

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030566.D
 Acq On : 29 Oct 2017 18:02
 Operator : SJ/JU
 Sample : I6153-03
 Misc :
 ALS Vial : 39 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-102517

Quant Time: Oct 30 08:25:24 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	77784	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	332624	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	219482	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	557224	20.00	ng	-0.01
75) Chrysene-d12	21.80	240	589750	20.00	ng	0.00
86) Perylene-d12	25.10	264	582657	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	688595	147.89	ng	0.00
7) Phenol-d6	7.32	99	848529	129.83	ng	0.00
23) Nitrobenzene-d5	9.33	82	564944	107.93	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	416160	146.86	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1478283	98.78	ng	0.00
78) Terphenyl-d14	20.12	244	2377082	91.69	ng	0.00

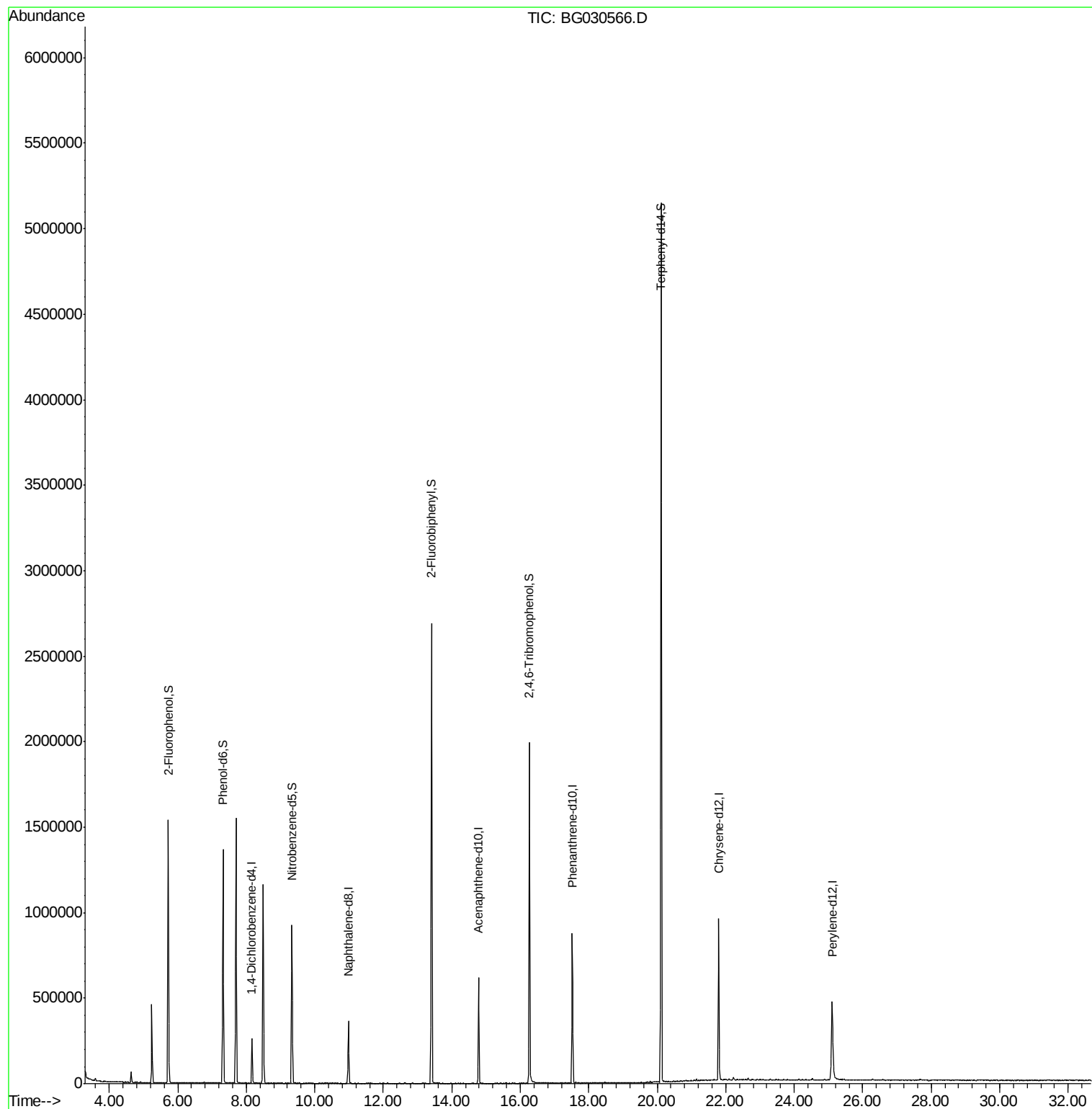
Target Compounds Qvalue

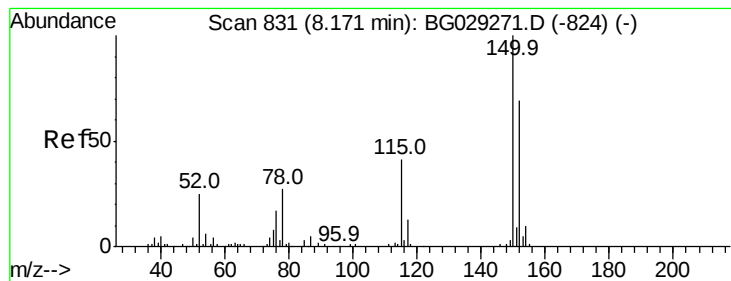
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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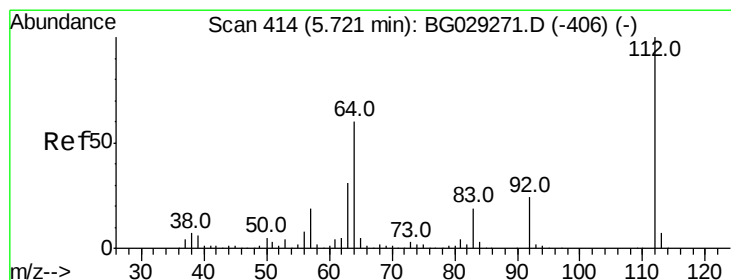
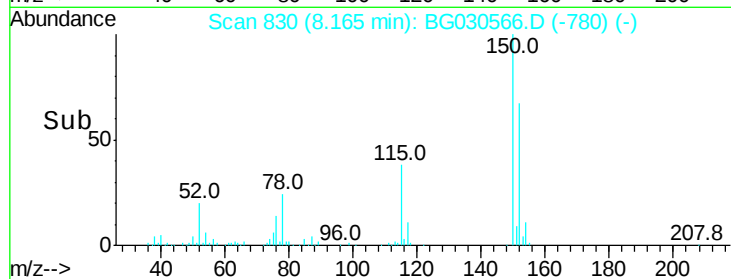
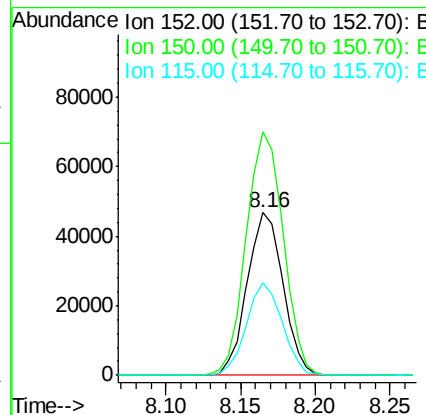
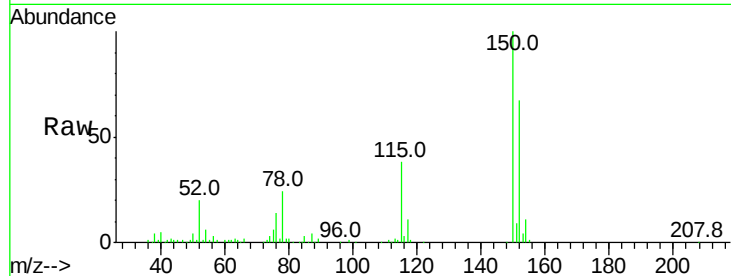


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030566.D
Acq: 29 Oct 2017 18:02

Instrument :
BNA_G
ClientSampleId :
WC-102517

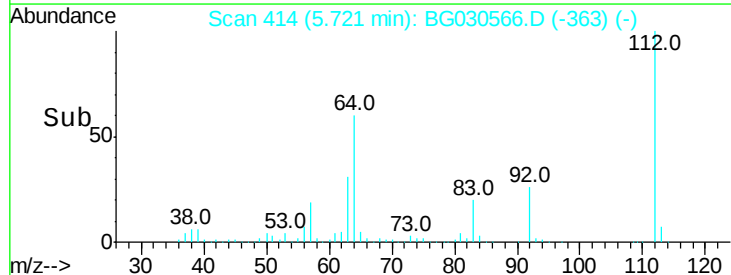
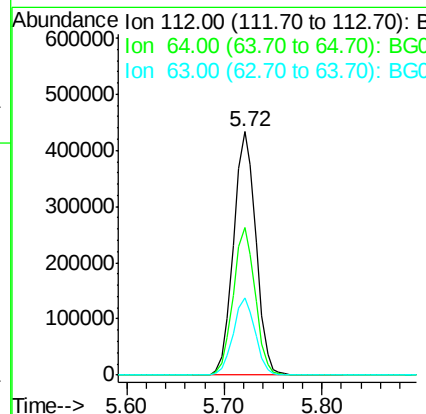
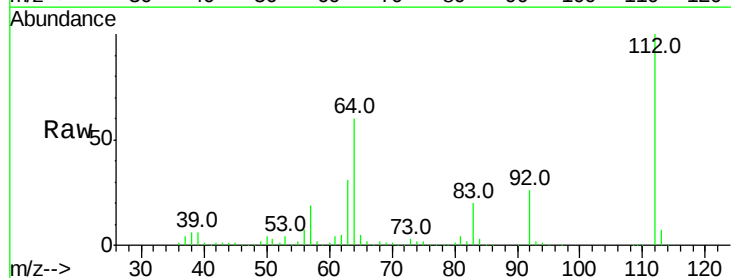
Tot Ion:152 Resp: 77784
Ion Ratio Lower Upper
152 100
150 149.5 126.6 189.8
115 56.9 53.0 79.4

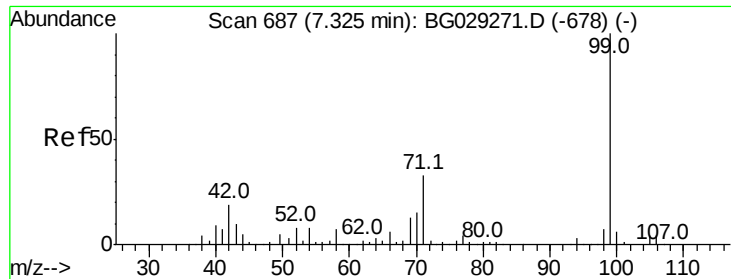


#5

2-Fluorophenol
Concen: 147.888 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030566.D
Acq: 29 Oct 2017 18:02

Tgt Ion:112 Resp: 688595
Ion Ratio Lower Upper
112 100
64 60.4 56.3 84.5
63 31.5 30.1 45.1





#7

Phenol-d6

Concen: 129.830 ng

RT: 7.32 min Scan# 687

Delta R.T. 0.00 min

Lab File: BG030566.D

Acq: 29 Oct 2017 18:02

Instrument :

BNA_G

ClientSampleId :

WC-102517

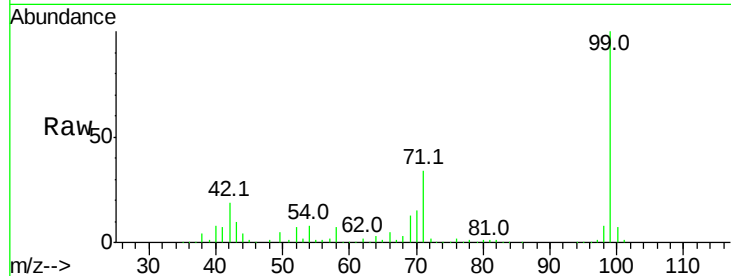
Tot Ion: 99 Resp: 848529

Ion Ratio Lower Upper

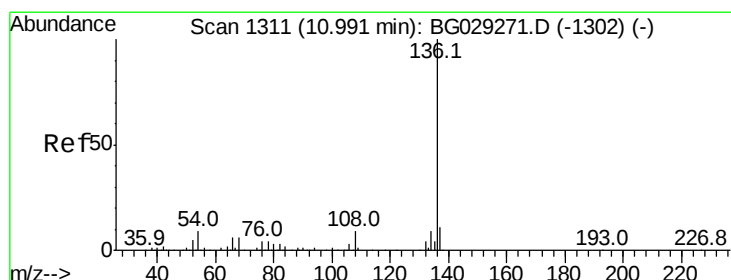
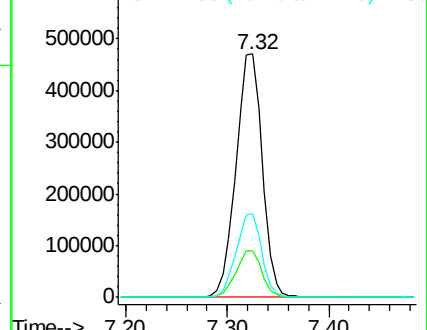
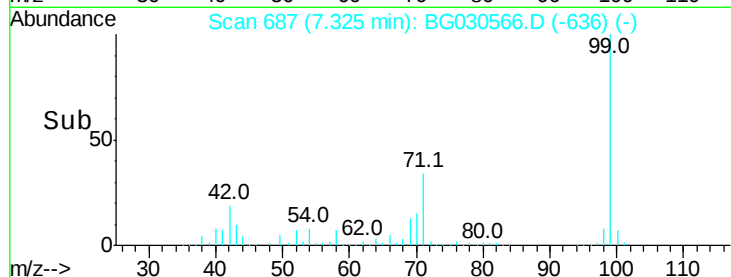
99 100

42 19.3 14.1 21.1

71 34.5 26.1 39.1



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: 20.000 ng

RT: 10.99 min Scan# 1310

Delta R.T. -0.01 min

Lab File: BG030566.D

Acq: 29 Oct 2017 18:02

Tgt Ion: 136 Resp: 332624

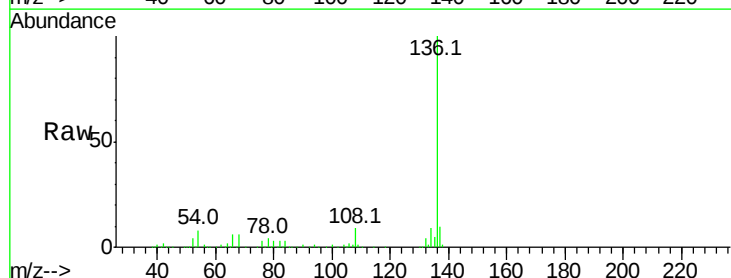
Ion Ratio Lower Upper

136 100

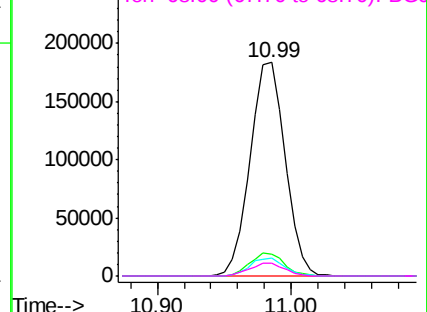
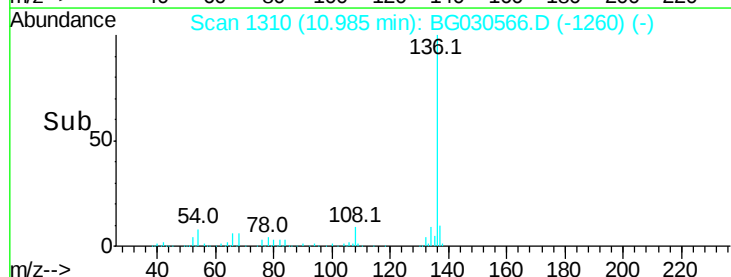
137 10.0 9.2 13.8

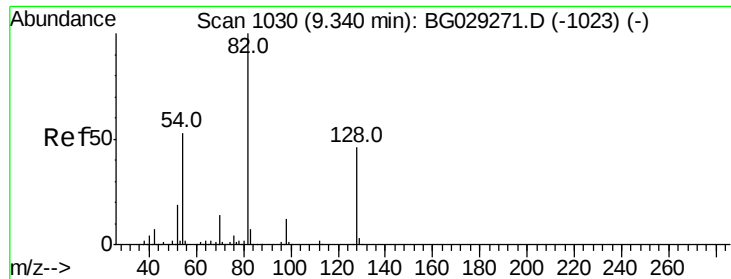
54 8.3 10.3 15.5#

68 5.7 4.5 6.7



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

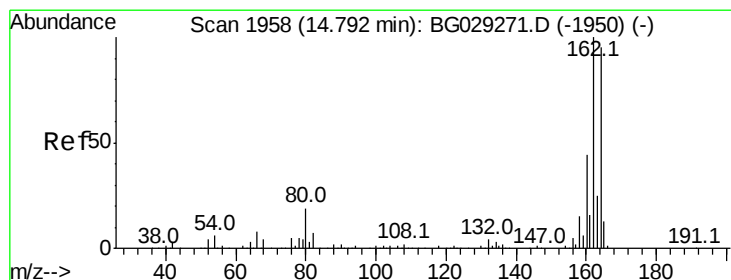
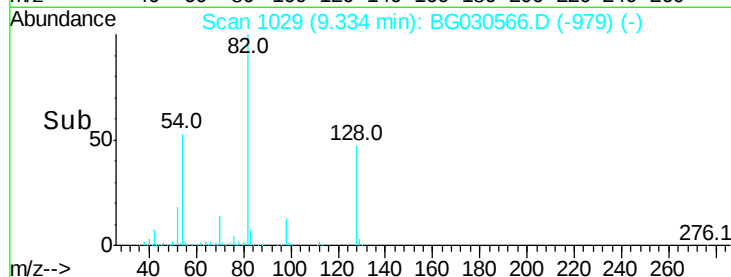
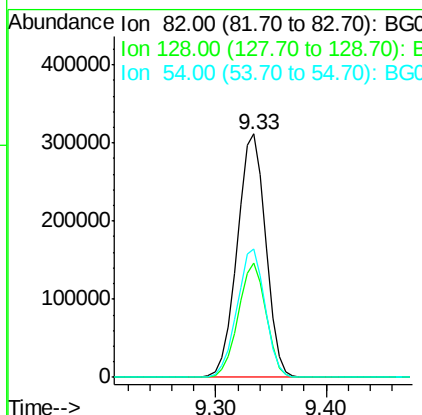
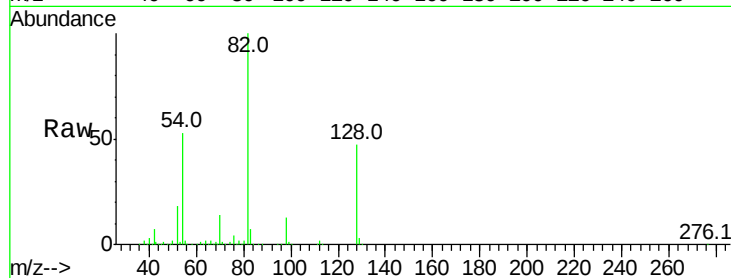




#23
 Nitrobenzene-d5
 Concen: 107.932 ng
 RT: 9.33 min Scan# 1029
 Delta R.T. -0.01 min
 Lab File: BG030566.D
 Acq: 29 Oct 2017 18:02

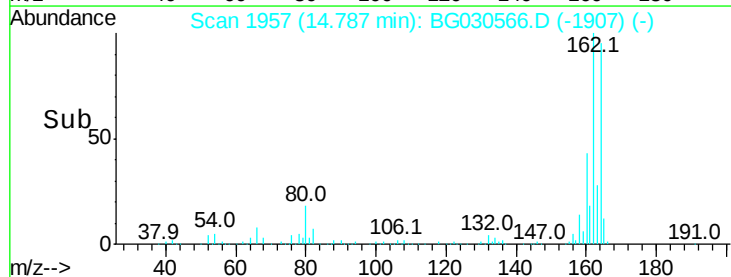
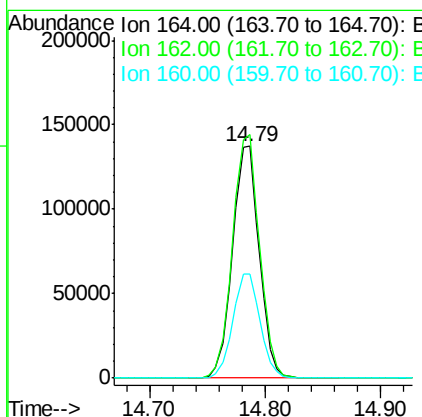
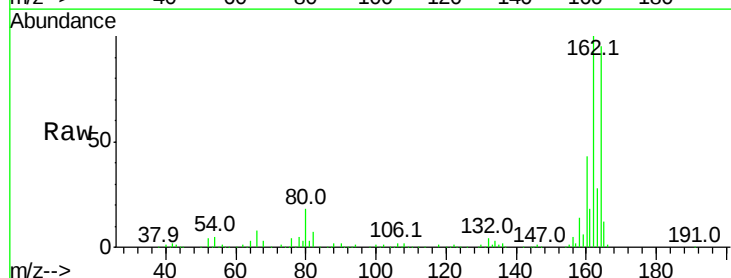
Instrument :
 BNA_G
 ClientSampled :
 WC-102517

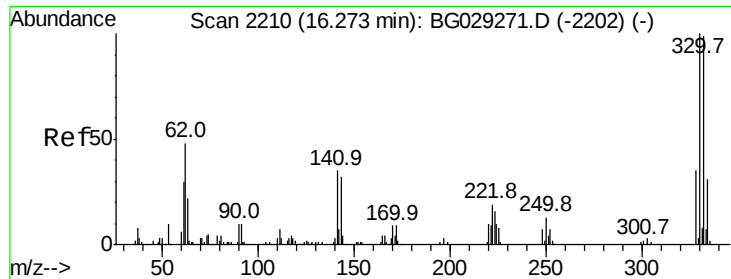
Tot Ion	82	Resp	564944
Ion Ratio	Lower	Upper	
82	100		
128	47.1	29.7	44.5#
54	52.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.79 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG030566.D
 Acq: 29 Oct 2017 18:02

Tgt Ion	164	Resp	219482
Ion Ratio	Lower	Upper	
164	100		
162	105.1	78.8	118.2
160	44.7	35.4	53.0

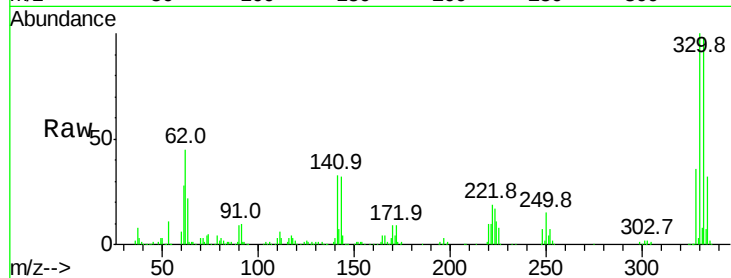




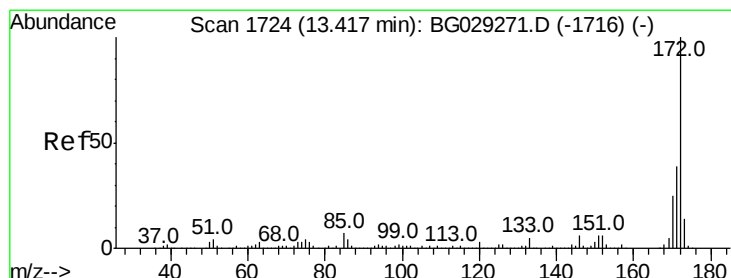
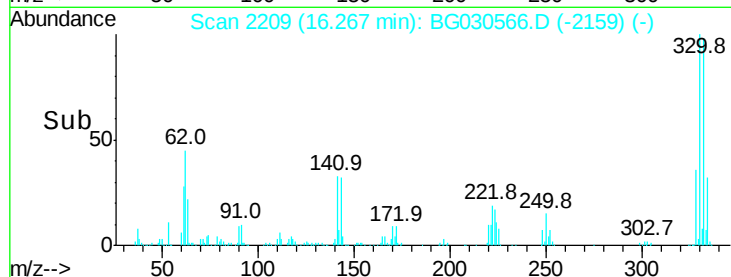
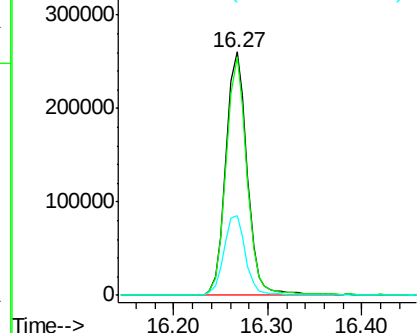
#41
 2,4,6-Tribromophenol
 Concen: 146.859 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030566.D
 Acq: 29 Oct 2017 18:02

Instrument :
 BNA_G
 ClientSampleId :
 WC-102517

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	77.0	115.6
141	33.3	25.2	37.8

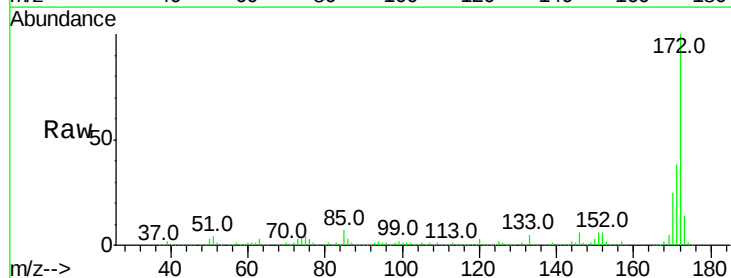


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

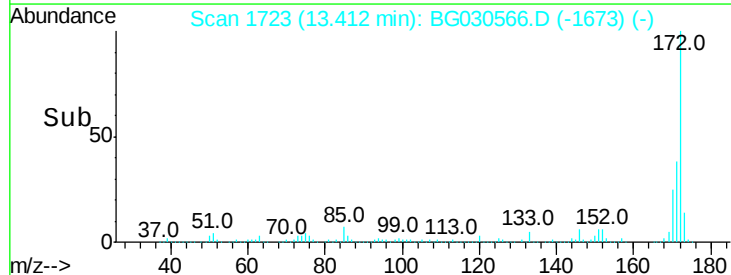
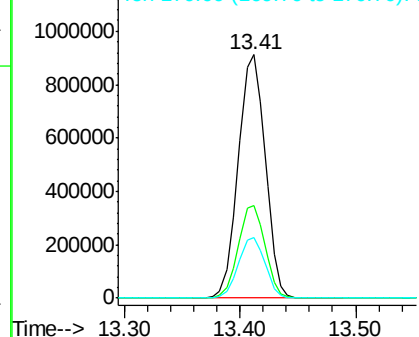


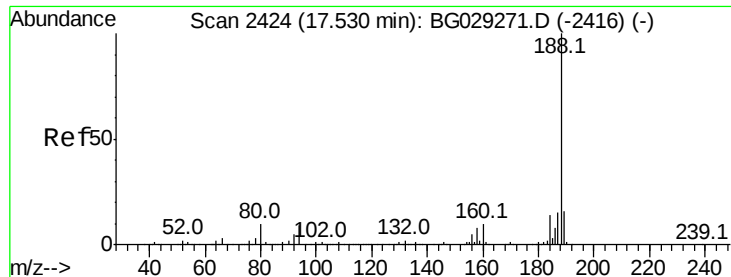
#44
 2-Fluorobiphenyl
 Concen: 98.784 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030566.D
 Acq: 29 Oct 2017 18:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	30.0	45.0
170	24.8	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

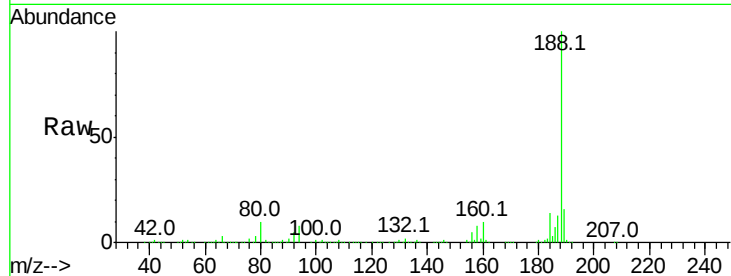




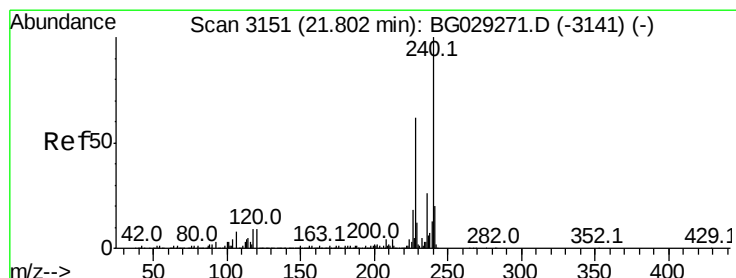
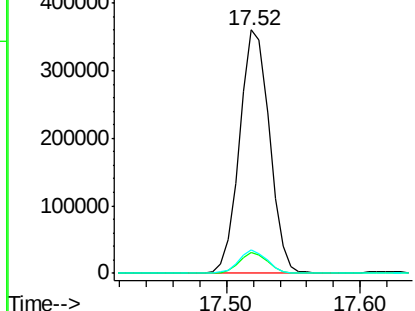
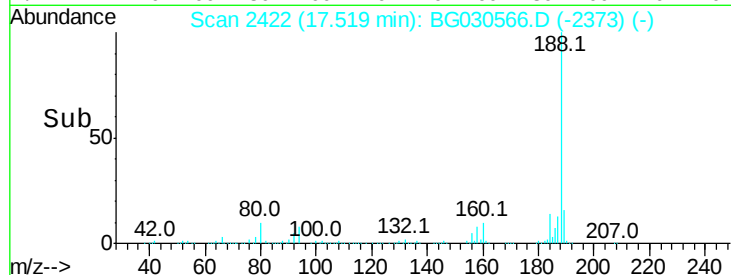
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030566.D
Acq: 29 Oct 2017 18:02

Instrument :
BNA_G
ClientSampleId :
WC-102517

Tot Ion:188 Resp: 557224
Ion Ratio Lower Upper
188 100
94 8.4 6.9 10.3
80 9.6 7.7 11.5

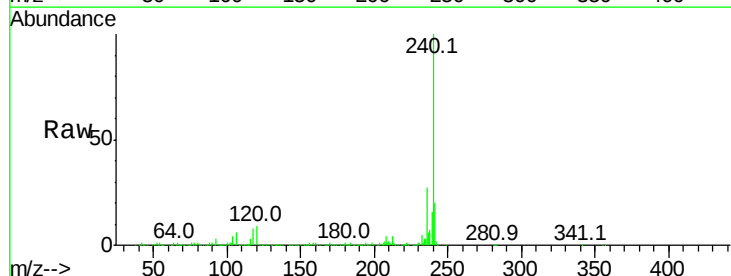


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

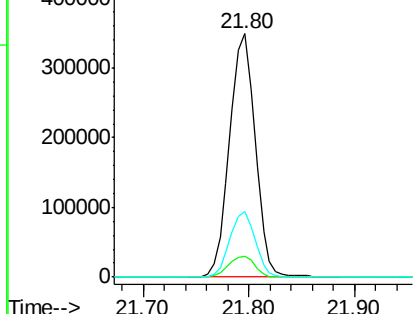
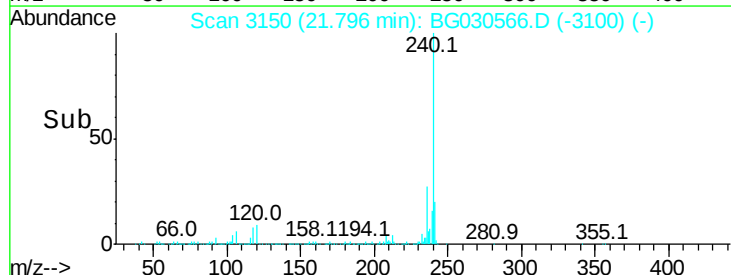


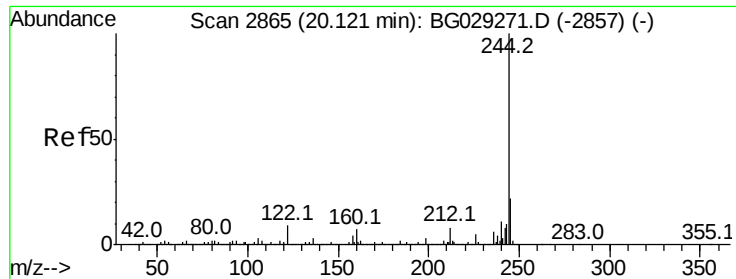
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG030566.D
Acq: 29 Oct 2017 18:02

Tgt Ion:240 Resp: 589750
Ion Ratio Lower Upper
240 100
120 8.6 6.8 10.2
236 26.7 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: 91.695 ng

RT: 20.12 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG030566.D

Acq: 29 Oct 2017 18:02

Instrument :

BNA_G

ClientSampleId :

WC-102517

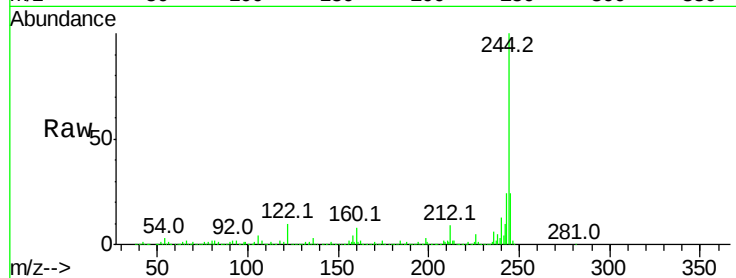
Tot Ion:244 Resp: 2377082

Ion Ratio Lower Upper

244 100

212 9.1 5.8 8.8#

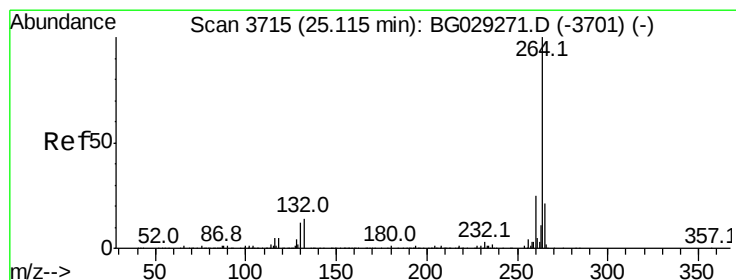
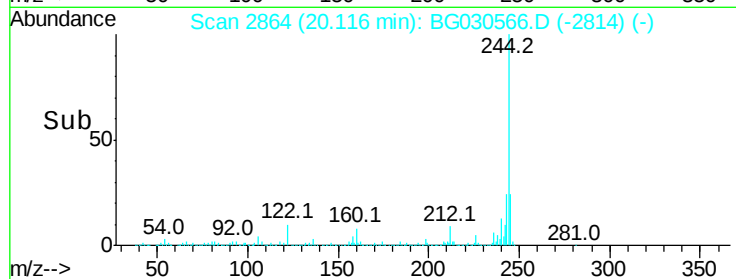
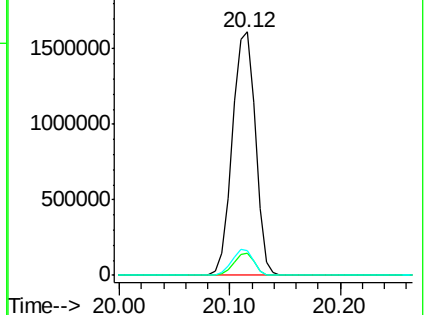
122 10.1 7.0 10.4



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: 25.10 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG030566.D

Acq: 29 Oct 2017 18:02

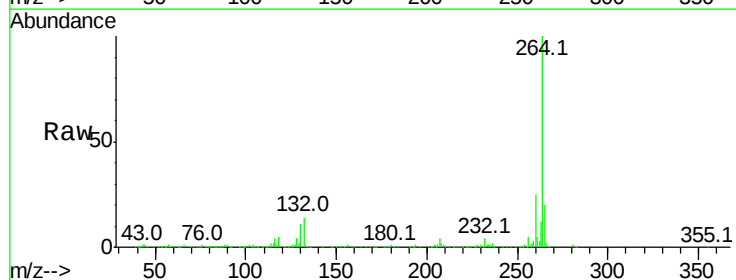
Tgt Ion:264 Resp: 582657

Ion Ratio Lower Upper

264 100

260 24.8 17.4 26.0

265 20.3 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

