

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101717\
 Data File : BG029330.D
 Acq On : 18 Oct 2017 12:31
 Operator : SJ/JU
 Sample : I5883-02
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101217-TIFR-E-U-M

Quant Time: Oct 18 15:39:20 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	75573	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	369411	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	250379	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	576146	20.00	ng	0.00
75) Chrysene-d12	21.80	240	604219	20.00	ng	0.00
86) Perylene-d12	25.10	264	603845	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	207630	45.90	ng	0.00
7) Phenol-d6	7.32	99	178069	28.04	ng	0.00
23) Nitrobenzene-d5	9.33	82	557808	95.96	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	263461	81.50	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1509432	88.42	ng	0.00
78) Terphenyl-d14	20.11	244	2236818	84.22	ng	0.00

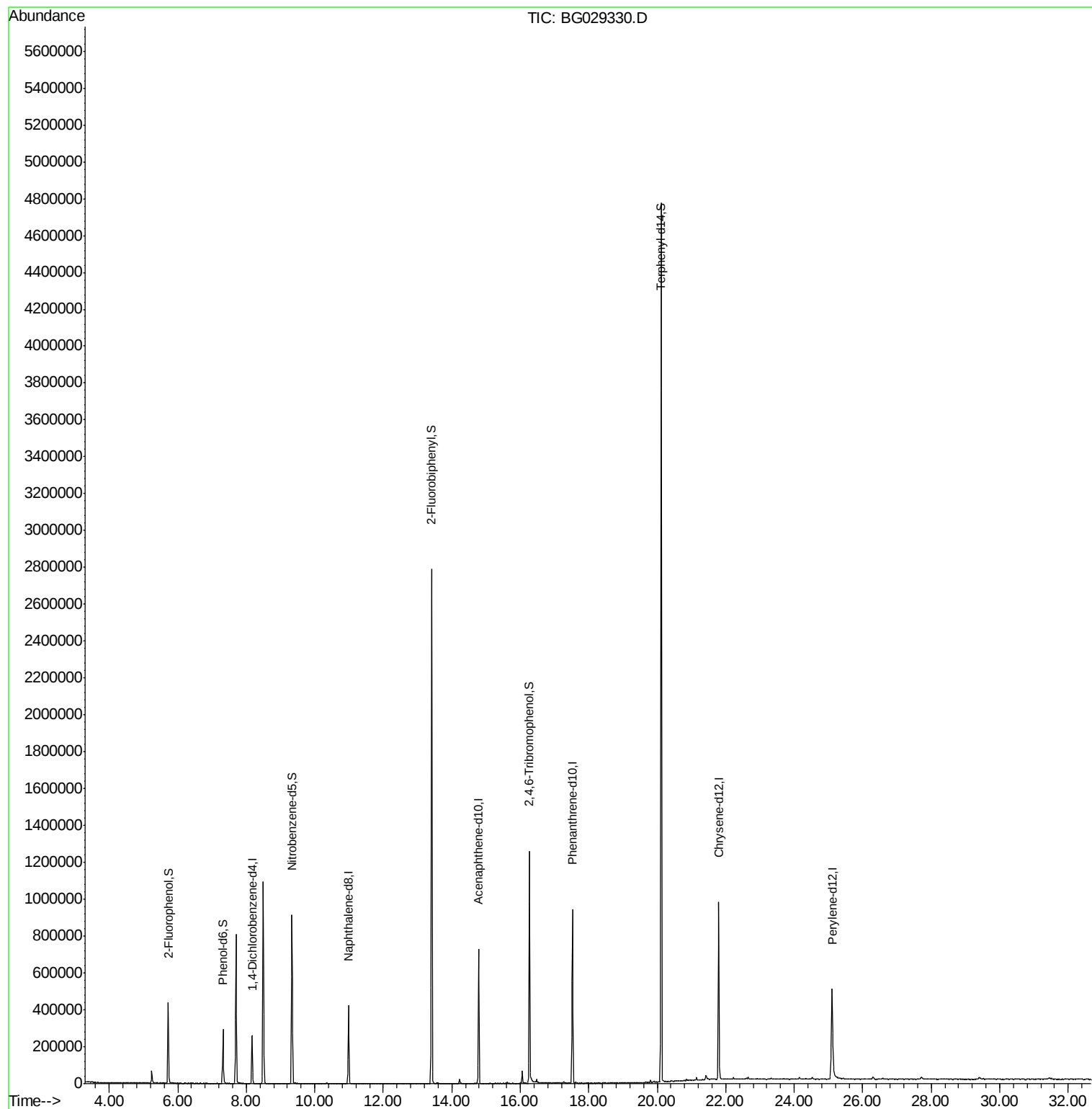
Target Compounds	Qvalue
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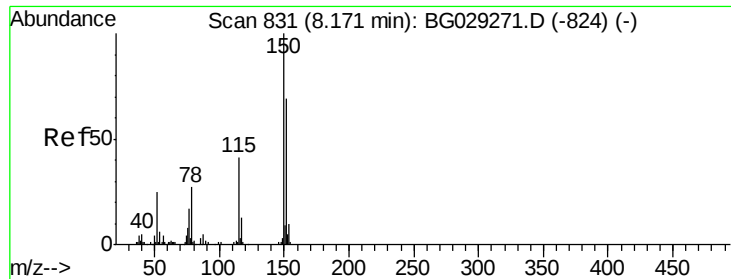
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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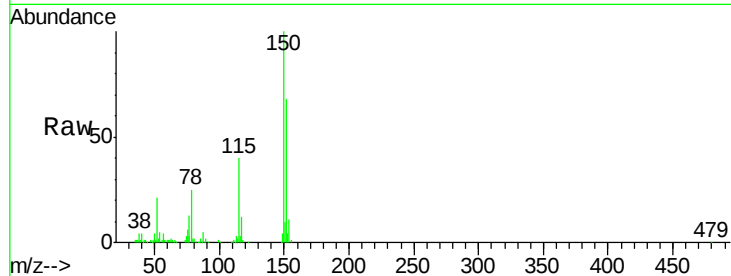


#1

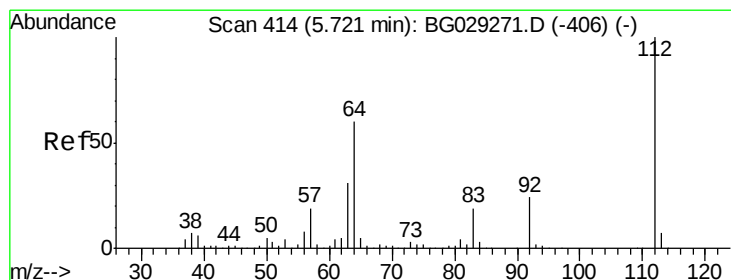
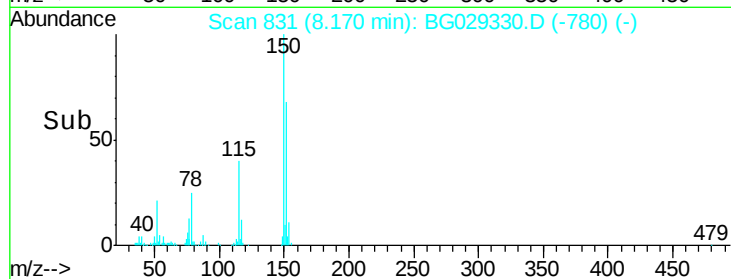
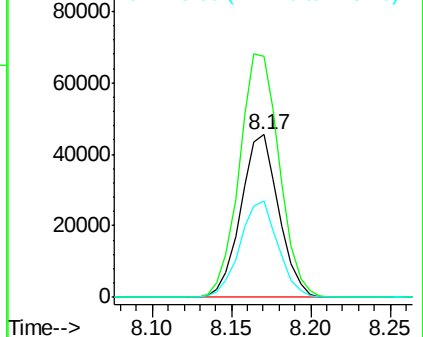
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029330.D
Acq: 18 Oct 2017 12:31

Instrument :
BNA_G
ClientSampleId :
101217-TIFR-E-U-M

Tgt Ion:152 Resp: 75573
Ion Ratio Lower Upper
152 100
150 148.0 126.6 189.8
115 59.2 53.0 79.4



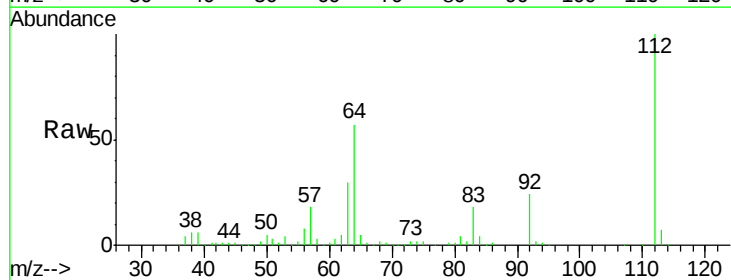
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



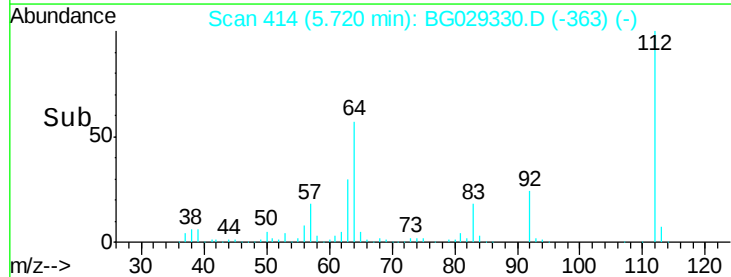
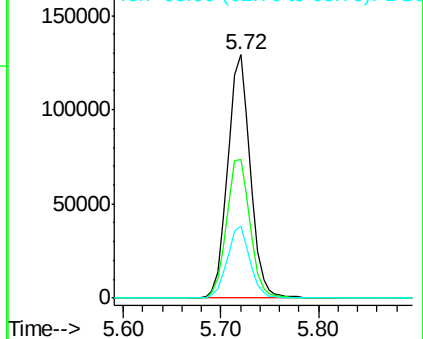
#5

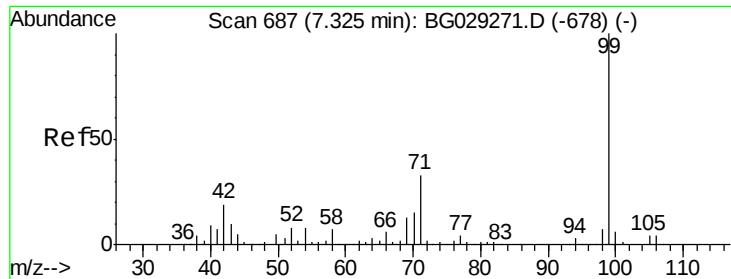
2-Fluorophenol
Concen: 45.897 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG029330.D
Acq: 18 Oct 2017 12:31

Tgt Ion:112 Resp: 207630
Ion Ratio Lower Upper
112 100
64 57.1 56.3 84.5
63 29.5 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: 28.043 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029330.D

Acq: 18 Oct 2017 12:31

Instrument :

BNA_G

ClientSampleId :

101217-TIFR-E-U-M

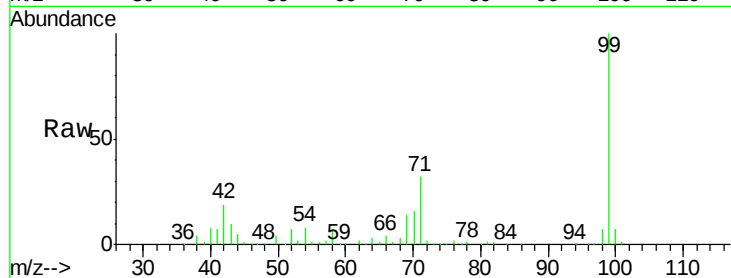
Tgt Ion: 99 Resp: 178069

Ion Ratio Lower Upper

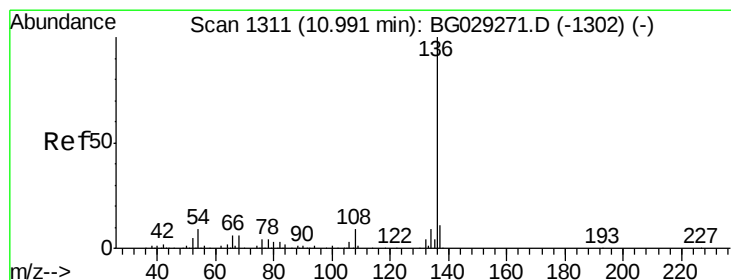
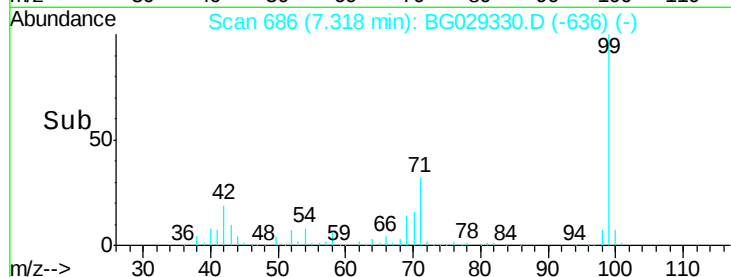
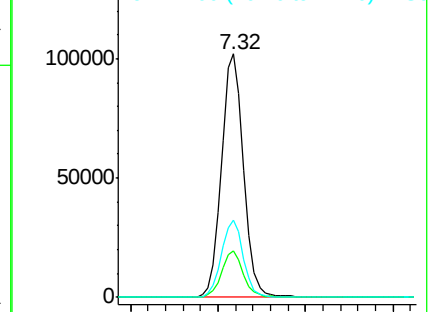
99 100

42 19.2 14.1 21.1

71 31.6 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: BG029330.D

Acq: 18 Oct 2017 12:31

Tgt Ion: 136 Resp: 369411

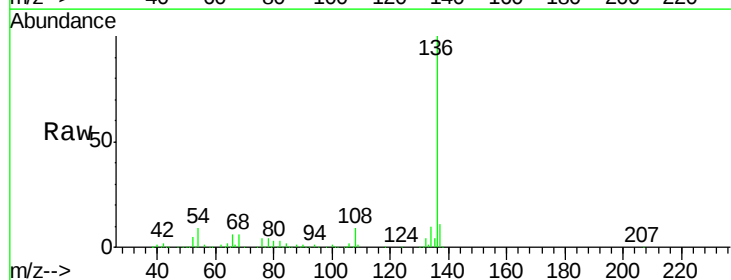
Ion Ratio Lower Upper

136 100

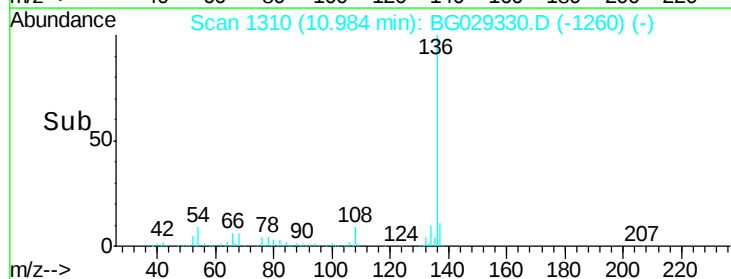
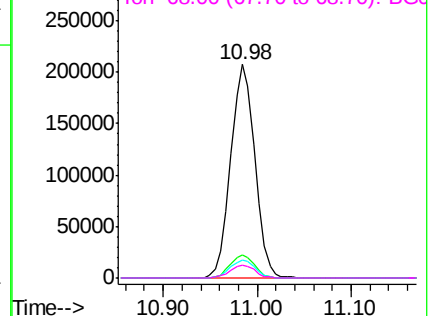
137 11.0 9.2 13.8

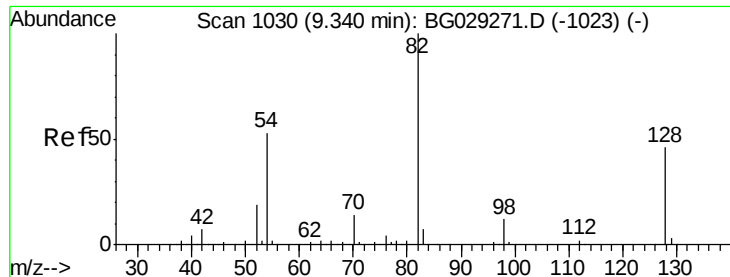
54 8.5 10.3 15.5#

68 6.2 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

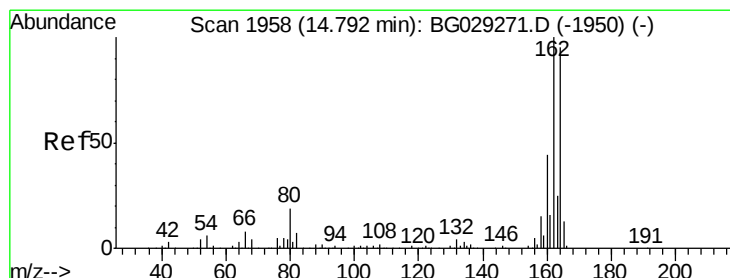
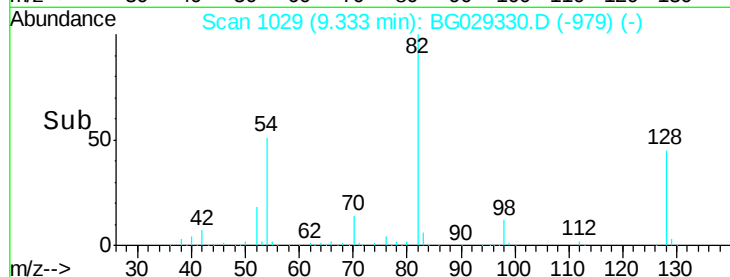
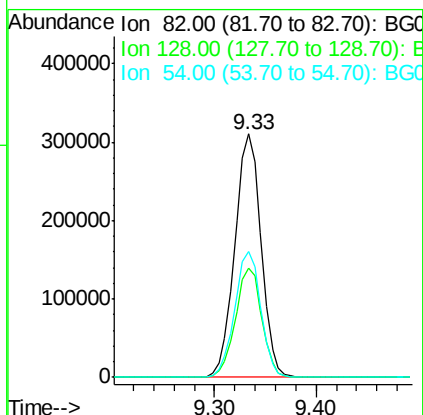
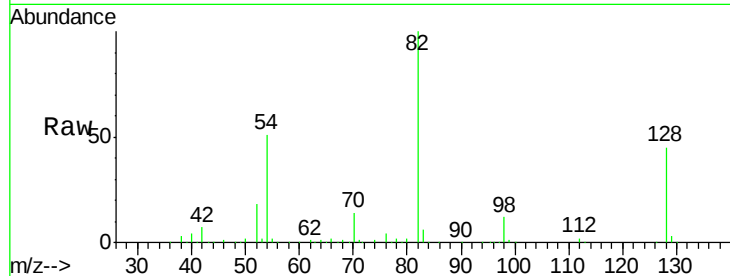




#23
Nitrobenzene-d5
Concen: 95.956 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029330.D
Acq: 18 Oct 2017 12:31

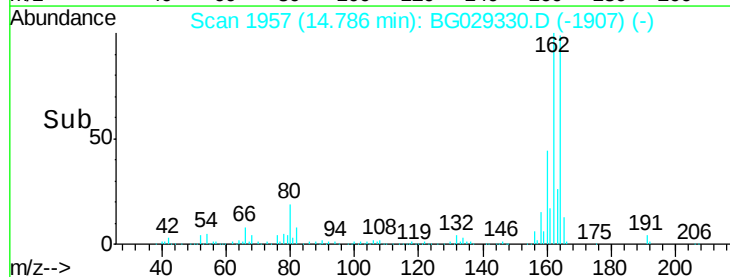
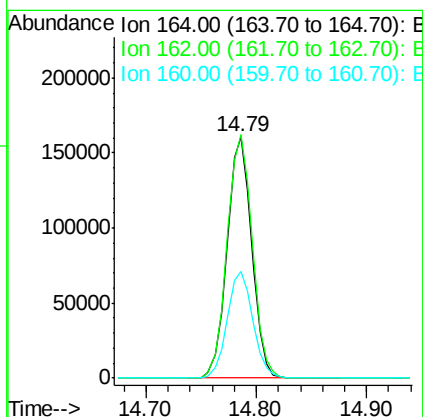
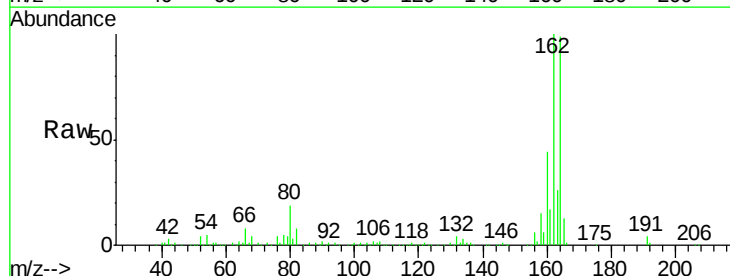
Instrument :
BNA_G
ClientSampleId :
101217-TIFR-E-U-M

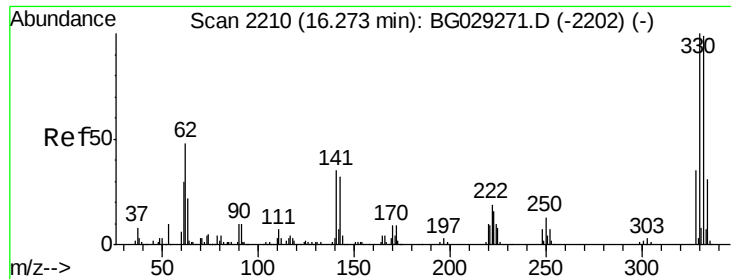
Tgt Ion: 82 Resp: 557808
Ion Ratio Lower Upper
82 100
128 44.9 29.7 44.5#
54 51.5 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029330.D
Acq: 18 Oct 2017 12:31

Tgt Ion: 164 Resp: 250379
Ion Ratio Lower Upper
164 100
162 101.0 78.8 118.2
160 44.3 35.4 53.0

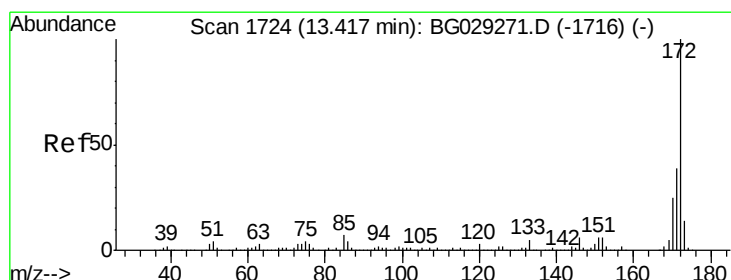
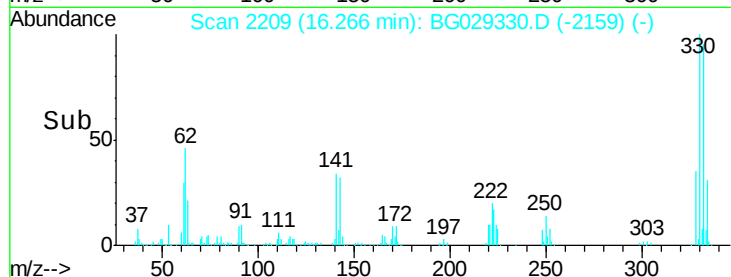
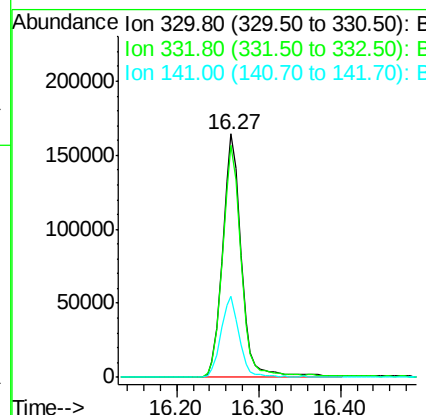
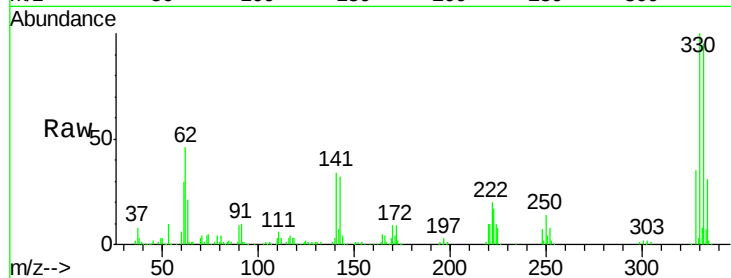




#41
 2,4,6-Tribromophenol
 Concen: 81.500 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029330.D
 Acq: 18 Oct 2017 12:31

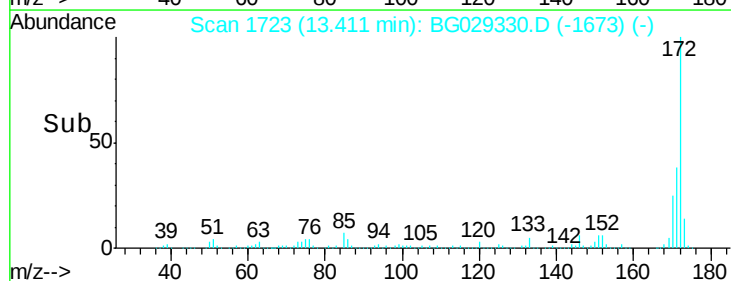
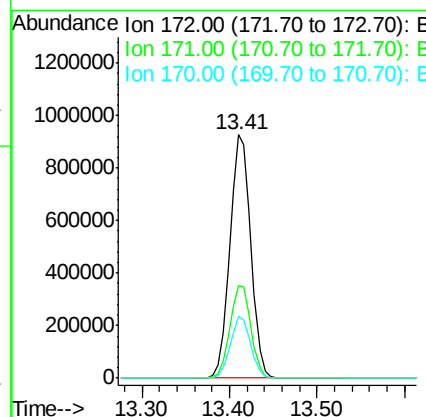
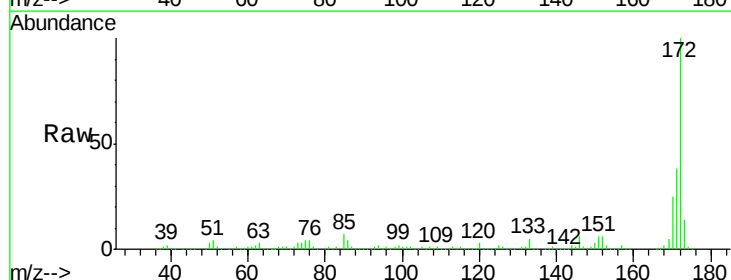
Instrument :
 BNA_G
 ClientSampleId :
 101217-TIFR-E-U-M

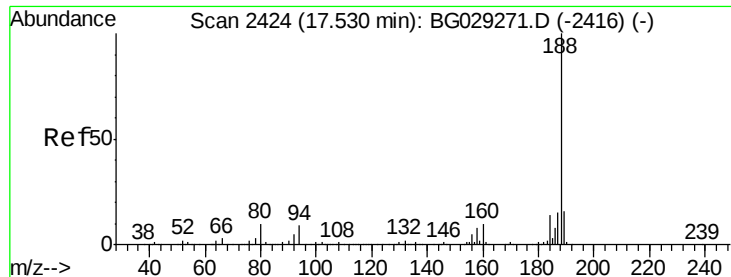
Tgt Ion:330 Resp: 263461
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 32.7 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 88.419 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029330.D
 Acq: 18 Oct 2017 12:31

Tgt Ion:172 Resp: 1509432
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 25.3 19.5 29.3

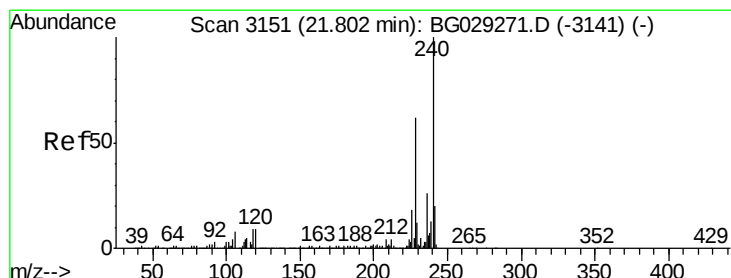
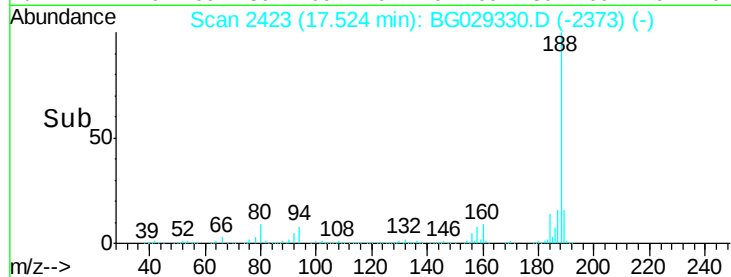
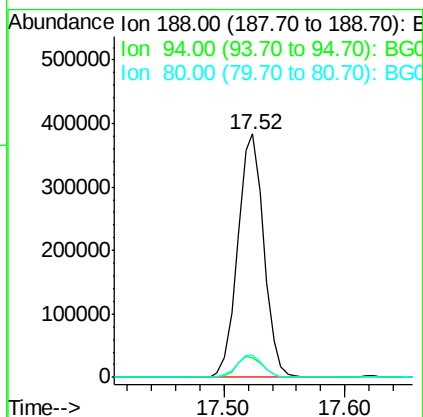
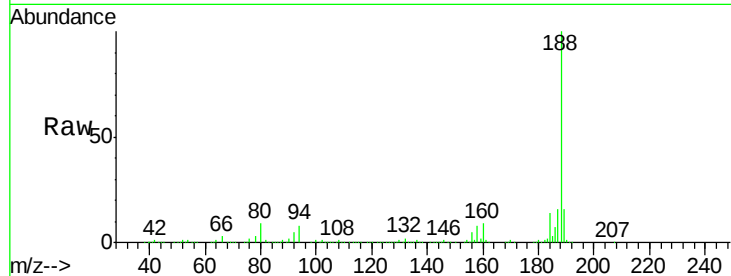




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029330.D
Acq: 18 Oct 2017 12:31

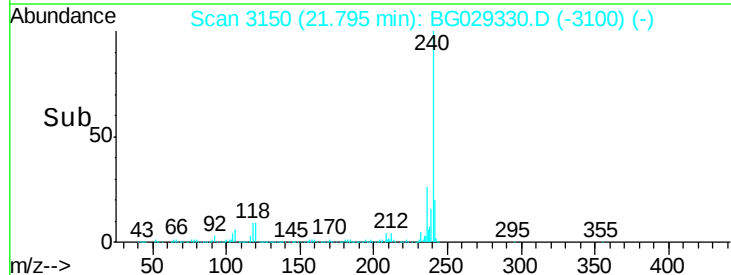
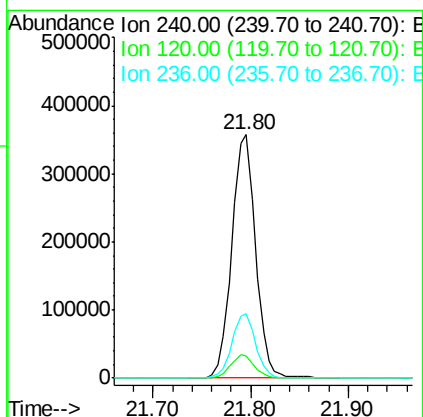
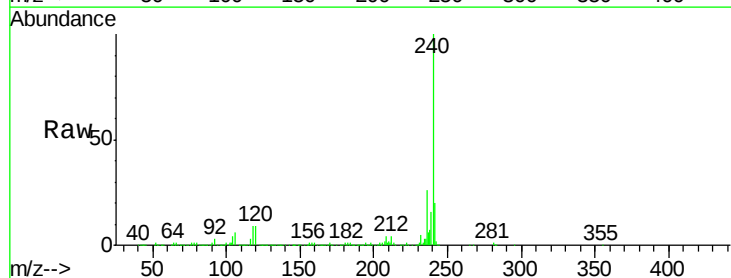
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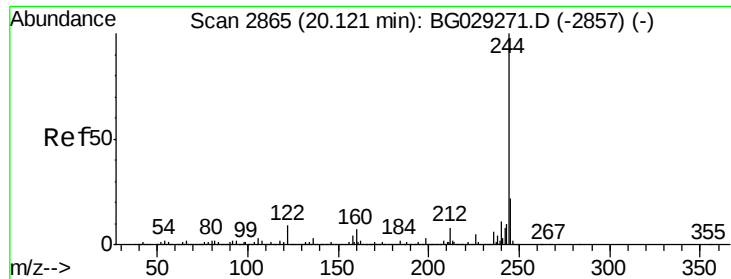
Tgt Ion:188 Resp: 576146
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG029330.D
Acq: 18 Oct 2017 12:31

Tgt Ion:240 Resp: 604219
Ion Ratio Lower Upper
240 100
120 9.3 6.8 10.2
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 84.218 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029330.D

Acq: 18 Oct 2017 12:31

Instrument :

BNA_G

ClientSampleId :

101217-TIFR-E-U-M

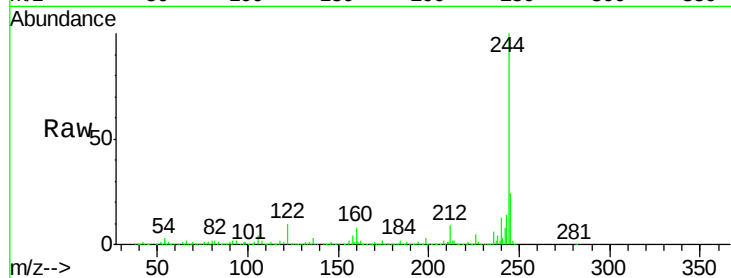
Tgt Ion:244 Resp: 2236818

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

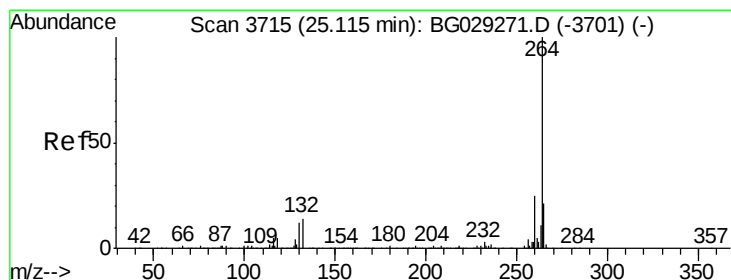
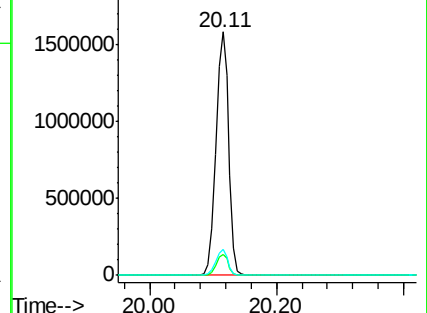
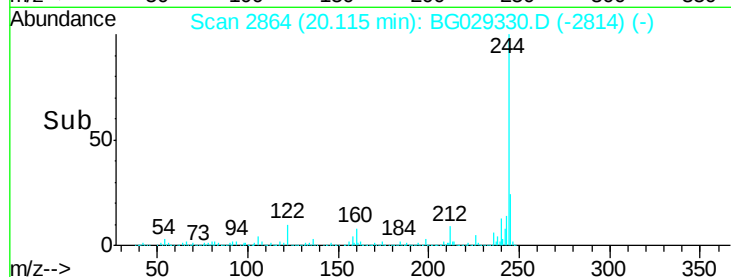
122 10.5 7.0 10.4#



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: BG029330.D

Acq: 18 Oct 2017 12:31

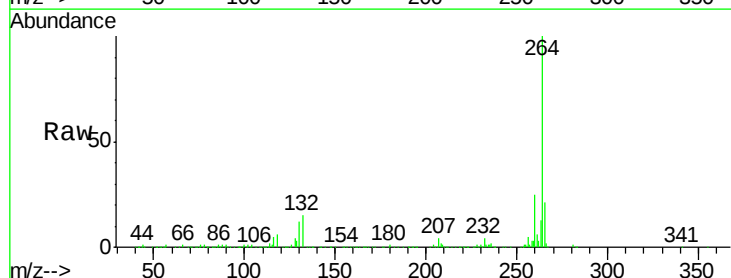
Tgt Ion:264 Resp: 603845

Ion Ratio Lower Upper

264 100

260 25.3 17.4 26.0

265 21.3 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

