

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020118\
 Data File : BG032504.D
 Acq On : 2 Feb 2018 00:08
 Operator : SJ/JU
 Sample : PB106258BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB106258BL

Quant Time: Feb 02 03:25:15 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG012918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 29 15:32:55 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.71	152	25906	20.00	ng	0.00
21) Naphthalene-d8	11.59	136	96845	20.00	ng	0.00
38) Acenaphthene-d10	15.35	164	70675	20.00	ng	0.00
63) Phenanthrene-d10	18.08	188	192986	20.00	ng	0.00
75) Chrysene-d12	22.41	240	246246	20.00	ng	0.00
86) Perylene-d12	26.09	264	270310	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.15	112	162357	125.88	ng	0.00
7) Phenol-d6	7.84	99	199832	116.11	ng	0.00
23) Nitrobenzene-d5	9.91	82	122348	78.91	ng	0.00
41) 2,4,6-Tribromophenol	16.82	330	168767	125.45	ng	-0.01
44) 2-Fluorobiphenyl	13.97	172	472744	79.50	ng	-0.01
78) Terphenyl-d14	20.62	244	996483	86.68	ng	0.00

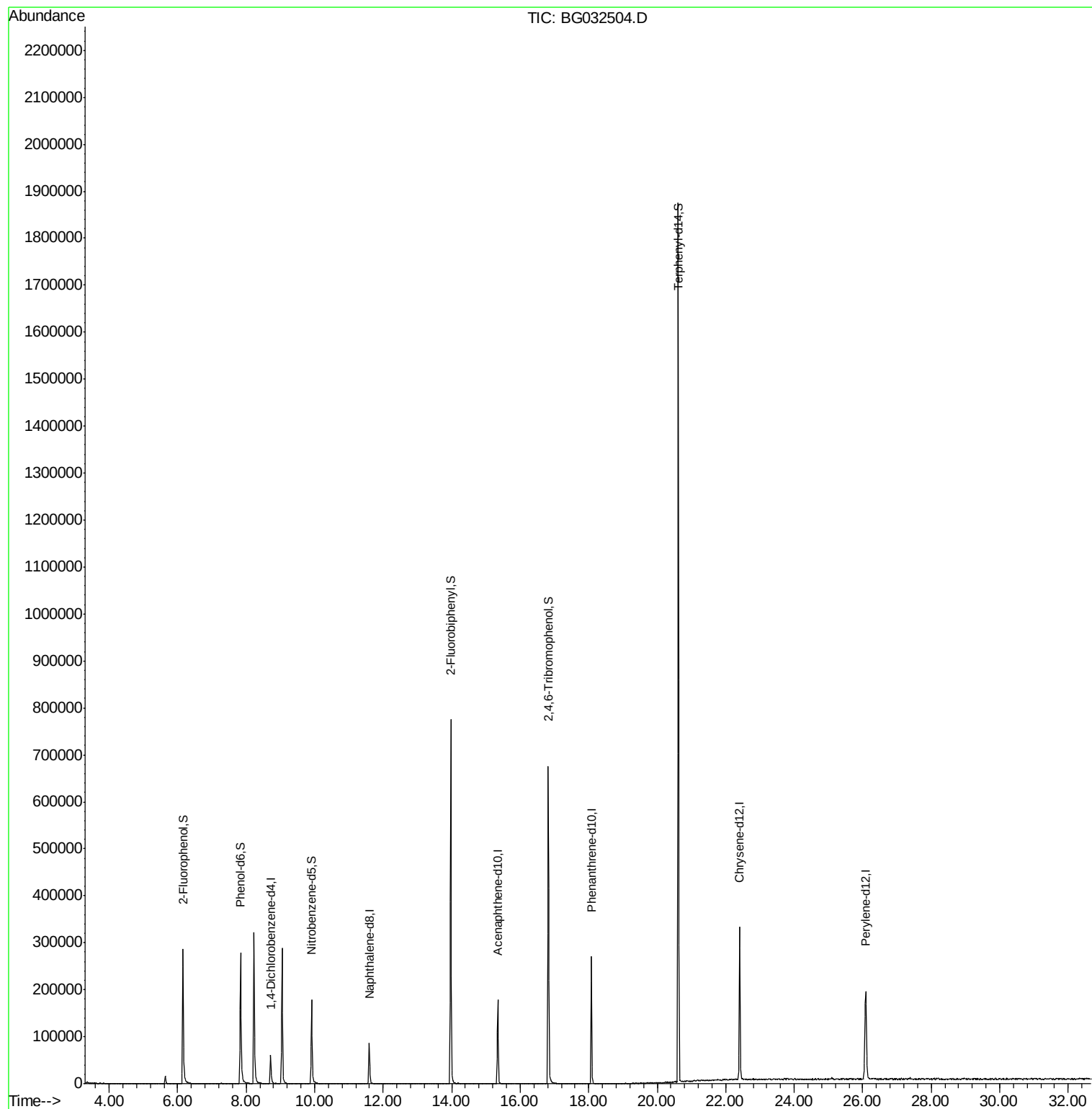
Target Compounds Qvalue

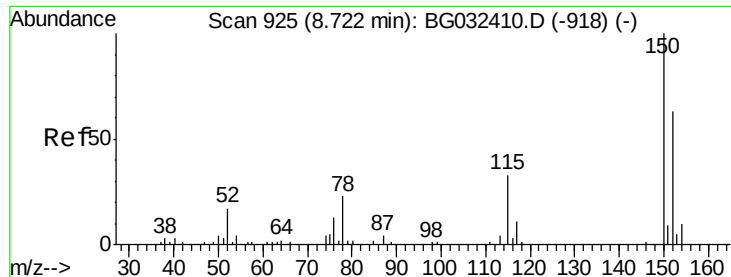
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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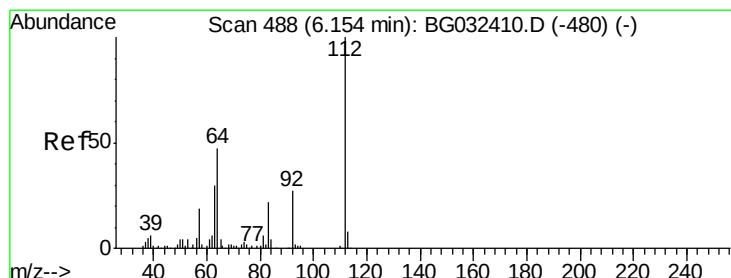
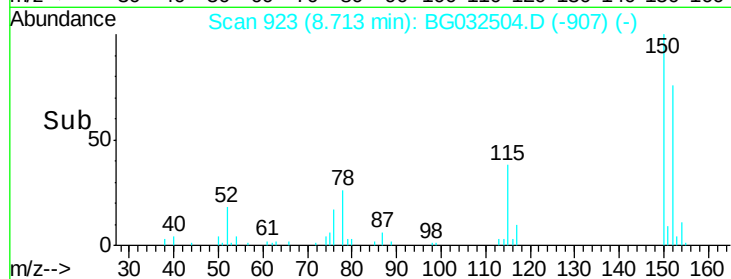
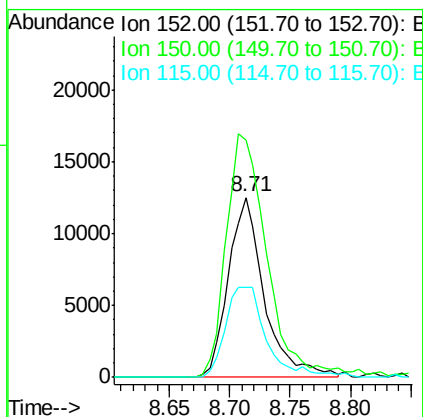
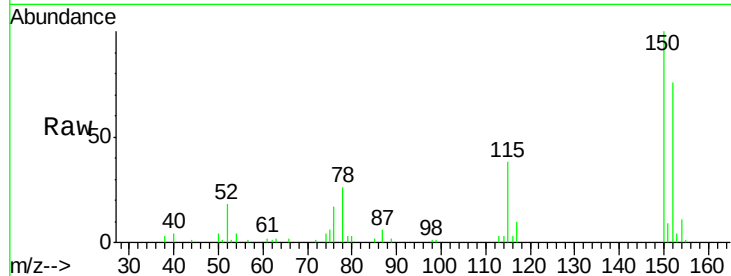


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.71 min Scan# 923
Delta R.T. -0.01 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Instrument :
BNA_G
ClientSampleId :
PB106258BL

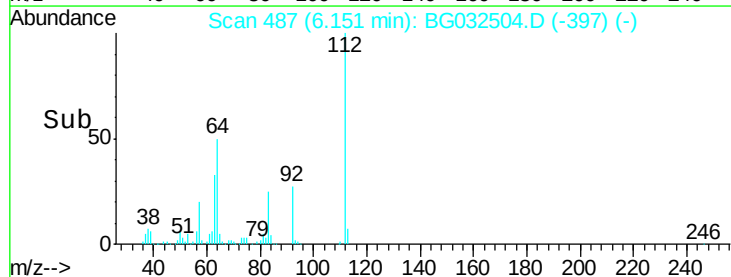
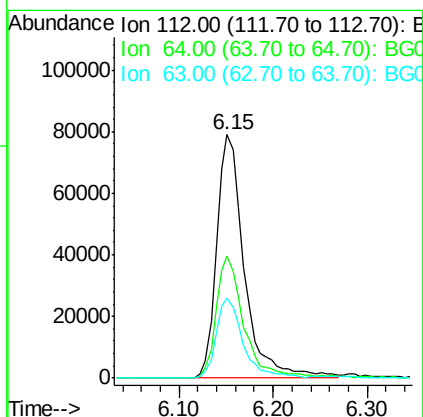
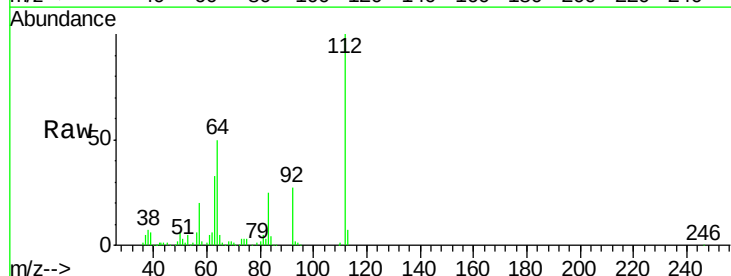
Tot Ion:152 Resp: 25906
Ion Ratio Lower Upper
152 100
150 131.9 126.6 189.8
115 50.2 53.0 79.4#

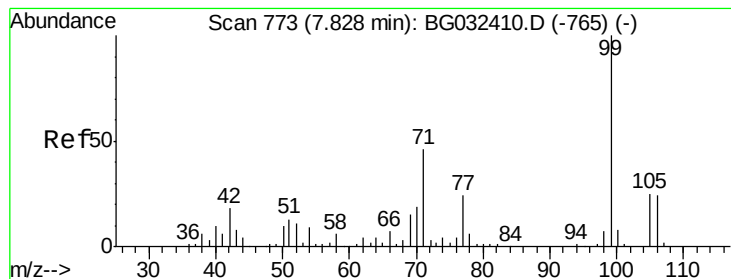


#5

2-Fluorophenol
Concen: 125.879 ng
RT: 6.15 min Scan# 487
Delta R.T. -0.00 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Tgt Ion:112 Resp: 162357
Ion Ratio Lower Upper
112 100
64 50.0 56.3 84.5#
63 32.7 30.1 45.1





#7

Phenol-d6

Concen: 116.107 ng

RT: 7.84 min Scan# 774

Delta R.T. 0.01 min

Lab File: BG032504.D

Acq: 2 Feb 2018 00:08

Instrument :

BNA_G

ClientSampleId :

PB106258BL

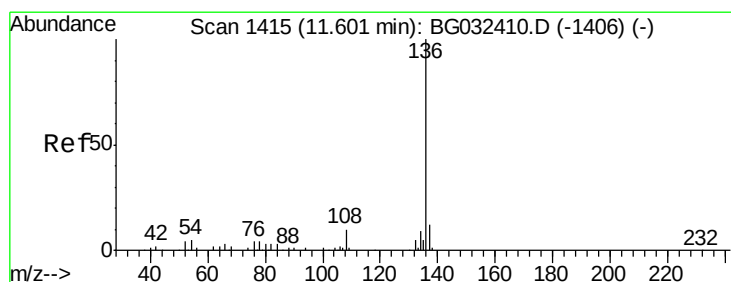
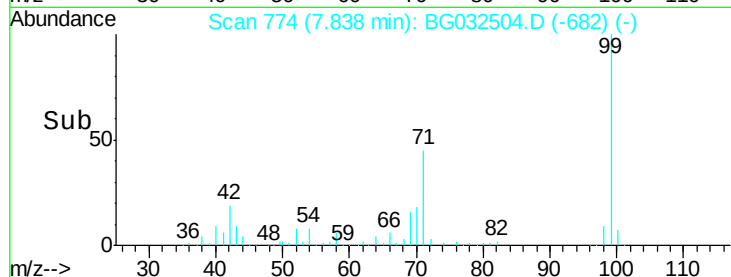
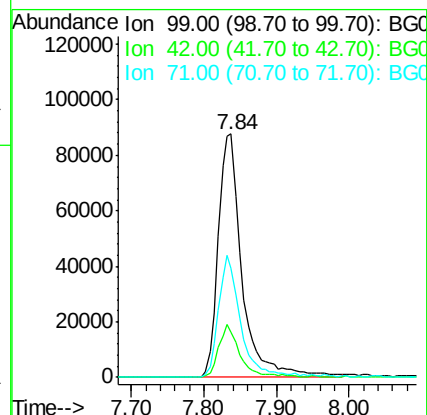
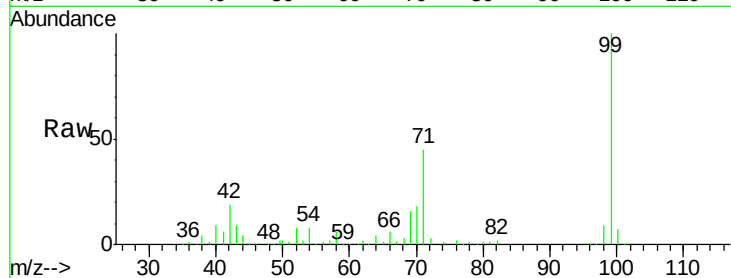
Tot Ion: 99 Resp: 199832

Ion Ratio Lower Upper

99 100

42 18.8 14.1 21.1

71 44.7 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.59 min Scan# 1413

Delta R.T. -0.01 min

Lab File: BG032504.D

Acq: 2 Feb 2018 00:08

Tgt Ion: 136 Resp: 96845

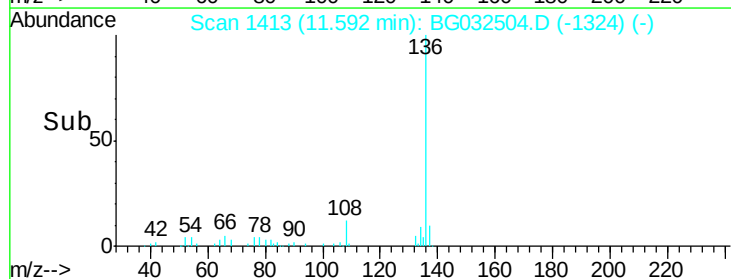
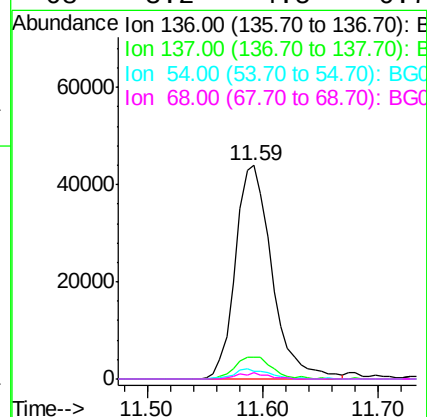
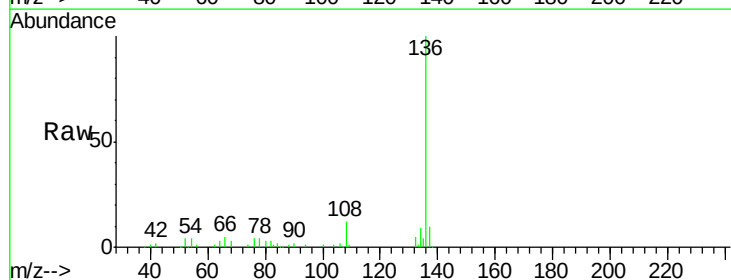
Ion Ratio Lower Upper

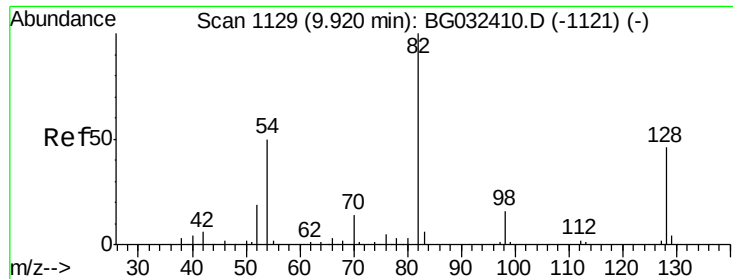
136 100

137 10.5 9.2 13.8

54 3.6 10.3 15.5#

68 3.2 4.5 6.7#

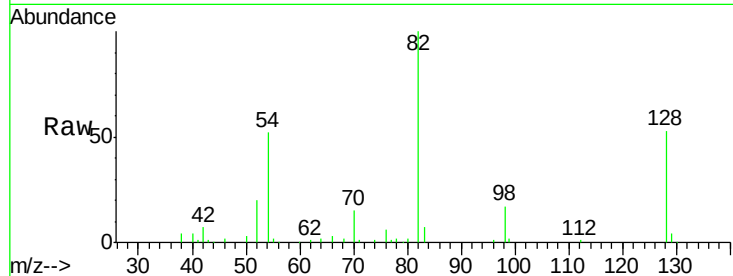




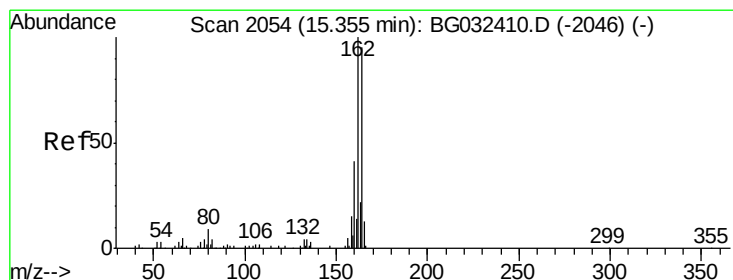
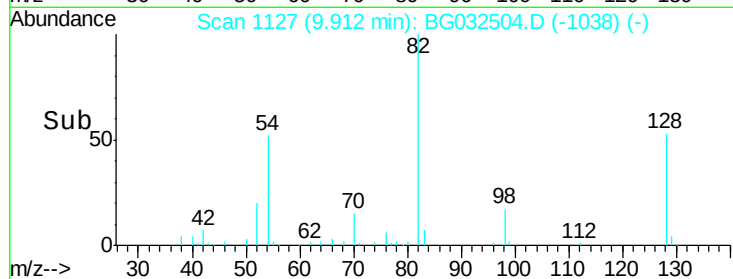
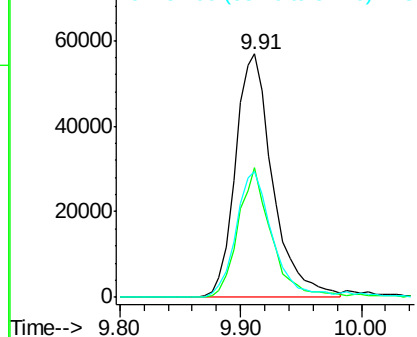
#23
Nitrobenzene-d5
Concen: 78.909 ng
RT: 9.91 min Scan# 1127
Delta R.T. -0.01 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Instrument :
BNA_G
ClientSampled :
PB106258BL

Tot Ion: 82 Resp: 122348
Ion Ratio Lower Upper
82 100
128 53.4 29.7 44.5#
54 51.6 43.1 64.7

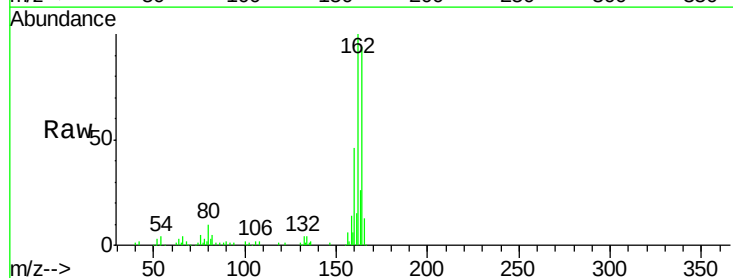


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

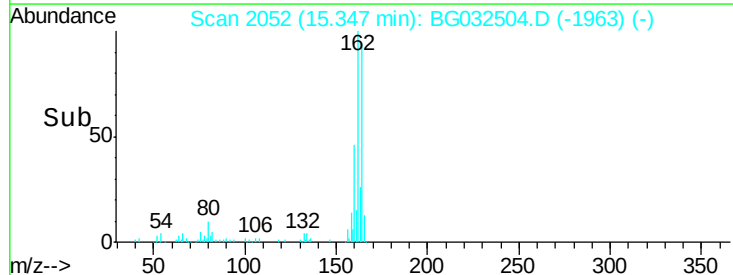
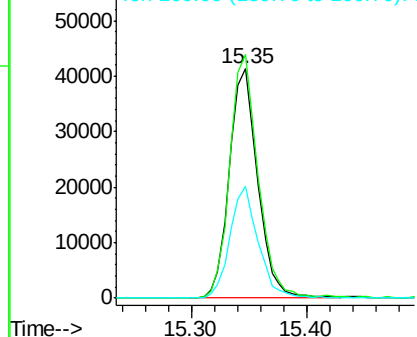


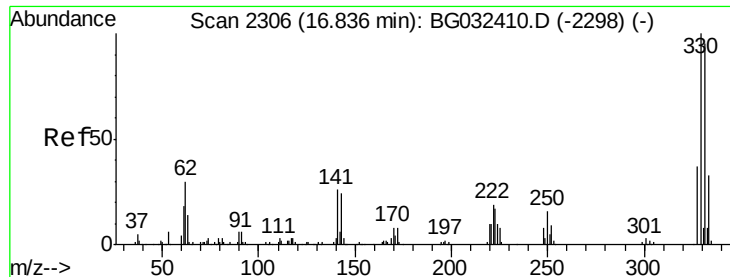
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.35 min Scan# 2052
Delta R.T. -0.01 min
Lab File: BG032504.D
Acq: 2 Feb 2018 00:08

Tgt Ion:164 Resp: 70675
Ion Ratio Lower Upper
164 100
162 106.2 78.8 118.2
160 48.9 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

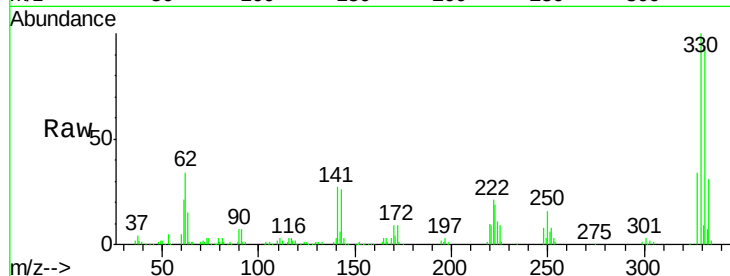




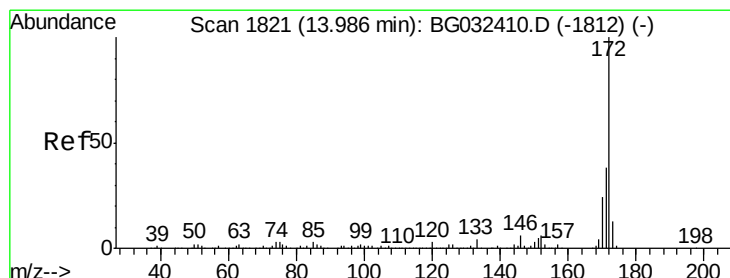
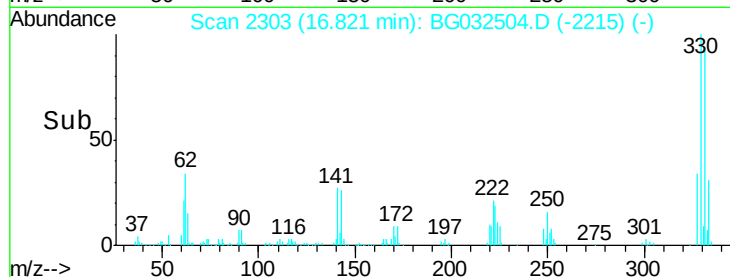
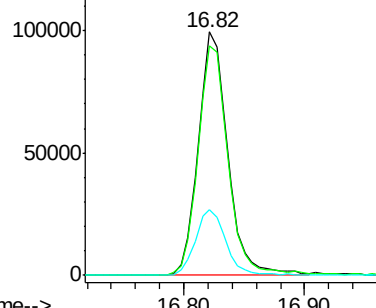
#41
 2,4,6-Tribromophenol
 Concen: 125.449 ng
 RT: 16.82 min Scan# 2303
 Delta R.T. -0.01 min
 Lab File: BG032504.D
 Acq: 2 Feb 2018 00:08

Instrument :
 BNA_G
 ClientSampleId :
 PB106258BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.6	77.0	115.6
141	27.9	25.2	37.8

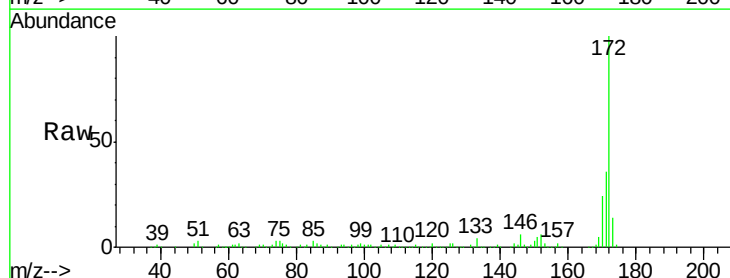


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

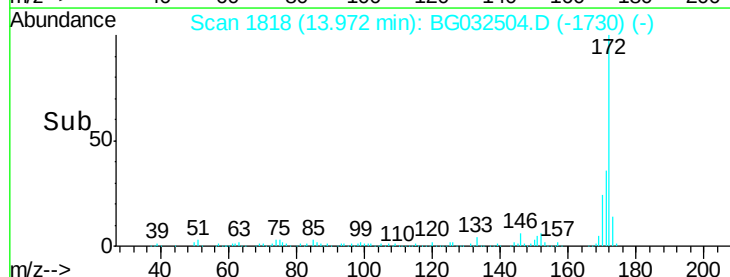
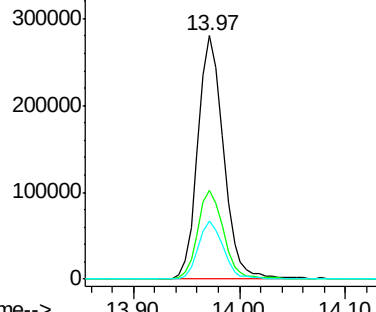


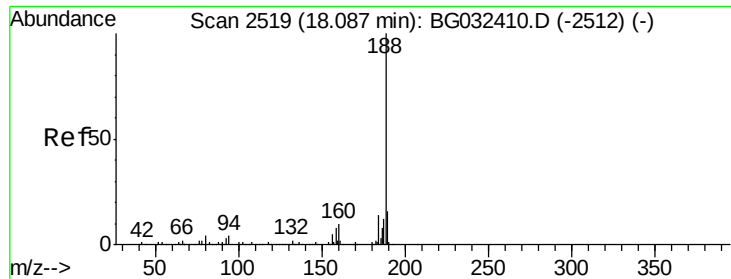
#44
 2-Fluorobiphenyl
 Concen: 79.503 ng
 RT: 13.97 min Scan# 1818
 Delta R.T. -0.01 min
 Lab File: BG032504.D
 Acq: 2 Feb 2018 00:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.5	30.0	45.0
170	23.9	19.5	29.3



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: 20.000 ng

RT: 18.08 min Scan# 2517

Delta R.T. -0.01 min

Lab File: BG032504.D

Acq: 2 Feb 2018 00:08

Instrument :

BNA_G

ClientSampleId :

PB106258BL

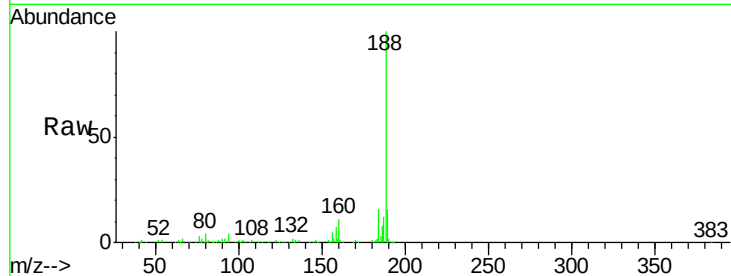
Tot Ion:188 Resp: 192986

Ion Ratio Lower Upper

188 100

94 3.8 6.9 10.3#

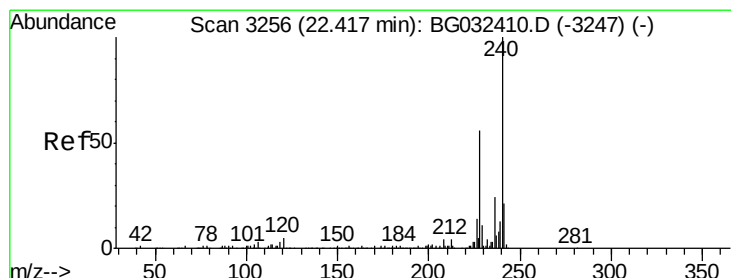
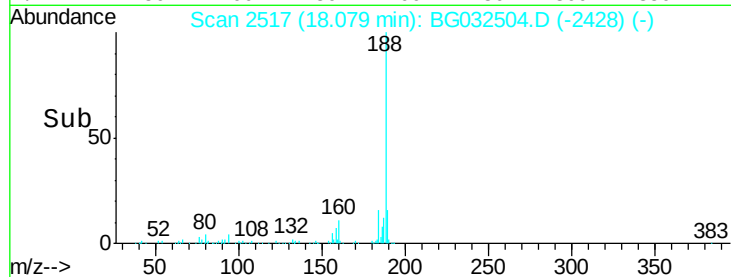
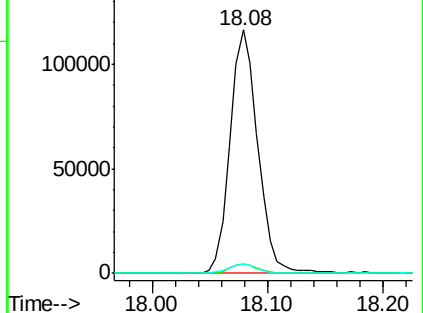
80 3.7 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.41 min Scan# 3254

Delta R.T. -0.01 min

Lab File: BG032504.D

Acq: 2 Feb 2018 00:08

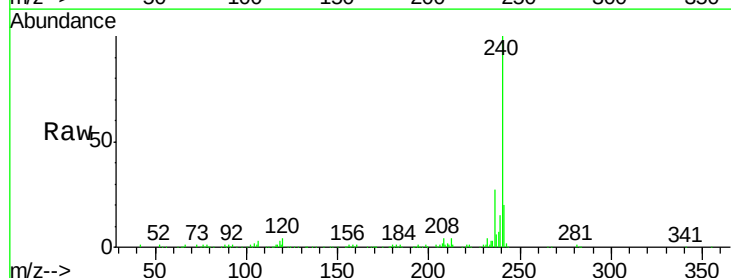
Tgt Ion:240 Resp: 246246

Ion Ratio Lower Upper

240 100

120 4.2 6.8 10.2#

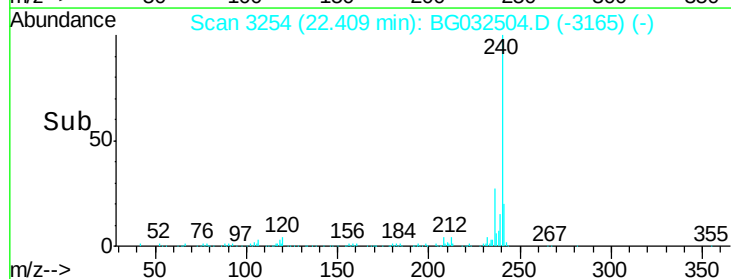
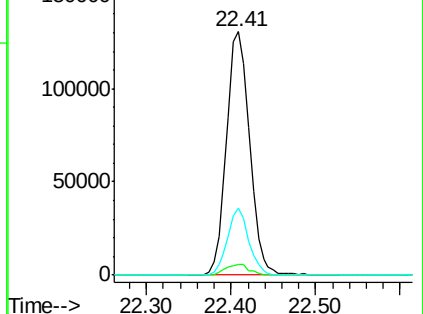
236 27.3 20.9 31.3

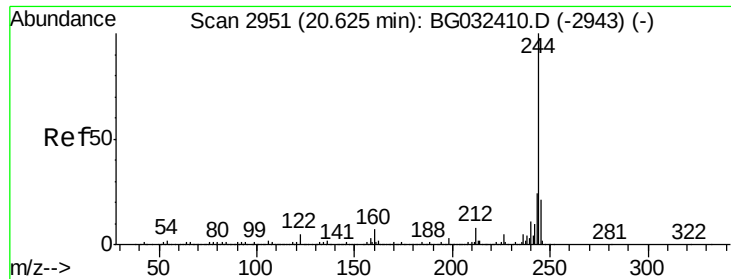


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 86.684 ng

RT: 20.62 min Scan# 2949

Delta R.T. -0.01 min

Lab File: BG032504.D

Acq: 2 Feb 2018 00:08

Instrument :

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ClientSampleId :

PB106258BL

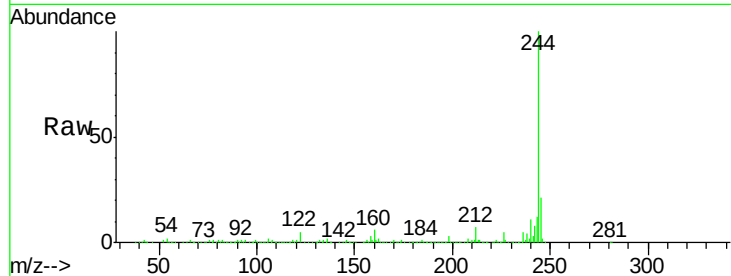
Tot Ion:244 Resp: 996483

Ion Ratio Lower Upper

244 100

212 7.5 5.8 8.8

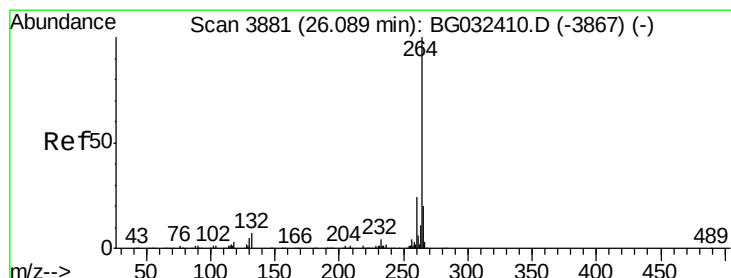
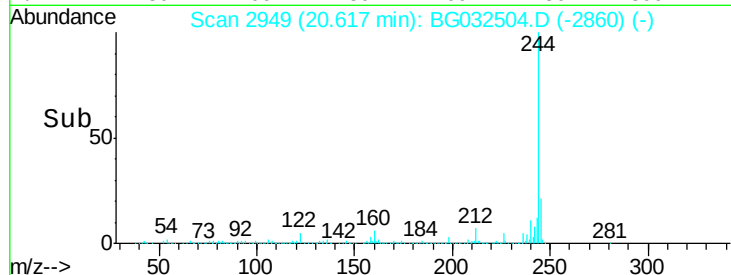
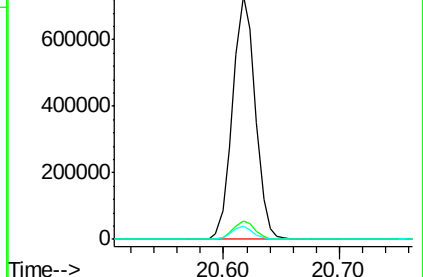
122 5.4 7.0 10.4#



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: 20.000 ng

RT: 26.09 min Scan# 3880

Delta R.T. -0.00 min

Lab File: BG032504.D

Acq: 2 Feb 2018 00:08

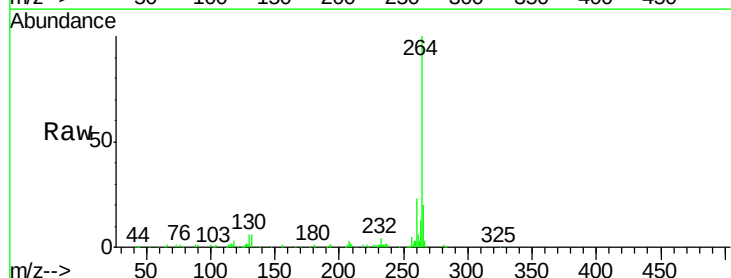
Tgt Ion:264 Resp: 270310

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 20.5 17.7 26.5



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

