

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060716\
 Data File : BG022212.D
 Acq On : 7 Jun 2016 20:07
 Operator : UM/SJ
 Sample : H3387-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2RES

Quant Time: Jun 08 03:12:13 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 06 16:12:45 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	23644	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	107808	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	77161	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	190139	20.00	ng	0.00
75) Chrysene-d12	21.77	240	185278	20.00	ng	0.00
86) Perylene-d12	25.06	264	179536	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	89171	72.92	ng	0.00
7) Phenol-d6	7.28	99	75705	39.37	ng	0.00
23) Nitrobenzene-d5	9.29	82	166332	107.56	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	143919	165.07	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	505693	99.88	ng	0.00
78) Terphenyl-d14	20.09	244	849891	108.90	ng	0.00

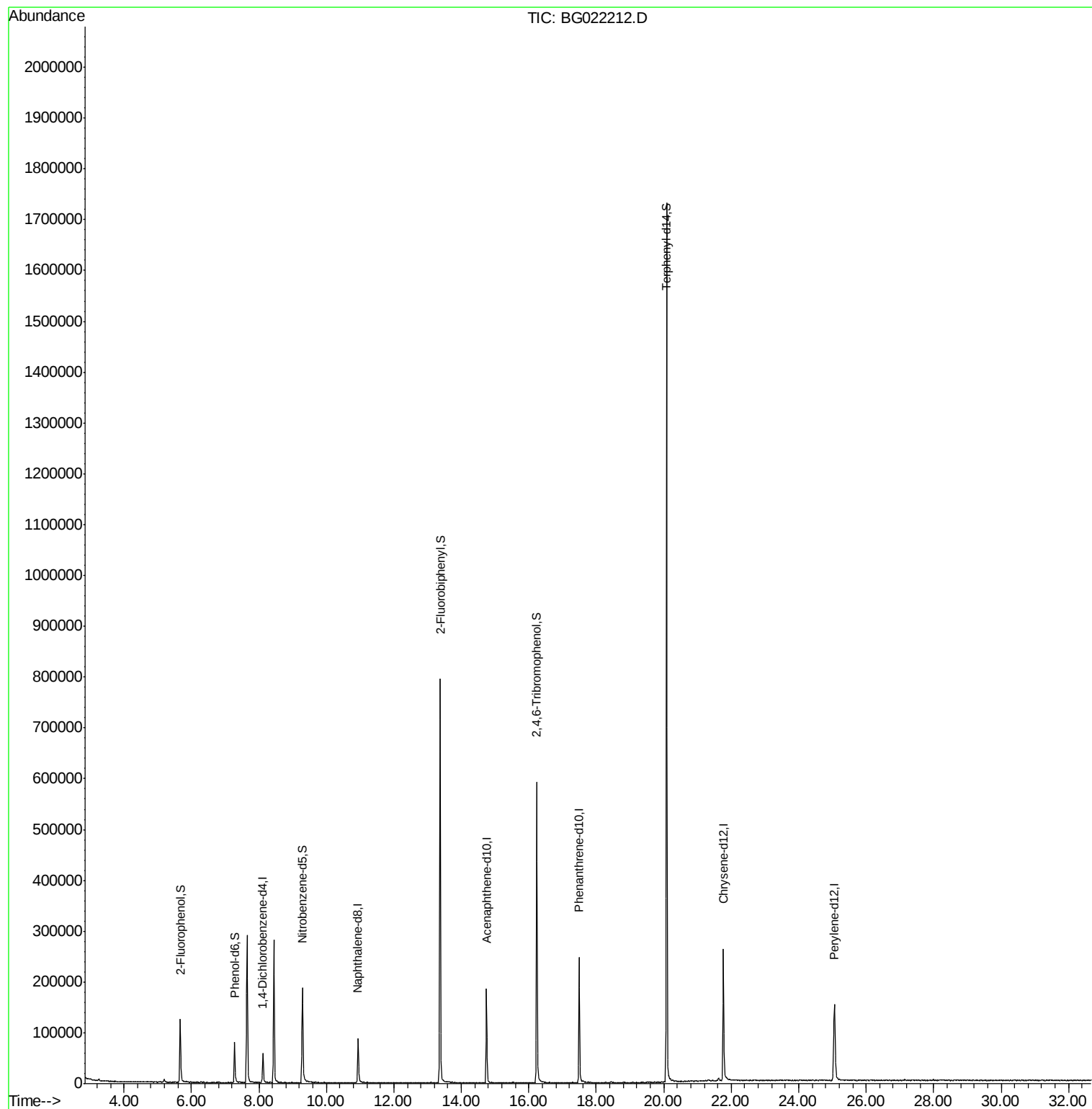
Target Compounds	Qvalue
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.12 min Scan# 898

Delta R.T. -0.01 min

Lab File: BG022212.D

Acq: 7 Jun 2016 20:07

Instrument :

BNA_G

ClientSampleId :

SP16-LF2RES

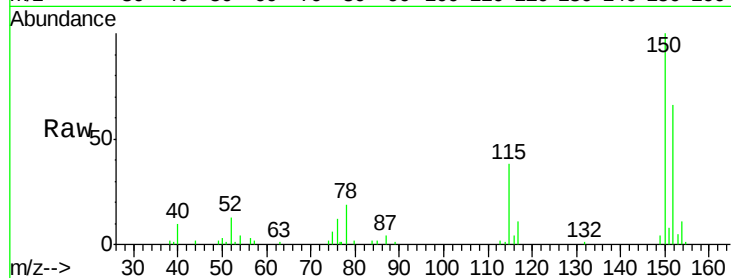
Tgt Ion:152 Resp: 23644

Ion Ratio Lower Upper

152 100

150 150.7 130.1 195.1

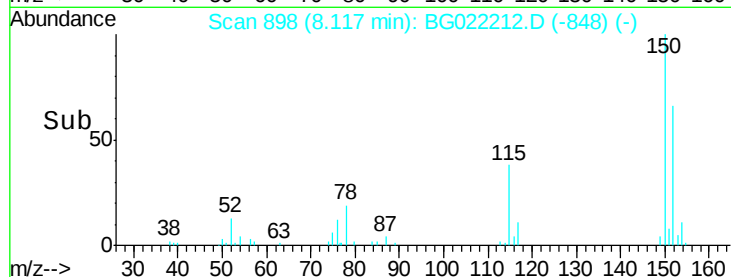
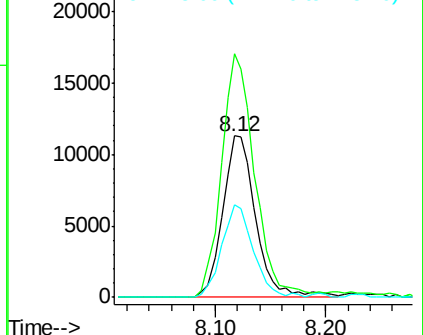
115 57.3 62.2 93.2#



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: 72.92 ng

RT: 5.67 min Scan# 481

Delta R.T. 0.00 min

Lab File: BG022212.D

Acq: 7 Jun 2016 20:07

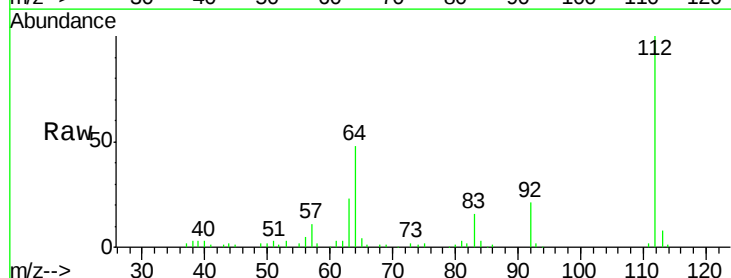
Tgt Ion:112 Resp: 89171

Ion Ratio Lower Upper

112 100

64 48.0 51.1 76.7#

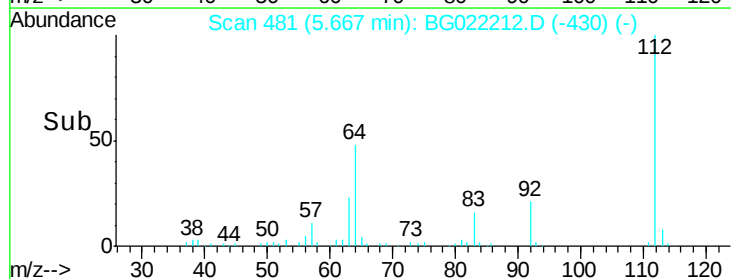
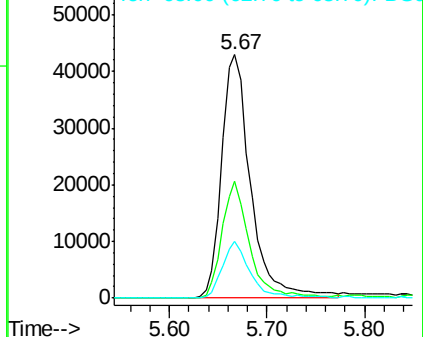
63 23.4 24.6 37.0#

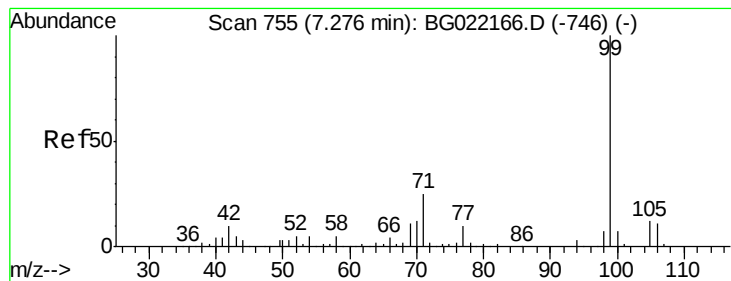


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 39.37 ng

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG022212.D

Acq: 7 Jun 2016 20:07

Instrument :

BNA_G

ClientSampleId :

SP16-LF2RES

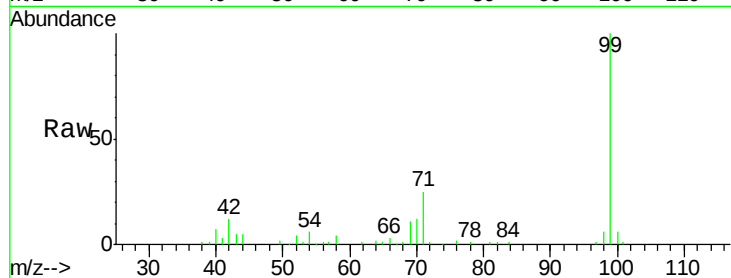
Tgt Ion: 99 Resp: 75705

Ion Ratio Lower Upper

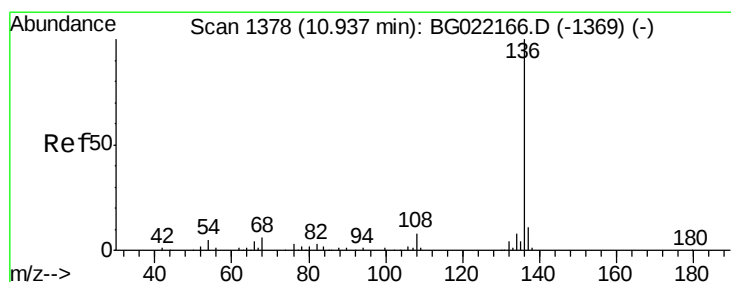
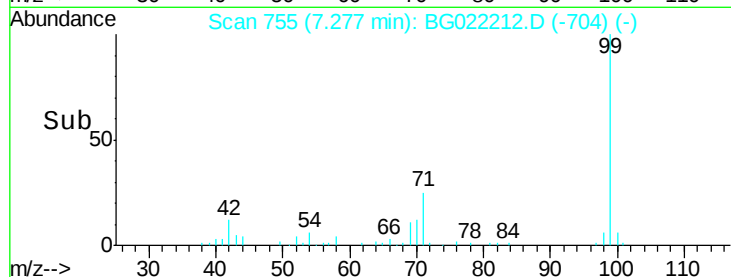
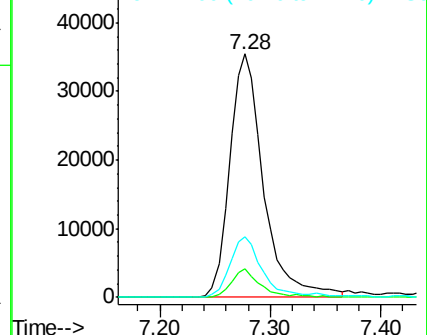
99 100

42 11.8 16.4 24.6#

71 25.1 25.0 37.4



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: 10.94 min Scan# 1378

Delta R.T. 0.00 min

Lab File: BG022212.D

Acq: 7 Jun 2016 20:07

Tgt Ion: 136 Resp: 107808

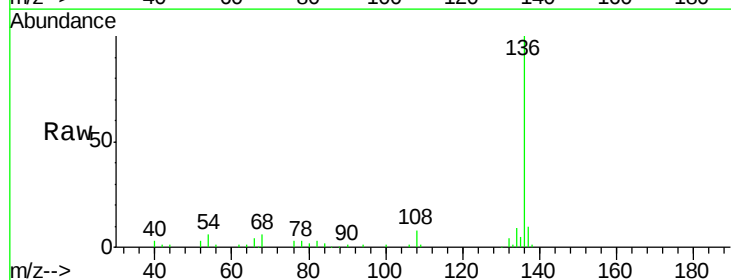
Ion Ratio Lower Upper

136 100

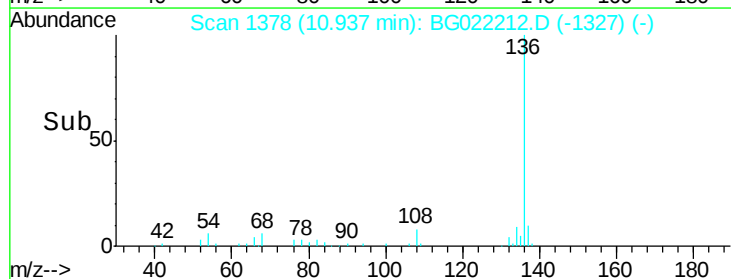
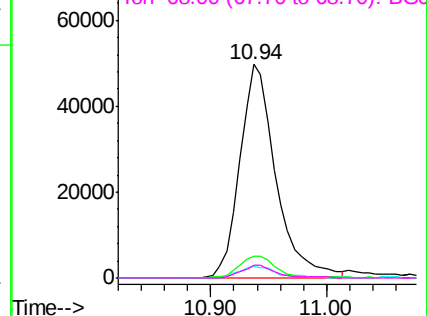
137 10.1 9.0 13.4

54 5.6 9.6 14.4#

68 6.1 6.4 9.6#



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

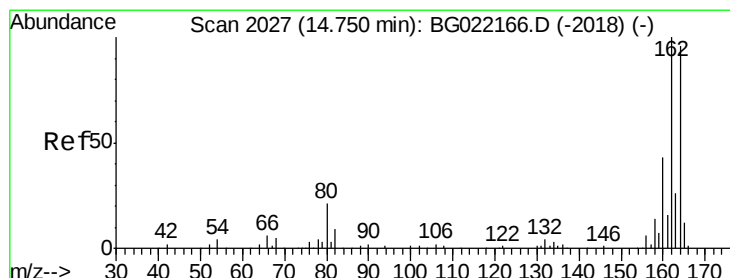
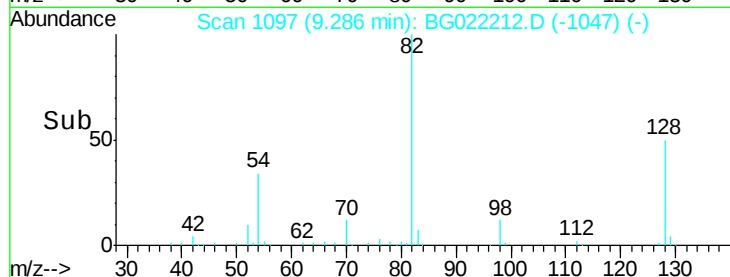
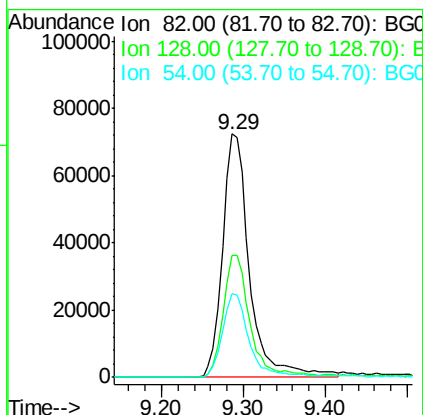
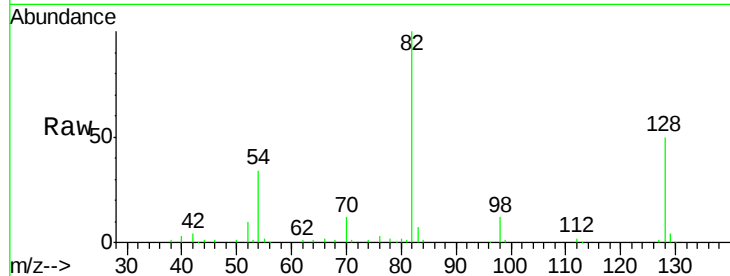




#23
 Nitrobenzene-d5
 Concen: 107.56 ng
 RT: 9.29 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BG022212.D
 Acq: 7 Jun 2016 20:07

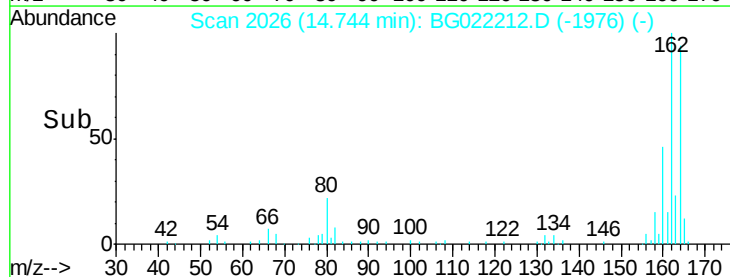
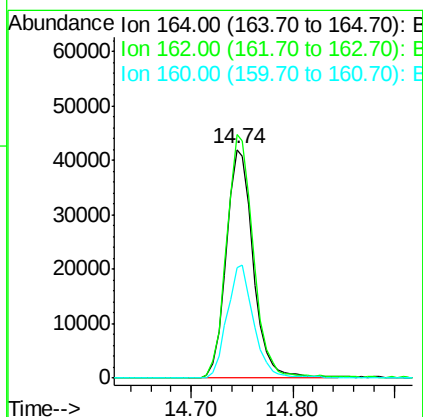
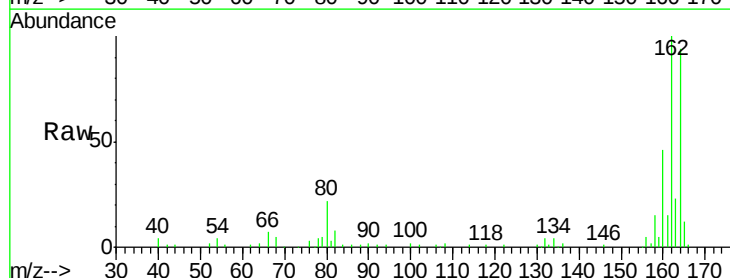
Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2RES0

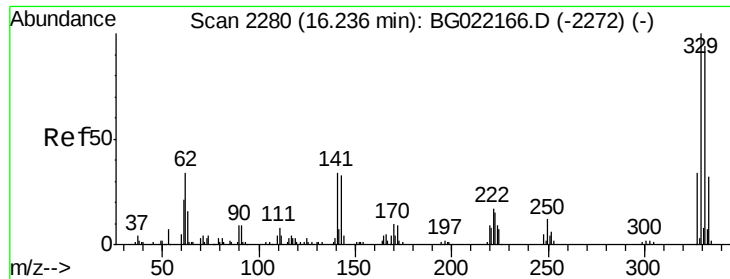
Tgt Ion: 82 Resp: 166332
 Ion Ratio Lower Upper
 82 100
 128 50.2 33.4 50.0#
 54 34.2 46.1 69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BG022212.D
 Acq: 7 Jun 2016 20:07

Tgt Ion: 164 Resp: 77161
 Ion Ratio Lower Upper
 164 100
 162 106.4 78.0 117.0
 160 48.5 32.9 49.3

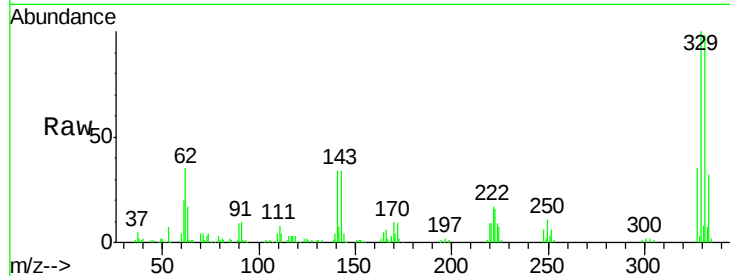




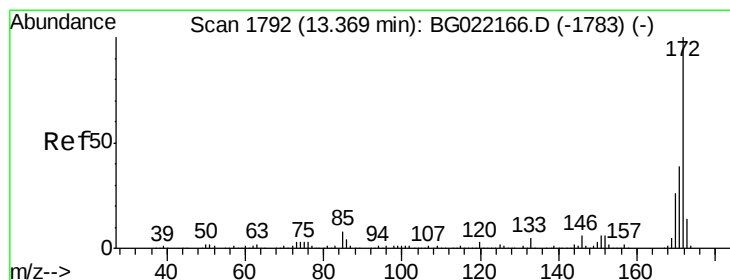
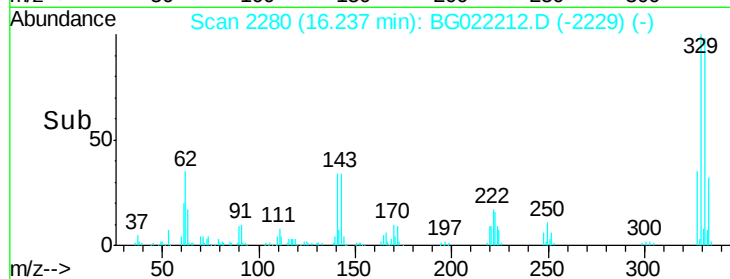
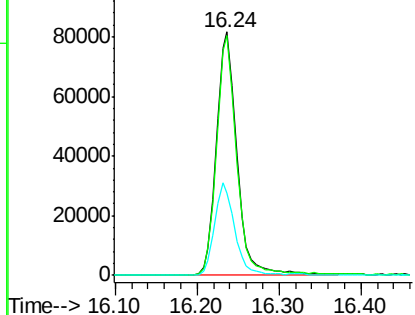
#41
 2,4,6-Tribromophenol
 Concen: 165.07 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG022212.D
 Acq: 7 Jun 2016 20:07

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2RES0

Tgt Ion:330 Resp: 143919
 Ion Ratio Lower Upper
 330 100
 332 96.6 78.0 117.0
 141 37.0 33.8 50.8

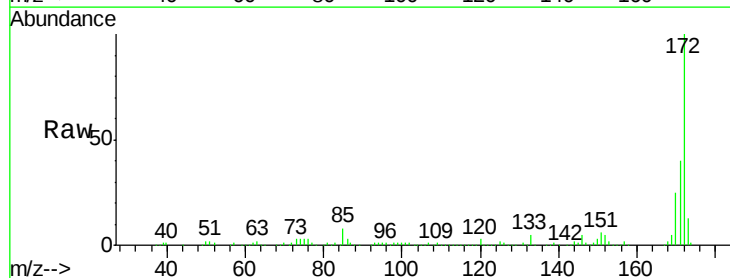


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

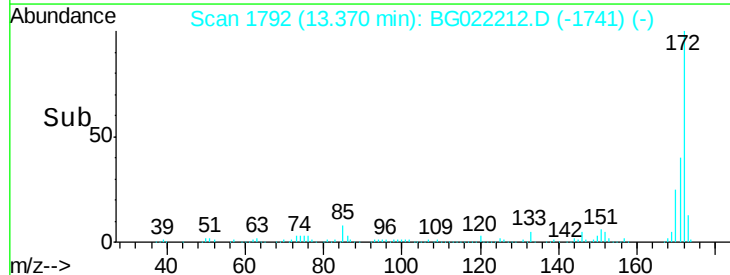
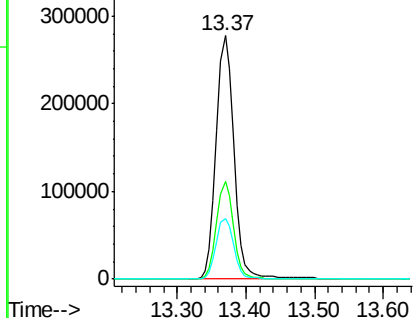


#44
 2-Fluorobiphenyl
 Concen: 99.88 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG022212.D
 Acq: 7 Jun 2016 20:07

Tgt Ion:172 Resp: 505693
 Ion Ratio Lower Upper
 172 100
 171 39.9 27.8 41.6
 170 25.1 19.6 29.4



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

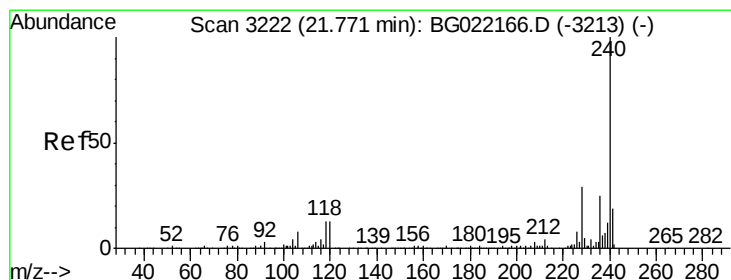
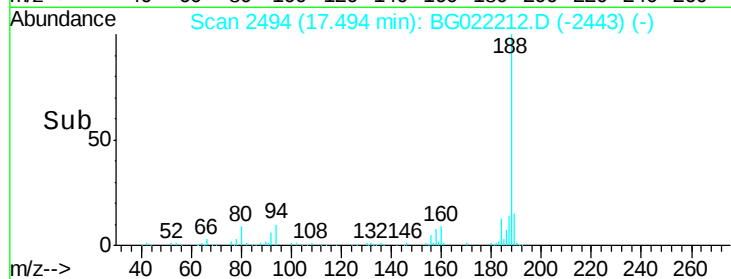
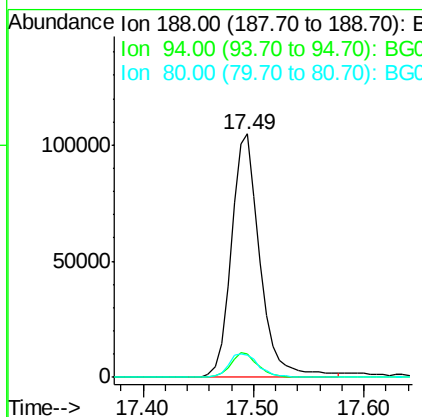
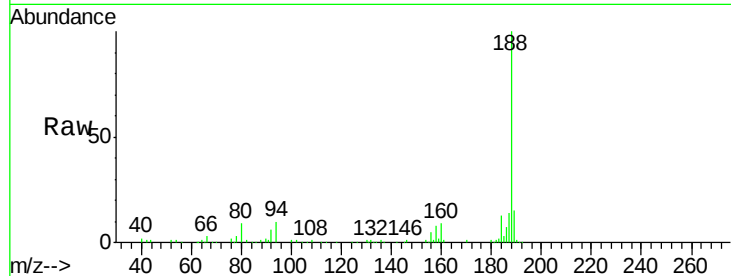




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2494
Delta R.T. 0.00 min
Lab File: BG022212.D
Acq: 7 Jun 2016 20:07

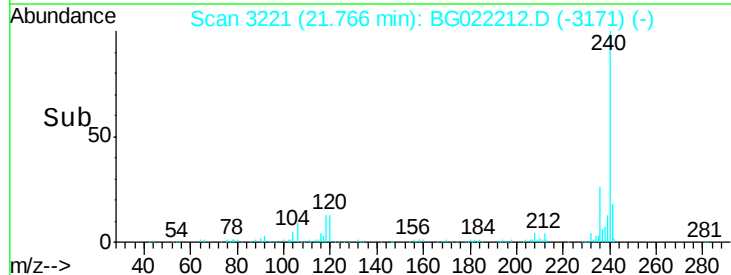
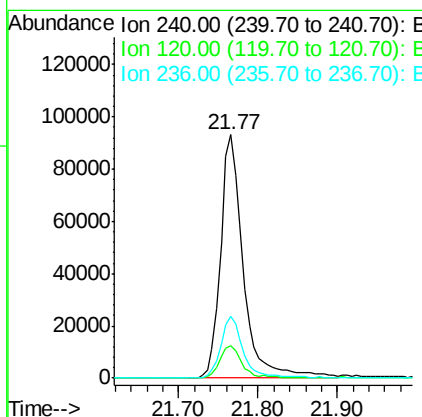
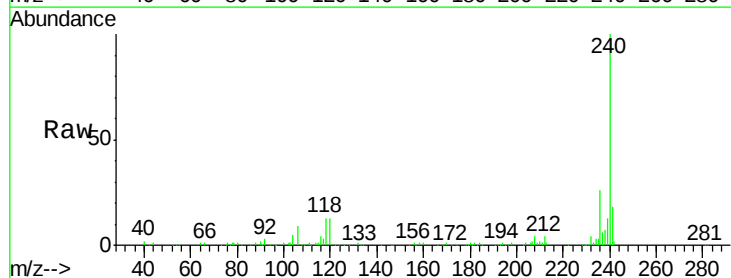
Instrument :
BNA_G
ClientSampleId :
SP16-LF2RES

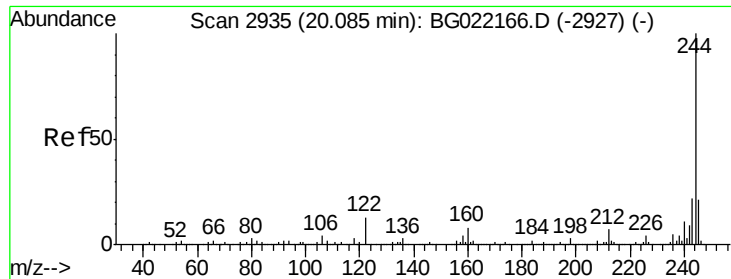
Tgt Ion	Ratio	Resp	Lower	Upper
188	100	190139		
94	9.7		7.5	11.3
80	9.3		8.6	13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.77 min Scan# 3221
Delta R.T. -0.01 min
Lab File: BG022212.D
Acq: 7 Jun 2016 20:07

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	185278		
120	13.4		8.4	12.6#
236	25.6		19.6	29.4

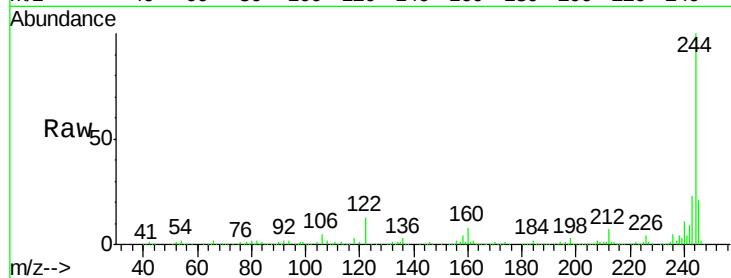




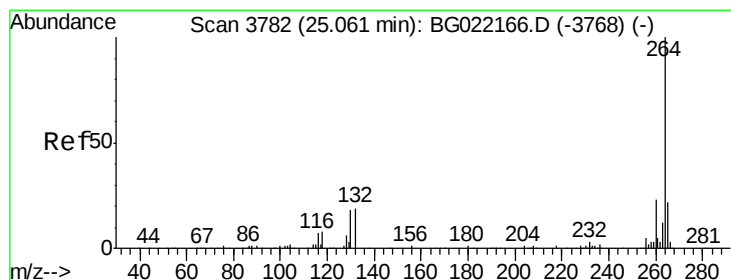
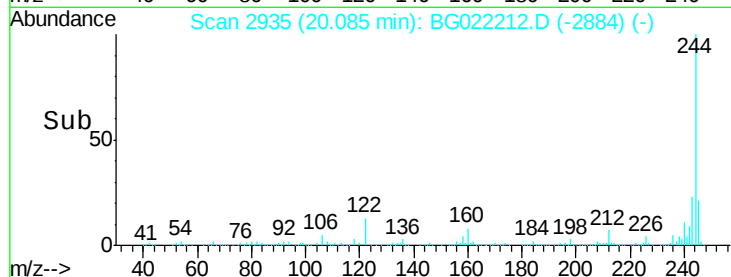
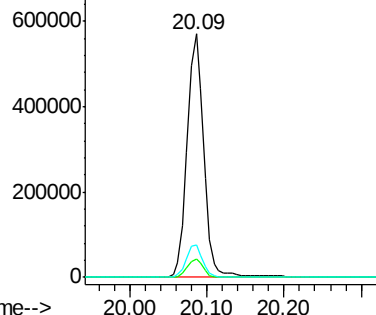
#78
 Terphenyl-d14
 Concen: 108.90 ng
 RT: 20.09 min Scan# 2935
 Delta R.T. 0.00 min
 Lab File: BG022212.D
 Acq: 7 Jun 2016 20:07

Instrument :
 BNA_G
 ClientSampleId :
 SP16-LF2RES

Tgt Ion:244 Resp: 849891
 Ion Ratio Lower Upper
 244 100
 212 7.5 6.5 9.7
 122 13.1 8.6 12.8#

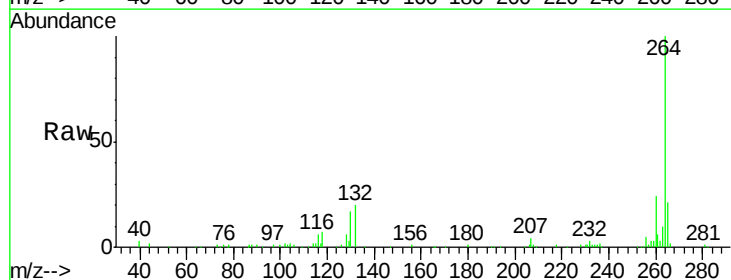


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 25.06 min Scan# 3782
 Delta R.T. 0.00 min
 Lab File: BG022212.D
 Acq: 7 Jun 2016 20:07

Tgt Ion:264 Resp: 179536
 Ion Ratio Lower Upper
 264 100
 260 24.3 20.2 30.4
 265 21.0 17.8 26.8



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

