

Data Path : \\TSCIENT\Z\HPCHEM1\BNA F\DATA\BF022615\
 Data File : BF077496.D
 Acq On : 27 Feb 2015 7:51
 Operator : TP/IZ
 Sample : G1385-02
 Misc : S
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Feb 27 10:35:35 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

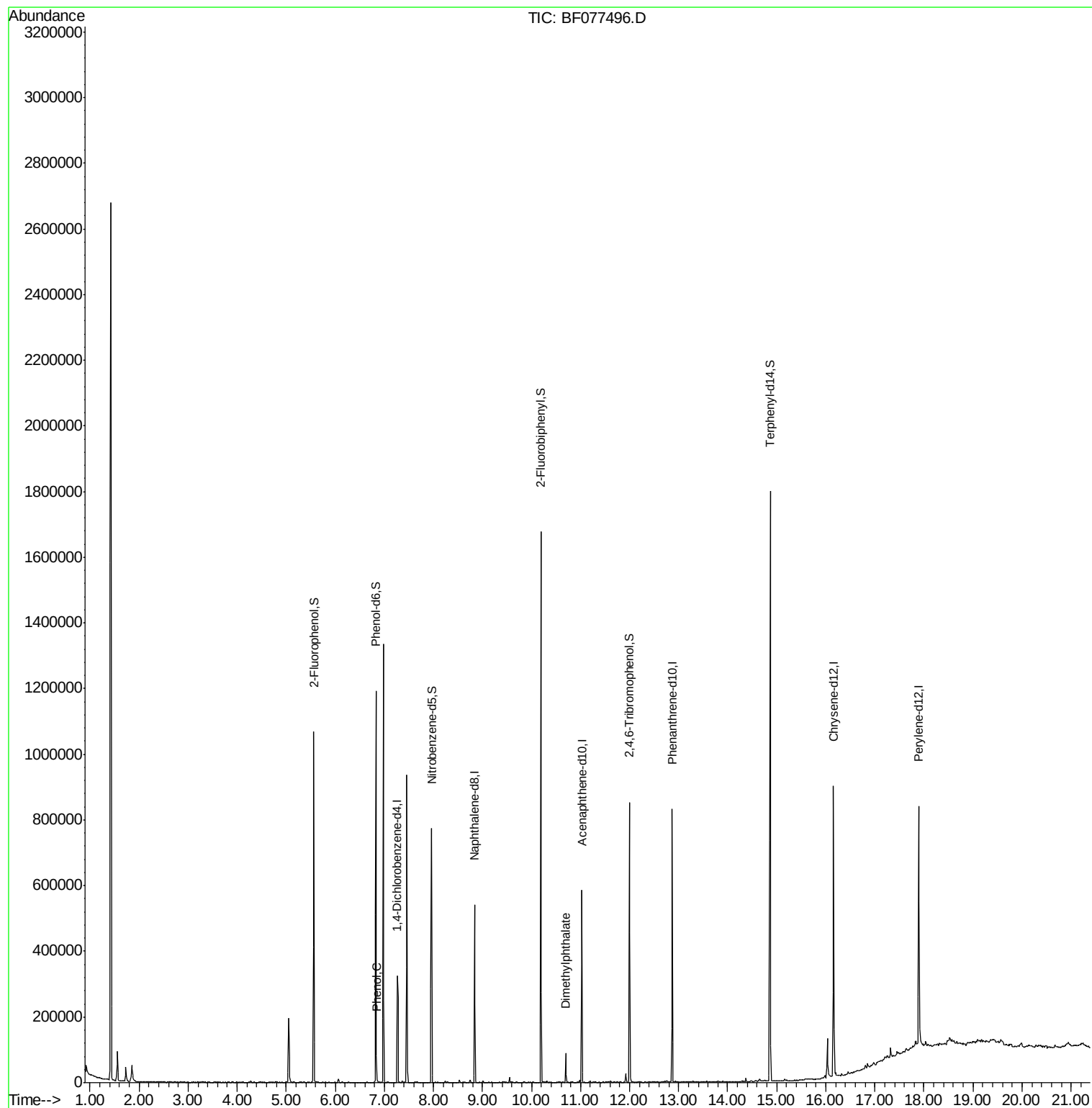
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	70219	20.00	ng	0.00
21) Naphthalene-d8	8.85	136	277710	20.00	ng	0.00
38) Acenaphthene-d10	11.02	164	148129	20.00	ng	0.00
63) Phenanthrene-d10	12.87	188	313194	20.00	ng	0.00
75) Chrysene-d12	16.16	240	336899	20.00	ng	0.01
86) Perylene-d12	17.90	264	343558	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	330012	78.46	ng	0.01
7) Phenol-d6	6.83	99	444883	82.26	ng	0.00
23) Nitrobenzene-d5	7.96	82	255166	57.14	ng	0.00
41) 2,4,6-Tribromophenol	12.00	330	119110	83.51	ng	0.00
44) 2-Fluorobiphenyl	10.19	172	517461	54.47	ng	0.00
78) Terphenyl-d14	14.86	244	651095	45.18	ng	0.00
Target Compounds						
10) Phenol	6.84	94	13207	2.06	ng	91
49) Dimethylphthalate	10.70	163	38542	3.70	ng	99

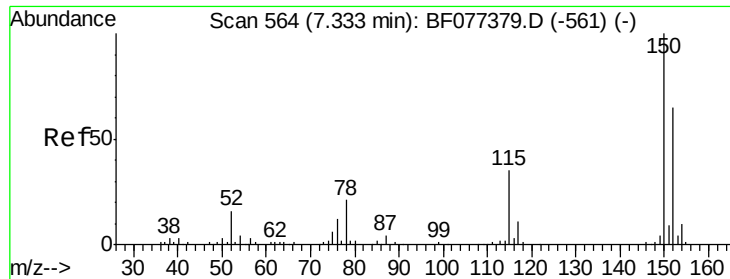
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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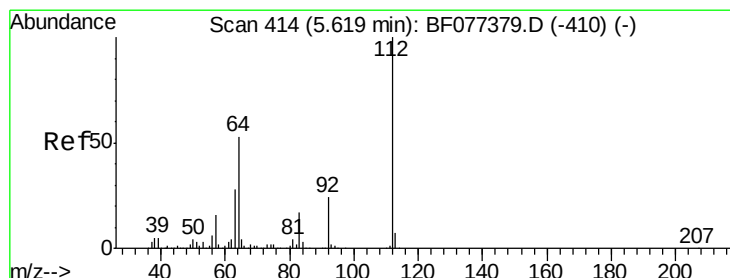
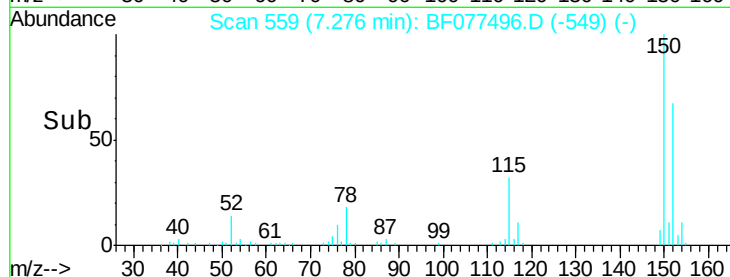
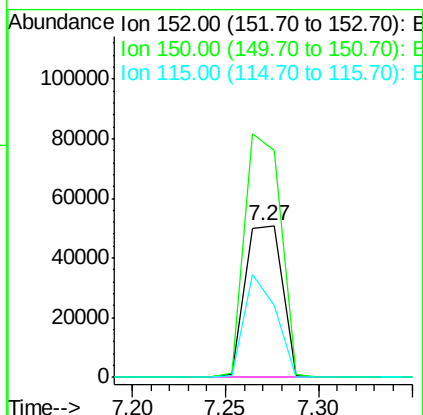
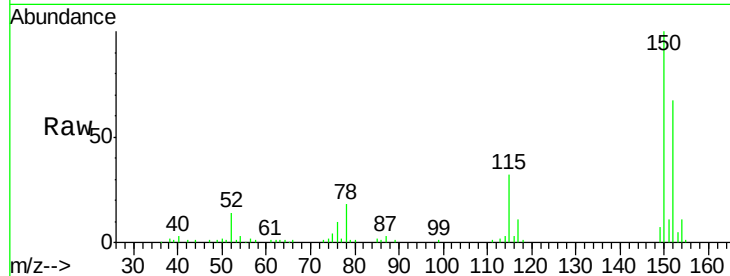


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.27 min Scan# 559
Delta R.T. 0.01 min
Lab File: BF077496.D
Acq: 27 Feb 2015 7:51

Instrument :
BNA_F
ClientSampled :

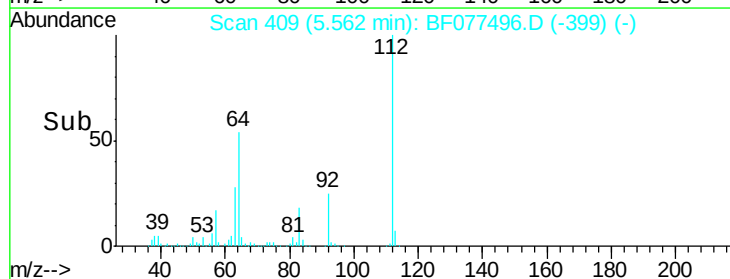
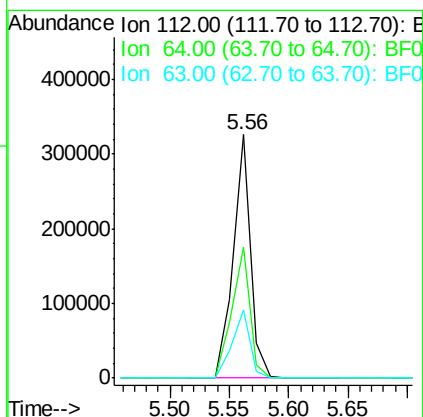
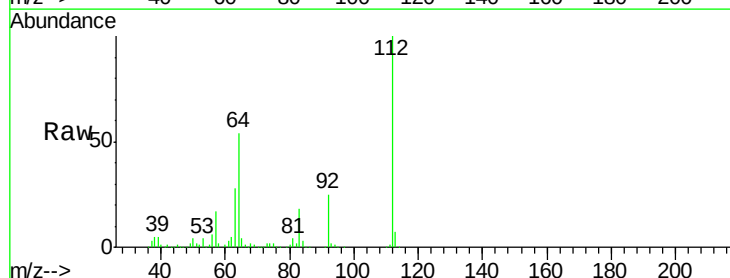
Tot Ion:152 Resp: 70219
Ion Ratio Lower Upper
152 100
150 149.8 124.0 186.0
115 47.2 49.4 74.2#

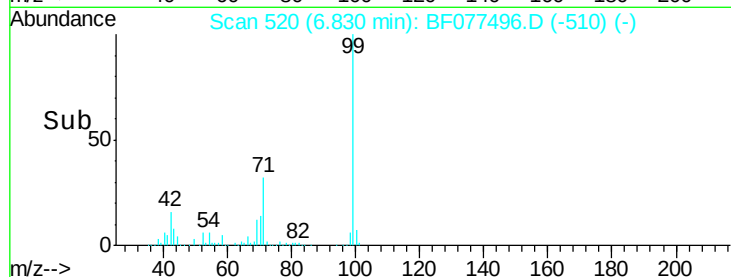
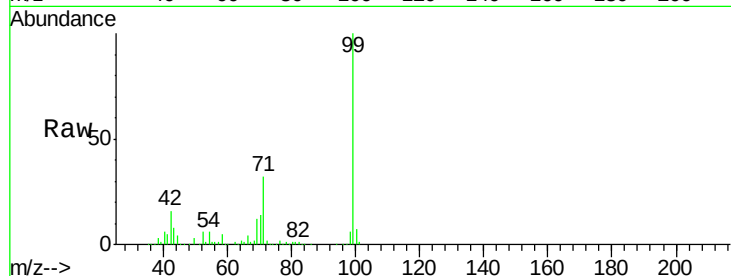
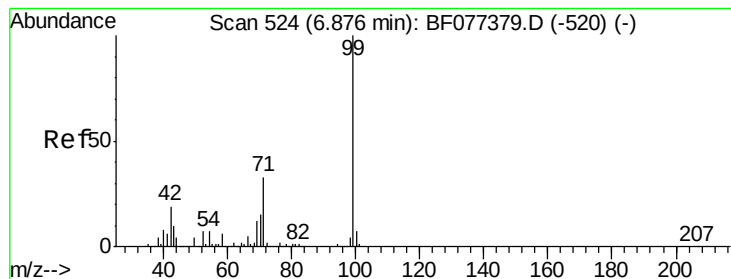


#5

2-Fluorophenol
Concen: 78.46 ng
RT: 5.56 min Scan# 409
Delta R.T. 0.01 min
Lab File: BF077496.D
Acq: 27 Feb 2015 7:51

Tgt Ion:112 Resp: 330012
Ion Ratio Lower Upper
112 100
64 53.6 48.5 72.7
63 28.1 25.0 37.4





#7

Phenol-d6

Concen: 82.26 ng

RT: 6.83 min Scan# 520

Delta R.T. 0.01 min

Lab File: BF077496.D

Acq: 27 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

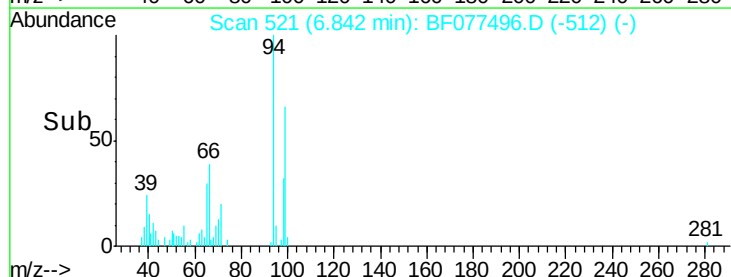
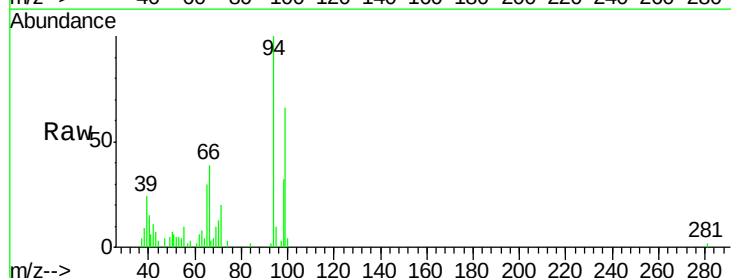
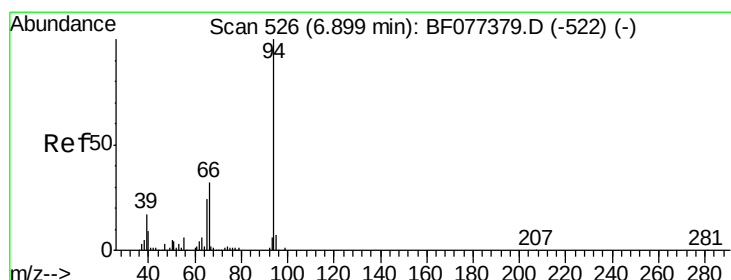
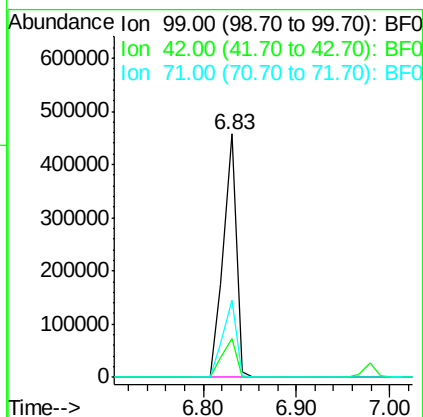
Tot Ion: 99 Resp: 444883

Ion Ratio Lower Upper

99 100

42 15.8 16.2 24.4#

71 31.9 26.7 40.1



#10

Phenol

Concen: 2.06 ng

RT: 6.84 min Scan# 521

Delta R.T. 0.00 min

Lab File: BF077496.D

Acq: 27 Feb 2015 7:51

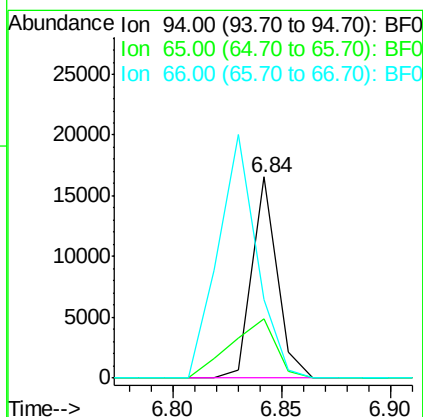
Tgt Ion: 94 Resp: 13207

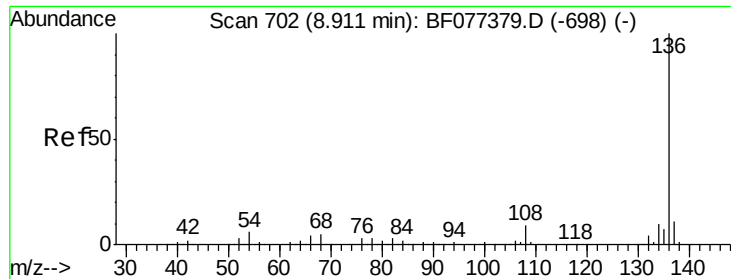
Ion Ratio Lower Upper

94 100

65 29.8 5.7 45.7

66 39.2 13.6 53.6

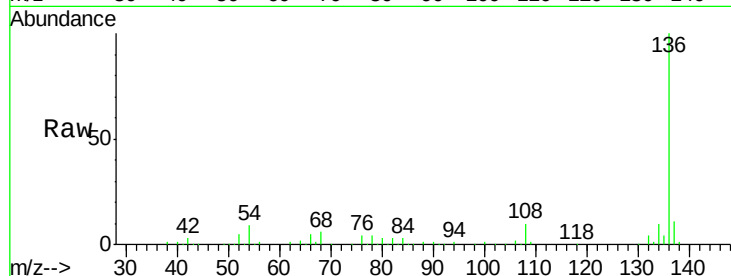




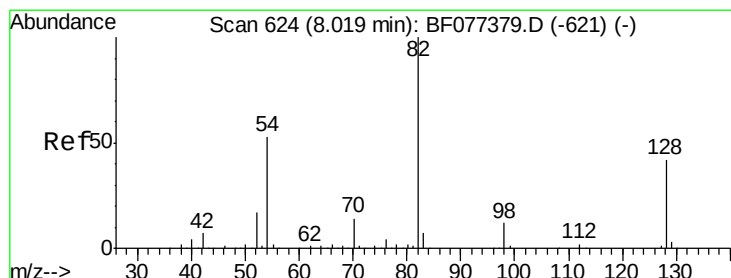
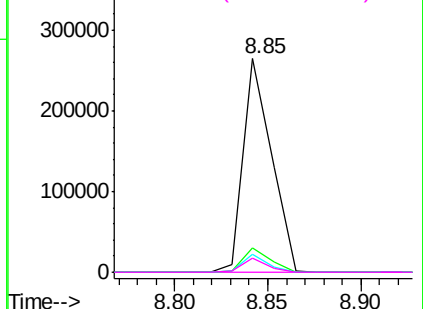
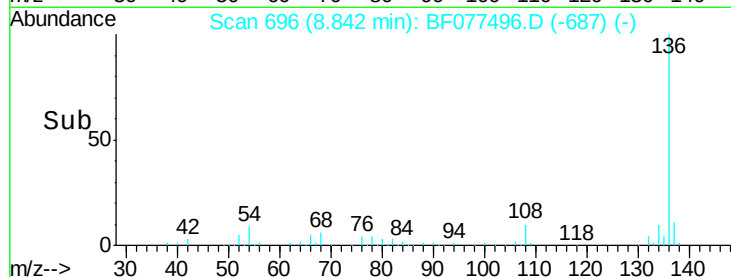
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.85 min Scan# 696
Delta R.T. 0.00 min
Lab File: BF077496.D
Acq: 27 Feb 2015 7:51

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	277710
Ion Ratio	Lower	Upper
136	100	
137	11.3	8.6 13.0
54	8.5	6.2 9.4
68	6.4	5.0 7.6

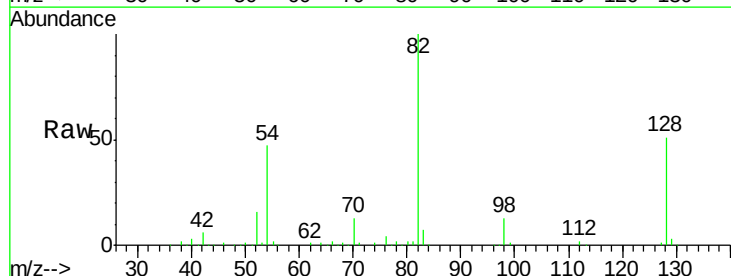


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

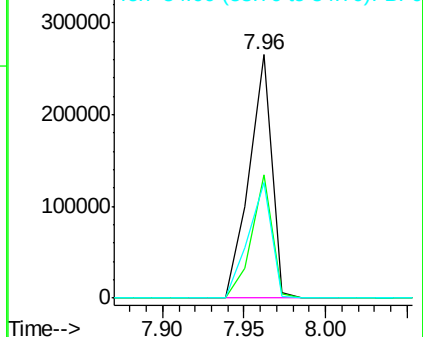
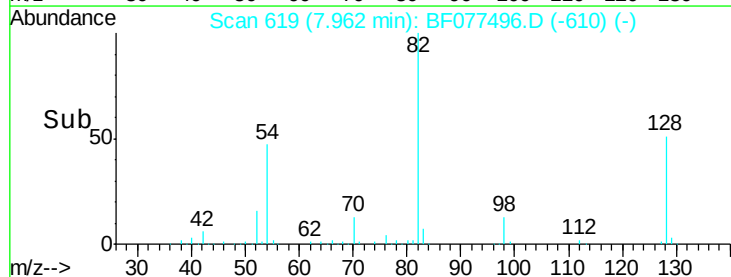


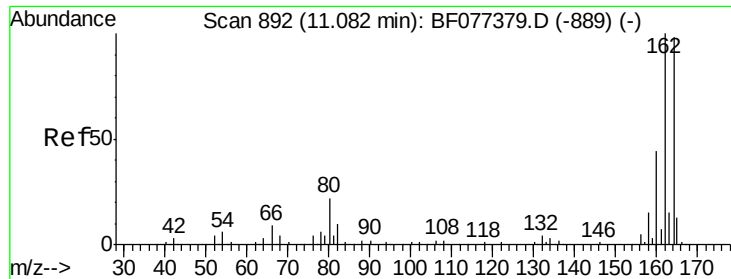
#23
Nitrobenzene-d5
Concen: 57.14 ng
RT: 7.96 min Scan# 619
Delta R.T. -0.00 min
Lab File: BF077496.D
Acq: 27 Feb 2015 7:51

Tgt Ion: 82	Resp:	255166
Ion Ratio	Lower	Upper
82	100	
128	50.7	43.8 65.8
54	47.4	36.7 55.1



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: 11.02 min Scan# 887

Delta R.T. 0.01 min

Lab File: BF077496.D

Acq: 27 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

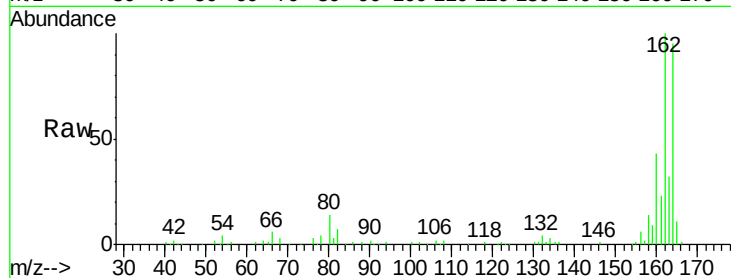
Tot Ion:164 Resp: 148129

Ion Ratio Lower Upper

164 100

162 104.8 83.2 124.8

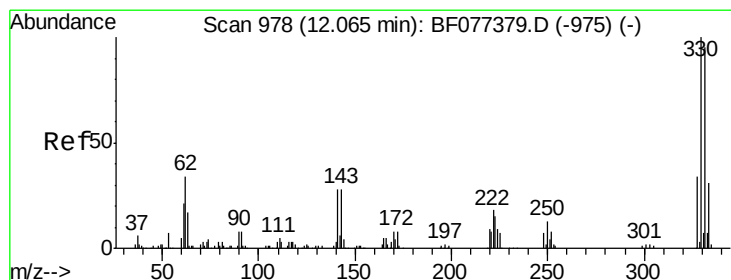
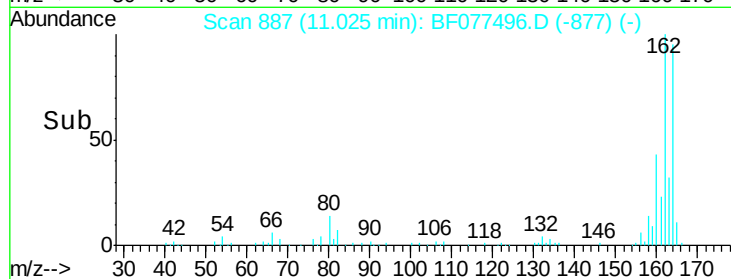
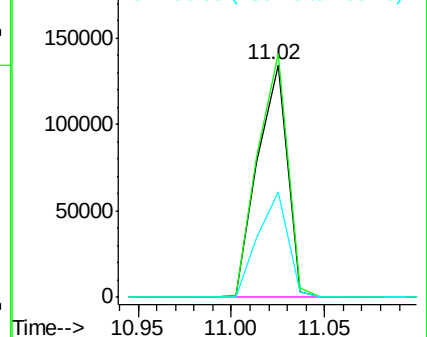
160 45.2 34.6 52.0



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: 83.51 ng

RT: 12.00 min Scan# 973

Delta R.T. 0.01 min

Lab File: BF077496.D

Acq: 27 Feb 2015 7:51

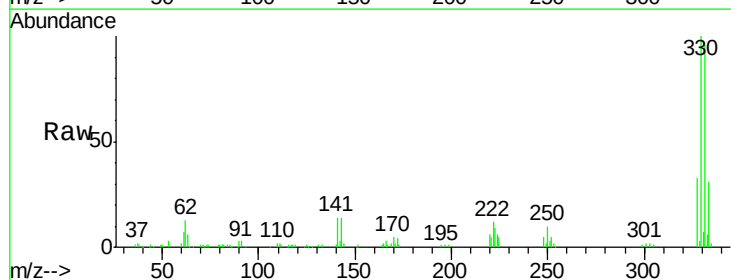
Tgt Ion:330 Resp: 119110

Ion Ratio Lower Upper

330 100

332 95.9 77.4 116.2

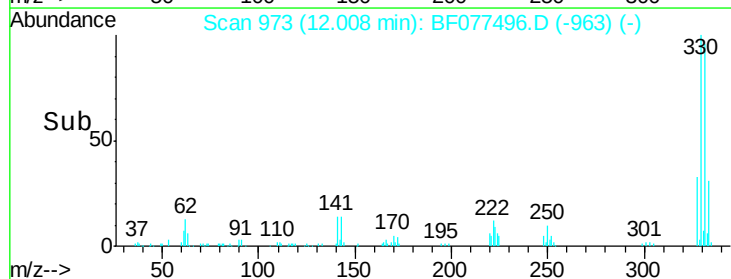
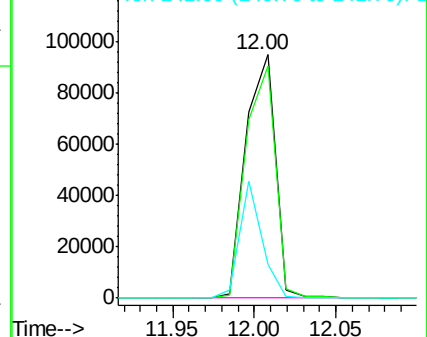
141 36.4 28.8 43.2

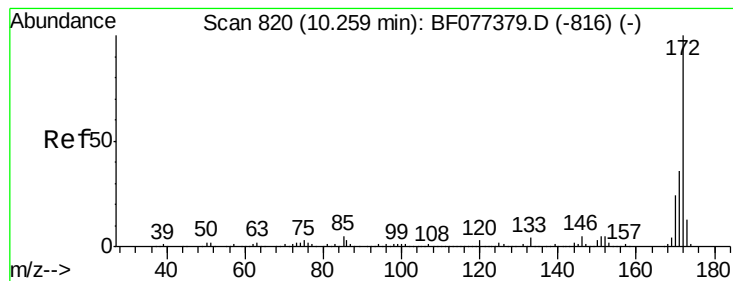


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E





#44

2-Fluorobiphenyl

Concen: 54.47 ng

RT: 10.19 min Scan# 814

Delta R.T. 0.00 min

Lab File: BF077496.D

Acq: 27 Feb 2015 7:51

Instrument :

BNA_F

ClientSampleId :

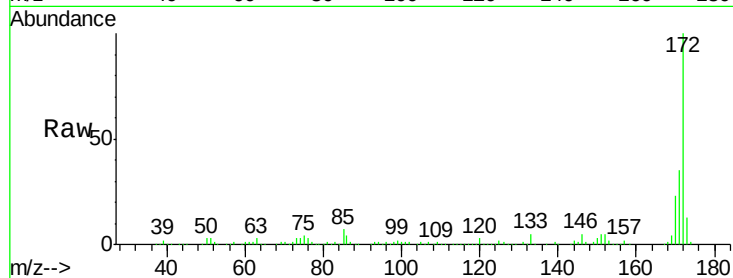
Tot Ion:172 Resp: 517461

Ion Ratio Lower Upper

172 100

171 35.0 28.9 43.3

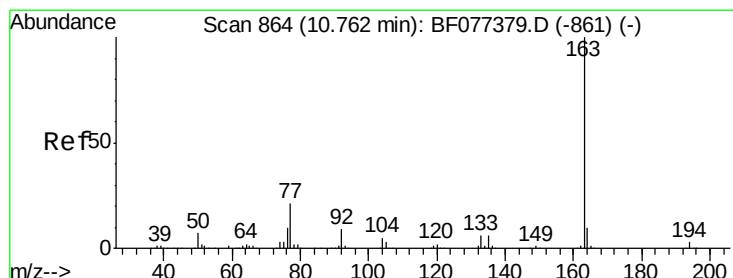
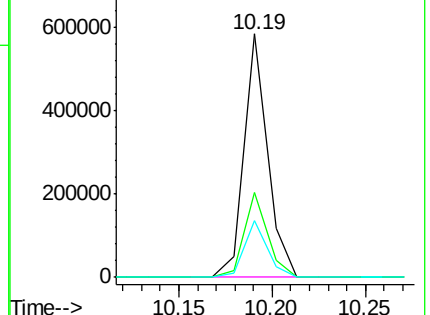
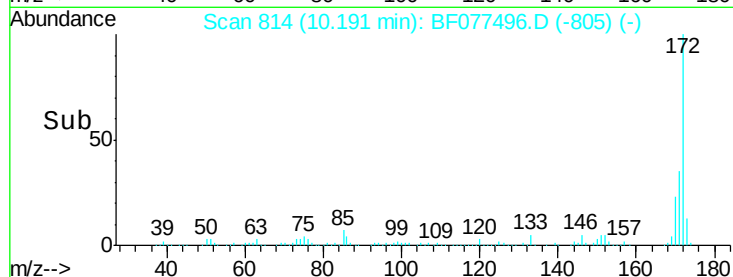
170 23.4 19.4 29.2



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: 3.70 ng

RT: 10.70 min Scan# 858

Delta R.T. -0.01 min

Lab File: BF077496.D

Acq: 27 Feb 2015 7:51

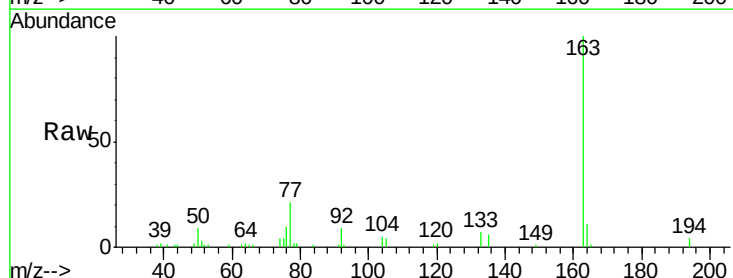
Tgt Ion:163 Resp: 38542

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

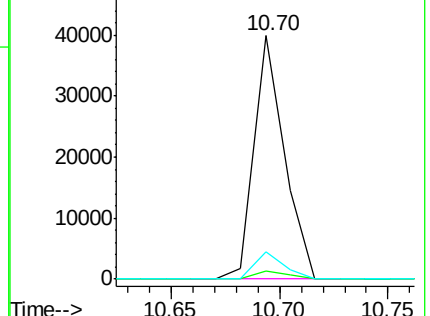
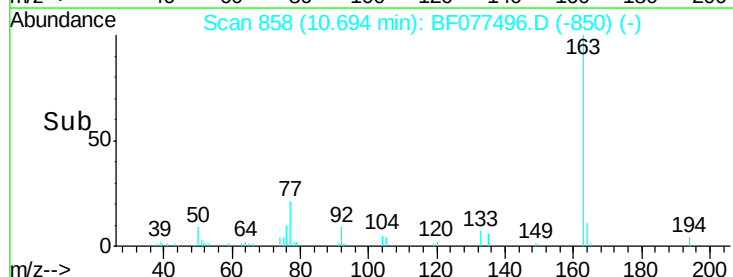
164 11.1 8.6 13.0

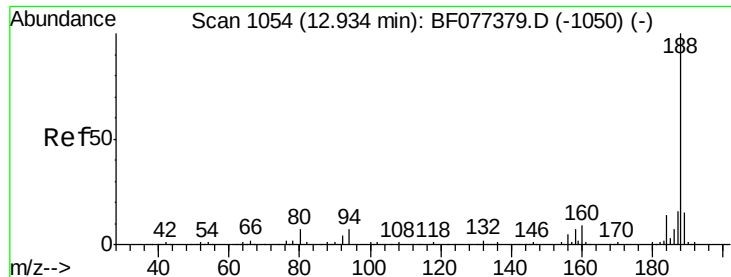


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

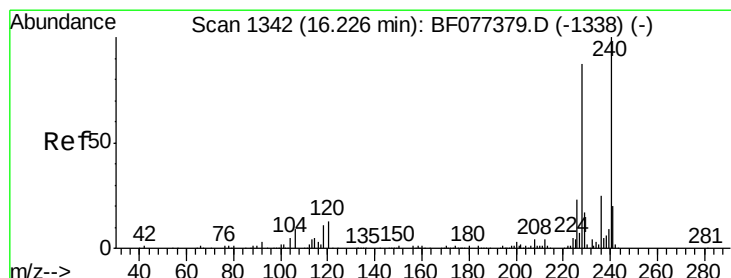
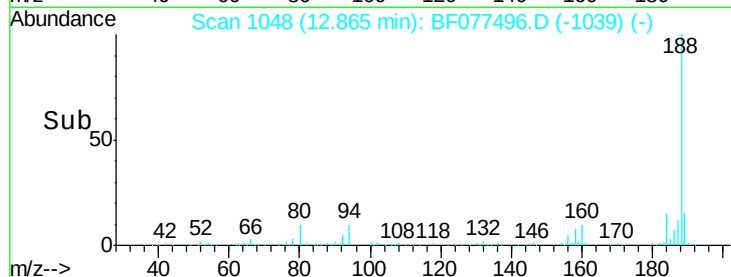
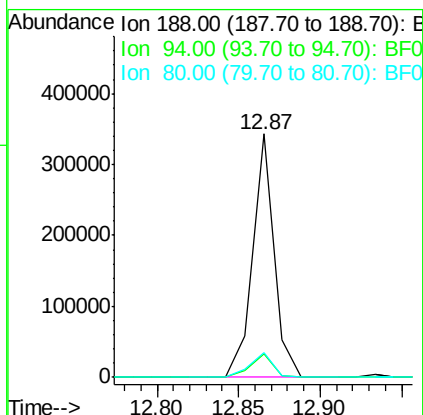
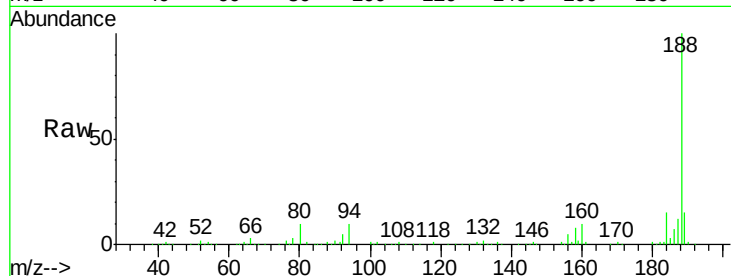




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 12.87 min Scan# 1048
Delta R.T. -0.00 min
Lab File: BF077496.D
Acq: 27 Feb 2015 7:51

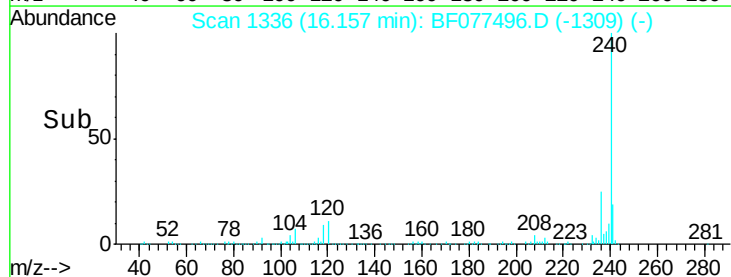
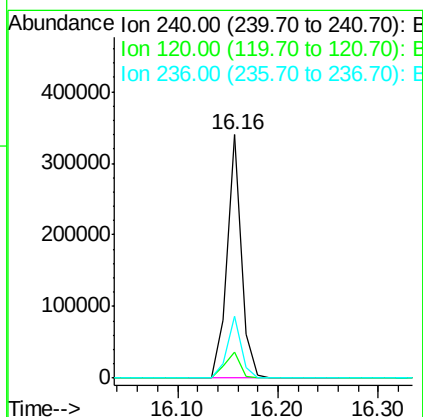
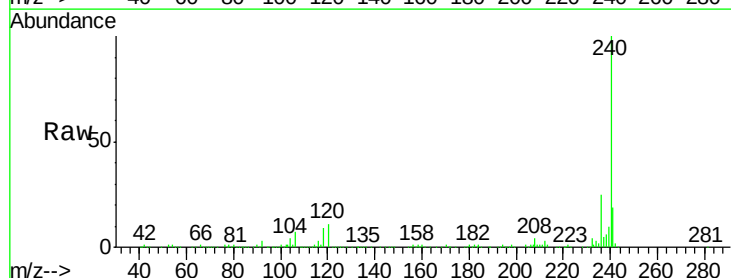
Instrument :
BNA_F
ClientSampleId :

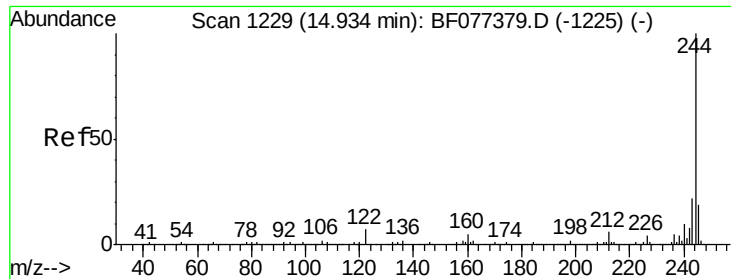
Tot Ion:188 Resp: 313194
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.2
80 10.0 8.0 12.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 16.16 min Scan# 1336
Delta R.T. 0.01 min
Lab File: BF077496.D
Acq: 27 Feb 2015 7:51

Tgt Ion:240 Resp: 336899
Ion Ratio Lower Upper
240 100
120 10.9 8.8 13.2
236 25.4 20.7 31.1

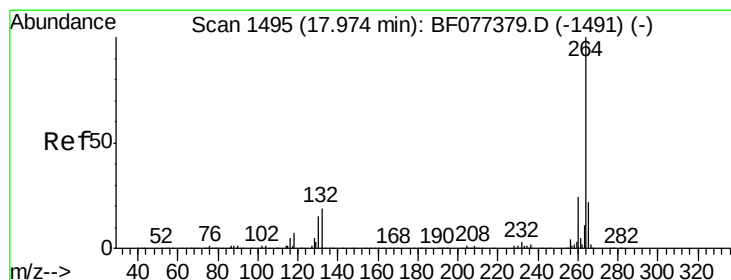
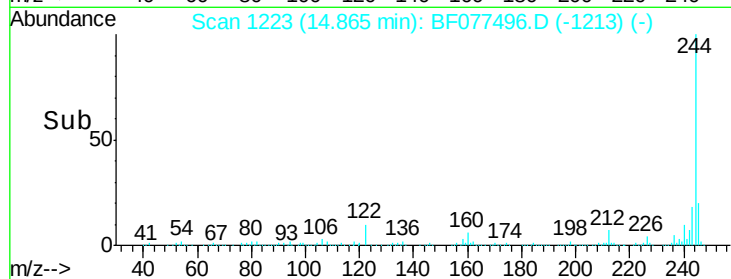
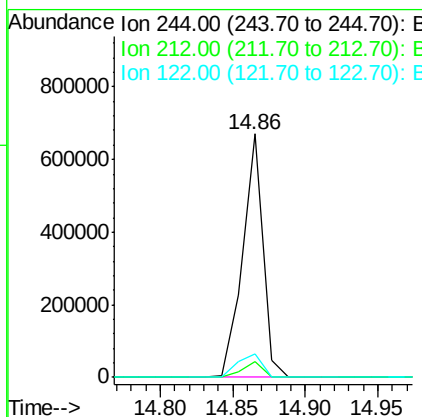
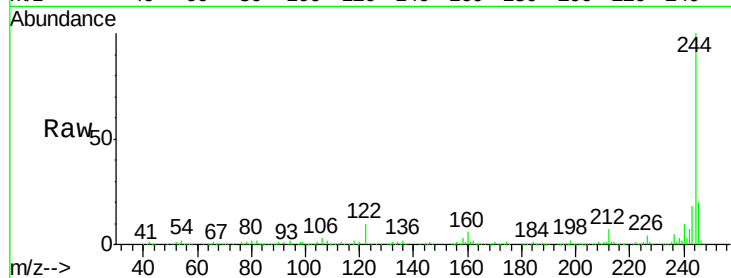




#78
 Terphenyl-d14
 Concen: 45.18 ng
 RT: 14.86 min Scan# 1223
 Delta R.T. 0.01 min
 Lab File: BF077496.D
 Acq: 27 Feb 2015 7:51

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 651095
 Ion Ratio Lower Upper
 244 100
 212 6.5 5.2 7.8
 122 9.8 7.8 11.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 17.90 min Scan# 1488
 Delta R.T. 0.02 min
 Lab File: BF077496.D
 Acq: 27 Feb 2015 7:51

Tgt Ion:264 Resp: 343558
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.3 28.9
 265 22.2 16.8 25.2

