

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG032117\
 Data File : BG026366.D
 Acq On : 21 Mar 2017 20:02
 Operator : SJ/MA
 Sample : PB97721BL
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BL

Quant Time: Mar 22 05:15:16 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG032017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 20 17:43:27 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	114676	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	468824	20.00	ng	0.00
38) Acenaphthene-d10	14.65	164	273460	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	683580	20.00	ng	0.00
75) Chrysene-d12	21.63	240	857620	20.00	ng	-0.01
86) Perylene-d12	24.81	264	823841	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	926381	143.38	ng	0.00
7) Phenol-d6	7.21	99	1209619	139.45	ng	0.00
23) Nitrobenzene-d5	9.20	82	636819	81.67	ng	0.00
41) 2,4,6-Tribromophenol	16.13	330	493596	157.62	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	1769974	90.77	ng	0.00
78) Terphenyl-d14	19.98	244	2670819	75.63	ng	0.00

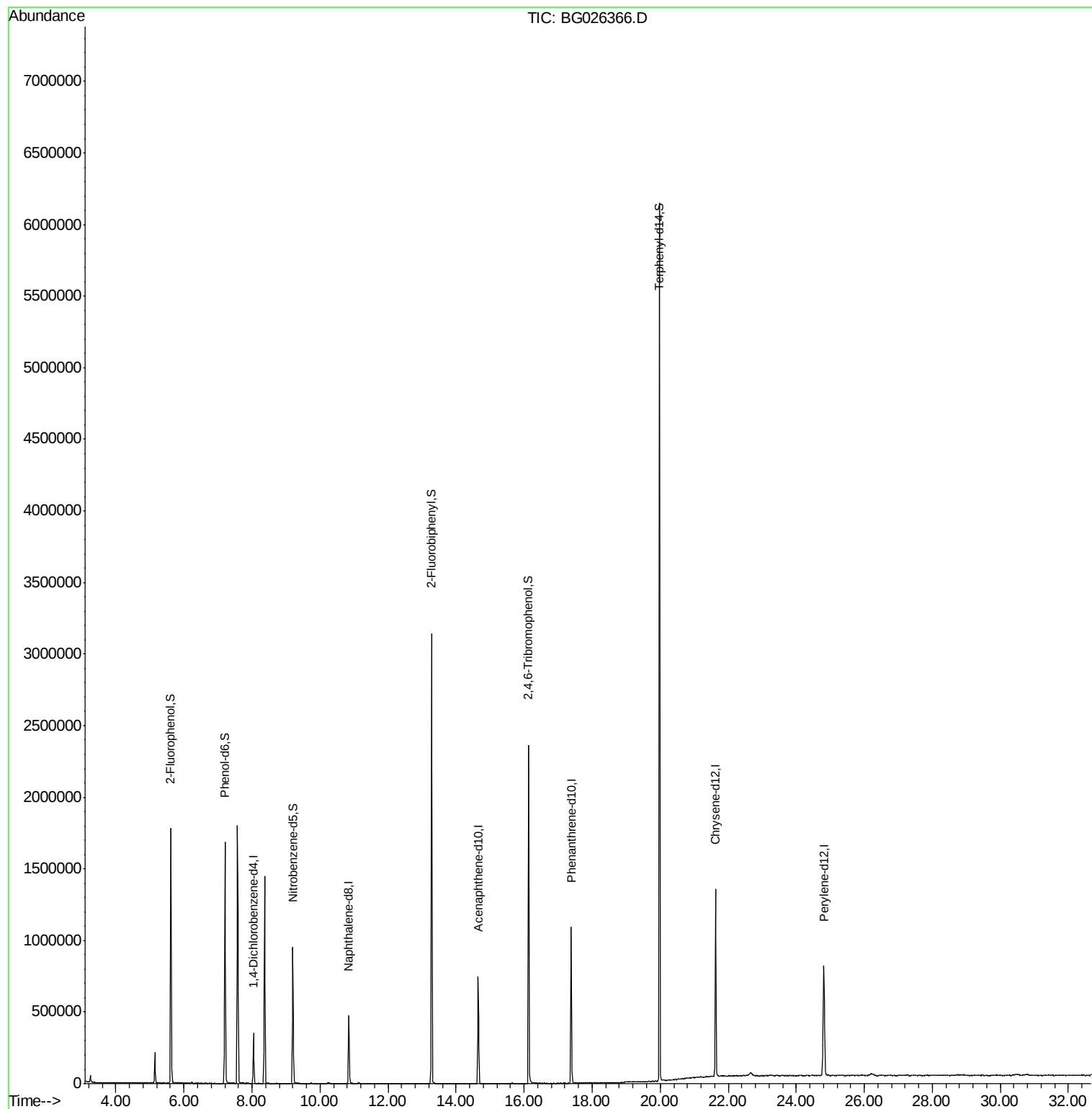
Target Compounds	Qvalue
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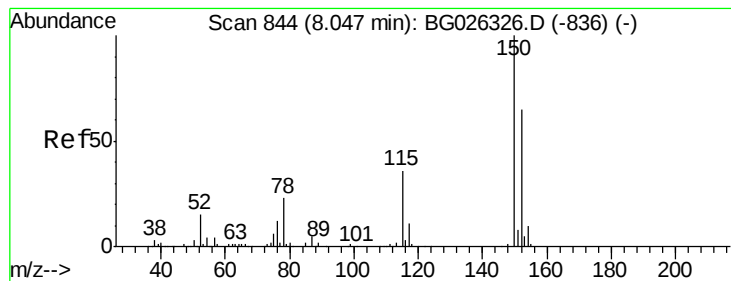
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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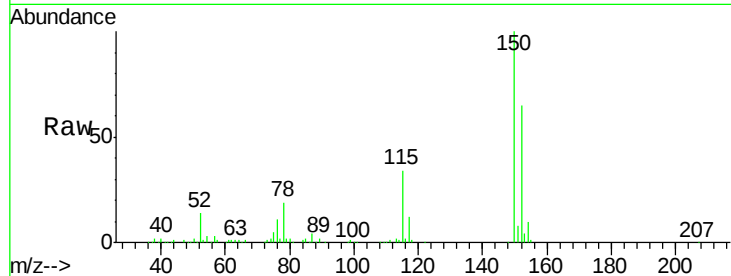


#1

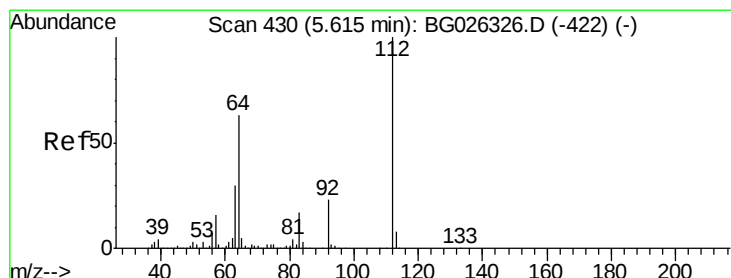
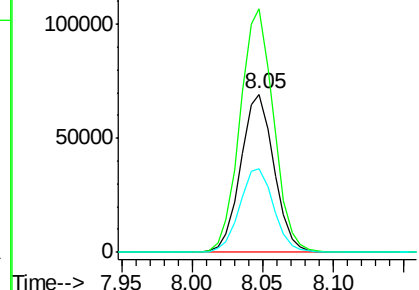
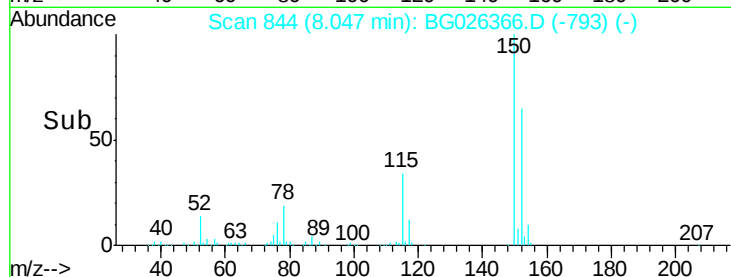
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 844
Delta R.T. 0.00 min
Lab File: BG026366.D
Acq: 21 Mar 2017 20:02

Instrument :
BNA_G
ClientSampleId :
PB97721BL

Tgt Ion:152 Resp: 114676
Ion Ratio Lower Upper
152 100
150 154.1 114.0 171.0
115 52.6 48.1 72.1



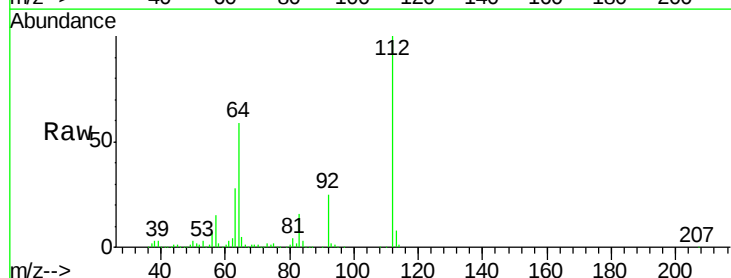
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



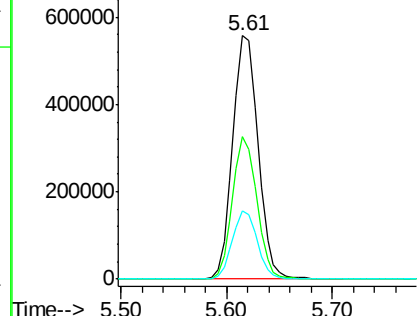
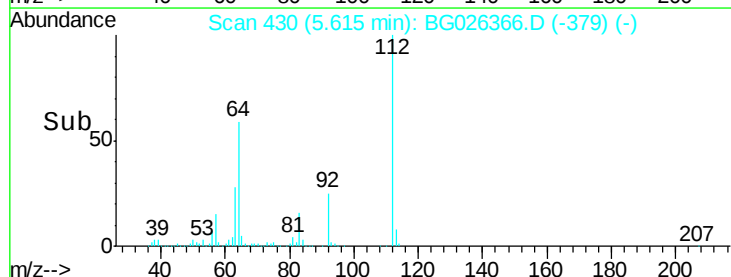
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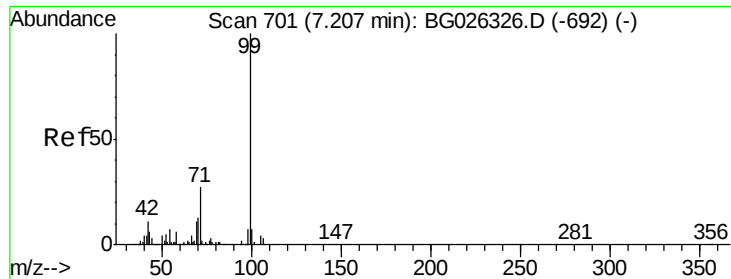
2-Fluorophenol
Concen: 143.38 ng
RT: 5.61 min Scan# 430
Delta R.T. 0.00 min
Lab File: BG026366.D
Acq: 21 Mar 2017 20:02

Tgt Ion:112 Resp: 926381
Ion Ratio Lower Upper
112 100
64 58.7 61.8 92.6#
63 27.9 37.2 55.8#



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: 139.45 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG026366.D

Acq: 21 Mar 2017 20:02

Instrument :

BNA_G

ClientSampleId :

PB97721BL

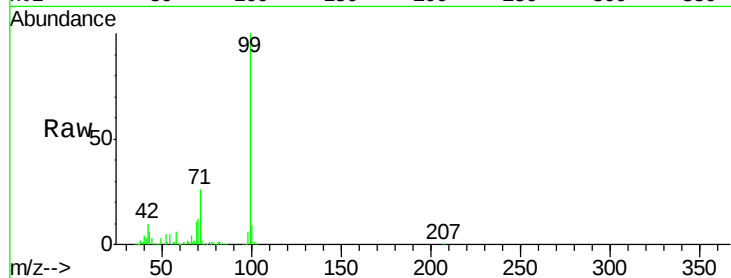
Tgt Ion: 99 Resp: 1209619

Ion Ratio Lower Upper

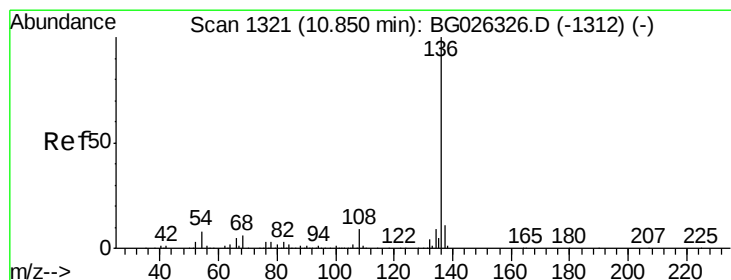
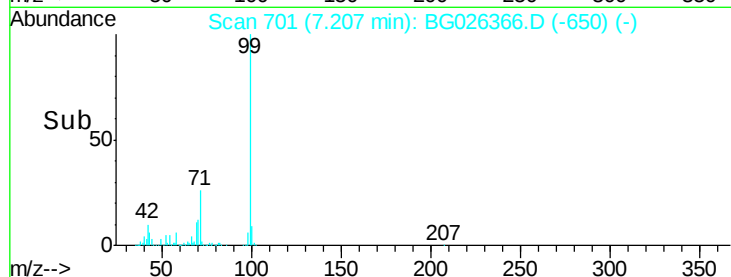
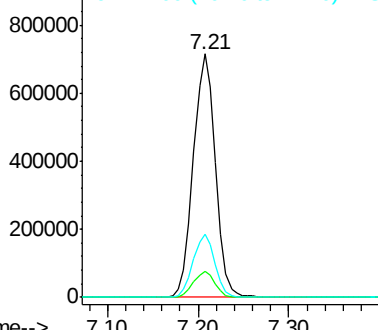
99 100

42 10.5 20.5 30.7#

71 25.9 37.6 56.4#



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: 10.84 min Scan# 1320

Delta R.T. -0.01 min

Lab File: BG026366.D

Acq: 21 Mar 2017 20:02

Tgt Ion: 136 Resp: 468824

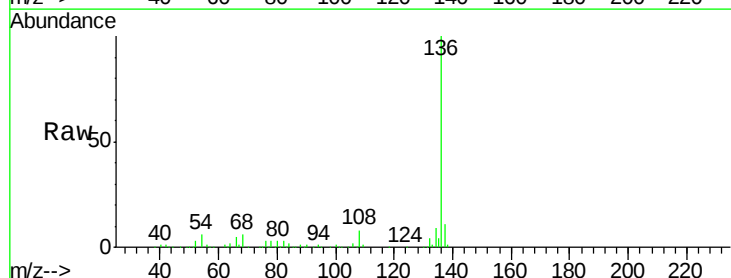
Ion Ratio Lower Upper

136 100

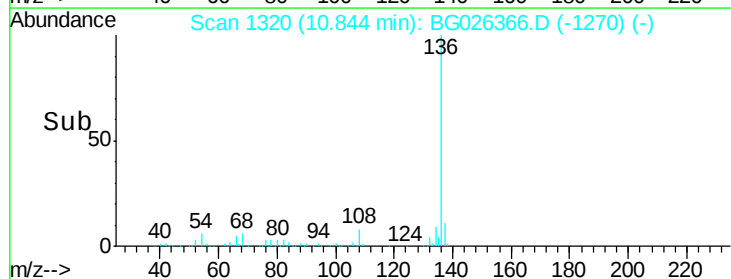
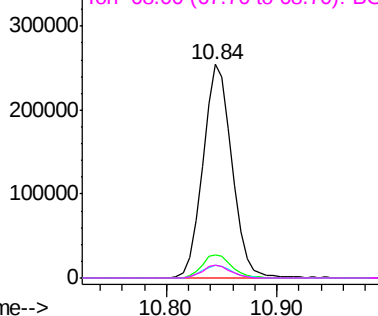
137 10.8 8.9 13.3

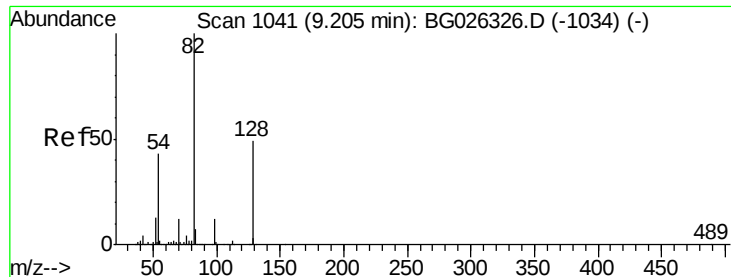
54 6.0 9.3 13.9#

68 6.0 5.1 7.7



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

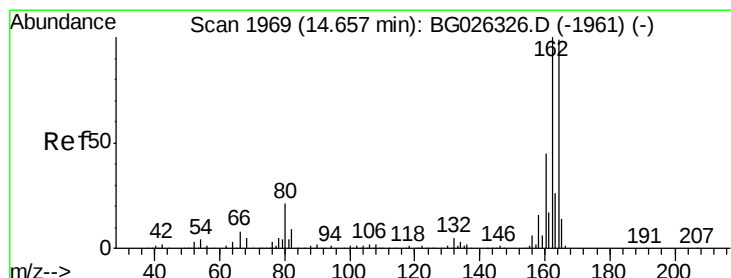
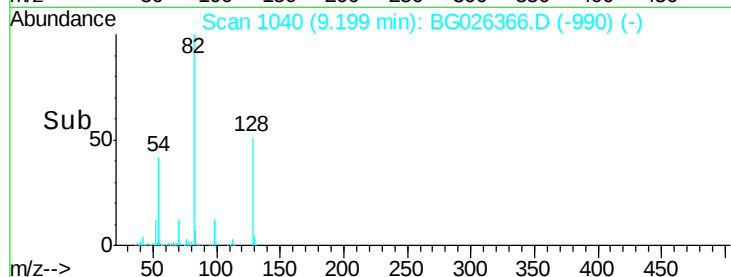
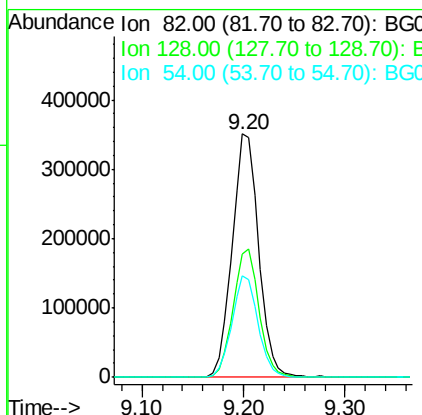
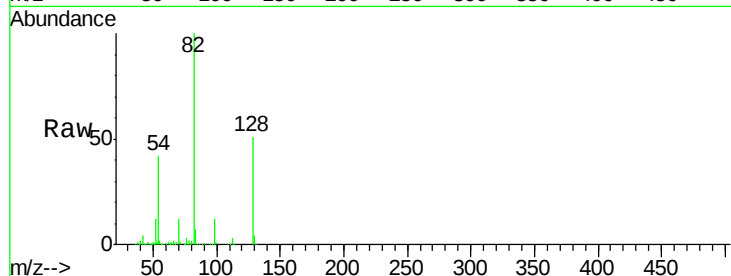




#23
 Nitrobenzene-d5
 Concen: 81.67 ng
 RT: 9.20 min Scan# 1040
 Delta R.T. -0.01 min
 Lab File: BG026366.D
 Acq: 21 Mar 2017 20:02

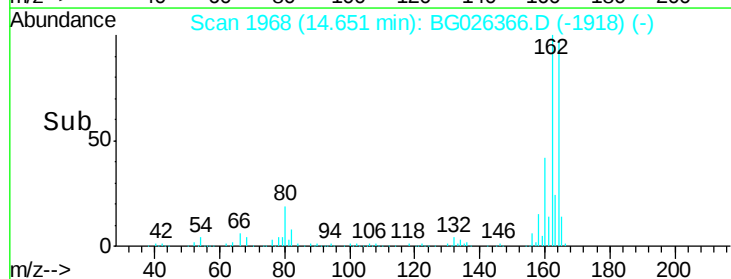
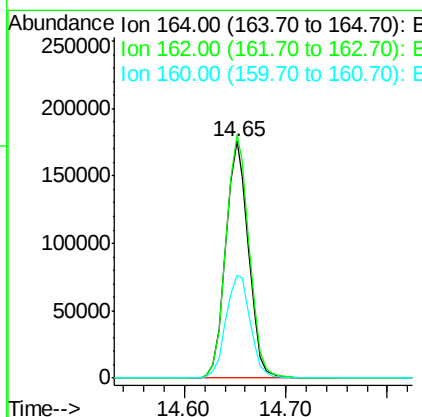
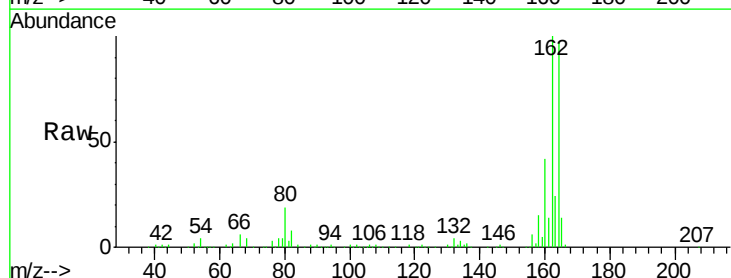
Instrument :
 BNA_G
 ClientSampleId :
 PB97721BL

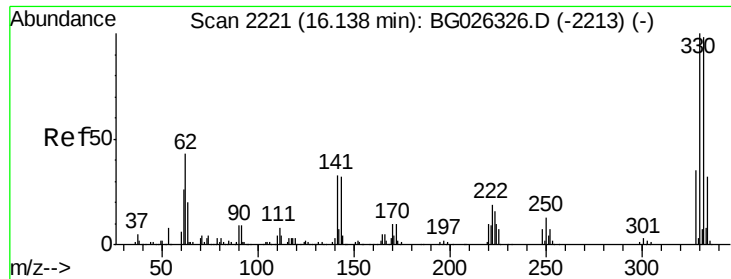
Tgt Ion: 82 Resp: 636819
 Ion Ratio Lower Upper
 82 100
 128 50.5 26.4 39.6#
 54 41.6 49.4 74.2#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.01 min
 Lab File: BG026366.D
 Acq: 21 Mar 2017 20:02

Tgt Ion: 164 Resp: 273460
 Ion Ratio Lower Upper
 164 100
 162 102.8 85.1 127.7
 160 43.5 34.7 52.1

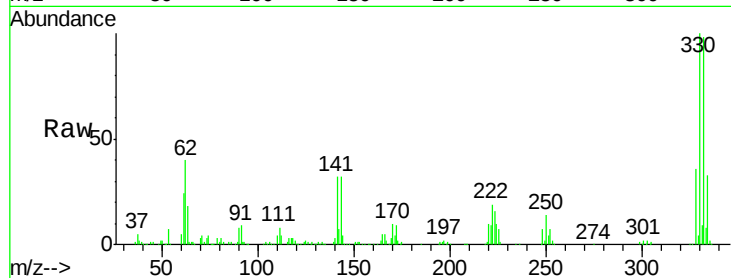




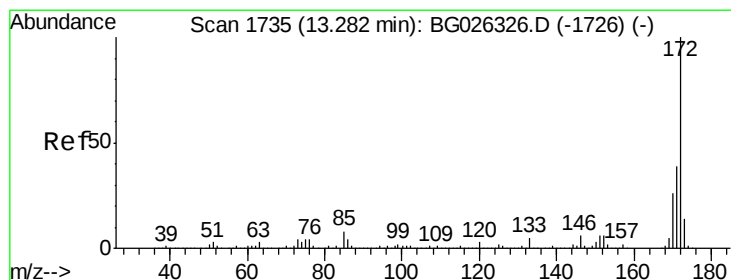
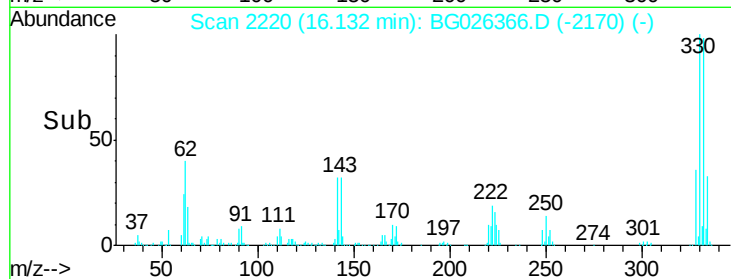
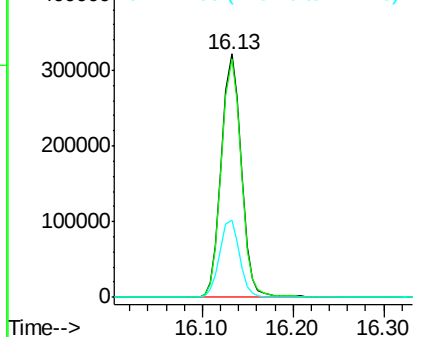
#41
 2,4,6-Tribromophenol
 Concen: 157.62 ng
 RT: 16.13 min Scan# 2220
 Delta R.T. -0.01 min
 Lab File: BG026366.D
 Acq: 21 Mar 2017 20:02

Instrument :
 BNA_G
 ClientSampleId :
 PB97721BL

Tgt Ion:330 Resp: 493596
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.3 115.9
 141 31.8 32.1 48.1#

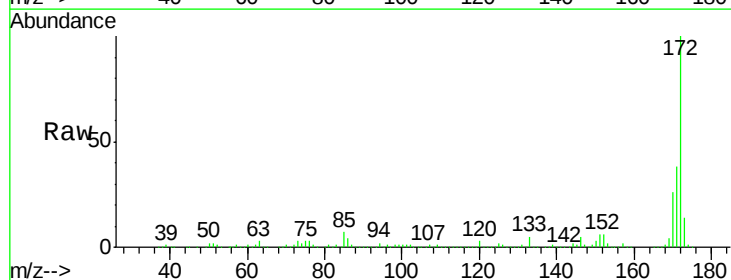


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

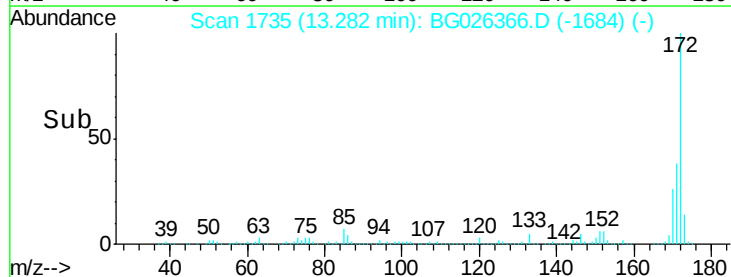
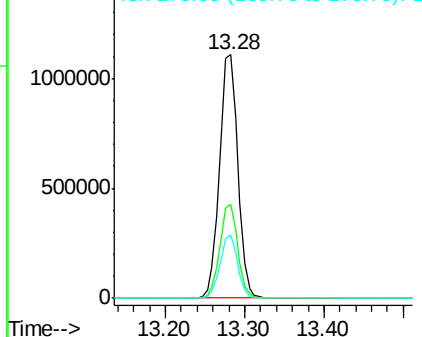


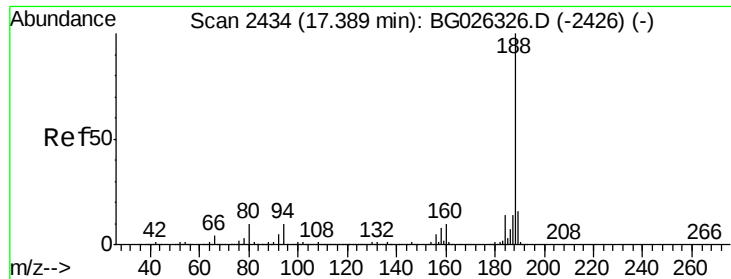
#44
 2-Fluorobiphenyl
 Concen: 90.77 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. 0.00 min
 Lab File: BG026366.D
 Acq: 21 Mar 2017 20:02

Tgt Ion:172 Resp: 1769974
 Ion Ratio Lower Upper
 172 100
 171 38.5 32.2 48.2
 170 25.9 21.8 32.6



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

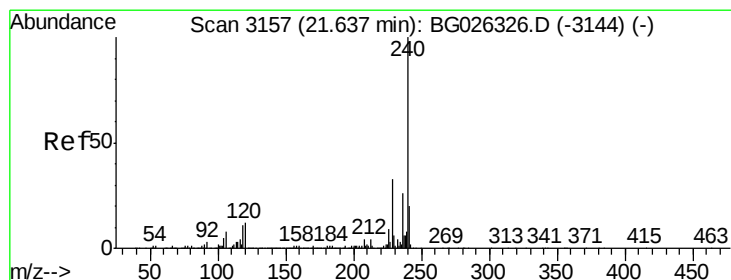
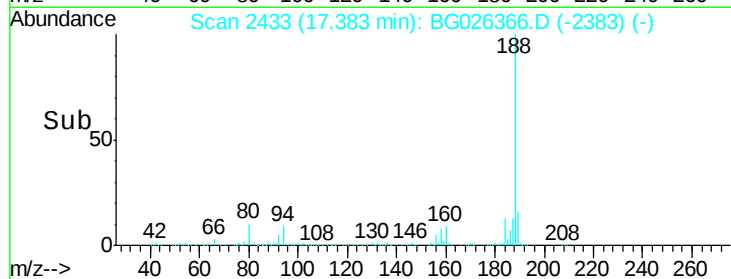
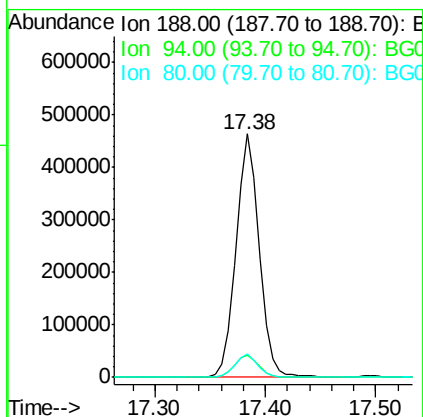
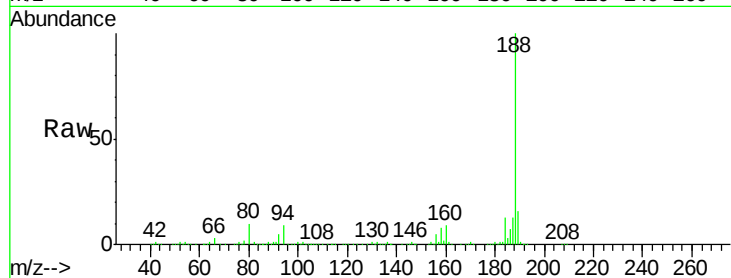




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2433
Delta R.T. -0.01 min
Lab File: BG026366.D
Acq: 21 Mar 2017 20:02

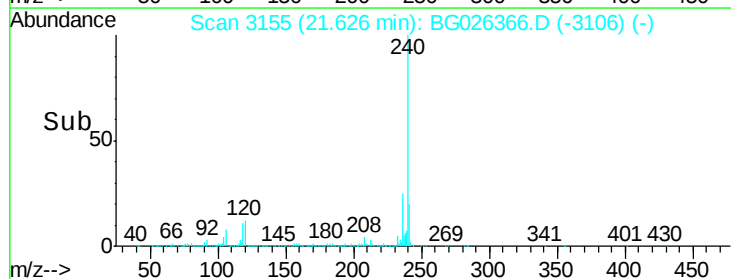
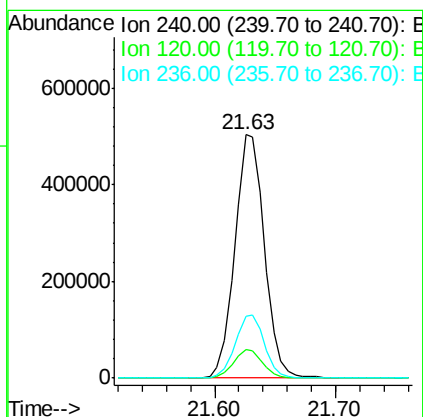
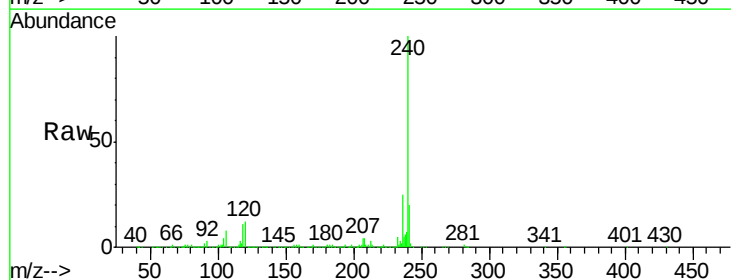
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PB97721BL

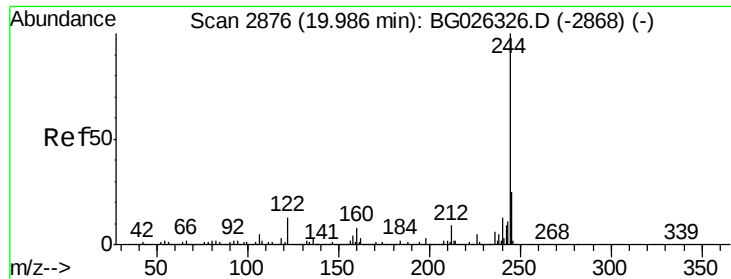
Tgt Ion:188 Resp: 683580
Ion Ratio Lower Upper
188 100
94 9.1 5.8 8.8#
80 9.8 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.63 min Scan# 3155
Delta R.T. -0.01 min
Lab File: BG026366.D
Acq: 21 Mar 2017 20:02

Tgt Ion:240 Resp: 857620
Ion Ratio Lower Upper
240 100
120 11.6 5.7 8.5#
236 25.5 22.2 33.4





#78

Terphenyl-d14

Concen: 75.63 ng

RT: 19.98 min Scan# 2875

Delta R.T. -0.01 min

Lab File: BG026366.D

Acq: 21 Mar 2017 20:02

Instrument :

BNA_G

ClientSampleId :

PB97721BL

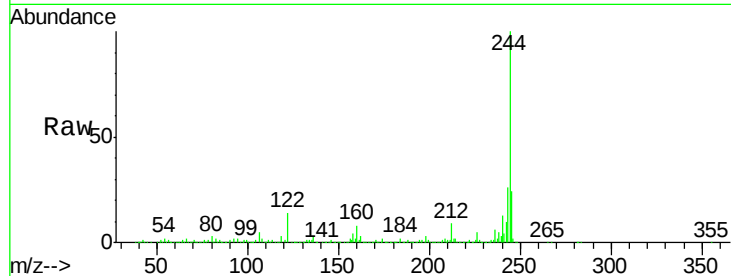
Tgt Ion:244 Resp: 2670819

Ion Ratio Lower Upper

244 100

212 8.7 10.0 15.0#

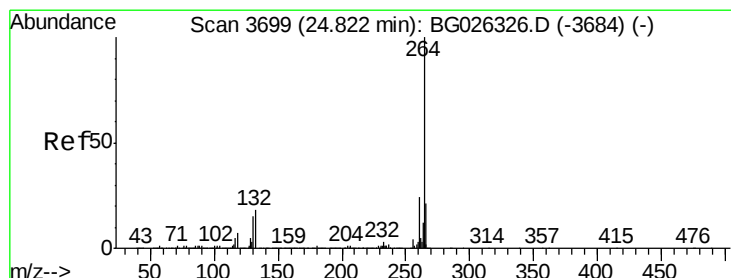
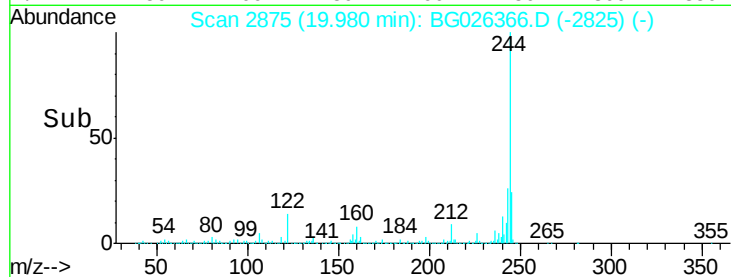
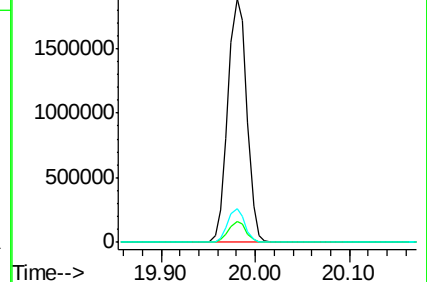
122 13.9 8.6 12.8#



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: 24.81 min Scan# 3697

Delta R.T. -0.01 min

Lab File: BG026366.D

Acq: 21 Mar 2017 20:02

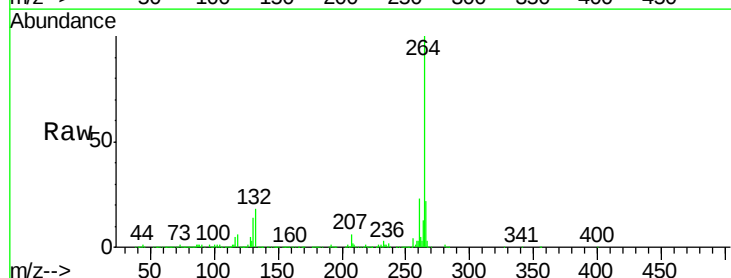
Tgt Ion:264 Resp: 823841

Ion Ratio Lower Upper

264 100

260 23.5 21.8 32.8

265 22.1 18.2 27.4



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

