Delta R.T. 0.00 min
 Lab File: BF079264.D
 Acq: 15 May 2015 9:34

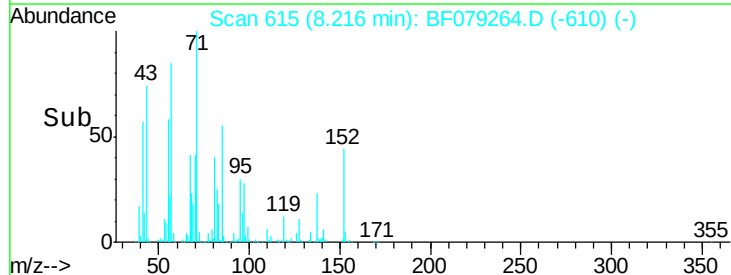
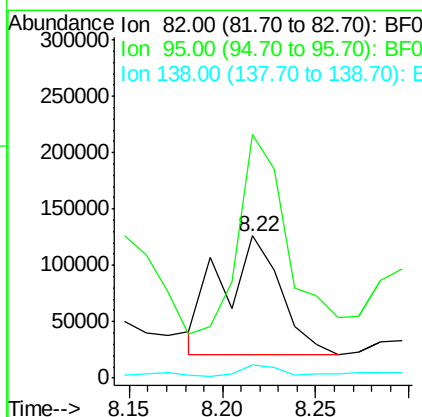
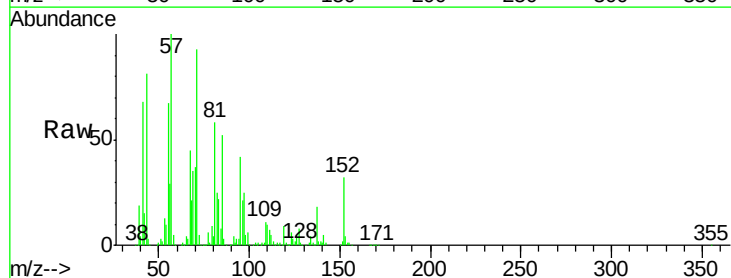
Instrument :
 BNA_F
 ClientSampleID :

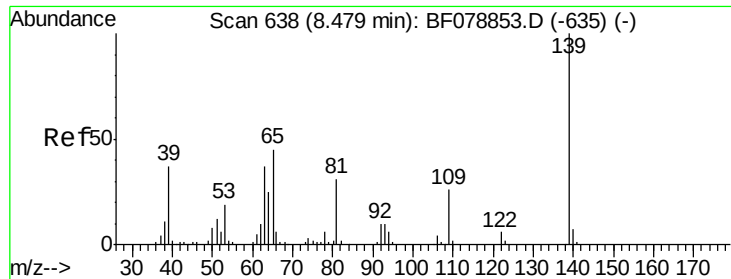
Tot Ion: 77 Resp: 6291
 Ion Ratio Lower Upper
 77 100
 123 57.5 28.3 42.5#
 65 89.7 11.0 16.4#



#25
 Isophorone
 Concen: 40.62 ng
 RT: 8.22 min Scan# 615
 Delta R.T. -0.02 min
 Lab File: BF079264.D
 Acq: 15 May 2015 9:34

Tgt Ion: 82 Resp: 235908
 Ion Ratio Lower Upper
 82 100
 95 171.0 5.4 8.2#
 138 9.5 16.1 24.1#

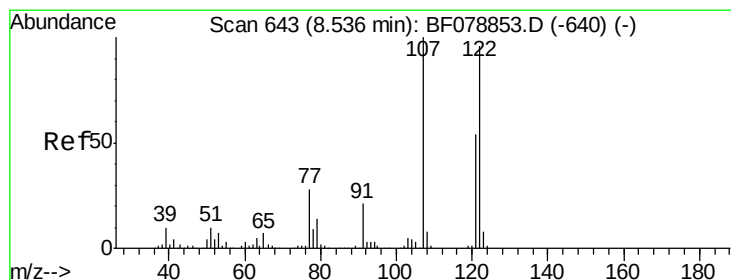
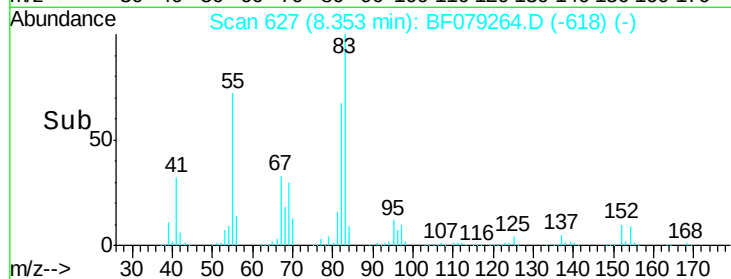
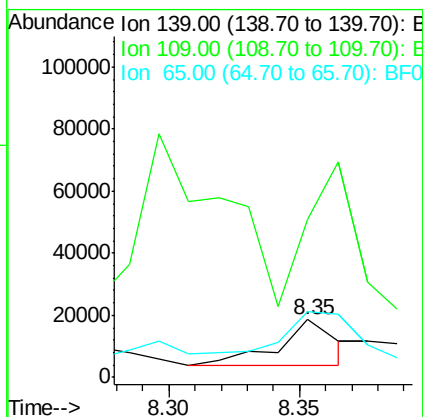
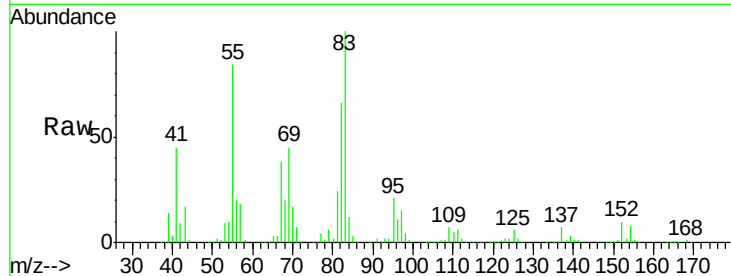




#26
2-Nitrophenol
Concen: 17.26 ng
RT: 8.35 min Scan# 627
Delta R.T. 0.02 min
Lab File: BF079264.D
Acq: 15 May 2015 9:34

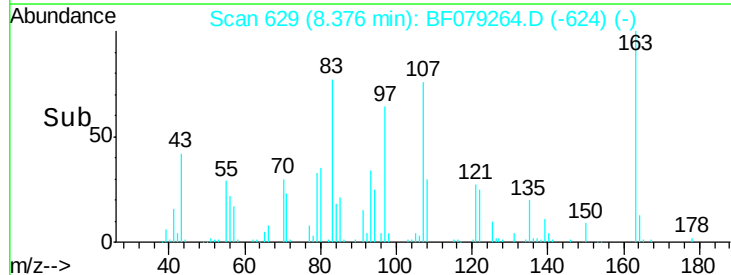
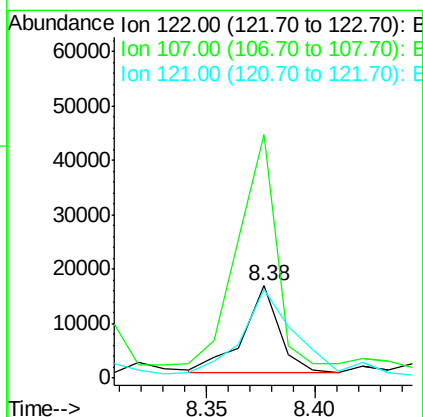
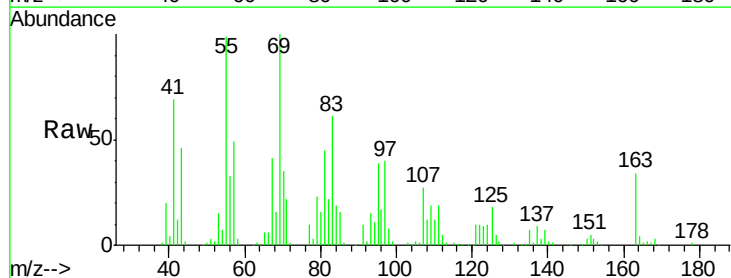
Instrument :
BNA_F
ClientSampled :

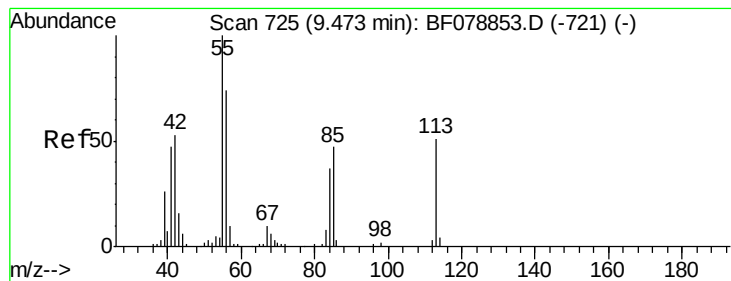
Tot Ion	Ratio	Lower	Upper
139	100		
109	274.1	20.9	31.3#
65	112.6	35.8	53.8#



#27
2,4-Dimethylphenol
Concen: 7.10 ng
RT: 8.38 min Scan# 629
Delta R.T. -0.02 min
Lab File: BF079264.D
Acq: 15 May 2015 9:34

Tgt Ion	Ratio	Lower	Upper
122	100		
107	263.9	83.6	125.4#
121	95.8	44.9	67.3#





#35

Caprolactam

Concen: 21.01 ng

RT: 9.35 min Scan# 714

Delta R.T. 0.01 min

Lab File: BF079264.D

Acq: 15 May 2015 9:34

Instrument :

BNA_F

ClientSampled :

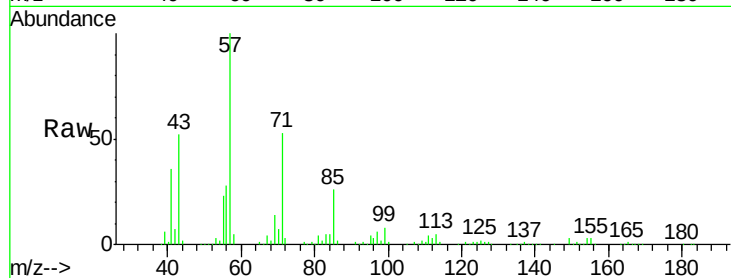
Tot Ion:113 Resp: 15539

Ion Ratio Lower Upper

113 100

55 429.0 176.0 216.0#

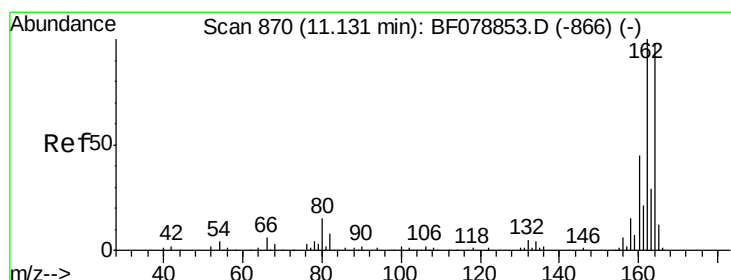
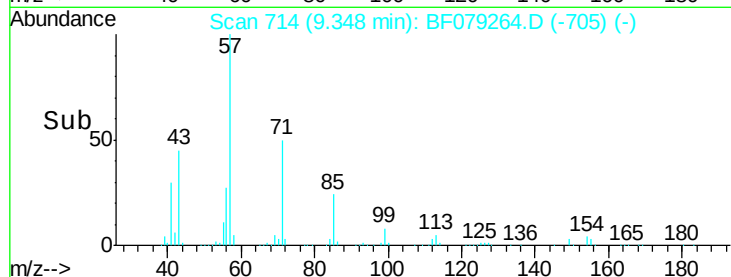
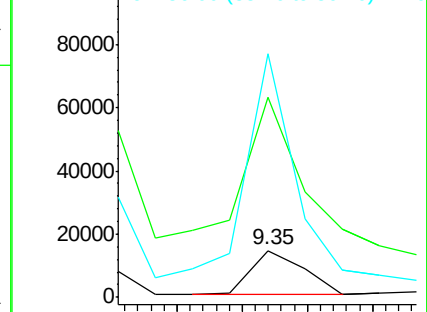
56 522.3 123.8 163.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.96 min Scan# 855

Delta R.T. -0.01 min

Lab File: BF079264.D

Acq: 15 May 2015 9:34

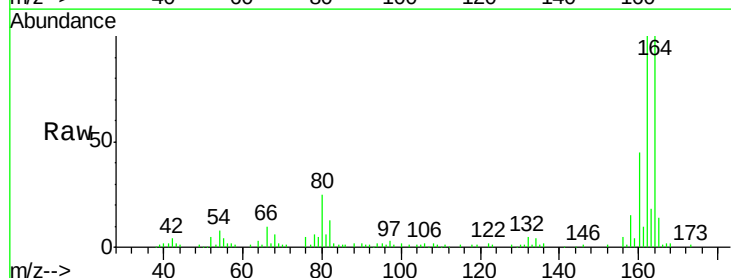
Tgt Ion:164 Resp: 94902

Ion Ratio Lower Upper

164 100

162 100.2 81.4 122.0

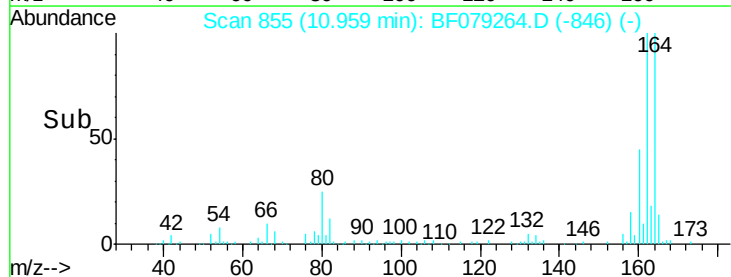
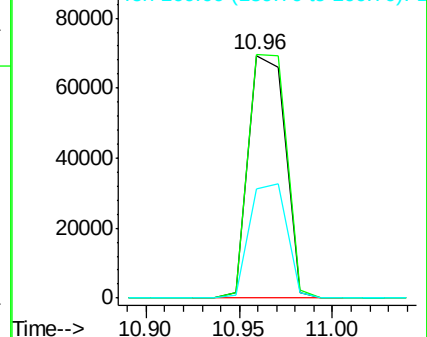
160 45.0 36.6 54.8

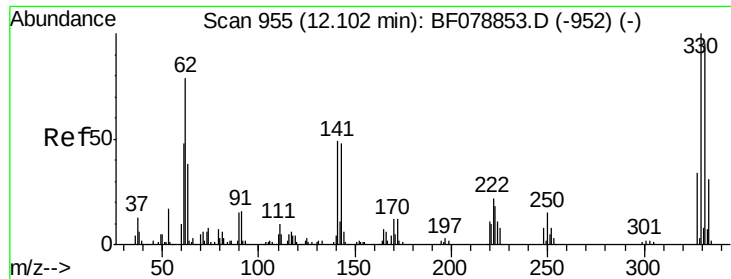


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

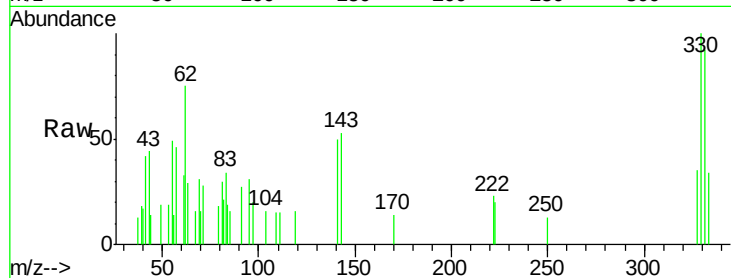




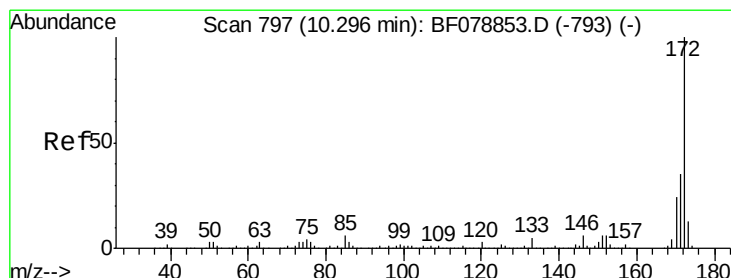
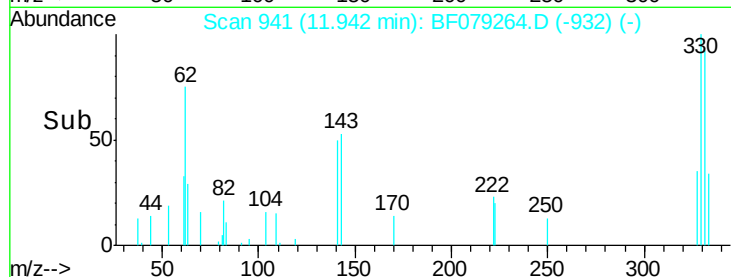
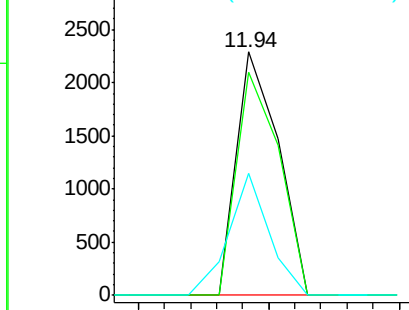
#41
 2,4,6-Tribromophenol
 Concen: 2.51 ng
 RT: 11.94 min Scan# 941
 Delta R.T. -0.01 min
 Lab File: BF079264.D
 Acq: 15 May 2015 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 2581
 Ion Ratio Lower Upper
 330 100
 332 93.3 76.9 115.3
 141 48.1 27.8 41.8#

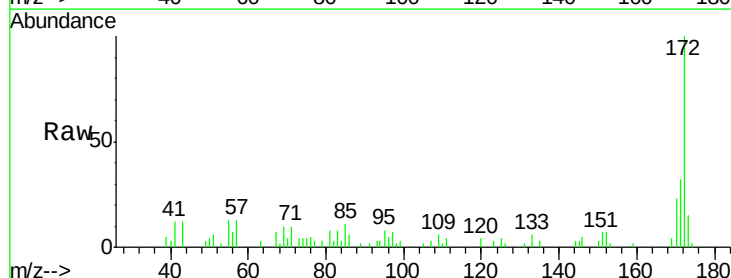


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

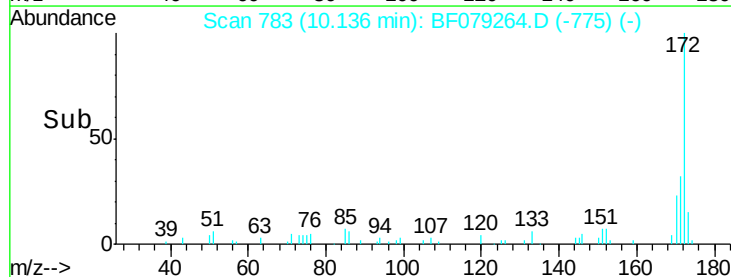
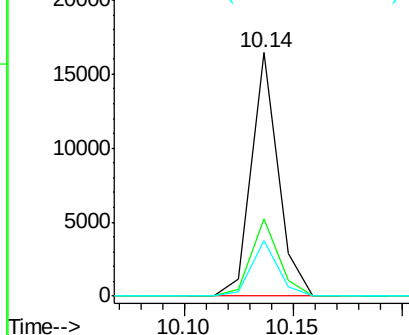


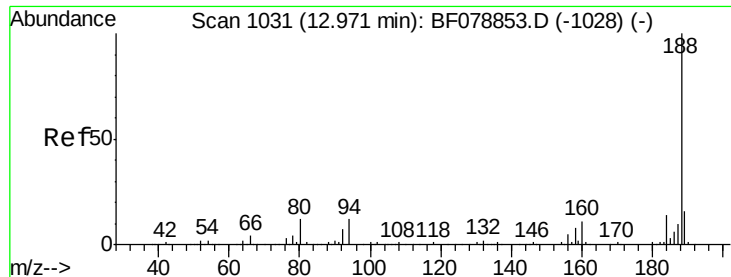
#44
 2-Fluorobiphenyl
 Concen: 2.07 ng
 RT: 10.14 min Scan# 783
 Delta R.T. -0.01 min
 Lab File: BF079264.D
 Acq: 15 May 2015 9:34

Tgt Ion:172 Resp: 14077
 Ion Ratio Lower Upper
 172 100
 171 31.9 28.3 42.5
 170 22.7 19.4 29.2



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





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 12.81 min Scan# 1017

Delta R.T. -0.01 min

Lab File: BF079264.D

Acq: 15 May 2015 9:34

Instrument :

BNA_F

ClientSampleId :

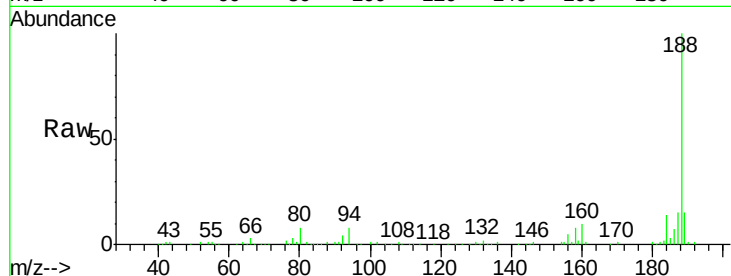
Tot Ion:188 Resp: 189430

Ion Ratio Lower Upper

188 100

94 8.2 9.4 14.0#

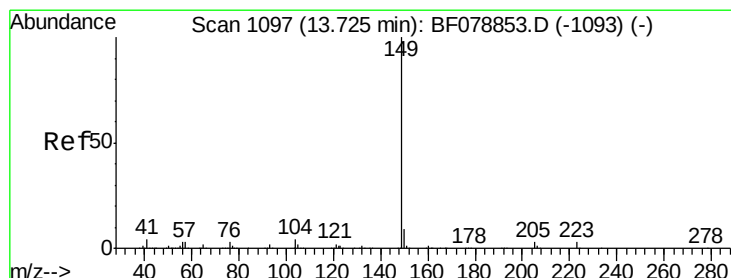
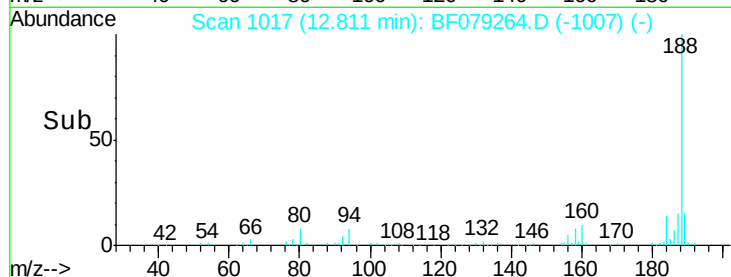
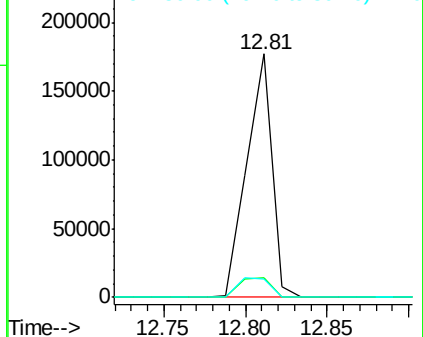
80 7.5 9.8 14.6#



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



#73

Di-n-butylphthalate

Concen: 2.23 ng

RT: 13.55 min Scan# 1082

Delta R.T. -0.03 min

Lab File: BF079264.D

Acq: 15 May 2015 9:34

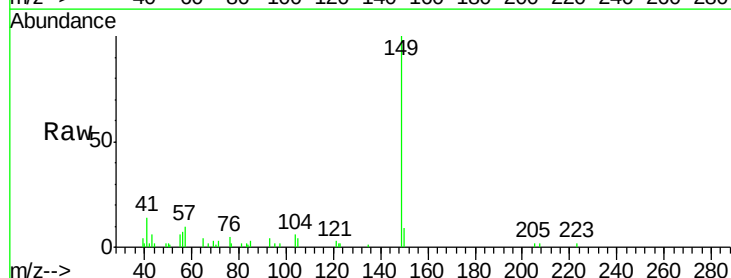
Tgt Ion:149 Resp: 26541

Ion Ratio Lower Upper

149 100

150 9.1 7.0 10.4

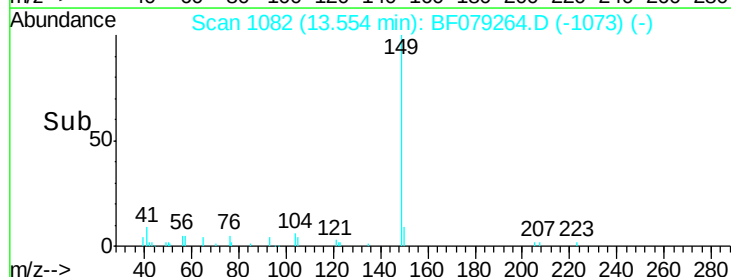
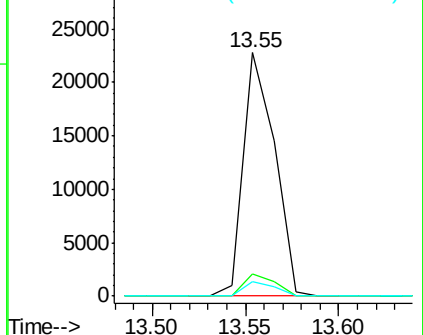
104 6.0 3.3 4.9#

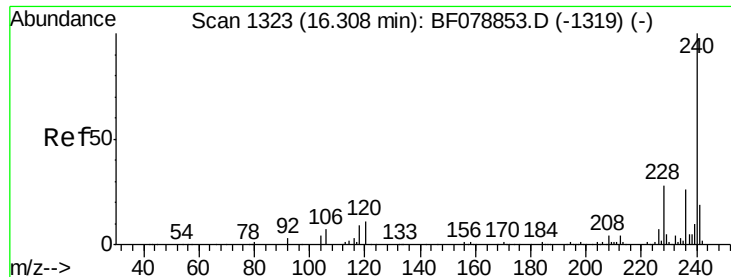


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.11 min Scan# 1306

Delta R.T. -0.39 min

Lab File: BF079264.D

Acq: 15 May 2015 9:34

Instrument :

BNA_F

ClientSampleId :

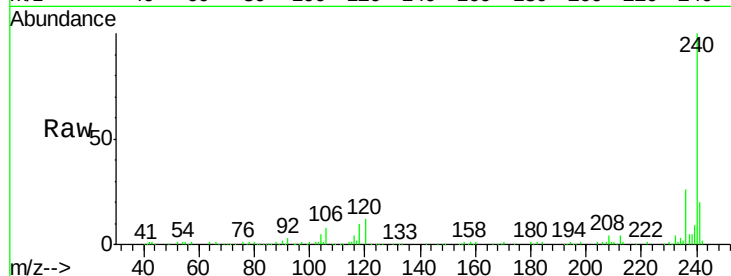
Tot Ion: 240 Resp: 211800

Ion Ratio Lower Upper

240 100

120 12.3 8.6 12.8

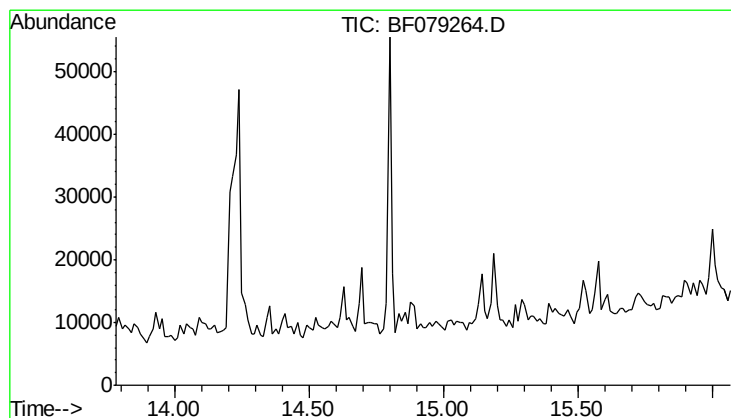
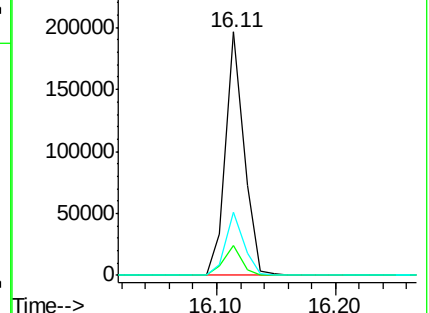
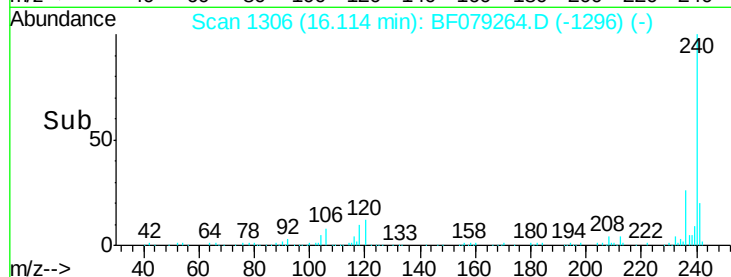
236 25.8 21.0 31.6



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: BF079264.D

Acq: 15 May 2015 9:34

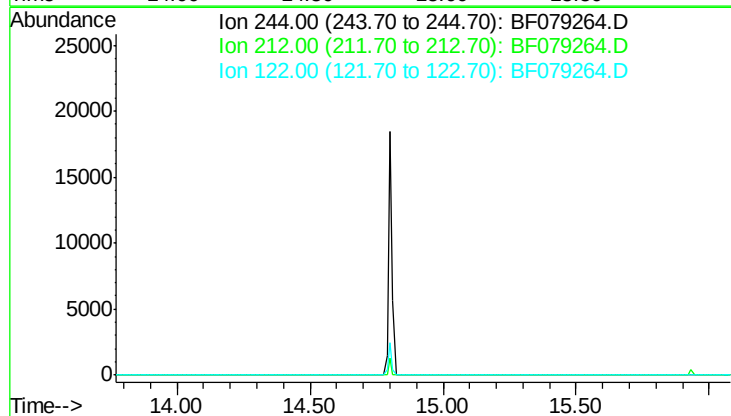
Tgt Ion: 244

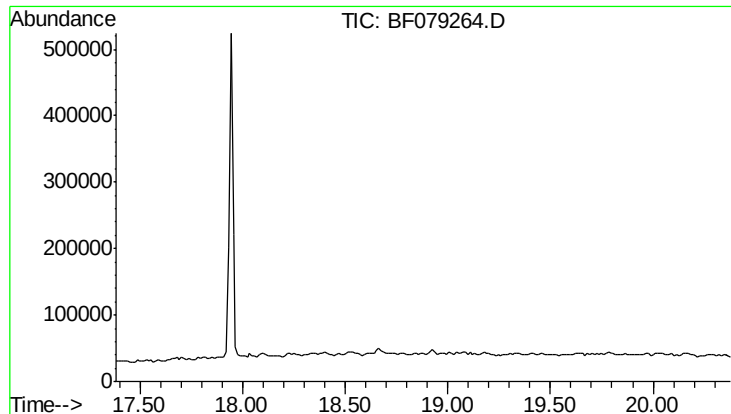
Sig Exp Ratio

244 100

212 7.0

122 13.1





#86
 Pervlene-d12
 Concen: 0.00 ng
 Expected RT: 18.88 min
 Lab File: BF079264.D
 Acq: 15 May 2015 9:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	264
Sig	Exp Ratio
264	100
260	24.0
265	21.5

