

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020962.D
 Acq On : 19 Feb 2016 8:14
 Operator : SJ/UM
 Sample : H1453-07 20X
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-4

Quant Time: Feb 19 09:48:40 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	27556	20.00	ng	0.00
21) Naphthalene-d8	11.09	136	138872	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	74909	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	141896	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	132805	20.00	ng	-0.02
86) Perylene-d12	25.25	264	128002	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	7106	4.34	ng	-0.01
7) Phenol-d6	7.40	99	10282	4.30	ng	-0.01
23) Nitrobenzene-d5	9.43	82	5855	2.77	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	2724	3.70	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	16076	3.01	ng	-0.01
78) Terphenyl-d14	20.18	244	15685	2.76	ng	-0.02

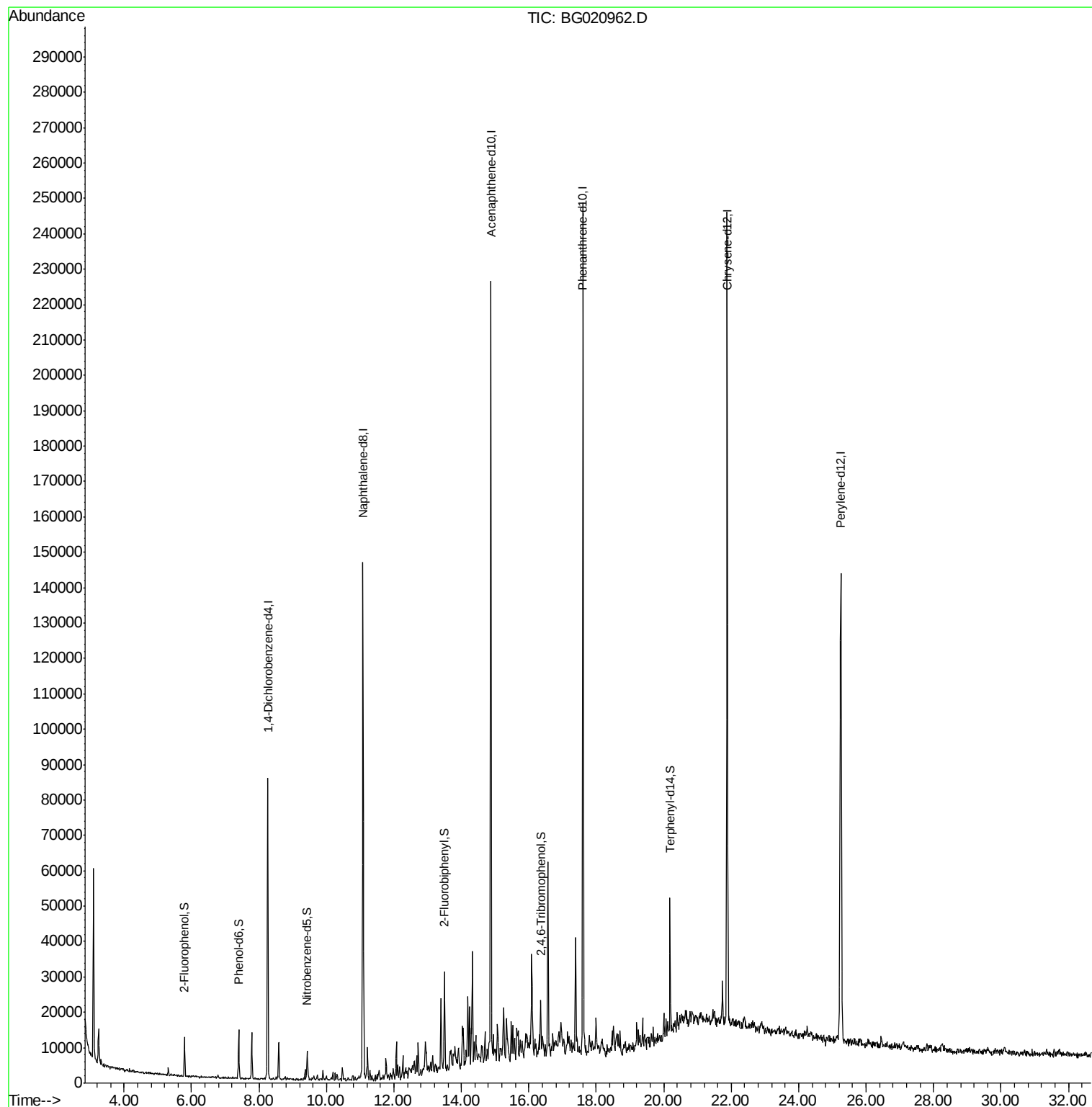
Target Compounds Qvalue

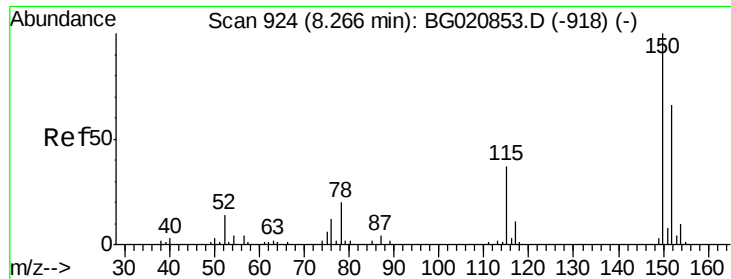
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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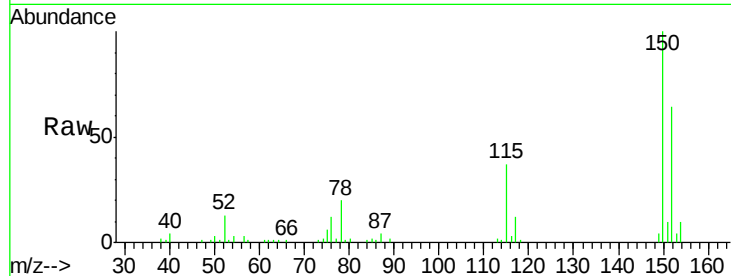




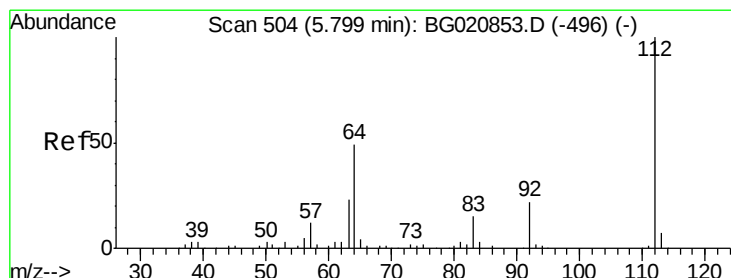
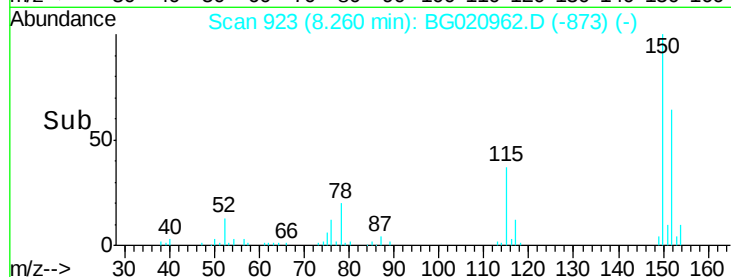
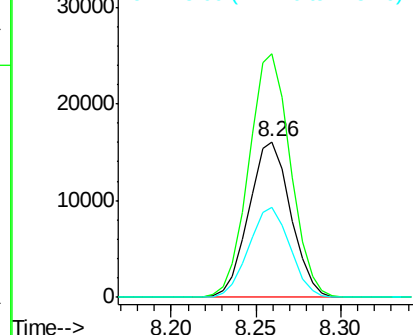
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.26 min Scan# 923
 Delta R.T. -0.01 min
 Lab File: BG020962.D
 Acq: 19 Feb 2016 8:14

Instrument :
 BNA_G
 ClientSampleId :
 EGR-A-4

Tot Ion:152 Resp: 27556
 Ion Ratio Lower Upper
 152 100
 150 156.1 122.0 183.0
 115 57.5 45.2 67.8

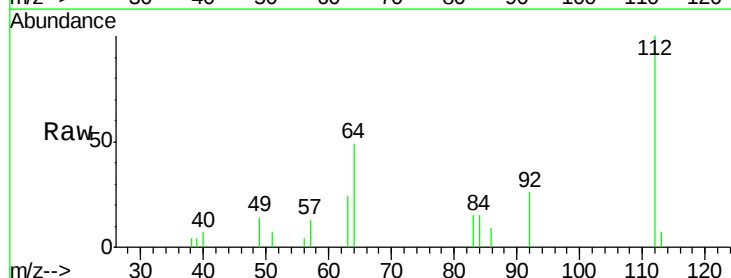


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

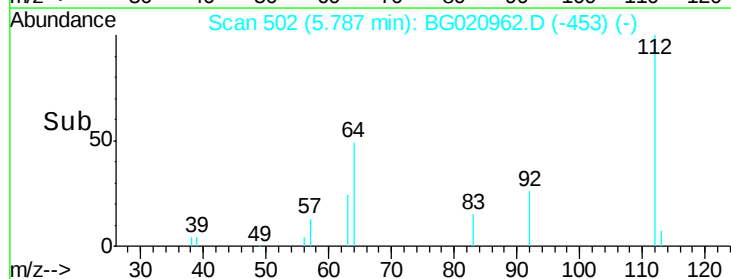
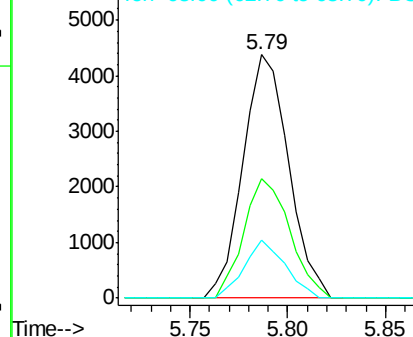


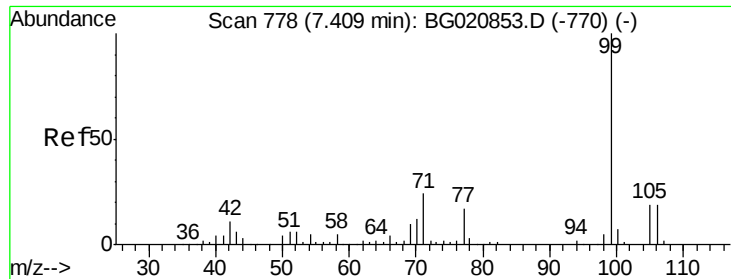
#5
 2-Fluorophenol
 Concen: 4.34 ng
 RT: 5.79 min Scan# 502
 Delta R.T. -0.01 min
 Lab File: BG020962.D
 Acq: 19 Feb 2016 8:14

Tgt Ion:112 Resp: 7106
 Ion Ratio Lower Upper
 112 100
 64 49.0 39.3 58.9
 63 23.6 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: 4.30 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020962.D

Acq: 19 Feb 2016 8:14

Instrument :

BNA_G

ClientSampleId :

EGR-A-4

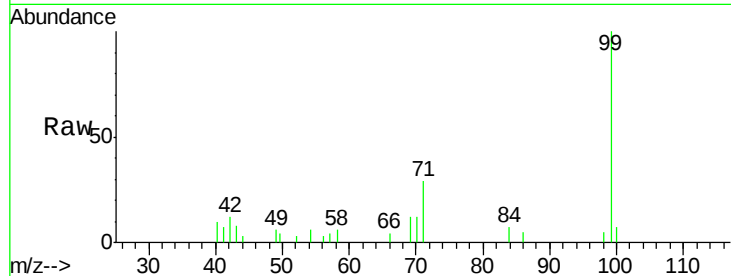
Tot Ion: 99 Resp: 10282

Ion Ratio Lower Upper

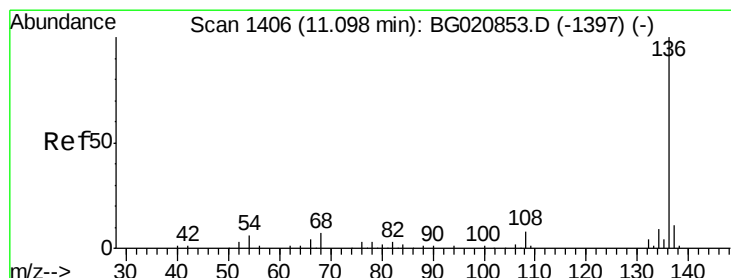
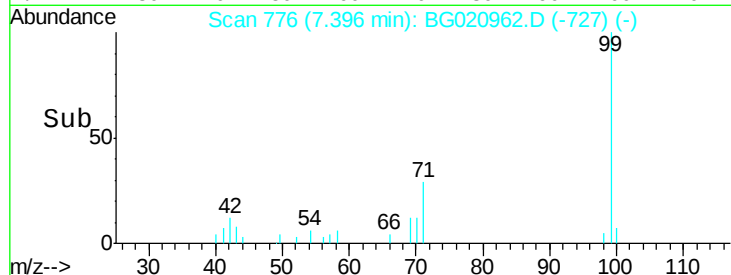
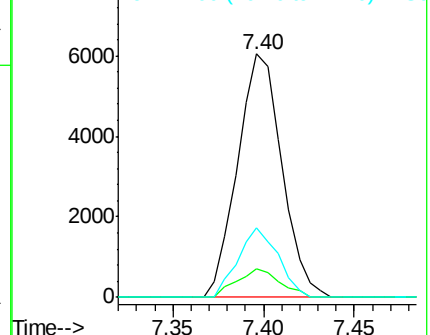
99 100

42 11.6 8.4 12.6

71 28.7 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: 11.09 min Scan# 1404

Delta R.T. -0.01 min

Lab File: BG020962.D

Acq: 19 Feb 2016 8:14

Tgt Ion: 136 Resp: 138872

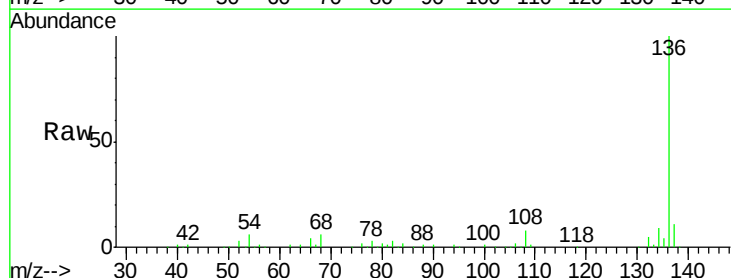
Ion Ratio Lower Upper

136 100

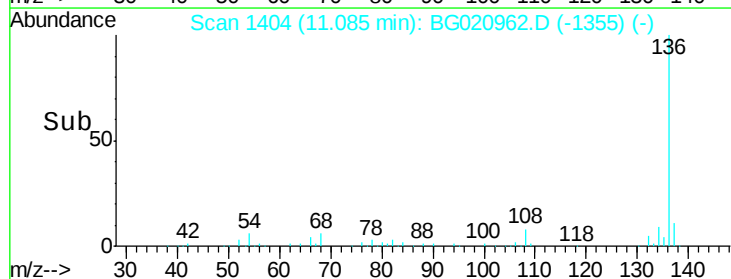
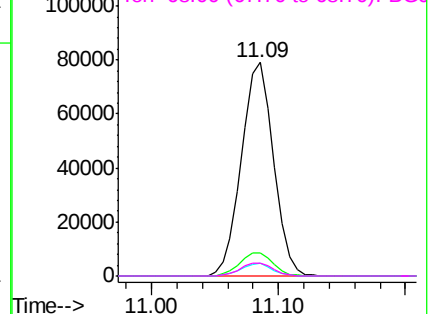
137 10.6 8.8 13.2

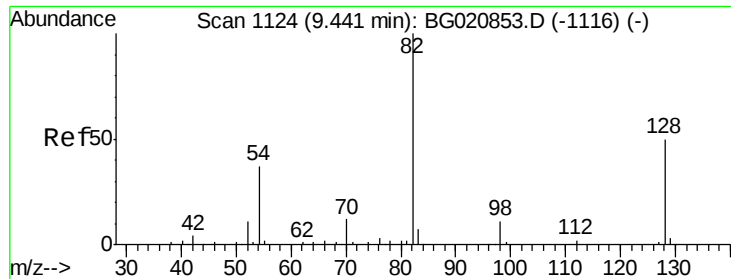
54 6.0 5.0 7.4

68 6.0 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

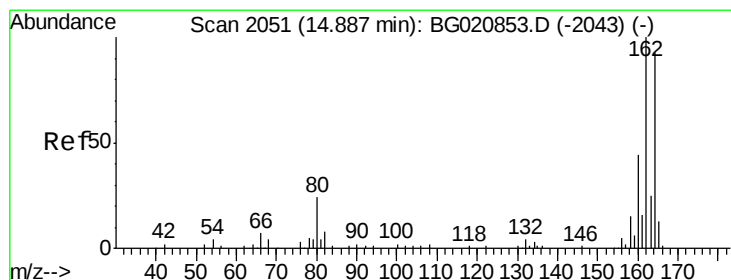
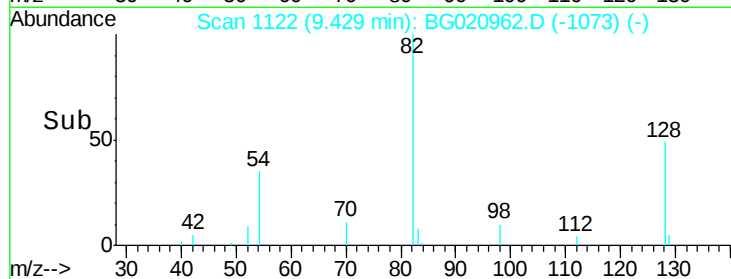
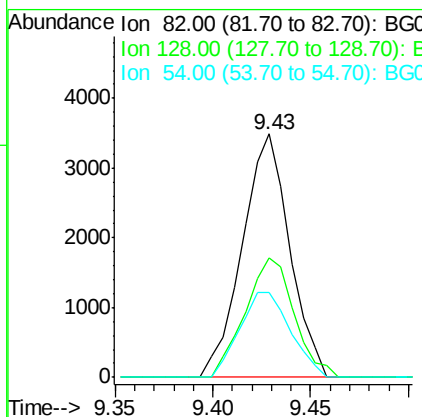
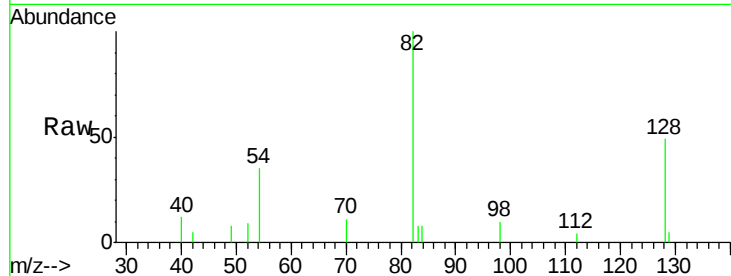




#23
Nitrobenzene-d5
Concen: 2.77 ng
RT: 9.43 min Scan# 1122
Delta R.T. -0.01 min
Lab File: BG020962.D
Acq: 19 Feb 2016 8:14

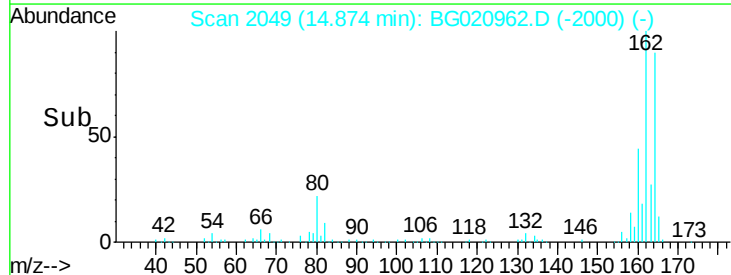
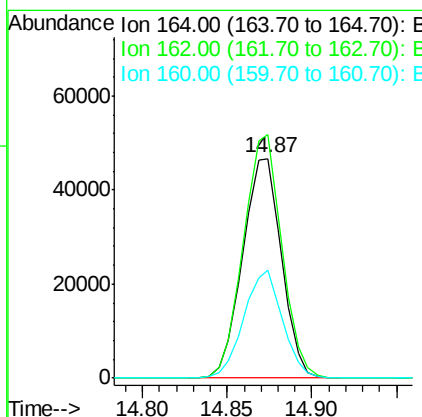
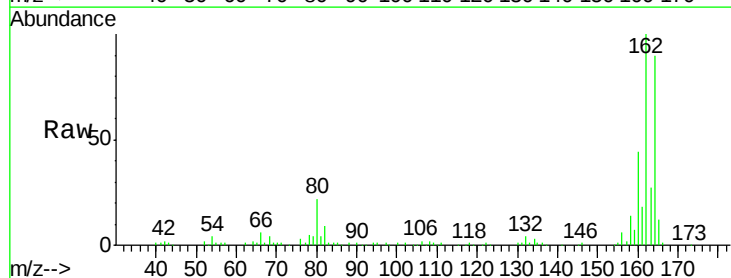
Instrument :
BNA_G
ClientSampled :
EGR-A-4

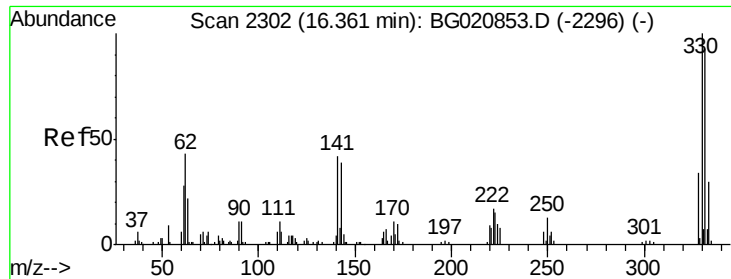
Tot Ion	82	Resp	5855
Ion Ratio	Lower	Upper	
82	100		
128	49.3	40.1	60.1
54	35.0	29.5	44.3



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.87 min Scan# 2049
Delta R.T. -0.01 min
Lab File: BG020962.D
Acq: 19 Feb 2016 8:14

Tgt Ion	164	Resp	74909
Ion Ratio	Lower	Upper	
164	100		
162	111.0	85.7	128.5
160	49.3	37.4	56.0





#41

2,4,6-Tribromophenol

Concen: 3.70 ng

RT: 16.35 min Scan# 2300

Delta R.T. -0.01 min

Lab File: BG020962.D

Acq: 19 Feb 2016 8:14

Instrument :

BNA_G

ClientSampleId :

EGR-A-4

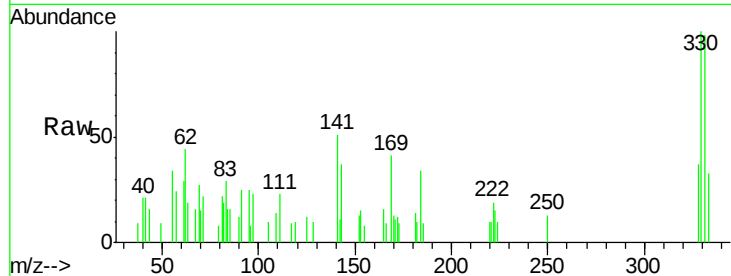
Tot Ion:330 Resp: 2724

Ion Ratio Lower Upper

330 100

332 109.4 76.1 114.1

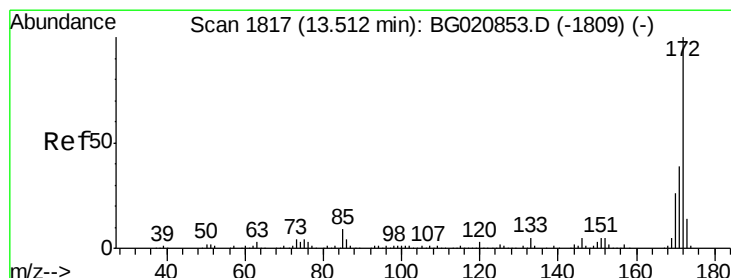
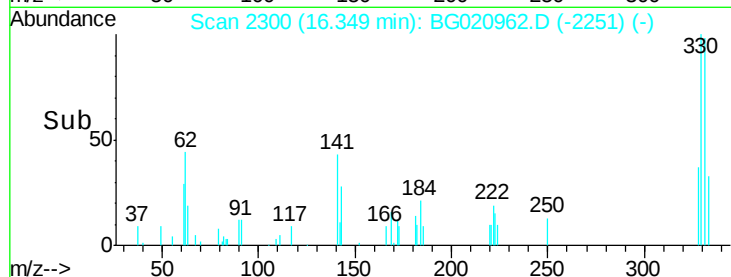
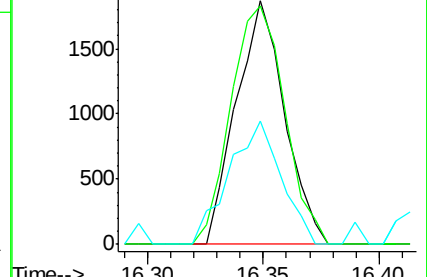
141 54.5 32.0 48.0#



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: 3.01 ng

RT: 13.50 min Scan# 1815

Delta R.T. -0.01 min

Lab File: BG020962.D

Acq: 19 Feb 2016 8:14

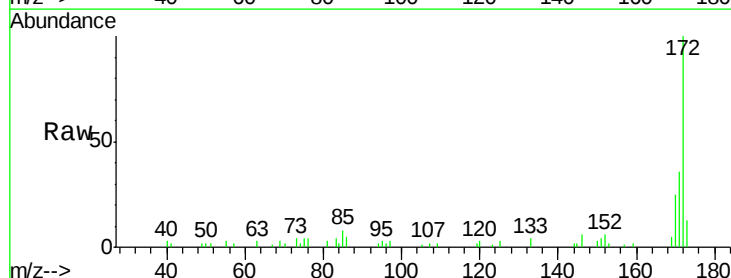
Tgt Ion:172 Resp: 16076

Ion Ratio Lower Upper

172 100

171 36.0 31.2 46.8

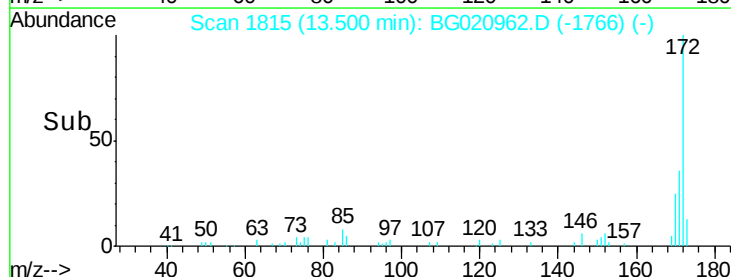
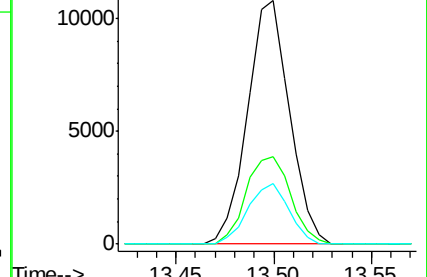
170 24.9 20.6 30.8

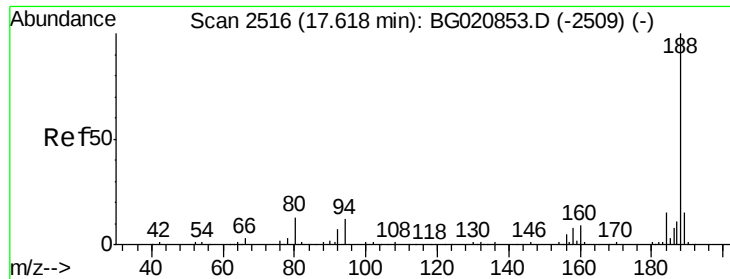


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

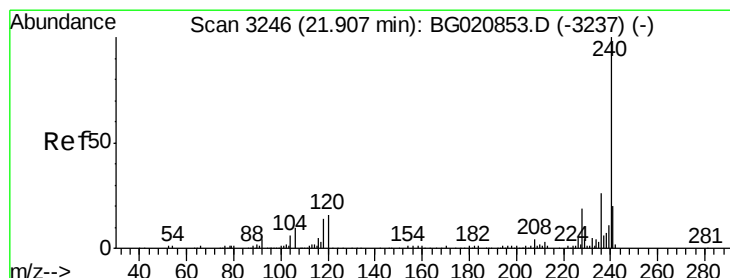
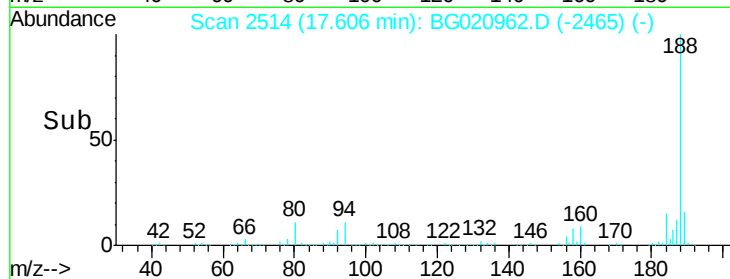
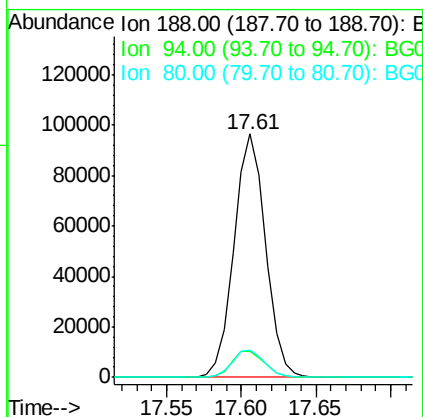
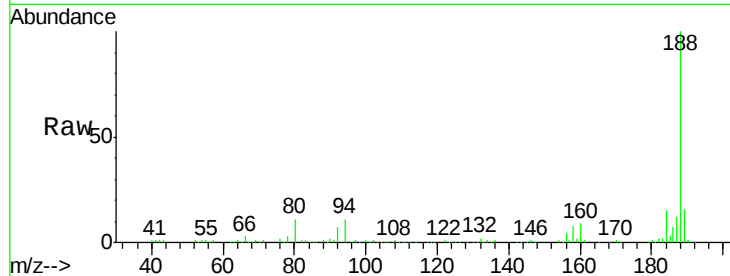




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020962.D
Acq: 19 Feb 2016 8:14

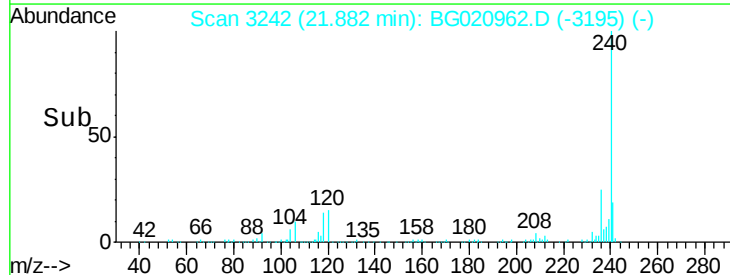
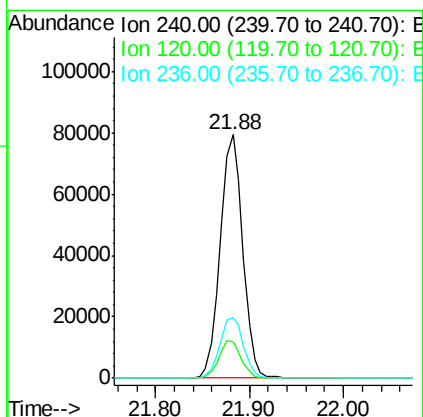
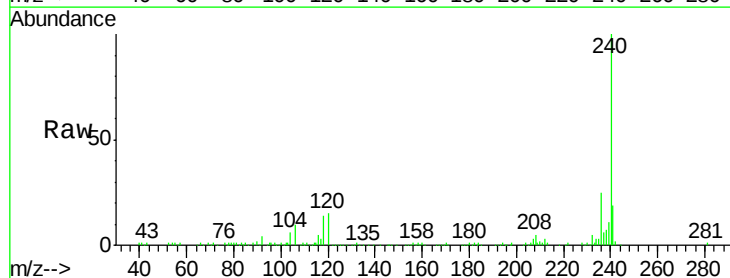
Instrument :
BNA_G
ClientSampleId :
EGR-A-4

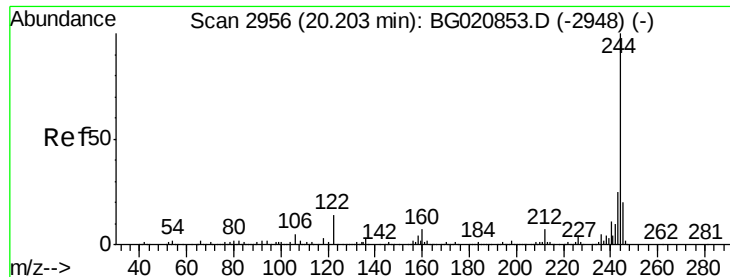
Tot Ion	Ratio	Lower	Upper
188	100		
94	10.9	9.4	14.0
80	11.2	10.2	15.4



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG020962.D
Acq: 19 Feb 2016 8:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.9	13.0	19.4
236	24.7	21.0	31.4





#78

Terphenyl-d14

Concen: 2.76 ng

RT: 20.18 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020962.D

Acq: 19 Feb 2016 8:14

Instrument :

BNA_G

ClientSampleId :

EGR-A-4

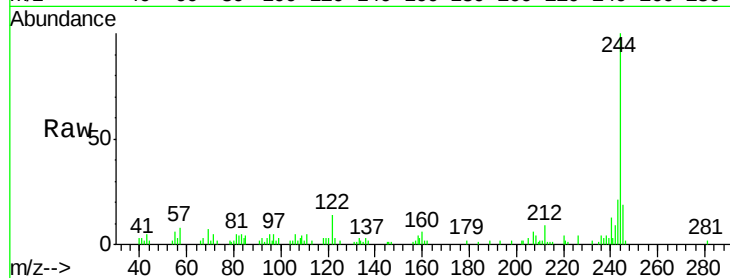
Tot Ion:244 Resp: 15685

Ion Ratio Lower Upper

244 100

212 8.9 5.5 8.3#

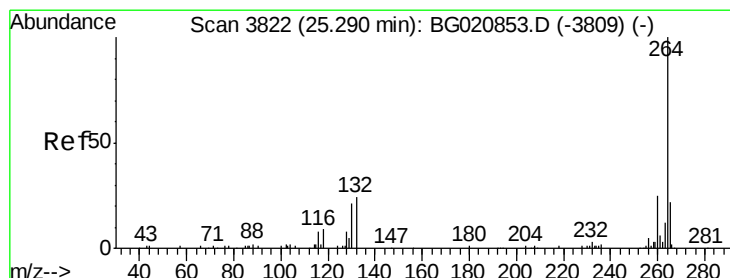
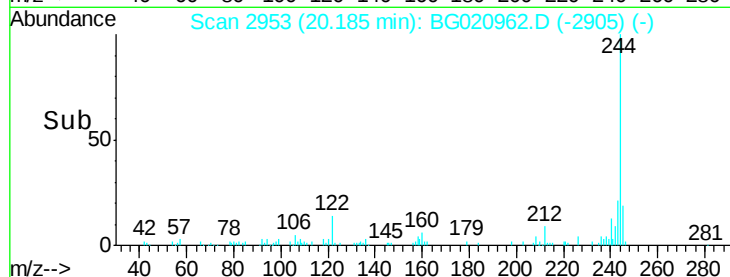
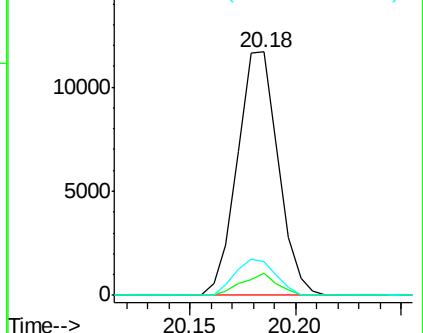
122 14.0 11.4 17.2



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: BG020962.D

Acq: 19 Feb 2016 8:14

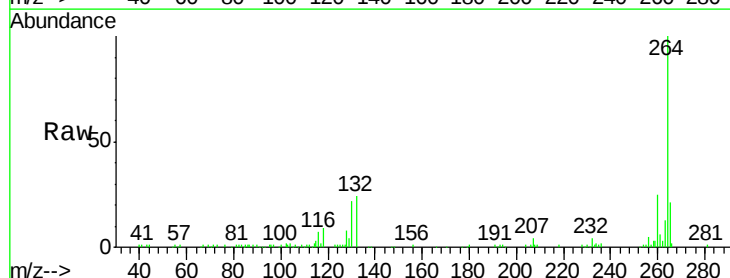
Tgt Ion:264 Resp: 128002

Ion Ratio Lower Upper

264 100

260 25.2 19.9 29.9

265 21.3 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

