

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101717\
 Data File : BG029321.D
 Acq On : 18 Oct 2017 6:37
 Operator : SJ/JU
 Sample : I5867-03
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101117-TIFR-E-U-S

Quant Time: Oct 18 15:37:21 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	72380	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	358348	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	236136	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	534638	20.00	ng	0.00
75) Chrysene-d12	21.80	240	552727	20.00	ng	0.00
86) Perylene-d12	25.11	264	556704	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	222752	51.41	ng	0.00
7) Phenol-d6	7.32	99	197154	32.42	ng	0.00
23) Nitrobenzene-d5	9.33	82	540474	95.84	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	215482	70.68	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1439515	89.41	ng	0.00
78) Terphenyl-d14	20.12	244	2141445	88.14	ng	0.00

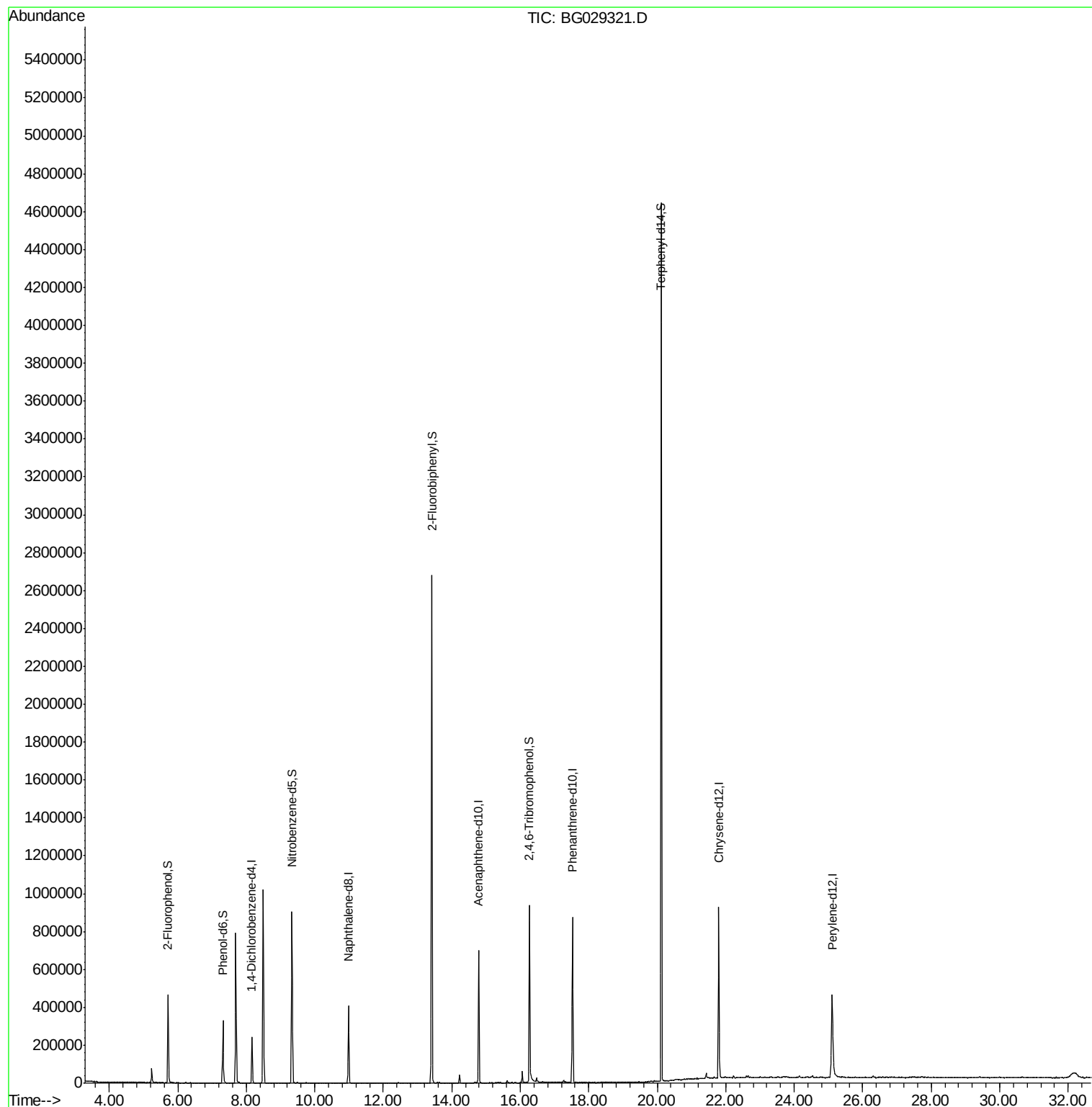
Target Compounds Qvalue

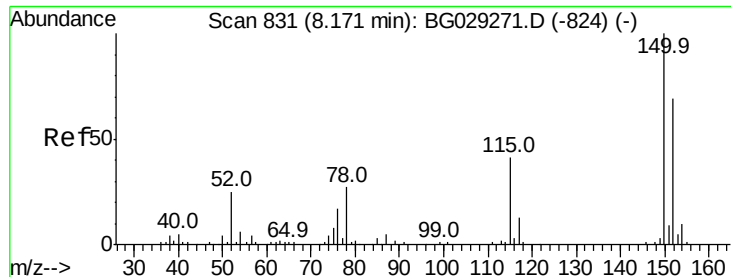
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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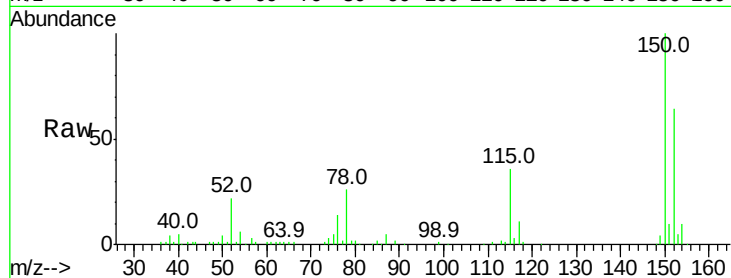


#1

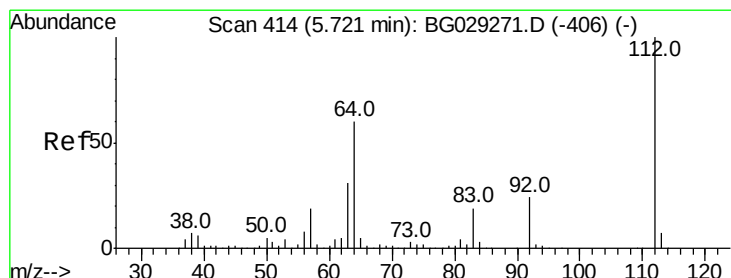
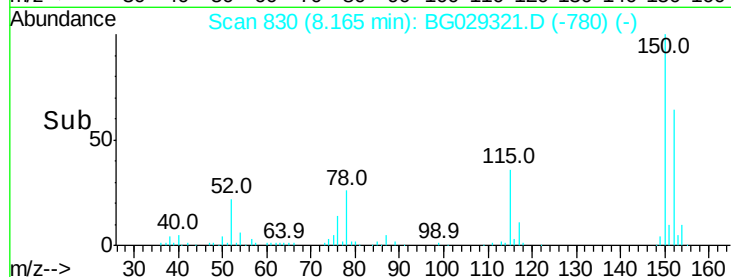
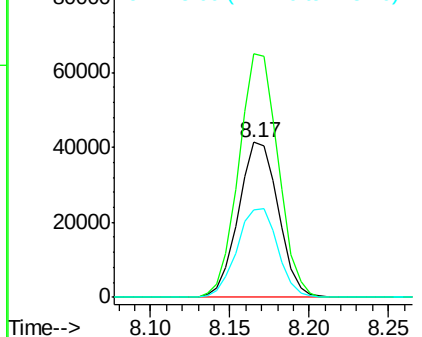
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.01 min
Lab File: BG029321.D
Acq: 18 Oct 2017 6:37

Instrument :
BNA_G
ClientSampleId :
101117-TIFR-E-U-S

Tot Ion:152 Resp: 72380
Ion Ratio Lower Upper
152 100
150 156.8 126.6 189.8
115 56.5 53.0 79.4



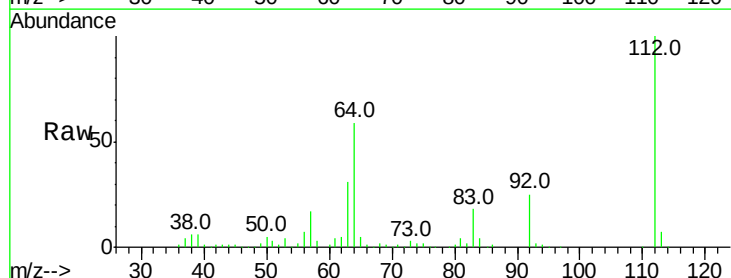
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



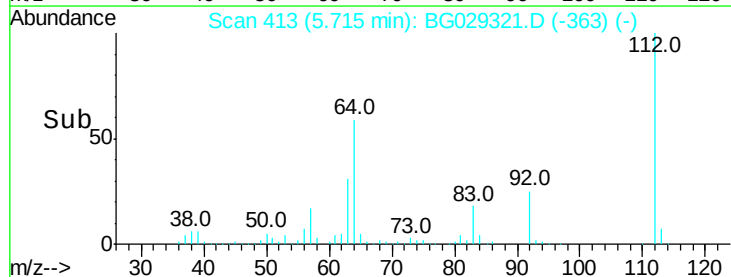
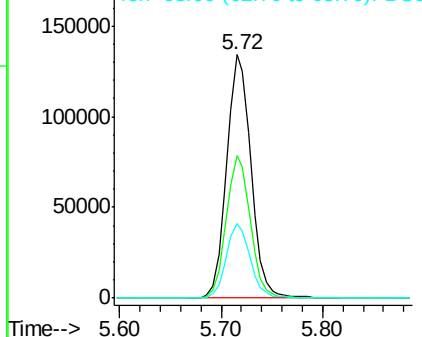
#5

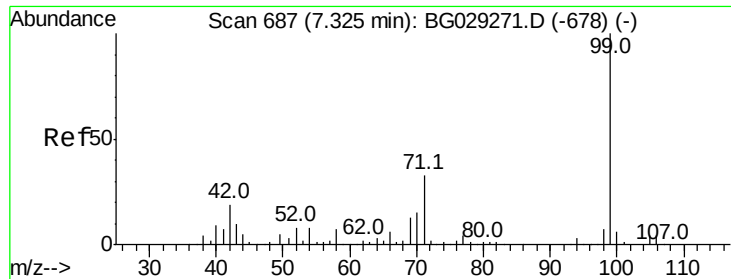
2-Fluorophenol
Concen: 51.412 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029321.D
Acq: 18 Oct 2017 6:37

Tgt Ion:112 Resp: 222752
Ion Ratio Lower Upper
112 100
64 58.7 56.3 84.5
63 30.5 30.1 45.1



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: 32.418 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029321.D

Acq: 18 Oct 2017 6:37

Instrument :

BNA_G

ClientSampleId :

101117-TIFR-E-U-S

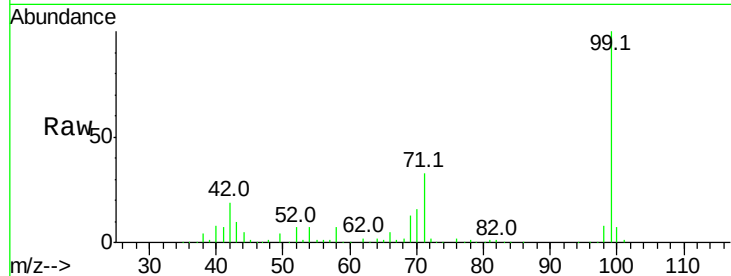
Tot Ion: 99 Resp: 197154

Ion Ratio Lower Upper

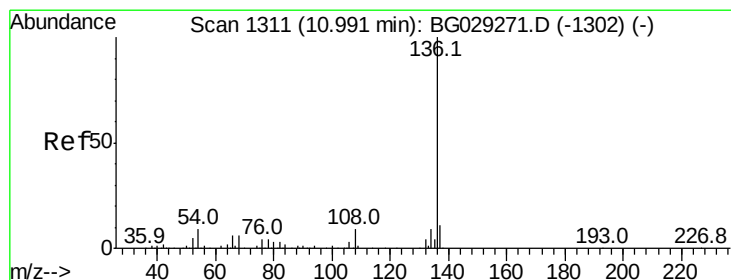
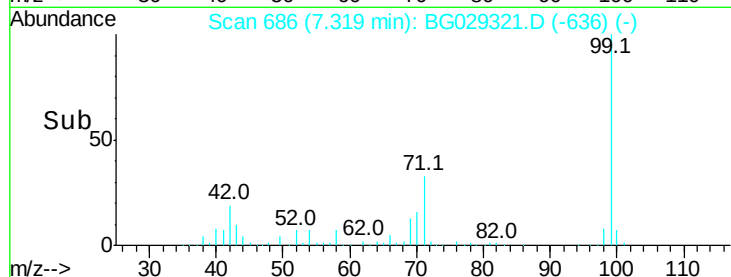
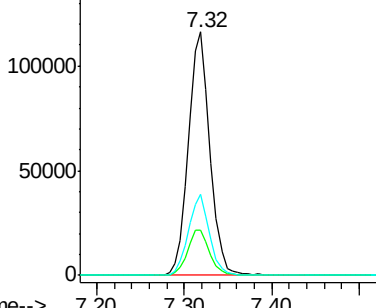
99 100

42 18.8 14.1 21.1

71 33.4 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: BG029321.D

Acq: 18 Oct 2017 6:37

Tgt Ion: 136 Resp: 358348

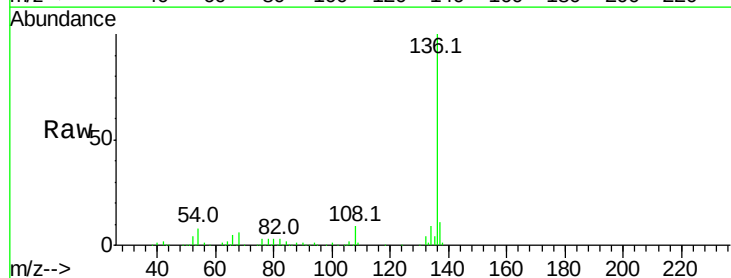
Ion Ratio Lower Upper

136 100

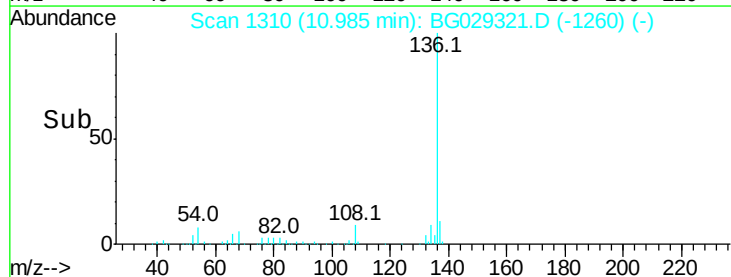
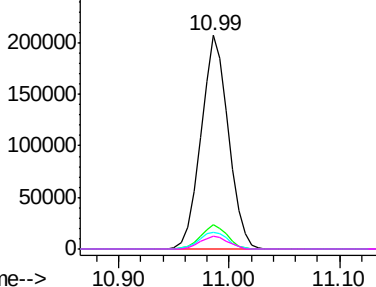
137 11.4 9.2 13.8

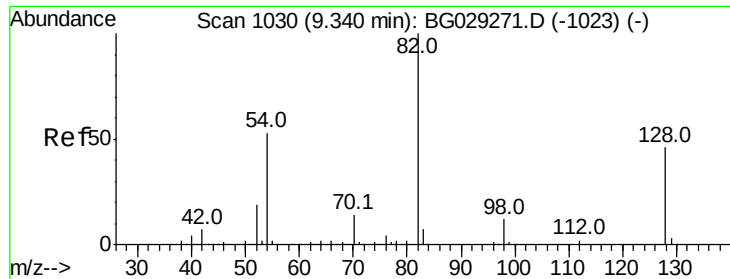
54 7.8 10.3 15.5#

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

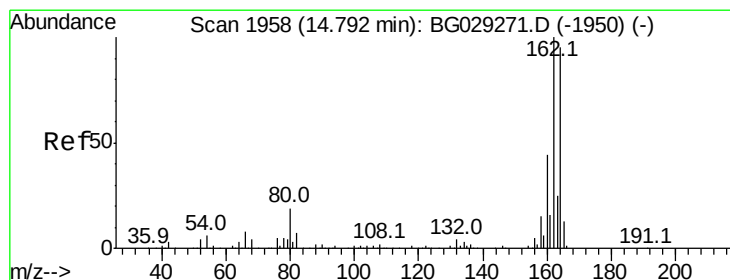
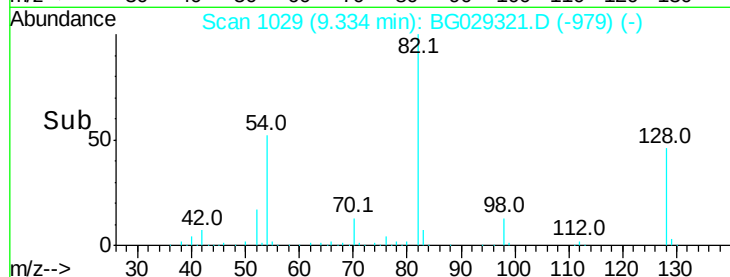
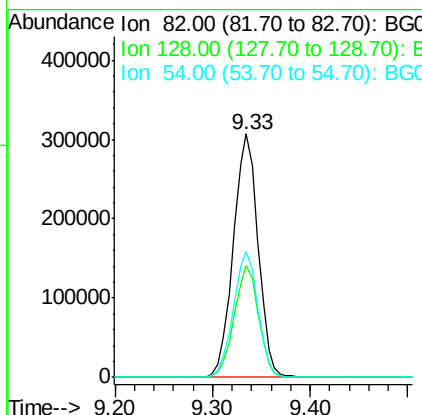
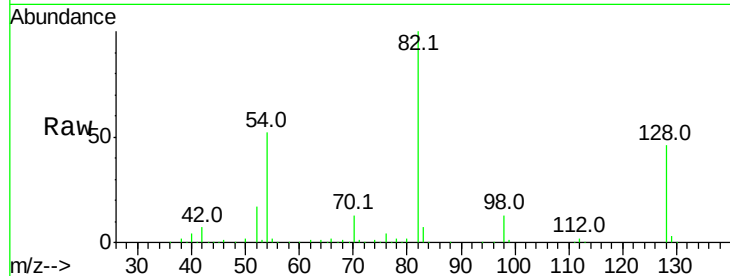




#23
Nitrobenzene-d5
Concen: 95.844 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029321.D
Acq: 18 Oct 2017 6:37

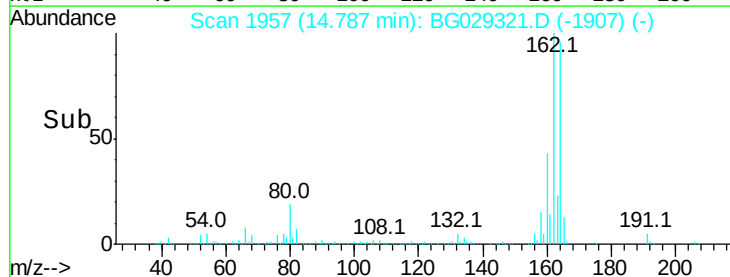
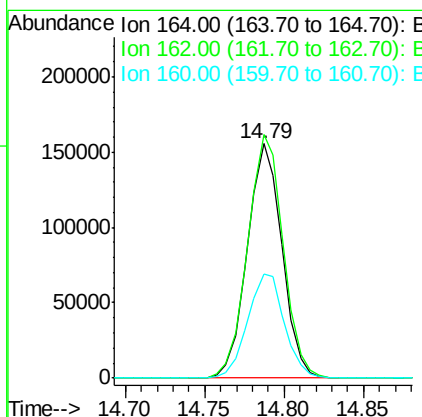
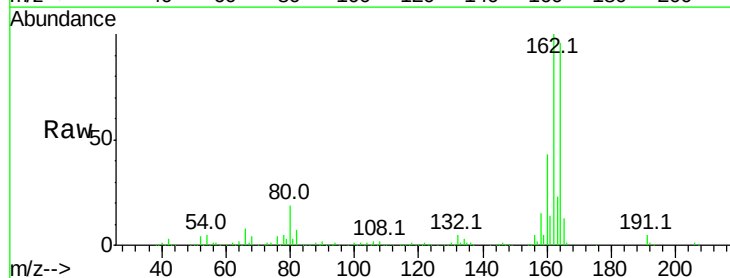
Instrument :
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101117-TIFR-E-U-S

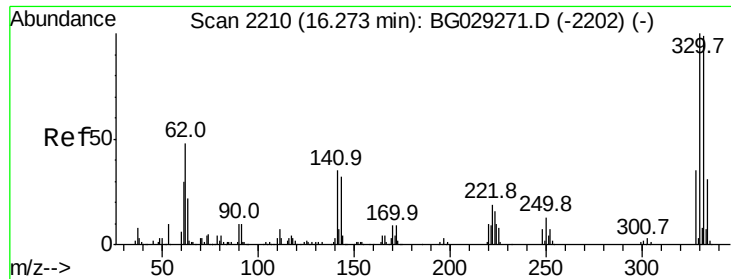
Tot Ion	82	Resp	540474
Ion	Ratio	Lower	Upper
82	100		
128	46.0	29.7	44.5#
54	51.7	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029321.D
Acq: 18 Oct 2017 6:37

Tgt Ion	164	Resp	236136
Ion	Ratio	Lower	Upper
164	100		
162	104.0	78.8	118.2
160	44.7	35.4	53.0

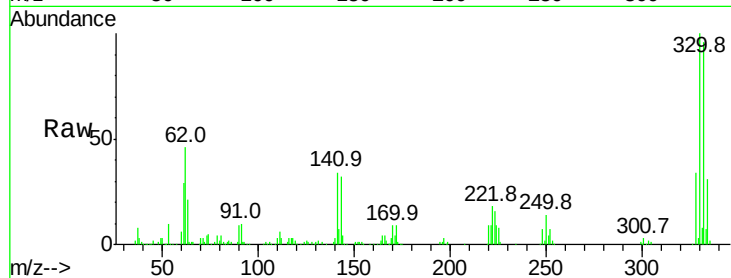




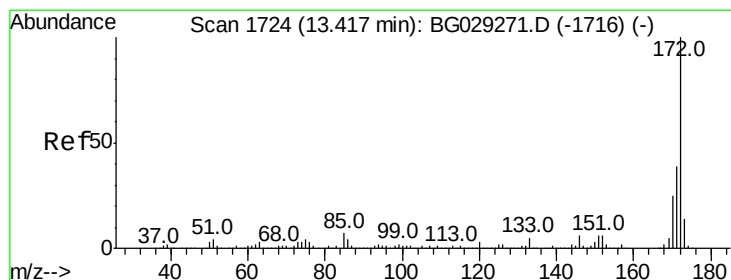
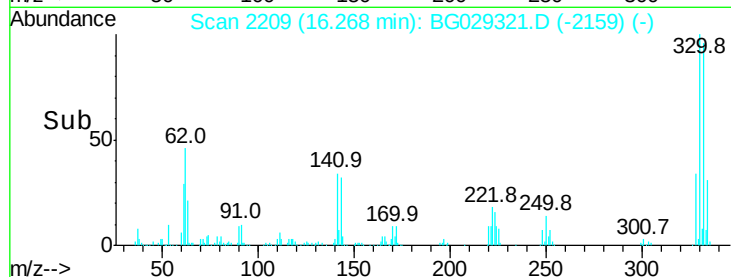
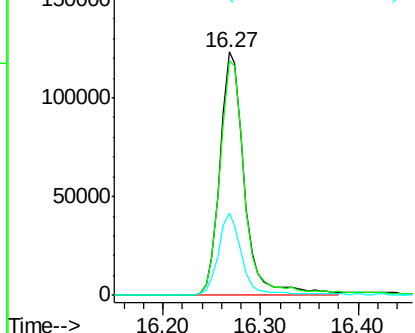
#41
 2,4,6-Tribromophenol
 Concen: 70.679 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029321.D
 Acq: 18 Oct 2017 6:37

Instrument :
 BNA_G
 ClientSampleId :
 101117-TIFR-E-U-S

Tot Ion:330 Resp: 215482
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.0 115.6
 141 32.7 25.2 37.8

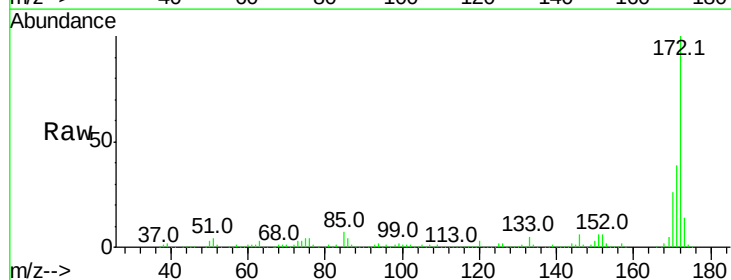


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

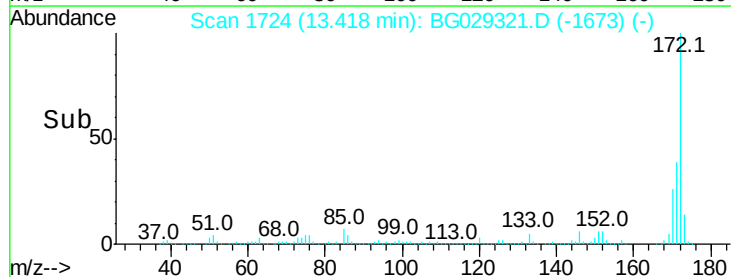
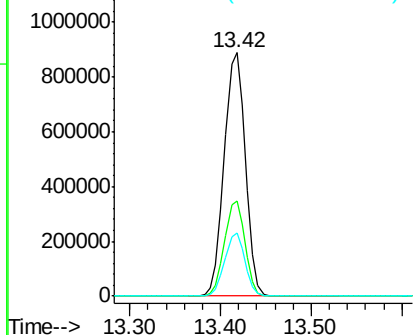


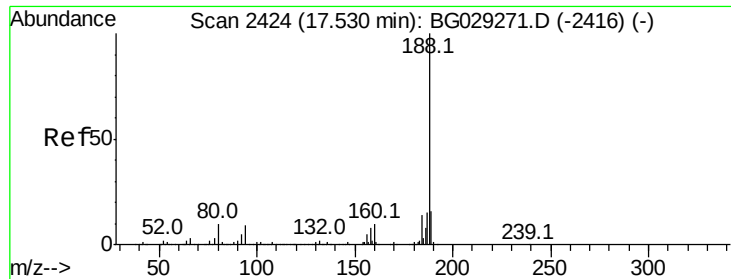
#44
 2-Fluorobiphenyl
 Concen: 89.409 ng
 RT: 13.42 min Scan# 1724
 Delta R.T. 0.00 min
 Lab File: BG029321.D
 Acq: 18 Oct 2017 6:37

Tgt Ion:172 Resp: 1439515
 Ion Ratio Lower Upper
 172 100
 171 38.9 30.0 45.0
 170 26.1 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

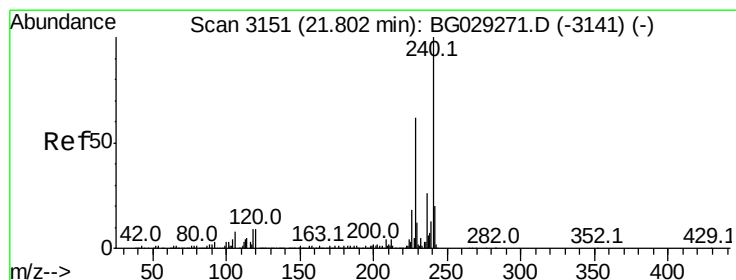
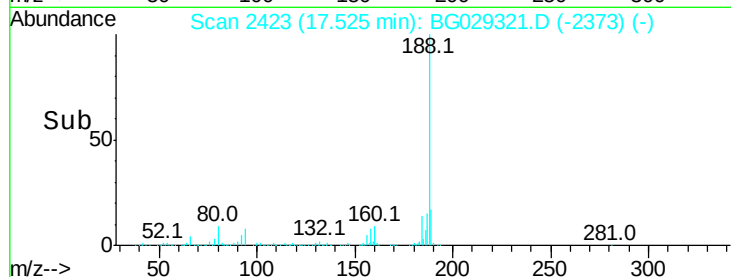
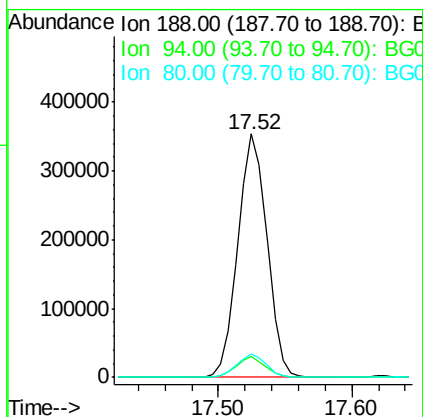
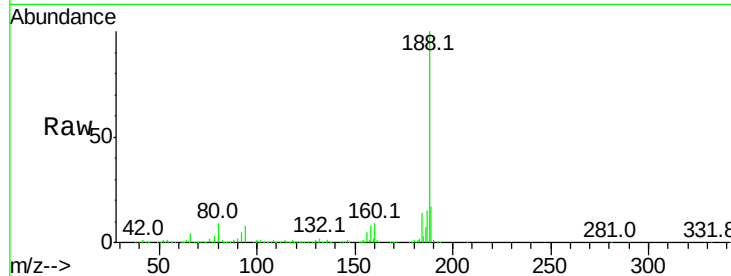




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG029321.D
 Acq: 18 Oct 2017 6:37

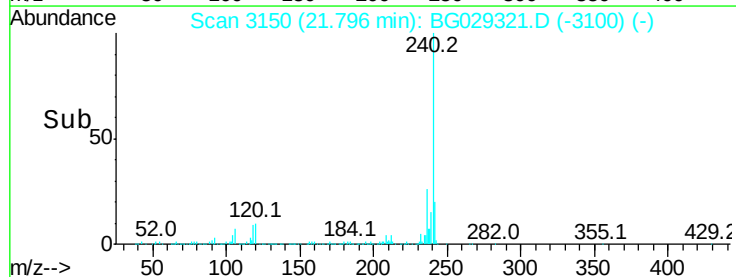
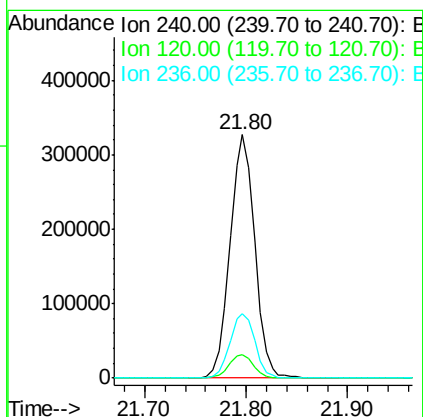
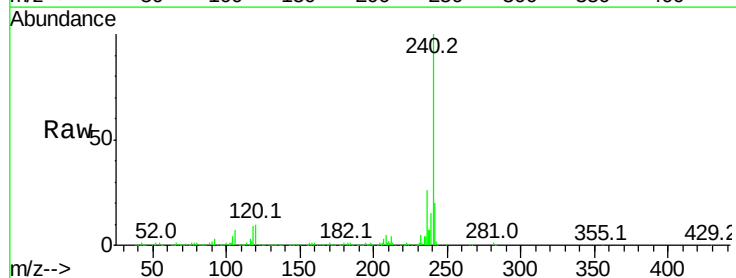
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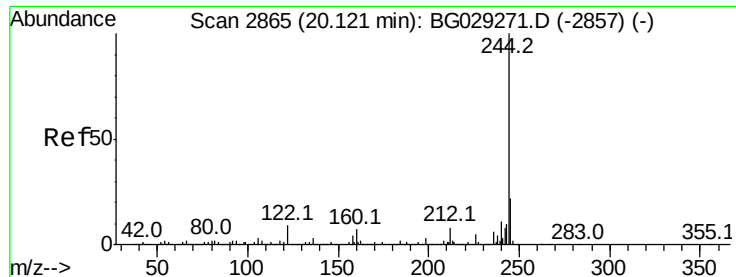
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.5	6.9	10.3
80	9.5	7.7	11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.80 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG029321.D
 Acq: 18 Oct 2017 6:37

Tgt Ion	Ratio	Lower	Upper
240	100		
120	9.6	6.8	10.2
236	26.3	20.9	31.3

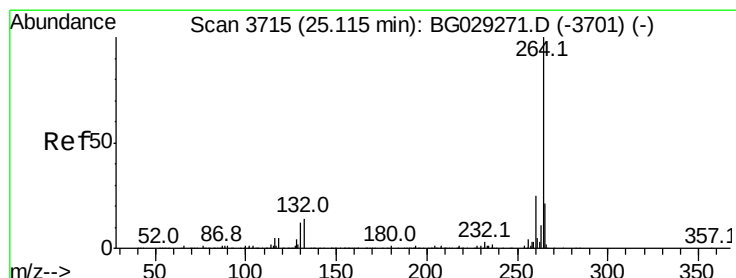
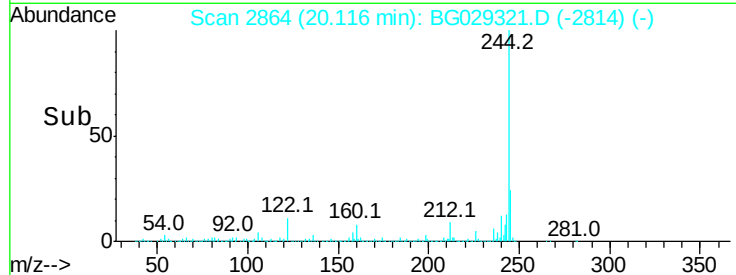
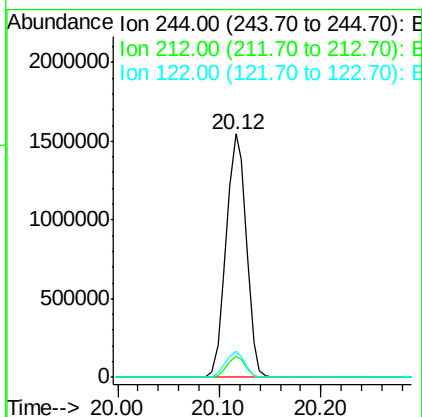
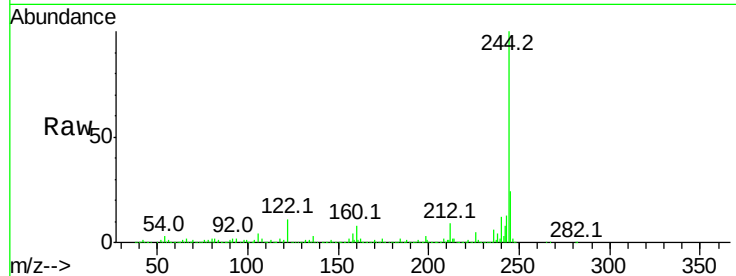




#78
 Terphenyl-d14
 Concen: 88.138 ng
 RT: 20.12 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BG029321.D
 Acq: 18 Oct 2017 6:37

Instrument :
 BNA_G
 ClientSampleId :
 101117-TIFR-E-U-S

Tot Ion:244 Resp: 2141445
 Ion Ratio Lower Upper
 244 100
 212 8.6 5.8 8.8
 122 10.7 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: BG029321.D
 Acq: 18 Oct 2017 6:37

Tgt Ion:264 Resp: 556704
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 22.2 17.7 26.5

