

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG022316\
 Data File : BG021040.D
 Acq On : 24 Feb 2016 00:38
 Operator : UM/SJ
 Sample : H1554-03 5X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EVTP3

Quant Time: Feb 24 04:06:13 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG022316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Feb 24 00:35:06 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.20	152	4086	20.00	ng	0.00
21) Naphthalene-d8	11.02	136	21406	20.00	ng	0.00
38) Acenaphthene-d10	14.82	164	13022	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	27304	20.00	ng	0.00
75) Chrysene-d12	21.82	240	17739	20.00	ng	0.00
86) Perylene-d12	25.13	264	14526	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.78	112	4494	19.28	ng	0.00
7) Phenol-d6	7.40	99	7238	20.17	ng	-0.02
23) Nitrobenzene-d5	9.38	82	4388	12.04	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	2662	17.06	ng	0.00
44) 2-Fluorobiphenyl	13.44	172	11419	12.21	ng	0.00
78) Terphenyl-d14	20.13	244	11957	8.75	ng	0.00

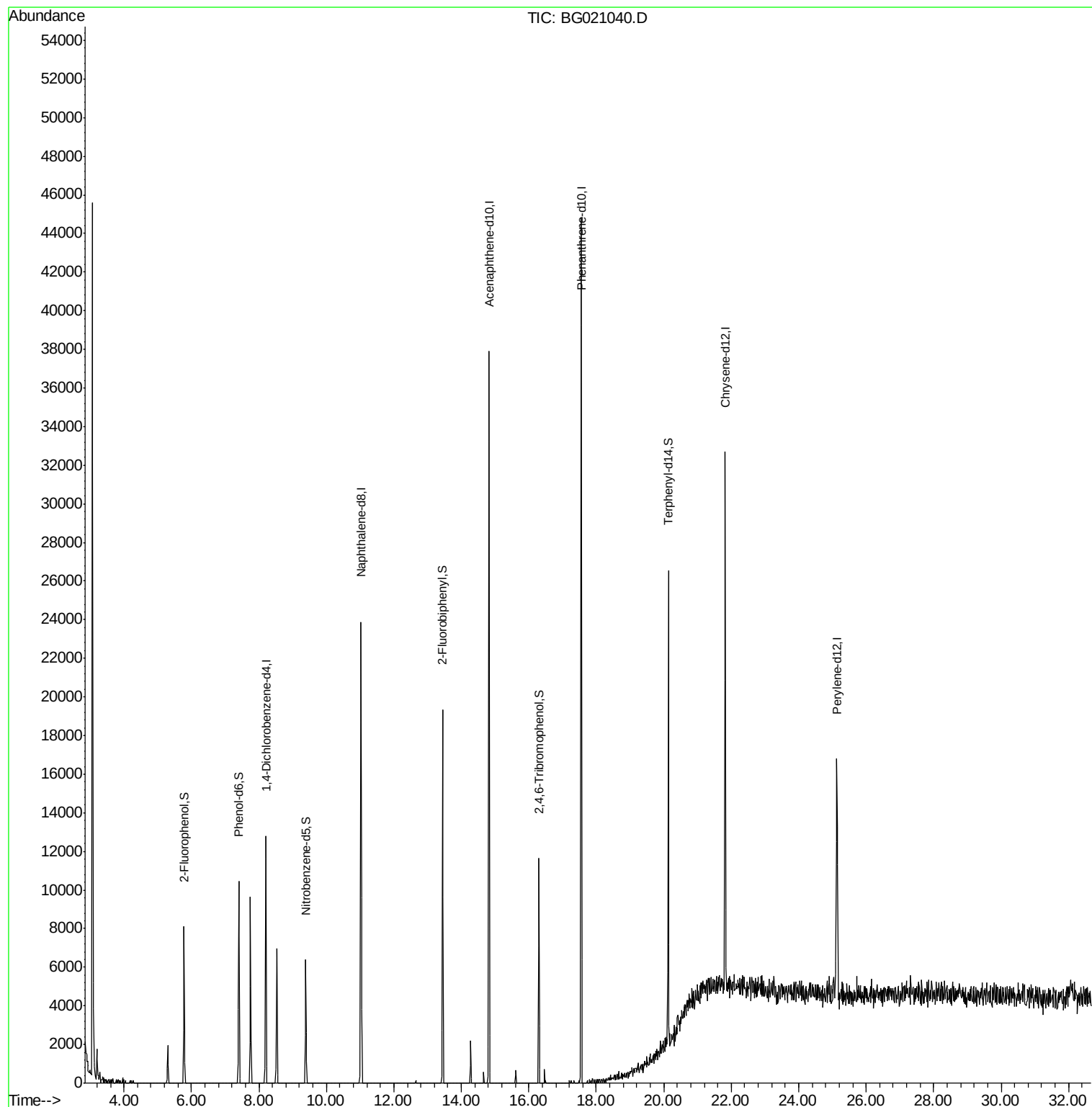
Target Compounds	Qvalue
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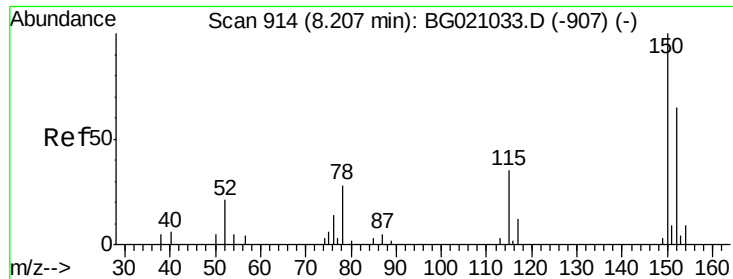
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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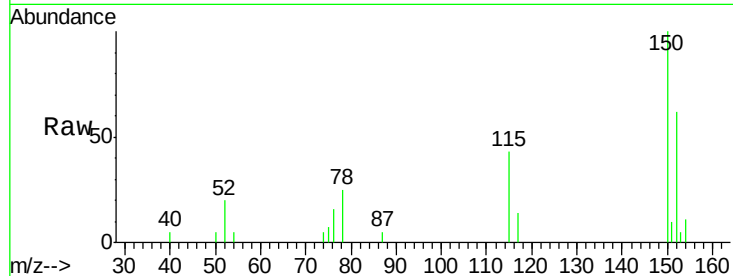


#1

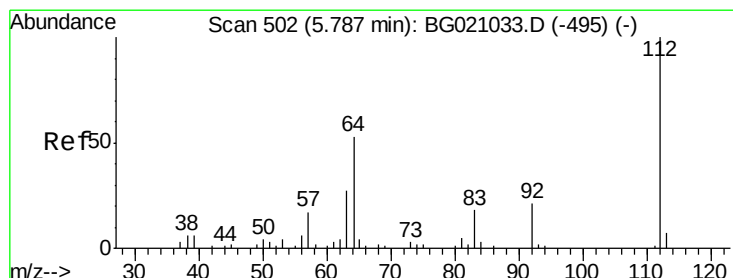
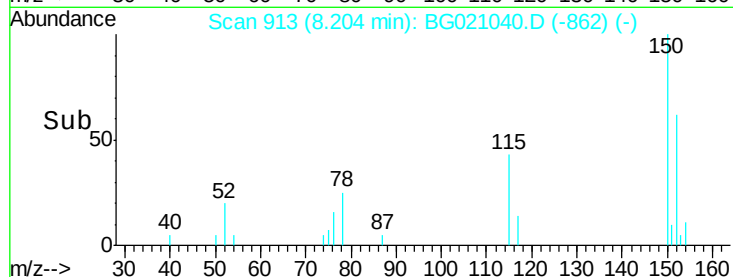
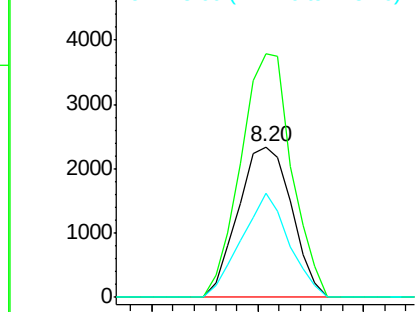
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.20 min Scan# 913
Delta R.T. -0.00 min
Lab File: BG021040.D
Acq: 24 Feb 2016 00:38

Instrument :
BNA_G
ClientSampleId :
EVTP3

Tgt Ion:152 Resp: 4086
Ion Ratio Lower Upper
152 100
150 161.8 123.4 185.2
115 69.6 43.3 64.9#



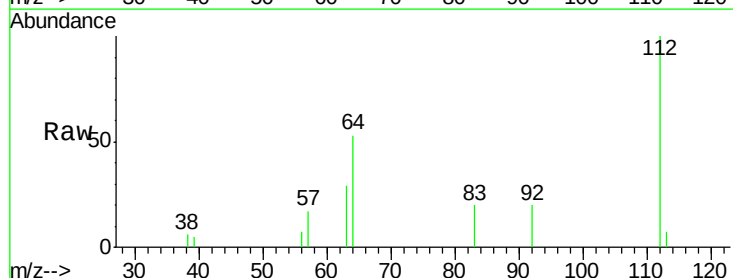
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



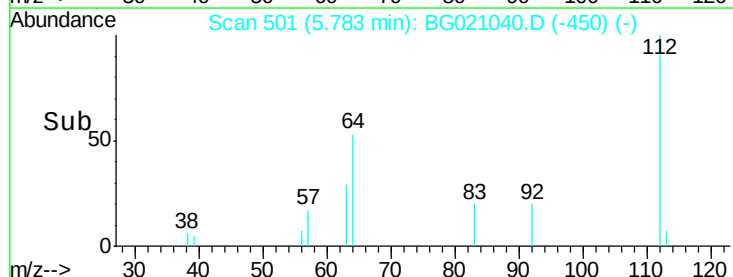
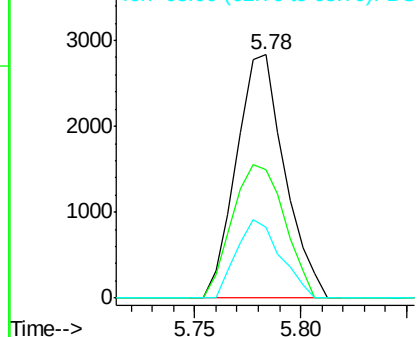
#5

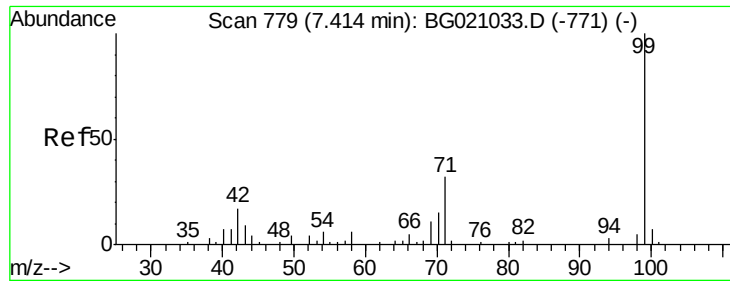
2-Fluorophenol
Concen: 19.28 ng
RT: 5.78 min Scan# 501
Delta R.T. -0.00 min
Lab File: BG021040.D
Acq: 24 Feb 2016 00:38

Tgt Ion:112 Resp: 4494
Ion Ratio Lower Upper
112 100
64 53.0 42.6 63.8
63 29.3 21.7 32.5



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 20.17 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.02 min

Lab File: BG021040.D

Acq: 24 Feb 2016 00:38

Instrument :

BNA_G

ClientSampled :

EVTP3

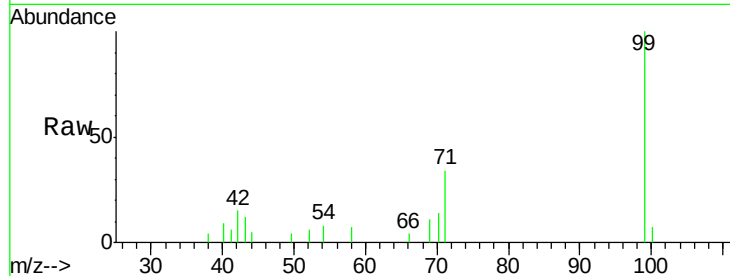
Tgt Ion: 99 Resp: 7238

Ion Ratio Lower Upper

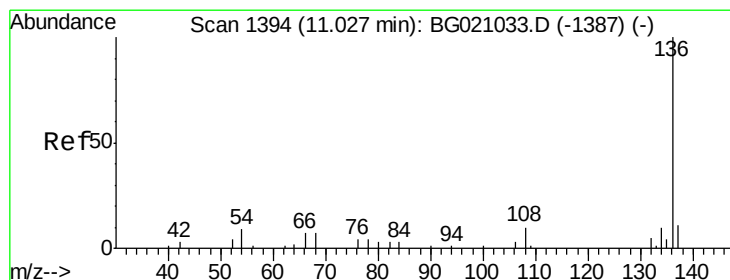
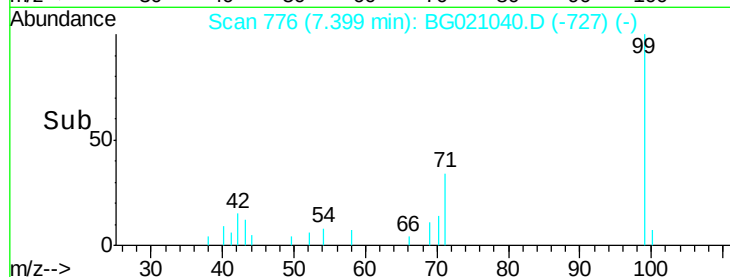
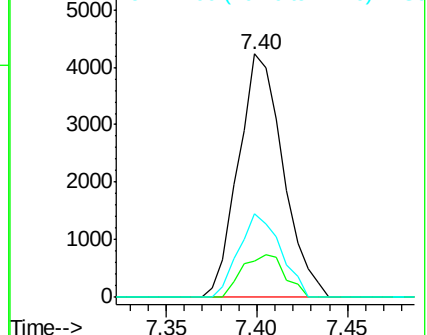
99 100

42 15.0 13.2 19.8

71 34.3 25.2 37.8



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.02 min Scan# 1393

Delta R.T. -0.00 min

Lab File: BG021040.D

Acq: 24 Feb 2016 00:38

Tgt Ion: 136 Resp: 21406

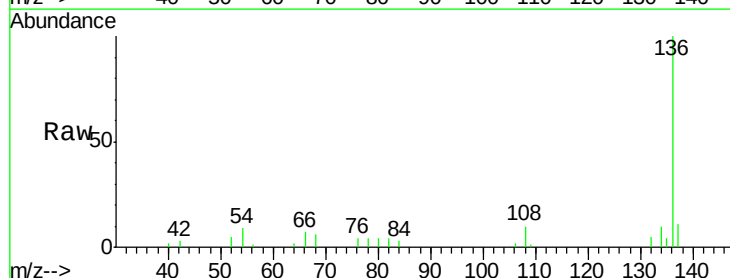
Ion Ratio Lower Upper

136 100

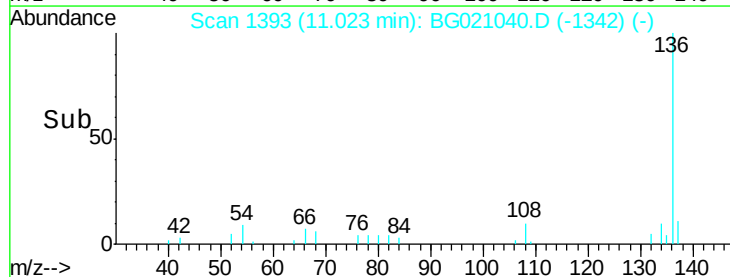
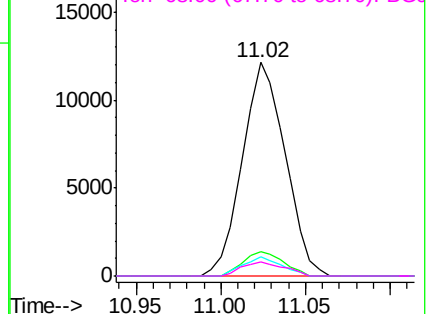
137 11.2 8.8 13.2

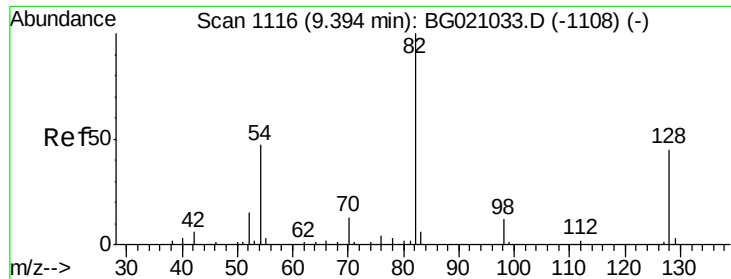
54 9.1 6.9 10.3

68 6.4 5.8 8.6



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

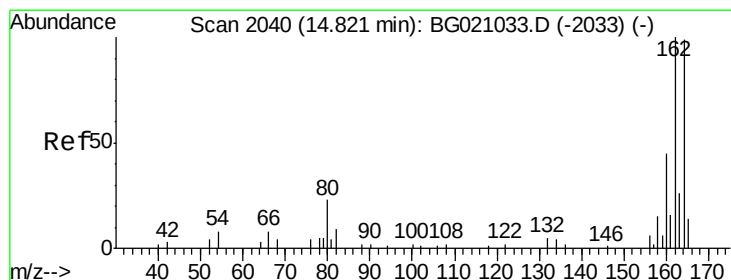
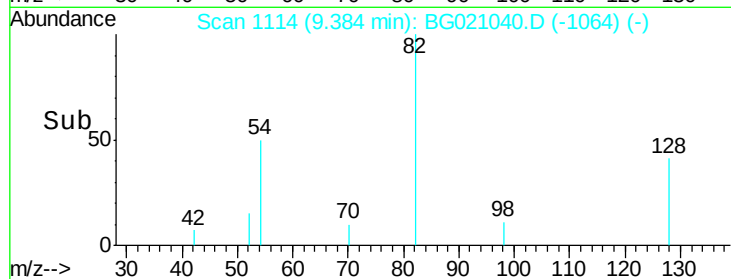
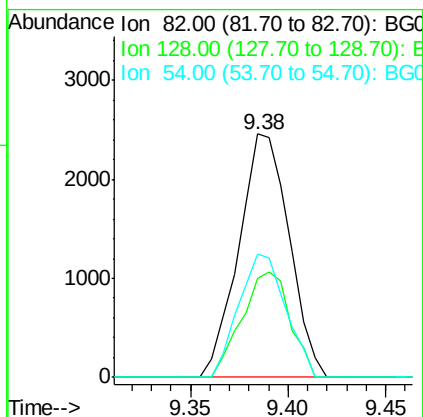
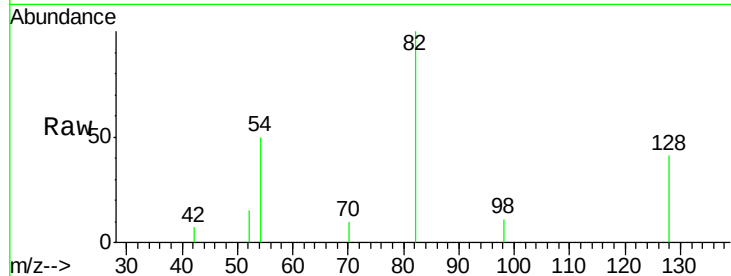




#23
 Nitrobenzene-d5
 Concen: 12.04 ng
 RT: 9.38 min Scan# 1114
 Delta R.T. -0.01 min
 Lab File: BG021040.D
 Acq: 24 Feb 2016 00:38

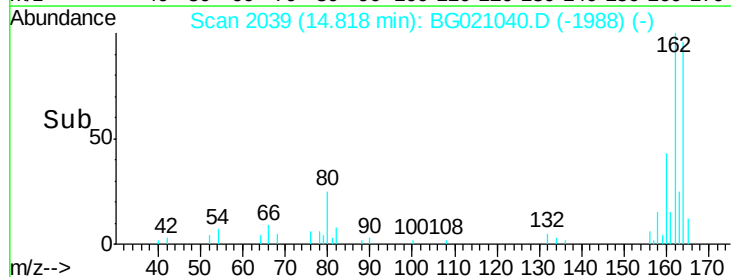
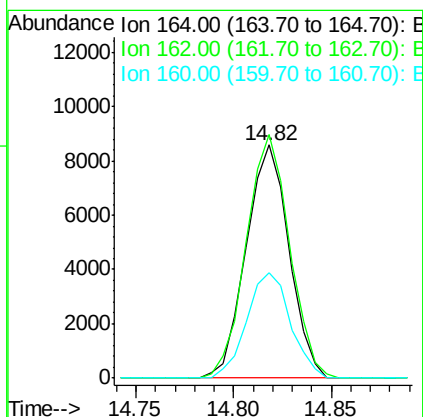
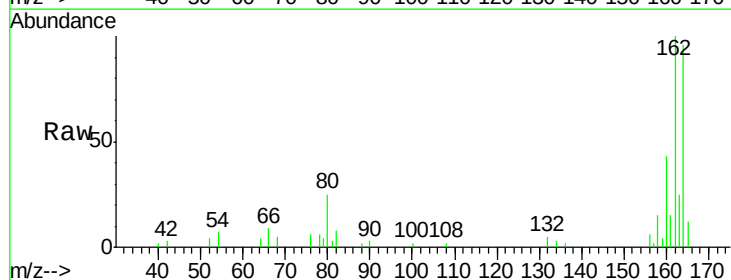
Instrument :
 BNA_G
 ClientSampleId :
 EVTP3

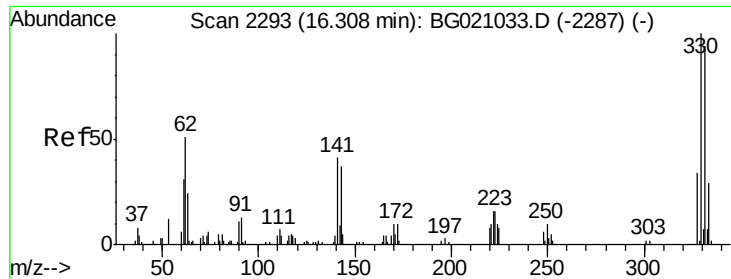
Tgt Ion: 82 Resp: 4388
 Ion Ratio Lower Upper
 82 100
 128 40.7 36.3 54.5
 54 50.5 37.6 56.4



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.82 min Scan# 2039
 Delta R.T. -0.00 min
 Lab File: BG021040.D
 Acq: 24 Feb 2016 00:38

Tgt Ion: 164 Resp: 13022
 Ion Ratio Lower Upper
 164 100
 162 104.4 80.6 120.8
 160 45.3 36.5 54.7





#41

2,4,6-Tribromophenol

Concen: 17.06 ng

RT: 16.30 min Scan# 2292

Delta R.T. -0.00 min

Lab File: BG021040.D

Acq: 24 Feb 2016 00:38

Instrument :

BNA_G

ClientSampleId :

EVTP3

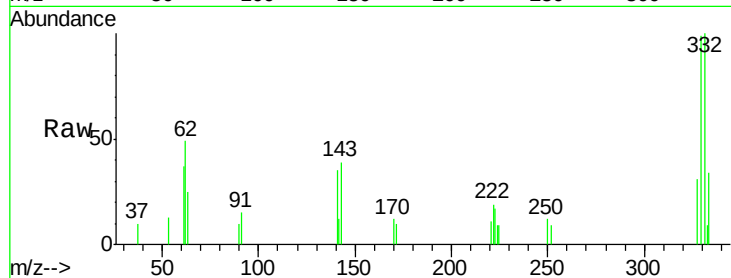
Tgt Ion:330 Resp: 2662

Ion Ratio Lower Upper

330 100

332 101.2 77.4 116.0

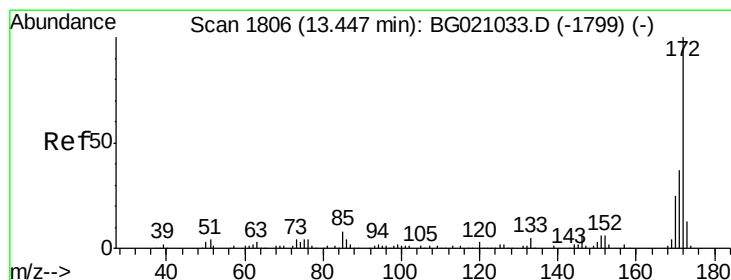
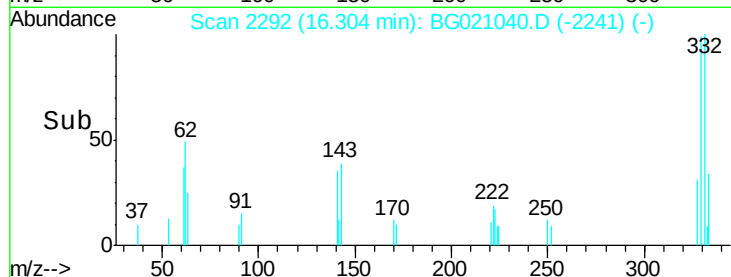
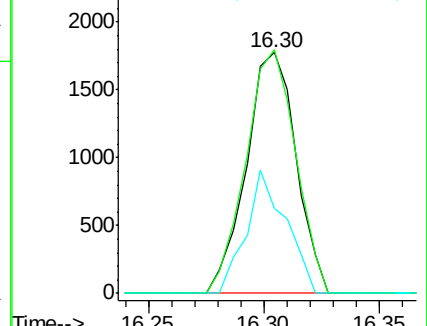
141 40.5 35.3 52.9



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: 12.21 ng

RT: 13.44 min Scan# 1805

Delta R.T. -0.00 min

Lab File: BG021040.D

Acq: 24 Feb 2016 00:38

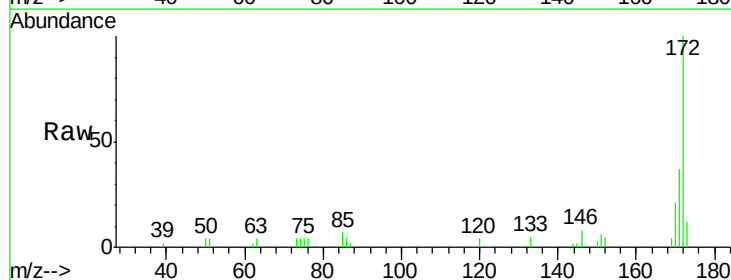
Tgt Ion:172 Resp: 11419

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

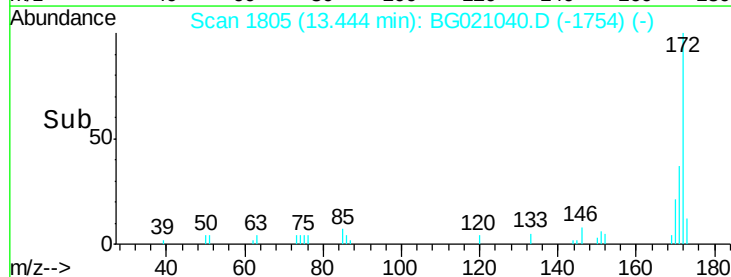
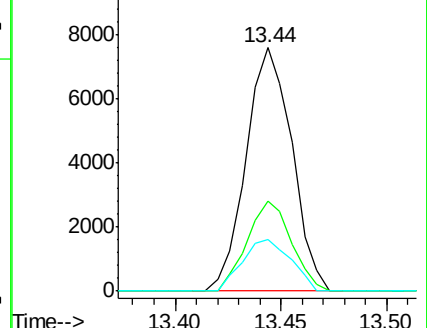
170 21.0 19.8 29.8

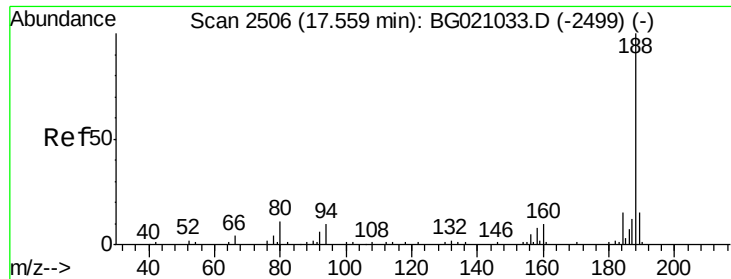


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

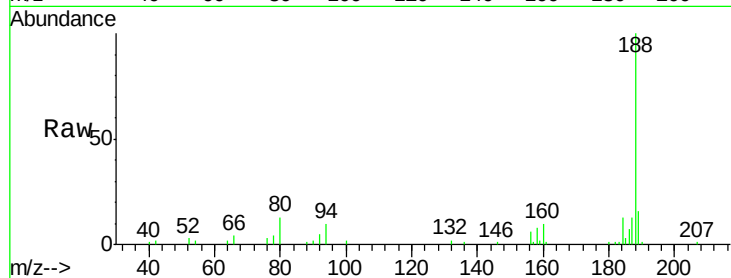




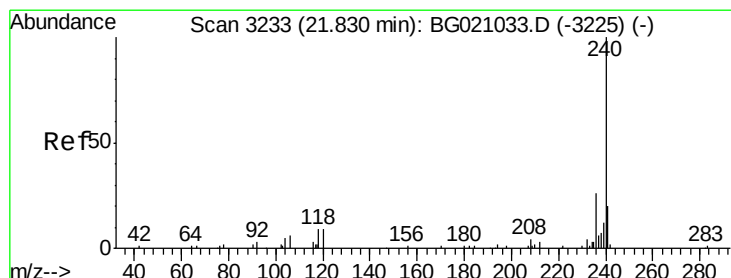
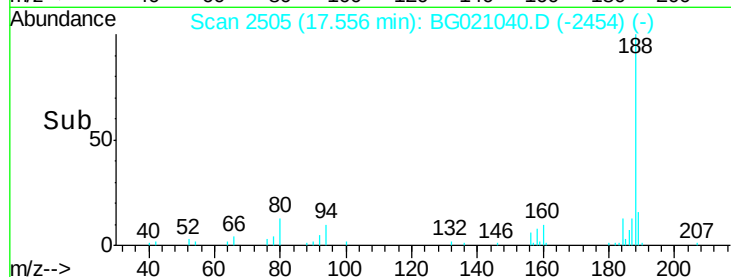
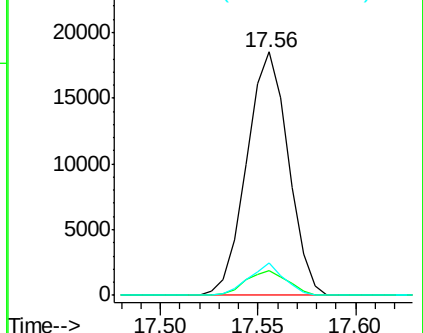
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.56 min Scan# 2505
Delta R.T. -0.00 min
Lab File: BG021040.D
Acq: 24 Feb 2016 00:38

Instrument :
BNA_G
ClientSampleId :
EVTP3

Tgt Ion:188 Resp: 27304
Ion Ratio Lower Upper
188 100
94 9.9 8.2 12.4
80 13.2 9.2 13.8

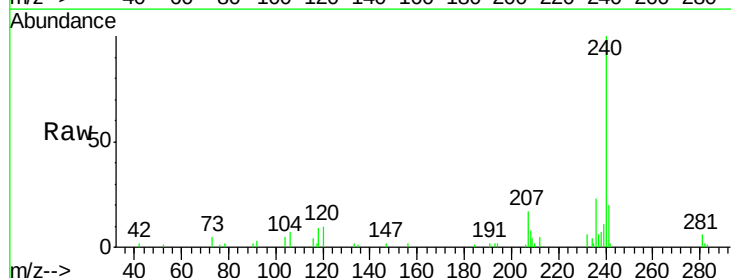


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): B
Ion 80.00 (79.70 to 80.70): B

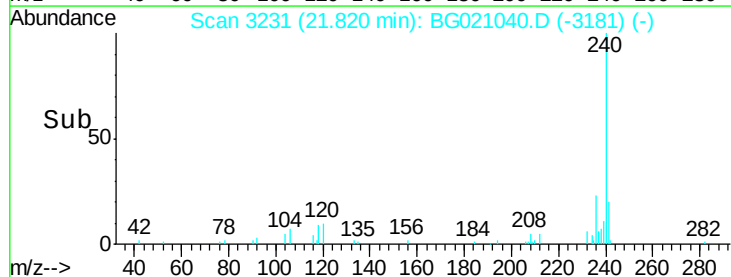
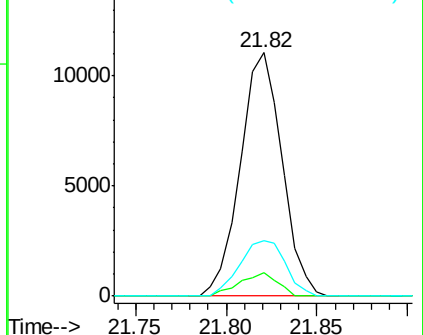


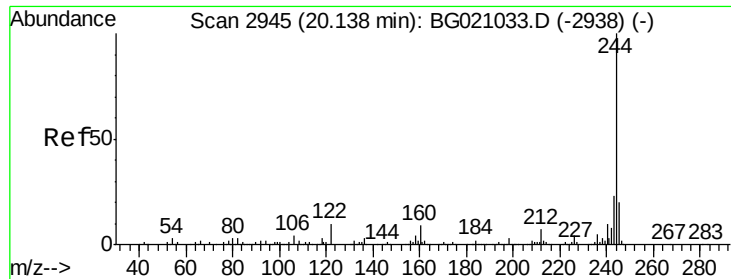
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.82 min Scan# 3231
Delta R.T. -0.01 min
Lab File: BG021040.D
Acq: 24 Feb 2016 00:38

Tgt Ion:240 Resp: 17739
Ion Ratio Lower Upper
240 100
120 9.8 7.5 11.3
236 22.9 20.5 30.7



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

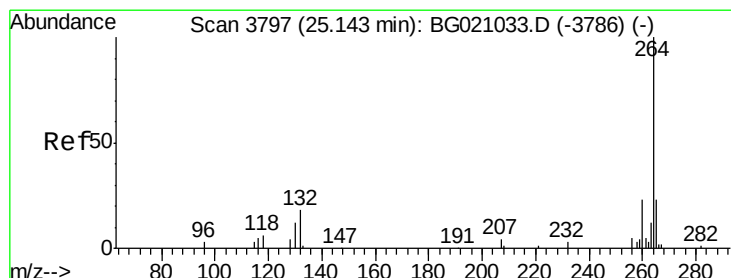
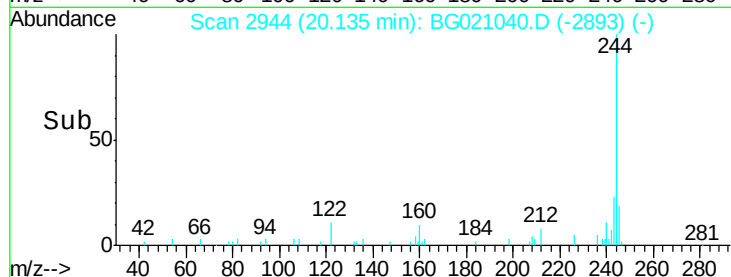
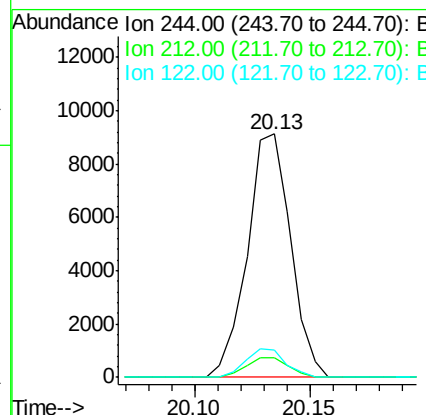
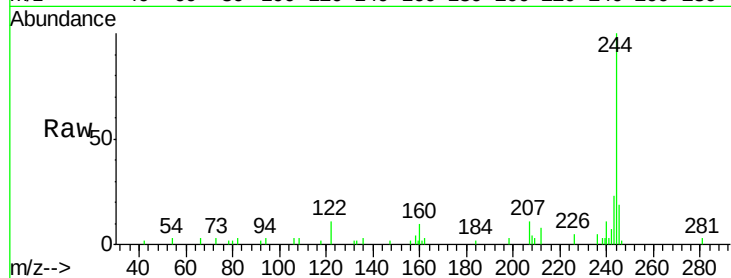




#78
 Terphenyl-d14
 Concen: 8.75 ng
 RT: 20.13 min Scan# 2944
 Delta R.T. -0.00 min
 Lab File: BG021040.D
 Acq: 24 Feb 2016 00:38

Instrument :
 BNA_G
 ClientSampleId :
 EVTP3

Tgt Ion:244 Resp: 11957
 Ion Ratio Lower Upper
 244 100
 212 8.2 5.8 8.6
 122 10.9 8.3 12.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.13 min Scan# 3795
 Delta R.T. -0.01 min
 Lab File: BG021040.D
 Acq: 24 Feb 2016 00:38

Tgt Ion:264 Resp: 14526
 Ion Ratio Lower Upper
 264 100
 260 25.2 18.5 27.7
 265 22.0 18.6 28.0

