

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021816\
 Data File : BG020939.D
 Acq On : 18 Feb 2016 17:14
 Operator : SJ/UM
 Sample : PB88392BL
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB88392BL

Quant Time: Feb 18 23:46:59 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	15880	20.00	ng	0.00
21) Naphthalene-d8	11.08	136	76490	20.00	ng	-0.01
38) Acenaphthene-d10	14.87	164	52219	20.00	ng	-0.01
63) Phenanthrene-d10	17.61	188	129238	20.00	ng	-0.01
75) Chrysene-d12	21.88	240	118296	20.00	ng	-0.02
86) Perylene-d12	25.25	264	109577	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.79	112	131513	139.47	ng	0.00
7) Phenol-d6	7.40	99	179899	130.53	ng	0.00
23) Nitrobenzene-d5	9.43	82	95340	81.95	ng	-0.01
41) 2,4,6-Tribromophenol	16.35	330	75859	147.72	ng	-0.01
44) 2-Fluorobiphenyl	13.50	172	276580	74.40	ng	-0.01
78) Terphenyl-d14	20.18	244	427123	84.23	ng	-0.02

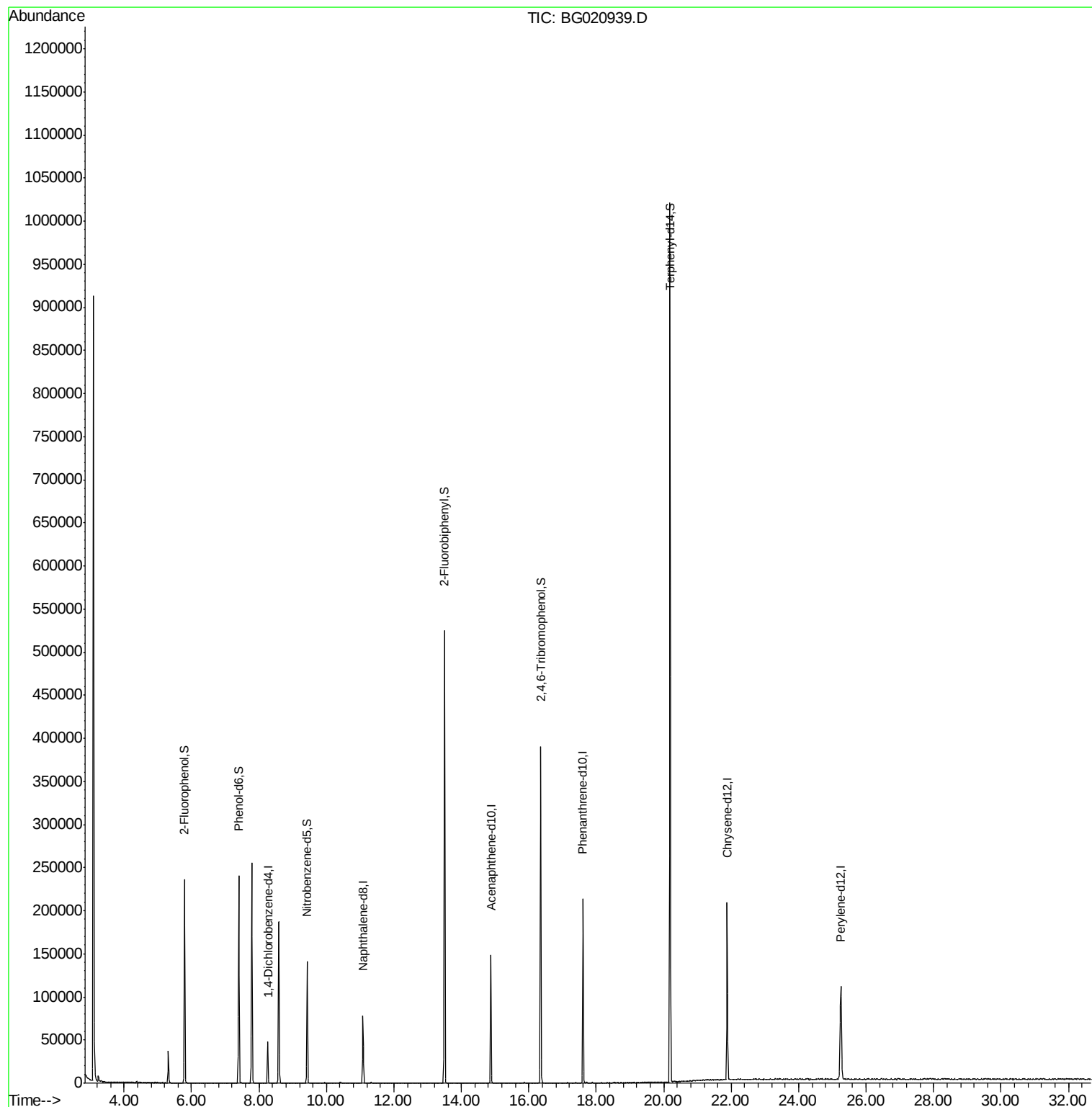
Target Compounds Qvalue

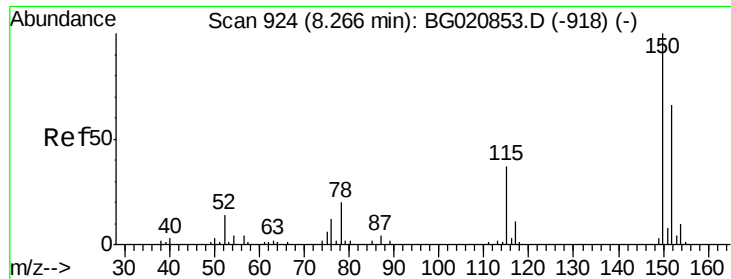
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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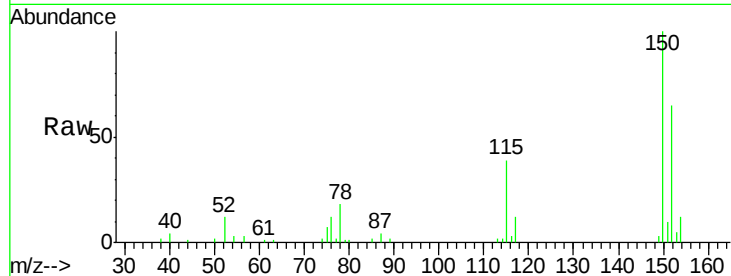


#1

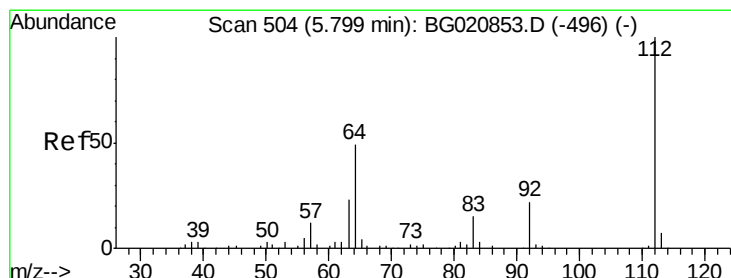
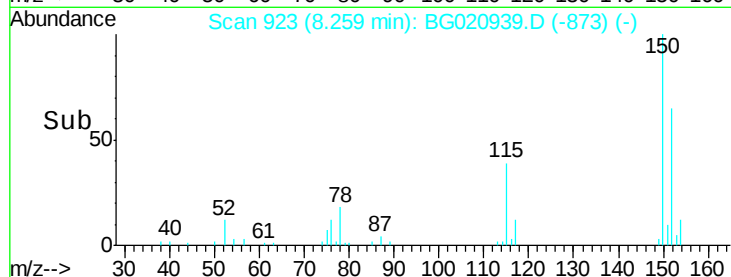
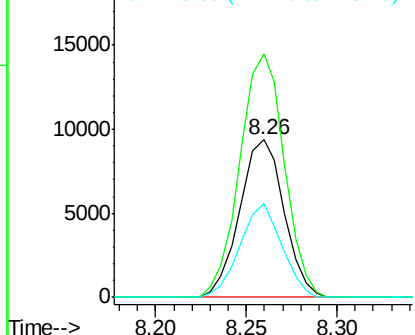
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.26 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG020939.D
Acq: 18 Feb 2016 17:14

Instrument :
BNA_G
ClientSampleId :
PB88392BL

Tot Ion:152 Resp: 15880
Ion Ratio Lower Upper
152 100
150 154.3 122.0 183.0
115 59.7 45.2 67.8



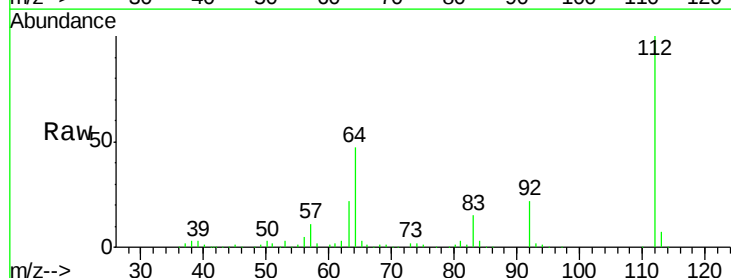
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



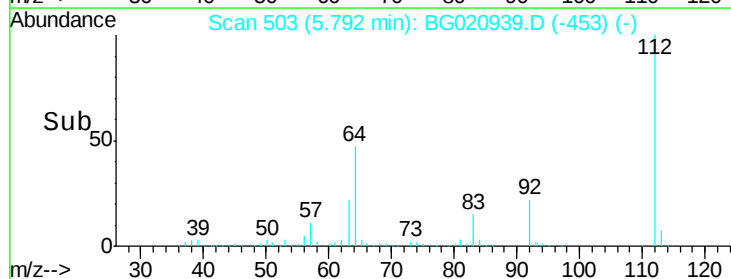
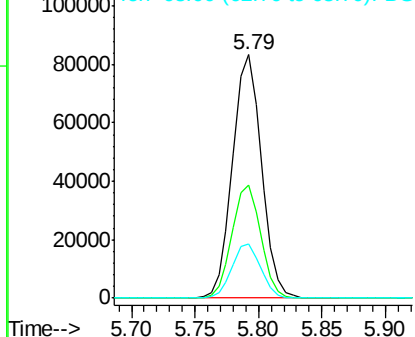
#5

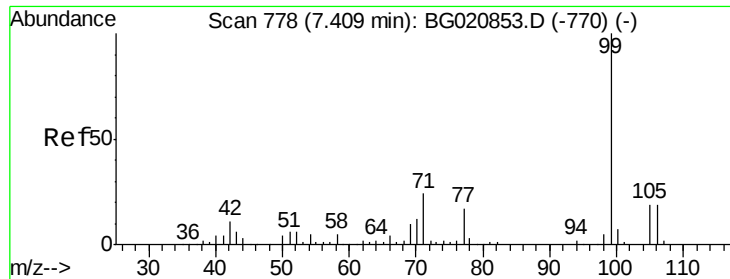
2-Fluorophenol
Concen: 139.47 ng
RT: 5.79 min Scan# 503
Delta R.T. -0.01 min
Lab File: BG020939.D
Acq: 18 Feb 2016 17:14

Tgt Ion:112 Resp: 131513
Ion Ratio Lower Upper
112 100
64 46.7 39.3 58.9
63 22.3 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: 130.53 ng

RT: 7.40 min Scan# 777

Delta R.T. -0.01 min

Lab File: BG020939.D

Acq: 18 Feb 2016 17:14

Instrument :

BNA_G

ClientSampleId :

PB88392BL

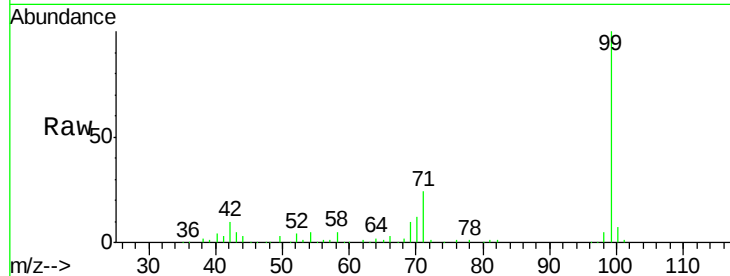
Tot Ion: 99 Resp: 179899

Ion Ratio Lower Upper

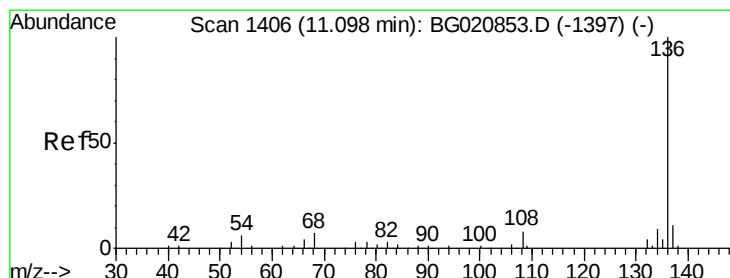
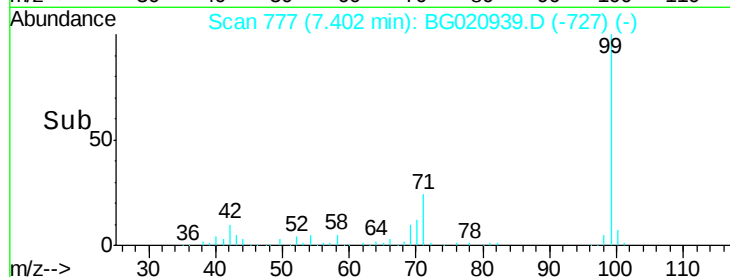
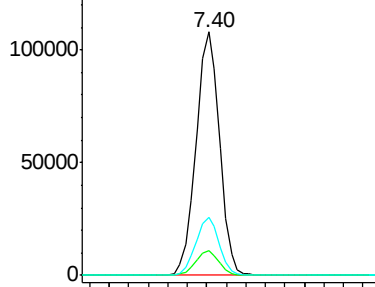
99 100

42 10.4 8.4 12.6

71 23.8 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: BG020939.D

Acq: 18 Feb 2016 17:14

Tgt Ion: 136 Resp: 76490

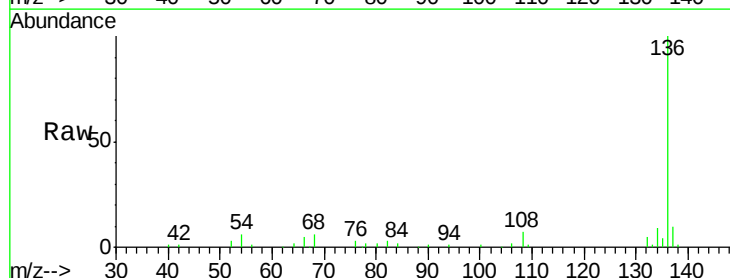
Ion Ratio Lower Upper

136 100

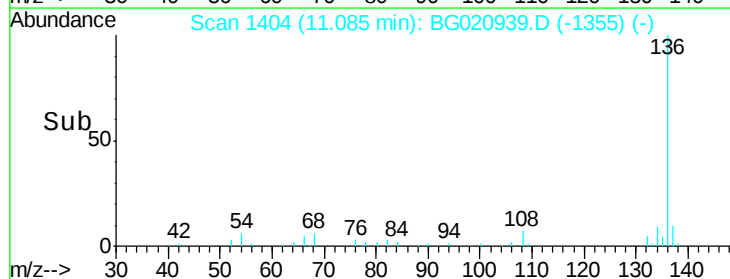
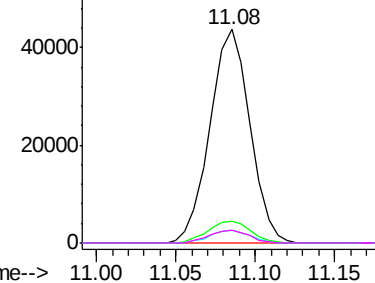
137 10.4 8.8 13.2

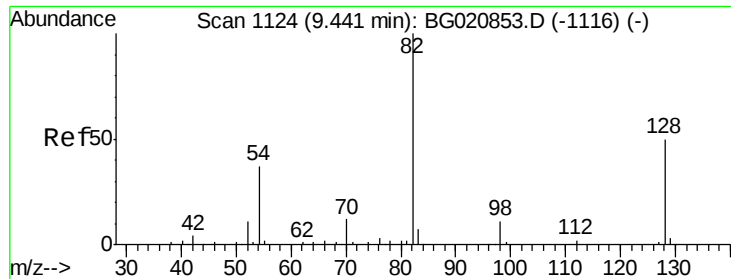
54 5.7 5.0 7.4

68 5.8 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

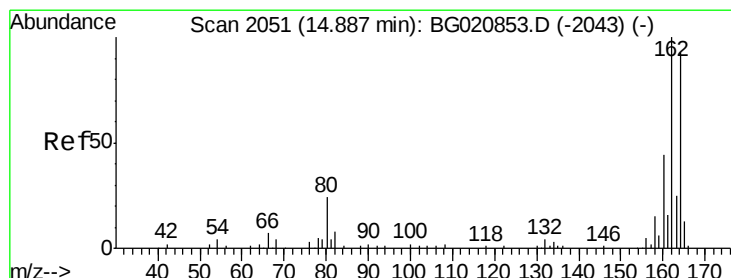
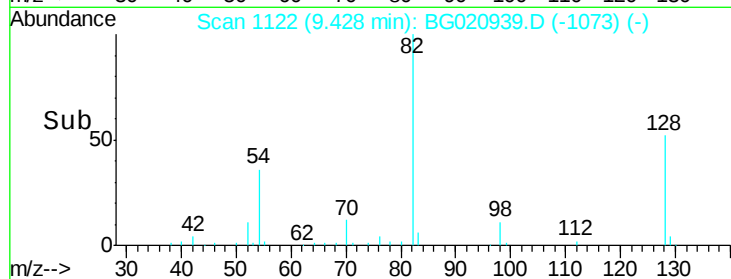
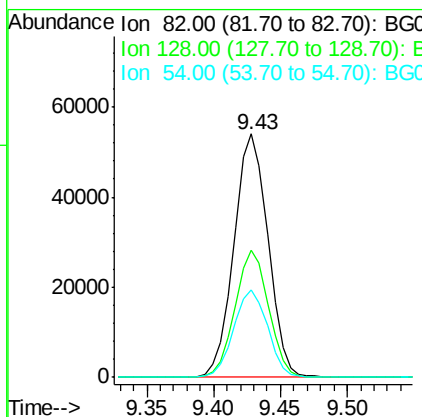
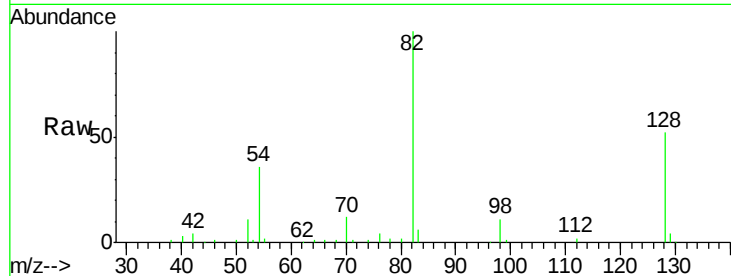




#23
 Nitrobenzene-d5
 Concen: 81.95 ng
 RT: 9.43 min Scan# 1122
 Delta R.T. -0.01 min
 Lab File: BG020939.D
 Acq: 18 Feb 2016 17:14

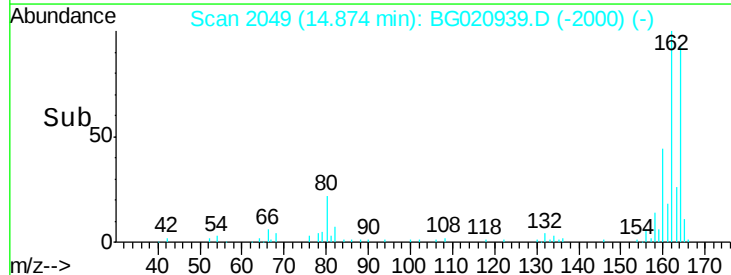
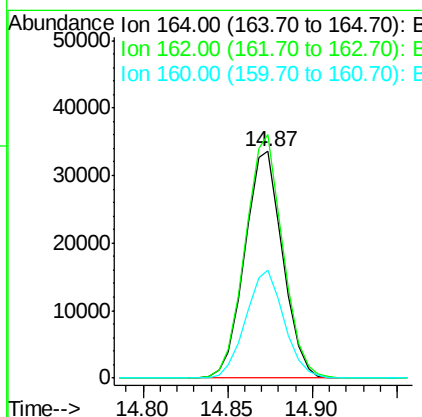
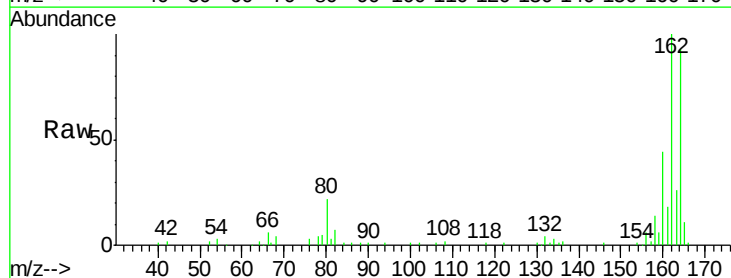
Instrument :
 BNA_G
 ClientSampled :
 PB88392BL

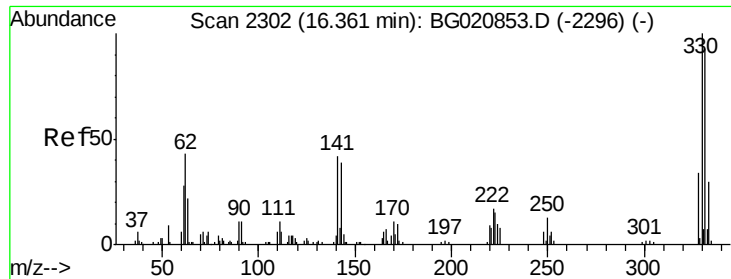
Tot Ion	82	Resp	95340
Ion Ratio	100	Lower	Upper
128	52.3	40.1	60.1
54	36.1	29.5	44.3



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.87 min Scan# 2049
 Delta R.T. -0.01 min
 Lab File: BG020939.D
 Acq: 18 Feb 2016 17:14

Tgt Ion	164	Resp	52219
Ion Ratio	100	Lower	Upper
162	107.3	85.7	128.5
160	47.4	37.4	56.0

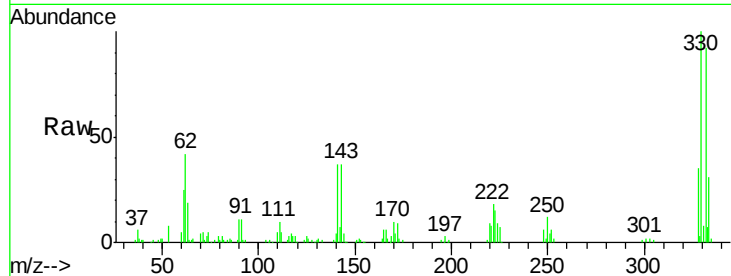




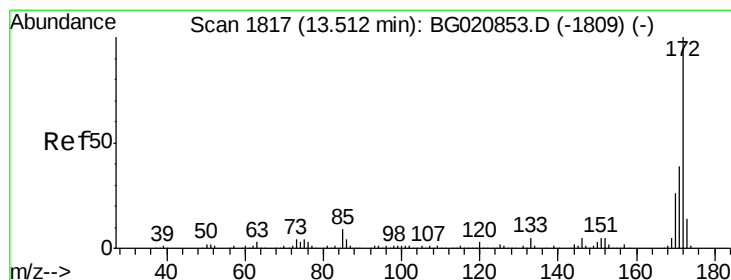
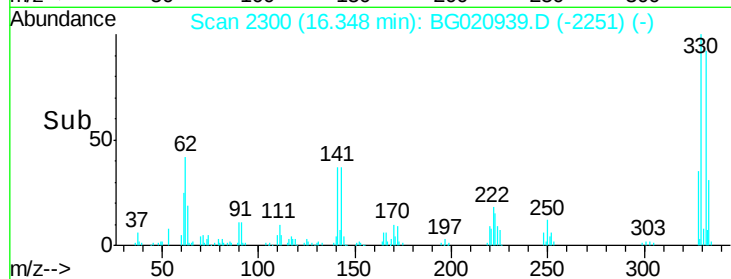
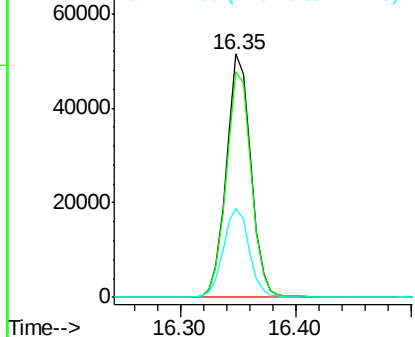
#41
 2,4,6-Tribromophenol
 Concen: 147.72 ng
 RT: 16.35 min Scan# 2300
 Delta R.T. -0.01 min
 Lab File: BG020939.D
 Acq: 18 Feb 2016 17:14

Instrument :
 BNA_G
 ClientSampleId :
 PB88392BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	76.1	114.1
141	38.0	32.0	48.0

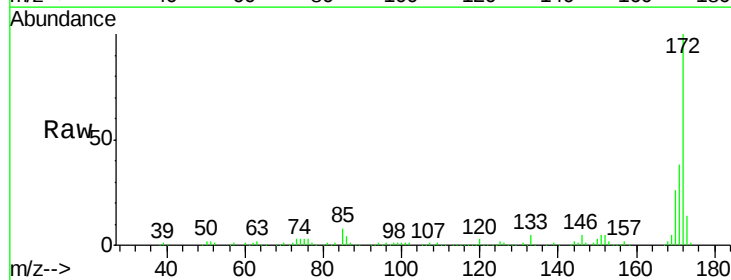


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

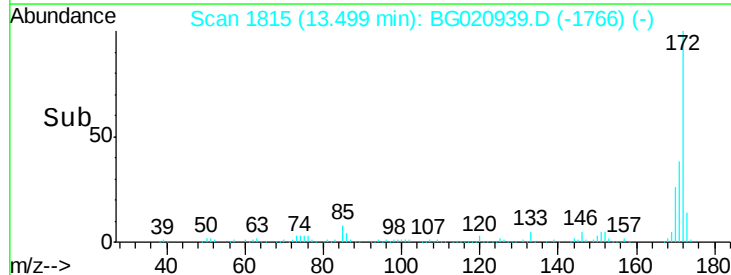
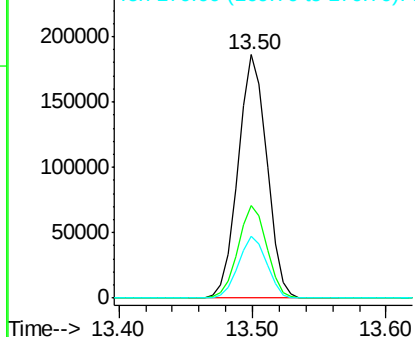


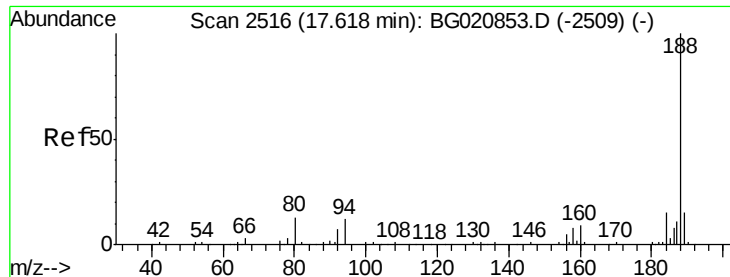
#44
 2-Fluorobiphenyl
 Concen: 74.40 ng
 RT: 13.50 min Scan# 1815
 Delta R.T. -0.01 min
 Lab File: BG020939.D
 Acq: 18 Feb 2016 17:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	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

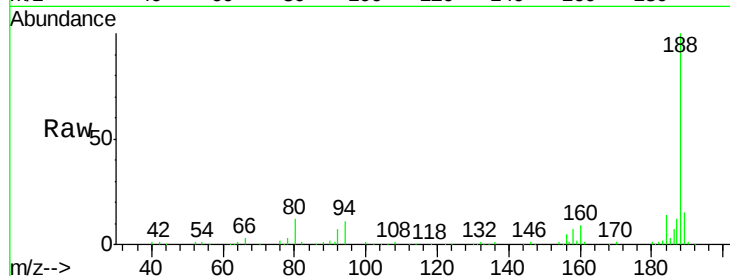




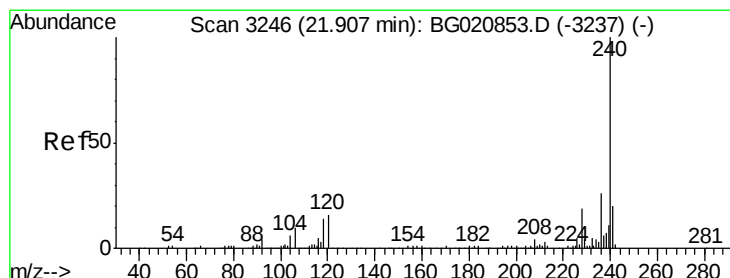
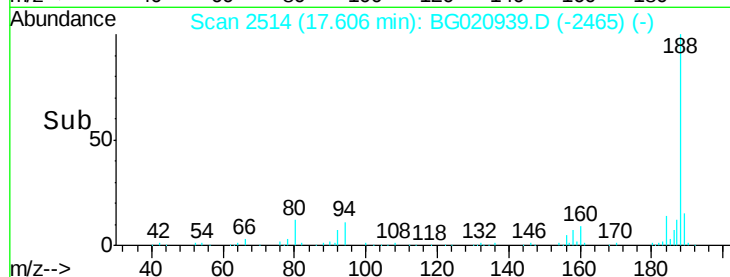
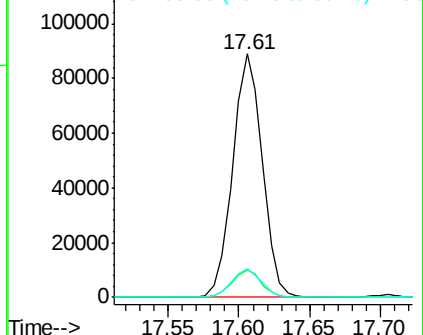
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.61 min Scan# 2514
Delta R.T. -0.01 min
Lab File: BG020939.D
Acq: 18 Feb 2016 17:14

Instrument :
BNA_G
ClientSampleId :
PB88392BL

Tot Ion	Ratio	Lower	Upper
188	100		
94	11.0	9.4	14.0
80	11.7	10.2	15.4

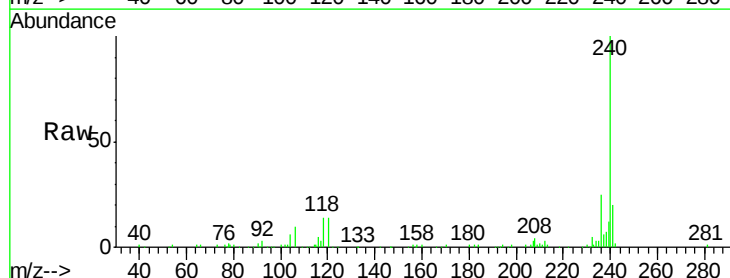


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BG
Ion 80.00 (79.70 to 80.70): BG

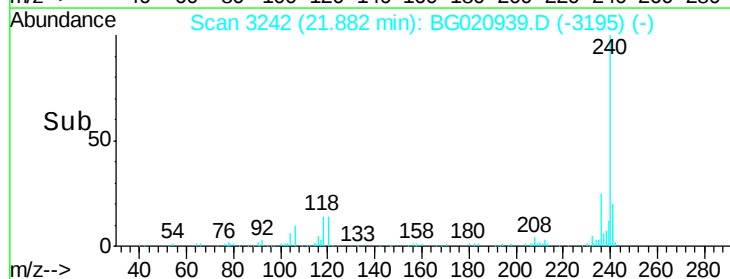
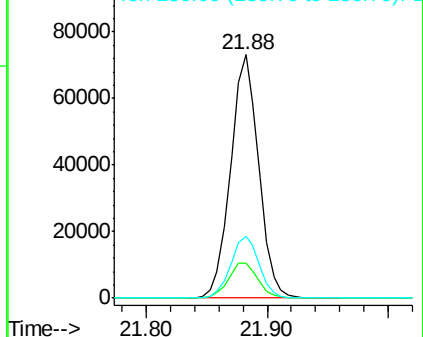


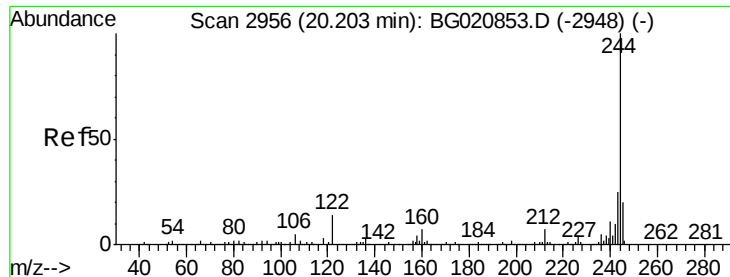
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.88 min Scan# 3242
Delta R.T. -0.02 min
Lab File: BG020939.D
Acq: 18 Feb 2016 17:14

Tgt Ion	Ratio	Lower	Upper
240	100		
120	14.3	13.0	19.4
236	25.2	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: 84.23 ng

RT: 20.18 min Scan# 2953

Delta R.T. -0.02 min

Lab File: BG020939.D

Acq: 18 Feb 2016 17:14

Instrument :

BNA_G

ClientSampleID :

PB88392BL

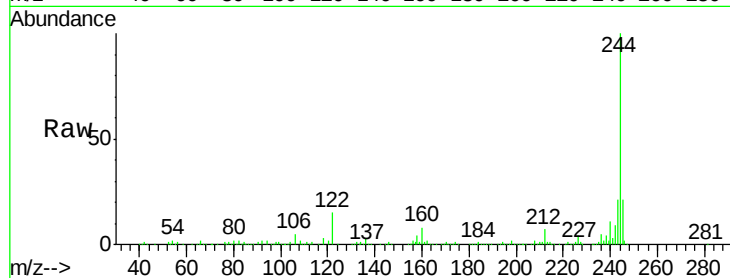
Tot Ion:244 Resp: 427123

Ion Ratio Lower Upper

244 100

212 6.7 5.5 8.3

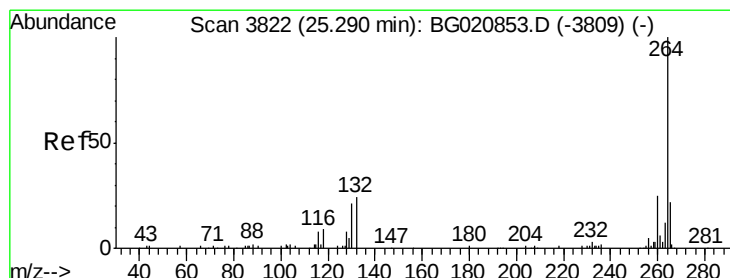
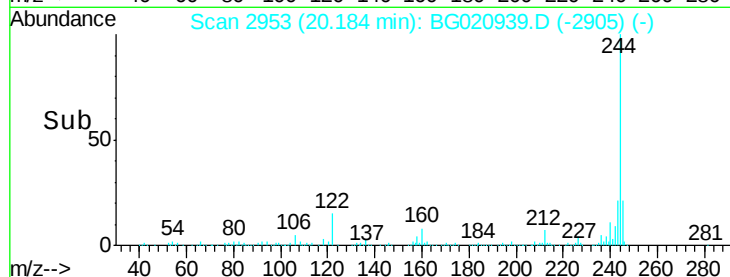
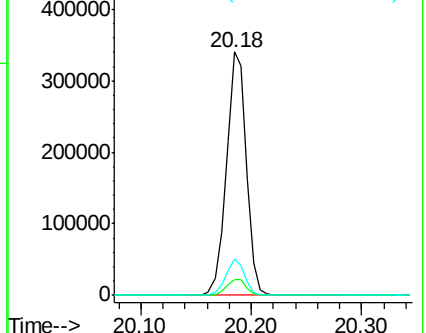
122 14.7 11.4 17.2



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: BG020939.D

Acq: 18 Feb 2016 17:14

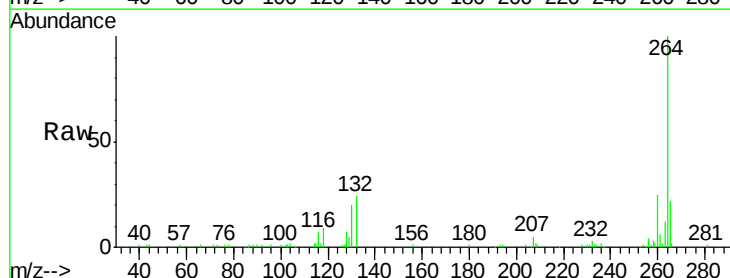
Tgt Ion:264 Resp: 109577

Ion Ratio Lower Upper

264 100

260 24.8 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

