

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF050715\
 Data File : BF079019.D
 Acq On : 8 May 2015 4:11
 Operator : TP/IZ
 Sample : G2076-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-18

Quant Time: May 08 04:57:42 2015
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF043015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 08 04:33:44 2015
 Response via : Initial Calibration

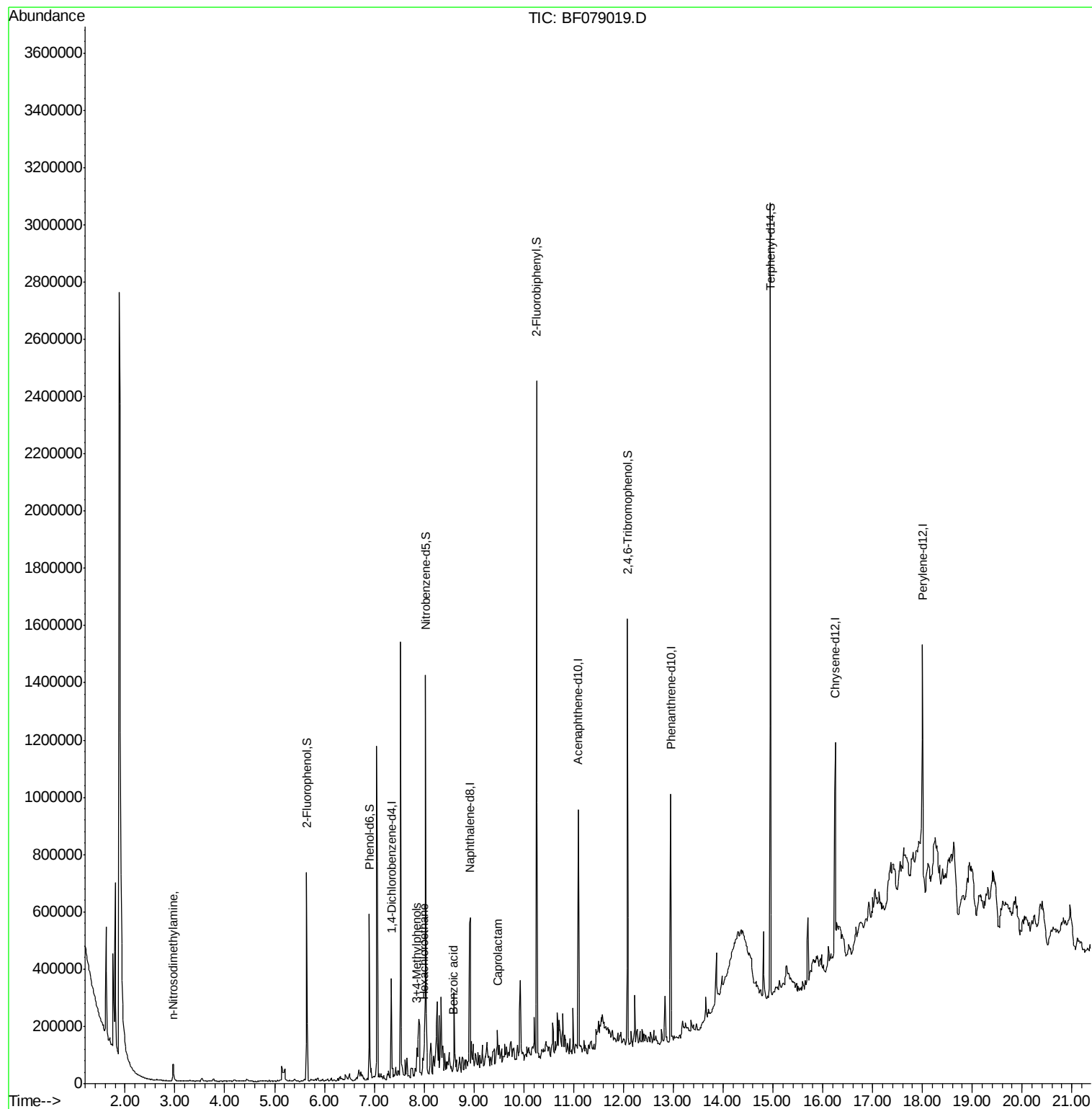
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	72700	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	312360	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	165785	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	324695	20.00	ng	0.00
75) Chrysene-d12	16.25	240	356071	20.00	ng	0.00
86) Perylene-d12	18.00	264	358664	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	214762	50.85	ng	0.00
7) Phenol-d6	6.90	99	195949	35.10	ng	0.00
23) Nitrobenzene-d5	8.03	82	413963	76.17	ng	0.00
41) 2,4,6-Tribromophenol	12.08	330	195444	108.97	ng	0.00
44) 2-Fluorobiphenyl	10.26	172	813784	68.39	ng	0.00
78) Terphenyl-d14	14.95	244	963452	64.78	ng	0.00
Target Compounds						Qvalue
4) n-Nitrosodimethylamine	2.97	42	5346	2.32	ng	# 1
18) Hexachloroethane	8.00	117	8734	4.58	ng	# 1
20) 3+4-Methylphenols	7.85	107	24875	4.84	ng	# 51
32) Benzoic acid	8.59	122	2545	7.10	ng	# 63
35) Caprolactam	9.47	113	3900	3.04	ng	# 23

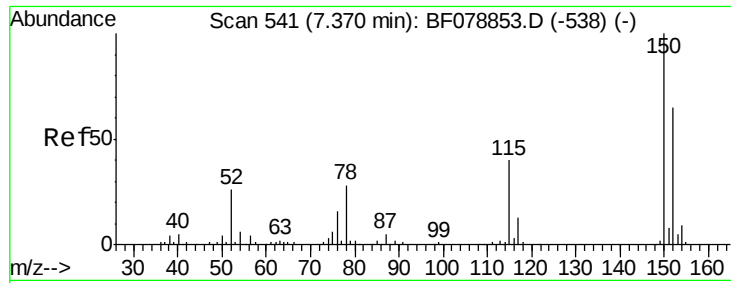
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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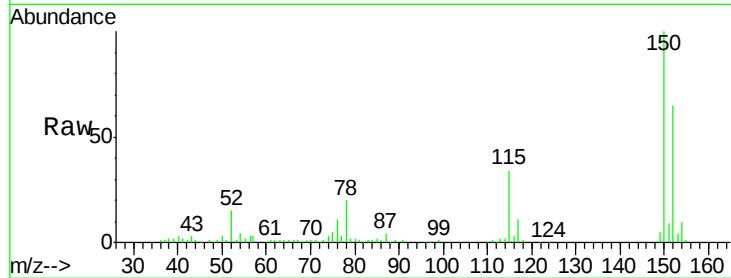




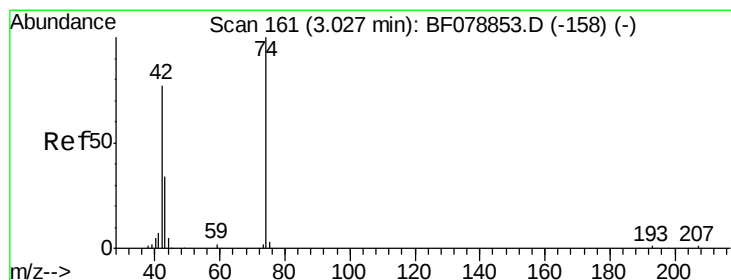
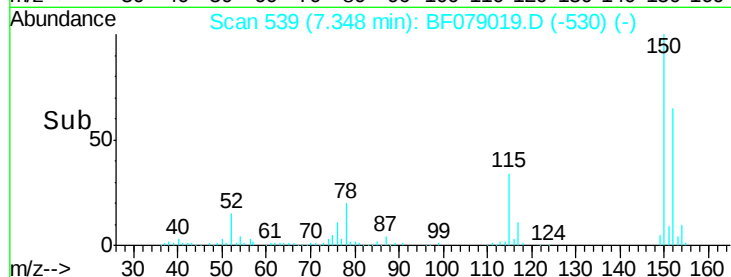
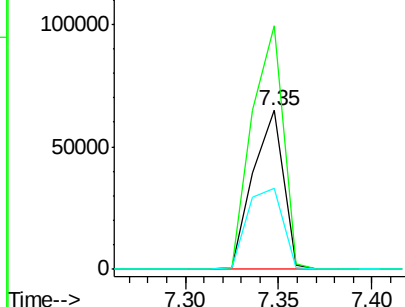
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF079019.D
 Acq: 8 May 2015 4:11

Instrument :
 BNA_F
 ClientSampled :
 W-18

Tgt Ion:152 Resp: 72700
 Ion Ratio Lower Upper
 152 100
 150 153.4 122.0 183.0
 115 51.5 46.3 69.5

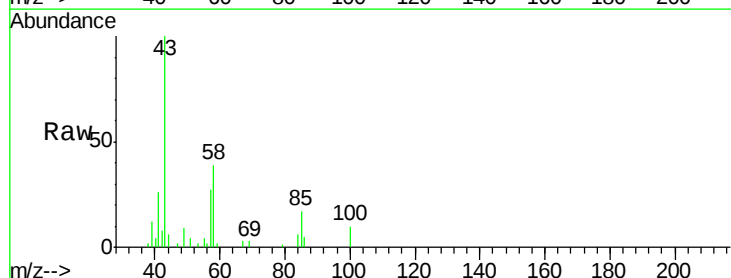


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

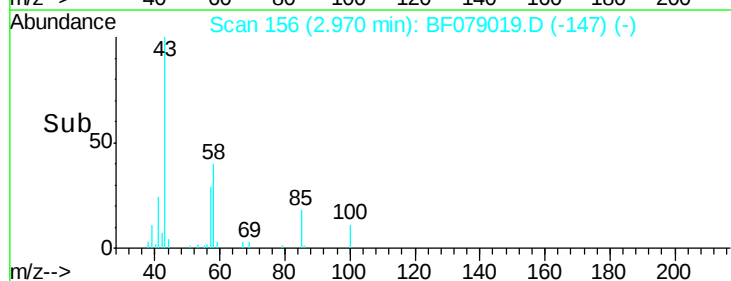
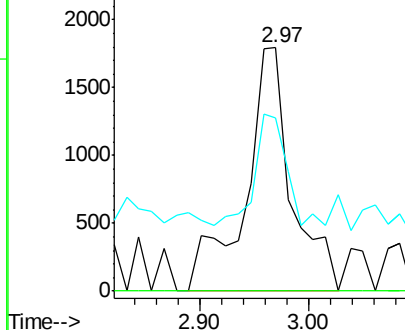


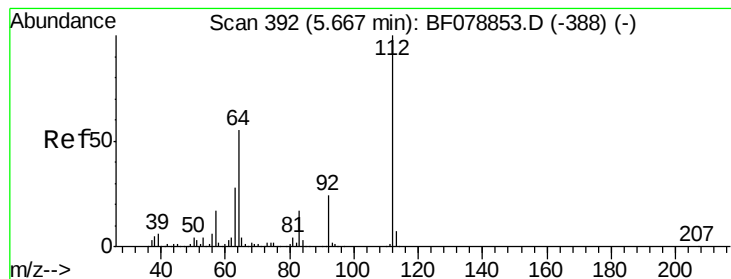
#4
 n-Nitrosodimethylamine
 Concen: 2.32 ng
 RT: 2.97 min Scan# 156
 Delta R.T. 0.00 min
 Lab File: BF079019.D
 Acq: 8 May 2015 4:11

Tgt Ion: 42 Resp: 5346
 Ion Ratio Lower Upper
 42 100
 74 0.0 96.5 144.7#
 44 71.4 6.1 9.1#



Abundance Ion 42.00 (41.70 to 42.70): BF0
 Ion 74.00 (73.70 to 74.70): BF0
 Ion 44.00 (43.70 to 44.70): BF0





#5

2-Fluorophenol

Concen: 50.85 ng

RT: 5.64 min Scan# 390

Delta R.T. 0.00 min

Lab File: BF079019.D

Acq: 8 May 2015 4:11

Instrument :

BNA_F

ClientSampleId :

W-18

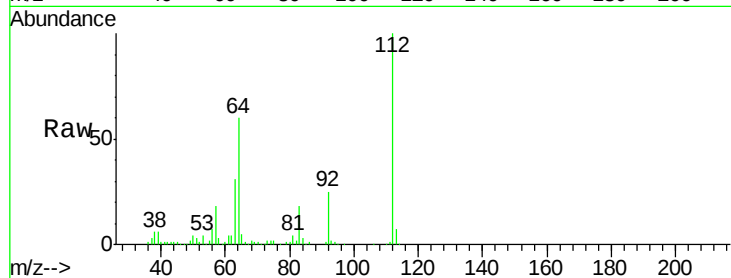
Tgt Ion: 112 Resp: 214762

Ion Ratio Lower Upper

112 100

64 60.2 53.5 80.3

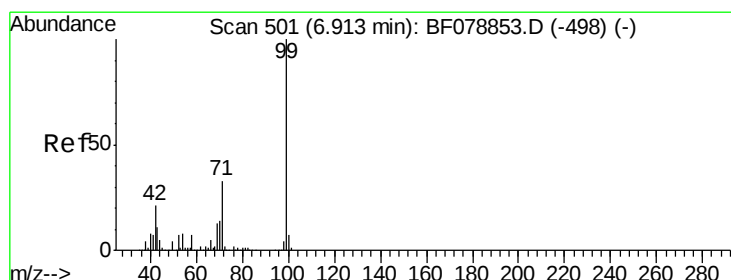
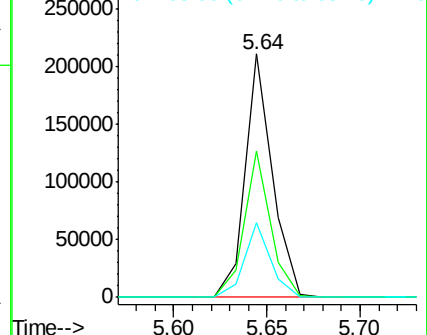
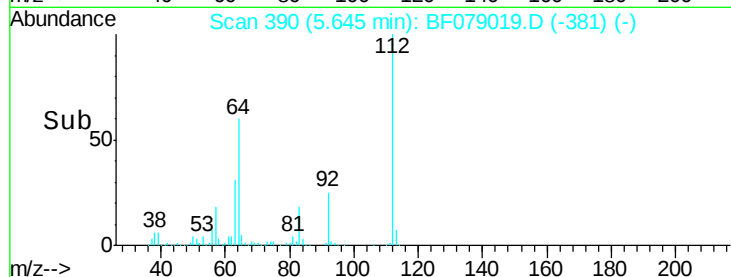
63 30.6 27.5 41.3



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: 35.10 ng

RT: 6.90 min Scan# 500

Delta R.T. 0.00 min

Lab File: BF079019.D

Acq: 8 May 2015 4:11

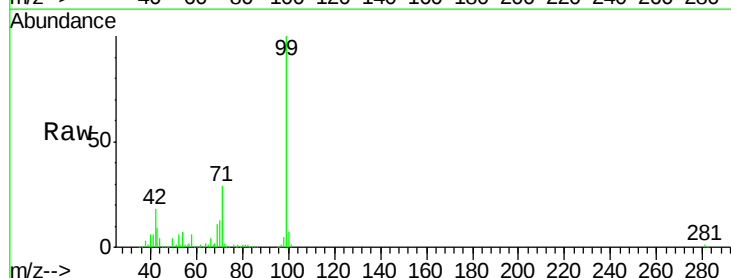
Tgt Ion: 99 Resp: 195949

Ion Ratio Lower Upper

99 100

42 17.6 12.8 19.2

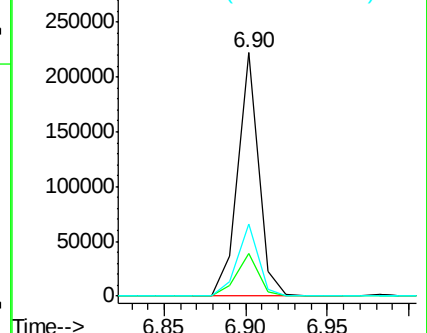
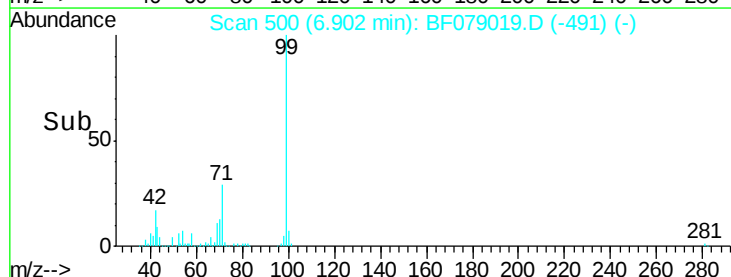
71 29.4 23.4 35.2

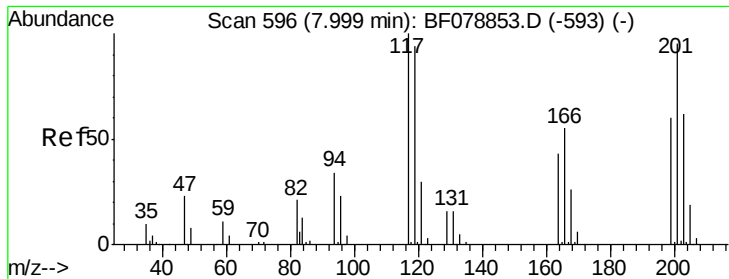


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

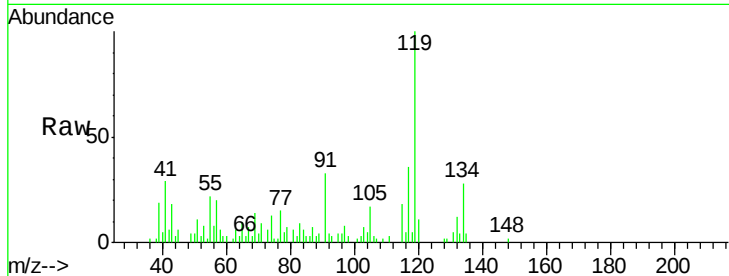




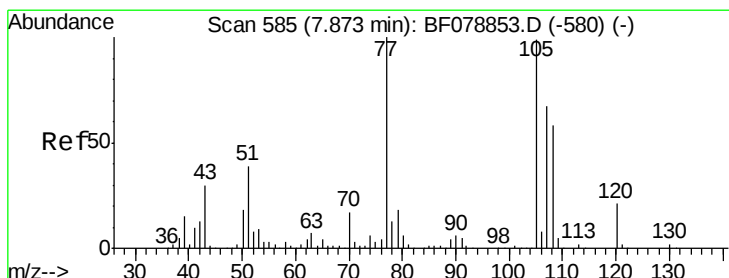
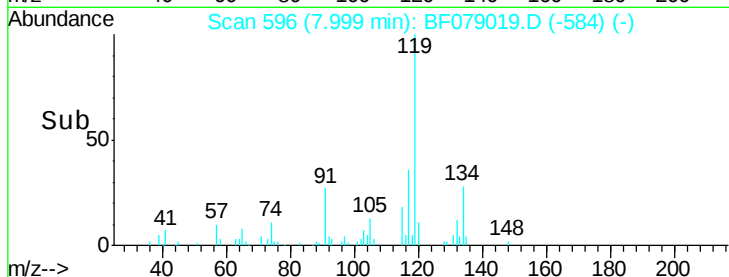
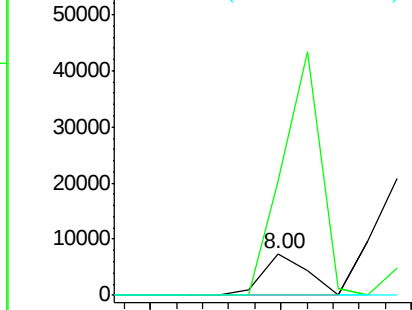
#18
Hexachloroethane
Concen: 4.58 ng
RT: 8.00 min Scan# 596
Delta R.T. 0.03 min
Lab File: BF079019.D
Acq: 8 May 2015 4:11

Instrument :
BNA_F
ClientSampled :
W-18

Tgt Ion:117 Resp: 8734
Ion Ratio Lower Upper
117 100
119 276.7 75.4 113.0#
201 0.0 83.2 124.8#



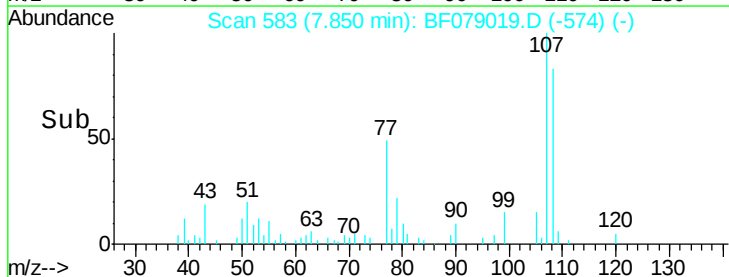
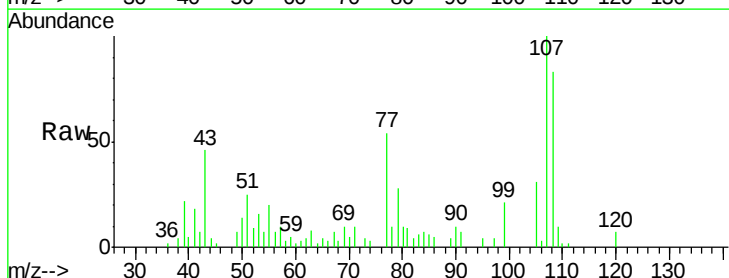
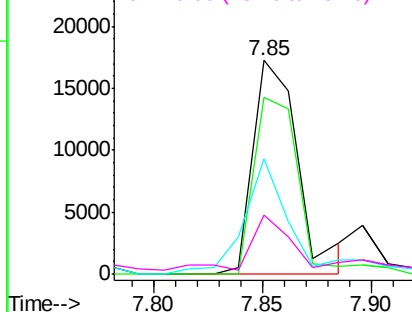
Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

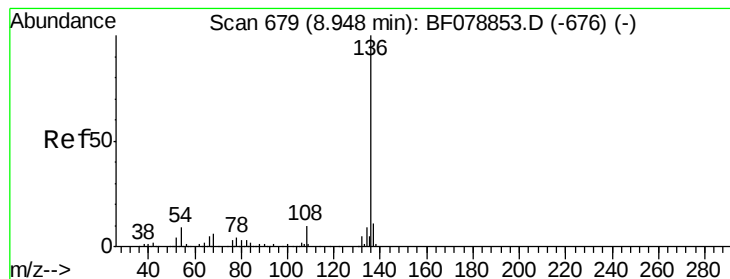


#20
3+4-Methylphenols
Concen: 4.84 ng
RT: 7.85 min Scan# 583
Delta R.T. 0.00 min
Lab File: BF079019.D
Acq: 8 May 2015 4:11

Tgt Ion:107 Resp: 24875
Ion Ratio Lower Upper
107 100
108 82.8 76.9 116.9
77 53.7 136.8 176.8#
79 27.5 9.7 49.7

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: 8.92 min Scan# 677

Delta R.T. 0.00 min

Lab File: BF079019.D

Acq: 8 May 2015 4:11

Instrument :

BNA_F

ClientSampleId :

W-18

Tgt Ion:136 Resp: 312360

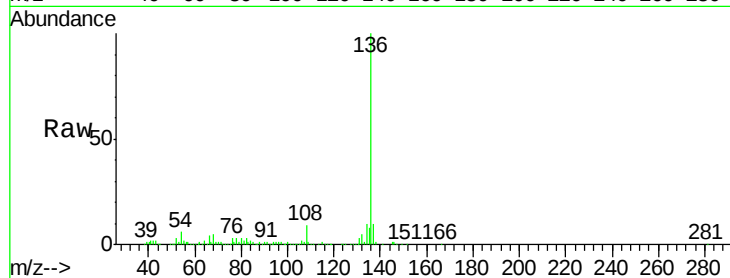
Ion Ratio Lower Upper

136 100

137 10.4 8.7 13.1

54 6.1 5.8 8.8

68 5.1 4.2 6.4

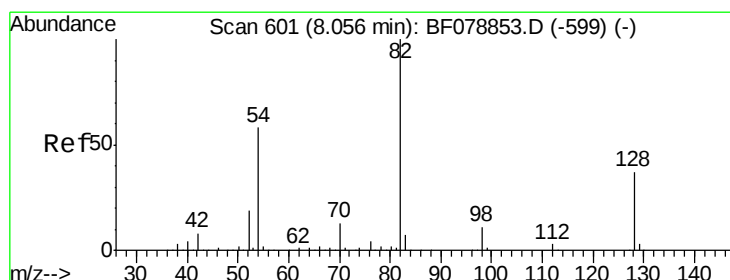
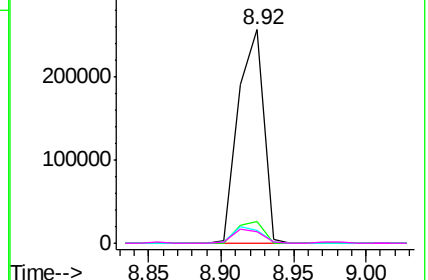
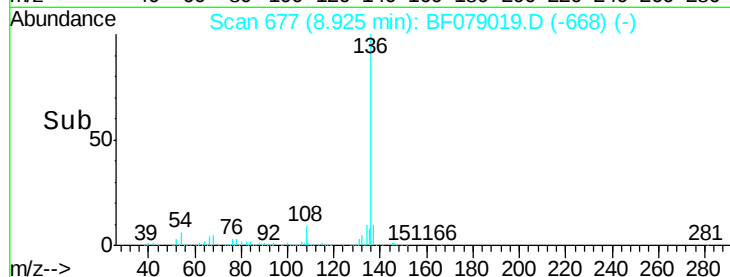


Abundance Ion 136.00 (135.70 to 136.70): E

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: 76.17 ng

RT: 8.03 min Scan# 599

Delta R.T. 0.00 min

Lab File: BF079019.D

Acq: 8 May 2015 4:11

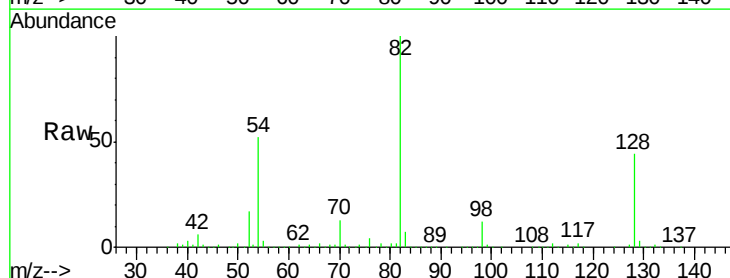
Tgt Ion: 82 Resp: 413963

Ion Ratio Lower Upper

82 100

128 44.5 30.0 45.0

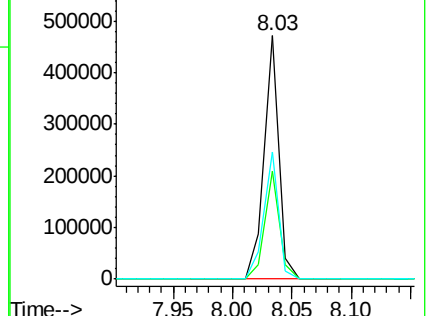
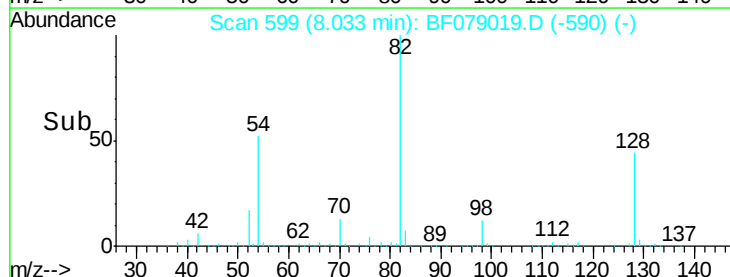
54 52.0 46.4 69.6

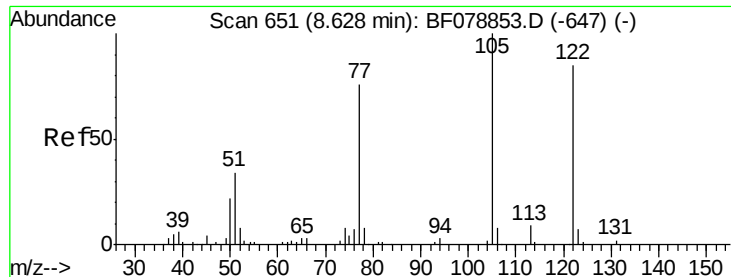


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

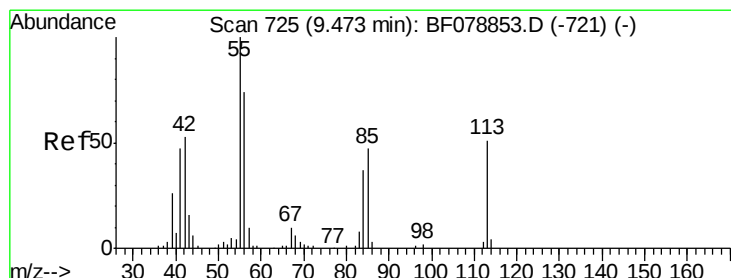
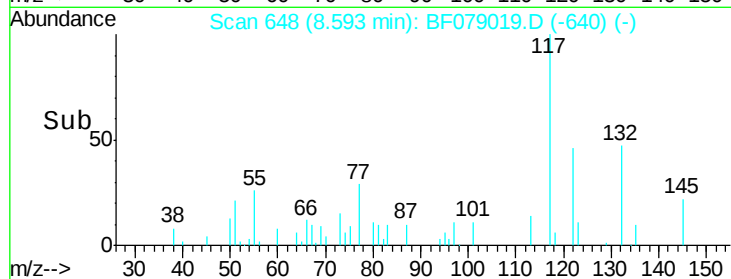
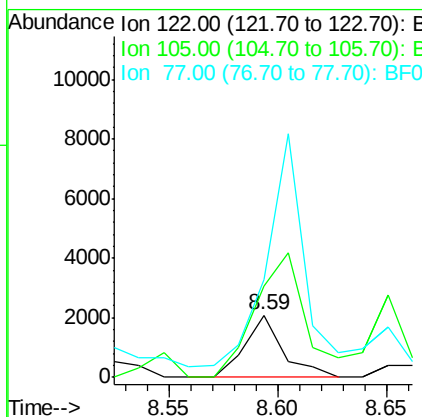
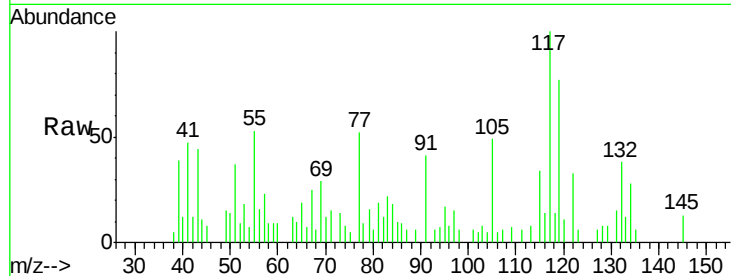




#32
Benzoic acid
Concen: 7.10 ng
RT: 8.59 min Scan# 648
Delta R.T. -0.01 min
Lab File: BF079019.D
Acq: 8 May 2015 4:11

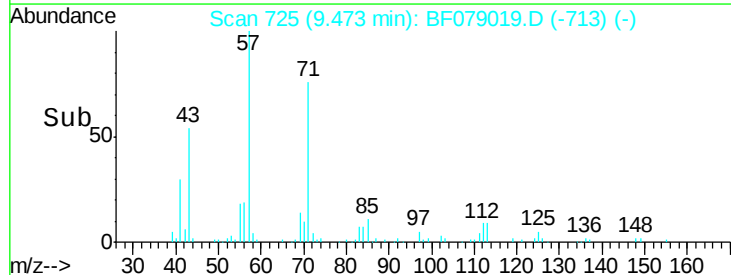
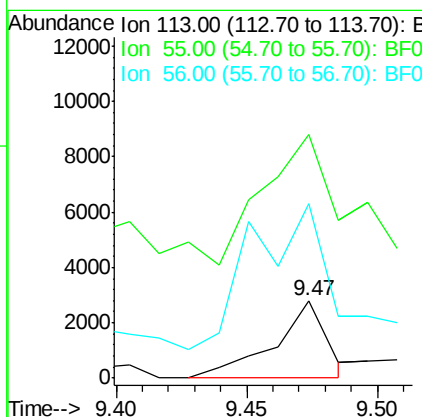
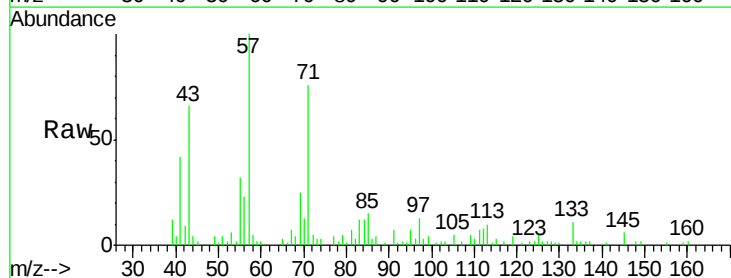
Instrument :
BNA_F
ClientSampled :
W-18

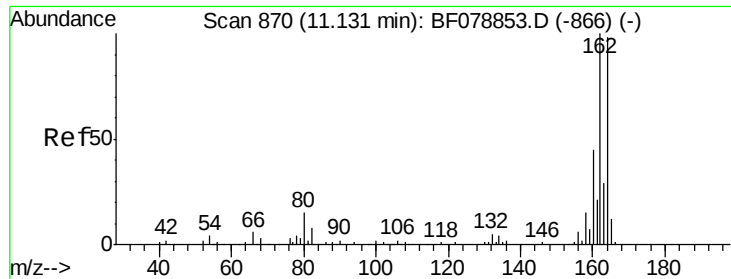
Tgt Ion:122 Resp: 2545
Ion Ratio Lower Upper
122 100
105 146.0 107.1 147.1
77 157.0 73.9 113.9#



#35
Caprolactam
Concen: 3.04 ng
RT: 9.47 min Scan# 725
Delta R.T. 0.03 min
Lab File: BF079019.D
Acq: 8 May 2015 4:11

Tgt Ion:113 Resp: 3900
Ion Ratio Lower Upper
113 100
55 314.1 169.7 209.7#
56 224.4 122.5 162.5#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 11.10 min Scan# 867

Delta R.T. 0.00 min

Lab File: BF079019.D

Acq: 8 May 2015 4:11

Instrument :

BNA_F

ClientSampled :

W-18

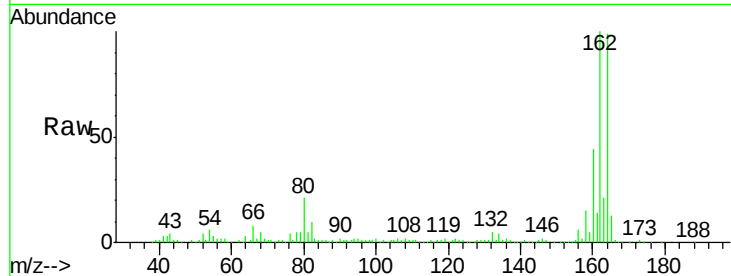
Tgt Ion:164 Resp: 165785

Ion Ratio Lower Upper

164 100

162 100.8 82.7 124.1

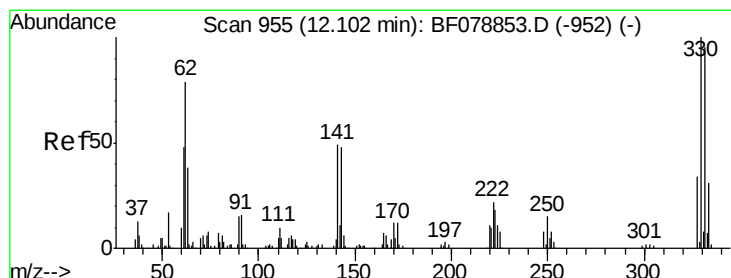
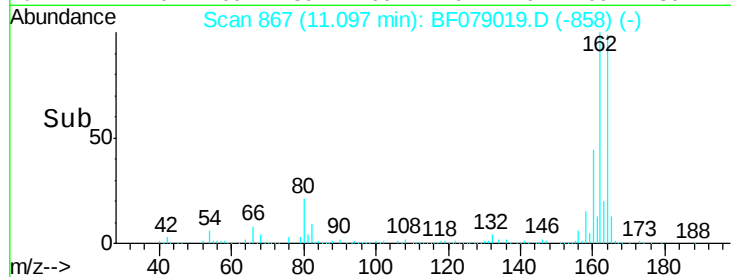
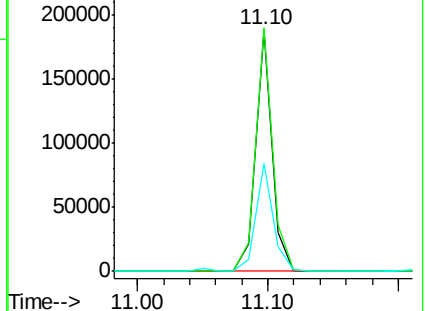
160 44.8 35.8 53.8



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: 108.97 ng

RT: 12.08 min Scan# 953

Delta R.T. 0.00 min

Lab File: BF079019.D

Acq: 8 May 2015 4:11

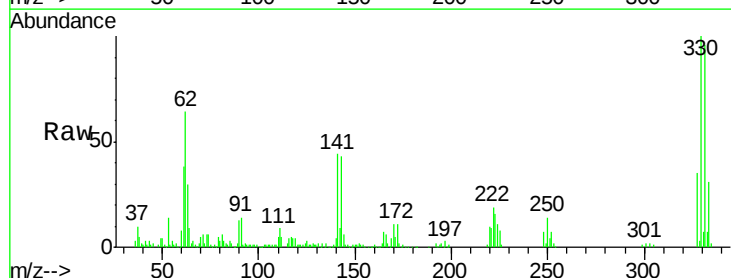
Tgt Ion:330 Resp: 195444

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

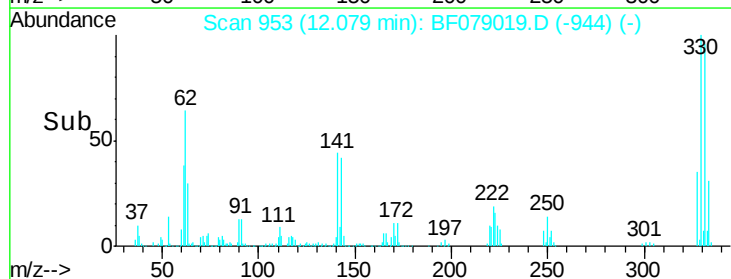
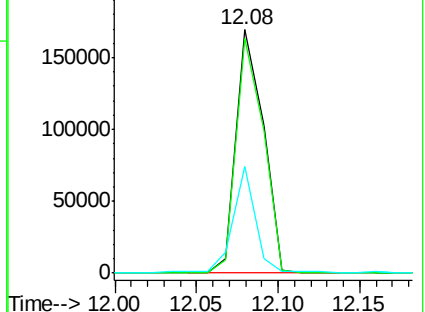
141 35.0 0.0 0.0#

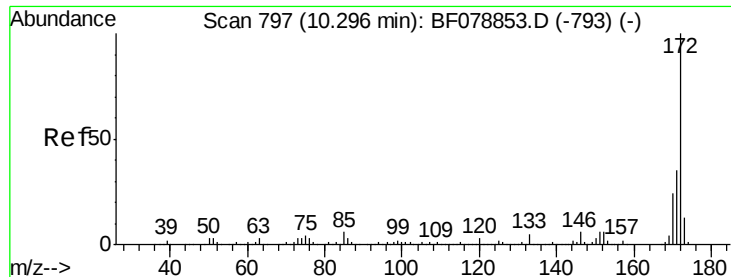


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

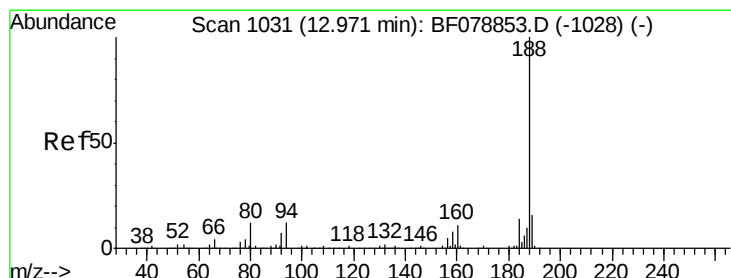
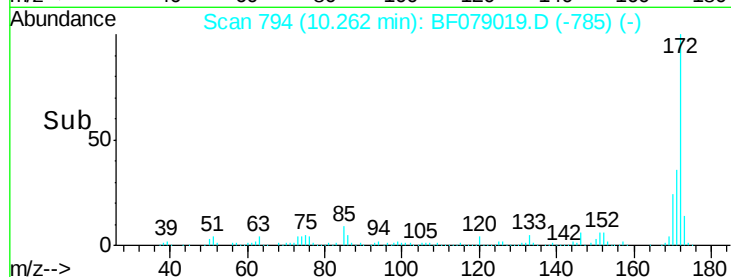
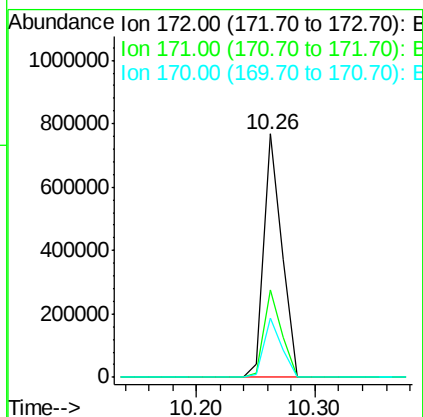
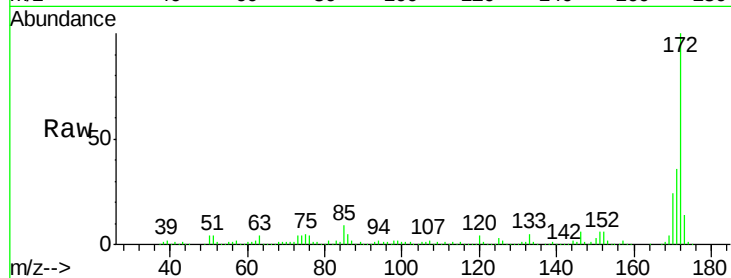




#44
 2-Fluorobiphenyl
 Concen: 68.39 ng
 RT: 10.26 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF079019.D
 Acq: 8 May 2015 4:11

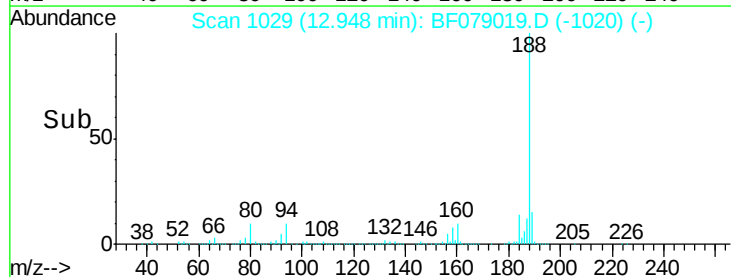
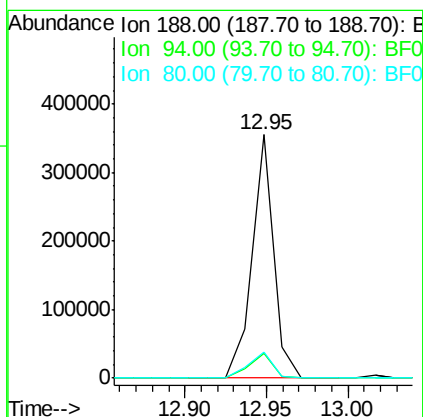
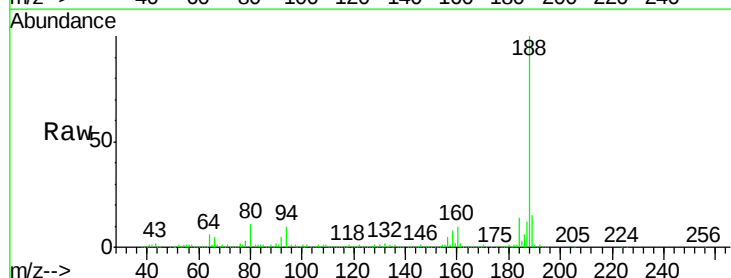
Instrument :
 BNA_F
 ClientSampleId :
 W-18

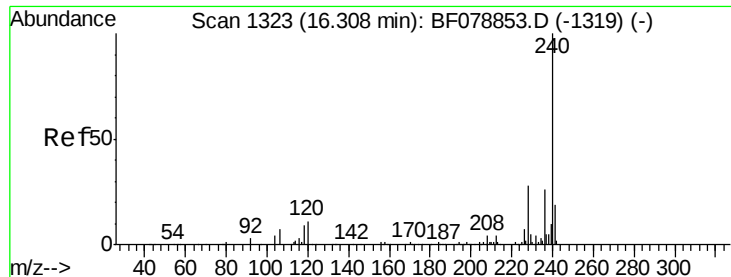
Tgt Ion:172 Resp: 813784
 Ion Ratio Lower Upper
 172 100
 171 35.9 27.9 41.9
 170 24.2 19.4 29.0



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.95 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF079019.D
 Acq: 8 May 2015 4:11

Tgt Ion:188 Resp: 324695
 Ion Ratio Lower Upper
 188 100
 94 10.2 8.2 12.2
 80 10.6 8.9 13.3





#75

Chrysene-d12

Concen: 20.00 ng

RT: 16.25 min Scan# 1318

Delta R.T. 0.00 min

Lab File: BF079019.D

Acq: 8 May 2015 4:11

Instrument :

BNA_F

ClientSampleId :

W-18

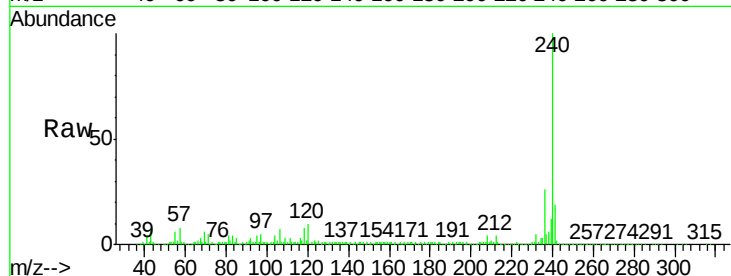
Tgt Ion:240 Resp: 356071

Ion Ratio Lower Upper

240 100

120 9.7 9.7 14.5

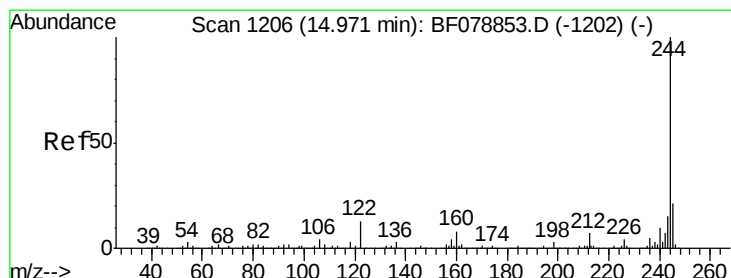
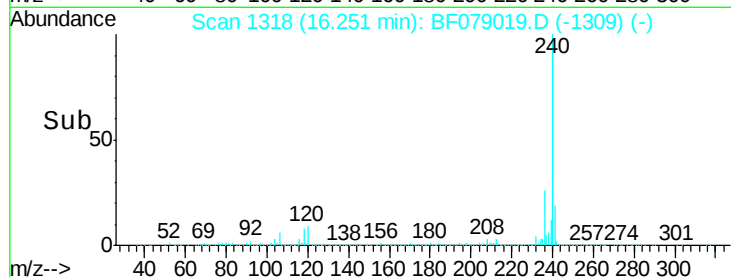
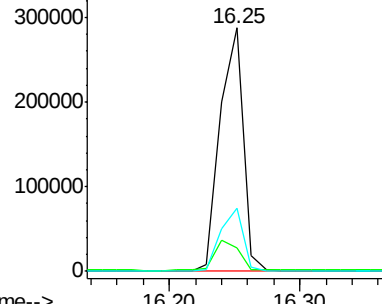
236 25.9 20.2 30.4



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: 64.78 ng

RT: 14.95 min Scan# 1204

Delta R.T. 0.00 min

Lab File: BF079019.D

Acq: 8 May 2015 4:11

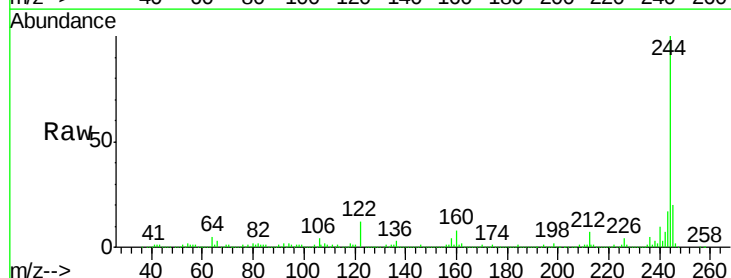
Tgt Ion:244 Resp: 963452

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

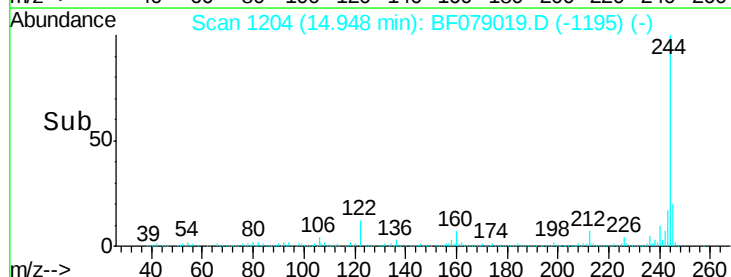
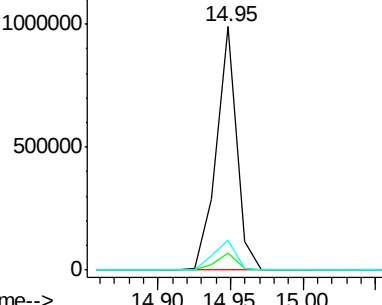
122 12.2 10.3 15.5

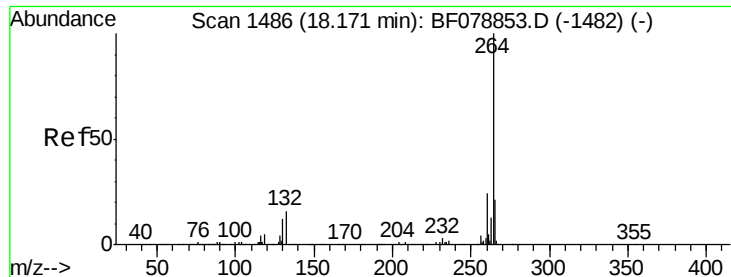


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Perylene-d12
Concen: 20.00 ng
RT: 18.00 min Scan# 1471
Delta R.T. 0.01 min
Lab File: BF079019.D
Acq: 8 May 2015 4:11

Instrument :
BNA_F
ClientSampleId :
W-18

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.4	29.2
265	21.5	18.3	27.5

