

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG060816\
 Data File : BG022255.D
 Acq On : 9 Jun 2016 5:44
 Operator : UM/SJ
 Sample : H3381-16
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-45

Quant Time: Jun 09 06:38:52 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

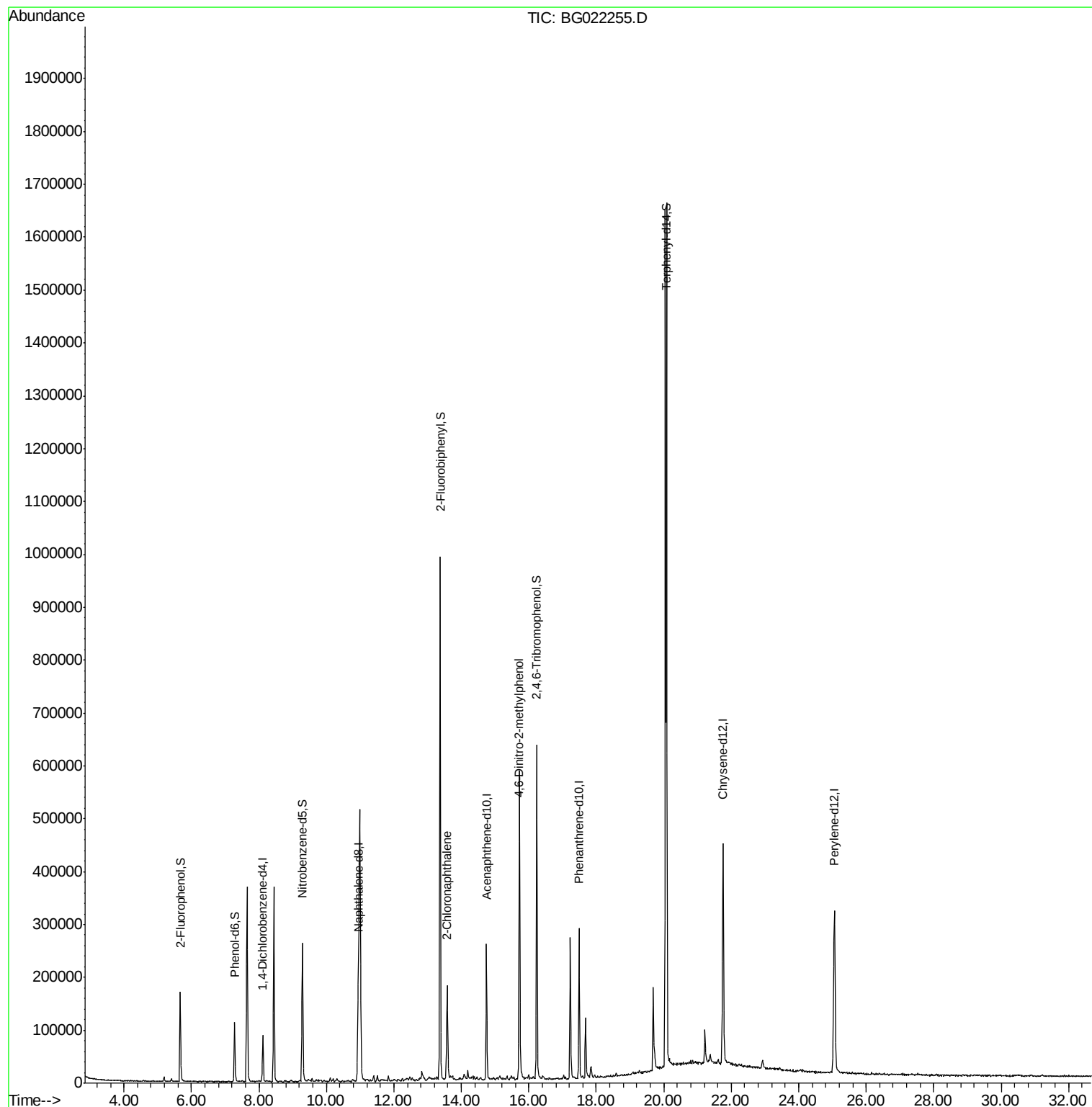
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	32064	20.00	ng	0.00
21) Naphthalene-d8	10.94	136	155962	20.00	ng	0.00
38) Acenaphthene-d10	14.74	164	94472	20.00	ng	0.00
63) Phenanthrene-d10	17.49	188	201165	20.00	ng	0.00
75) Chrysene-d12	21.76	240	359657	20.00	ng	-0.01
86) Perylene-d12	25.06	264	354358	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.67	112	112507	67.84	ng	0.00
7) Phenol-d6	7.28	99	99672	38.23	ng	0.00
23) Nitrobenzene-d5	9.29	82	209191	93.51	ng	0.00
41) 2,4,6-Tribromophenol	16.24	330	147355	138.04	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	575852	92.89	ng	0.00
78) Terphenyl-d14	20.09	244	696153	45.95	ng	0.00
Target Compounds						
46) 2-Chloronaphthalene	13.58	162	98530	18.08	ng	Qvalue # 14
64) 4,6-Dinitro-2-methylphenol	15.71	198	501	5.91	ng	85

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

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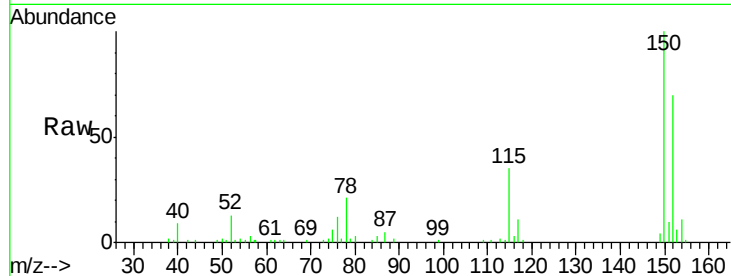




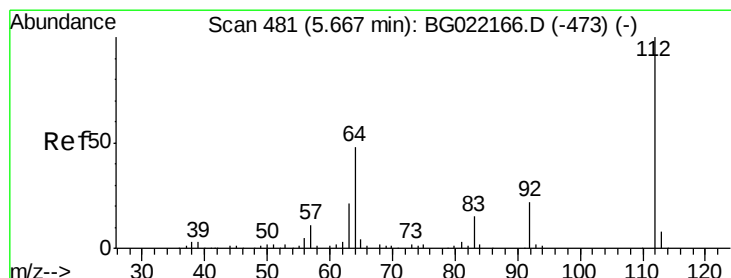
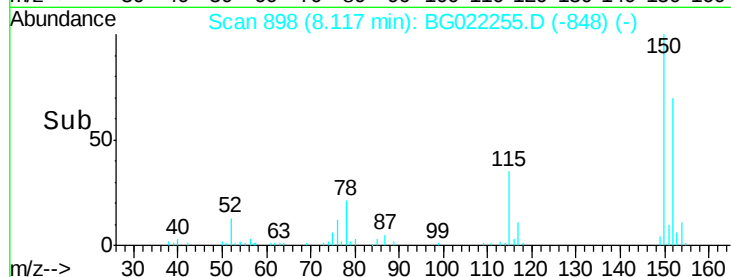
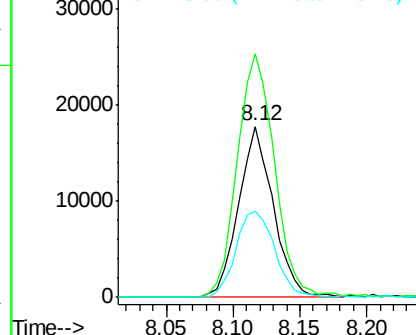
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.12 min Scan# 898
 Delta R.T. -0.01 min
 Lab File: BG022255.D
 Acq: 9 Jun 2016 5:44

Instrument :
 BNA_G
 ClientSampleId :
 W-45

Tgt Ion:152 Resp: 32064
 Ion Ratio Lower Upper
 152 100
 150 142.3 130.1 195.1
 115 50.4 62.2 93.2#

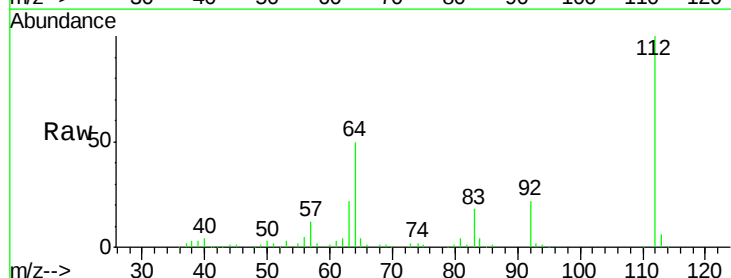


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

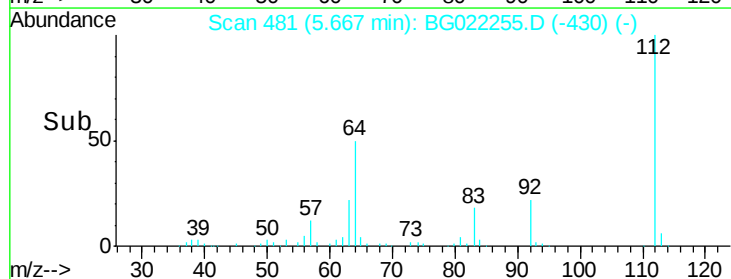
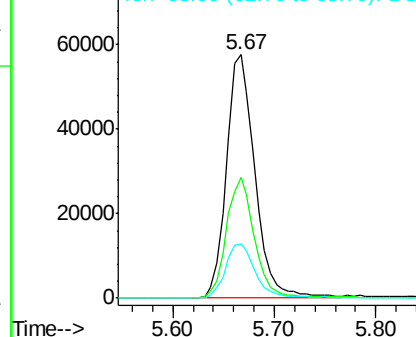


#5
 2-Fluorophenol
 Concen: 67.84 ng
 RT: 5.67 min Scan# 481
 Delta R.T. 0.00 min
 Lab File: BG022255.D
 Acq: 9 Jun 2016 5:44

Tgt Ion:112 Resp: 112507
 Ion Ratio Lower Upper
 112 100
 64 49.8 51.1 76.7#
 63 22.5 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: 38.23 ng

RT: 7.28 min Scan# 755

Delta R.T. 0.00 min

Lab File: BG022255.D

Acq: 9 Jun 2016 5:44

Instrument :

BNA_G

ClientSampleId :

W-45

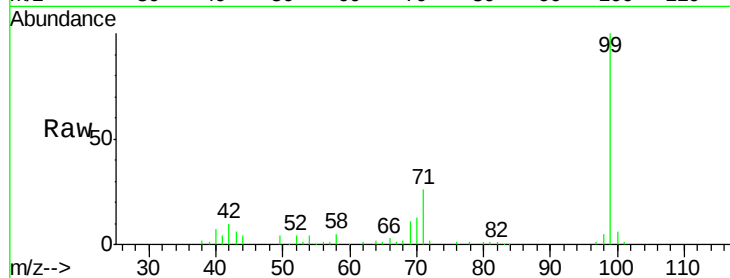
Tgt Ion: 99 Resp: 99672

Ion Ratio Lower Upper

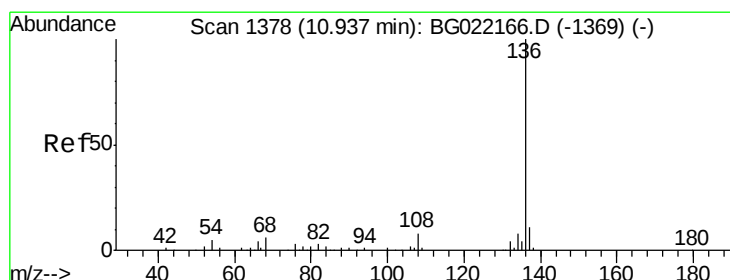
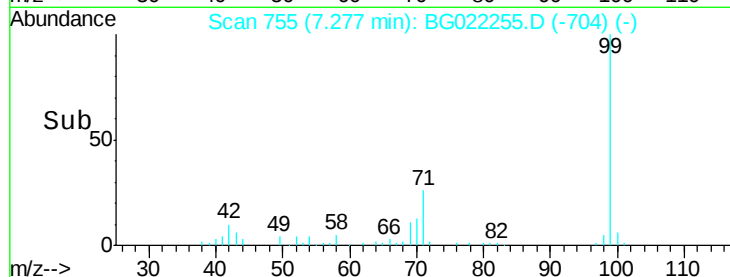
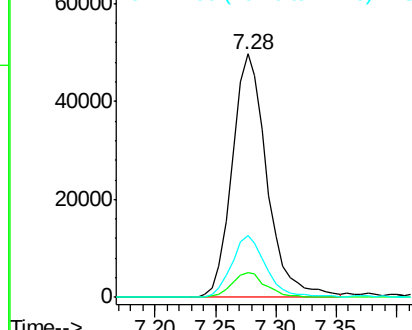
99 100

42 10.3 16.4 24.6#

71 25.6 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: BG022255.D

Acq: 9 Jun 2016 5:44

Tgt Ion: 136 Resp: 155962

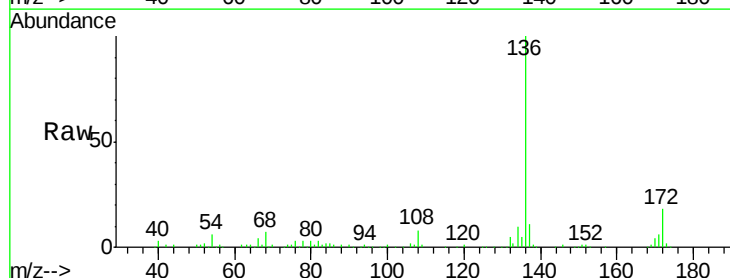
Ion Ratio Lower Upper

136 100

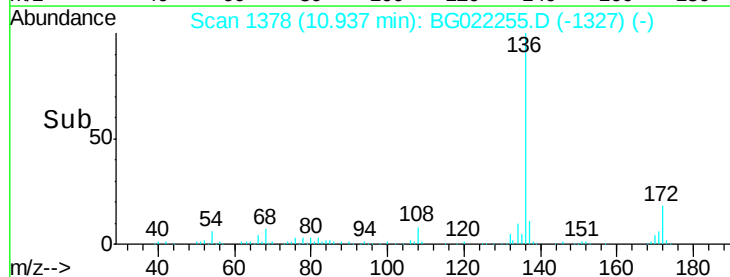
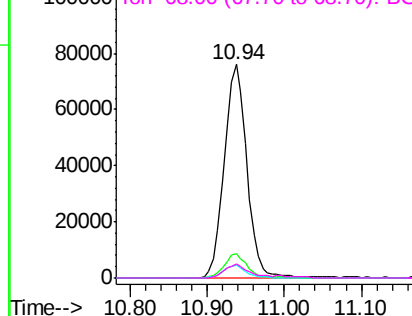
137 11.4 9.0 13.4

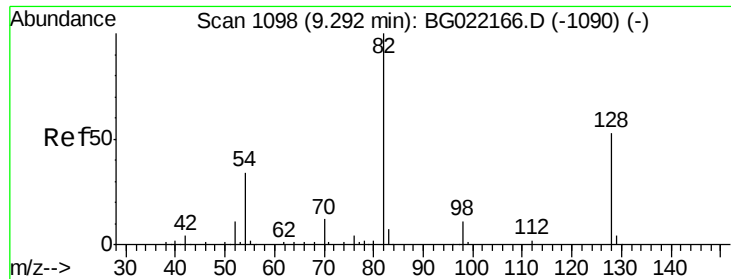
54 6.3 9.6 14.4#

68 6.8 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

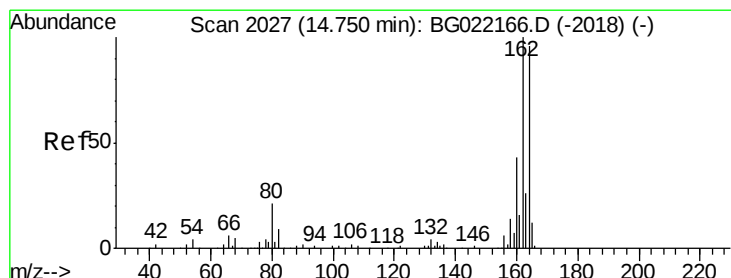
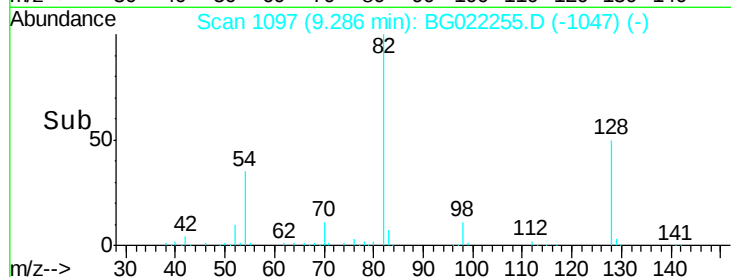
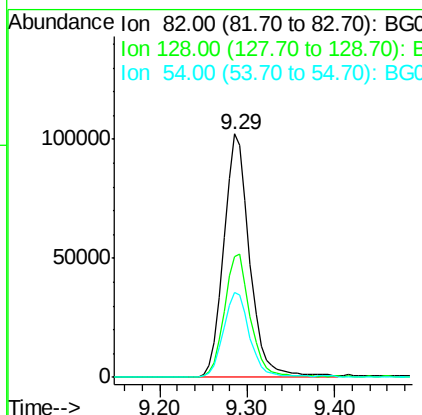
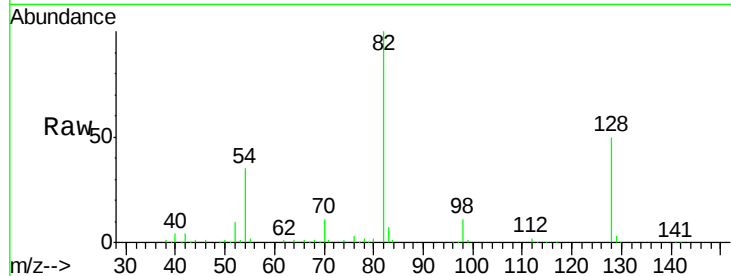




#23
 Nitrobenzene-d5
 Concen: 93.51 ng
 RT: 9.29 min Scan# 1097
 Delta R.T. -0.01 min
 Lab File: BG022255.D
 Acq: 9 Jun 2016 5:44

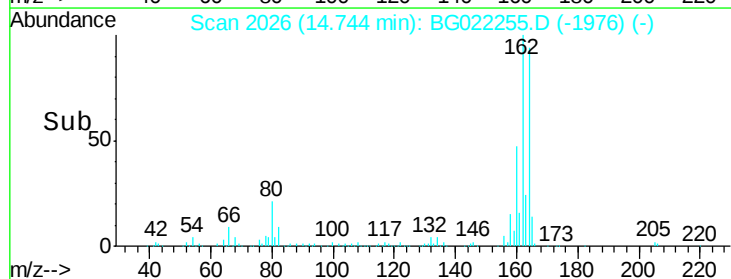
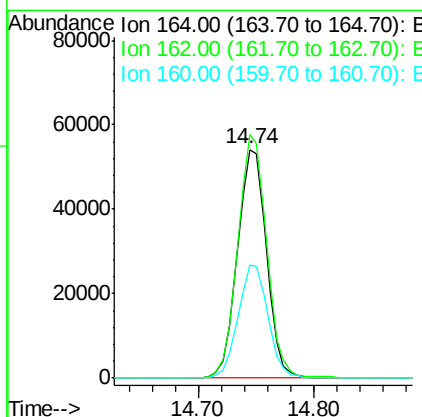
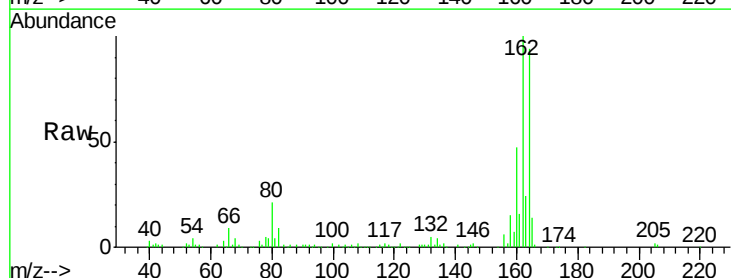
Instrument :
 BNA_G
 ClientSampleId :
 W-45

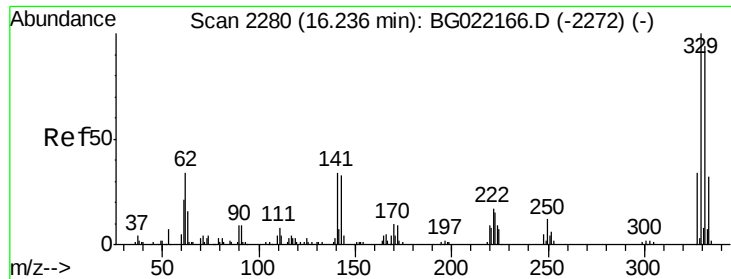
Tgt Ion	Ratio	Lower	Upper
82	100		
128	49.8	33.4	50.0
54	34.7	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.01 min
 Lab File: BG022255.D
 Acq: 9 Jun 2016 5:44

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.4	78.0	117.0
160	49.6	32.9	49.3#

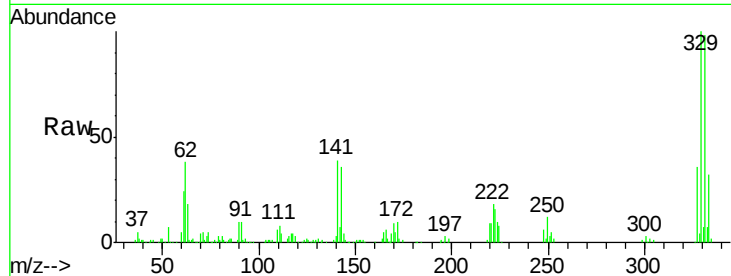




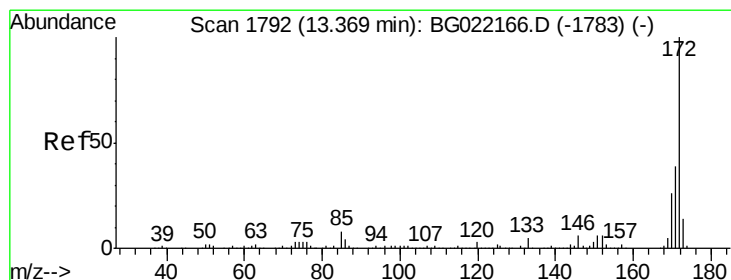
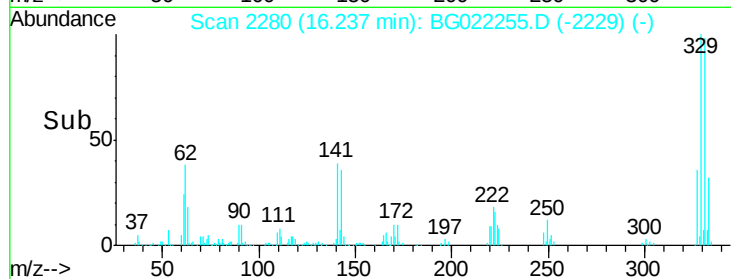
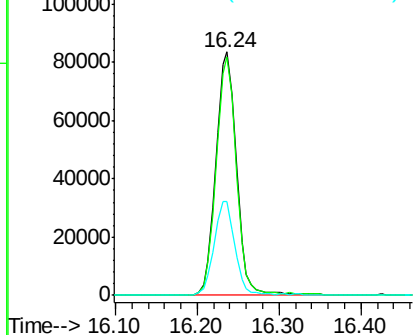
#41
 2,4,6-Tribromophenol
 Concen: 138.04 ng
 RT: 16.24 min Scan# 2280
 Delta R.T. 0.00 min
 Lab File: BG022255.D
 Acq: 9 Jun 2016 5:44

Instrument :
 BNA_G
 ClientSampled :
 W-45

Tgt Ion	Ratio	Lower	Upper
330	100		
332	95.4	78.0	117.0
141	38.8	33.8	50.8

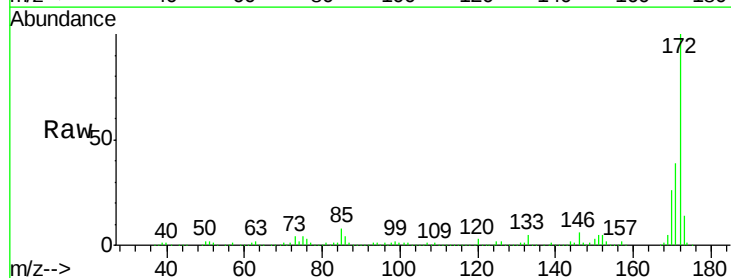


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

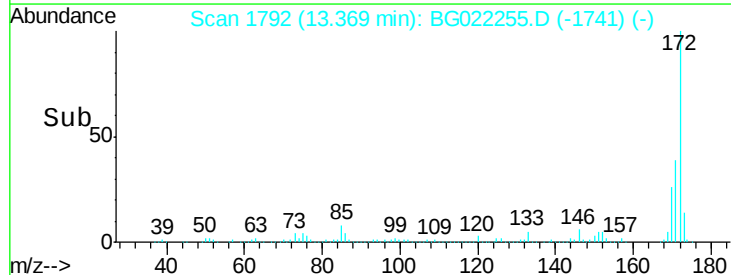
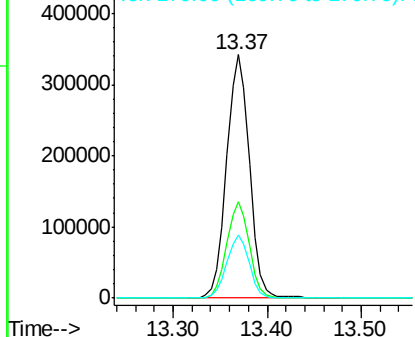


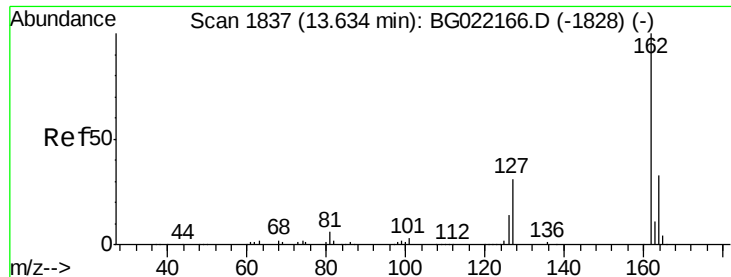
#44
 2-Fluorobiphenyl
 Concen: 92.89 ng
 RT: 13.37 min Scan# 1792
 Delta R.T. 0.00 min
 Lab File: BG022255.D
 Acq: 9 Jun 2016 5:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.4	27.8	41.6
170	25.8	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

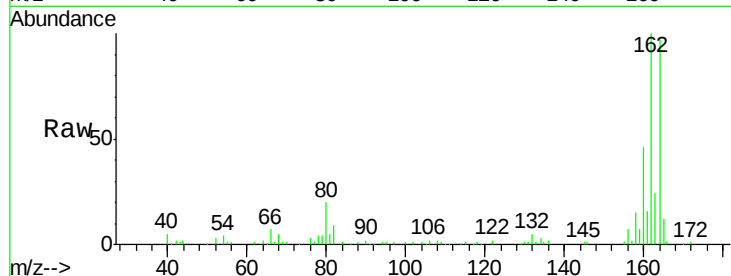




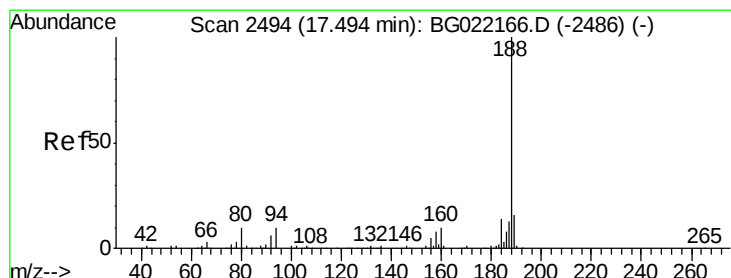
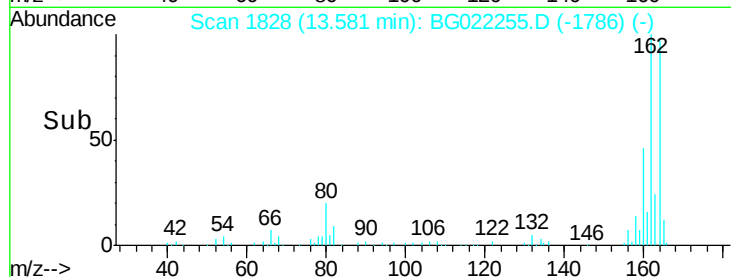
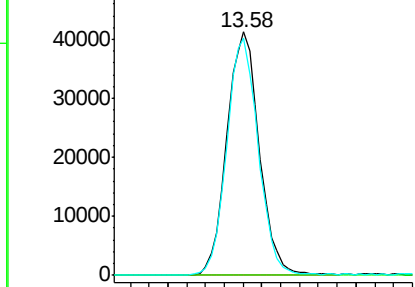
#46
 2-Chloronaphthalene
 Concen: 18.08 ng
 RT: 13.58 min Scan# 1828
 Delta R.T. -0.05 min
 Lab File: BG022255.D
 Acq: 9 Jun 2016 5:44

Instrument :
 BNA_G
 ClientSampled :
 W-45

Tgt Ion:162 Resp: 98530
 Ion Ratio Lower Upper
 162 100
 127 0.0 32.0 48.0#
 164 97.3 27.0 40.4#

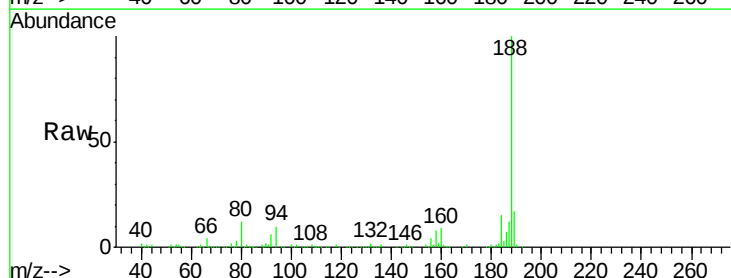


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

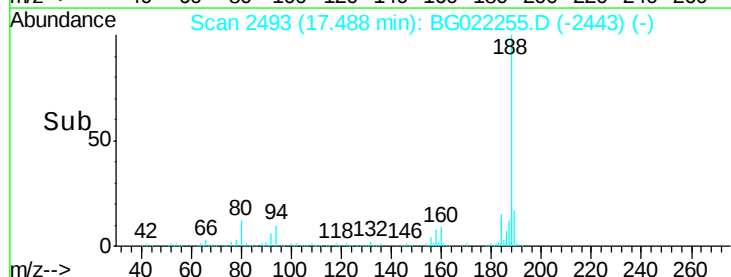
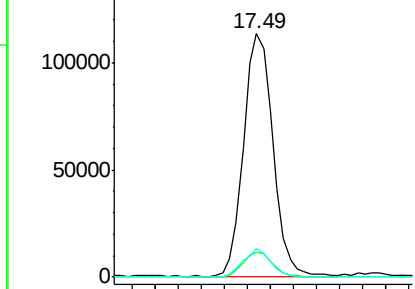


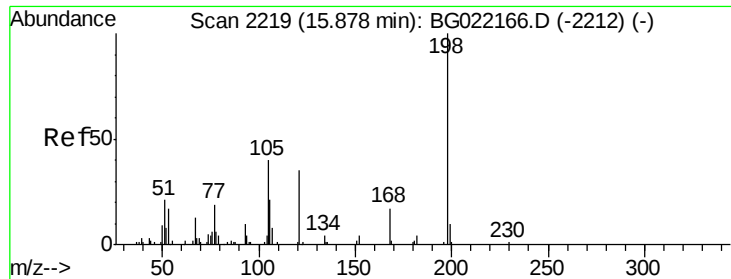
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.49 min Scan# 2493
 Delta R.T. -0.01 min
 Lab File: BG022255.D
 Acq: 9 Jun 2016 5:44

Tgt Ion:188 Resp: 201165
 Ion Ratio Lower Upper
 188 100
 94 9.9 7.5 11.3
 80 11.6 8.6 13.0



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





#64

4,6-Dinitro-2-methylphenol

Concen: 5.91 ng

RT: 15.71 min Scan# 2190

Delta R.T. -0.17 min

Lab File: BG022255.D

Acq: 9 Jun 2016 5:44

Instrument :

BNA_G

ClientSampleId :

W-45

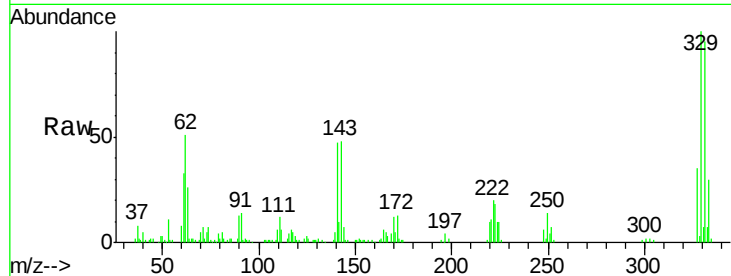
Tgt Ion:198 Resp: 501

Ion Ratio Lower Upper

198 100

51 56.7 29.2 69.2

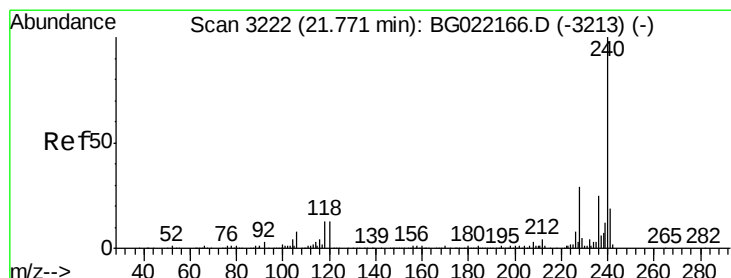
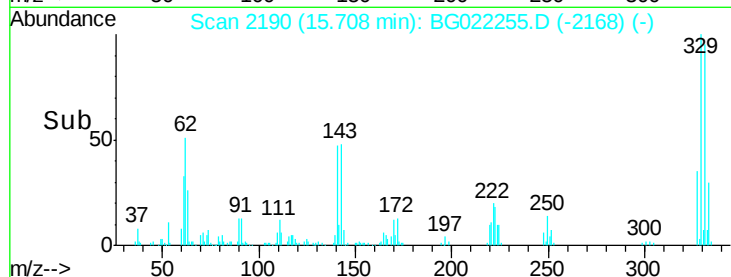
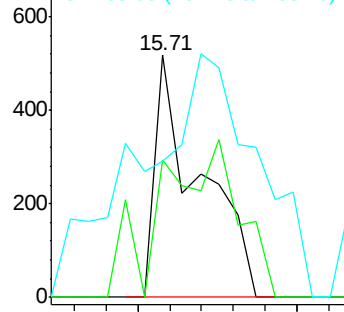
105 56.3 24.0 64.0



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG0

Ion 105.00 (104.70 to 105.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.76 min Scan# 3220

Delta R.T. -0.01 min

Lab File: BG022255.D

Acq: 9 Jun 2016 5:44

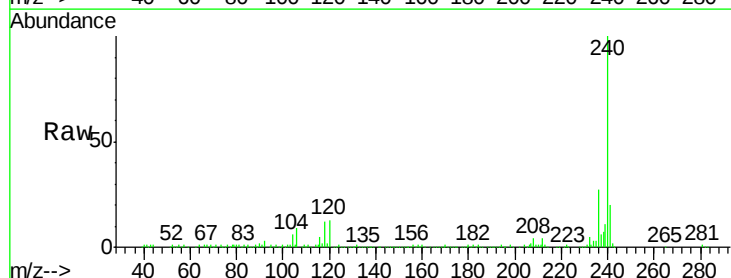
Tgt Ion:240 Resp: 359657

Ion Ratio Lower Upper

240 100

120 12.8 8.4 12.6#

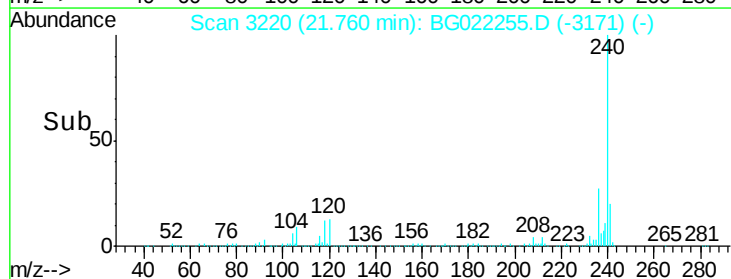
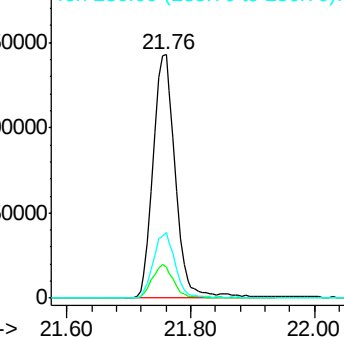
236 27.0 19.6 29.4

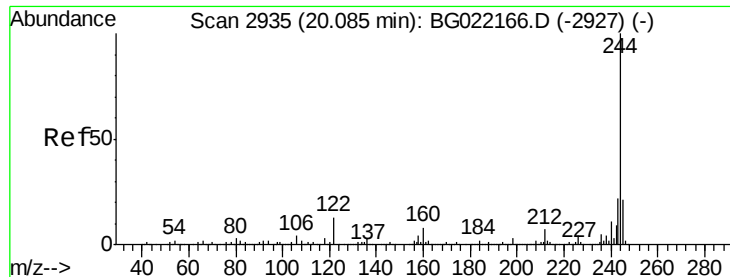


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 45.95 ng

RT: 20.09 min Scan# 2935

Delta R.T. 0.00 min

Lab File: BG022255.D

Acq: 9 Jun 2016 5:44

Instrument :

BNA_G

ClientSampleId :

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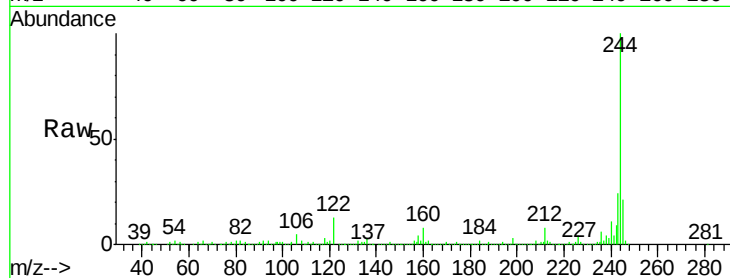
Tgt Ion:244 Resp: 696153

Ion Ratio Lower Upper

244 100

212 7.8 6.5 9.7

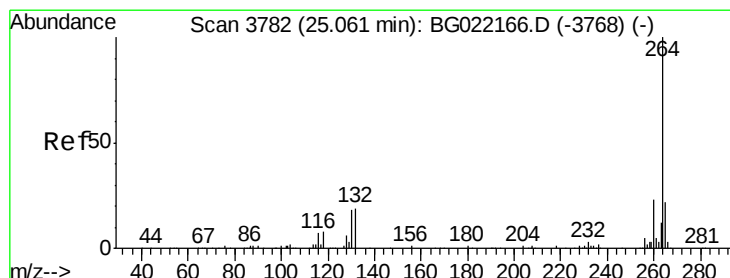
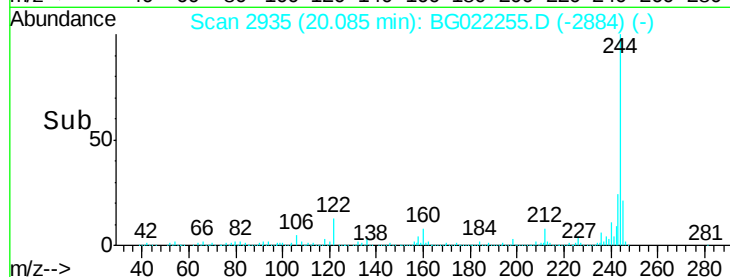
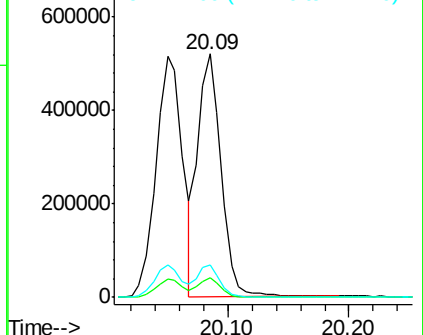
122 13.4 8.6 12.8#



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# 3781

Delta R.T. -0.01 min

Lab File: BG022255.D

Acq: 9 Jun 2016 5:44

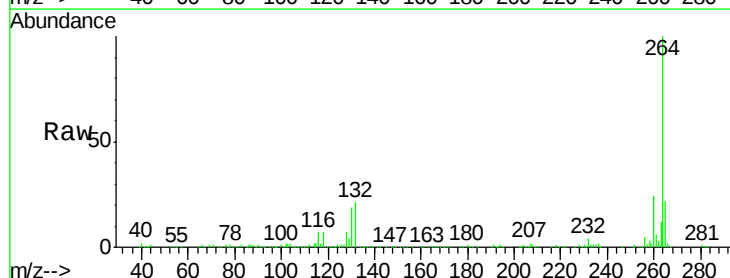
Tgt Ion:264 Resp: 354358

Ion Ratio Lower Upper

264 100

260 24.2 20.2 30.4

265 21.6 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

