

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020943.D
 Acq On : 18 Feb 2016 19:51
 Operator : SJ/UM
 Sample : H1450-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HW-25

Quant Time: Feb 19 00:20:24 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 11 15:26:53 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.26	152	15500	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	83915	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	56529	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	121192	20.00	ng	0.00
75) Chrysene-d12	21.88	240	110430	20.00	ng	-0.03
86) Perylene-d12	25.25	264	104284	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	78259	85.03	ng	0.00
7) Phenol-d6	7.40	99	69327	51.53	ng	0.00
23) Nitrobenzene-d5	9.43	82	150802	118.16	ng	0.00
41) 2,4,6-Tribromophenol	16.35	330	114031	205.13	ng	0.00
44) 2-Fluorobiphenyl	13.50	172	451304	112.15	ng	0.00
78) Terphenyl-d14	20.19	244	506884	107.08	ng	-0.02

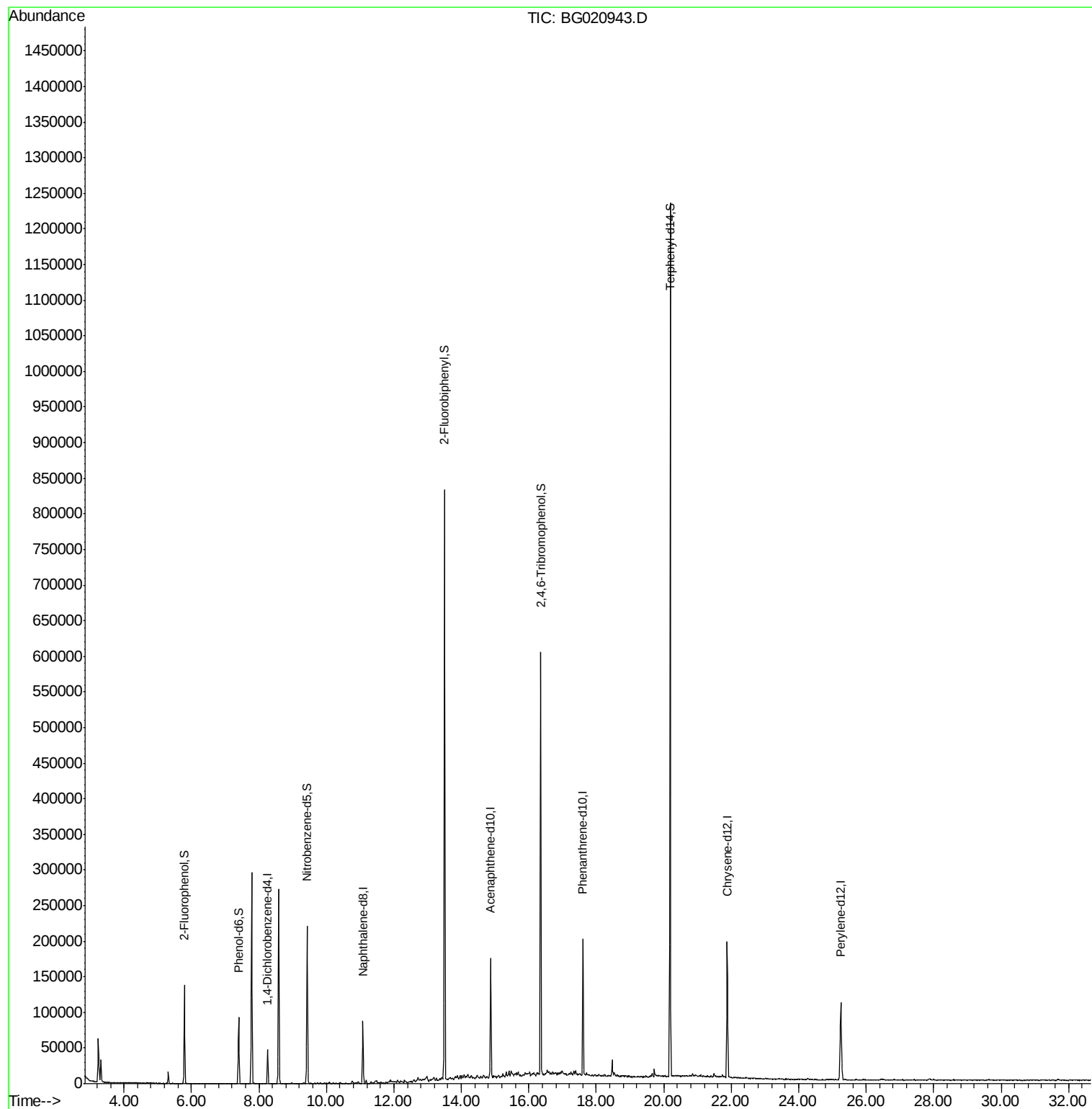
Target Compounds	Qvalue
------------------	--------

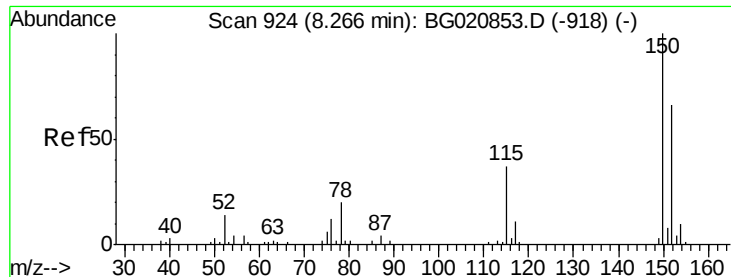
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020943.D
Acq On : 18 Feb 2016 19:51
Operator : SJ/UM
Sample : H1450-01
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HW-25

Quant Time: Feb 19 00:20:24 2016
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Feb 11 15:26:53 2016
Response via : Initial Calibration



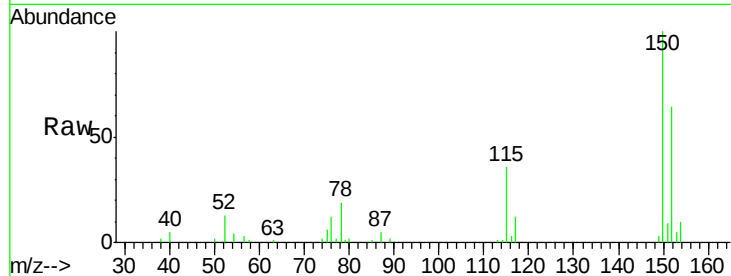


#1

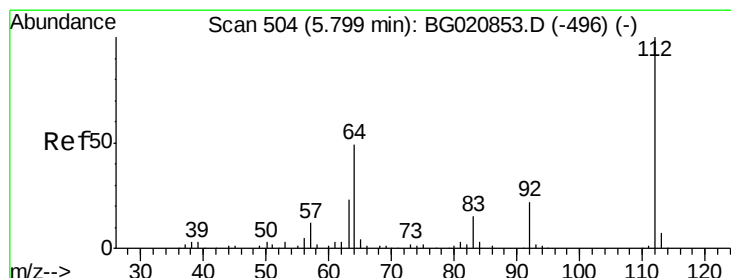
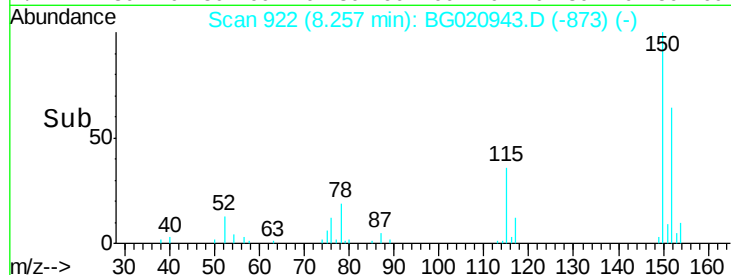
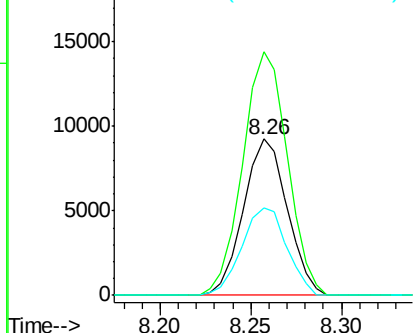
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 922
Delta R.T. -0.01 min
Lab File: BG020943.D
Acq: 18 Feb 2016 19:51

Instrument :
BNA_G
ClientSampleId :
HW-25

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.0	122.0	183.0
115	56.2	45.2	67.8



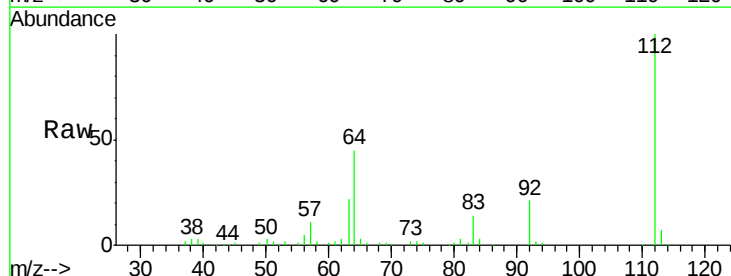
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



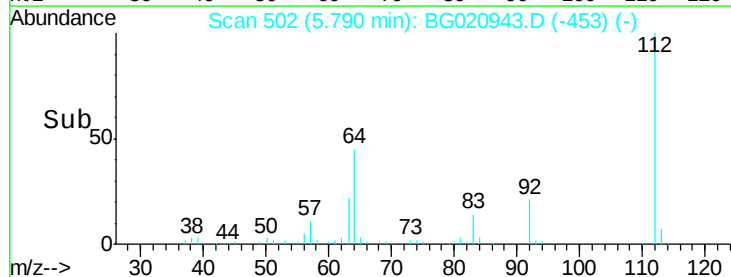
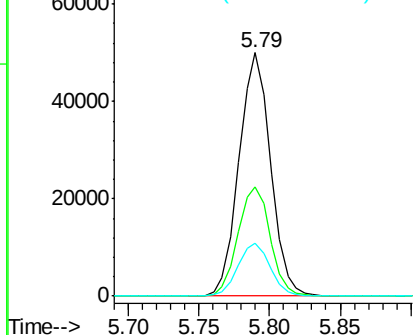
#5

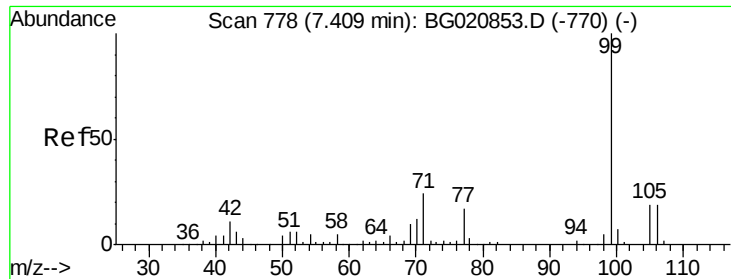
2-Fluorophenol
Concen: 85.03 ng
RT: 5.79 min Scan# 502
Delta R.T. -0.01 min
Lab File: BG020943.D
Acq: 18 Feb 2016 19:51

Tgt Ion	Ratio	Lower	Upper
112	100		
64	44.8	39.3	58.9
63	21.9	18.2	27.4



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: 51.53 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020943.D

Acq: 18 Feb 2016 19:51

Instrument :

BNA_G

ClientSampled :

HW-25

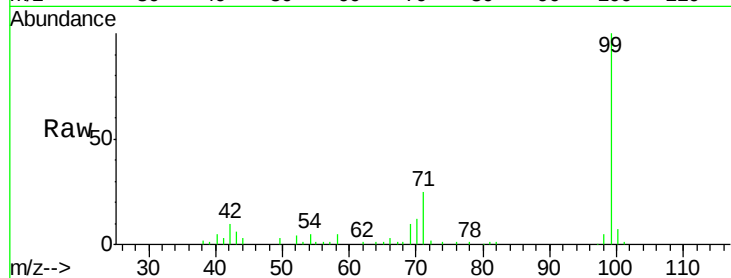
Tot Ion: 99 Resp: 69327

Ion Ratio Lower Upper

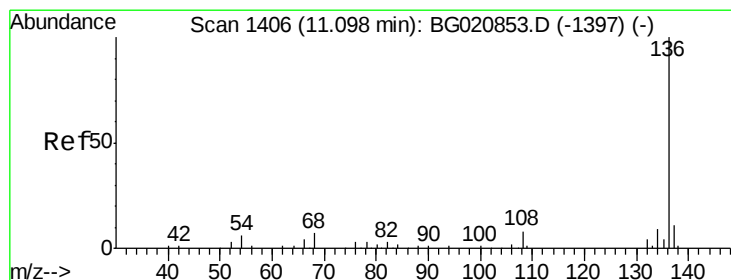
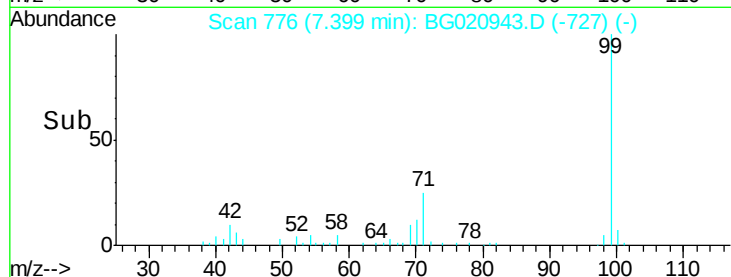
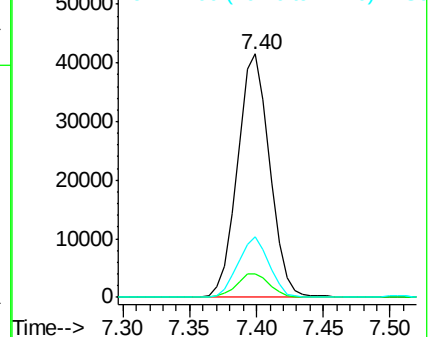
99 100

42 9.8 8.4 12.6

71 24.7 19.4 29.0



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: 11.08 min Scan# 1403

Delta R.T. -0.02 min

Lab File: BG020943.D

Acq: 18 Feb 2016 19:51

Tgt Ion: 136 Resp: 83915

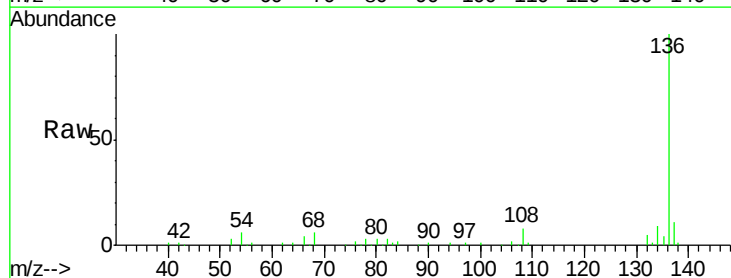
Ion Ratio Lower Upper

136 100

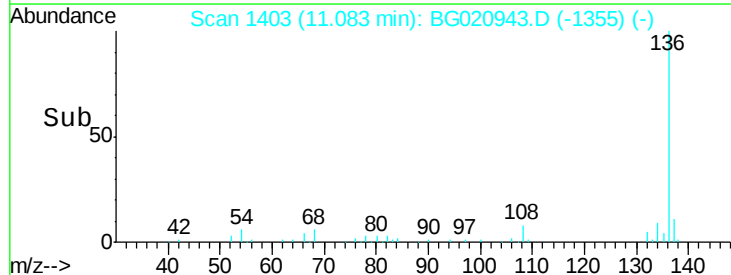
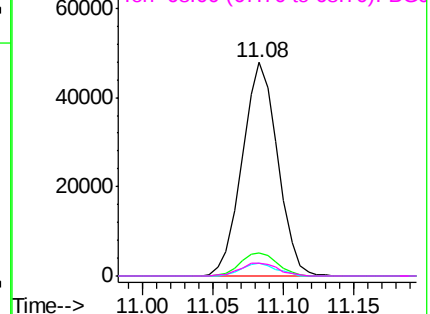
137 10.7 8.8 13.2

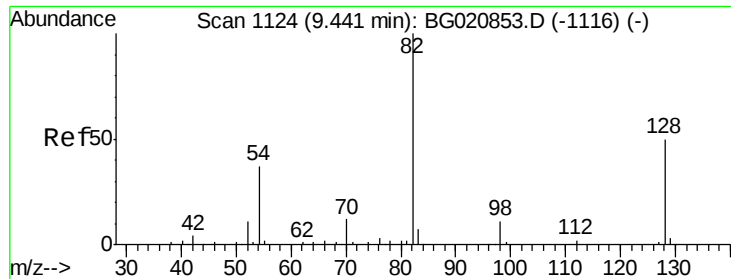
54 6.0 5.0 7.4

68 6.3 5.2 7.8



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

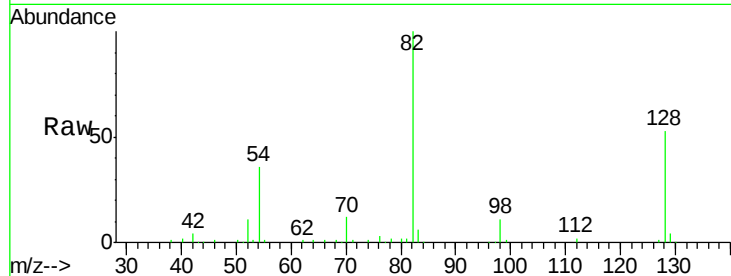




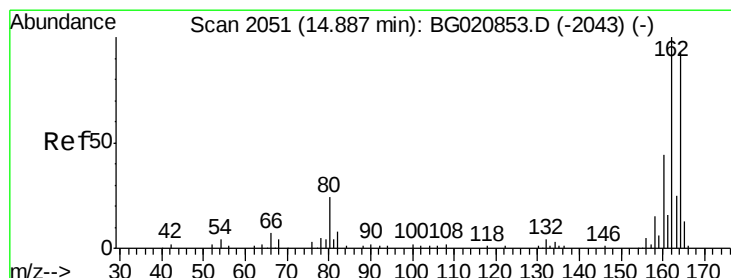
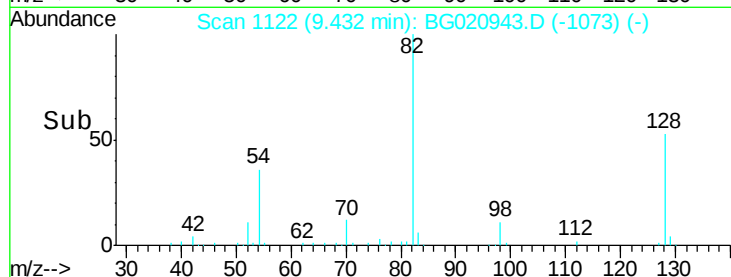
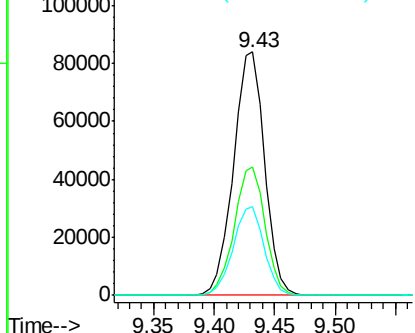
#23
Nitrobenzene-d5
Concen: 118.16 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020943.D
Acq: 18 Feb 2016 19:51

Instrument :
BNA_G
ClientSampleId :
HW-25

Tot Ion	82	Resp	150802
Ion Ratio	100	Lower	Upper
128	52.9	40.1	60.1
54	36.2	29.5	44.3

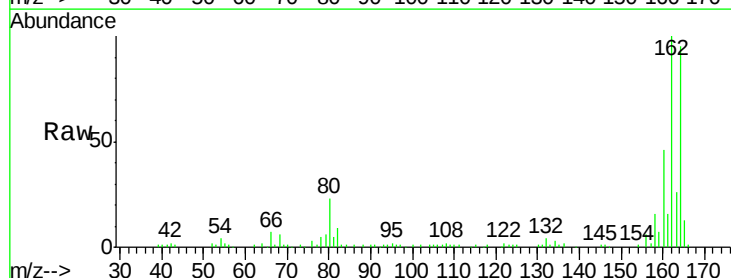


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

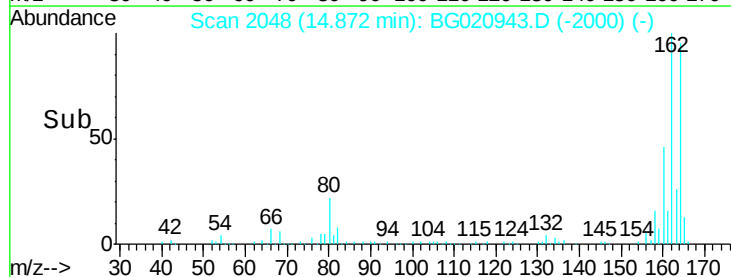
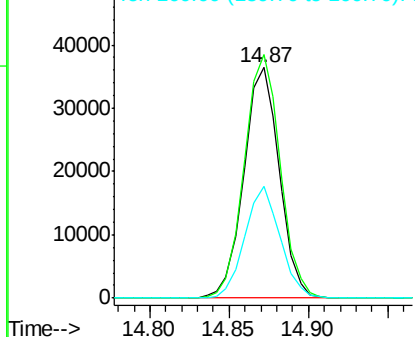


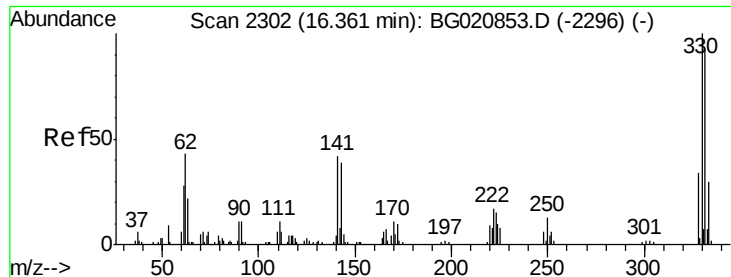
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2048
Delta R.T. -0.02 min
Lab File: BG020943.D
Acq: 18 Feb 2016 19:51

Tgt Ion	164	Resp	56529
Ion Ratio	100	Lower	Upper
162	105.6	85.7	128.5
160	48.3	37.4	56.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC





#41

2,4,6-Tribromophenol

Concen: 205.13 ng

RT: 16.35 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG020943.D

Acq: 18 Feb 2016 19:51

Instrument :

BNA_G

ClientSampled :

HW-25

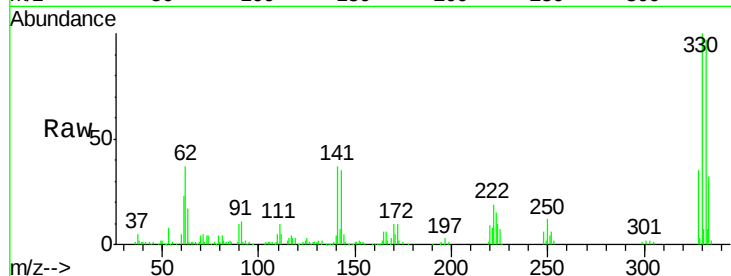
Tot Ion:330 Resp: 114031

Ion Ratio Lower Upper

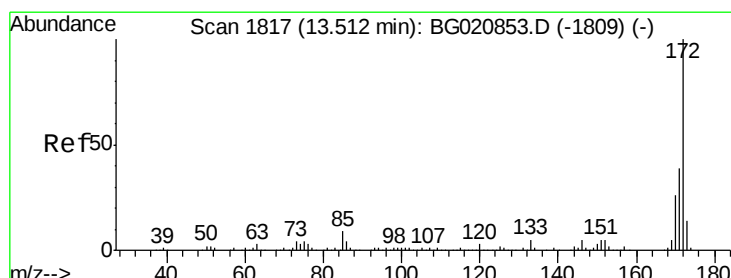
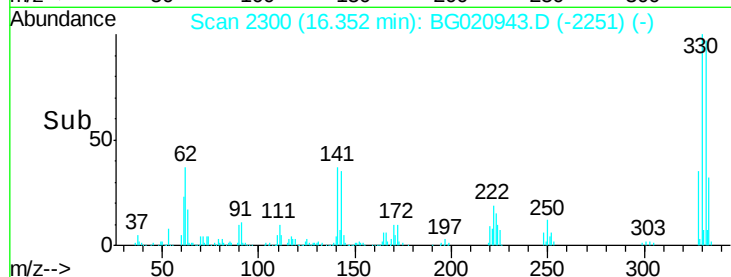
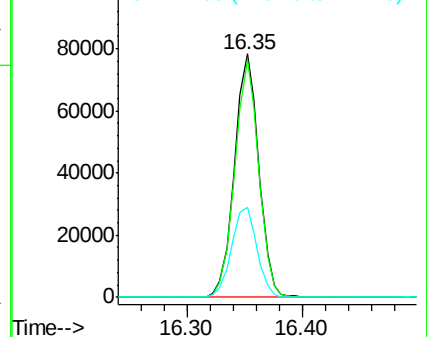
330 100

332 95.7 76.1 114.1

141 38.8 32.0 48.0



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: 112.15 ng

RT: 13.50 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BG020943.D

Acq: 18 Feb 2016 19:51

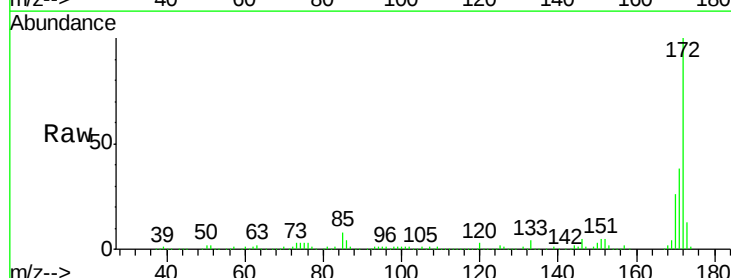
Tgt Ion:172 Resp: 451304

Ion Ratio Lower Upper

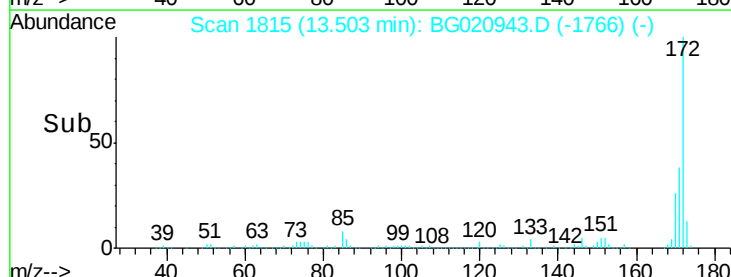
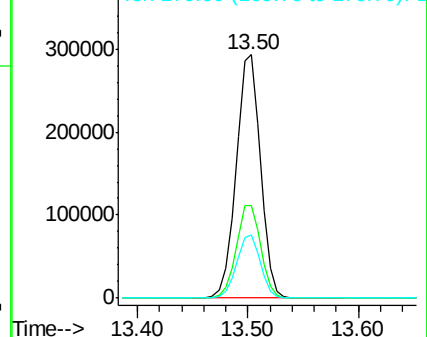
172 100

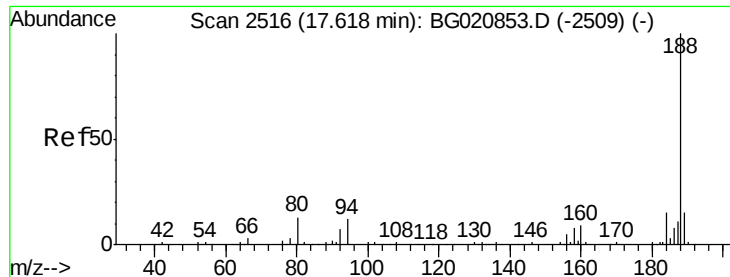
171 38.1 31.2 46.8

170 25.8 20.6 30.8



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

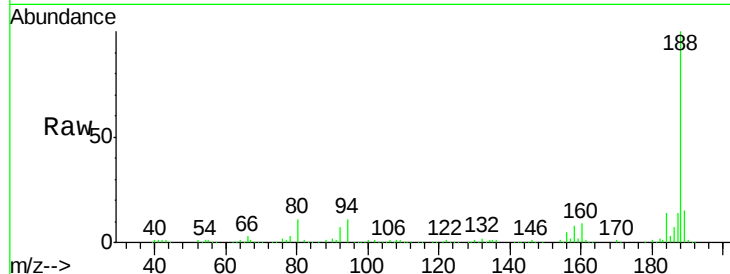




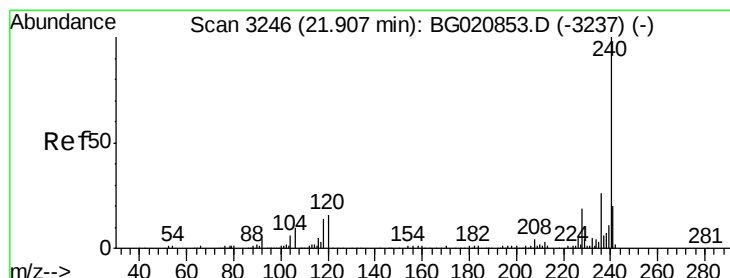
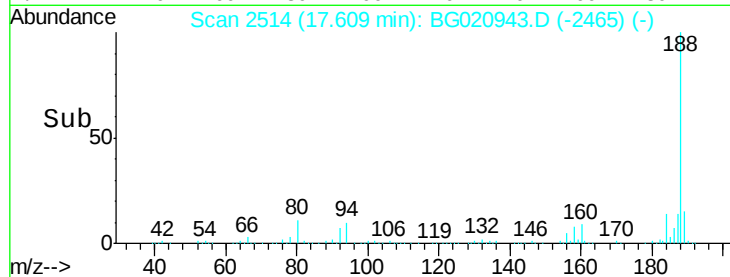
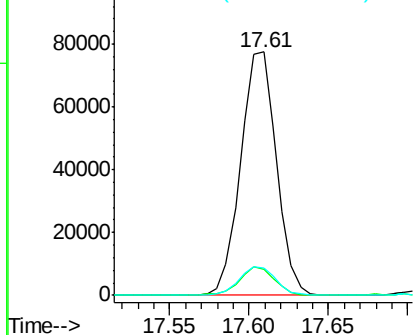
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020943.D
Acq: 18 Feb 2016 19:51

Instrument :
BNA_G
ClientSampled :
HW-25

Tot Ion:188 Resp: 121192
Ion Ratio Lower Upper
188 100
94 10.6 9.4 14.0
80 11.2 10.2 15.4

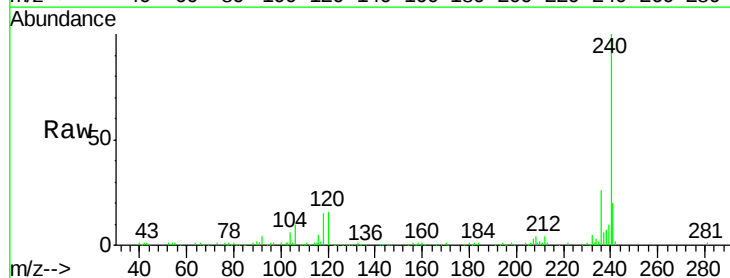


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGO
Ion 80.00 (79.70 to 80.70): BGO

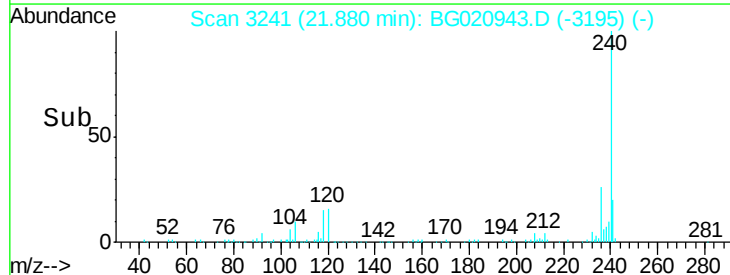
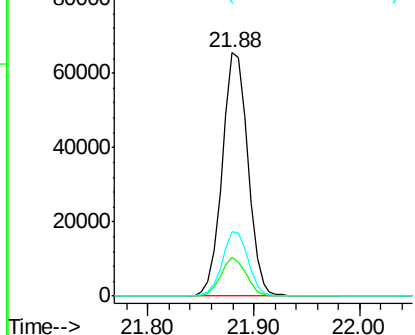


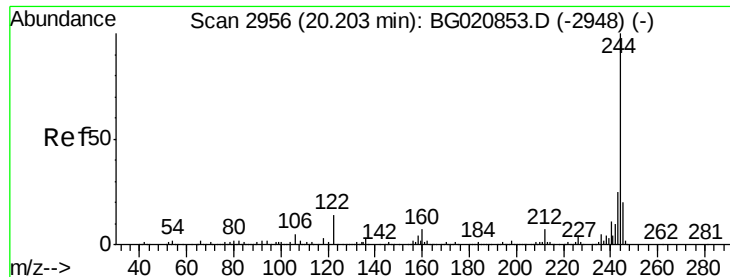
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3241
Delta R.T. -0.03 min
Lab File: BG020943.D
Acq: 18 Feb 2016 19:51

Tgt Ion:240 Resp: 110430
Ion Ratio Lower Upper
240 100
120 16.2 13.0 19.4
236 26.4 21.0 31.4



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: 107.08 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020943.D

Acq: 18 Feb 2016 19:51

Instrument :

BNA_G

ClientSampled :

HW-25

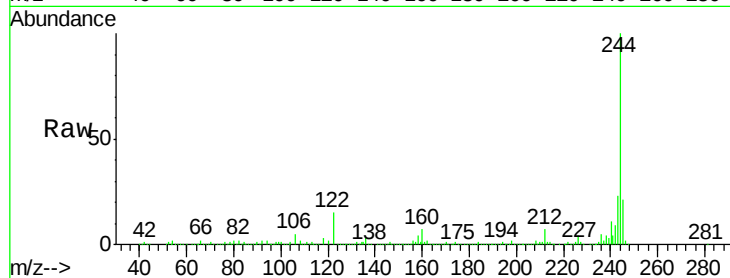
Tot Ion:244 Resp: 506884

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

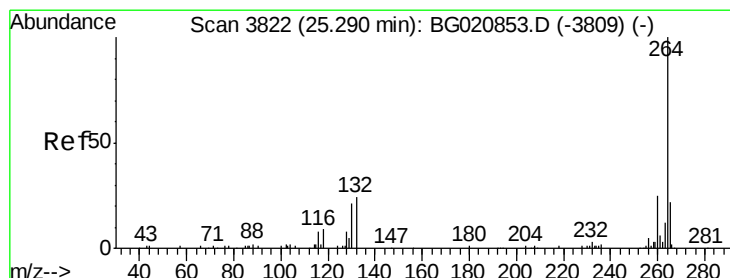
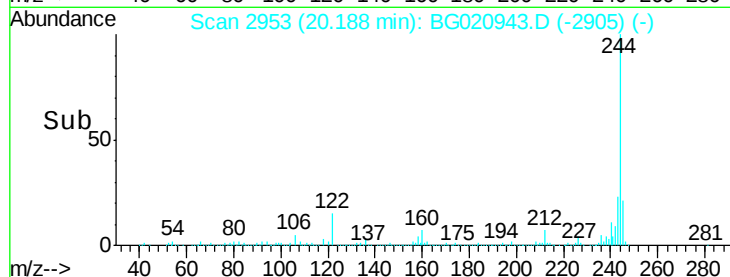
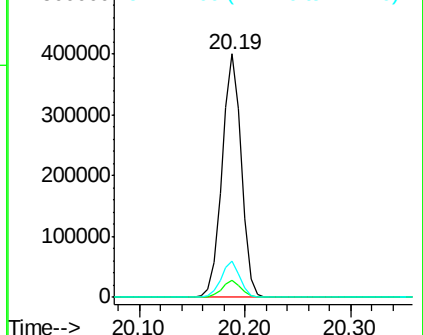
122 14.7 11.4 17.2



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: 25.25 min Scan# 3815

Delta R.T. -0.04 min

Lab File: BG020943.D

Acq: 18 Feb 2016 19:51

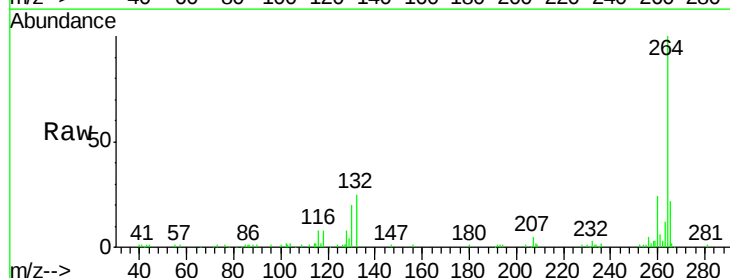
Tgt Ion:264 Resp: 104284

Ion Ratio Lower Upper

264 100

260 24.2 19.9 29.9

265 21.7 18.0 27.0



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

