

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020948.D
 Acq On : 18 Feb 2016 23:06
 Operator : SJ/UM
 Sample : H1450-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Feb 18 23:50:32 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	21330	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	103783	20.00	ng	-0.02
38) Acenaphthene-d10	14.87	164	65819	20.00	ng	-0.02
63) Phenanthrene-d10	17.61	188	149615	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	135588	20.00	ng	-0.03
86) Perylene-d12	25.24	264	126795	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	85599	67.58	ng	-0.01
7) Phenol-d6	7.40	99	73364	39.63	ng	-0.01
23) Nitrobenzene-d5	9.43	82	159034	100.75	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	120199	185.70	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	470724	100.46	ng	-0.01
78) Terphenyl-d14	20.19	244	625357	107.60	ng	-0.02

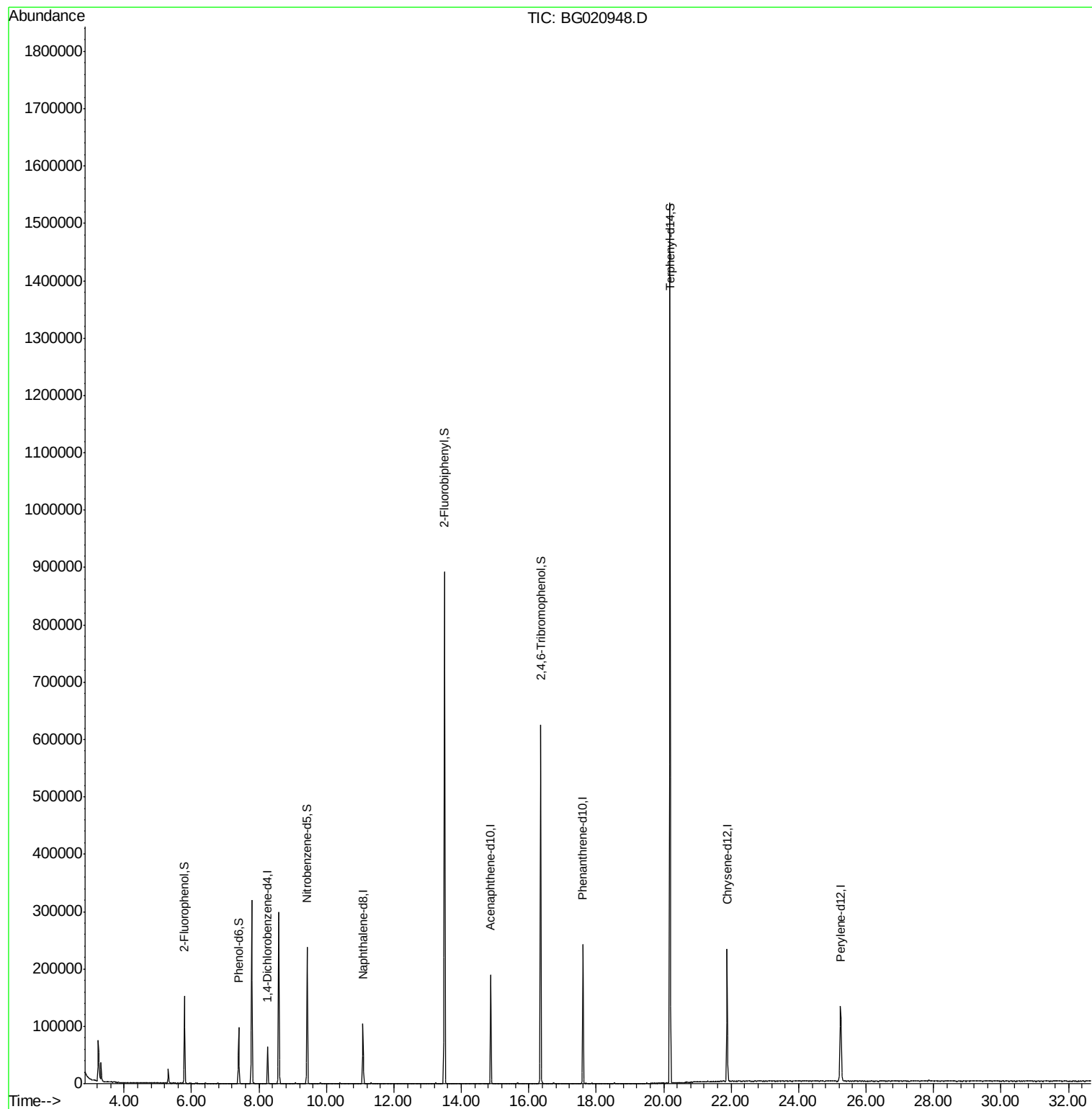
Target Compounds Qvalue

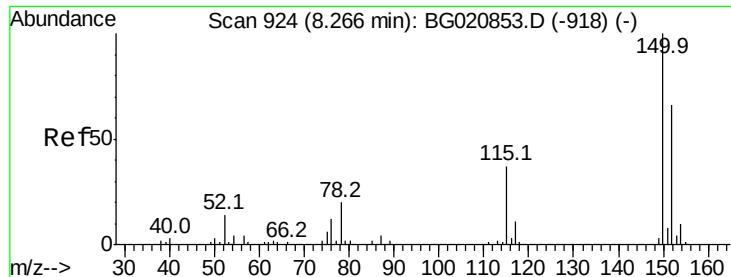
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BG020948.D

Acq: 18 Feb 2016 23:06

Instrument :

BNA_G

ClientSampled :

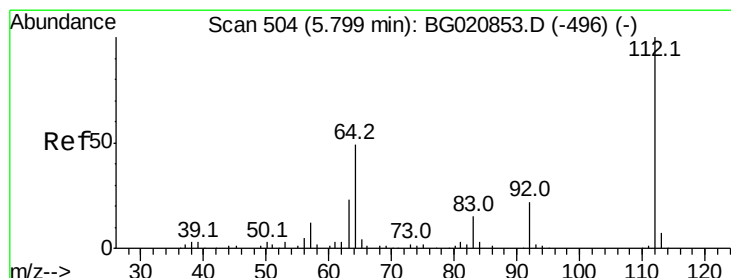
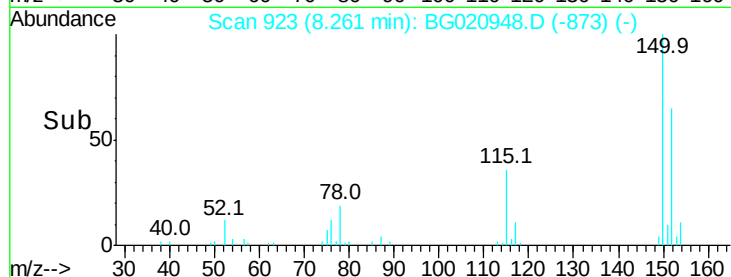
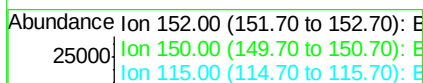
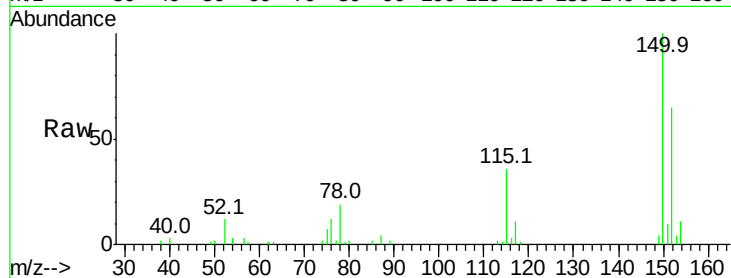
Tot Ion:152 Resp: 21330

Ion Ratio Lower Upper

152 100

150 153.7 122.0 183.0

115 55.8 45.2 67.8



#5

2-Fluorophenol

Concen: 67.58 ng

RT: 5.79 min Scan# 502

Delta R.T. -0.01 min

Lab File: BG020948.D

Acq: 18 Feb 2016 23:06

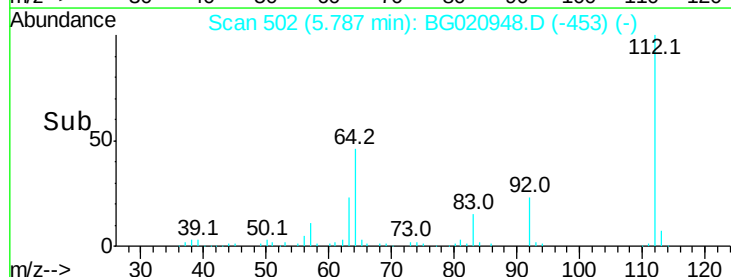
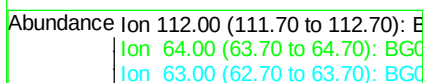
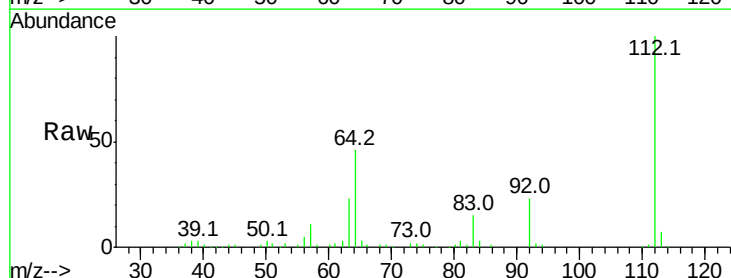
Tgt Ion:112 Resp: 85599

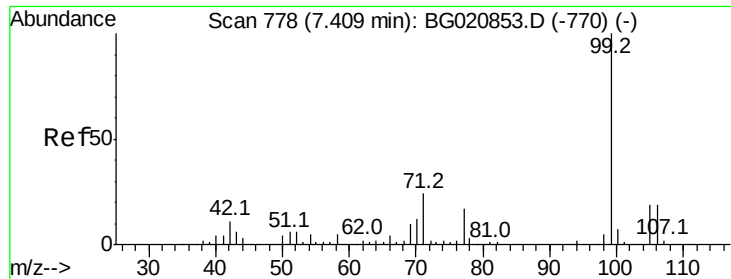
Ion Ratio Lower Upper

112 100

64 45.7 39.3 58.9

63 22.9 18.2 27.4





#7

Phenol-d6

Concen: 39.63 ng

RT: 7.40 min Scan# 776

Delta R.T. -0.01 min

Lab File: BG020948.D

Acq: 18 Feb 2016 23:06

Instrument :

BNA_G

ClientSampleId :

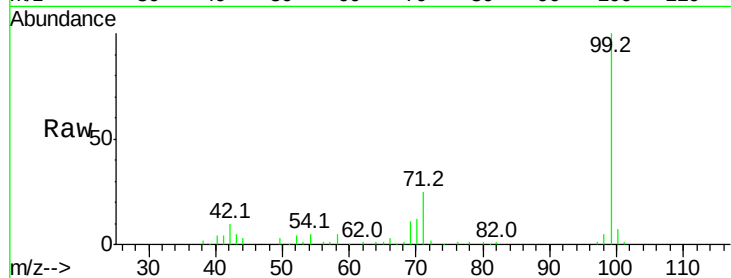
Tot Ion: 99 Resp: 73364

Ion Ratio Lower Upper

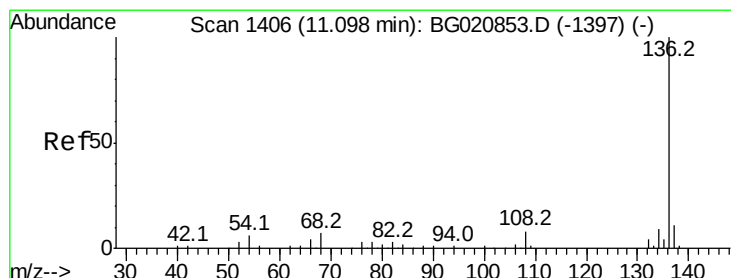
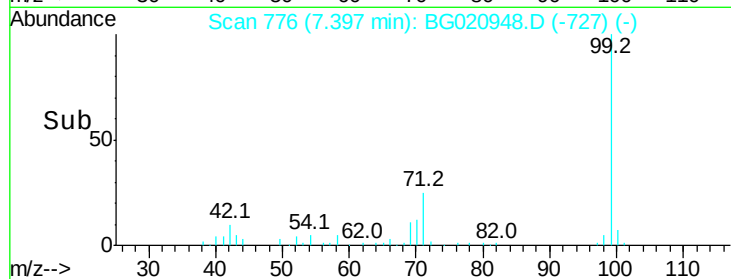
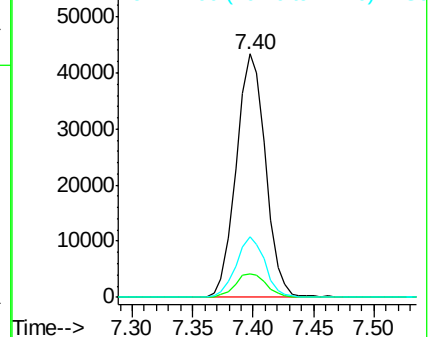
99 100

42 9.8 8.4 12.6

71 24.9 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: BG020948.D

Acq: 18 Feb 2016 23:06

Tgt Ion: 136 Resp: 103783

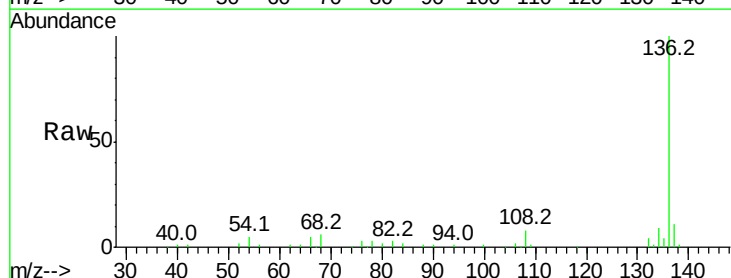
Ion Ratio Lower Upper

136 100

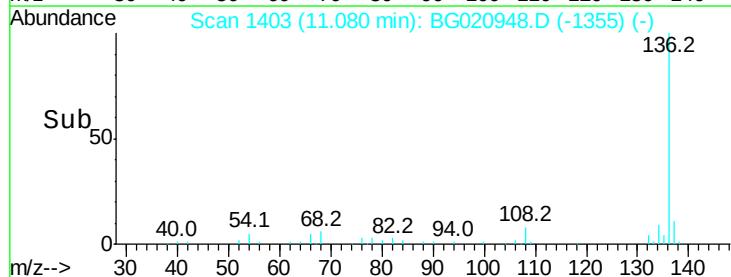
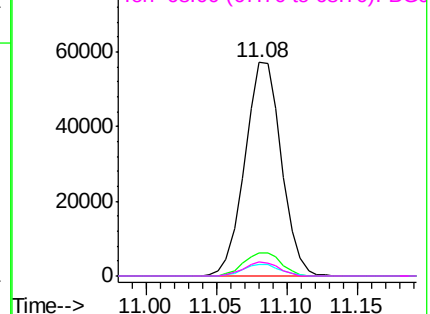
137 11.0 8.8 13.2

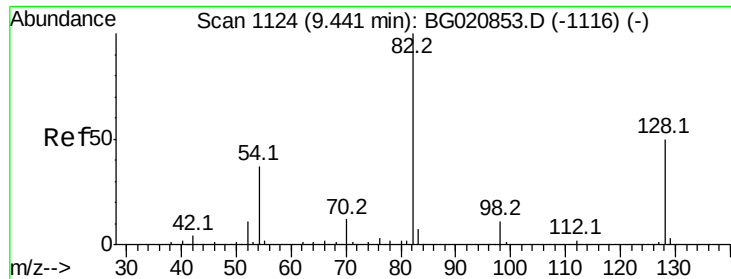
54 5.5 5.0 7.4

68 6.4 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

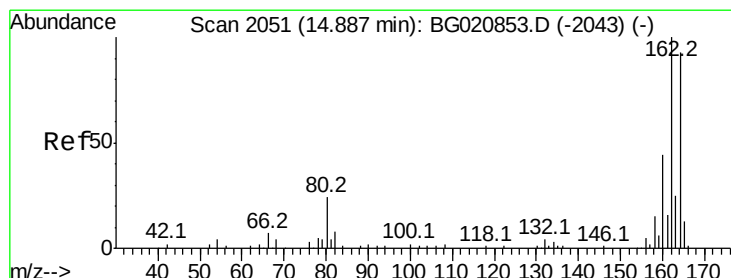
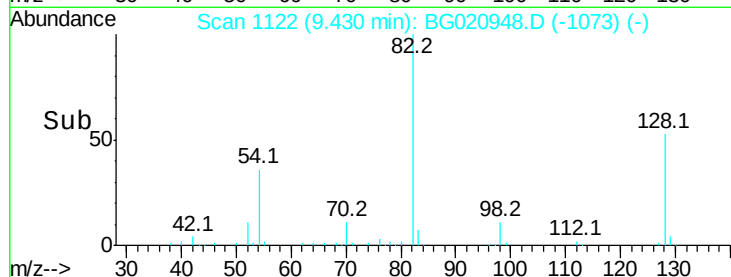
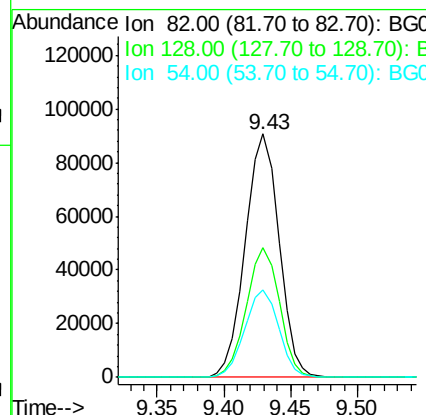
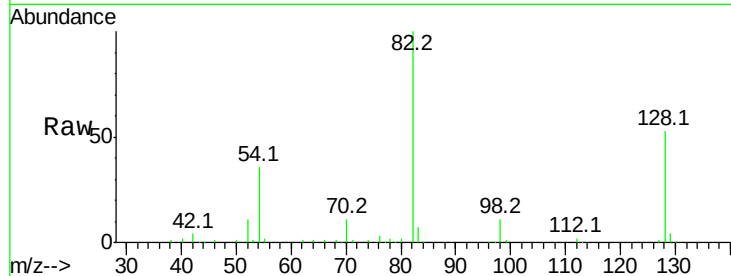




#23
 Nitrobenzene-d5
 Concen: 100.75 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020948.D
 Acq: 18 Feb 2016 23:06

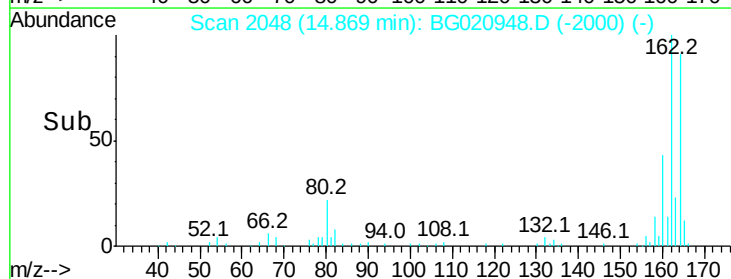
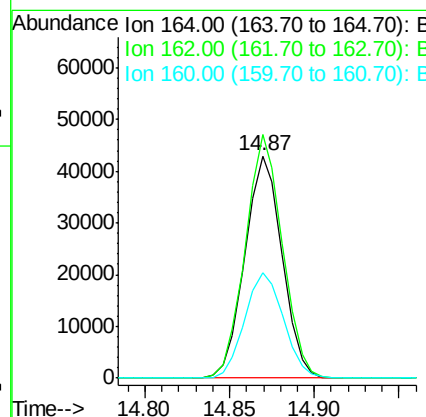
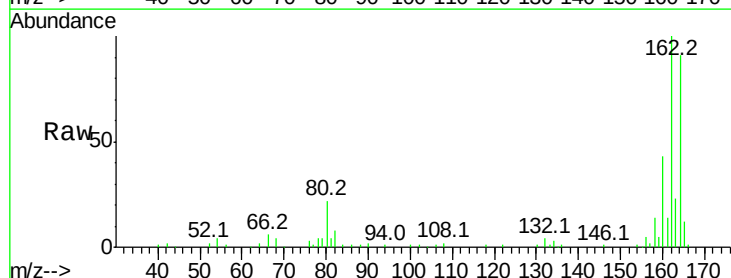
Instrument :
 BNA_G
 ClientSampleId :

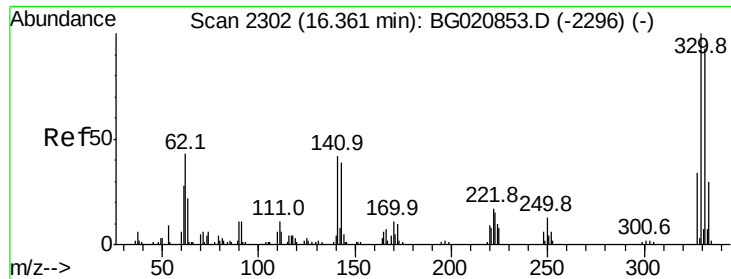
Tot Ion	82	Resp	159034
Ion Ratio	Lower	Upper	
82	100		
128	53.1	40.1	60.1
54	35.8	29.5	44.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2048
 Delta R.T. -0.02 min
 Lab File: BG020948.D
 Acq: 18 Feb 2016 23:06

Tgt Ion	164	Resp	65819
Ion Ratio	Lower	Upper	
164	100		
162	109.6	85.7	128.5
160	47.4	37.4	56.0

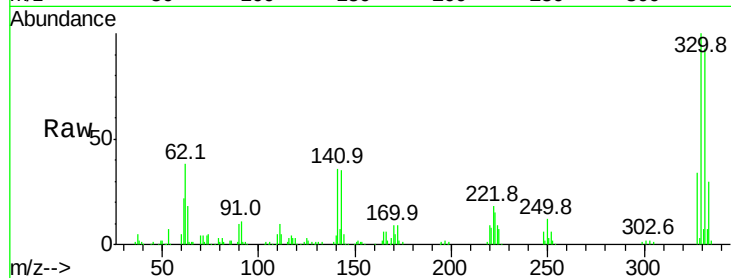




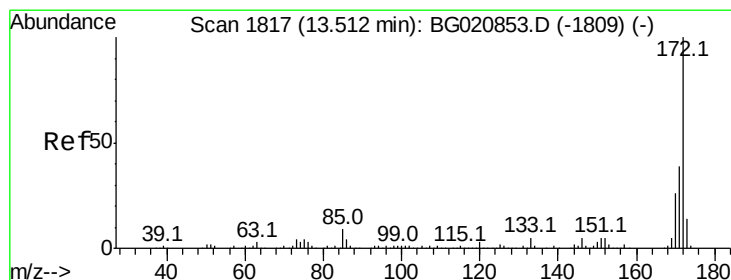
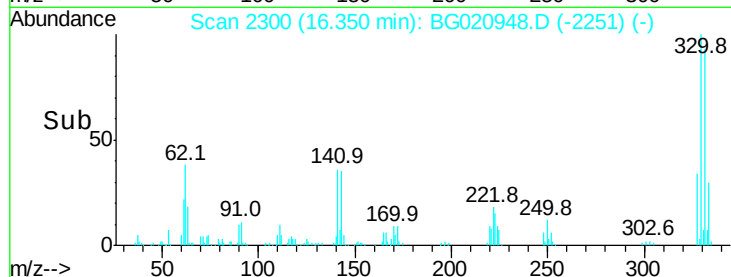
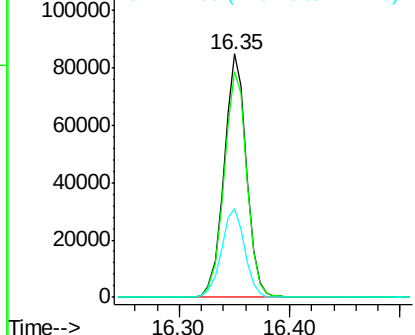
#41
 2,4,6-Tribromophenol
 Concen: 185.70 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020948.D
 Acq: 18 Feb 2016 23:06

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	76.1	114.1
141	37.5	32.0	48.0

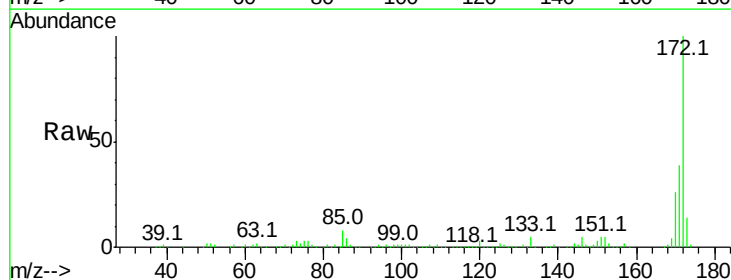


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

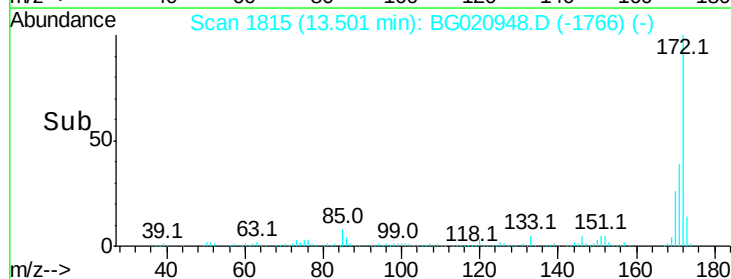
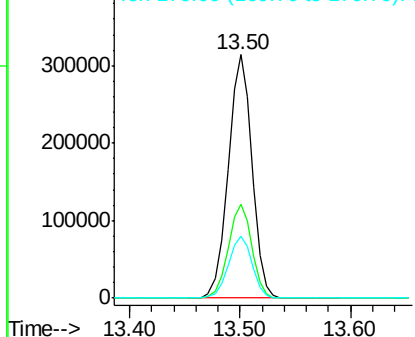


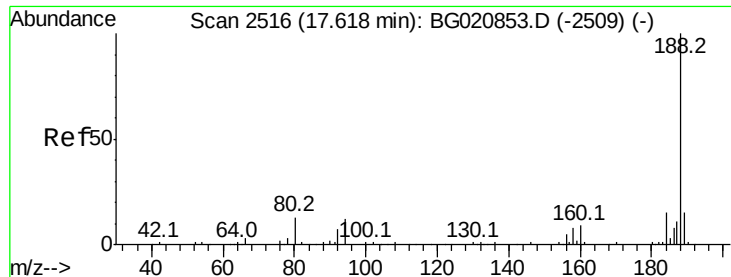
#44
 2-Fluorobiphenyl
 Concen: 100.46 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020948.D
 Acq: 18 Feb 2016 23:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	31.2	46.8
170	25.6	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

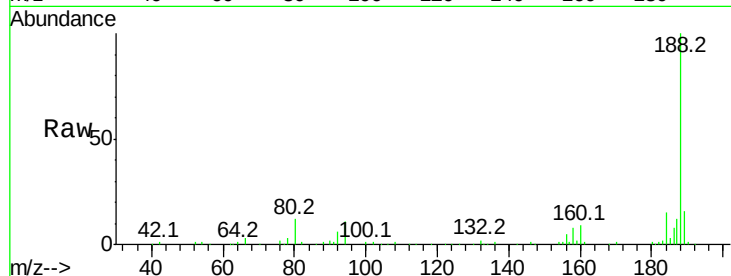




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.61 min Scan# 2514
 Delta R.T. -0.01 min
 Lab File: BG020948.D
 Acq: 18 Feb 2016 23:06

Instrument :
 BNA_G
 ClientSampled :

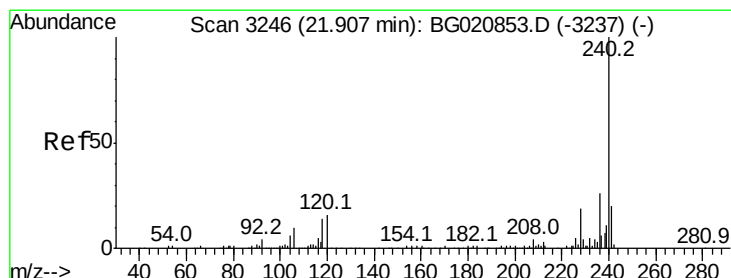
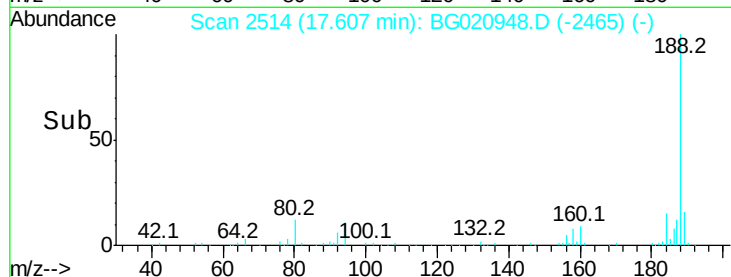
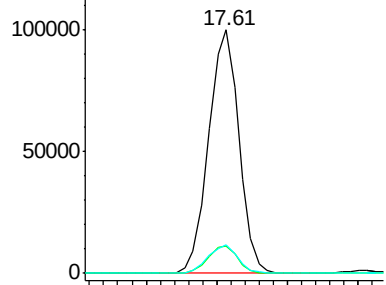
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.3	9.4	14.0
80	11.5	10.2	15.4



Abundance Ion 188.00 (187.70 to 188.70): E

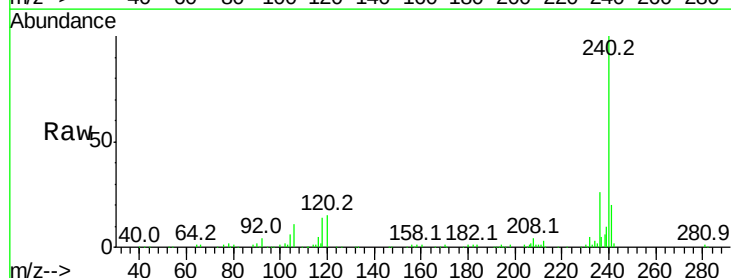
Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.88 min Scan# 3241
 Delta R.T. -0.03 min
 Lab File: BG020948.D
 Acq: 18 Feb 2016 23:06

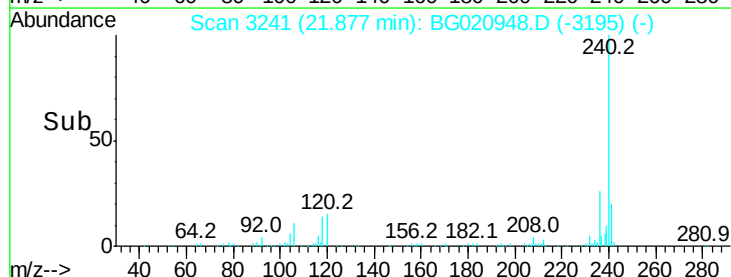
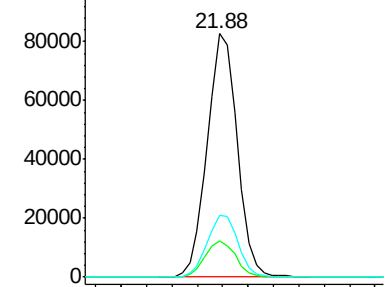
Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.6	13.0	19.4
236	25.7	21.0	31.4

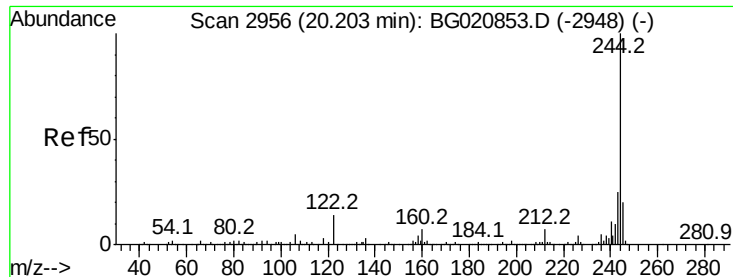


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.60 ng

RT: 20.19 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020948.D

Acq: 18 Feb 2016 23:06

Instrument :

BNA_G

ClientSampleId :

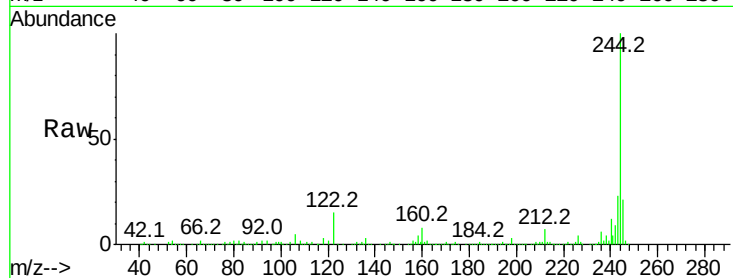
Tot Ion:244 Resp: 625357

Ion Ratio Lower Upper

244 100

212 7.3 5.5 8.3

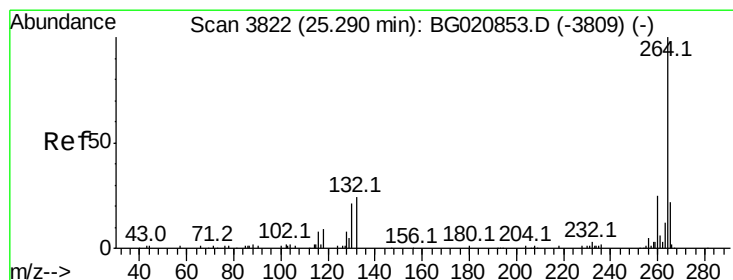
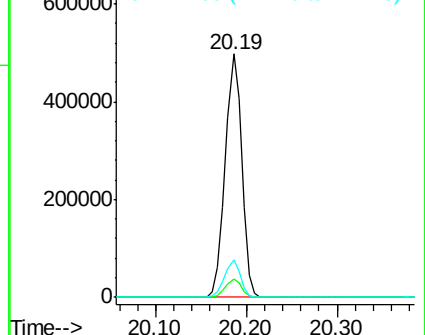
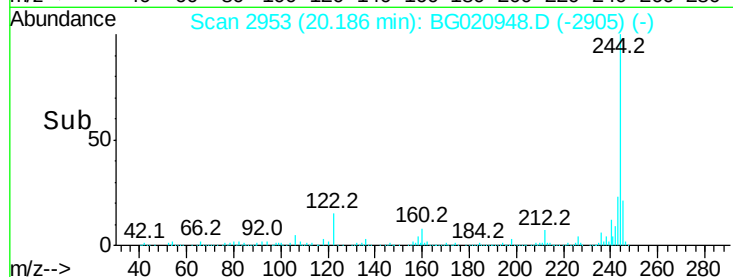
122 15.2 11.4 17.2



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: 25.24 min Scan# 3814

Delta R.T. -0.05 min

Lab File: BG020948.D

Acq: 18 Feb 2016 23:06

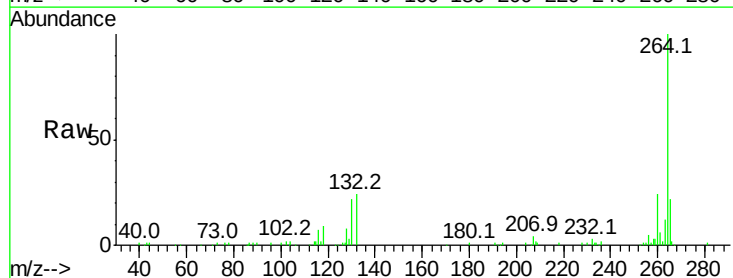
Tgt Ion:264 Resp: 126795

Ion Ratio Lower Upper

264 100

260 23.9 19.9 29.9

265 22.1 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

