

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102817\
 Data File : BG030571.D
 Acq On : 29 Oct 2017 21:23
 Operator : SJ/JU
 Sample : I6094-05
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S-18THST-WEST-COMP(0-3)

Quant Time: Oct 30 08:30:59 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	71364	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	306923	20.00	ng	0.00
38) Acenaphthene-d10	14.78	164	204513	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	508448	20.00	ng	0.00
75) Chrysene-d12	21.80	240	541306	20.00	ng	0.00
86) Perylene-d12	25.11	264	532495	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	713365	166.99	ng	0.00
7) Phenol-d6	7.32	99	853868	142.40	ng	0.00
23) Nitrobenzene-d5	9.33	82	596600	123.52	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	419471	158.86	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1570836	112.65	ng	0.00
78) Terphenyl-d14	20.11	244	2469946	103.80	ng	0.00

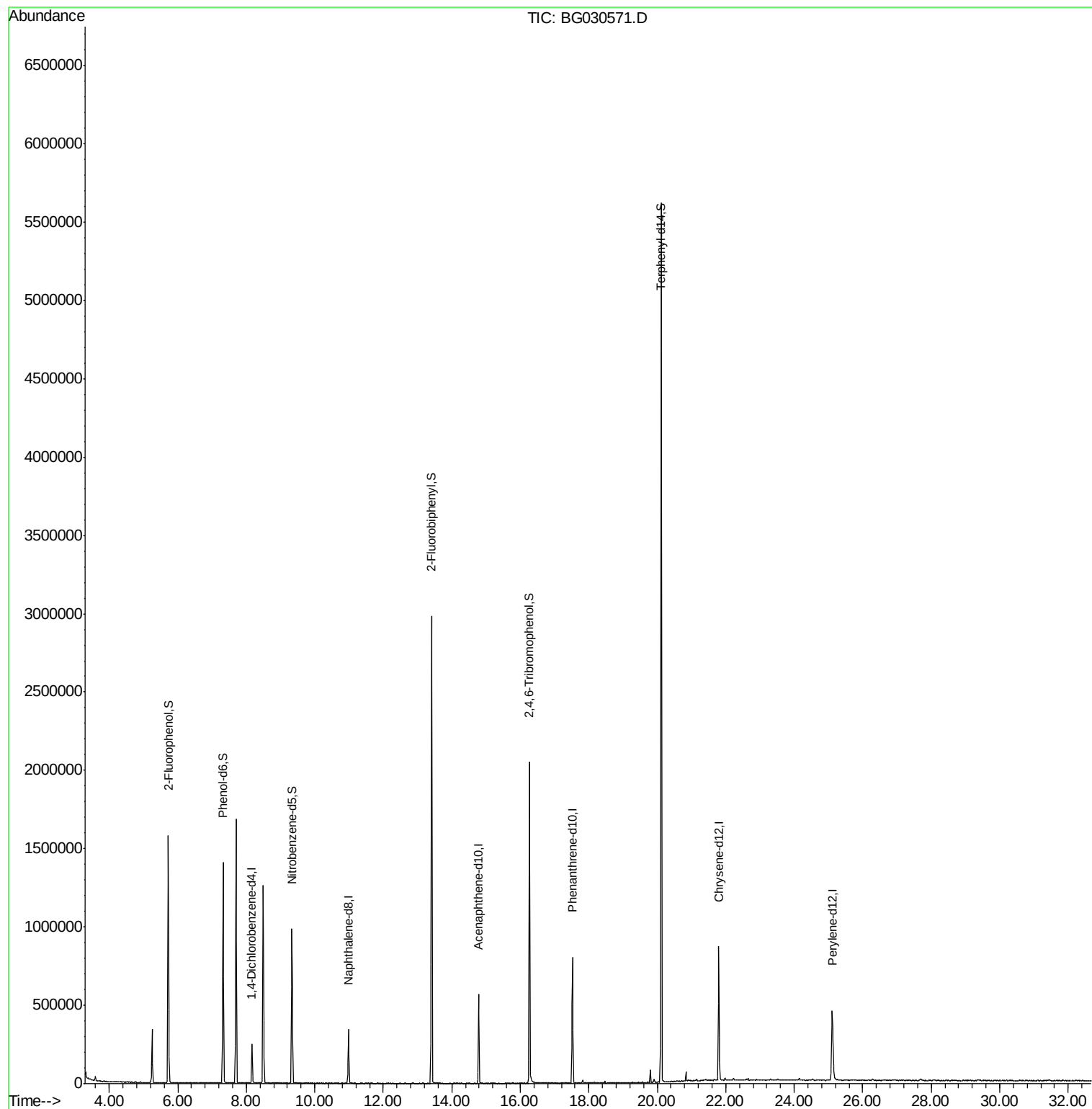
Target Compounds Qvalue

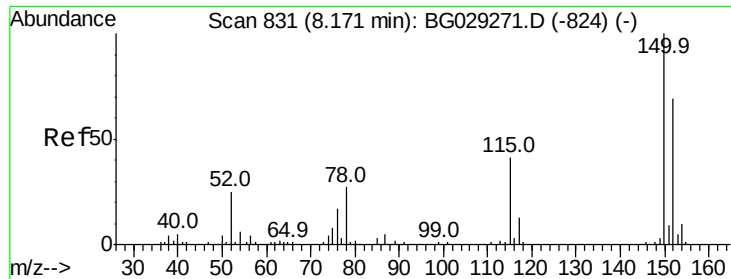
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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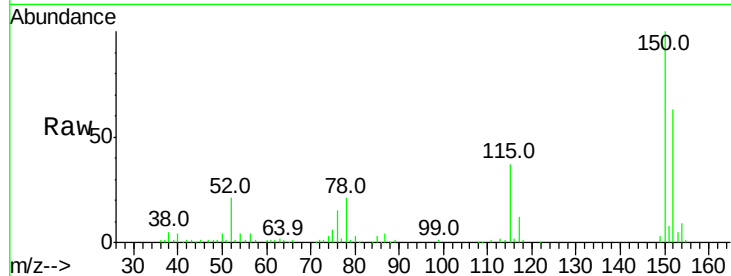


#1

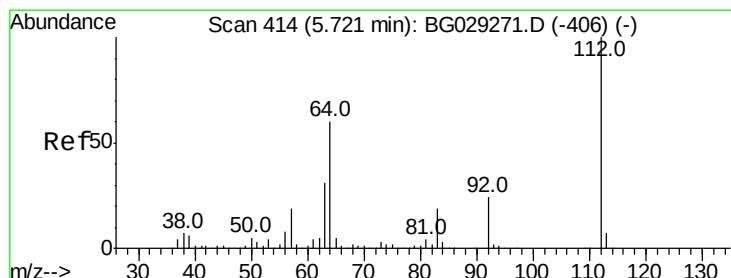
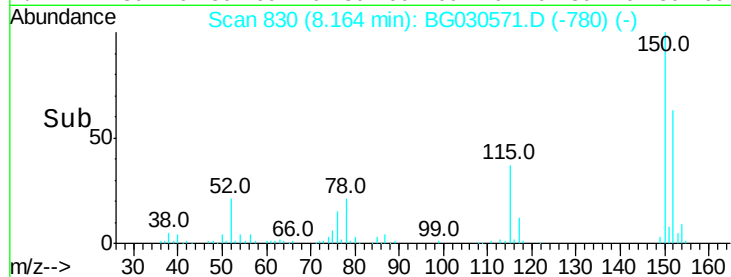
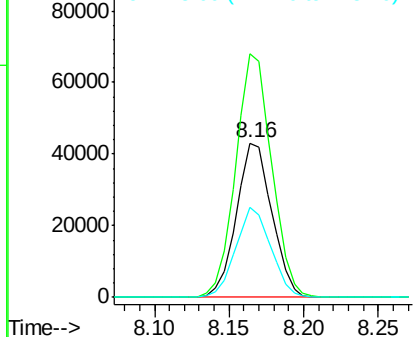
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG030571.D
Acq: 29 Oct 2017 21:23

Instrument :
BNA_G
ClientSampleId :
S-18THST-WEST-COMP(0-3)

Tot Ion:152 Resp: 71364
Ion Ratio Lower Upper
152 100
150 157.8 126.6 189.8
115 58.3 53.0 79.4



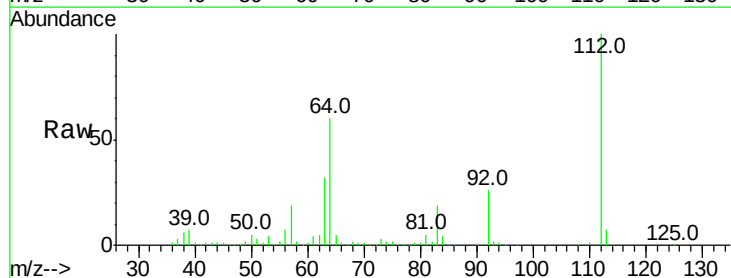
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



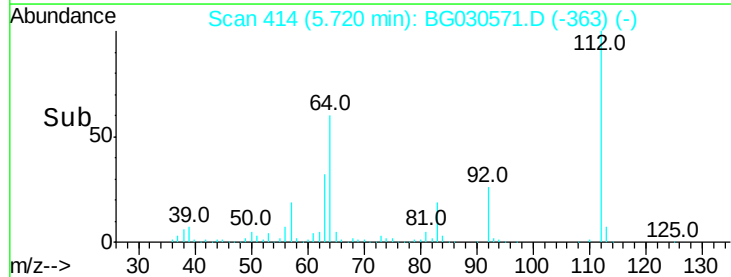
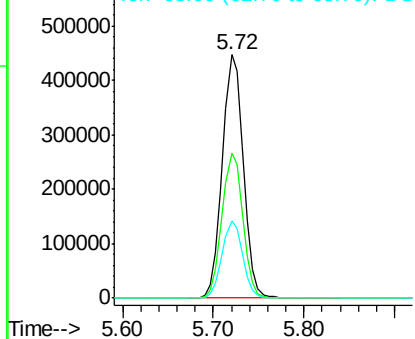
#5

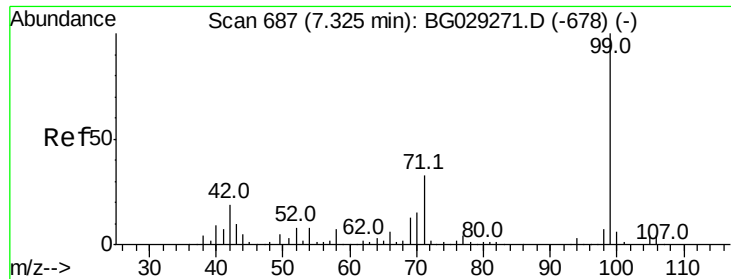
2-Fluorophenol
Concen: 166.991 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG030571.D
Acq: 29 Oct 2017 21:23

Tgt Ion:112 Resp: 713365
Ion Ratio Lower Upper
112 100
64 59.8 56.3 84.5
63 31.9 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: 142.400 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG030571.D

Acq: 29 Oct 2017 21:23

Instrument :

BNA_G

ClientSampleId :

S-18THST-WEST-COMP(0-3)

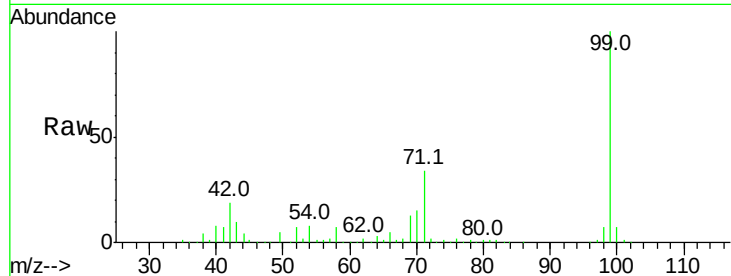
Tot Ion: 99 Resp: 853868

Ion Ratio Lower Upper

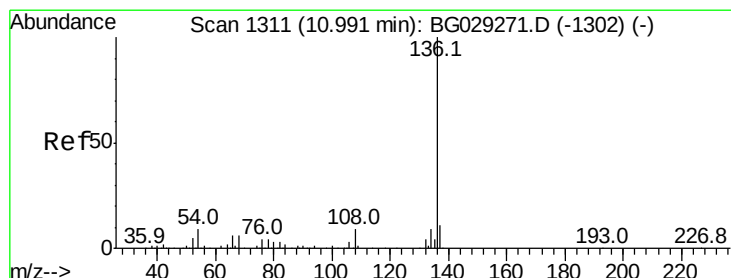
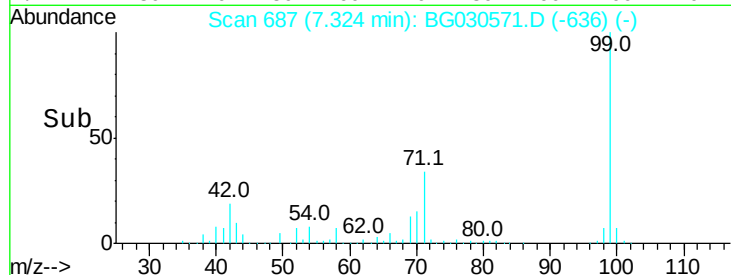
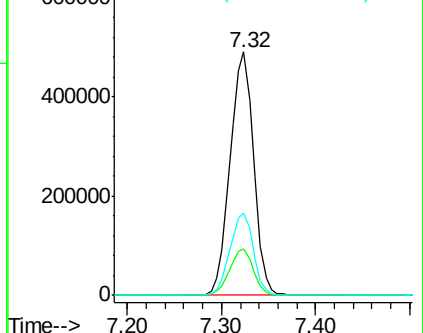
99 100

42 19.0 14.1 21.1

71 34.0 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# 1310

Delta R.T. -0.01 min

Lab File: BG030571.D

Acq: 29 Oct 2017 21:23

Tgt Ion: 136 Resp: 306923

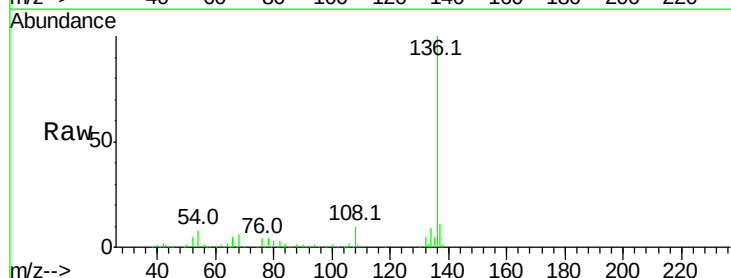
Ion Ratio Lower Upper

136 100

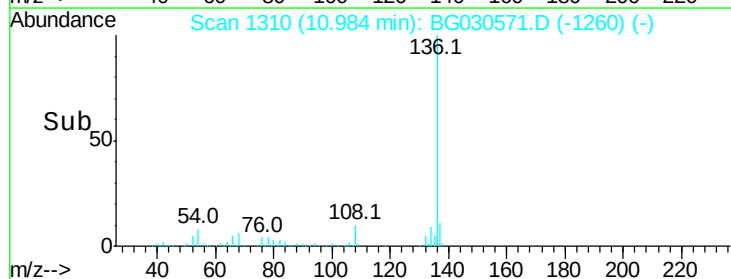
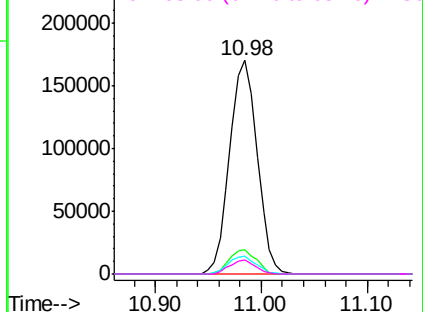
137 11.3 9.2 13.8

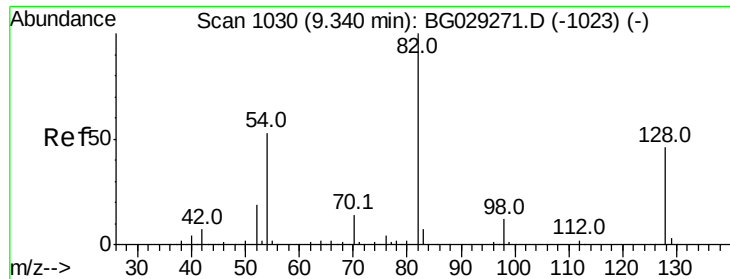
54 8.2 10.3 15.5#

68 6.4 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

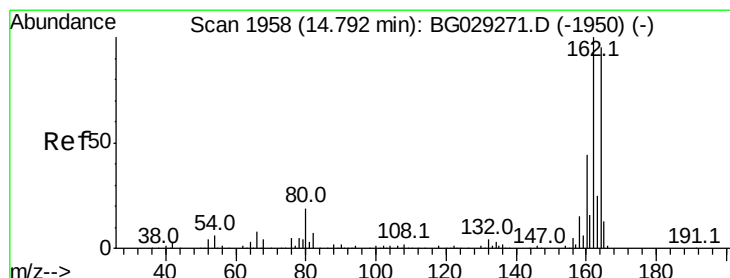
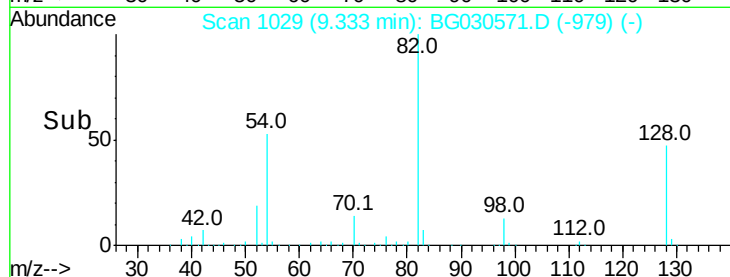
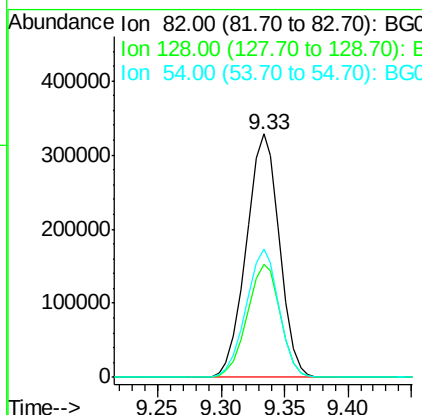
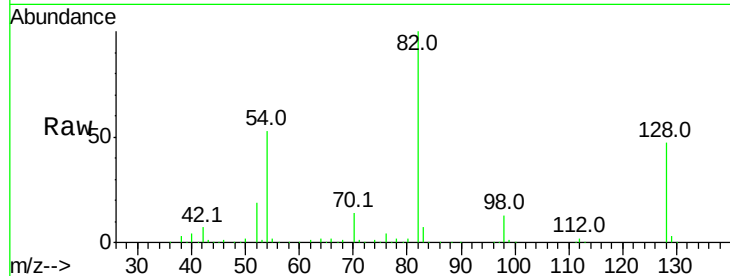




#23
Nitrobenzene-d5
Concen: 123.524 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030571.D
Acq: 29 Oct 2017 21:23

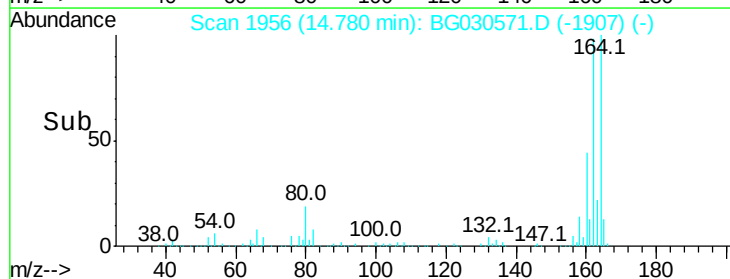
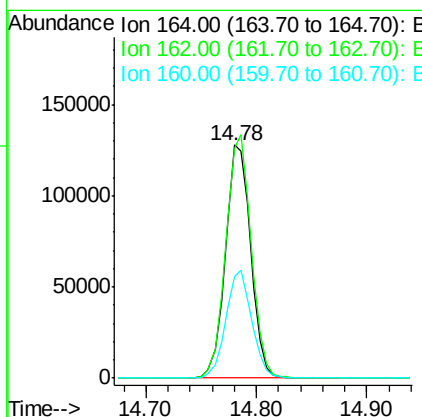
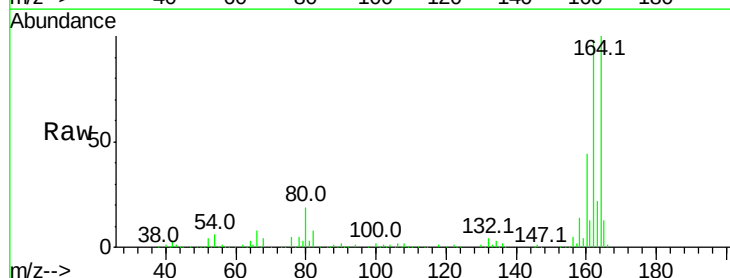
Instrument :
BNA_G
ClientSampleId :
S-18THST-WEST-COMP(0-3)

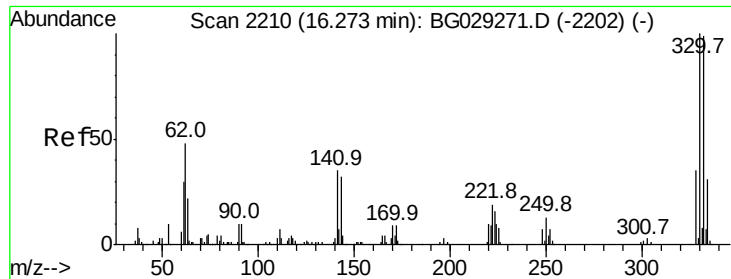
Tot Ion: 82 Resp: 596600
Ion Ratio Lower Upper
82 100
128 46.7 29.7 44.5#
54 52.6 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.78 min Scan# 1956
Delta R.T. -0.01 min
Lab File: BG030571.D
Acq: 29 Oct 2017 21:23

Tgt Ion:164 Resp: 204513
Ion Ratio Lower Upper
164 100
162 98.5 78.8 118.2
160 43.6 35.4 53.0

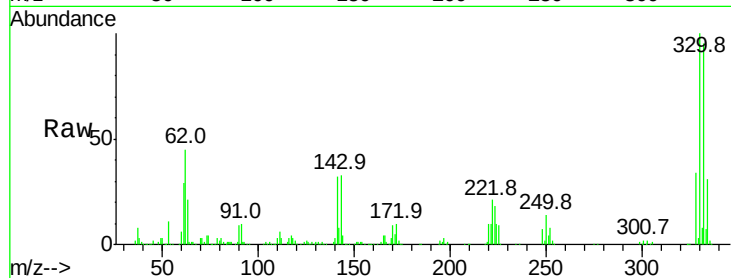




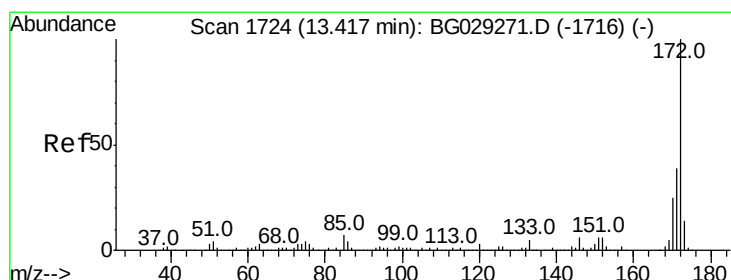
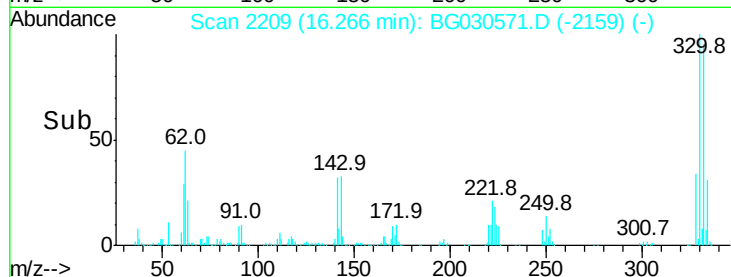
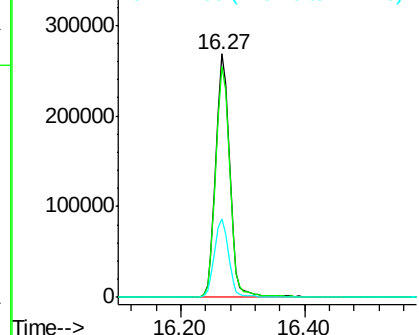
#41
 2,4,6-Tribromophenol
 Concen: 158.862 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG030571.D
 Acq: 29 Oct 2017 21:23

Instrument :
 BNA_G
 ClientSampleId :
 S-18THST-WEST-COMP(0-3)

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.4	77.0	115.6
141	32.5	25.2	37.8

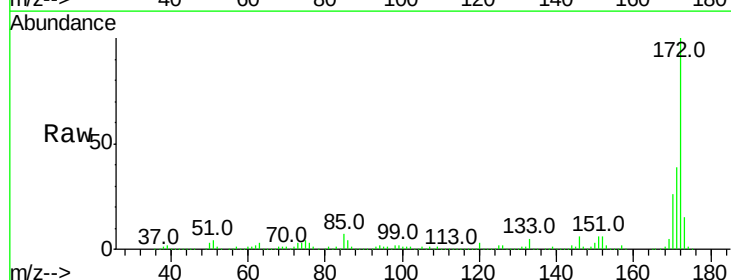


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

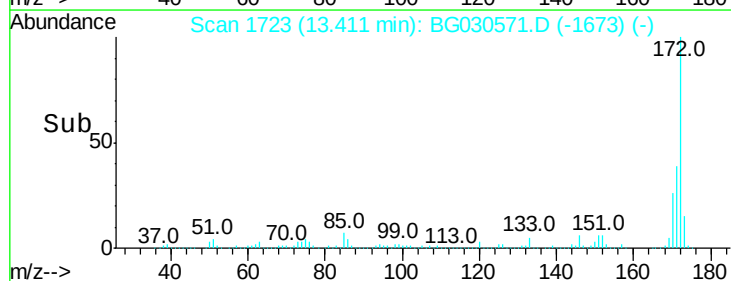
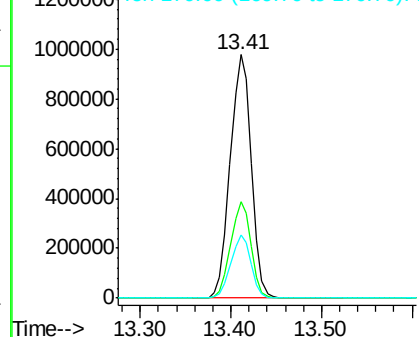


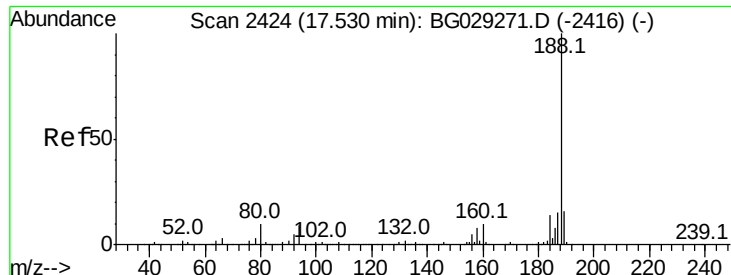
#44
 2-Fluorobiphenyl
 Concen: 112.652 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030571.D
 Acq: 29 Oct 2017 21:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.5	30.0	45.0
170	25.9	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

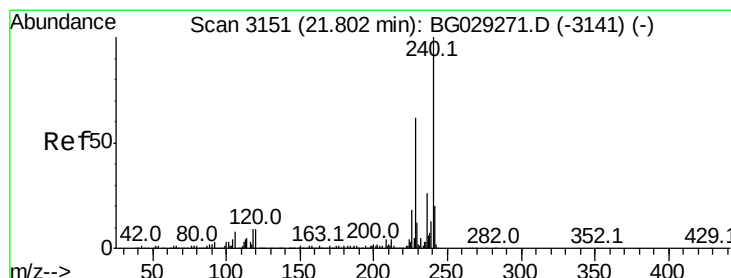
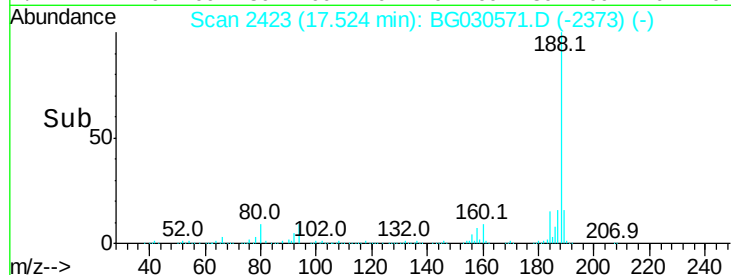
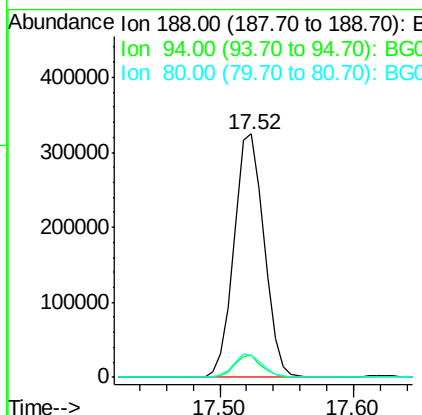
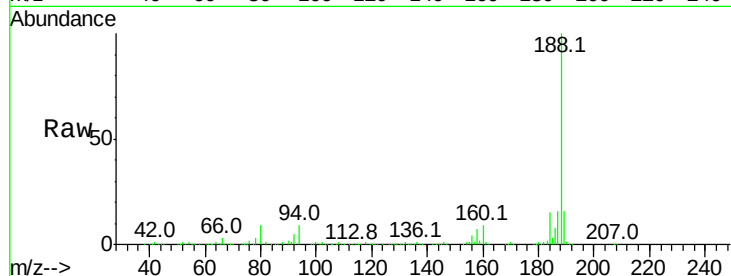




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG030571.D
Acq: 29 Oct 2017 21:23

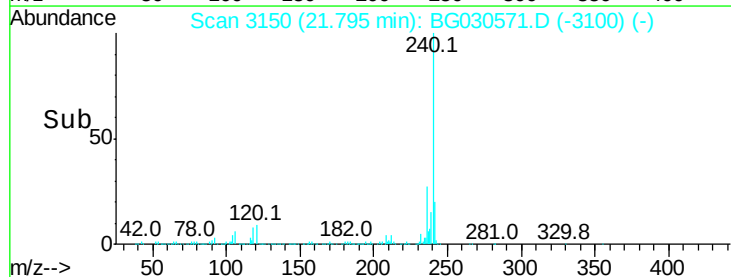
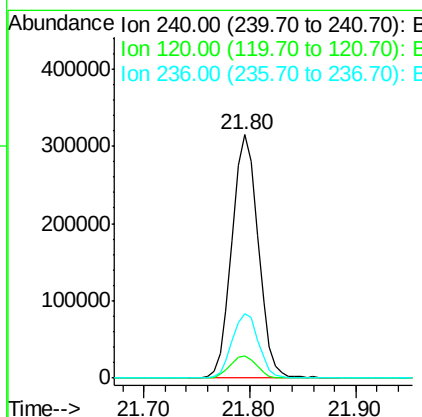
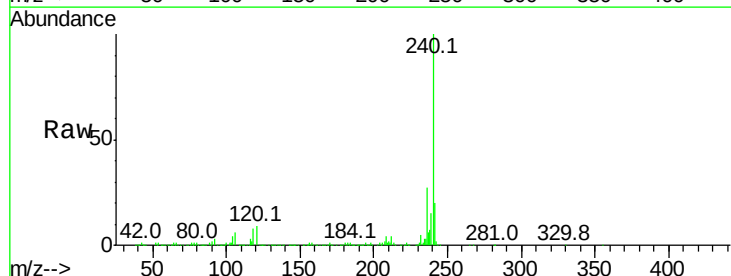
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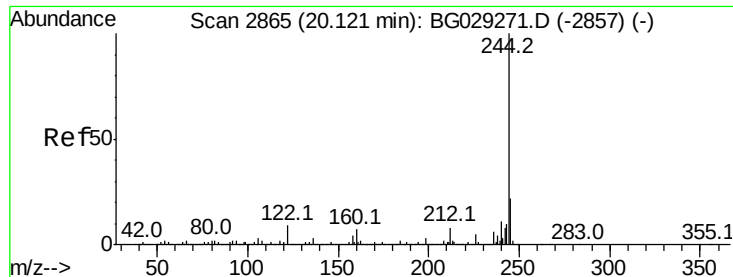
Tot Ion:188 Resp: 508448
Ion Ratio Lower Upper
188 100
94 8.9 6.9 10.3
80 9.3 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG030571.D
Acq: 29 Oct 2017 21:23

Tgt Ion:240 Resp: 541306
Ion Ratio Lower Upper
240 100
120 8.9 6.8 10.2
236 26.6 20.9 31.3

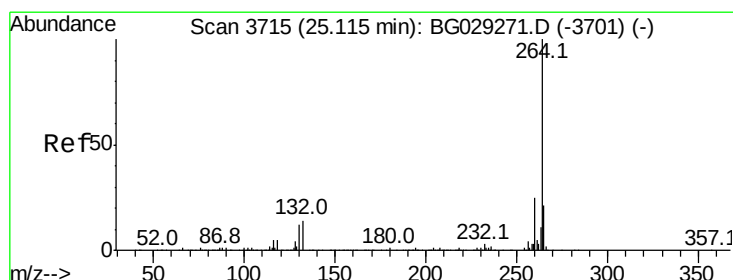
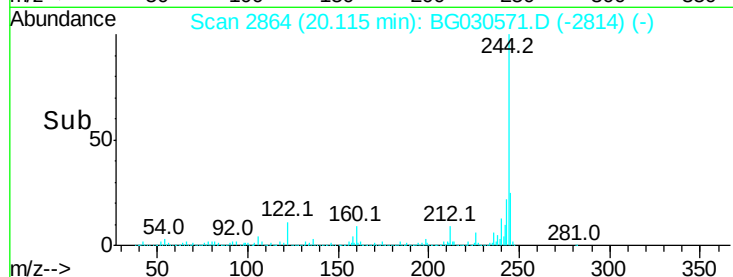
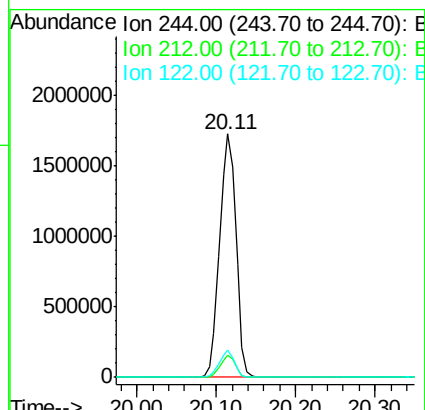
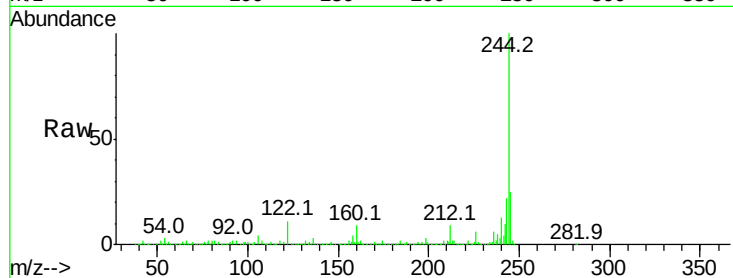




#78
 Terphenyl-d14
 Concen: 103.804 ng
 RT: 20.11 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BG030571.D
 Acq: 29 Oct 2017 21:23

Instrument :
 BNA_G
 ClientSampleId :
 S-18THST-WEST-COMP(0-3)

Tot Ion:244 Resp: 2469946
 Ion Ratio Lower Upper
 244 100
 212 9.4 5.8 8.8#
 122 11.1 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.01 min
 Lab File: BG030571.D
 Acq: 29 Oct 2017 21:23

Tgt Ion:264 Resp: 532495
 Ion Ratio Lower Upper
 264 100
 260 23.6 17.4 26.0
 265 21.8 17.7 26.5

