

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030564.D
 Acq On : 29 Oct 2017 16:42
 Operator : SJ/JU
 Sample : I6171-08
 Misc :
 ALS Vial : 37 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102617-D

Quant Time: Oct 30 08:01:33 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	8.17	152	83779	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	359951	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	235184	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	584311	20.00	ng	0.00
75) Chrysene-d12	21.79	240	626874	20.00	ng	0.00
86) Perylene-d12	25.11	264	617315	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	734875	146.53	ng	0.00
7) Phenol-d6	7.32	99	911149	129.44	ng	0.00
23) Nitrobenzene-d5	9.33	82	605529	106.90	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	438758	144.50	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1571741	98.02	ng	0.00
78) Terphenyl-d14	20.11	244	2506233	90.95	ng	0.00

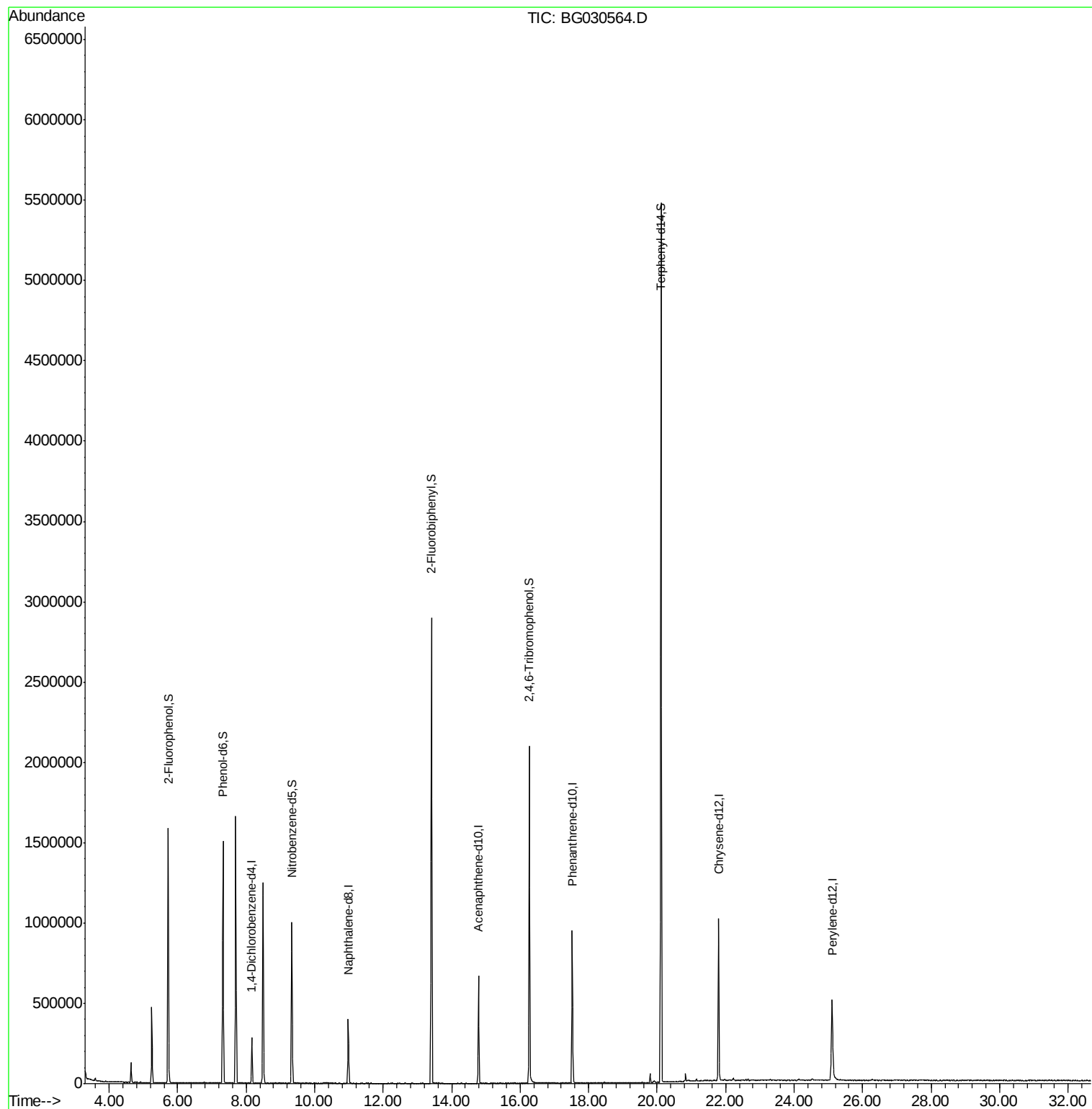
Target Compounds	Qvalue
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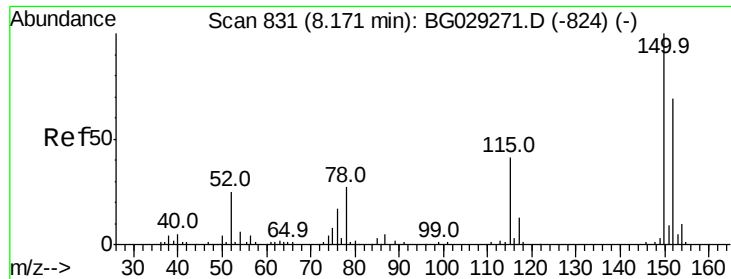
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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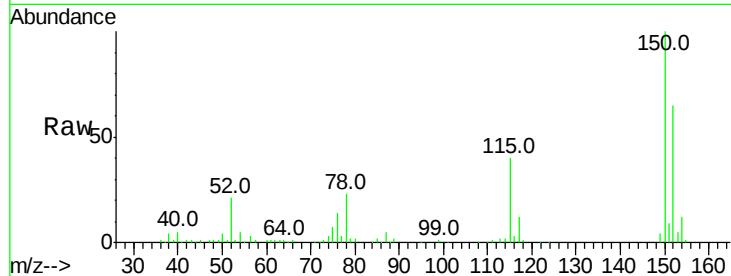


#1

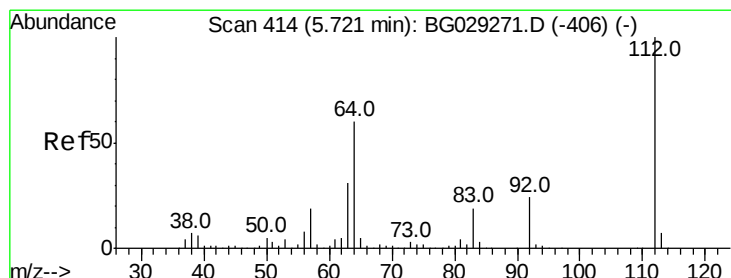
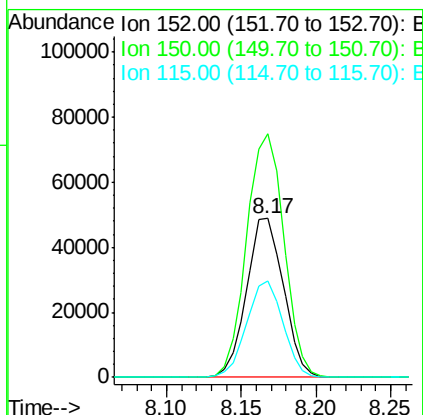
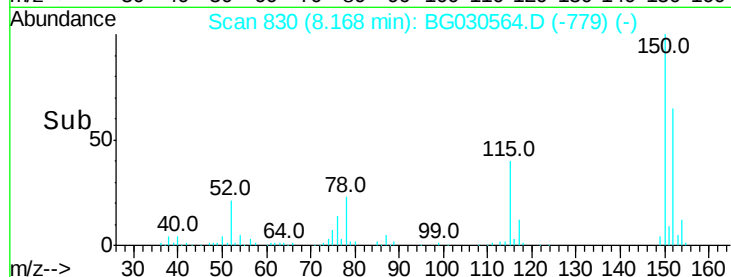
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 830
 Delta R.T. -0.00 min
 Lab File: BG030564.D
 Acq: 29 Oct 2017 16:42

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102617-D

Tot Ion:152 Resp: 83779
 Ion Ratio Lower Upper
 152 100
 150 153.4 126.6 189.8
 115 60.7 53.0 79.4



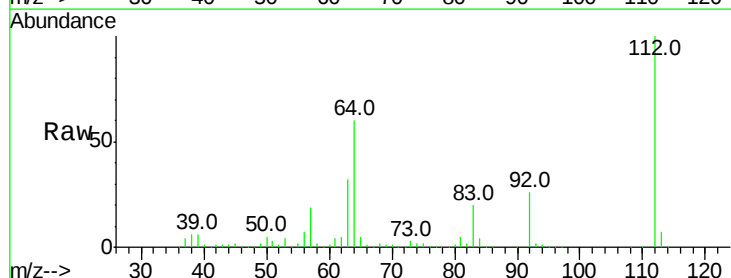
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



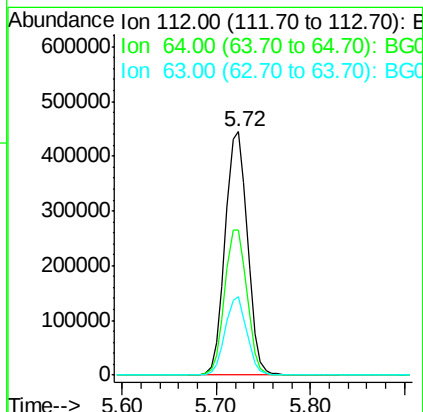
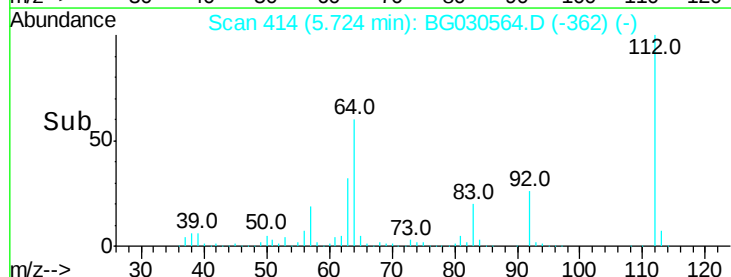
#5

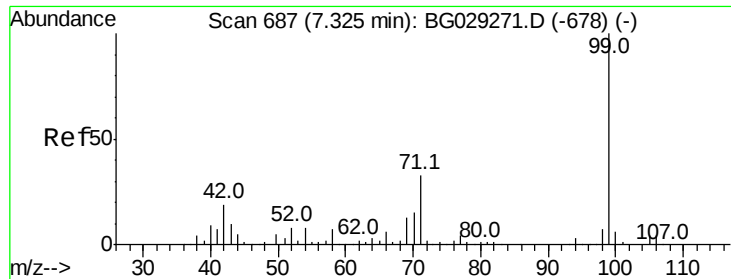
2-Fluorophenol
 Concen: 146.534 ng
 RT: 5.72 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BG030564.D
 Acq: 29 Oct 2017 16:42

Tgt Ion:112 Resp: 734875
 Ion Ratio Lower Upper
 112 100
 64 59.6 56.3 84.5
 63 32.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BG
 Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 129.436 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030564.D

Acq: 29 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

CL-01-102617-D

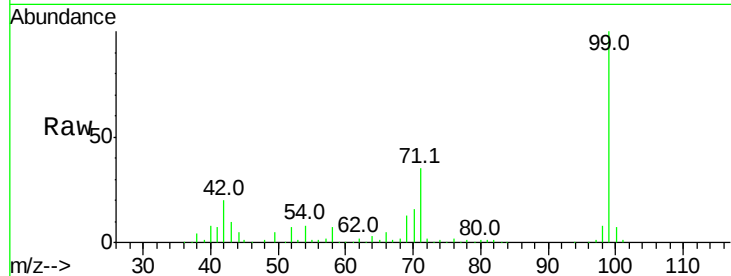
Tot Ion: 99 Resp: 911149

Ion Ratio Lower Upper

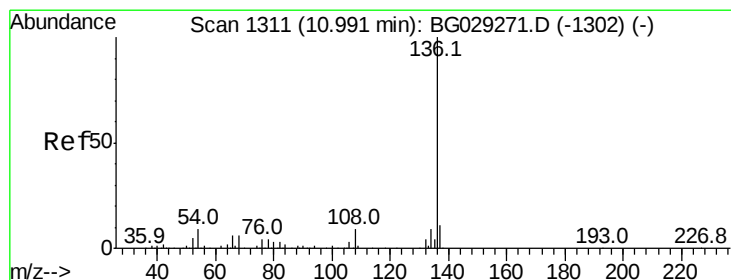
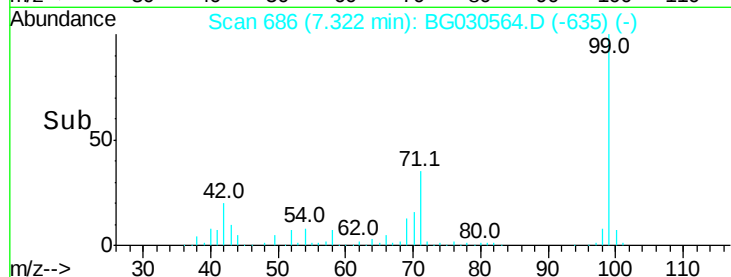
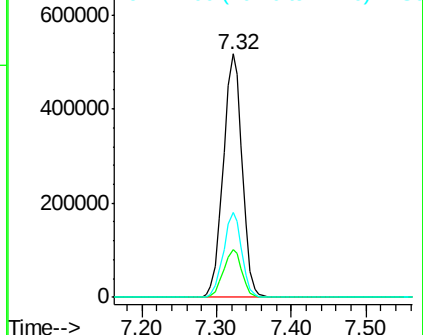
99 100

42 19.7 14.1 21.1

71 34.8 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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG030564.D

Acq: 29 Oct 2017 16:42

Tgt Ion: 136 Resp: 359951

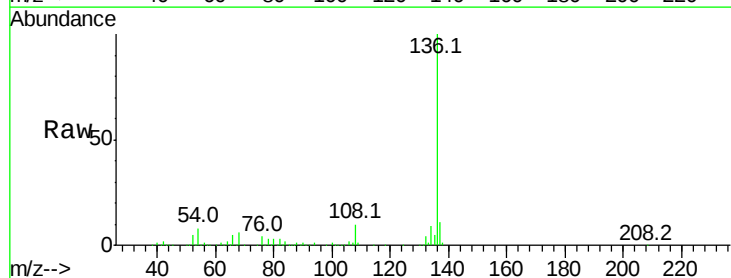
Ion Ratio Lower Upper

136 100

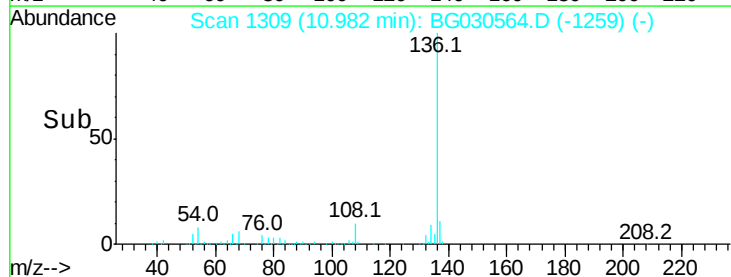
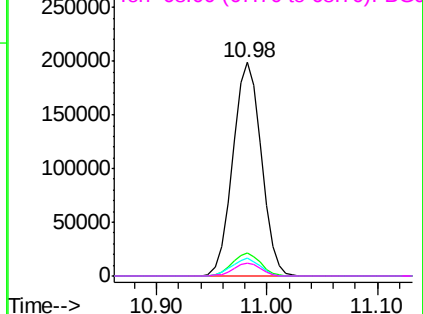
137 10.6 9.2 13.8

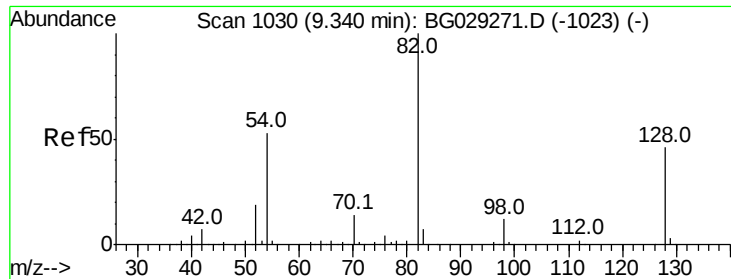
54 8.5 10.3 15.5#

68 6.0 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

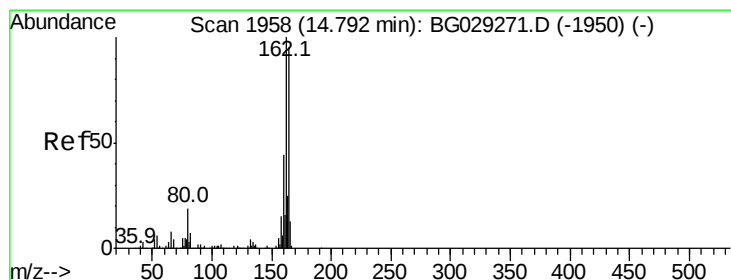
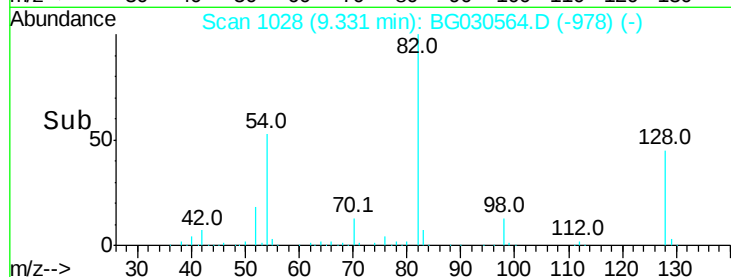
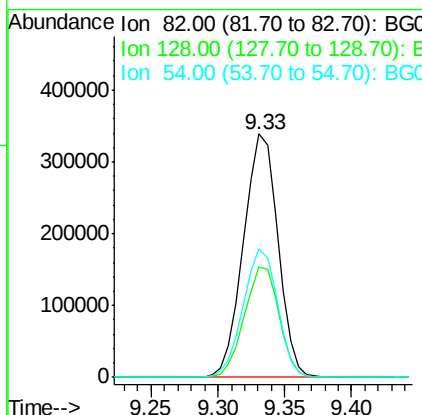
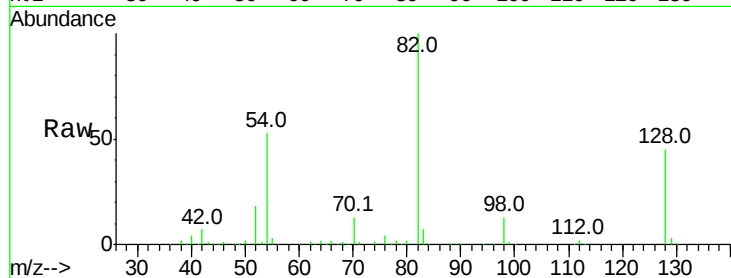




#23
 Nitrobenzene-d5
 Concen: 106.903 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG030564.D
 Acq: 29 Oct 2017 16:42

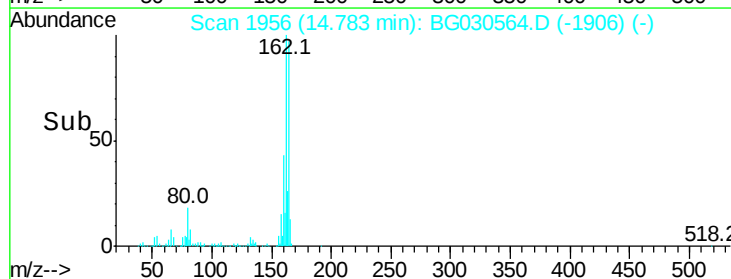
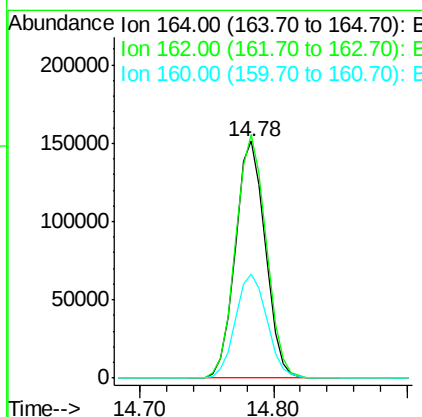
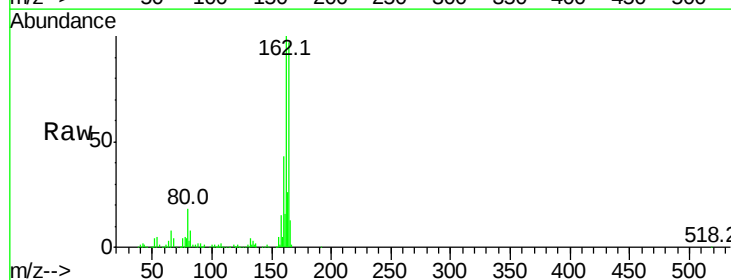
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102617-D

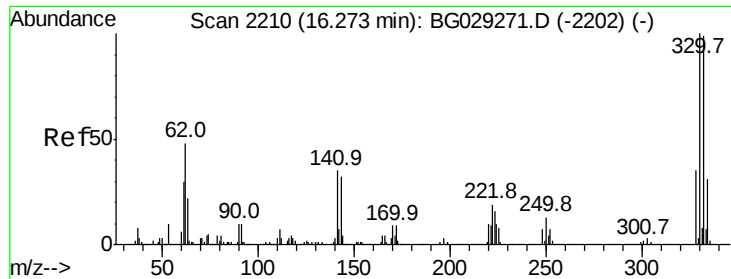
Tot Ion	82	Resp	605529
Ion Ratio	100		
Lower	29.7		
Upper	44.5		
54	52.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG030564.D
 Acq: 29 Oct 2017 16:42

Tgt Ion	164	Resp	235184
Ion Ratio <td>100</td> <td></td> <td></td>	100		
Lower	78.8		
Upper	118.2		
162	102.9	35.4	53.0

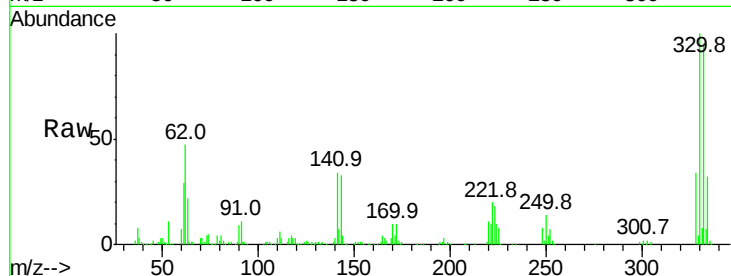




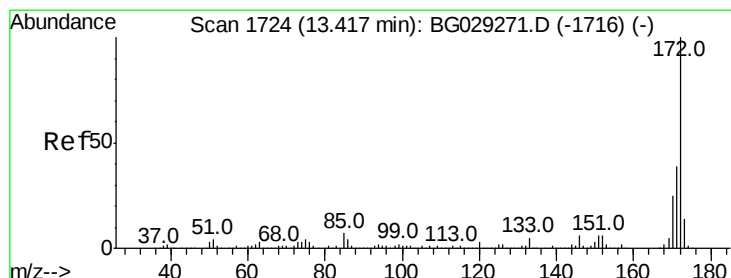
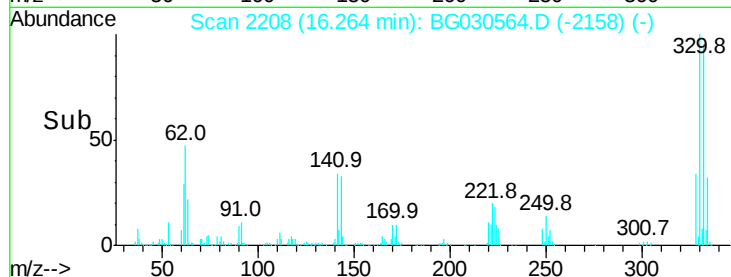
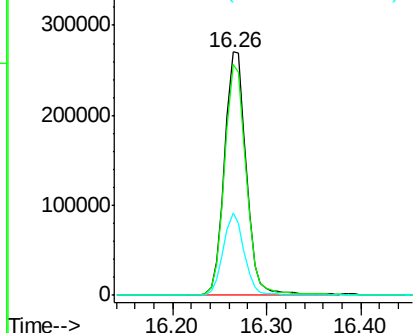
#41
 2,4,6-Tribromophenol
 Concen: 144.496 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG030564.D
 Acq: 29 Oct 2017 16:42

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-102617-D

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.7	77.0	115.6
141	32.7	25.2	37.8

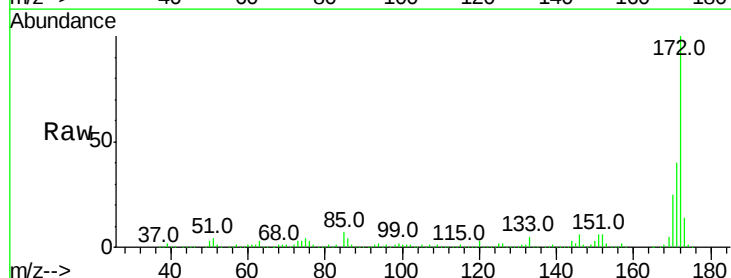


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

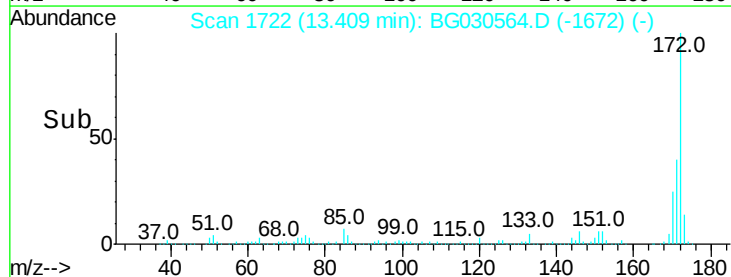
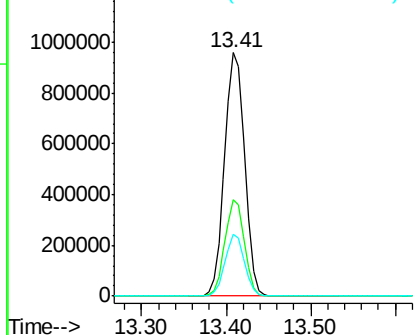


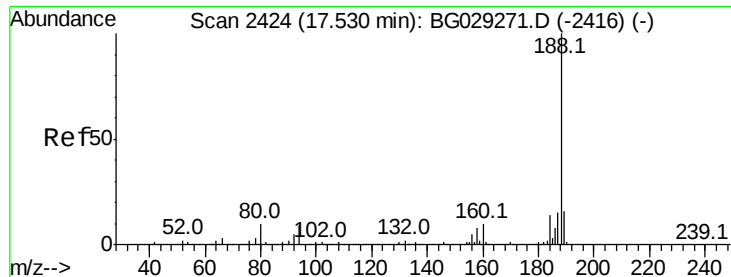
#44
 2-Fluorobiphenyl
 Concen: 98.017 ng
 RT: 13.41 min Scan# 1722
 Delta R.T. -0.01 min
 Lab File: BG030564.D
 Acq: 29 Oct 2017 16:42

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.0	45.0
170	25.4	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

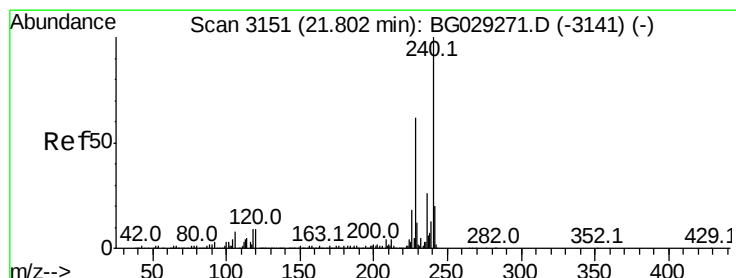
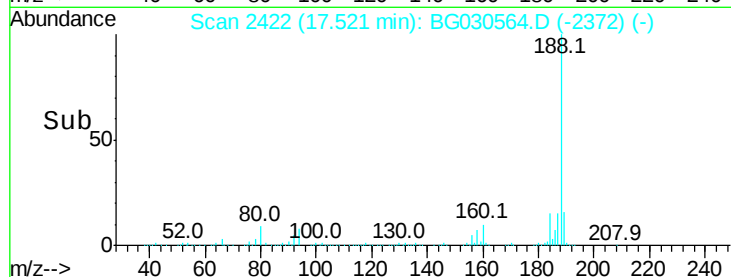
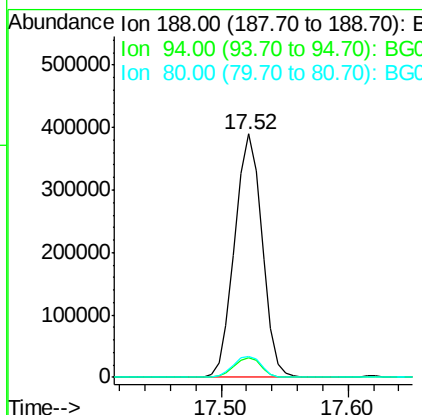
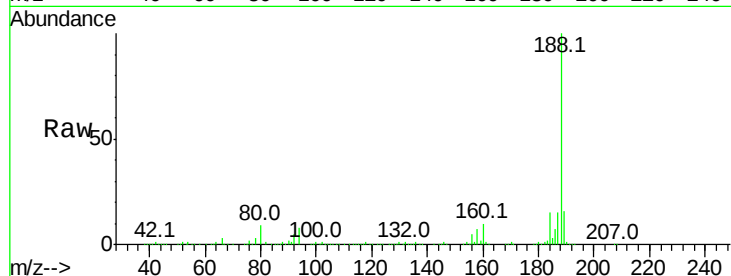




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG030564.D
Acq: 29 Oct 2017 16:42

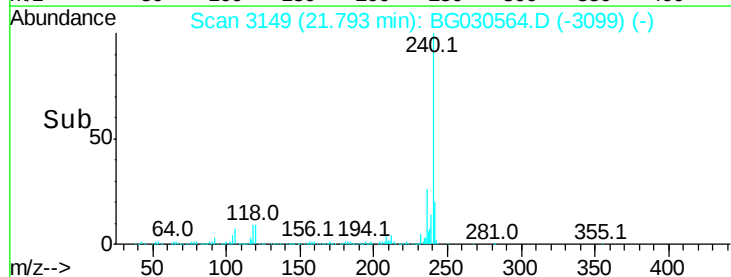
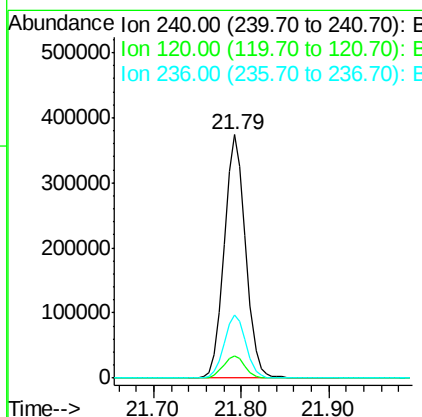
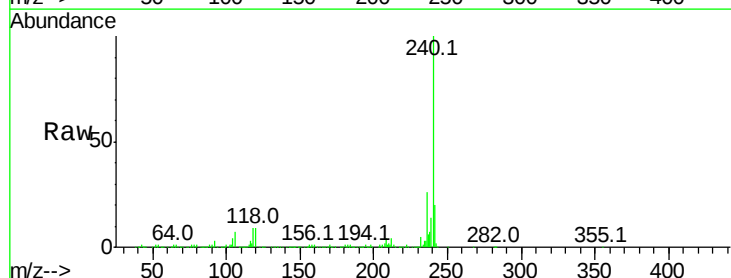
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BNA_G
ClientSampleID :
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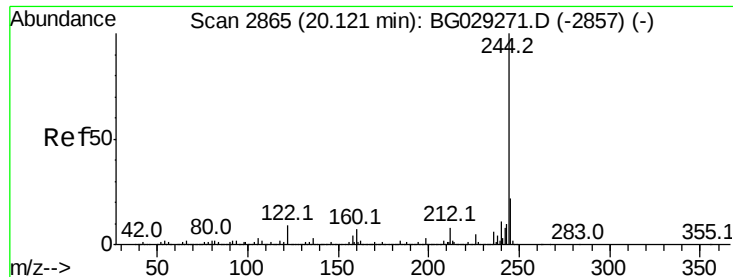
Tot Ion:188 Resp: 584311
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 8.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG030564.D
Acq: 29 Oct 2017 16:42

Tgt Ion:240 Resp: 626874
Ion Ratio Lower Upper
240 100
120 9.0 6.8 10.2
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 90.951 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG030564.D

Acq: 29 Oct 2017 16:42

Instrument :

BNA_G

ClientSampleId :

CL-01-102617-D

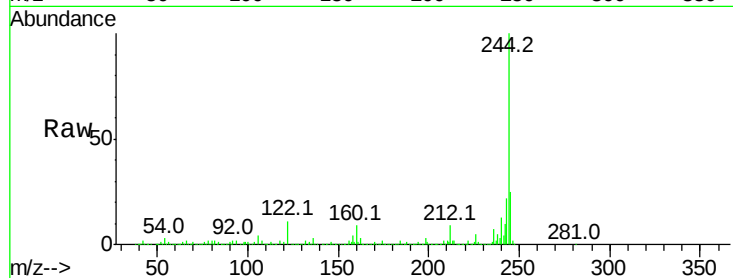
Tot Ion:244 Resp: 2506233

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

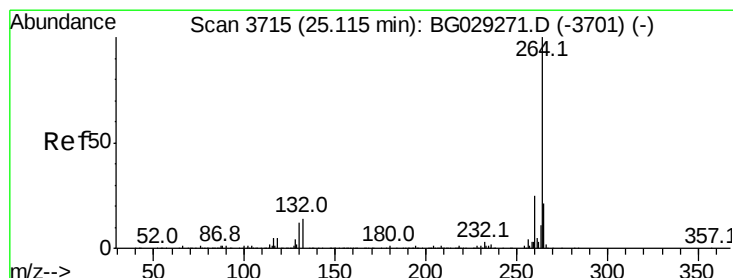
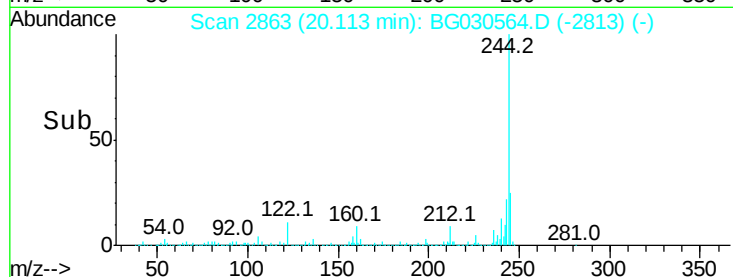
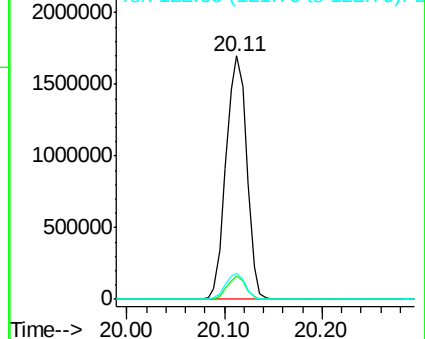
122 10.7 7.0 10.4#



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: 25.11 min Scan# 3713

Delta R.T. -0.01 min

Lab File: BG030564.D

Acq: 29 Oct 2017 16:42

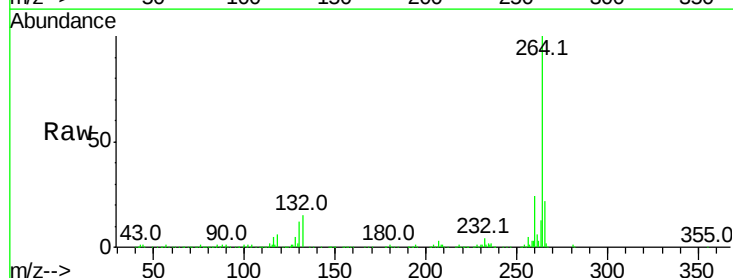
Tgt Ion:264 Resp: 617315

Ion Ratio Lower Upper

264 100

260 24.2 17.4 26.0

265 22.4 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

