

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091616\
 Data File : BG024004.D
 Acq On : 16 Sep 2016 21:53
 Operator : UM/SJ
 Sample : H4813-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SB-3

Quant Time: Sep 17 00:47:06 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 17 00:17:46 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	40966	20.00	ng	0.00
21) Naphthalene-d8	10.89	136	182632	20.00	ng	0.00
38) Acenaphthene-d10	14.73	164	156894	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	358421	20.00	ng	0.00
75) Chrysene-d12	21.80	240	452946	20.00	ng	0.00
86) Perylene-d12	25.15	264	449379	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	185539	79.52	ng	0.00
7) Phenol-d6	7.22	99	172490	48.02	ng	0.00
23) Nitrobenzene-d5	9.24	82	446242	109.08	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	354703	125.48	ng	0.00
44) 2-Fluorobiphenyl	13.34	172	928983	84.89	ng	0.00
78) Terphenyl-d14	20.10	244	1754591	88.22	ng	0.00

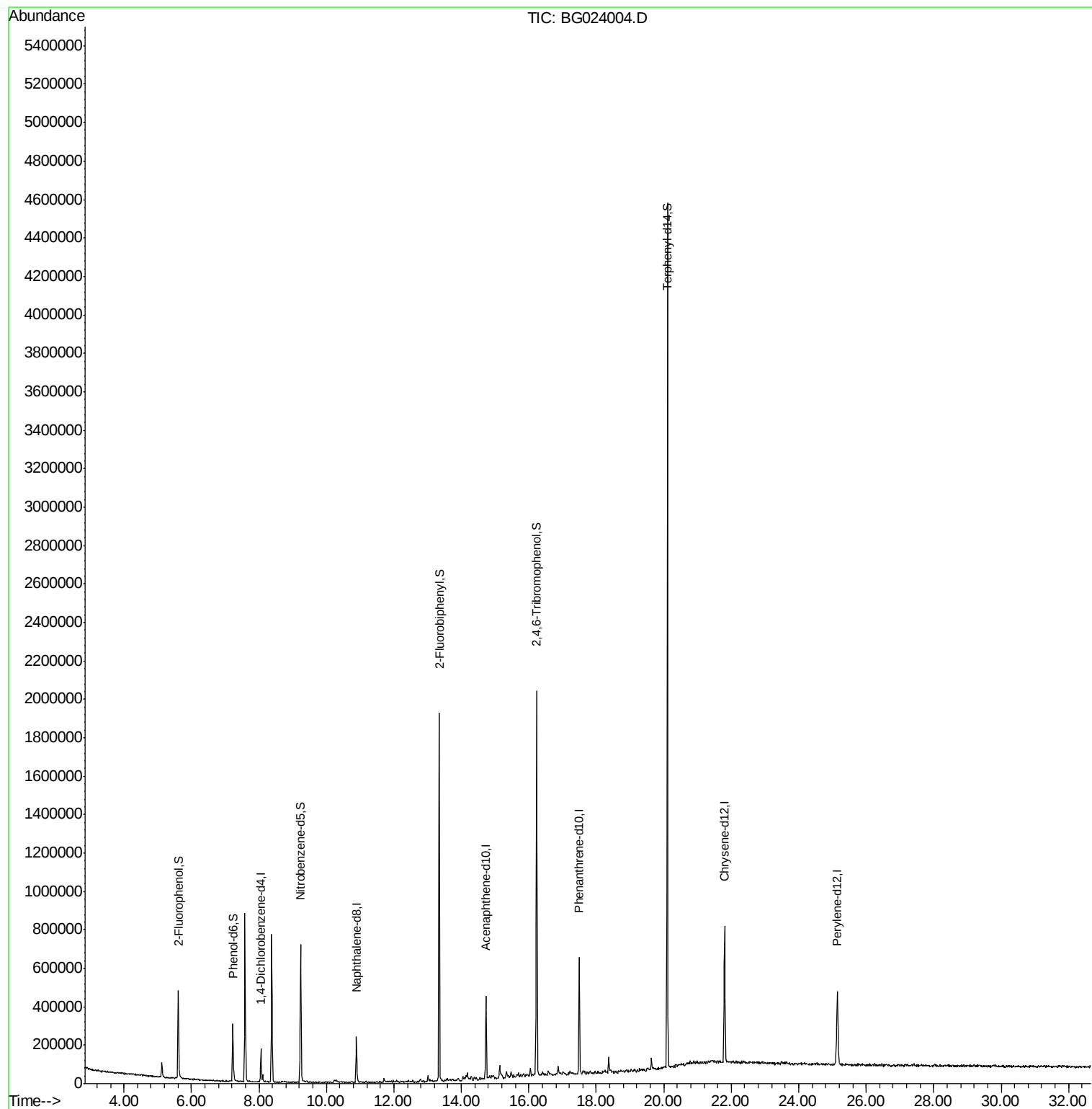
Target Compounds Qvalue

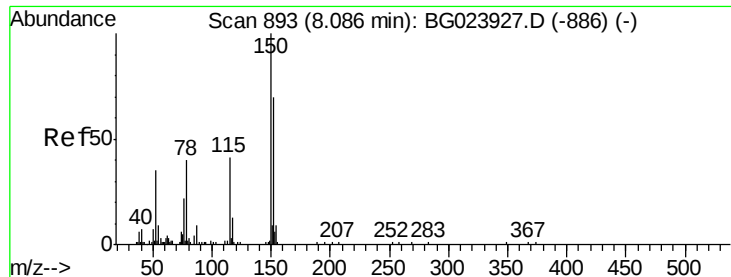
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.06 min Scan# 888

Delta R.T. 0.00 min

Lab File: BG024004.D

Acq: 16 Sep 2016 21:53

Instrument :

BNA_G

ClientSampled :

SB-3

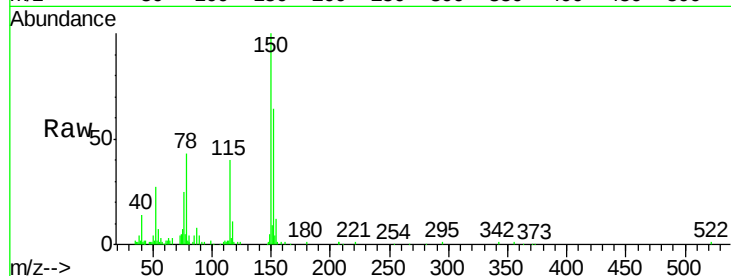
Tot Ion:152 Resp: 40966

Ion Ratio Lower Upper

152 100

150 155.8 144.7 217.1

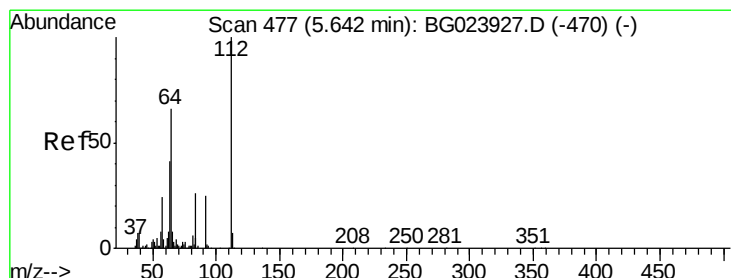
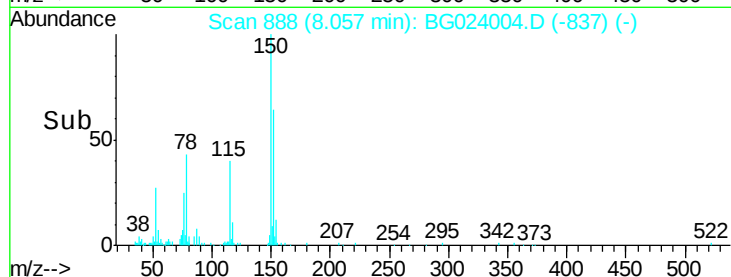
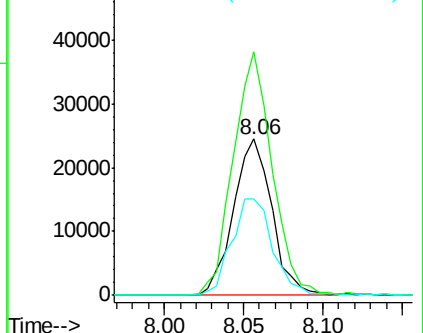
115 61.6 64.0 96.0#



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: 79.52 ng

RT: 5.61 min Scan# 471

Delta R.T. 0.01 min

Lab File: BG024004.D

Acq: 16 Sep 2016 21:53

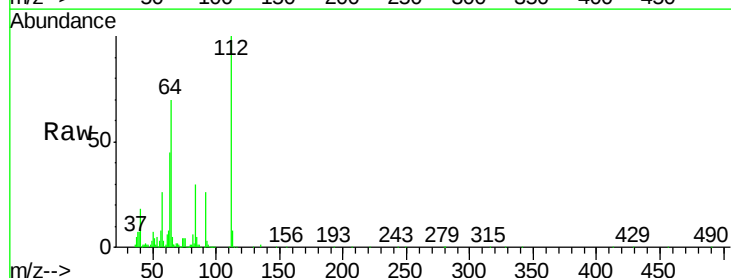
Tgt Ion:112 Resp: 185539

Ion Ratio Lower Upper

112 100

64 70.5 59.0 88.4

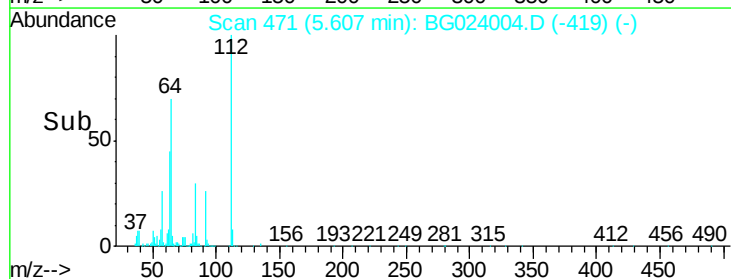
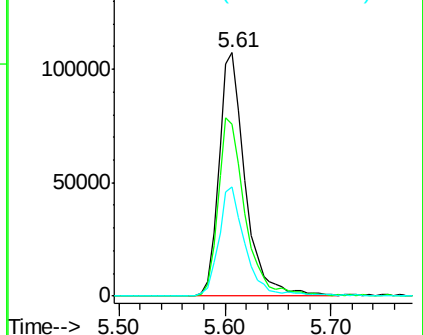
63 45.0 37.8 56.8

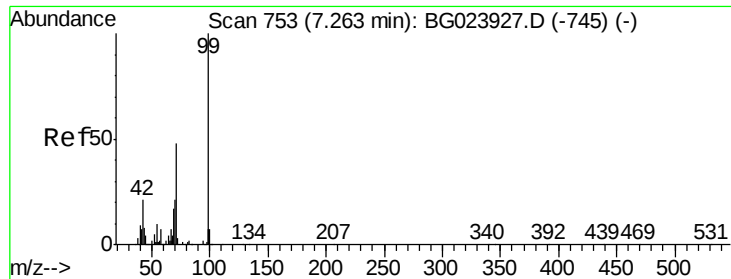


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 48.02 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG024004.D

Acq: 16 Sep 2016 21:53

Instrument :

BNA_G

ClientSampleId :

SB-3

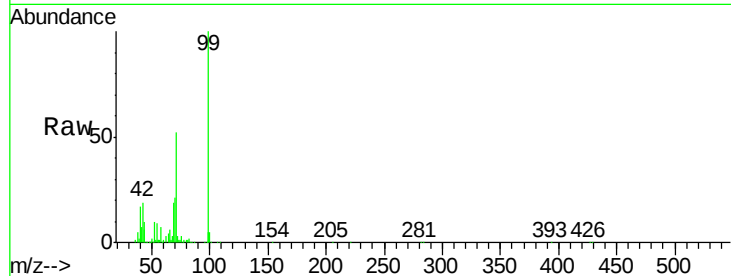
Tot Ion: 99 Resp: 172490

Ion	Ratio	Lower	Upper
99	100		
42	19.2	17.8	26.6
71	52.3	41.5	62.3

99 100

42 19.2 17.8 26.6

71 52.3 41.5 62.3

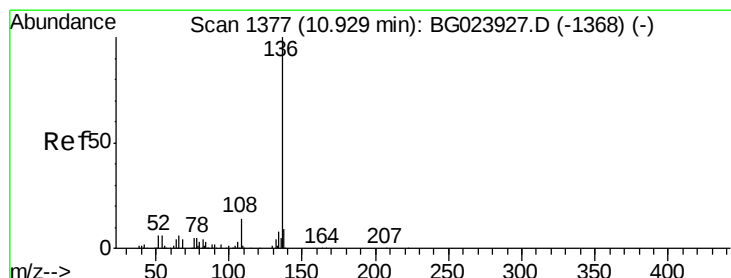
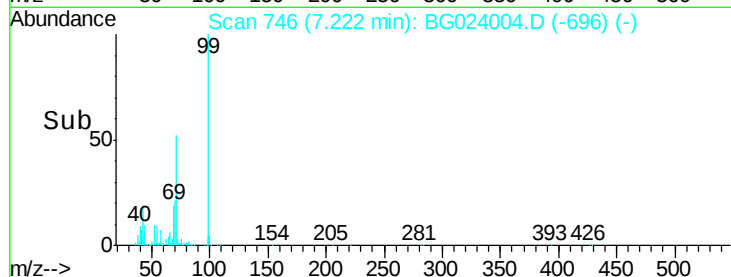
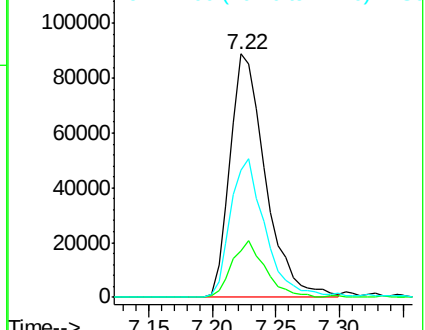


Abundance

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: 10.89 min Scan# 1370

Delta R.T. 0.00 min

Lab File: BG024004.D

Acq: 16 Sep 2016 21:53

Tgt Ion: 136 Resp: 182632

Ion	Ratio	Lower	Upper
136	100		
137	12.2	9.6	14.4
54	10.5	7.3	10.9
68	5.6	5.3	7.9

136 100

137 12.2 9.6 14.4

54 10.5 7.3 10.9

68 5.6 5.3 7.9

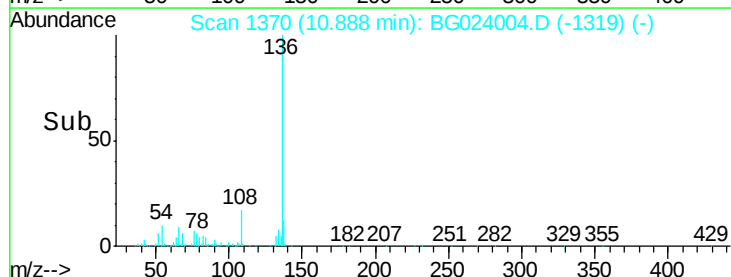
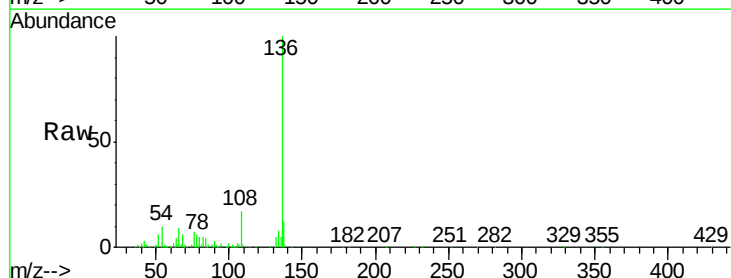
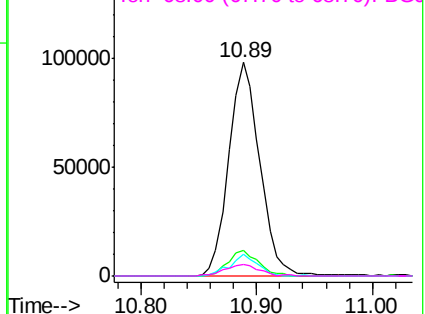
Abundance

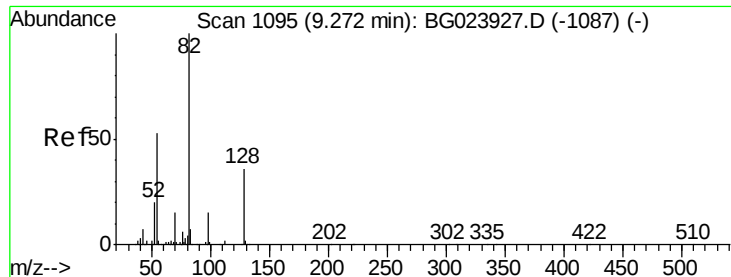
Ion 136.00 (135.70 to 136.70): BGC

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

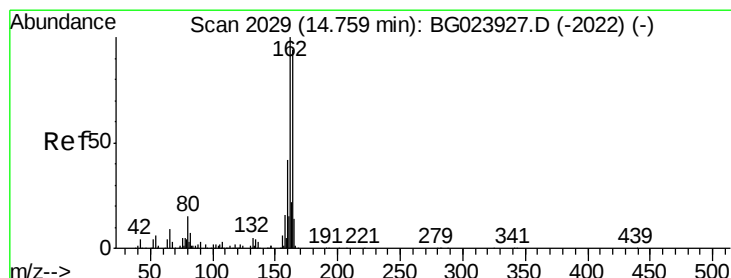
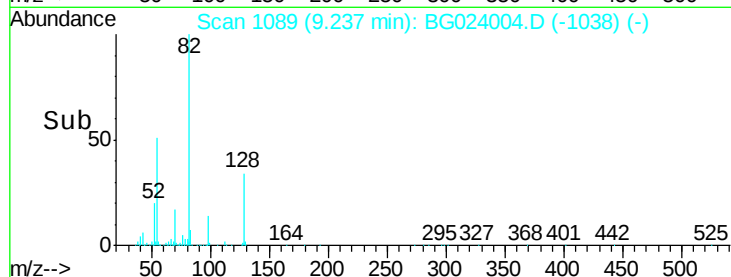
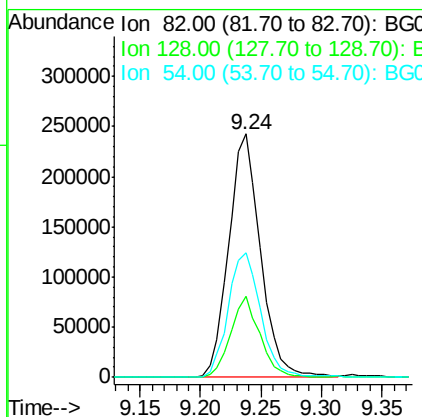
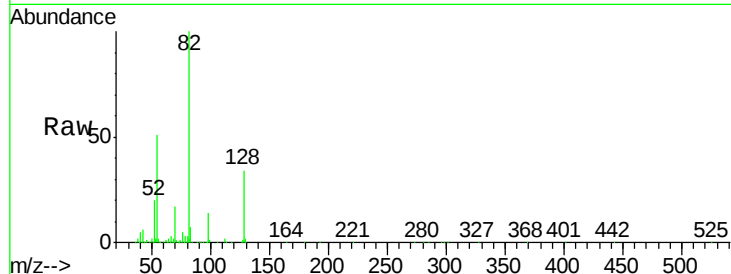




#23
 Nitrobenzene-d5
 Concen: 109.08 ng
 RT: 9.24 min Scan# 1089
 Delta R.T. 0.00 min
 Lab File: BG024004.D
 Acq: 16 Sep 2016 21:53

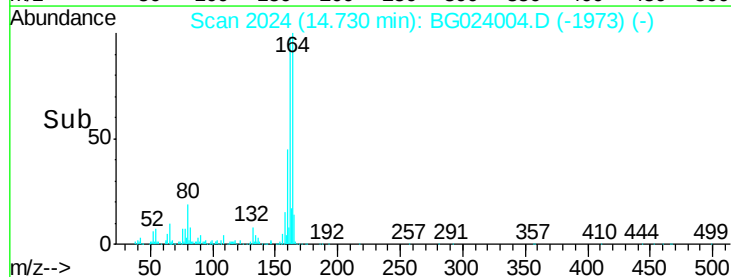
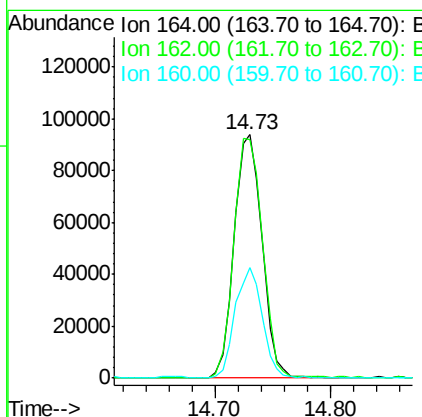
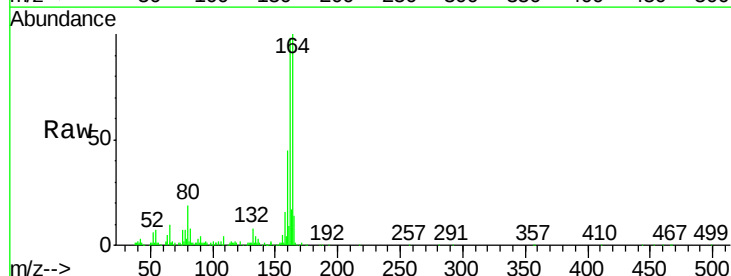
Instrument :
 BNA_G
 ClientSampleId :
 SB-3

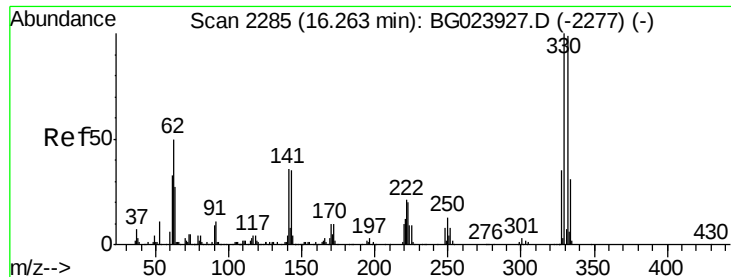
Tot Ion	82	Resp	446242
Ion Ratio	Lower	Upper	
82	100		
128	33.5	24.4	36.6
54	51.0	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.73 min Scan# 2024
 Delta R.T. 0.00 min
 Lab File: BG024004.D
 Acq: 16 Sep 2016 21:53

Tgt Ion	164	Resp	156894
Ion Ratio	Lower	Upper	
164	100		
162	98.2	87.7	131.5
160	45.2	37.2	55.8

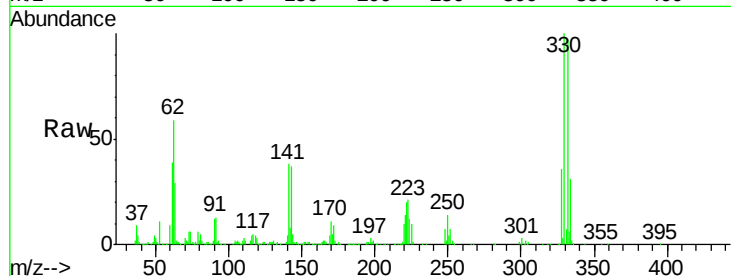




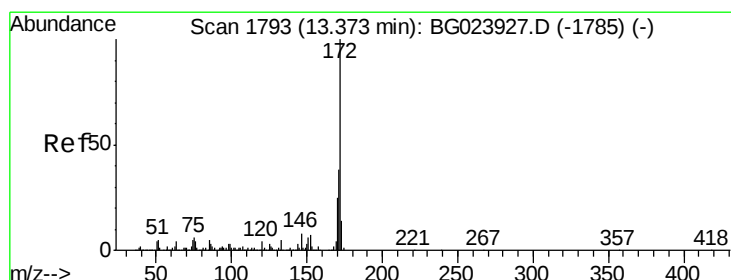
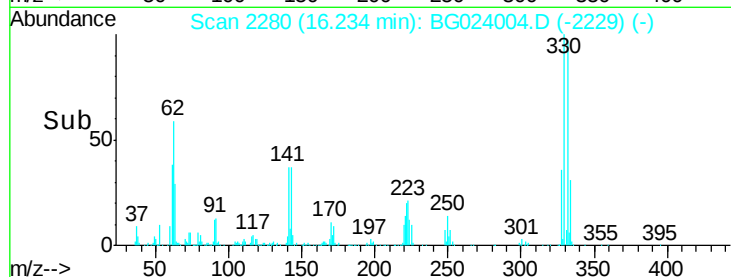
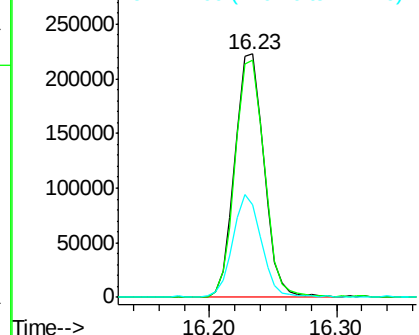
#41
 2,4,6-Tribromophenol
 Concen: 125.48 ng
 RT: 16.23 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG024004.D
 Acq: 16 Sep 2016 21:53

Instrument :
 BNA_G
 ClientSampleID :
 SB-3

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.4	116.2
141	40.8	31.7	47.5

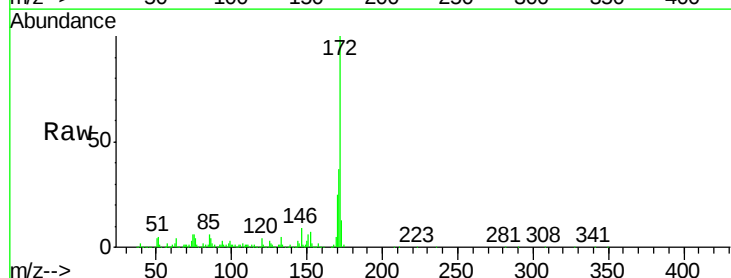


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

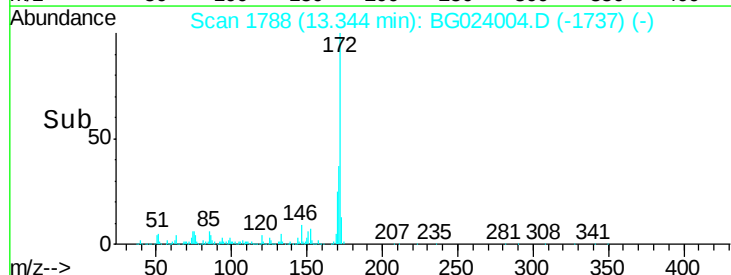
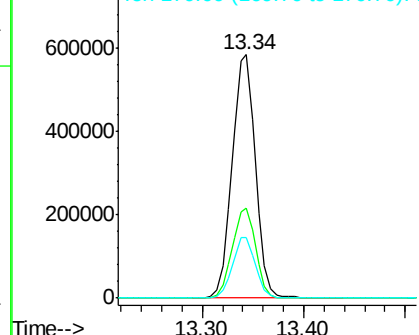


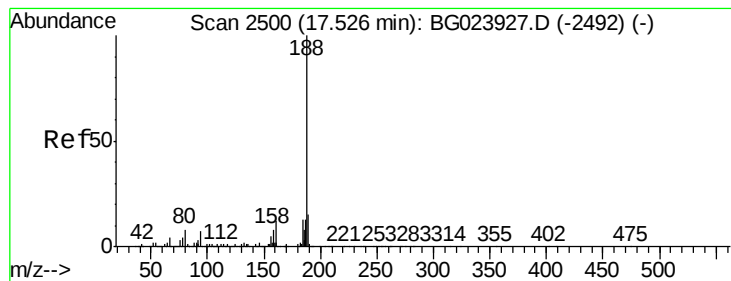
#44
 2-Fluorobiphenyl
 Concen: 84.89 ng
 RT: 13.34 min Scan# 1788
 Delta R.T. 0.00 min
 Lab File: BG024004.D
 Acq: 16 Sep 2016 21:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.1	31.6	47.4
170	24.7	21.3	31.9



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: 17.49 min Scan# 2494

Delta R.T. -0.01 min

Lab File: BG024004.D

Acq: 16 Sep 2016 21:53

Instrument :

BNA_G

ClientSampleId :

SB-3

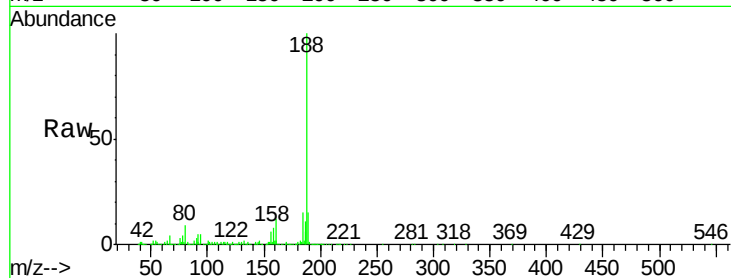
Tot Ion:188 Resp: 358421

Ion Ratio Lower Upper

188 100

94 5.3 5.2 7.8

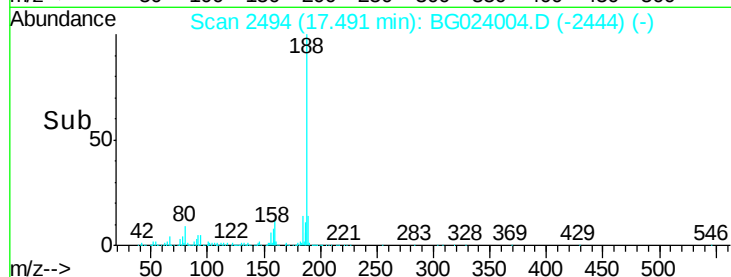
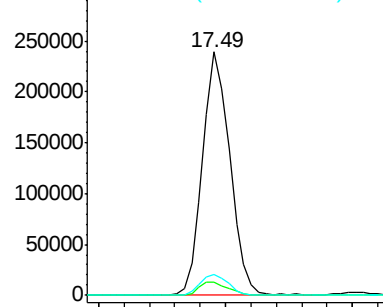
80 8.6 7.2 10.8



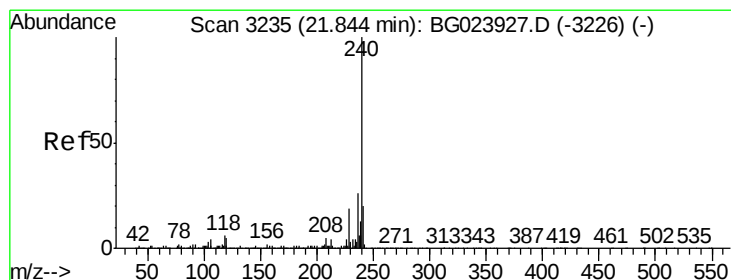
Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



Time--> 17.40 17.50 17.60



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.80 min Scan# 3228

Delta R.T. 0.00 min

Lab File: BG024004.D

Acq: 16 Sep 2016 21:53

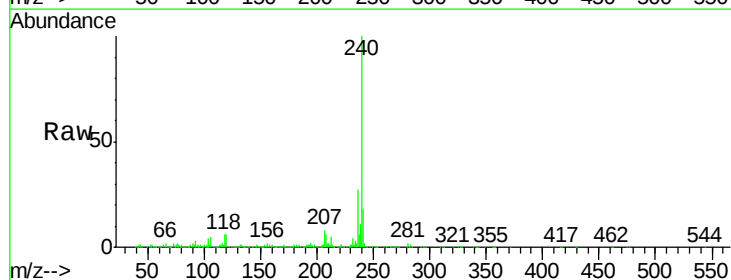
Tgt Ion:240 Resp: 452946

Ion Ratio Lower Upper

240 100

120 5.9 4.1 6.1

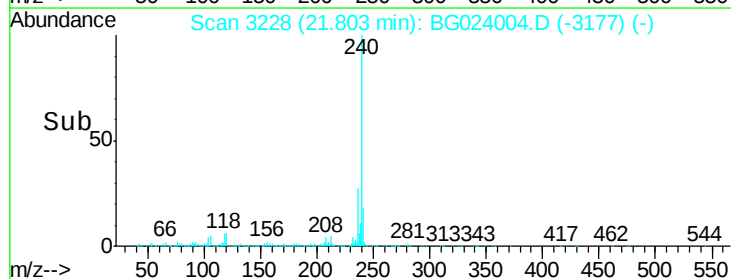
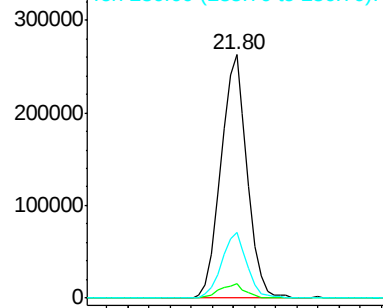
236 26.8 21.1 31.7



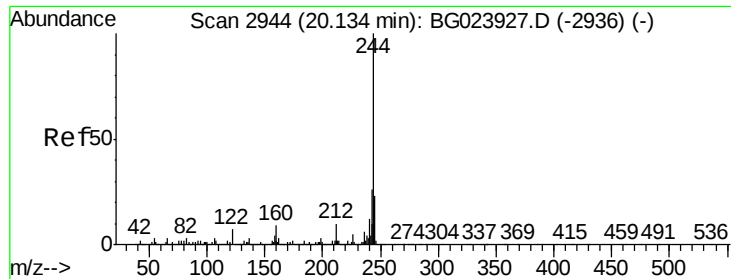
Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



Time--> 21.70 21.80 21.90



#78

Terphenyl-d14

Concen: 88.22 ng

RT: 20.10 min Scan# 2939

Delta R.T. 0.00 min

Lab File: BG024004.D

Acq: 16 Sep 2016 21:53

Instrument :

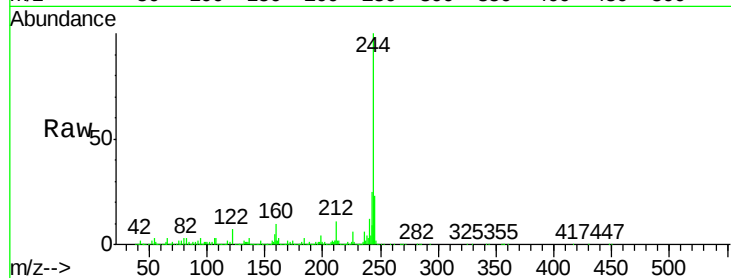
BNA_G

ClientSampleId :

SB-3

Tot Ion:244 Resp: 1754591

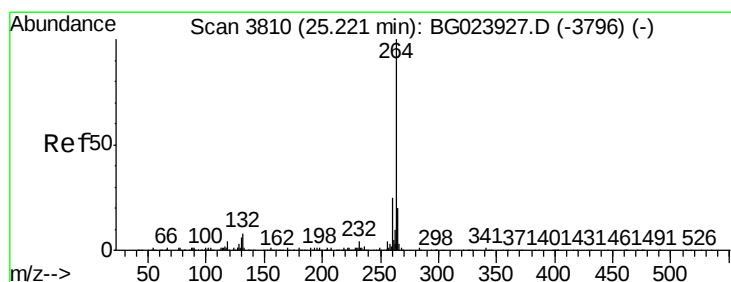
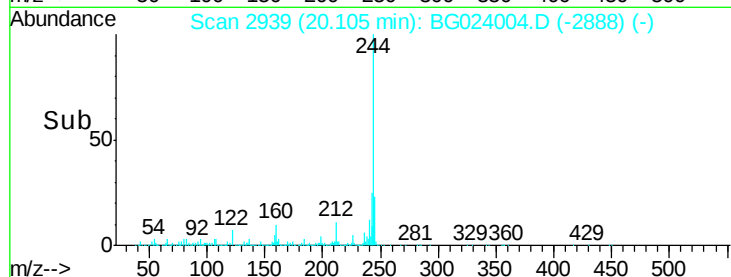
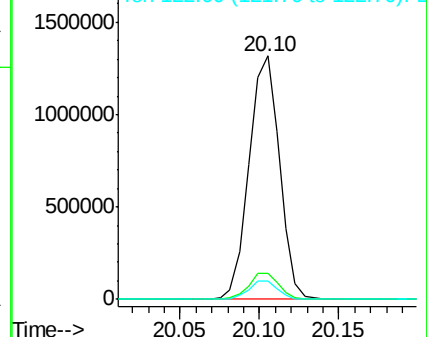
Ion	Ratio	Lower	Upper
244	100		
212	10.8	10.8	16.2#
122	7.5	8.0	12.0#



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: 25.15 min Scan# 3797

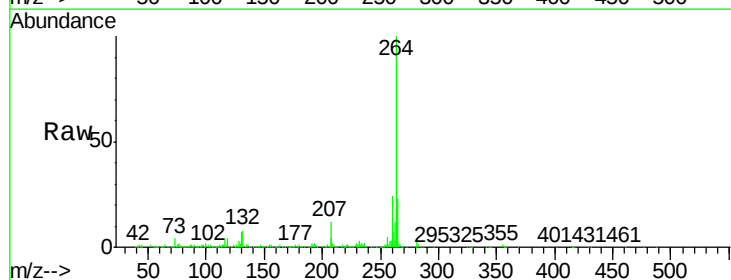
Delta R.T. 0.00 min

Lab File: BG024004.D

Acq: 16 Sep 2016 21:53

Tgt Ion:264 Resp: 449379

Ion	Ratio	Lower	Upper
264	100		
260	24.1	18.4	27.6
265	22.5	18.9	28.3



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

