

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020963.D
 Acq On : 19 Feb 2016 8:54
 Operator : SJ/UM
 Sample : H1453-08 20X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-5

Quant Time: Feb 19 10:41:02 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	27454	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	137459	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	73533	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	135944	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	127626	20.00	ng	-0.02
86) Perylene-d12	25.25	264	123869	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	10130	6.21	ng	-0.01
7) Phenol-d6	7.40	99	15165	6.36	ng	-0.01
23) Nitrobenzene-d5	9.43	82	9187	4.39	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	3938	5.45	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	23630	4.51	ng	-0.01
78) Terphenyl-d14	20.18	244	23408	4.28	ng	-0.02

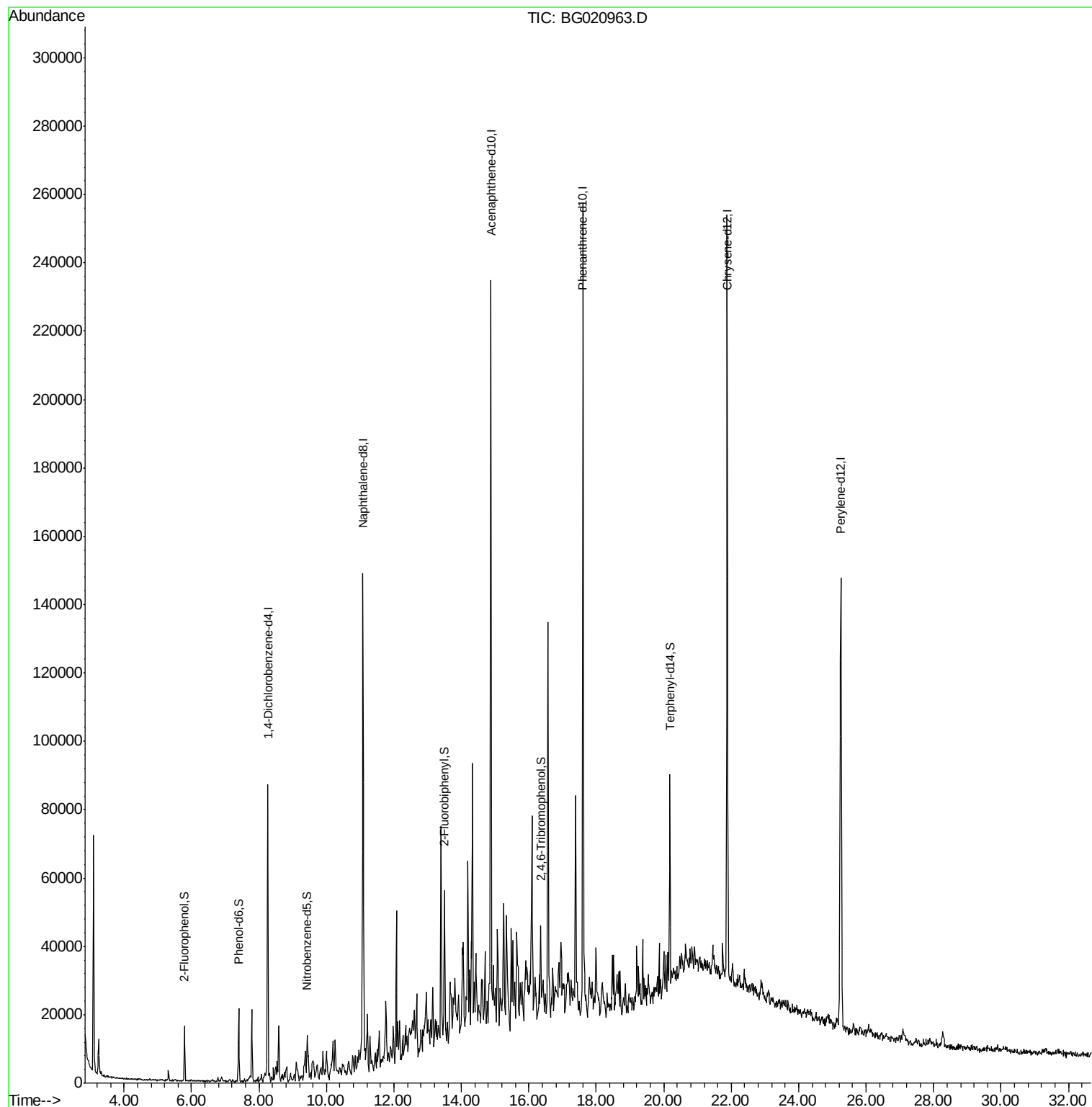
Target Compounds Qvalue

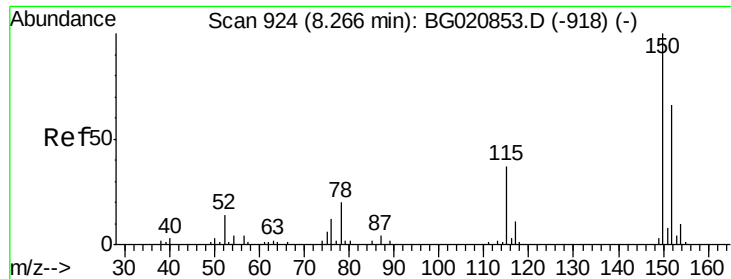
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
Data File : BG020963.D
Acq On : 19 Feb 2016 8:54
Operator : SJ/UM
Sample : H1453-08 20X
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EGR-A-5

Quant Time: Feb 19 10:41:02 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

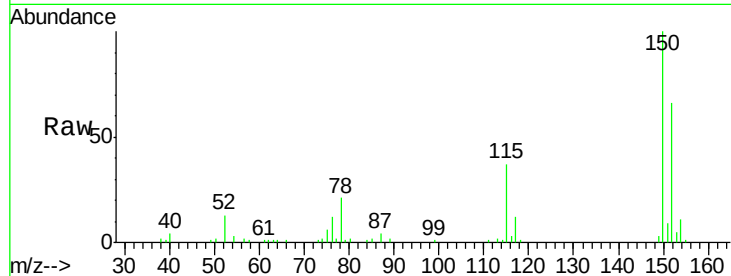




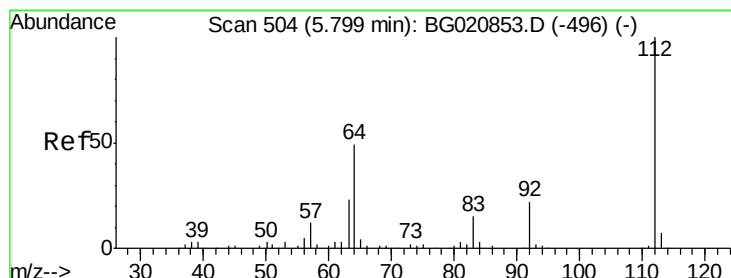
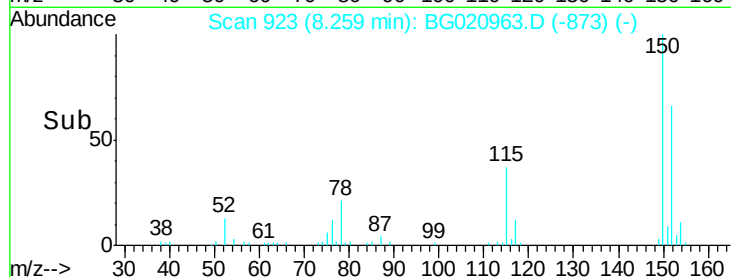
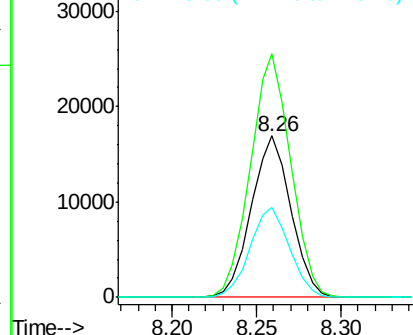
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.26 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG020963.D
 Acq: 19 Feb 2016 8:54

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-5

Tot Ion:152 Resp: 27454
 Ion Ratio Lower Upper
 152 100
 150 151.1 122.0 183.0
 115 56.2 45.2 67.8

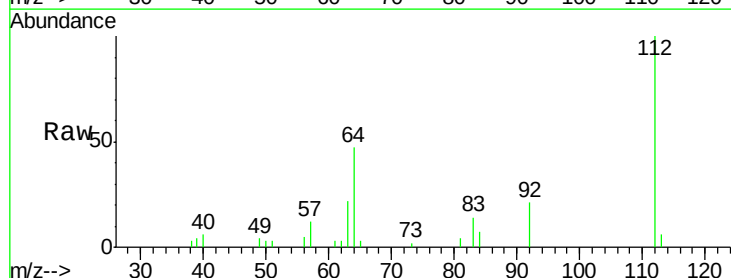


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

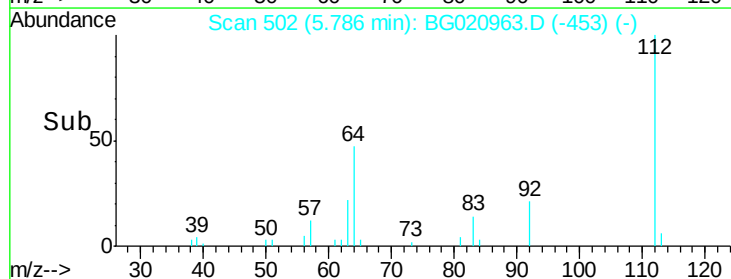
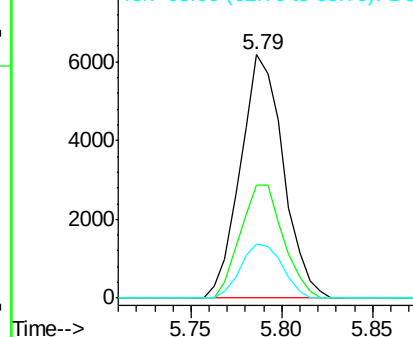


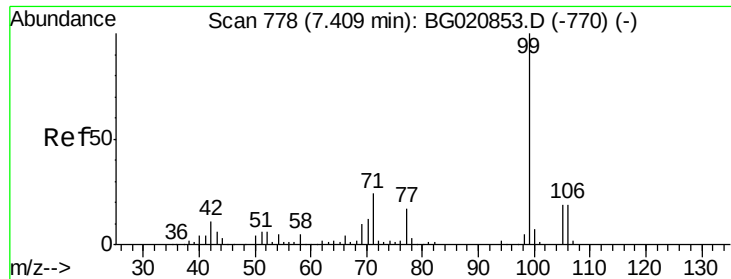
#5
 2-Fluorophenol
 Concen: 6.21 ng
 RT: 5.79 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BG020963.D
 Acq: 19 Feb 2016 8:54

Tgt Ion:112 Resp: 10130
 Ion Ratio Lower Upper
 112 100
 64 46.5 39.3 58.9
 63 22.1 18.2 27.4



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





#7

Phenol-d6

Concen: 6.36 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020963.D

Acq: 19 Feb 2016 8:54

Instrument :

BNA_G

ClientSampleId :

EGR-A-5

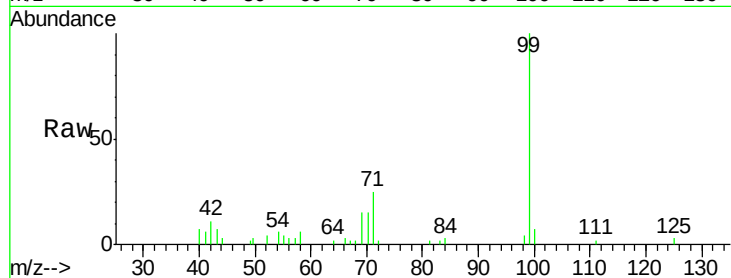
Tot Ion: 99 Resp: 15165

Ion Ratio Lower Upper

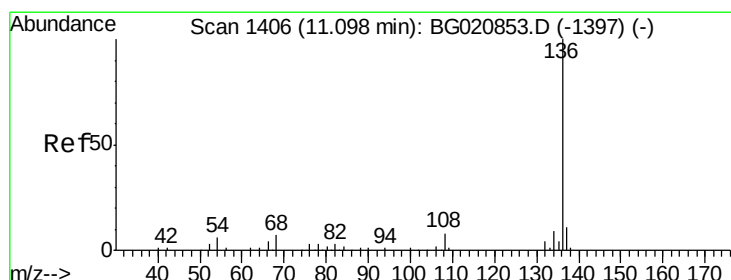
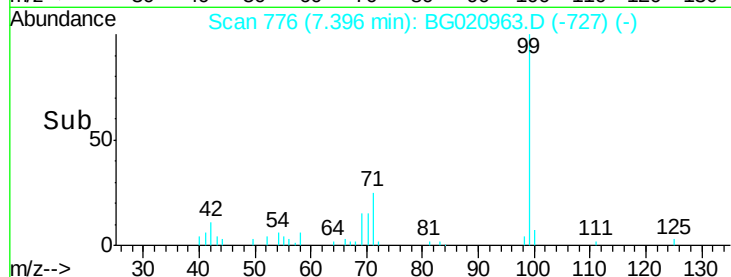
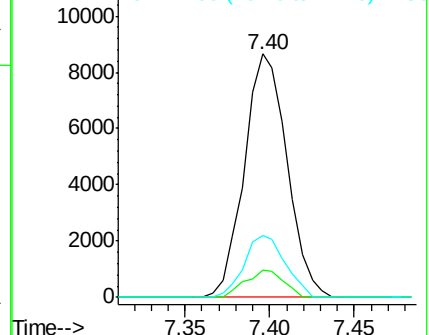
99 100

42 11.0 8.4 12.6

71 25.5 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# 1404

Delta R.T. -0.01 min

Lab File: BG020963.D

Acq: 19 Feb 2016 8:54

Tgt Ion: 136 Resp: 137459

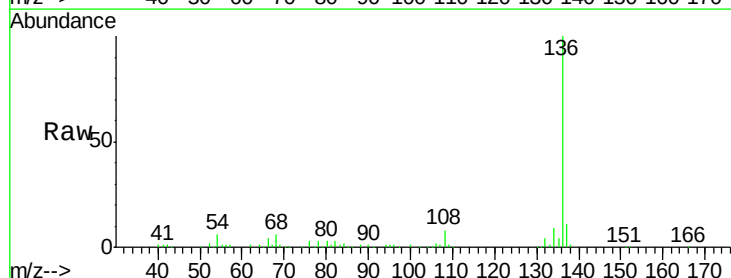
Ion Ratio Lower Upper

136 100

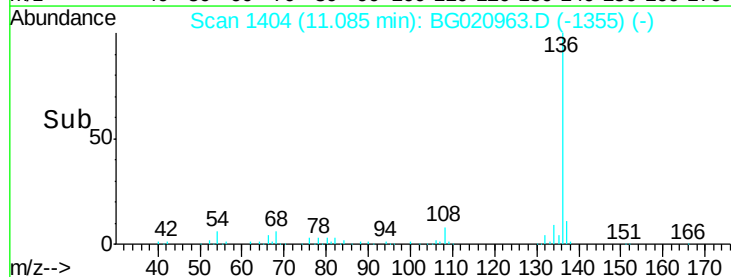
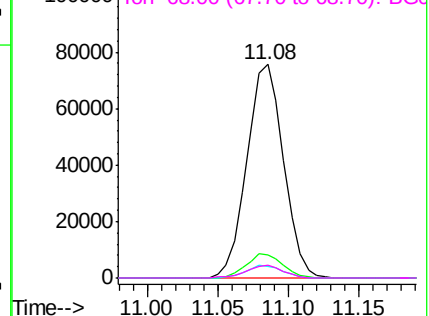
137 11.1 8.8 13.2

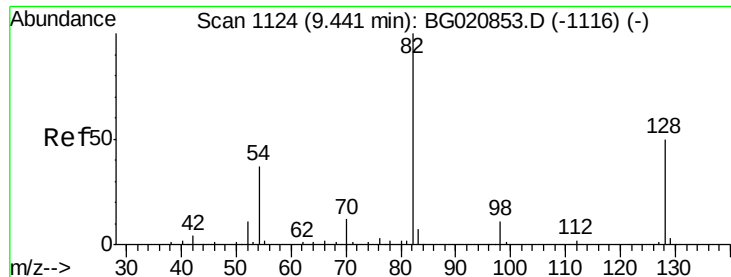
54 5.5 5.0 7.4

68 6.2 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

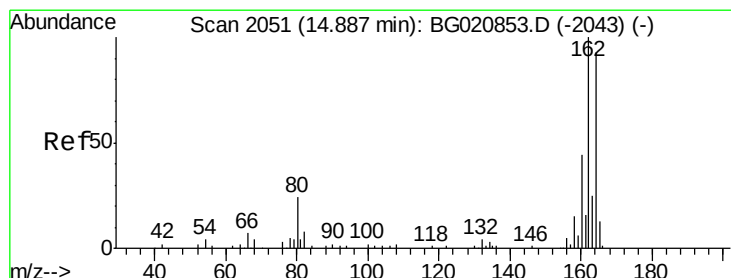
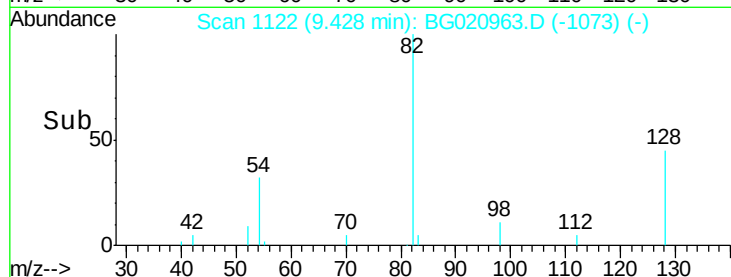
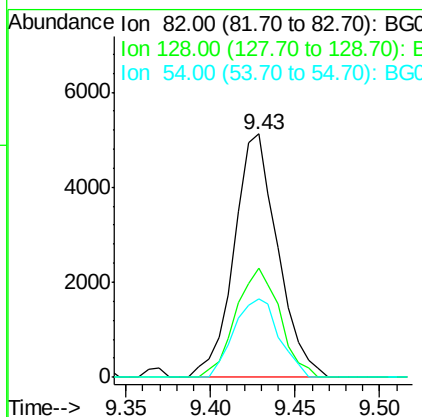
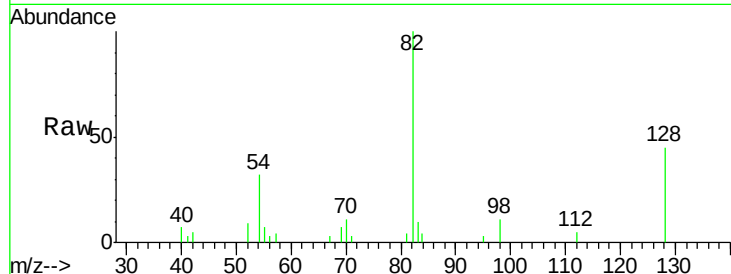




#23
 Nitrobenzene-d5
 Concen: 4.39 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020963.D
 Acq: 19 Feb 2016 8:54

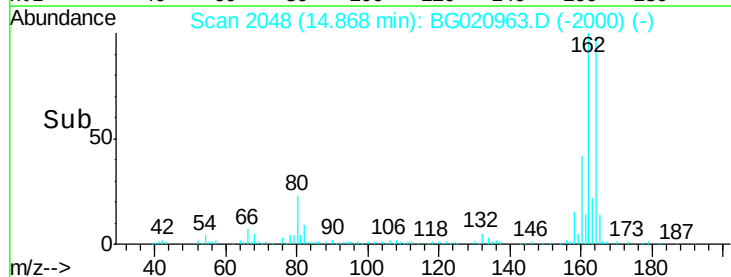
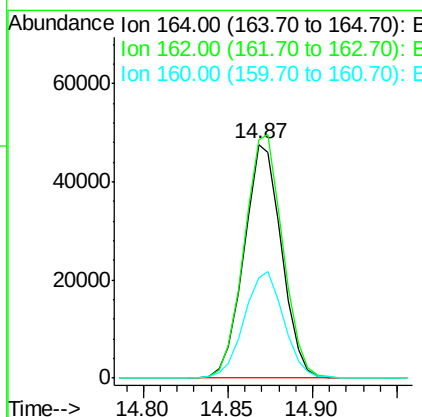
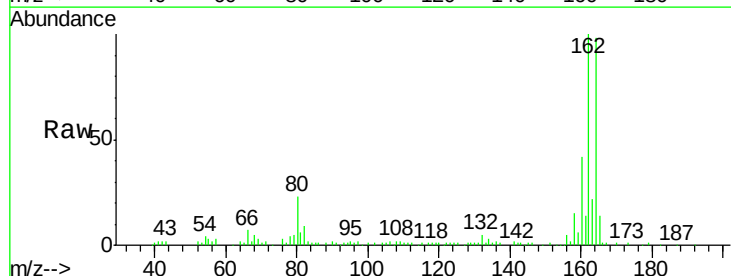
Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-5

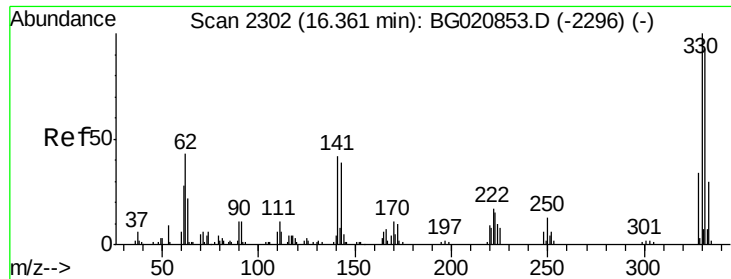
Tot Ion	82	Resp	9187
Ion Ratio	Lower	Upper	
82	100		
128	44.9	40.1	60.1
54	32.1	29.5	44.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG020963.D
 Acq: 19 Feb 2016 8:54

Tgt Ion	164	Resp	73533
Ion Ratio	Lower	Upper	
164	100		
162	102.3	85.7	128.5
160	43.0	37.4	56.0

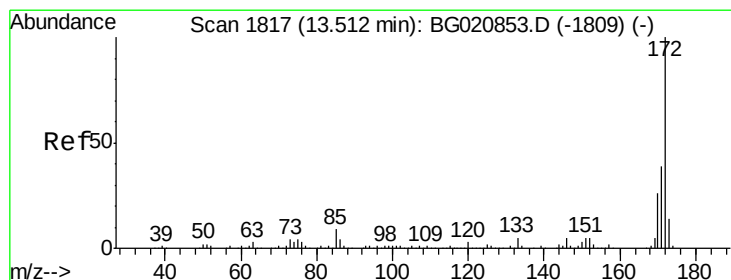
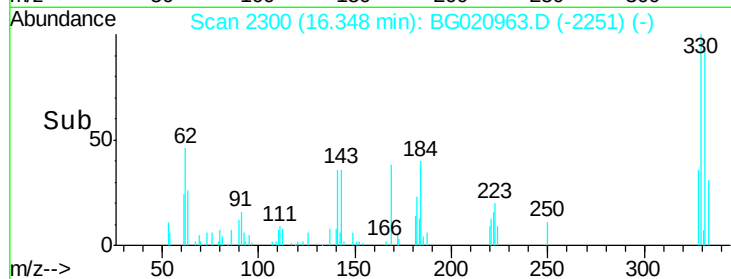
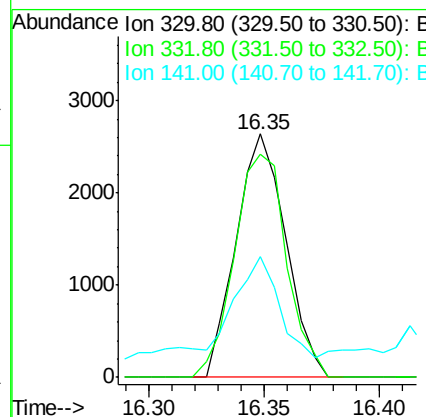
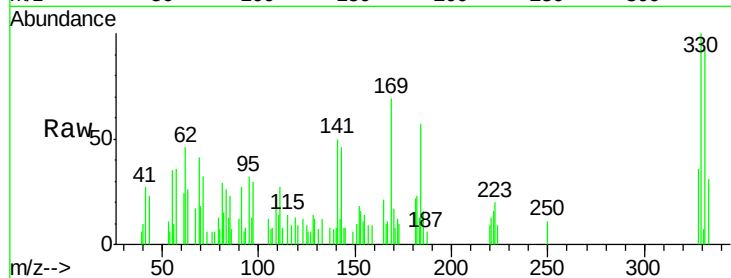




#41
 2,4,6-Tribromophenol
 Concen: 5.45 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020963.D
 Acq: 19 Feb 2016 8:54

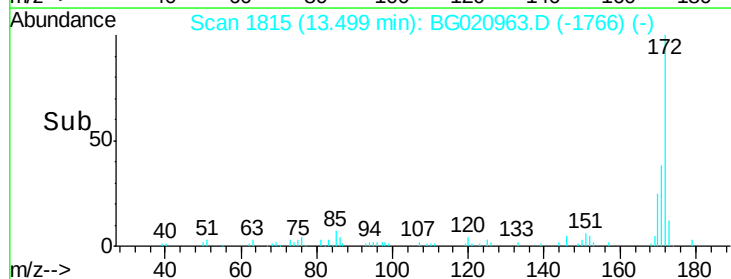
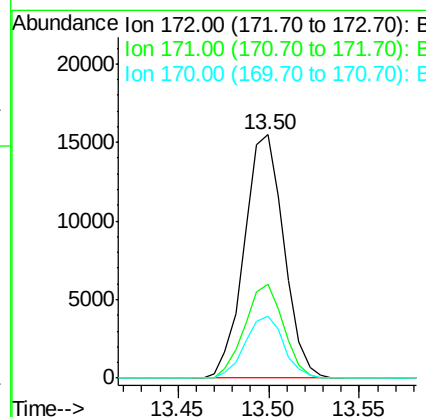
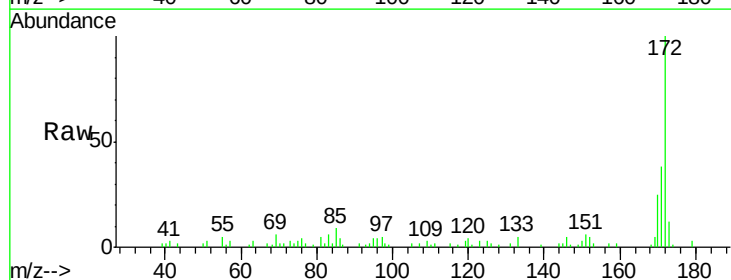
Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-5

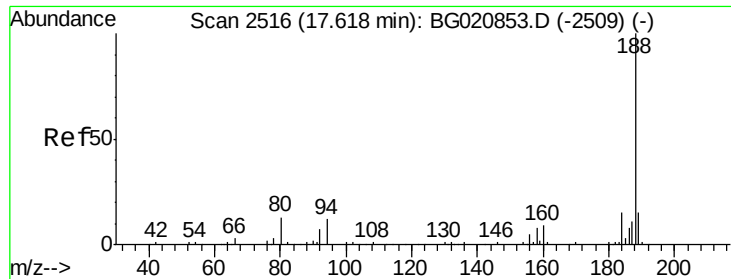
Tot Ion:330 Resp: 3938
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.1 114.1
 141 43.0 32.0 48.0



#44
 2-Fluorobiphenyl
 Concen: 4.51 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020963.D
 Acq: 19 Feb 2016 8:54

Tgt Ion:172 Resp: 23630
 Ion Ratio Lower Upper
 172 100
 171 38.4 31.2 46.8
 170 25.2 20.6 30.8





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.61 min Scan# 2514

Delta R.T. -0.01 min

Lab File: BG020963.D

Acq: 19 Feb 2016 8:54

Instrument :

BNA_G

ClientSampleId :

EGR-A-5

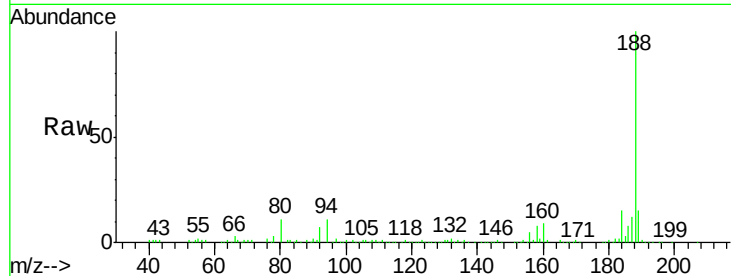
Tot Ion:188 Resp: 135944

Ion Ratio Lower Upper

188 100

94 11.2 9.4 14.0

80 11.1 10.2 15.4



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

120000

100000

80000

60000

40000

20000

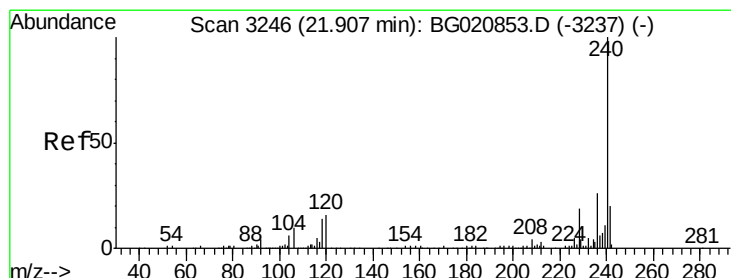
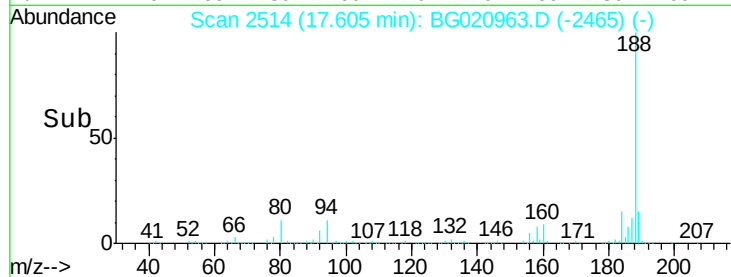
0

17.61

17.60

17.70

Time-->



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.88 min Scan# 3242

Delta R.T. -0.02 min

Lab File: BG020963.D

Acq: 19 Feb 2016 8:54

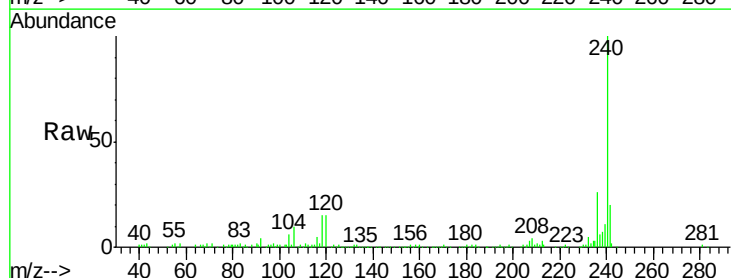
Tgt Ion:240 Resp: 127626

Ion Ratio Lower Upper

240 100

120 15.1 13.0 19.4

236 26.3 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

100000

80000

60000

40000

20000

0

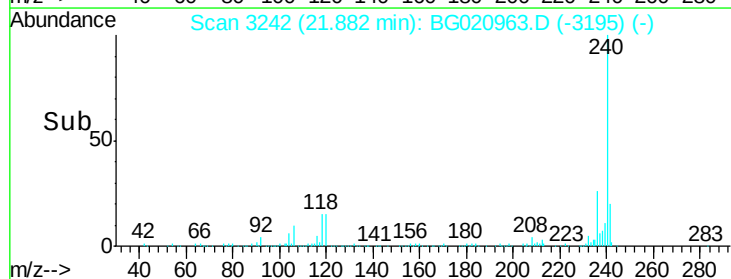
21.88

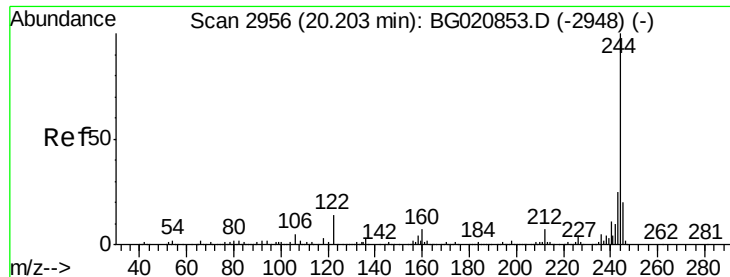
21.80

21.90

22.00

Time-->





#78

Terphenyl-d14

Concen: 4.28 ng

RT: 20.18 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020963.D

Acq: 19 Feb 2016 8:54

Instrument :

BNA_G

ClientSampleId :

EGR-A-5

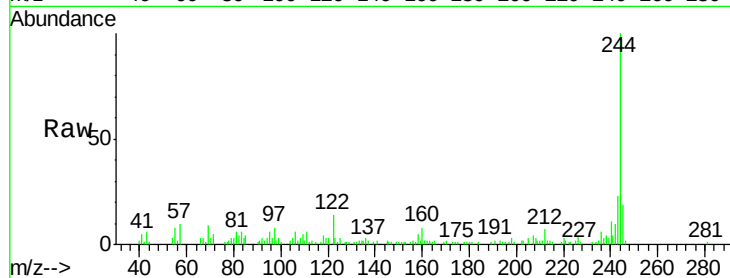
Tot Ion:244 Resp: 23408

Ion Ratio Lower Upper

244 100

212 6.9 5.5 8.3

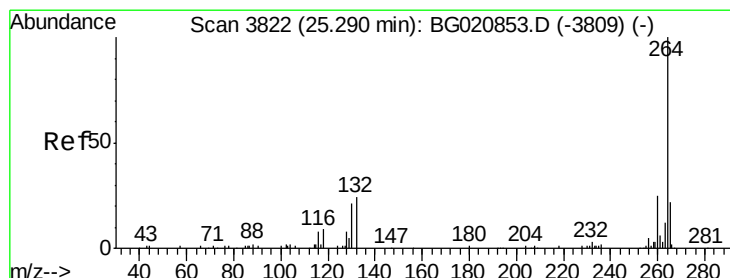
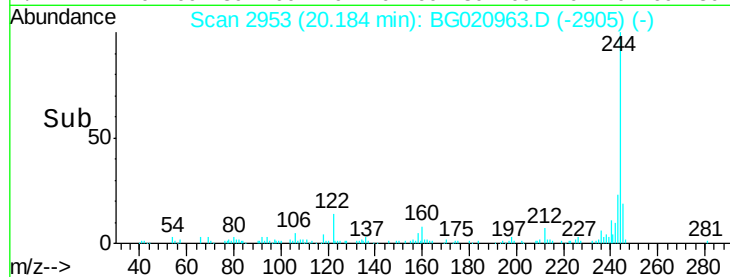
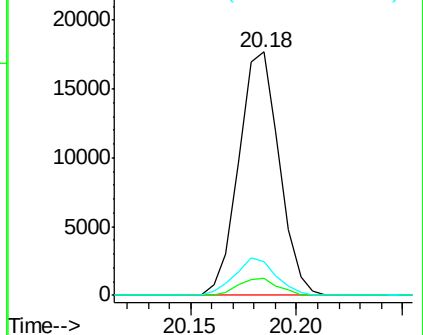
122 13.9 11.4 17.2



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: BG020963.D

Acq: 19 Feb 2016 8:54

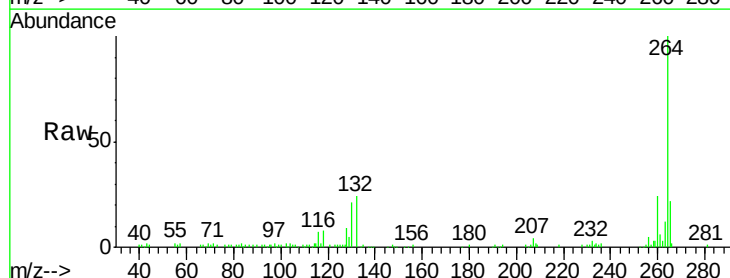
Tgt Ion:264 Resp: 123869

Ion Ratio Lower Upper

264 100

260 24.4 19.9 29.9

265 21.9 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

