

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG041715\
 Data File : BG016543.D
 Acq On : 19 Apr 2015 4:21
 Operator : TP/IZ
 Sample : G1765-04RE
 Misc :
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 AS-4

Quant Time: Apr 20 04:14:24 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG040615.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Apr 20 03:57:28 2015
 Response via : Initial Calibration

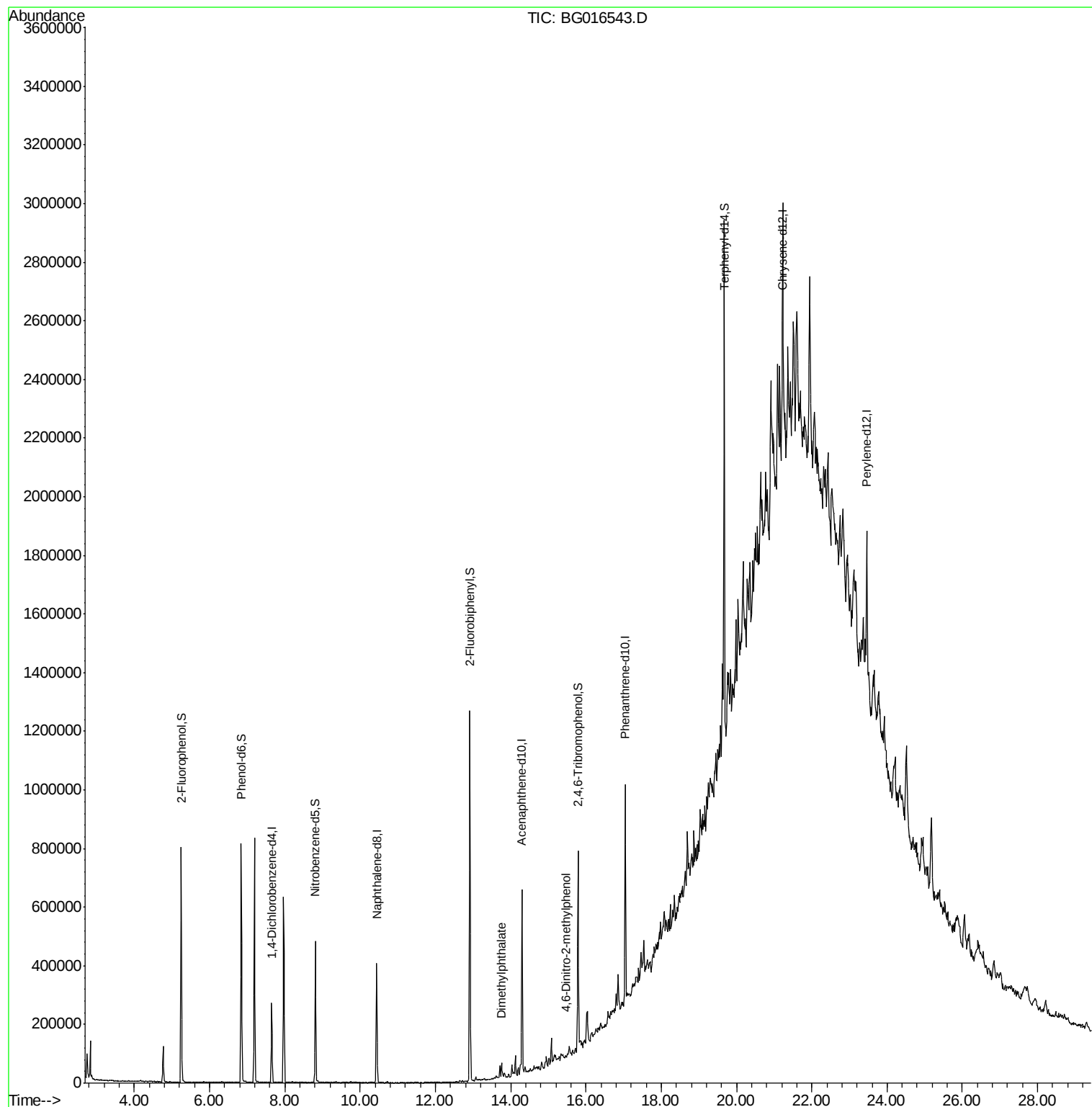
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.66	152	75589	20.00	ng	0.00
21) Naphthalene-d8	10.44	136	343708	20.00	ng	0.00
38) Acenaphthene-d10	14.30	164	204451	20.00	ng	0.00
63) Phenanthrene-d10	17.04	188	386442	20.00	ng	0.00
75) Chrysene-d12	21.23	240	302863	20.00	ng	0.00
86) Perylene-d12	23.47	264	294435	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.25	112	385404	80.47	ng	0.00
7) Phenol-d6	6.84	99	537954	74.82	ng	0.00
23) Nitrobenzene-d5	8.81	82	286069	48.22	ng	0.00
41) 2,4,6-Tribromophenol	15.79	330	96618	69.88	ng	0.00
44) 2-Fluorobiphenyl	12.92	172	631273	52.57	ng	0.00
78) Terphenyl-d14	19.68	244	628973	48.60	ng	0.00
Target Compounds						
49) Dimethylphthalate	13.76	163	36136	2.41	ng	98
64) 4,6-Dinitro-2-methylphenol	15.49	198	57	3.90	ng	# 1

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

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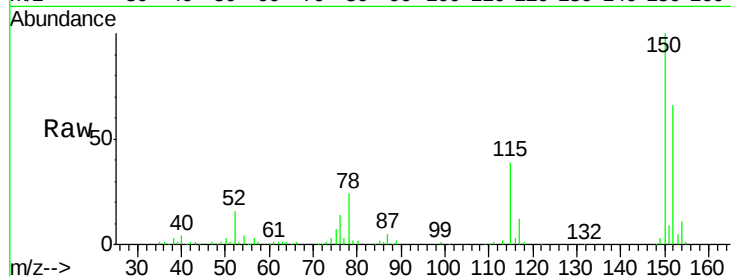


#1

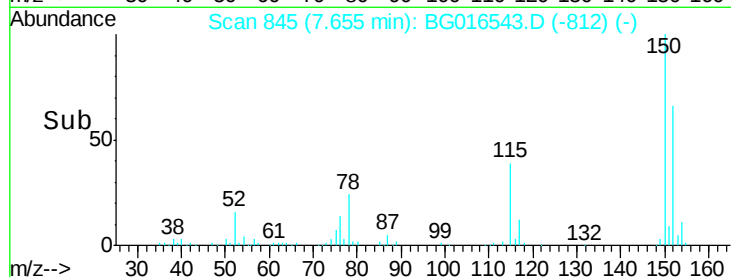
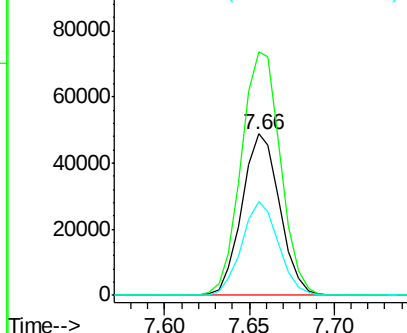
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.66 min Scan# 845
Delta R.T. -0.00 min
Lab File: BG016543.D
Acq: 19 Apr 2015 4:21

Instrument :
BNA_G
ClientSampleId :
AS-4

Tgt Ion:152 Resp: 75589
Ion Ratio Lower Upper
152 100
150 151.0 130.1 195.1
115 58.5 50.5 75.7



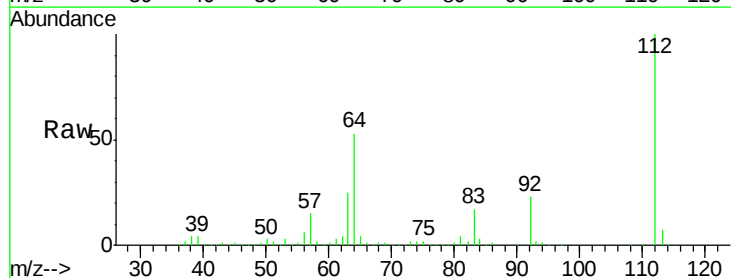
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



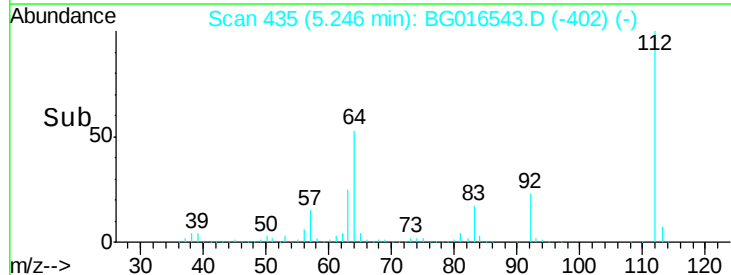
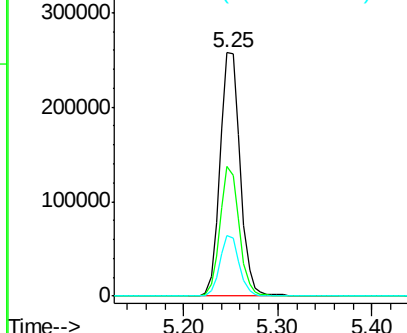
#5

2-Fluorophenol
Concen: 80.47 ng
RT: 5.25 min Scan# 435
Delta R.T. -0.00 min
Lab File: BG016543.D
Acq: 19 Apr 2015 4:21

Tgt Ion:112 Resp: 385404
Ion Ratio Lower Upper
112 100
64 53.3 44.5 66.7
63 24.8 21.4 32.0



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: 74.82 ng

RT: 6.84 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG016543.D

Acq: 19 Apr 2015 4:21

Instrument :

BNA_G

ClientSampleId :

AS-4

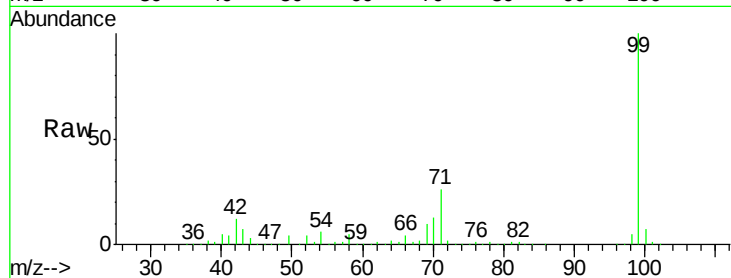
Tgt Ion: 99 Resp: 537954

Ion Ratio Lower Upper

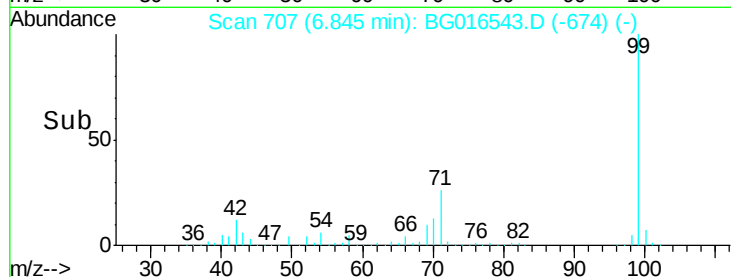
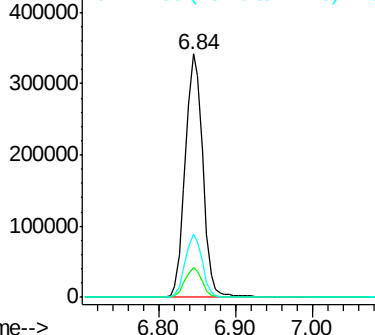
99 100

42 12.3 10.0 15.0

71 26.1 21.5 32.3



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: 10.44 min Scan# 1319

Delta R.T. -0.00 min

Lab File: BG016543.D

Acq: 19 Apr 2015 4:21

Tgt Ion: 136 Resp: 343708

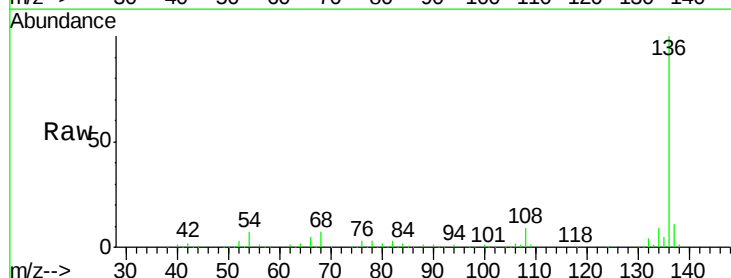
Ion Ratio Lower Upper

136 100

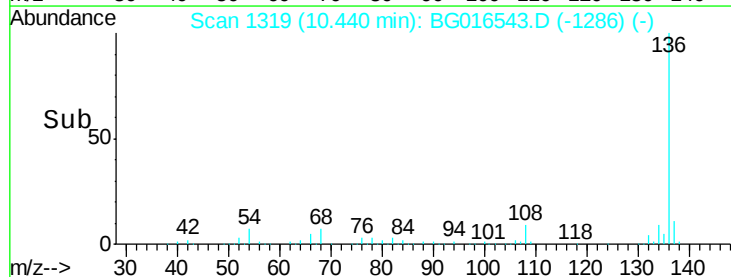
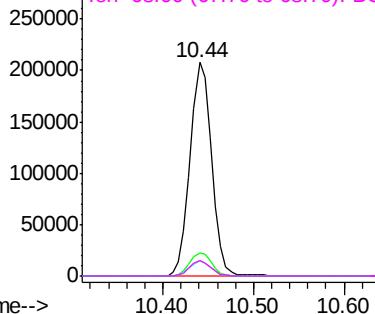
137 10.8 8.7 13.1

54 7.3 6.3 9.5

68 7.3 6.5 9.7



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

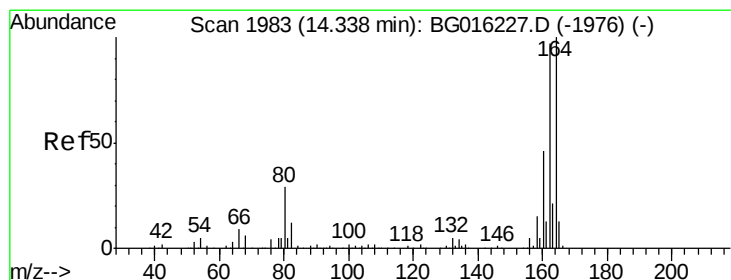
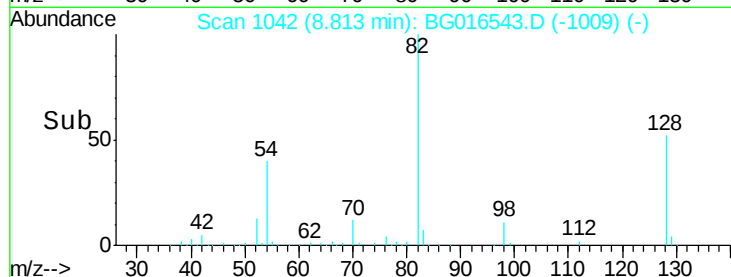
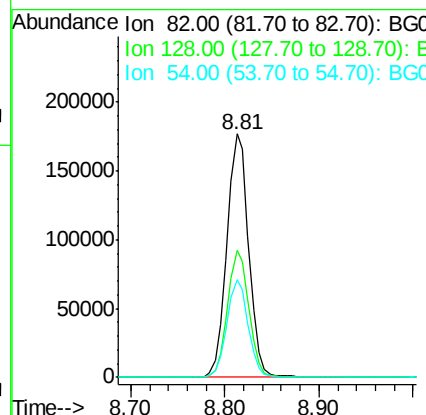
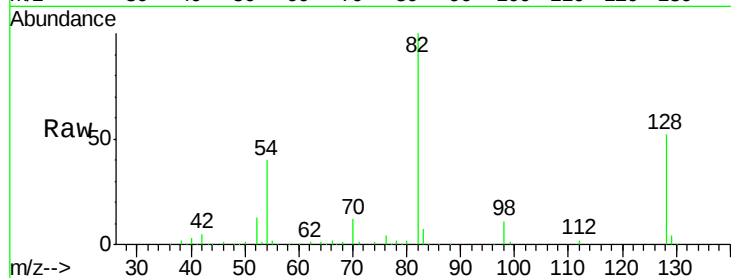




#23
 Nitrobenzene-d5
 Concen: 48.22 ng
 RT: 8.81 min Scan# 1042
 Delta R.T. -0.00 min
 Lab File: BG016543.D
 Acq: 19 Apr 2015 4:21

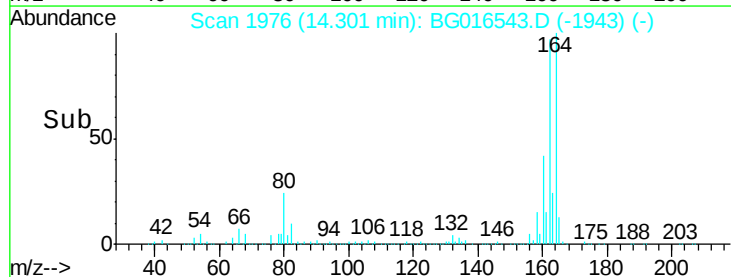
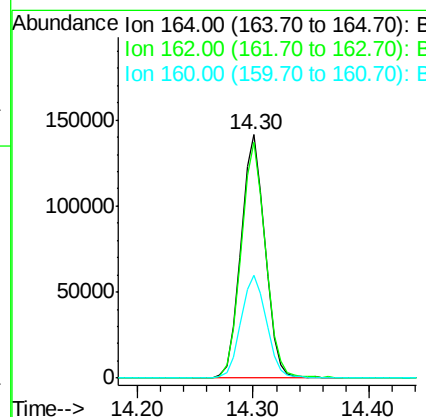
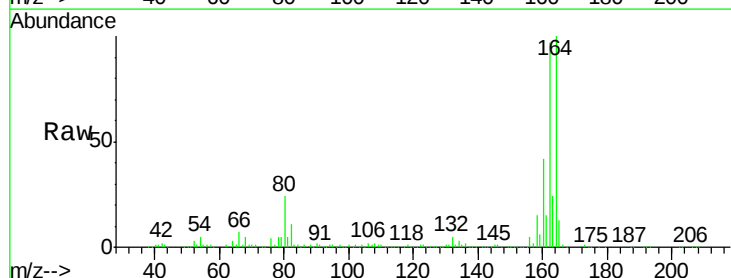
Instrument :
 BNA_G
 ClientSampleId :
 AS-4

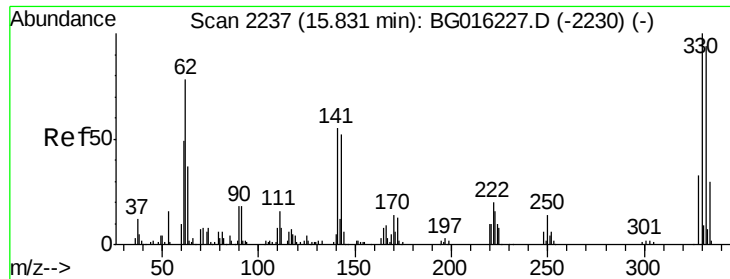
Tgt Ion: 82 Resp: 286069
 Ion Ratio Lower Upper
 82 100
 128 52.1 37.8 56.8
 54 40.1 32.6 49.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.30 min Scan# 1976
 Delta R.T. -0.00 min
 Lab File: BG016543.D
 Acq: 19 Apr 2015 4:21

Tgt Ion: 164 Resp: 204451
 Ion Ratio Lower Upper
 164 100
 162 96.9 77.3 115.9
 160 42.2 36.7 55.1

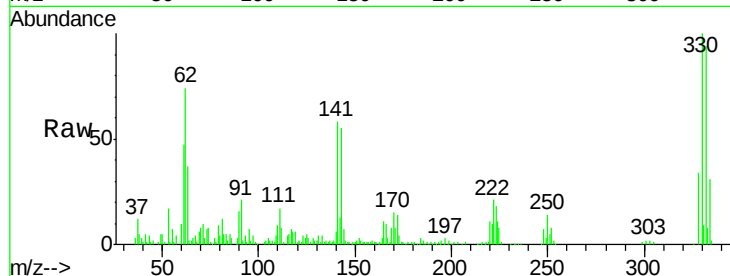




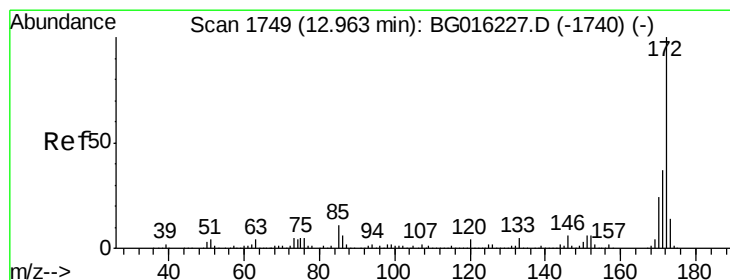
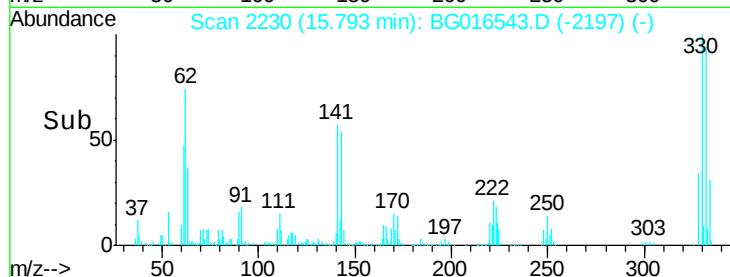
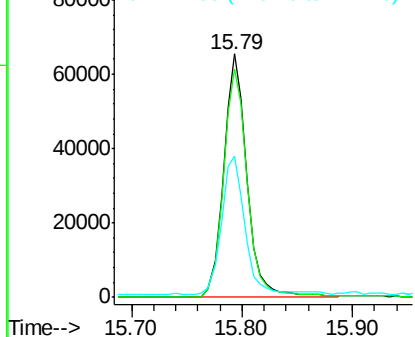
#41
 2,4,6-Tribromophenol
 Concen: 69.88 ng
 RT: 15.79 min Scan# 2230
 Delta R.T. -0.00 min
 Lab File: BG016543.D
 Acq: 19 Apr 2015 4:21

Instrument :
 BNA_G
 ClientSampleId :
 AS-4

Tgt Ion:330 Resp: 96618
 Ion Ratio Lower Upper
 330 100
 332 96.5 75.8 113.6
 141 56.7 46.6 69.8

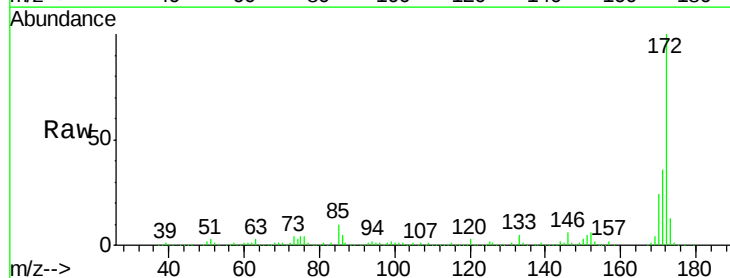


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

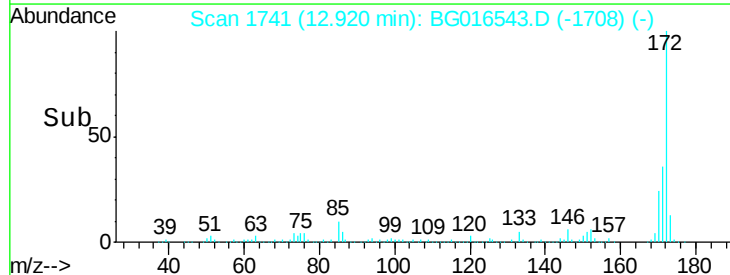
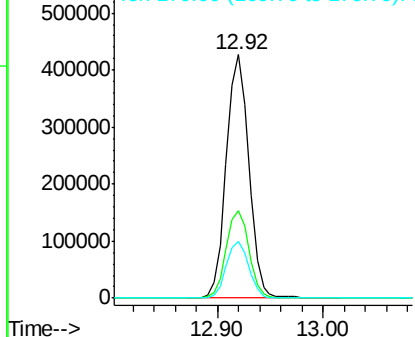


#44
 2-Fluorobiphenyl
 Concen: 52.57 ng
 RT: 12.92 min Scan# 1741
 Delta R.T. -0.00 min
 Lab File: BG016543.D
 Acq: 19 Apr 2015 4:21

Tgt Ion:172 Resp: 631273
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.6 44.4
 170 23.5 19.4 29.2



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





#49

Dimethylphthalate

Concen: 2.41 ng

RT: 13.76 min Scan# 1884

Delta R.T. -0.01 min

Lab File: BG016543.D

Acq: 19 Apr 2015 4:21

Instrument :

BNA_G

ClientSampleId :

AS-4

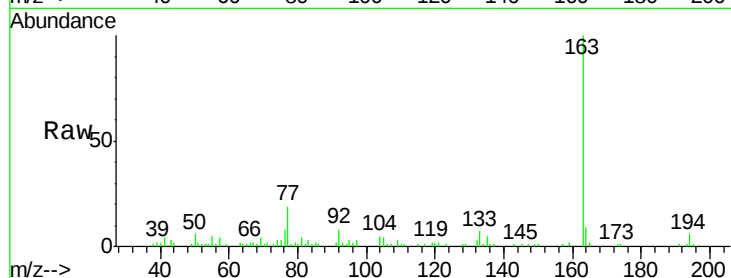
Tgt Ion:163 Resp: 36136

Ion Ratio Lower Upper

163 100

194 6.3 5.0 7.4

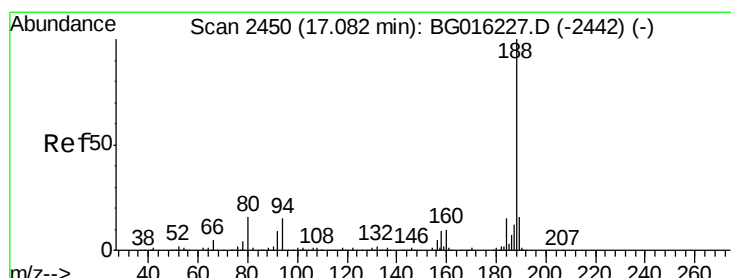
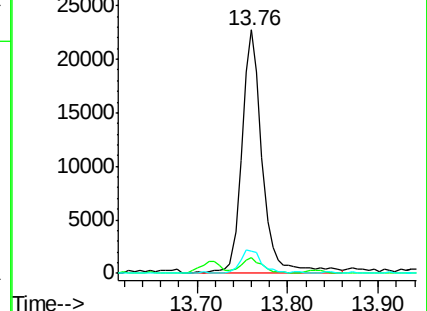
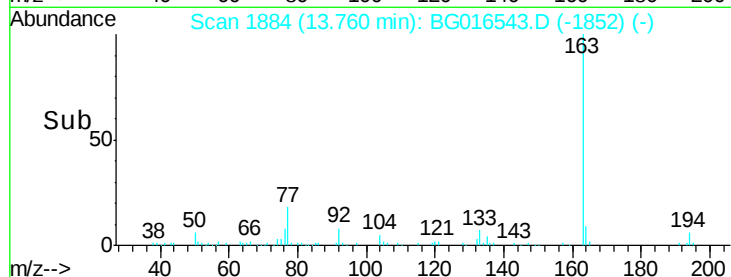
164 9.2 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.04 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG016543.D

Acq: 19 Apr 2015 4:21

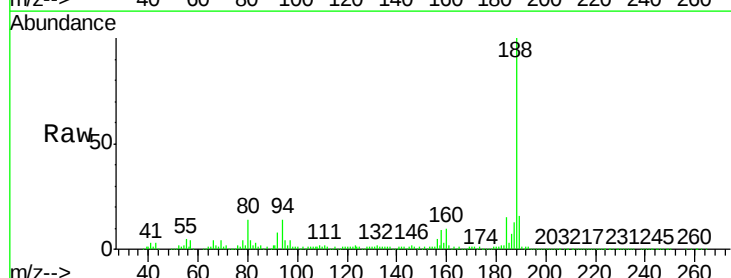
Tgt Ion:188 Resp: 386442

Ion Ratio Lower Upper

188 100

94 14.4 12.2 18.4

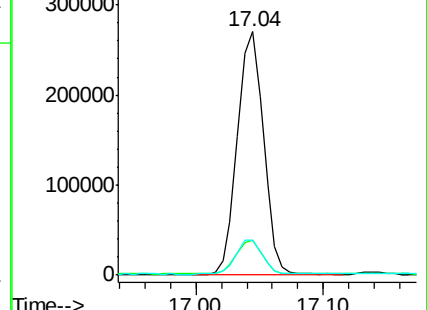
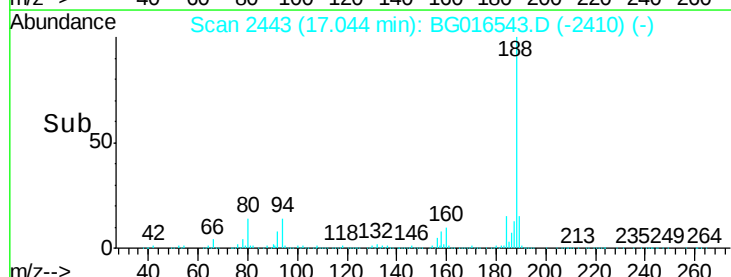
80 14.1 12.8 19.2

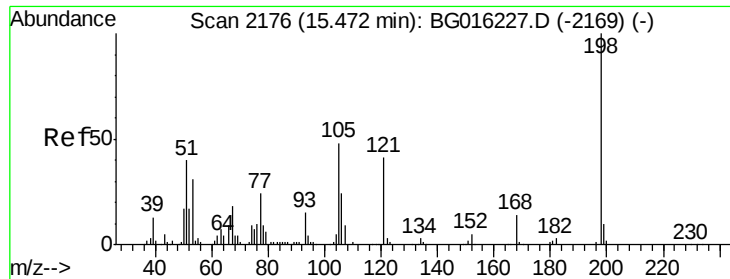


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG0

Ion 80.00 (79.70 to 80.70): BG0

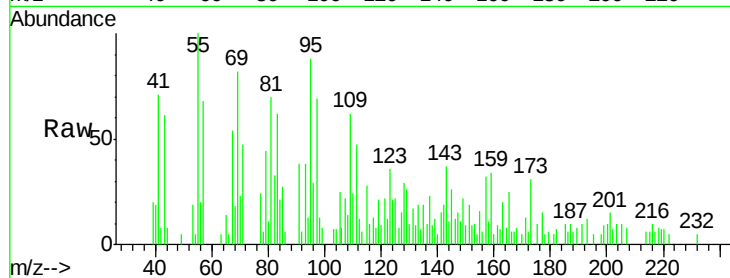




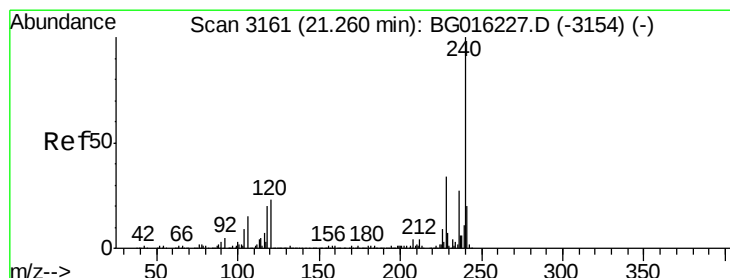
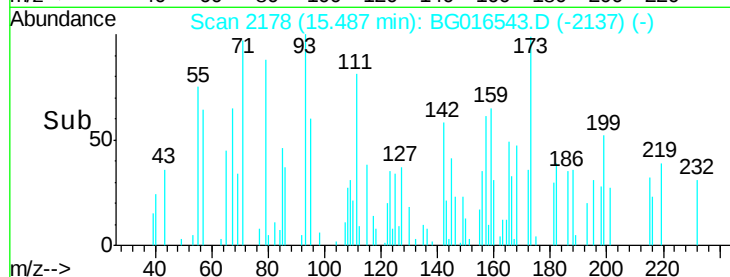
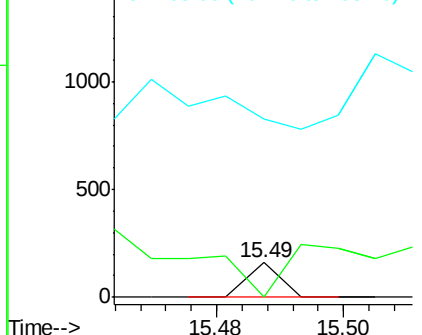
#64
 4,6-Dinitro-2-methylphenol
 Concen: 3.90 ng
 RT: 15.49 min Scan# 2178
 Delta R.T. 0.04 min
 Lab File: BG016543.D
 Acq: 19 Apr 2015 4:21

Instrument :
 BNA_G
 ClientSampleId :
 AS-4

Tgt Ion:198 Resp: 57
 Ion Ratio Lower Upper
 198 100
 51 0.0 20.7 60.7#
 105 511.7 28.8 68.8#

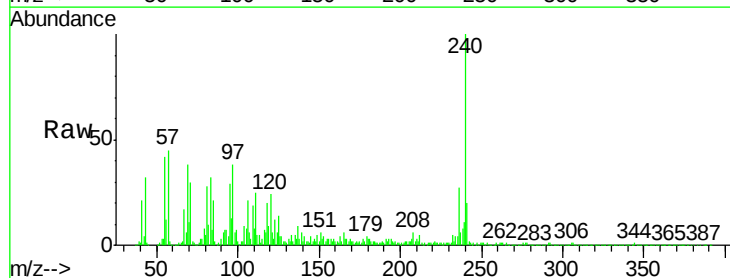


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

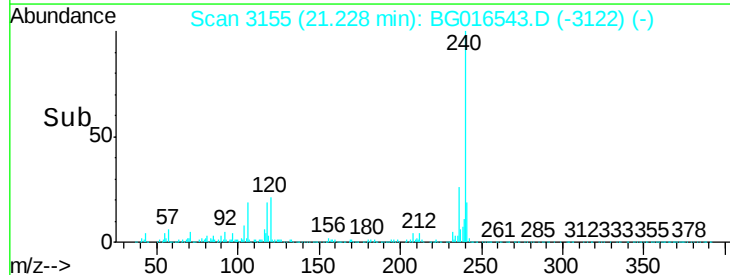
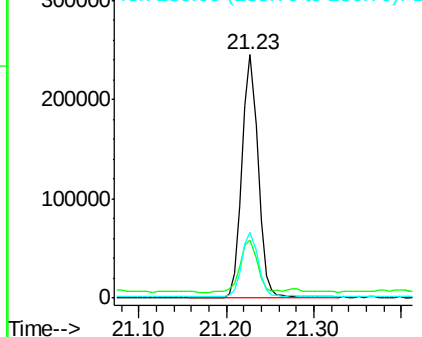


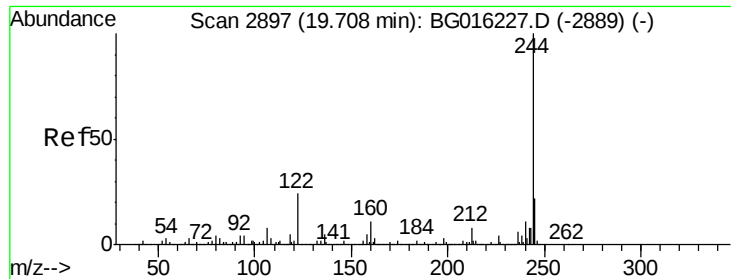
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.23 min Scan# 3155
 Delta R.T. -0.00 min
 Lab File: BG016543.D
 Acq: 19 Apr 2015 4:21

Tgt Ion:240 Resp: 302863
 Ion Ratio Lower Upper
 240 100
 120 23.8 18.6 28.0
 236 26.9 21.7 32.5



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: 48.60 ng

RT: 19.68 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG016543.D

Acq: 19 Apr 2015 4:21

Instrument :

BNA_G

ClientSampleId :

AS-4

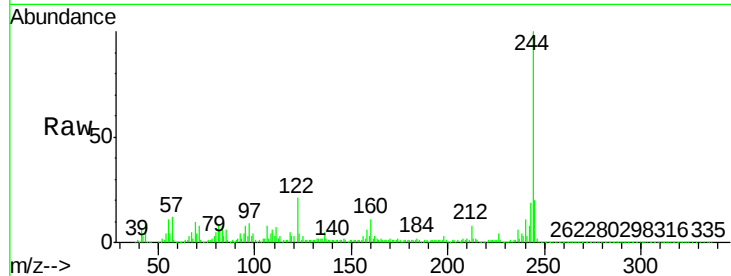
Tgt Ion:244 Resp: 628973

Ion Ratio Lower Upper

244 100

212 8.3 6.6 9.8

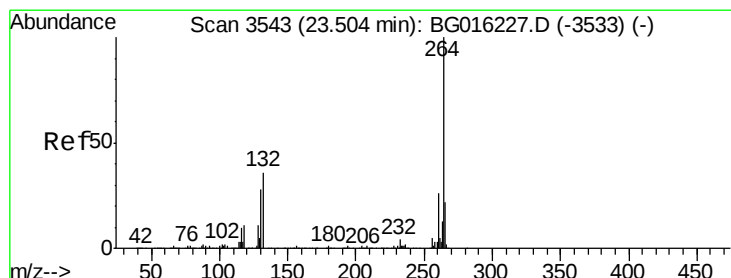
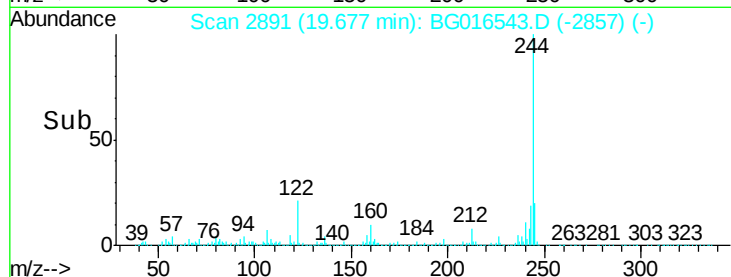
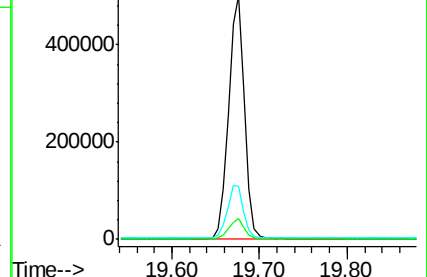
122 21.5 19.1 28.7



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: 23.47 min Scan# 3536

Delta R.T. 0.01 min

Lab File: BG016543.D

Acq: 19 Apr 2015 4:21

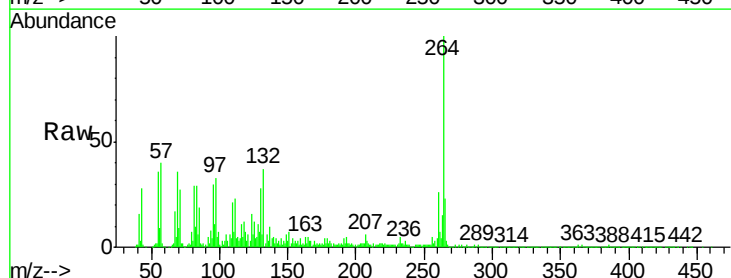
Tgt Ion:264 Resp: 294435

Ion Ratio Lower Upper

264 100

260 25.9 20.4 30.6

265 22.6 17.2 25.8



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

