

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG071916\
 Data File : BG023174.D
 Acq On : 19 Jul 2016 13:26
 Operator : UM/SJ
 Sample : H4044-01
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 G9-B2(6-12)C

Quant Time: Jul 21 19:12:31 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jul 19 15:46:37 2016
 Response via : Initial Calibration

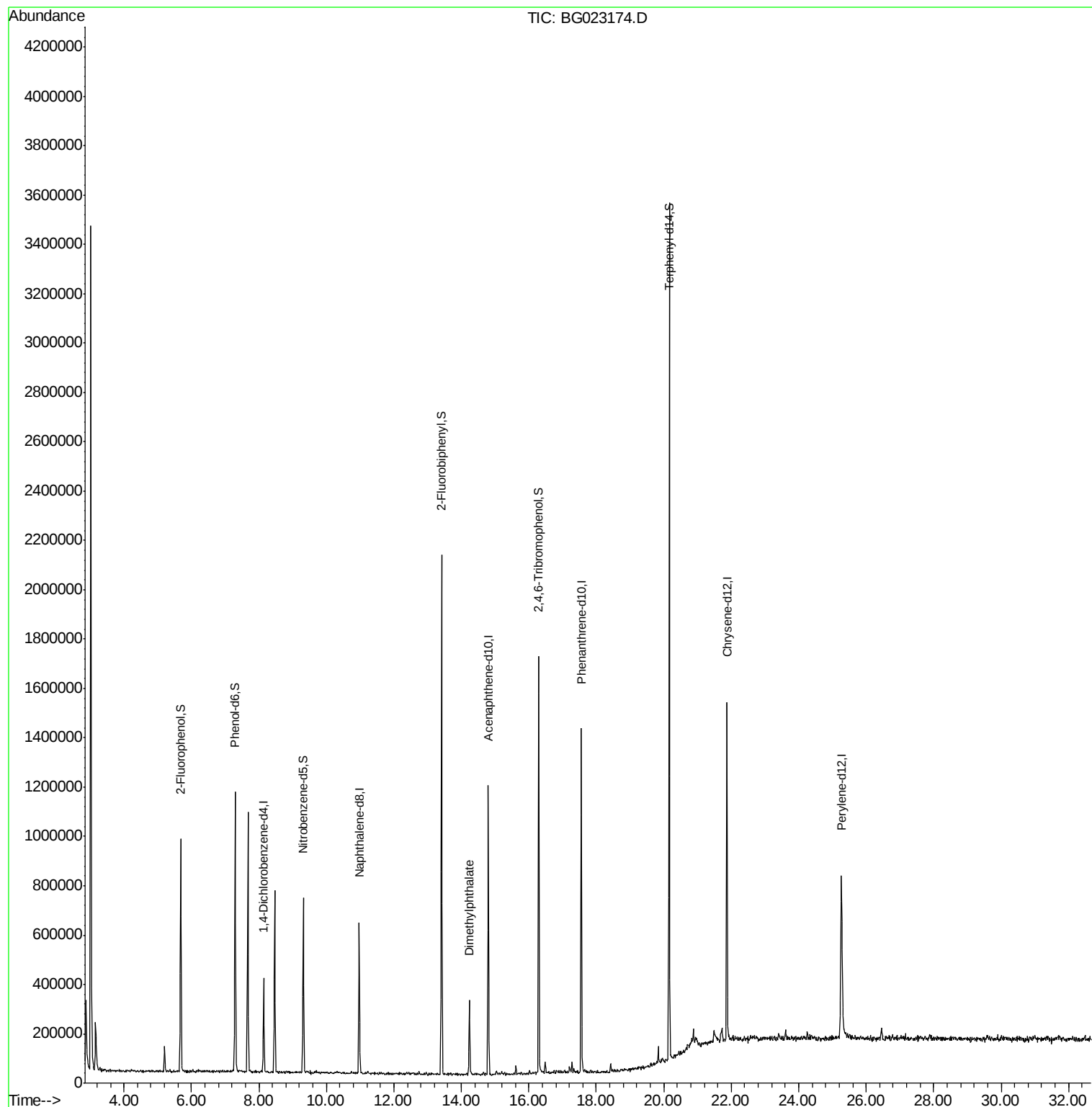
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	95869	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	489608	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	375423	20.00	ng	0.00
63) Phenanthrene-d10	17.55	188	852121	20.00	ng	0.00
75) Chrysene-d12	21.87	240	845364	20.00	ng	0.00
86) Perylene-d12	25.27	264	814519	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.68	112	385380	65.75	ng	0.00
7) Phenol-d6	7.29	99	637538	69.44	ng	0.00
23) Nitrobenzene-d5	9.32	82	480265	42.00	ng	0.00
41) 2,4,6-Tribromophenol	16.30	330	302979	44.90	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1051065	44.10	ng	0.00
78) Terphenyl-d14	20.16	244	1437406	44.30	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.24	163	192695	6.28	ng	Qvalue 98

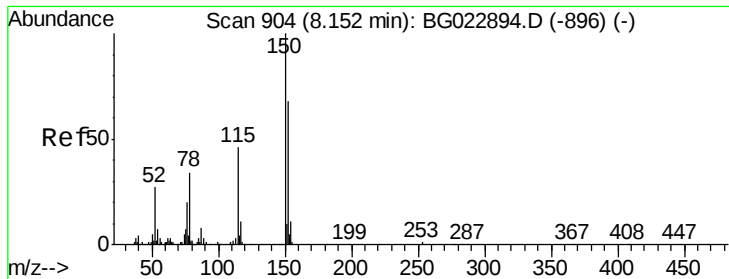
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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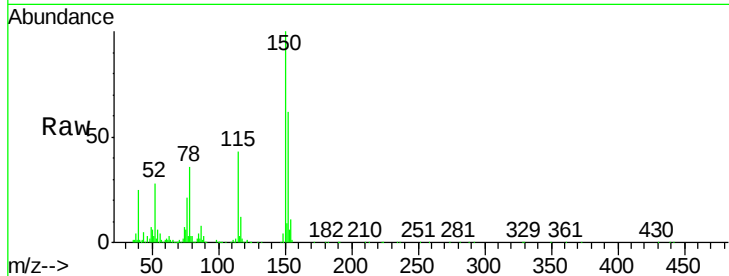


#1

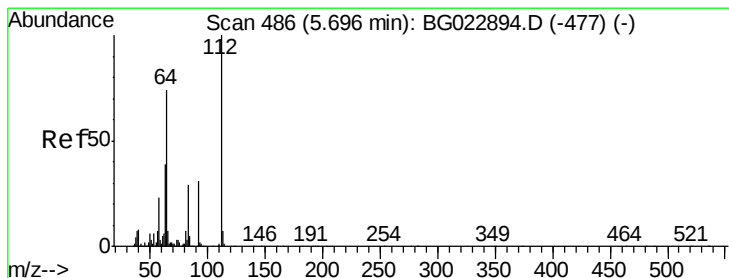
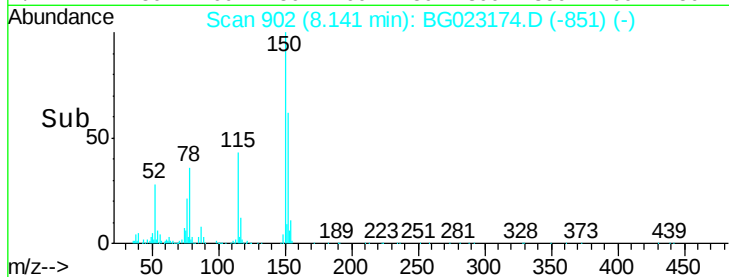
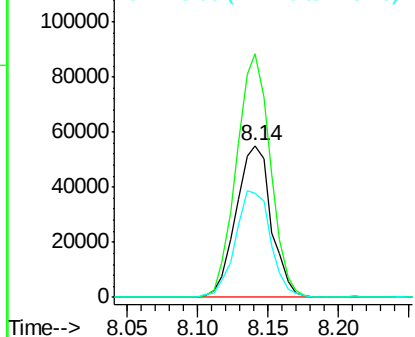
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.14 min Scan# 902
Delta R.T. -0.00 min
Lab File: BG023174.D
Acq: 19 Jul 2016 13:26

Instrument :
BNA_G
ClientSampleId :
G9-B2(6-12)C

Tgt Ion:152 Resp: 95869
Ion Ratio Lower Upper
152 100
150 160.5 144.7 217.1
115 68.9 64.0 96.0



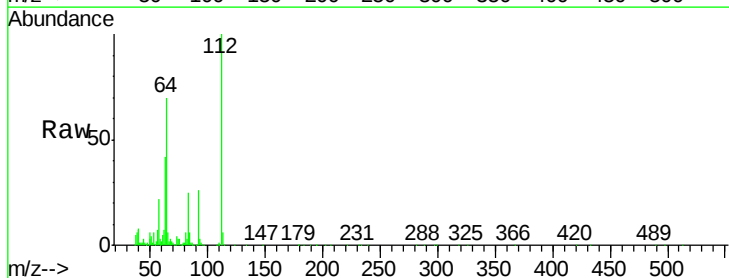
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



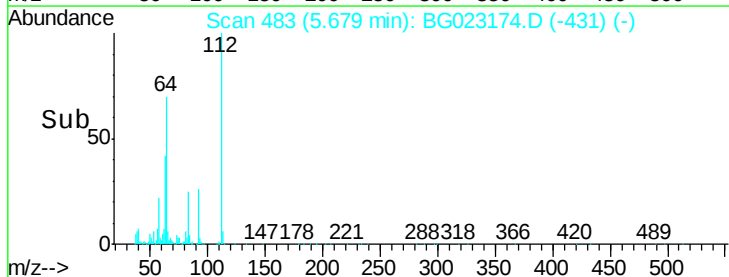
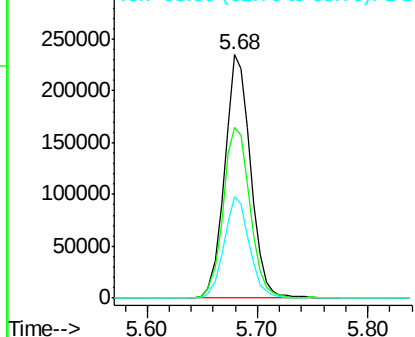
#5

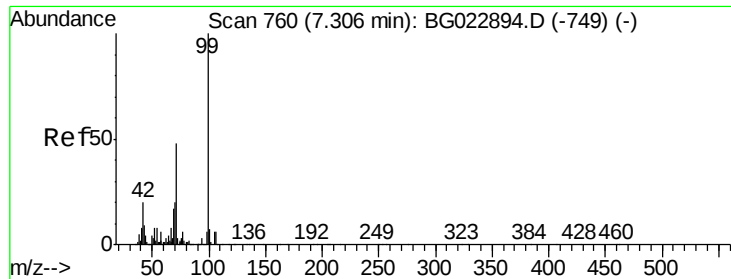
2-Fluorophenol
Concen: 65.75 ng
RT: 5.68 min Scan# 483
Delta R.T. 0.00 min
Lab File: BG023174.D
Acq: 19 Jul 2016 13:26

Tgt Ion:112 Resp: 385380
Ion Ratio Lower Upper
112 100
64 70.1 59.0 88.4
63 41.8 37.8 56.8



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: 69.44 ng

RT: 7.29 min Scan# 758

Delta R.T. -0.00 min

Lab File: BG023174.D

Acq: 19 Jul 2016 13:26

Instrument :

BNA_G

ClientSampleId :

G9-B2(6-12)C

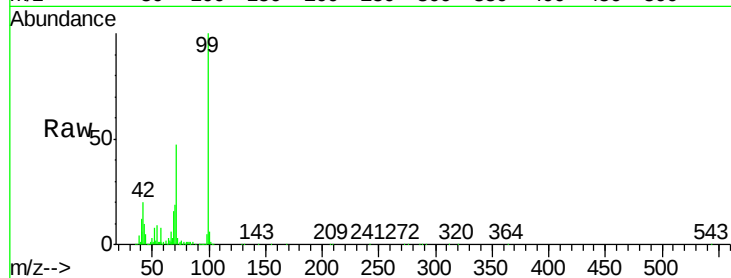
Tgt Ion: 99 Resp: 637538

Ion Ratio Lower Upper

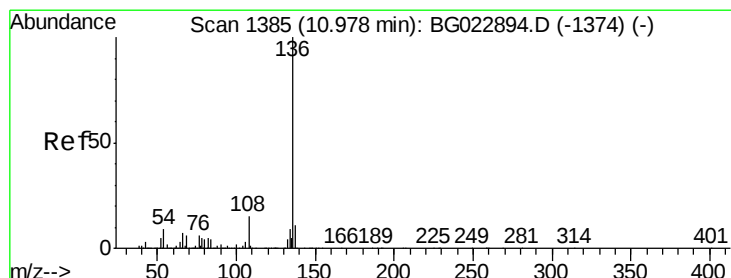
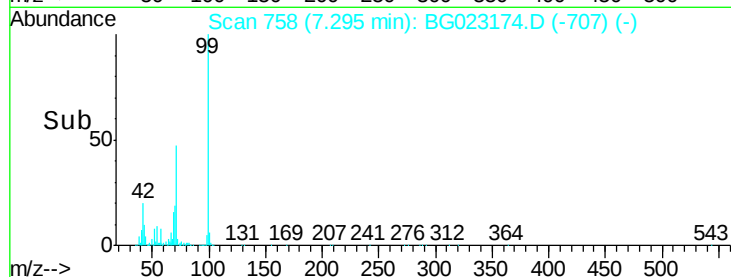
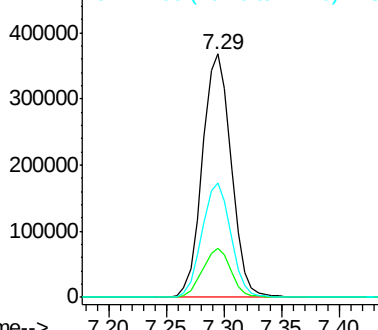
99 100

42 20.2 17.8 26.6

71 46.9 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: 10.97 min Scan# 1384

Delta R.T. -0.00 min

Lab File: BG023174.D

Acq: 19 Jul 2016 13:26

Tgt Ion: 136 Resp: 489608

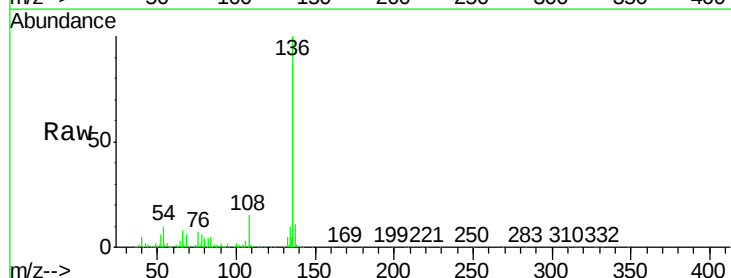
Ion Ratio Lower Upper

136 100

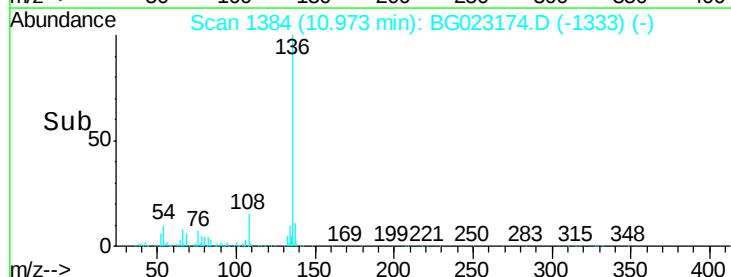
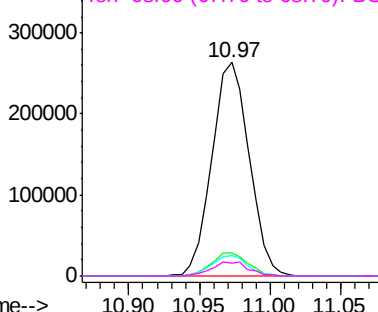
137 10.8 9.6 14.4

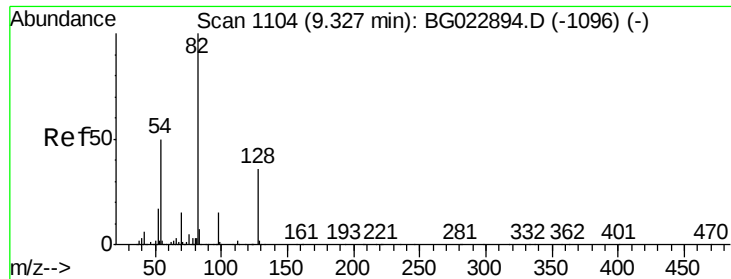
54 9.8 7.3 10.9

68 6.2 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

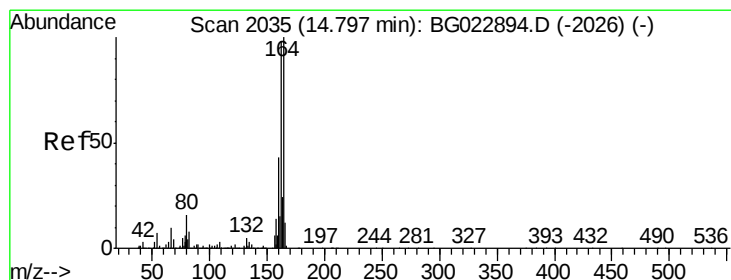
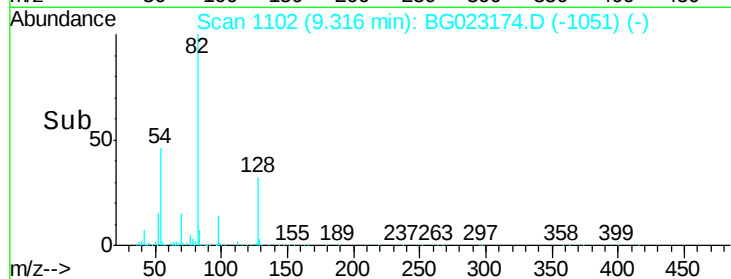
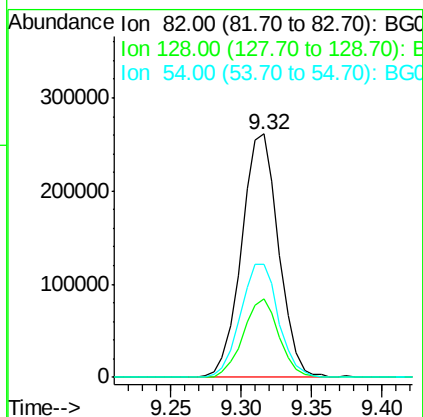
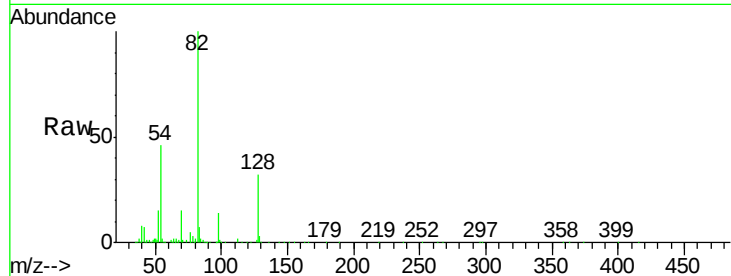




#23
 Nitrobenzene-d5
 Concen: 42.00 ng
 RT: 9.32 min Scan# 1102
 Delta R.T. -0.00 min
 Lab File: BG023174.D
 Acq: 19 Jul 2016 13:26

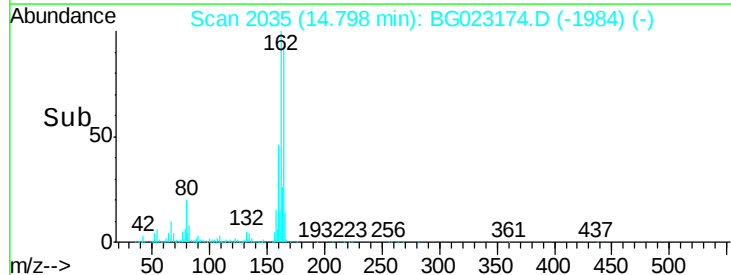
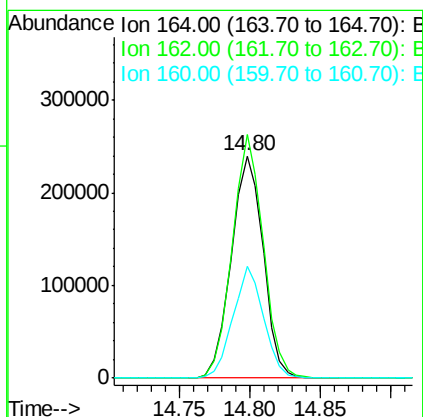
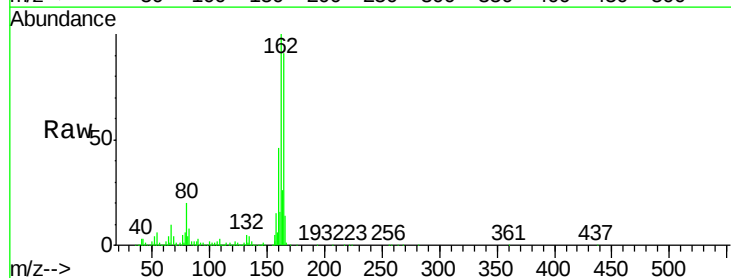
Instrument :
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 ClientSampleId :
 G9-B2(6-12)C

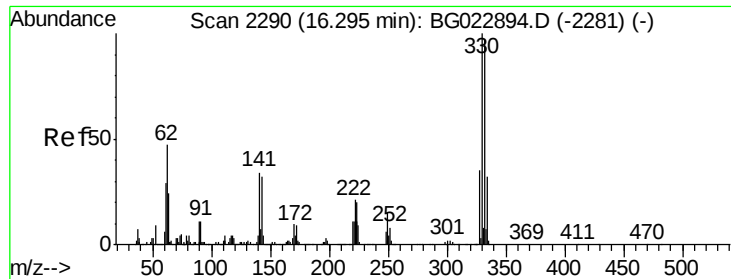
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.0	24.4	36.6
54	46.3	41.4	62.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.80 min Scan# 2035
 Delta R.T. -0.00 min
 Lab File: BG023174.D
 Acq: 19 Jul 2016 13:26

Tgt Ion	Ratio	Lower	Upper
164	100		
162	109.6	87.7	131.5
160	50.6	37.2	55.8

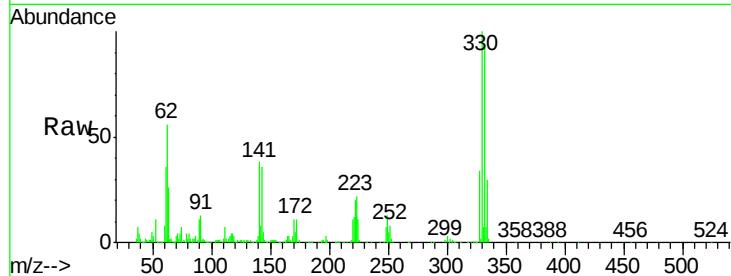




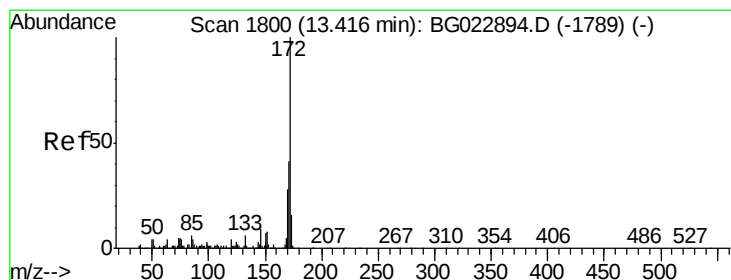
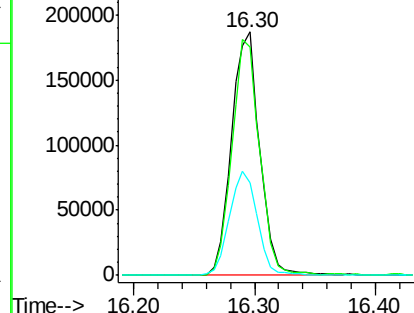
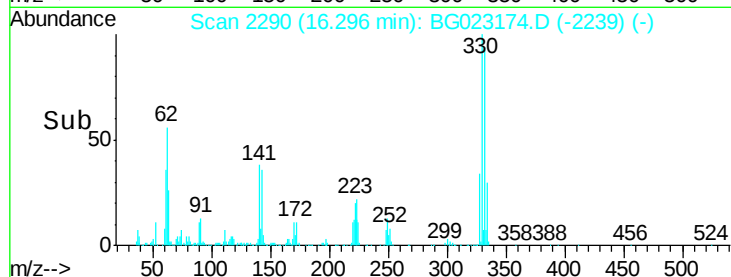
#41
 2,4,6-Tribromophenol
 Concen: 44.90 ng
 RT: 16.30 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG023174.D
 Acq: 19 Jul 2016 13:26

Instrument :
 BNA_G
 ClientSampleId :
 G9-B2(6-12)C

Tgt Ion:330 Resp: 302979
 Ion Ratio Lower Upper
 330 100
 332 94.8 77.4 116.2
 141 42.0 31.7 47.5

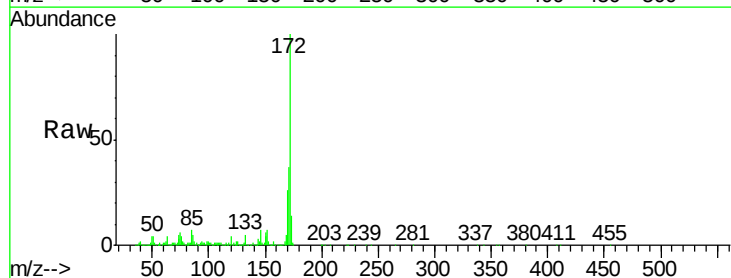


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

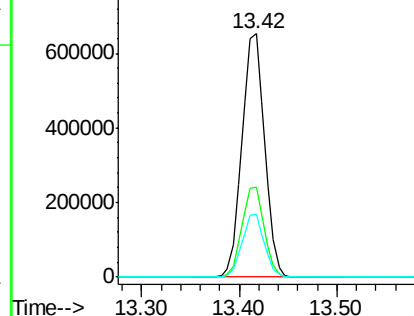
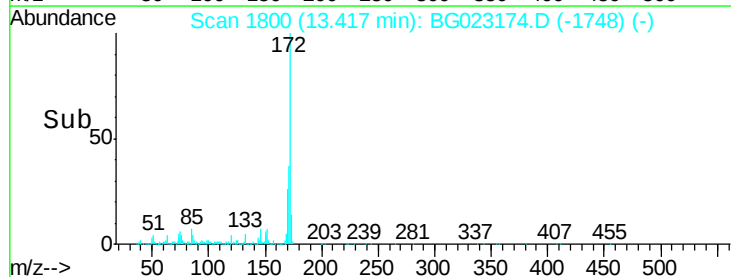


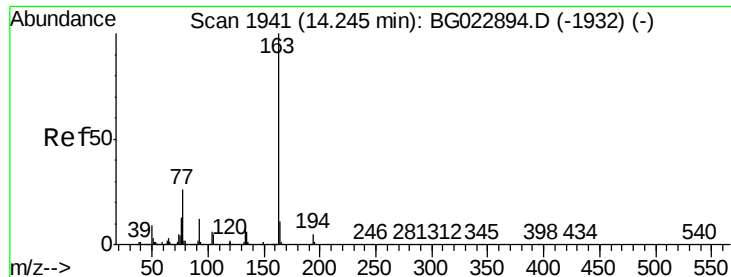
#44
 2-Fluorobiphenyl
 Concen: 44.10 ng
 RT: 13.42 min Scan# 1800
 Delta R.T. 0.00 min
 Lab File: BG023174.D
 Acq: 19 Jul 2016 13:26

Tgt Ion:172 Resp: 1051065
 Ion Ratio Lower Upper
 172 100
 171 37.0 31.6 47.4
 170 26.0 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

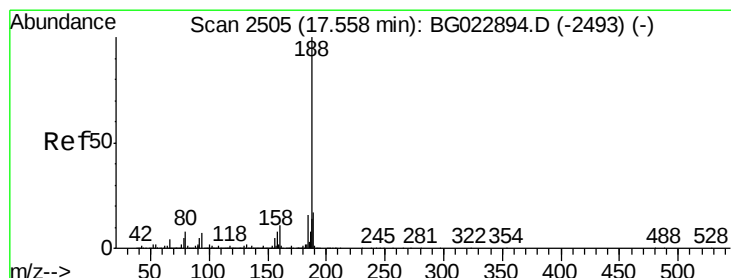
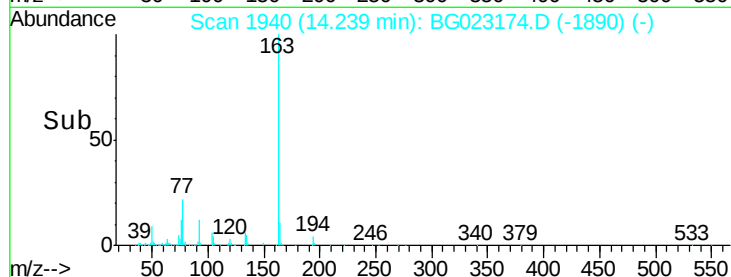
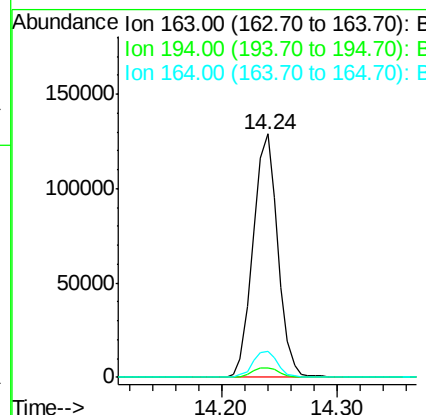
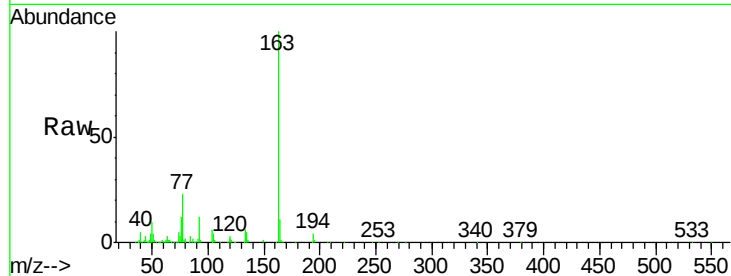




#49
Dimethylphthalate
Concen: 6.28 ng
RT: 14.24 min Scan# 1940
Delta R.T. -0.01 min
Lab File: BG023174.D
Acq: 19 Jul 2016 13:26

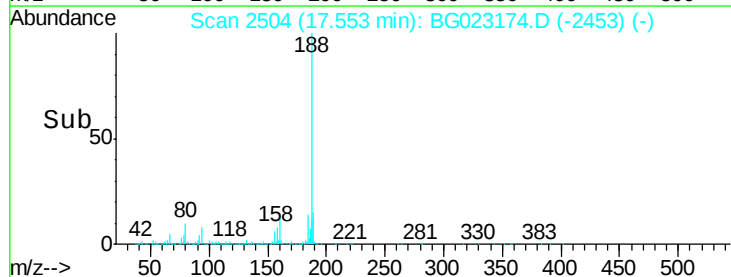
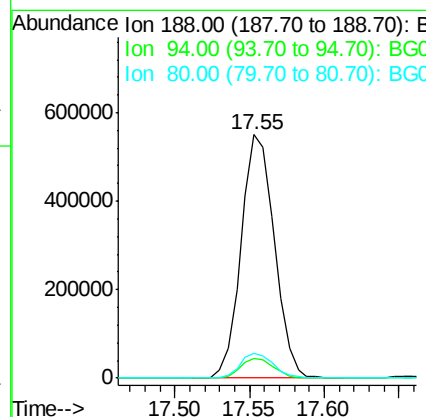
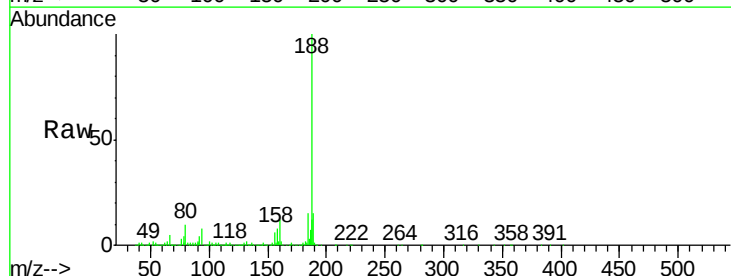
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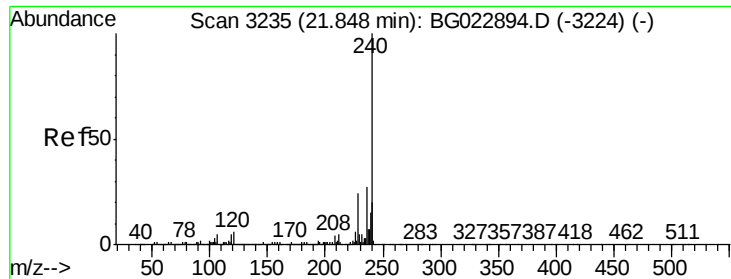
Tgt Ion	Ratio	Lower	Upper
163	100		
194	3.6	3.6	5.4
164	10.8	8.1	12.1



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.55 min Scan# 2504
Delta R.T. -0.00 min
Lab File: BG023174.D
Acq: 19 Jul 2016 13:26

Tgt Ion	Ratio	Lower	Upper
188	100		
94	8.2	5.2	7.8#
80	10.0	7.2	10.8

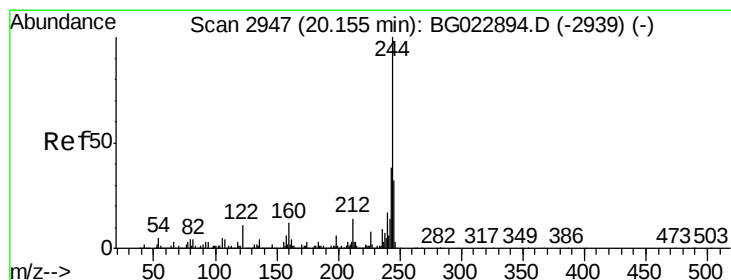
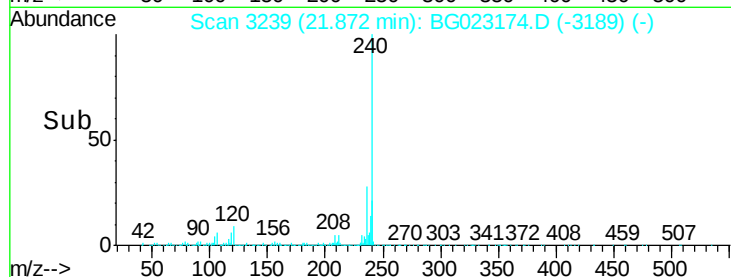
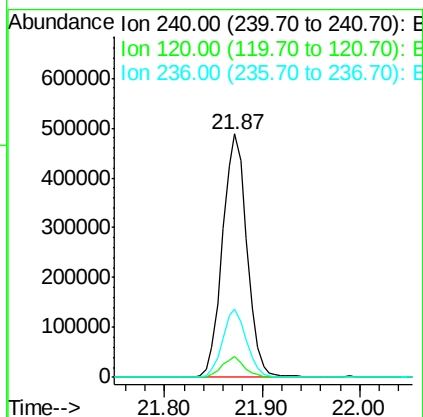
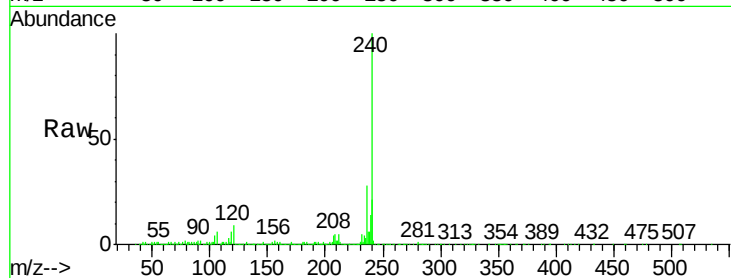




#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.87 min Scan# 3239
Delta R.T. -0.01 min
Lab File: BG023174.D
Acq: 19 Jul 2016 13:26

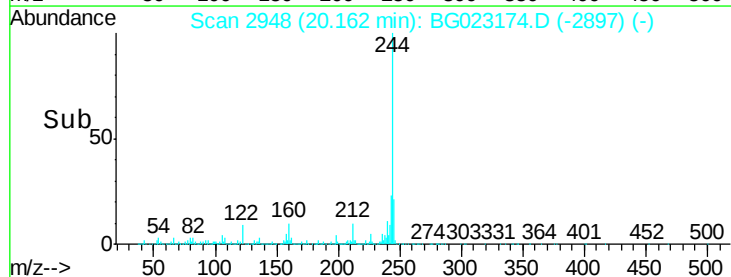
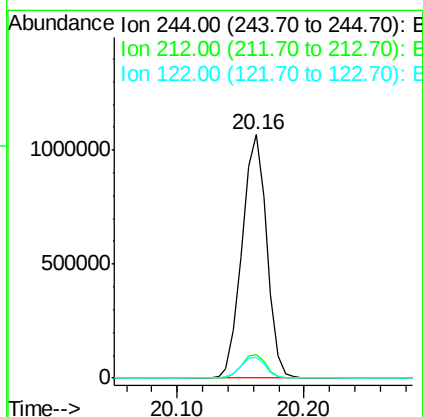
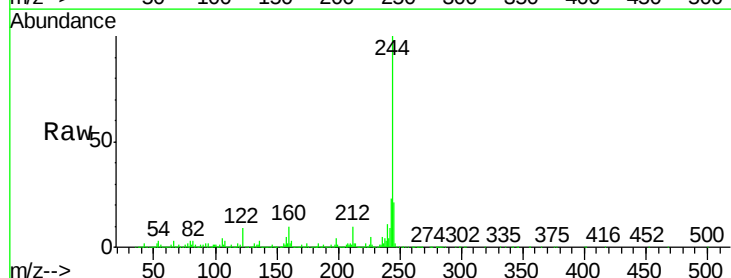
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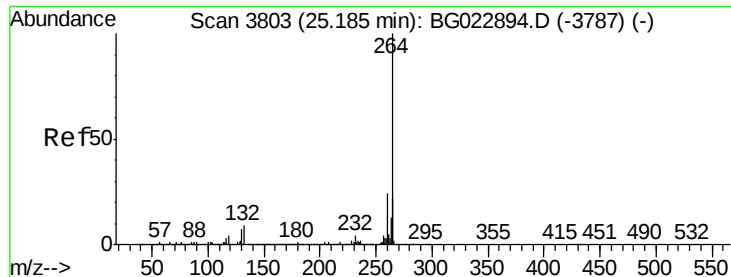
Tgt Ion:240 Resp: 845364
Ion Ratio Lower Upper
240 100
120 8.8 4.1 6.1#
236 28.2 21.1 31.7



#78
Terphenyl-d14
Concen: 44.30 ng
RT: 20.16 min Scan# 2948
Delta R.T. -0.00 min
Lab File: BG023174.D
Acq: 19 Jul 2016 13:26

Tgt Ion:244 Resp: 1437406
Ion Ratio Lower Upper
244 100
212 9.8 10.8 16.2#
122 8.7 8.0 12.0





#86

Perylene-d12

Concen: 20.00 ng

RT: 25.27 min Scan# 3818

Delta R.T. 0.00 min

Lab File: BG023174.D

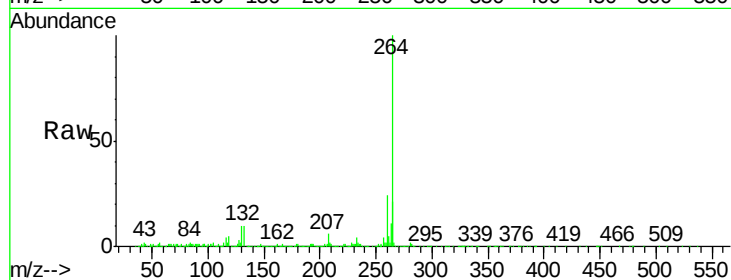
Acq: 19 Jul 2016 13:26

Instrument :

BNA_G

ClientSampleId :

G9-B2(6-12)C



Tgt Ion:264 Resp: 814519

Ion Ratio Lower Upper

264 100

260 24.1 18.4 27.6

265 21.4 18.9 28.3

