

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 04:59:05 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

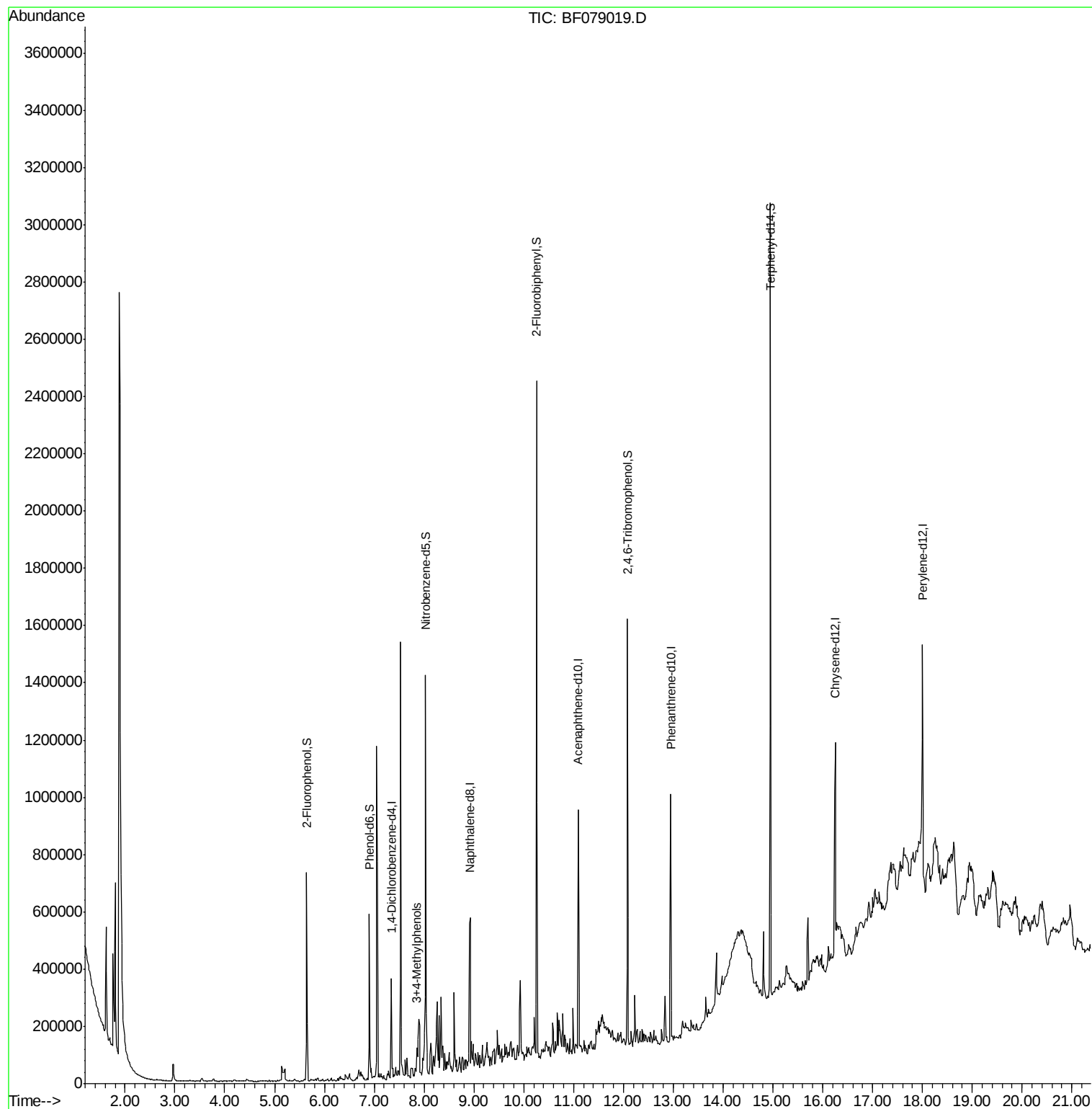
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.35	152	72700	20.00	ng	0.00
21) Naphthalene-d8	8.92	136	312360	20.00	ng	0.00
38) Acenaphthene-d10	11.10	164	165785	20.00	ng	0.00
63) Phenanthrene-d10	12.95	188	324695	20.00	ng	0.00
75) Chrysene-d12	16.25	240	356071	20.00	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						
20) 3+4-Methylphenols	7.85	107	24875	4.84	ng	Qvalue # 51

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

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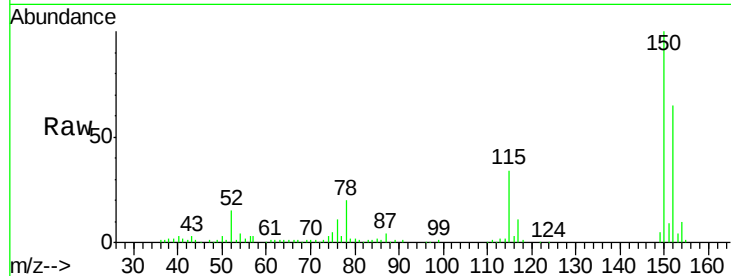


#1

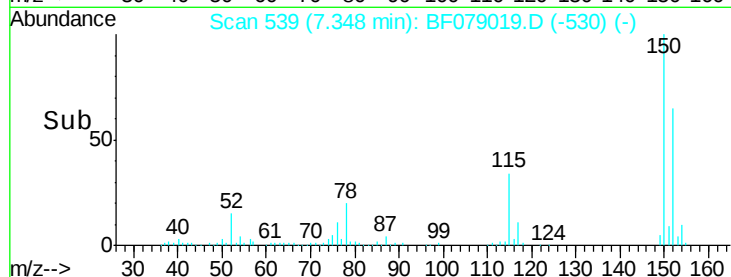
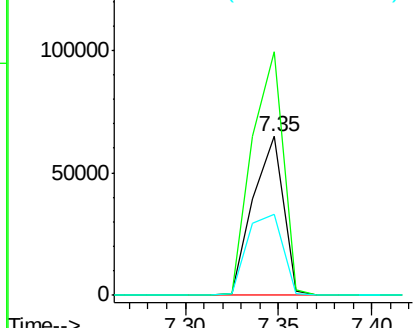
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.35 min Scan# 539
 Delta R.T. 0.00 min
 Lab File: BF079019.D
 Acq: 8 May 2015 4:11

Instrument :
 BNA_F
 ClientSampleId :
 W-18

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



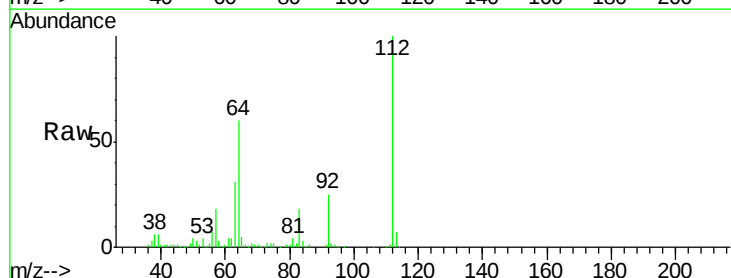
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



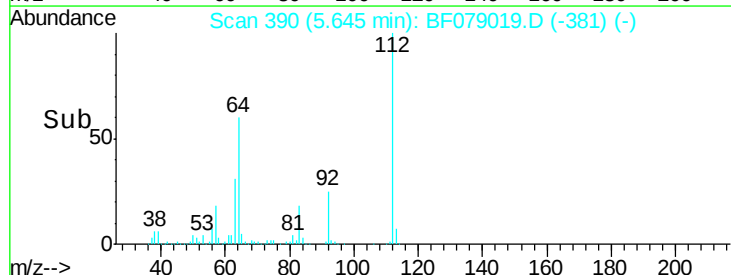
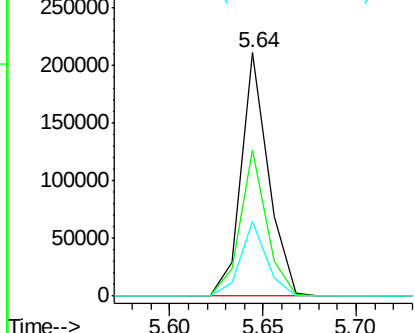
#5

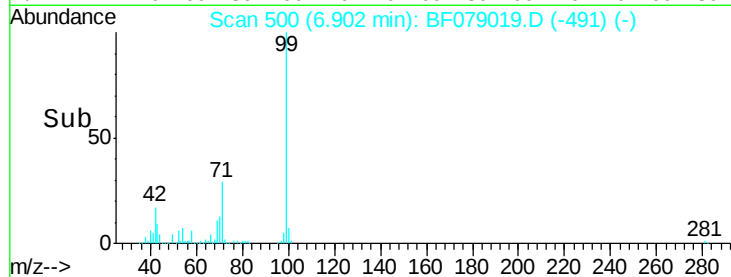
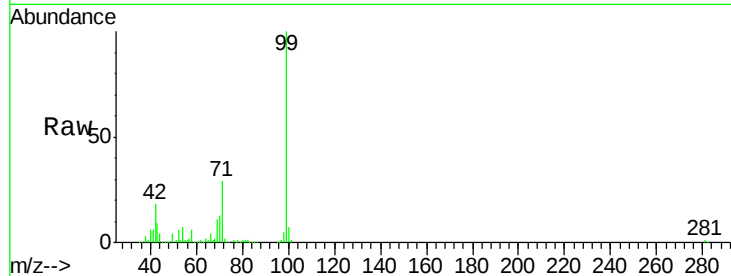
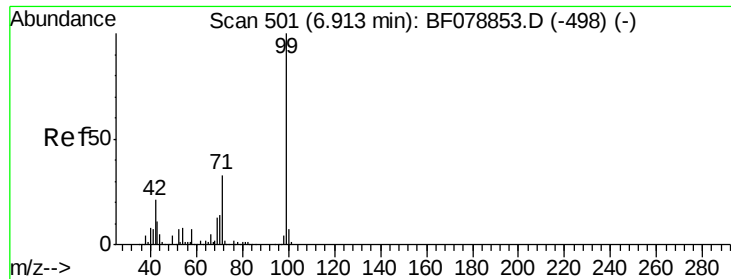
2-Fluorophenol
 Concen: 50.85 ng
 RT: 5.64 min Scan# 390
 Delta R.T. 0.00 min
 Lab File: BF079019.D
 Acq: 8 May 2015 4:11

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

Instrument :

BNA_F

ClientSampleId :

W-18

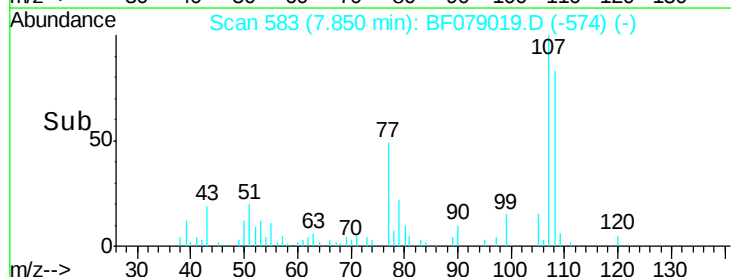
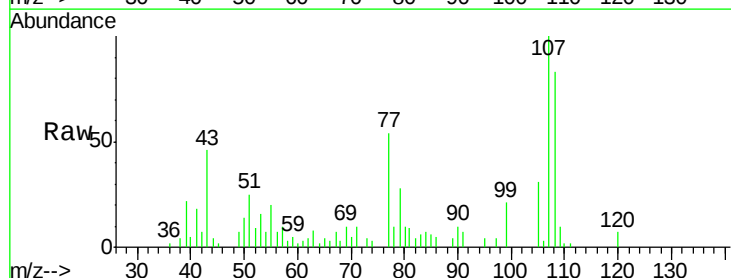
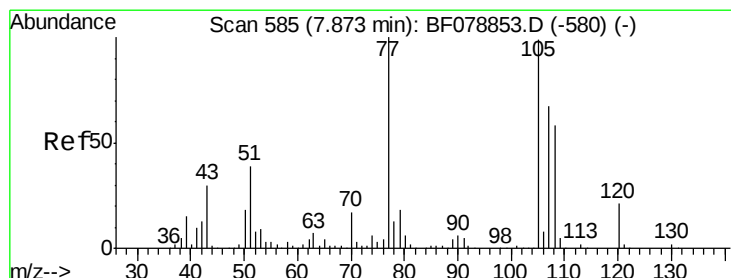
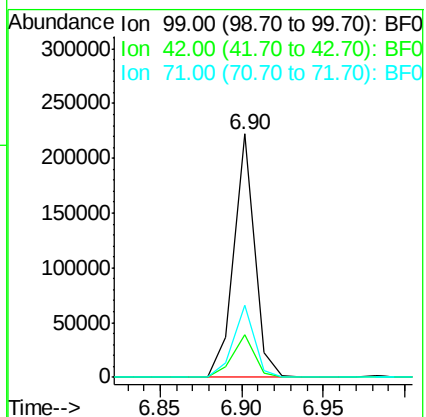
Tot Ion: 99 Resp: 195949

Ion Ratio Lower Upper

99 100

42 17.6 12.8 19.2

71 29.4 23.4 35.2



#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

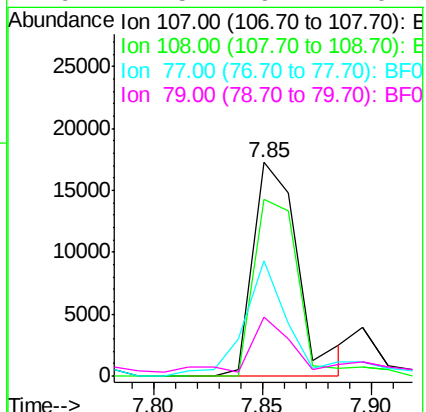
Ion Ratio Lower Upper

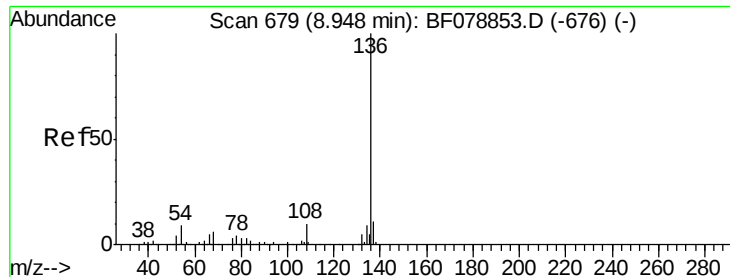
107 100

108 82.8 76.9 116.9

77 53.7 136.8 176.8#

79 27.5 9.7 49.7

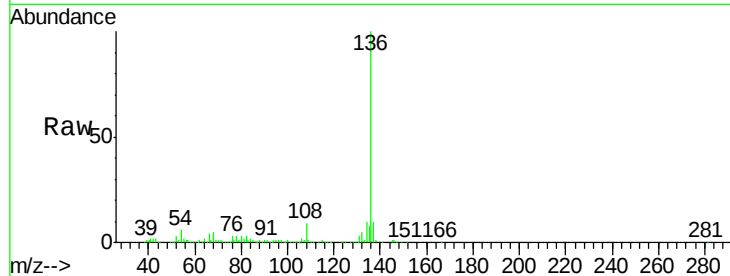




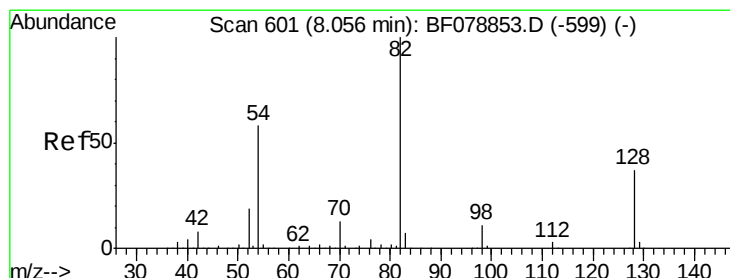
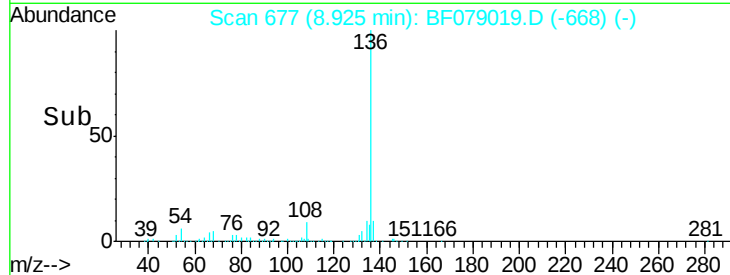
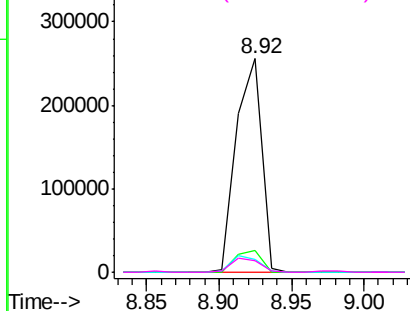
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.92 min Scan# 677
Delta R.T. 0.00 min
Lab File: BF079019.D
Acq: 8 May 2015 4:11

Instrument :
BNA_F
ClientSampleId :
W-18

Tot 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

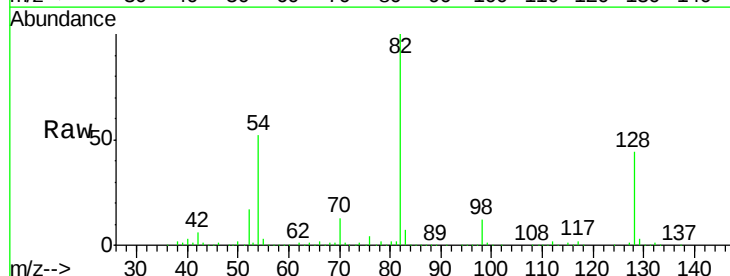


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

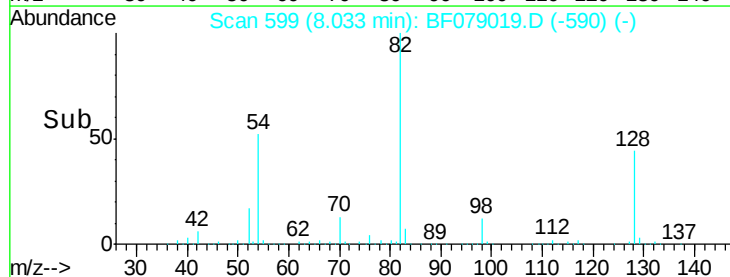
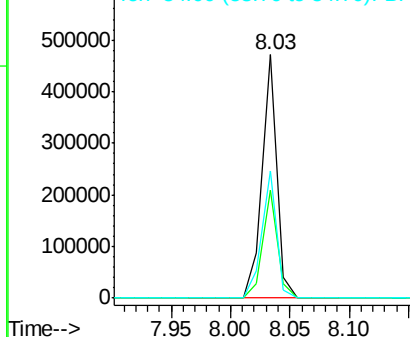


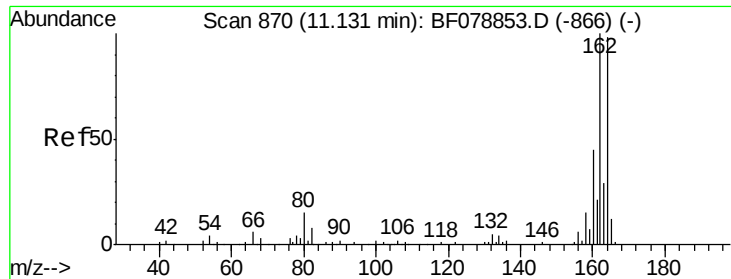
#23
Nitrobenzene-d5
Concen: 76.17 ng
RT: 8.03 min Scan# 599
Delta R.T. 0.00 min
Lab File: BF079019.D
Acq: 8 May 2015 4:11

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





#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

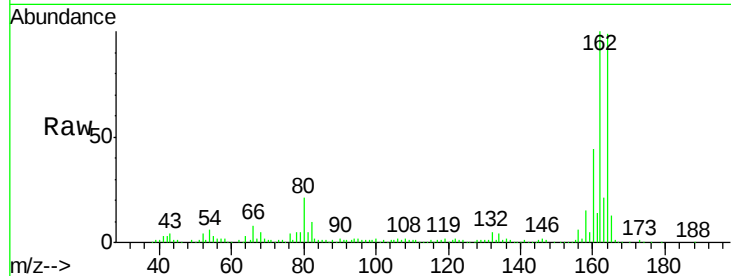
Tot Ion:164 Resp: 165785

Ion Ratio Lower Upper

164 100

162 100.8 82.7 124.1

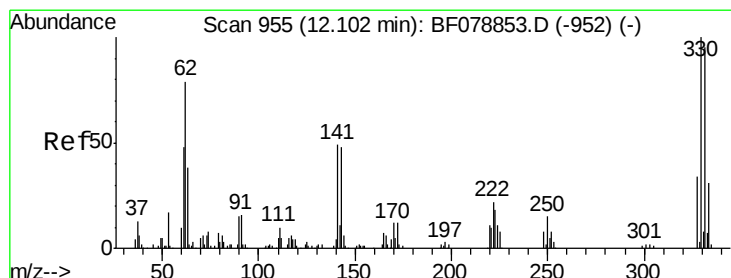
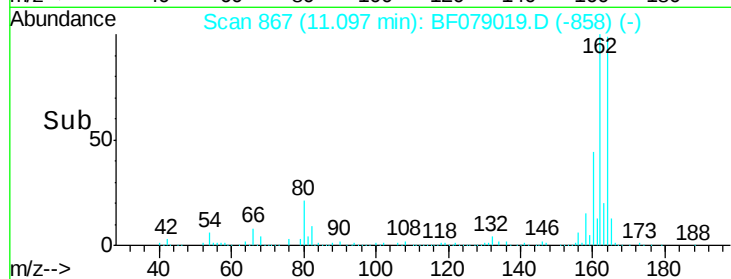
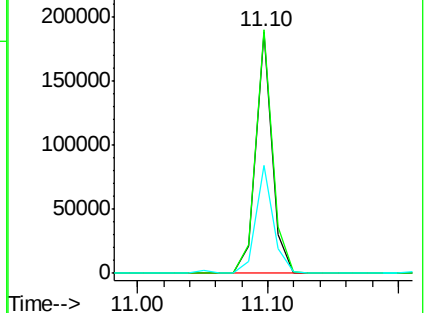
160 44.8 35.8 53.8



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

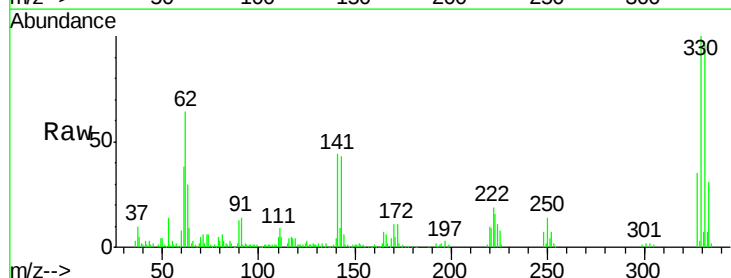
Tgt Ion:330 Resp: 195444

Ion Ratio Lower Upper

330 100

332 96.5 0.0 0.0#

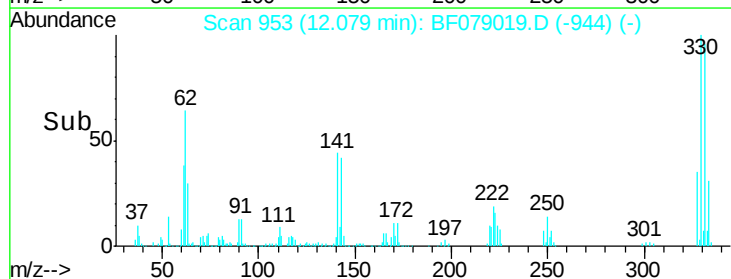
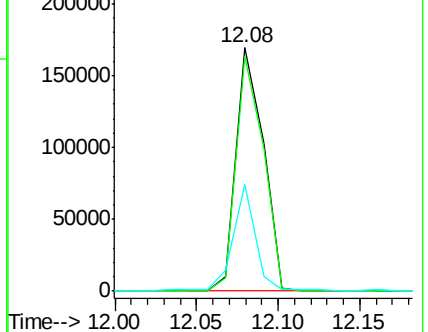
141 35.0 0.0 0.0#

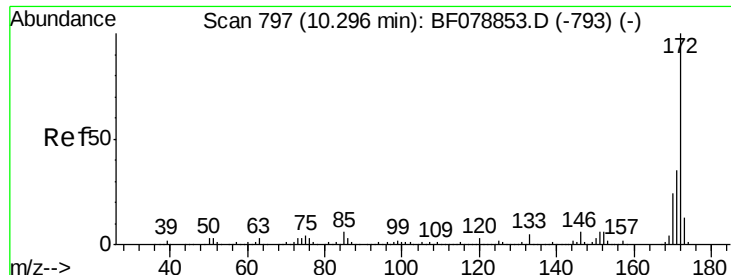


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

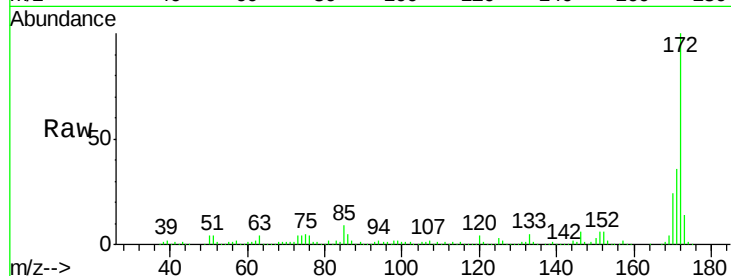




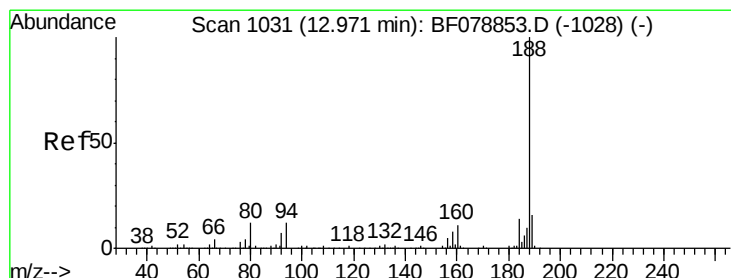
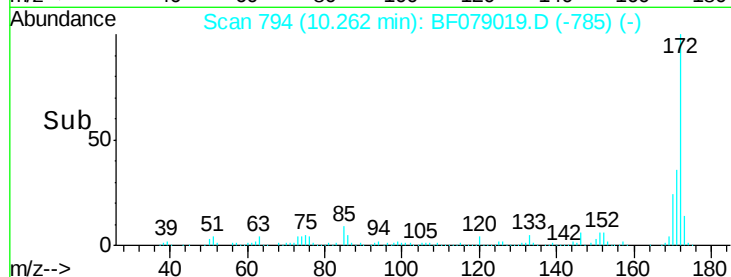
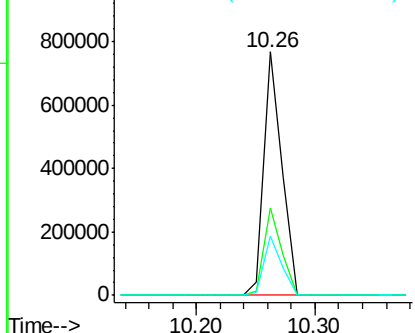
#44
 2-Fluorobiphenyl
 Concen: 68.39 ng
 RT: 10.26 min Scan# 794
 Delta R.T. 0.00 min
 Lab File: BF079019.D
 Acq: 8 May 2015 4:11

Instrument :
 BNA_F
 ClientSampled :
 W-18

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

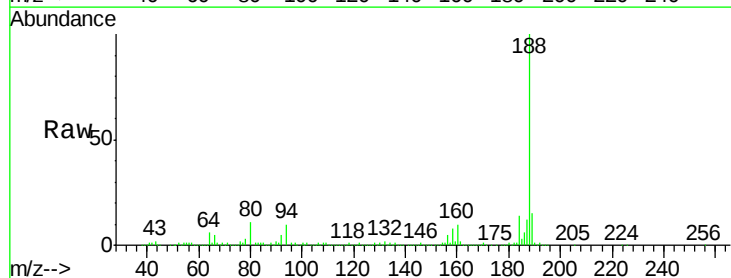


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

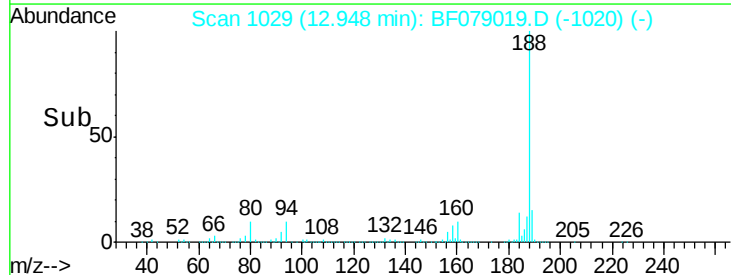
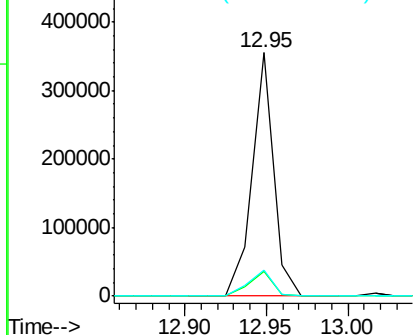


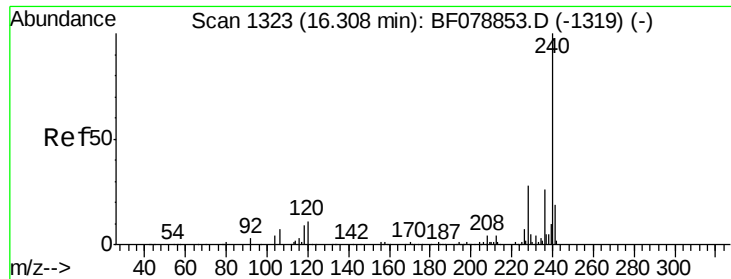
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 12.95 min Scan# 1029
 Delta R.T. 0.00 min
 Lab File: BF079019.D
 Acq: 8 May 2015 4:11

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



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: 16.25 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

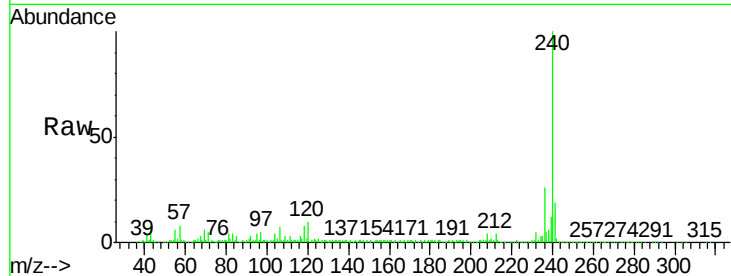
Tot Ion:240 Resp: 356071

Ion Ratio Lower Upper

240 100

120 9.7 9.7 14.5

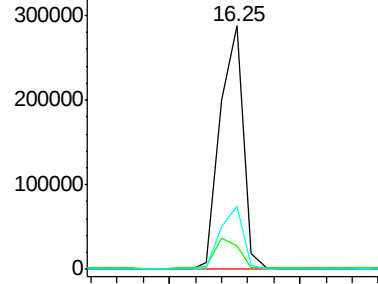
236 25.9 20.2 30.4



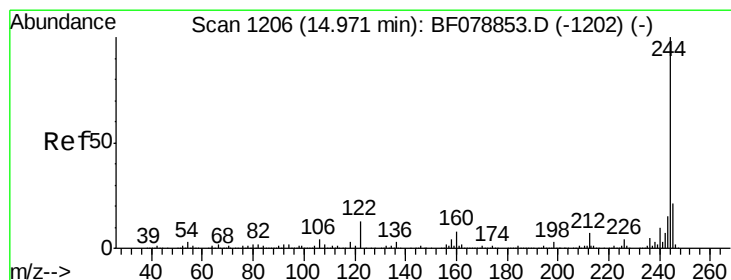
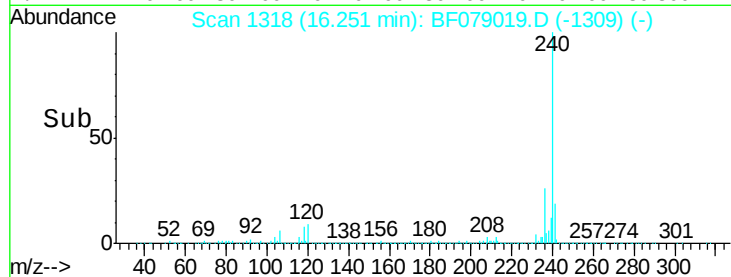
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time-->



#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

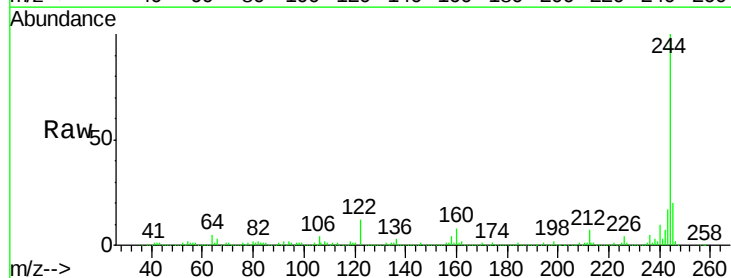
Tgt Ion:244 Resp: 963452

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

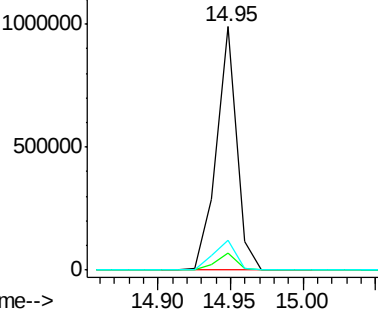
122 12.2 10.3 15.5



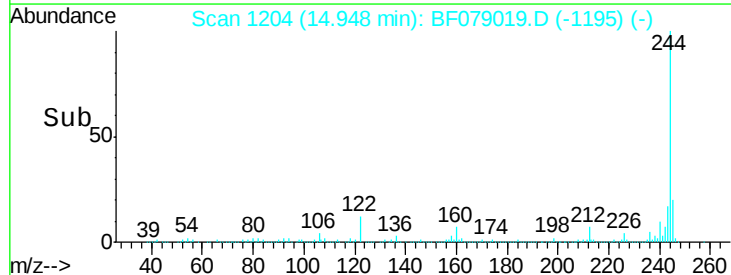
Abundance Ion 244.00 (243.70 to 244.70): E

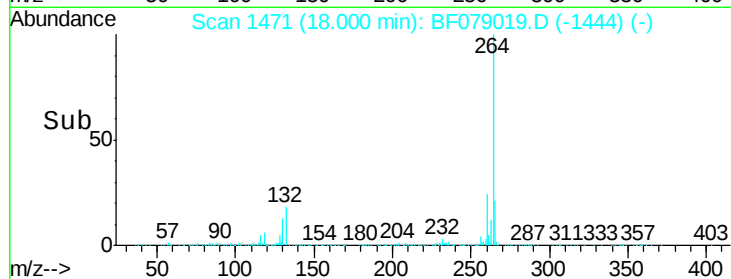
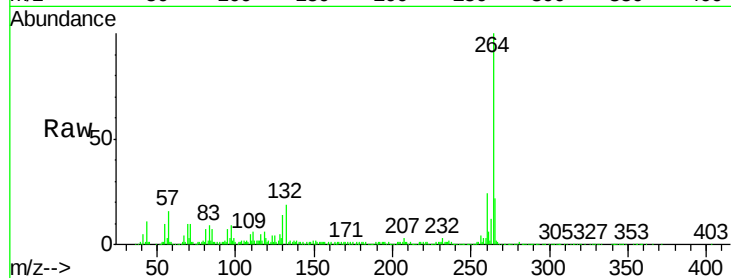
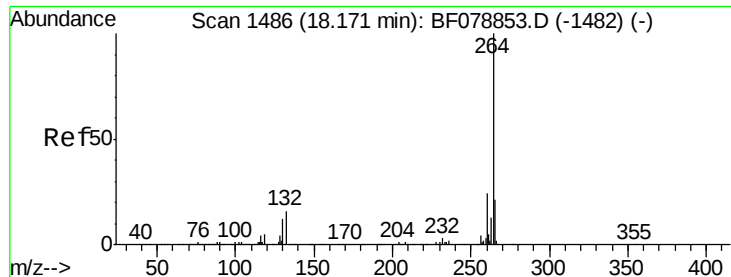
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-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

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

