

Data Path : \\TSCIENT\Z\HPCHEM1\BNA F\DATA\BF022615\
 Data File : BF077498.D
 Acq On : 27 Feb 2015 8:48
 Operator : TP/IZ
 Sample : G1385-04
 Misc : S
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 10:36:05 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF021915.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 27 07:02:57 2015
 Response via : Initial Calibration

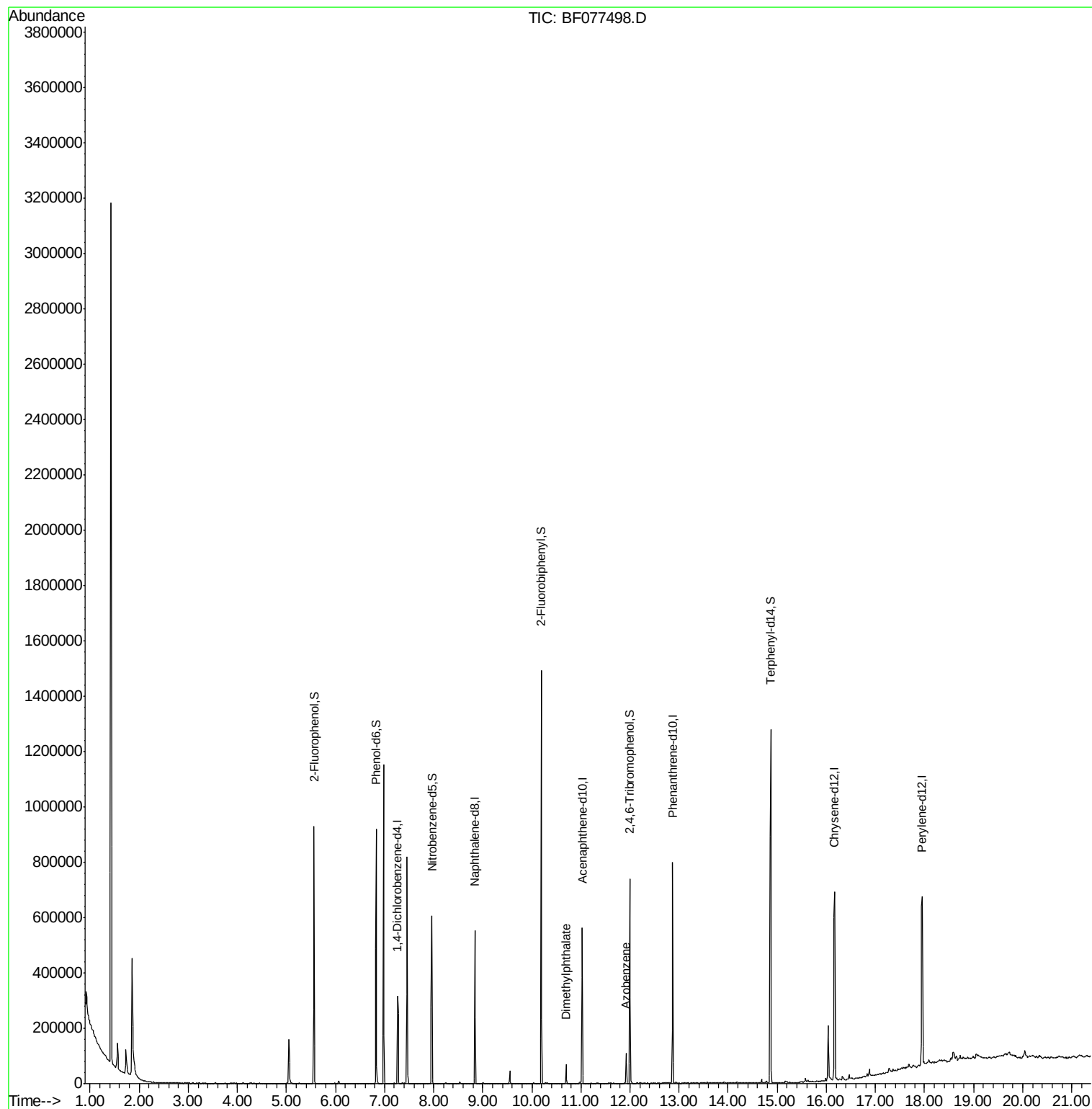
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	69229	20.00	ng	0.00
21) Naphthalene-d8	8.85	136	282512	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	145834	20.00	ng	0.00
63) Phenanthrene-d10	12.86	188	302834	20.00	ng	0.00
75) Chrysene-d12	16.16	240	355888	20.00	ng	0.02
86) Perylene-d12	17.95	264	341601	20.00	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	272337	65.67	ng	0.01
7) Phenol-d6	6.83	99	368509	69.12	ng	0.00
23) Nitrobenzene-d5	7.96	82	214079	47.12	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	95996	68.36	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	461483	49.34	ng	0.00
78) Terphenyl-d14	14.86	244	565730	37.16	ng	0.00
Target Compounds						
49) Dimethylphthalate	10.70	163	29380	2.87	ng	99
62) Azobenzene	11.92	77	27041	2.82	ng	# 1

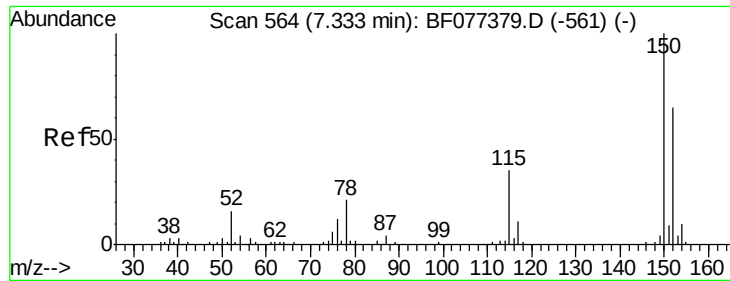
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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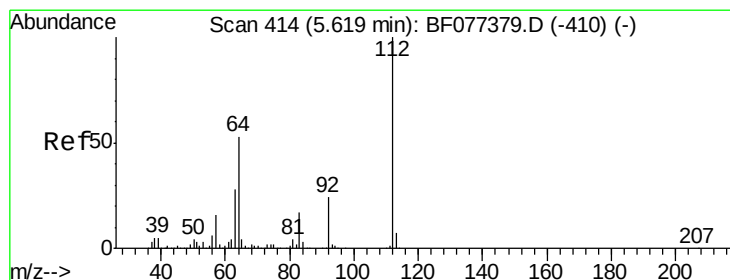
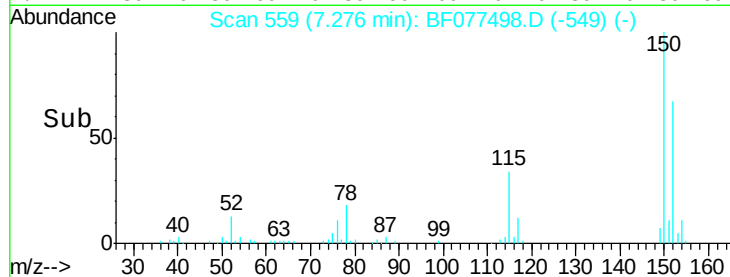
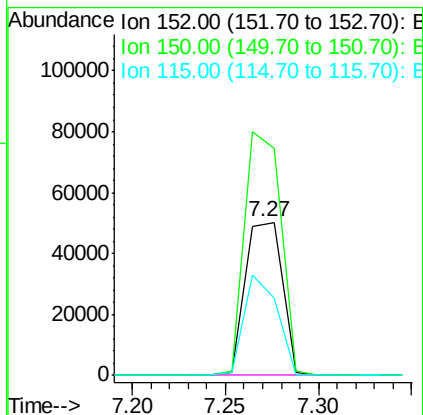
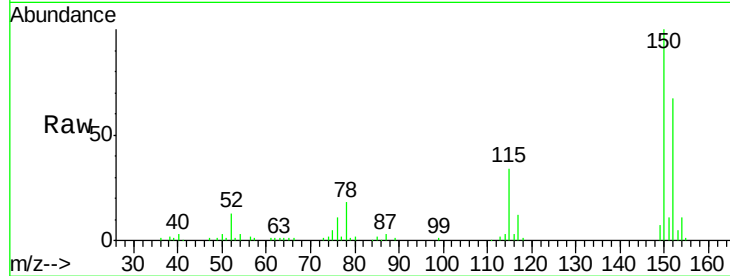


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF077498.D
Acq: 27 Feb 2015 8:48

Instrument :
BNA_F
ClientSampleId :

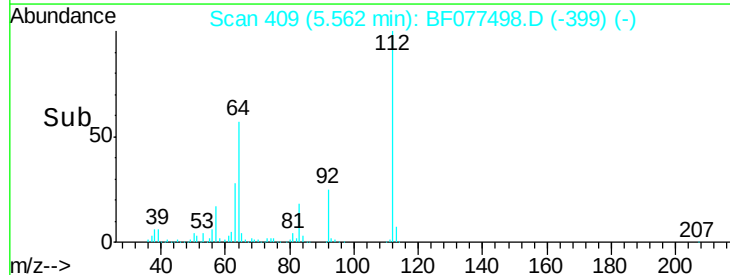
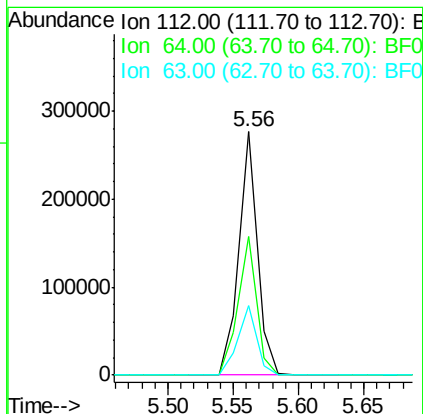
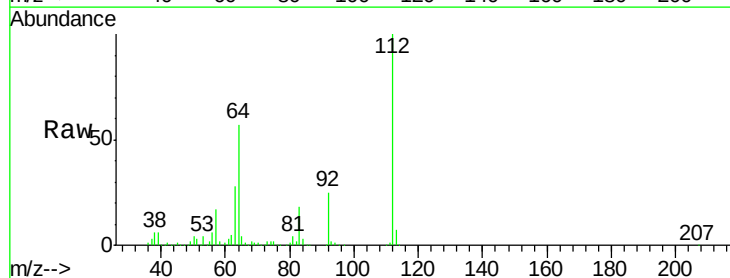
Tot Ion:152 Resp: 69229
Ion Ratio Lower Upper
152 100
150 148.6 124.0 186.0
115 50.5 49.4 74.2

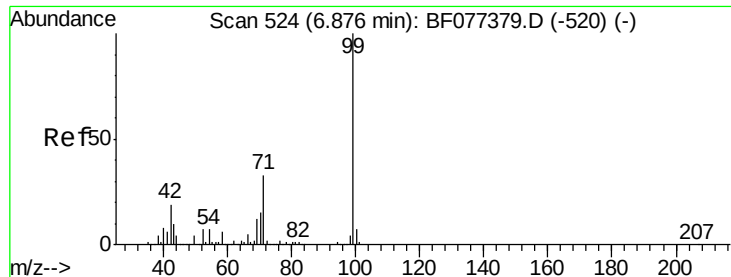


#5

2-Fluorophenol
Concen: 65.67 ng
RT: 5.56 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF077498.D
Acq: 27 Feb 2015 8:48

Tgt Ion:112 Resp: 272337
Ion Ratio Lower Upper
112 100
64 56.7 48.5 72.7
63 28.4 25.0 37.4





#7

Phenol-d6

Concen: 69.12 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF077498.D

Acq: 27 Feb 2015 8:48

Instrument :

BNA_F

ClientSampleId :

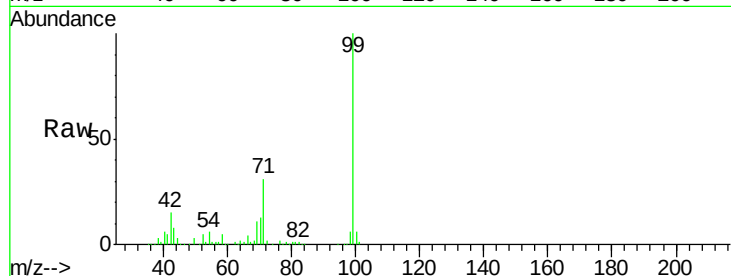
Tot Ion: 99 Resp: 368509

Ion Ratio Lower Upper

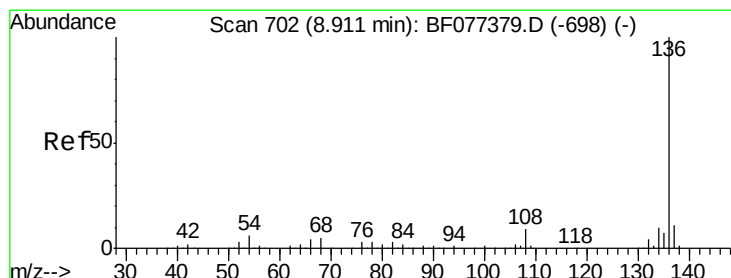
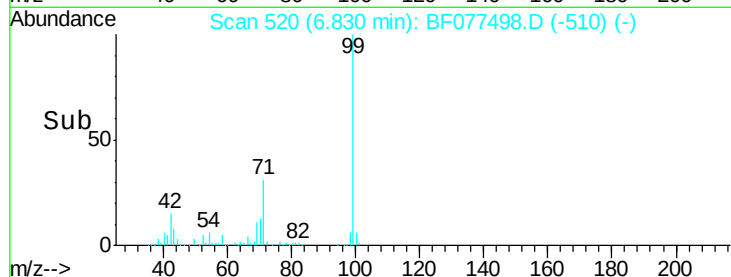
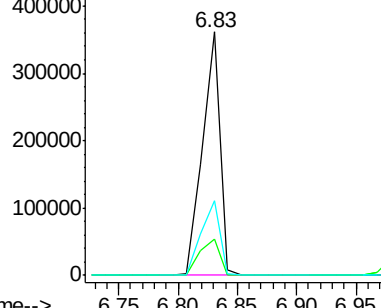
99 100

42 14.9 16.2 24.4#

71 30.8 26.7 40.1



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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.85 min Scan# 696

Delta R.T. 0.00 min

Lab File: BF077498.D

Acq: 27 Feb 2015 8:48

Tgt Ion: 136 Resp: 282512

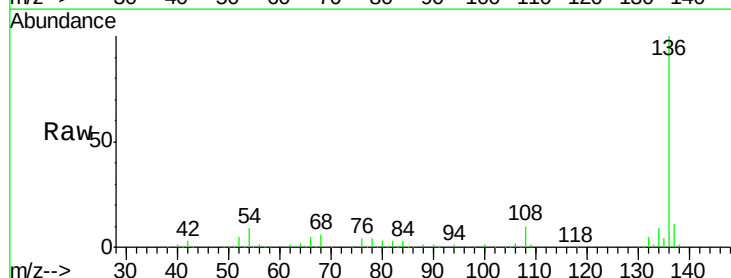
Ion Ratio Lower Upper

136 100

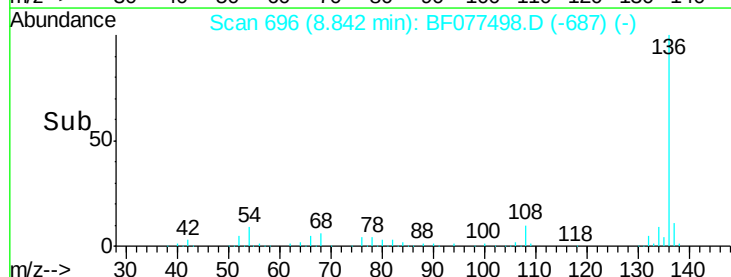
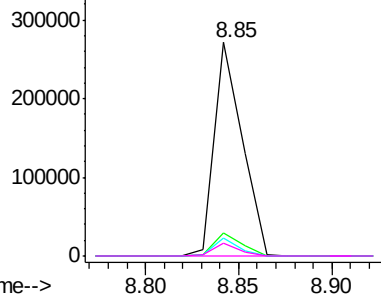
137 11.1 8.6 13.0

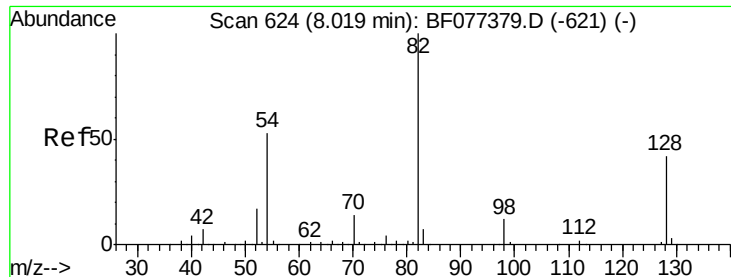
54 8.5 6.2 9.4

68 6.0 5.0 7.6



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

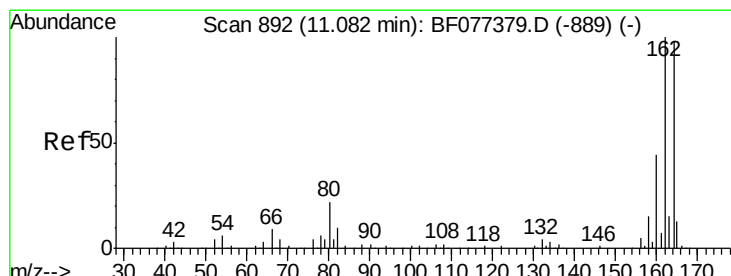
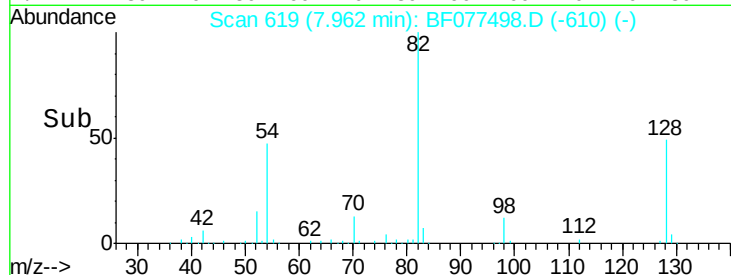
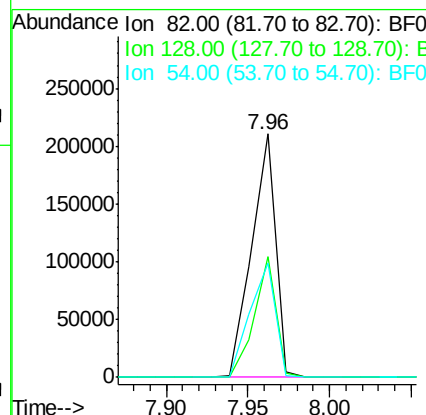
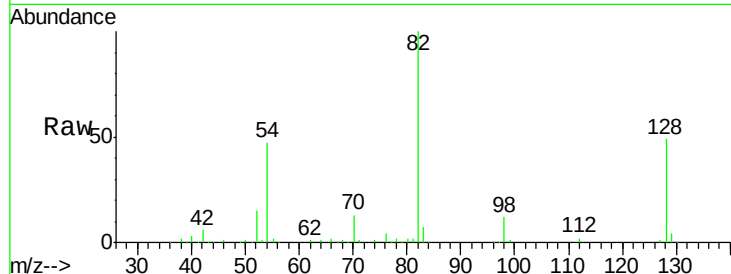




#23
 Nitrobenzene-d5
 Concen: 47.12 ng
 RT: 7.96 min Scan# 619
 Delta R.T. -0.00 min
 Lab File: BF077498.D
 Acq: 27 Feb 2015 8:48

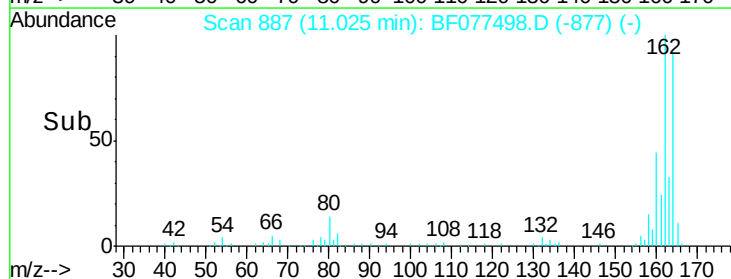
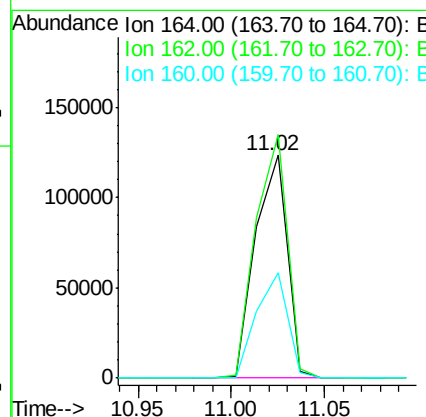
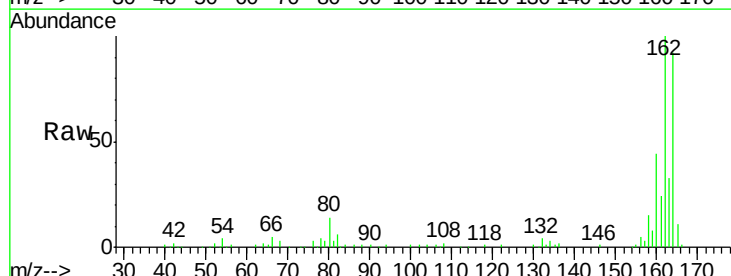
Instrument :
 BNA_F
 ClientSampleId :

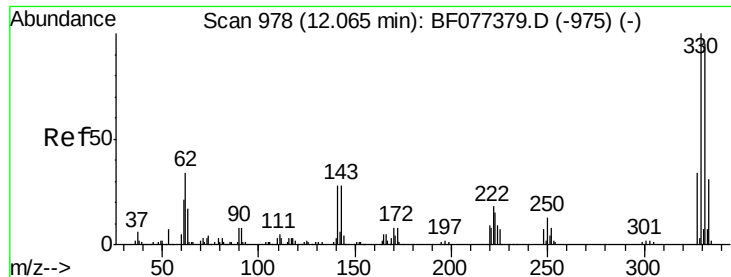
Tot Ion	82	Resp	214079
Ion Ratio	100	Lower	Upper
128	49.5	43.8	65.8
54	46.9	36.7	55.1



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 11.02 min Scan# 887
 Delta R.T. 0.01 min
 Lab File: BF077498.D
 Acq: 27 Feb 2015 8:48

Tgt Ion	164	Resp	145834
Ion Ratio	100	Lower	Upper
162	109.2	83.2	124.8
160	47.5	34.6	52.0

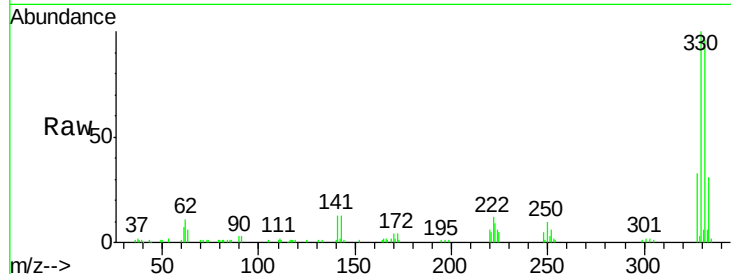




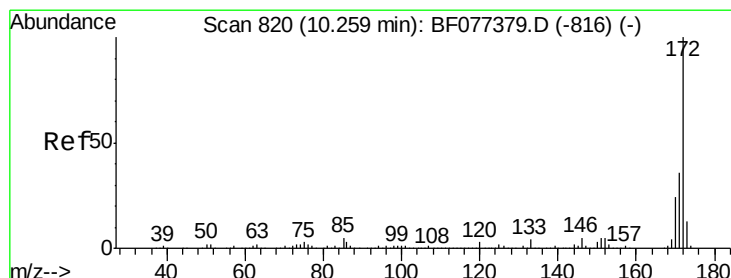
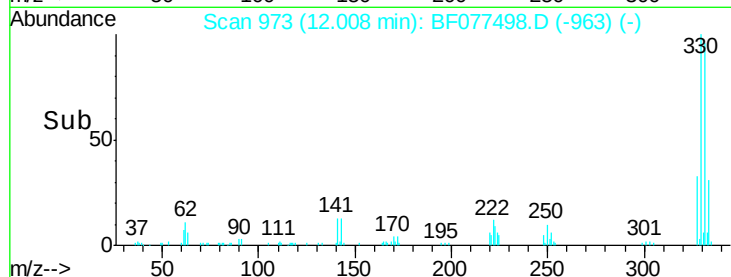
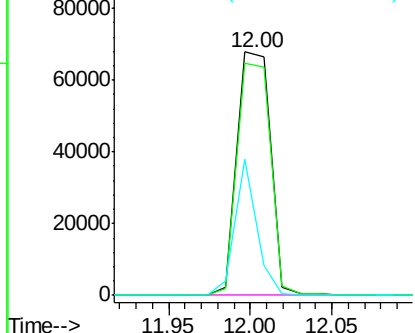
#41
 2,4,6-Tribromophenol
 Concen: 68.36 ng
 RT: 12.00 min Scan# 973
 Delta R.T. 0.01 min
 Lab File: BF077498.D
 Acq: 27 Feb 2015 8:48

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:330 Resp: 95996
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 36.2 28.8 43.2

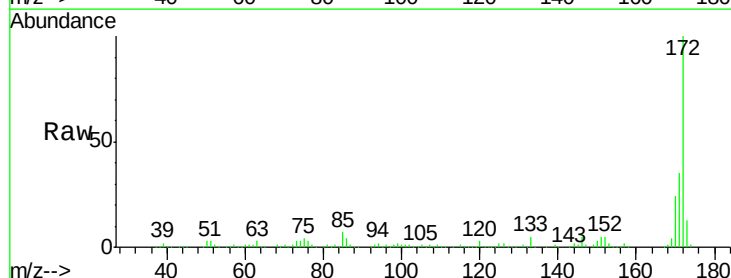


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

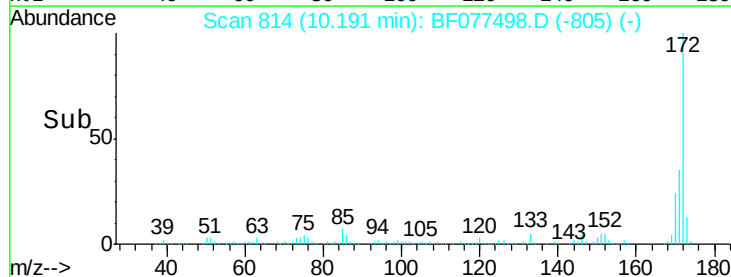
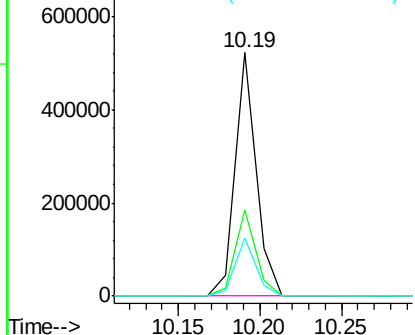


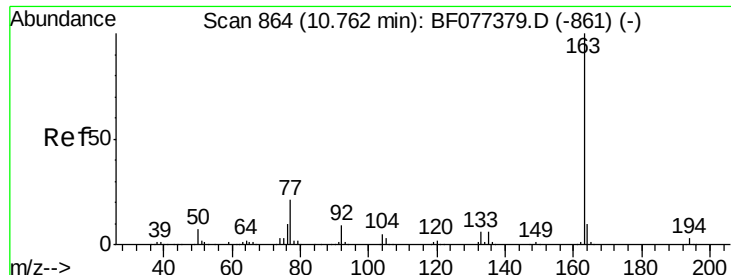
#44
 2-Fluorobiphenyl
 Concen: 49.34 ng
 RT: 10.19 min Scan# 814
 Delta R.T. 0.00 min
 Lab File: BF077498.D
 Acq: 27 Feb 2015 8:48

Tgt Ion:172 Resp: 461483
 Ion Ratio Lower Upper
 172 100
 171 35.3 28.9 43.3
 170 23.6 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

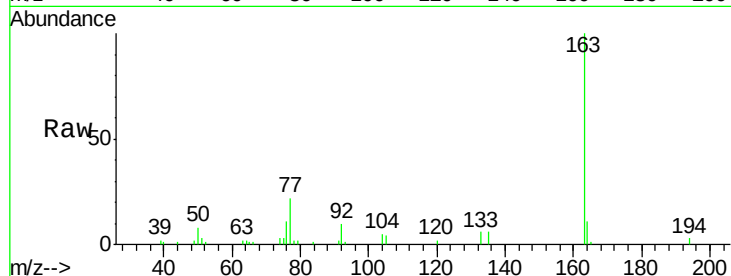




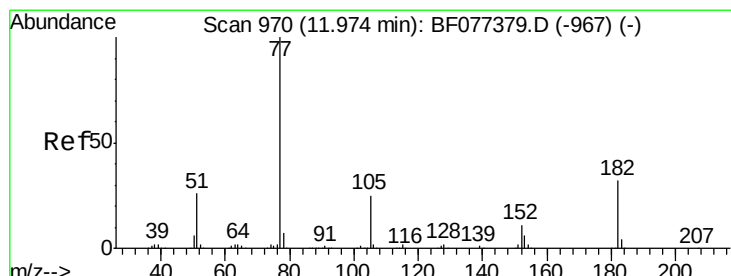
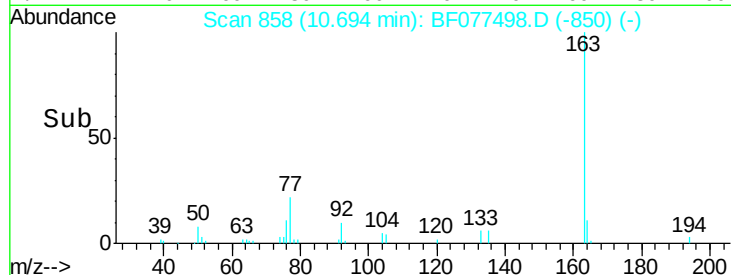
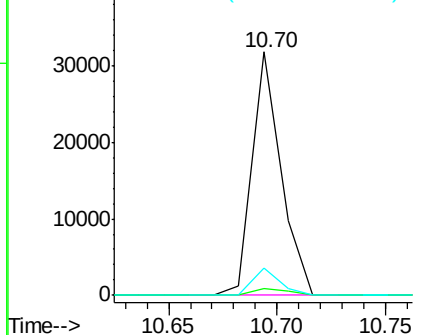
#49
Dimethylphthalate
Concen: 2.87 ng
RT: 10.70 min Scan# 858
Delta R.T. -0.01 min
Lab File: BF077498.D
Acq: 27 Feb 2015 8:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 29380
Ion Ratio Lower Upper
163 100
194 2.9 2.6 4.0
164 11.0 8.6 13.0

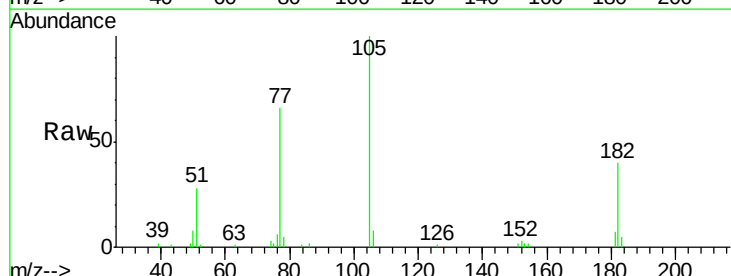


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

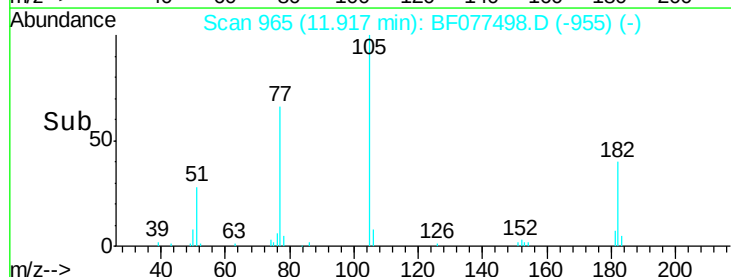
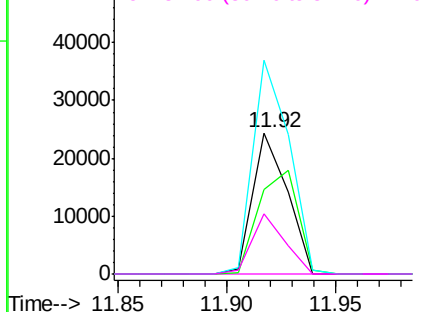


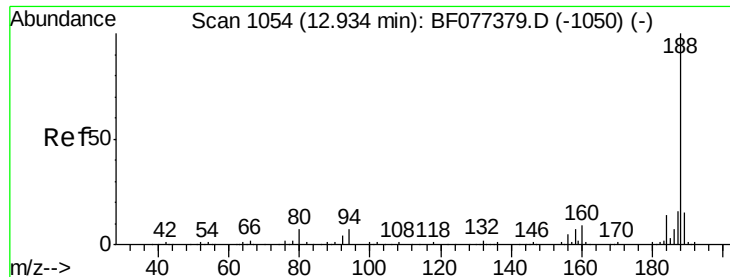
#62
Azobenzene
Concen: 2.82 ng
RT: 11.92 min Scan# 965
Delta R.T. 0.02 min
Lab File: BF077498.D
Acq: 27 Feb 2015 8:48

Tgt Ion: 77 Resp: 27041
Ion Ratio Lower Upper
77 100
182 60.3 4.9 44.9#
105 151.6 3.3 43.3#
51 43.1 8.9 48.9



Abundance Ion 77.00 (76.70 to 77.70): BF0
Ion 182.00 (181.70 to 182.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 51.00 (50.70 to 51.70): BF0

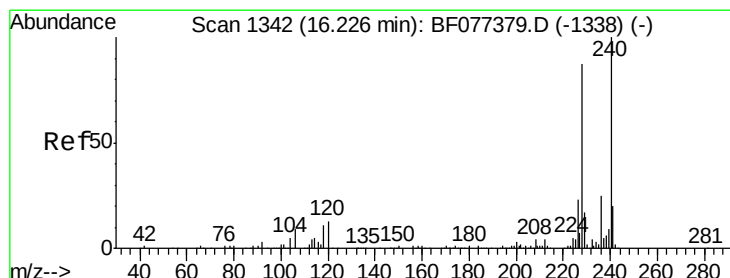
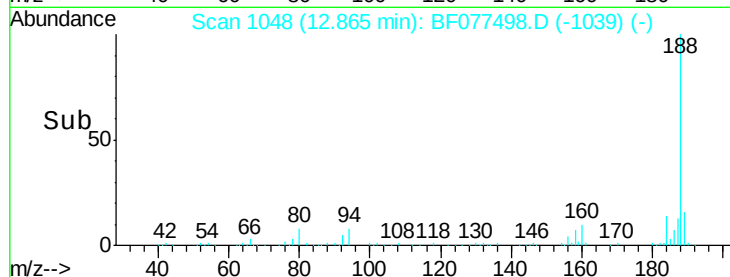
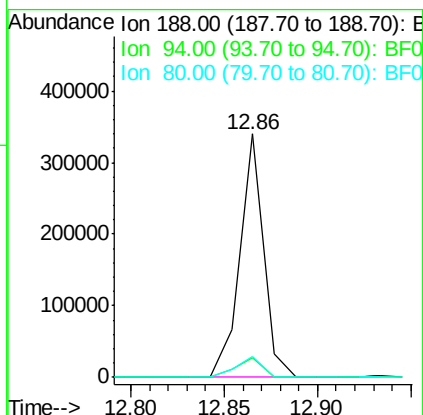
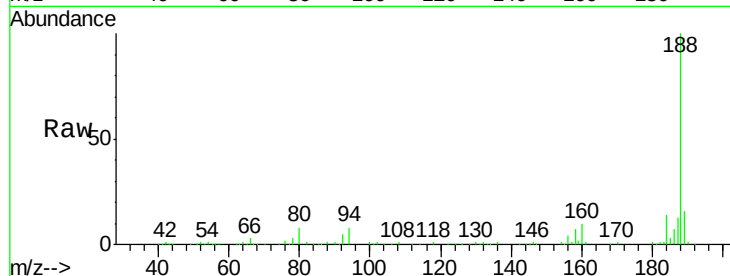




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.86 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF077498.D
Acq: 27 Feb 2015 8:48

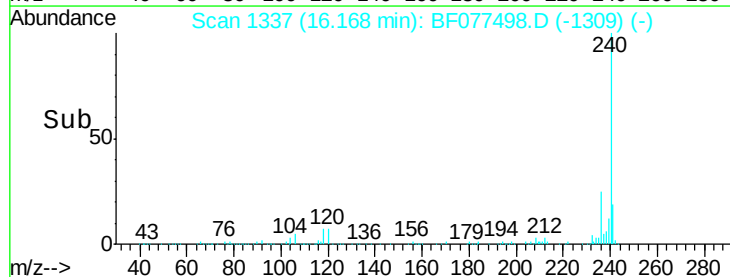
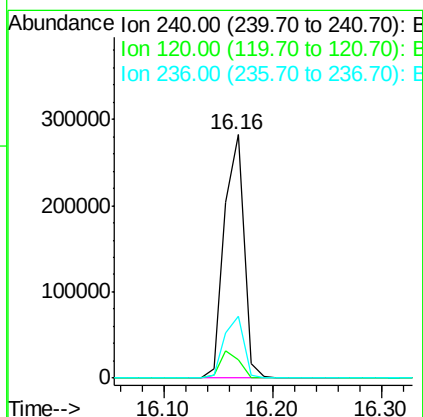
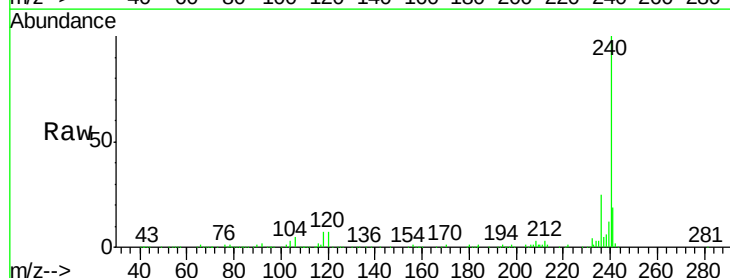
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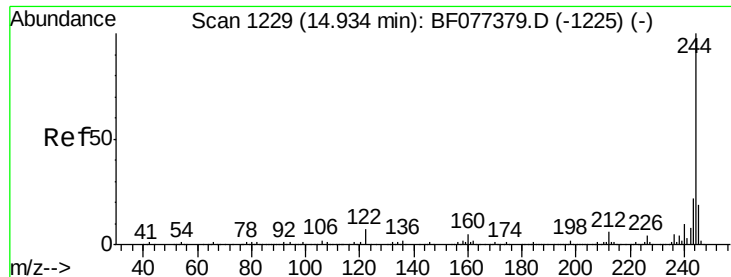
Tot Ion:188 Resp: 302834
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.4 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.16 min Scan# 1337
Delta R.T. 0.02 min
Lab File: BF077498.D
Acq: 27 Feb 2015 8:48

Tgt Ion:240 Resp: 355888
Ion Ratio Lower Upper
240 100
120 7.5 8.8 13.2#
236 25.3 20.7 31.1

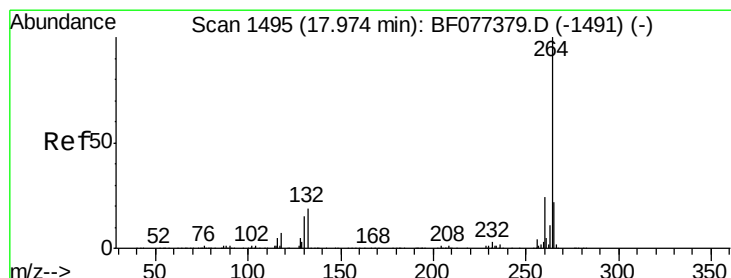
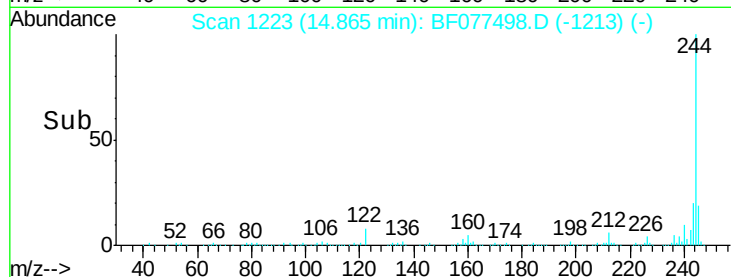
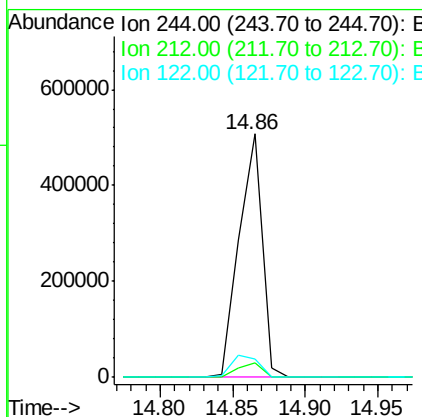
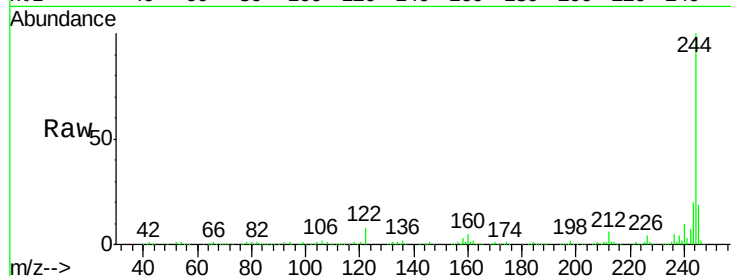




#78
 Terphenyl-d14
 Concen: 37.16 ng
 RT: 14.86 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF077498.D
 Acq: 27 Feb 2015 8:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 565730
 Ion Ratio Lower Upper
 244 100
 212 6.1 5.2 7.8
 122 7.6 7.8 11.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.95 min Scan# 1493
 Delta R.T. 0.06 min
 Lab File: BF077498.D
 Acq: 27 Feb 2015 8:48

Tgt Ion:264 Resp: 341601
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.3 28.9
 265 21.0 16.8 25.2

