

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG101717\
 Data File : BG029322.D
 Acq On : 18 Oct 2017 7:17
 Operator : SJ/JU
 Sample : I5868-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101117-TIDO-E-D-M

Quant Time: Oct 18 15:37:35 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

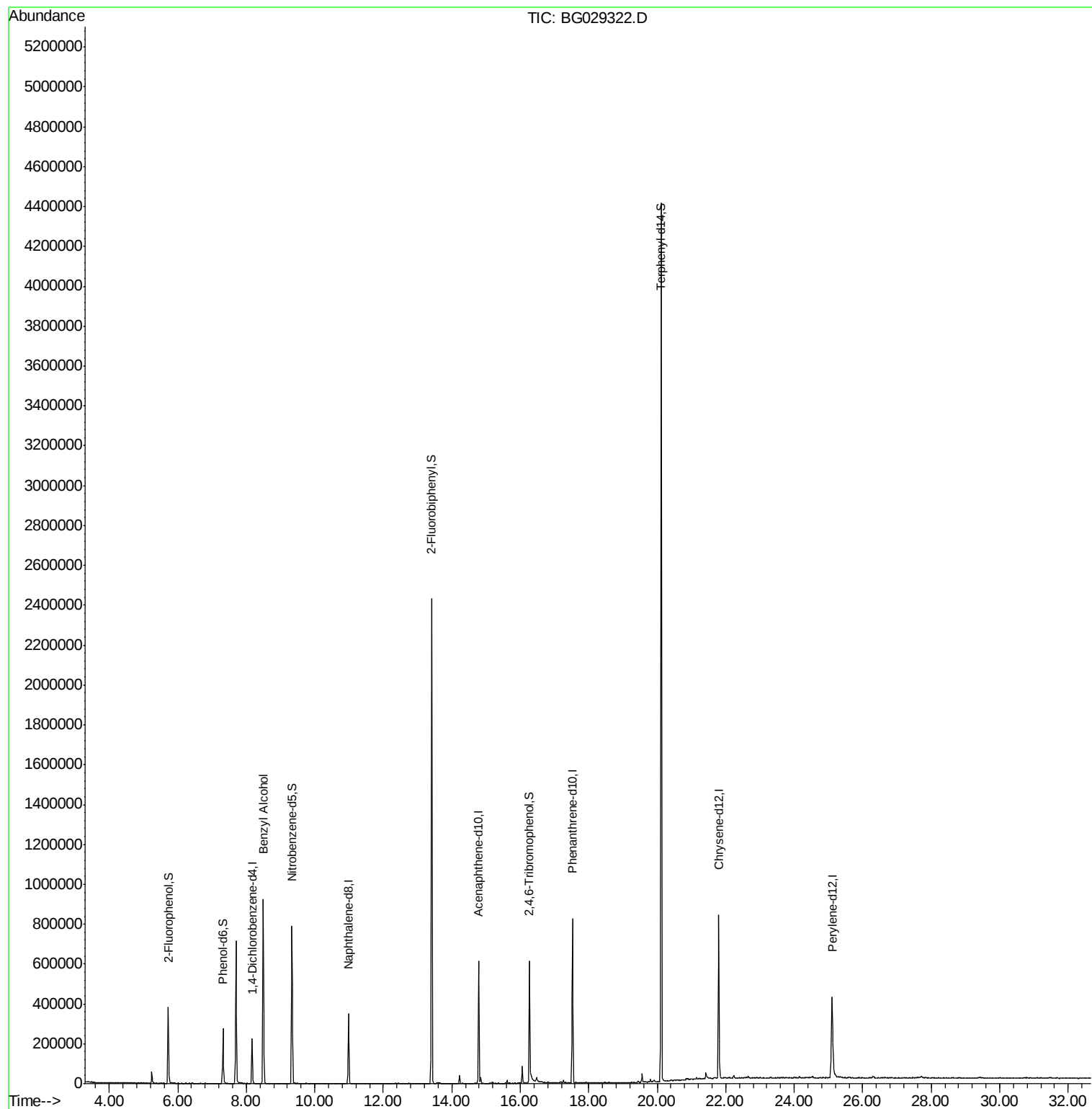
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	63935	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	319383	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	216956	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	501385	20.00	ng	0.00
75) Chrysene-d12	21.80	240	524924	20.00	ng	0.00
86) Perylene-d12	25.10	264	527513	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	188652	49.29	ng	0.00
7) Phenol-d6	7.32	99	166220	30.94	ng	0.00
23) Nitrobenzene-d5	9.33	82	489161	97.33	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	151647	54.14	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1326326	89.66	ng	0.00
78) Terphenyl-d14	20.11	244	2104827	91.22	ng	0.00
Target Compounds						
15) Benzyl Alcohol	8.49	79	7583	2.003	ng	Qvalue # 40

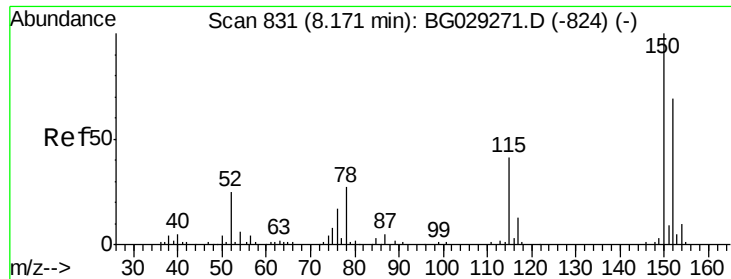
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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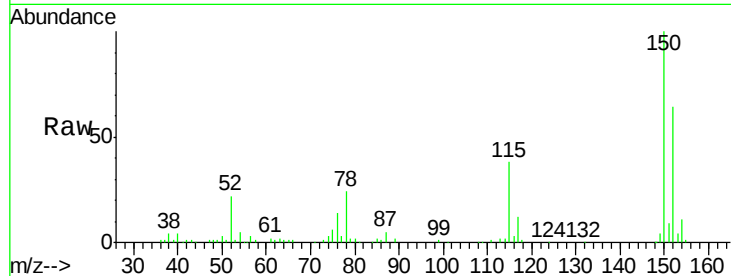




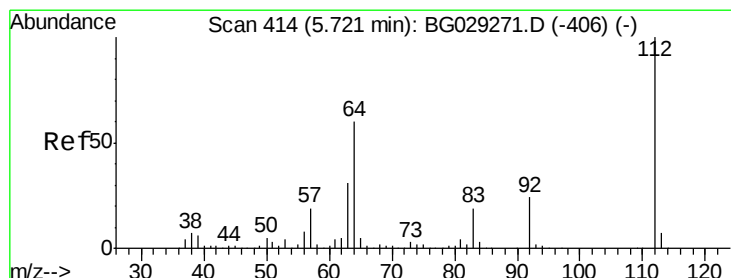
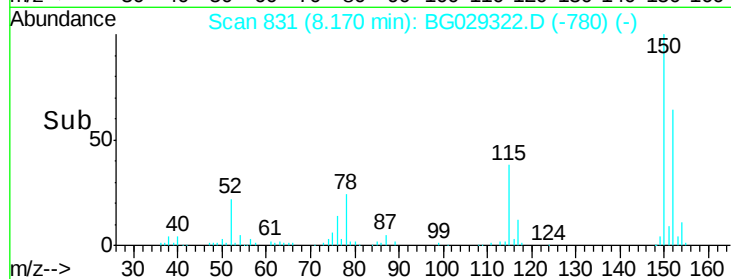
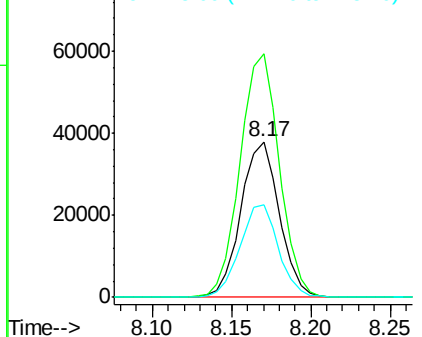
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.17 min Scan# 831
 Delta R.T. -0.00 min
 Lab File: BG029322.D
 Acq: 18 Oct 2017 7:17

Instrument :
 BNA_G
 ClientSampleId :
 101117-TIDO-E-D-M

Tgt Ion:152 Resp: 63935
 Ion Ratio Lower Upper
 152 100
 150 156.2 126.6 189.8
 115 59.4 53.0 79.4

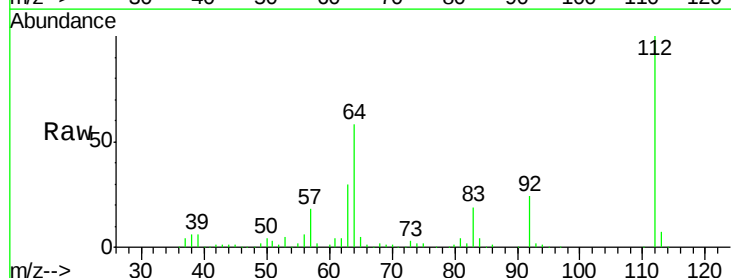


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

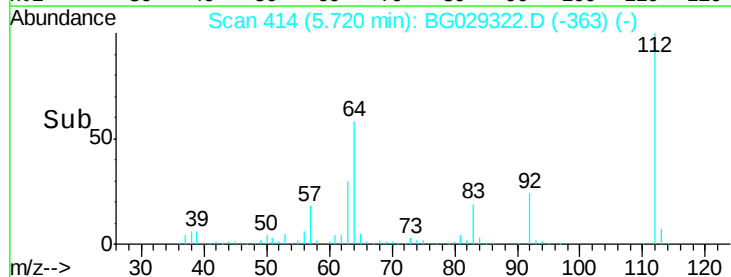
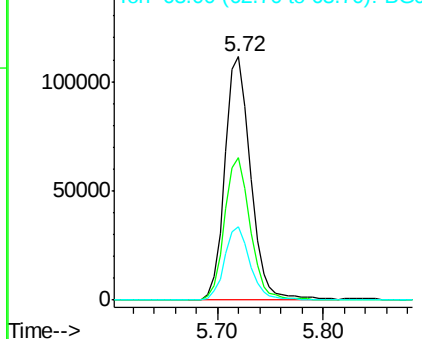


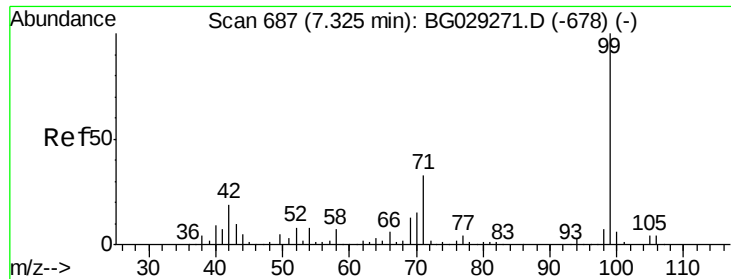
#5
 2-Fluorophenol
 Concen: 49.293 ng
 RT: 5.72 min Scan# 414
 Delta R.T. -0.00 min
 Lab File: BG029322.D
 Acq: 18 Oct 2017 7:17

Tgt Ion:112 Resp: 188652
 Ion Ratio Lower Upper
 112 100
 64 58.5 56.3 84.5
 63 30.3 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: 30.942 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029322.D

Acq: 18 Oct 2017 7:17

Instrument :

BNA_G

ClientSampleId :

101117-TIDO-E-D-M

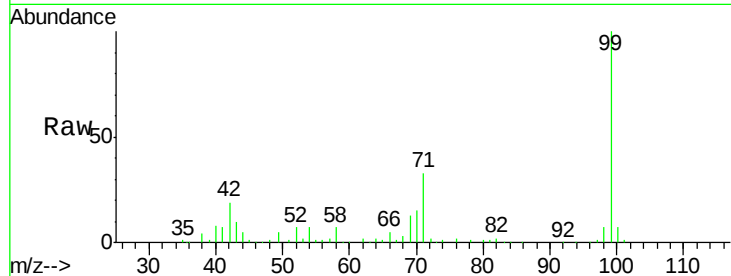
Tgt Ion: 99 Resp: 166220

Ion Ratio Lower Upper

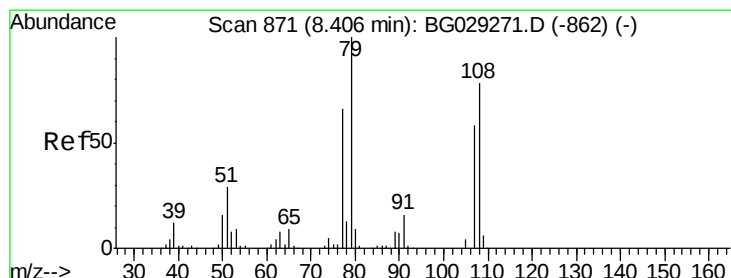
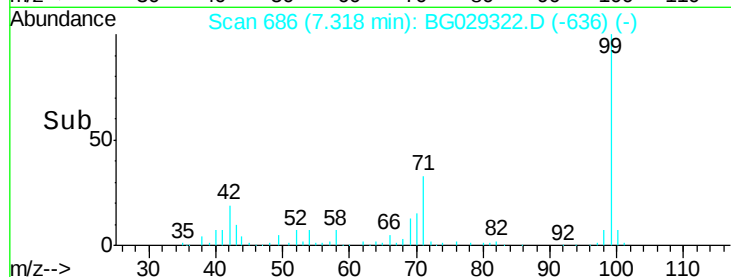
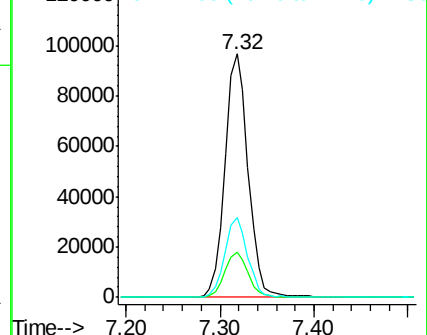
99 100

42 18.7 14.1 21.1

71 32.8 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



#15

Benzyl Alcohol

Concen: 2.003 ng

RT: 8.49 min Scan# 886

Delta R.T. 0.09 min

Lab File: BG029322.D

Acq: 18 Oct 2017 7:17

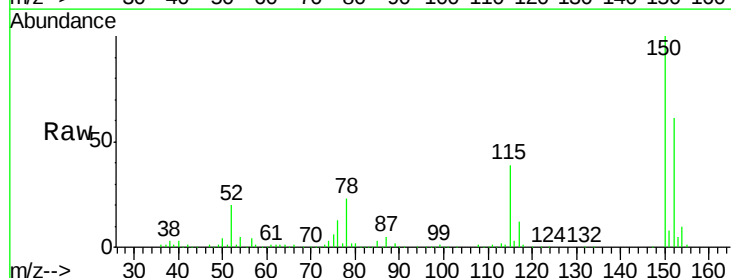
Tgt Ion: 79 Resp: 7583

Ion Ratio Lower Upper

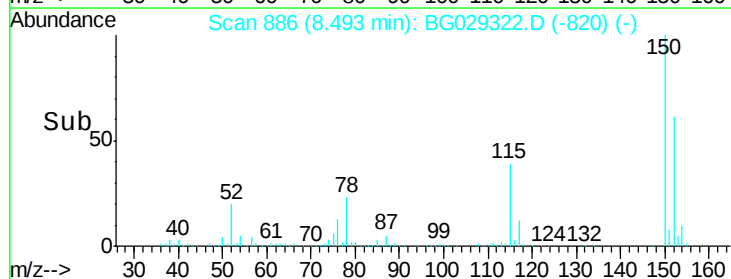
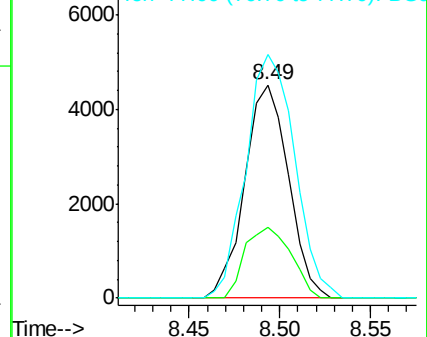
79 100

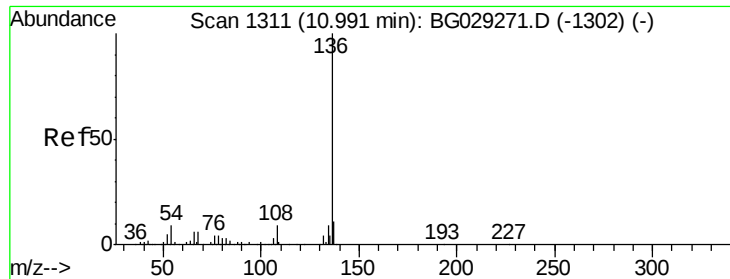
108 33.3 57.2 85.8#

77 114.2 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

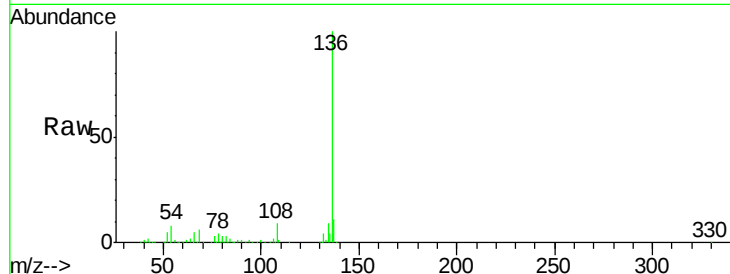




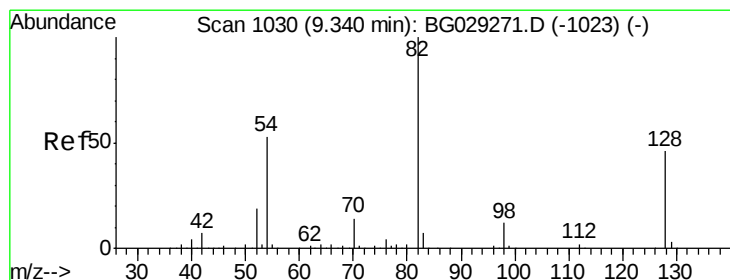
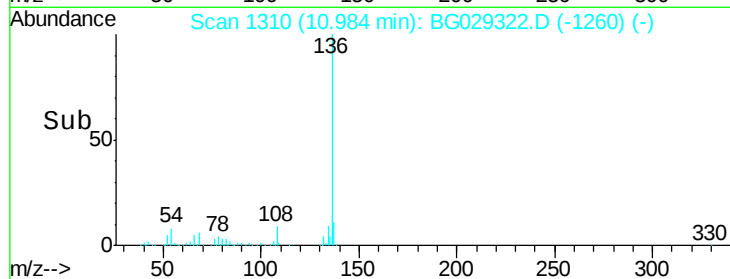
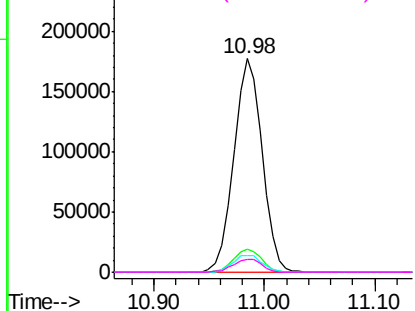
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG029322.D
Acq: 18 Oct 2017 7:17

Instrument :
BNA_G
ClientSampleId :
101117-TIDO-E-D-M

Tgt Ion:	136	Resp:	319383
Ion	Ratio	Lower	Upper
136	100		
137	10.6	9.2	13.8
54	7.8	10.3	15.5#
68	6.1	4.5	6.7

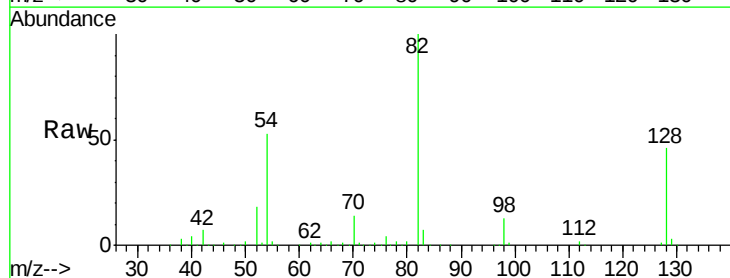


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

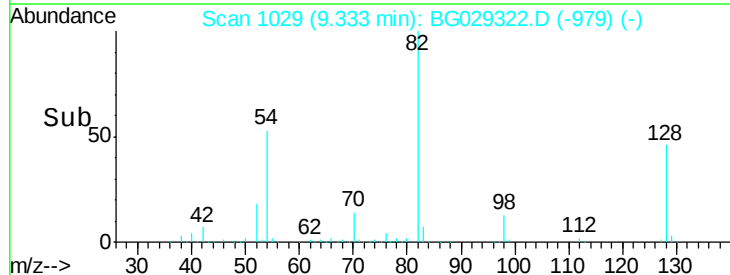
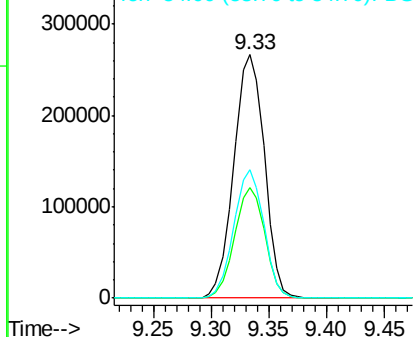


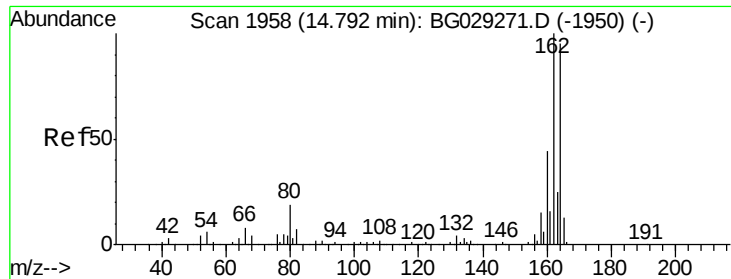
#23
Nitrobenzene-d5
Concen: 97.328 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029322.D
Acq: 18 Oct 2017 7:17

Tgt Ion:	82	Resp:	489161
Ion	Ratio	Lower	Upper
82	100		
128	45.6	29.7	44.5#
54	52.6	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG029322.D

Acq: 18 Oct 2017 7:17

Instrument :

BNA_G

ClientSampleId :

101117-TIDO-E-D-M

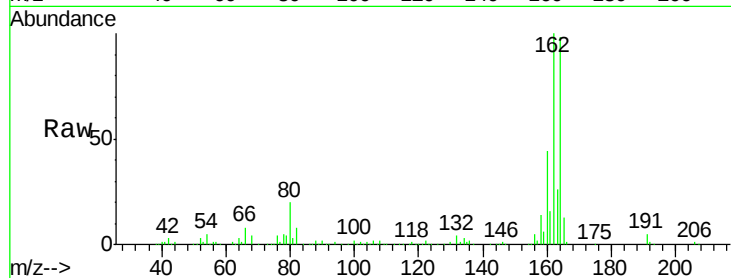
Tgt Ion:164 Resp: 216956

Ion Ratio Lower Upper

164 100

162 102.6 78.8 118.2

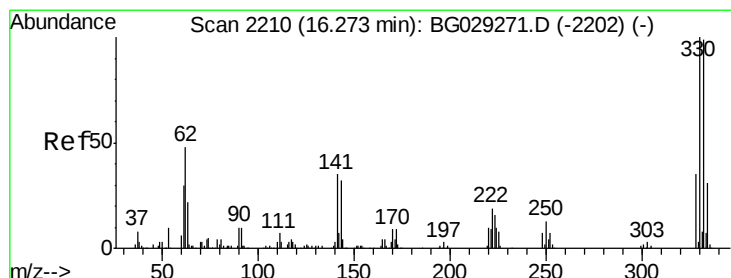
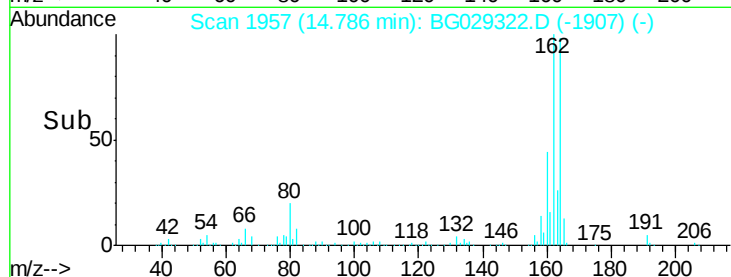
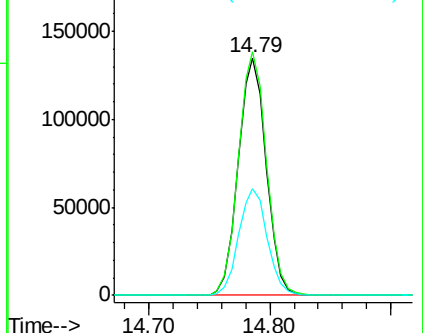
160 44.8 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 54.138 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG029322.D

Acq: 18 Oct 2017 7:17

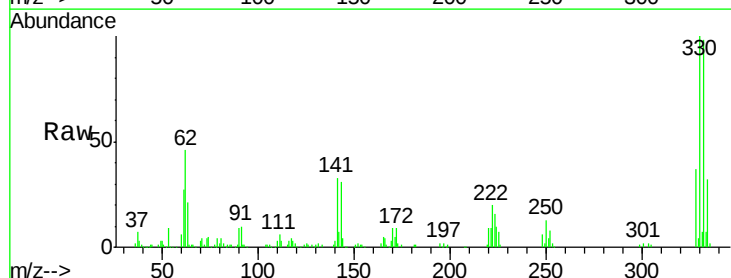
Tgt Ion:330 Resp: 151647

Ion Ratio Lower Upper

330 100

332 100.1 77.0 115.6

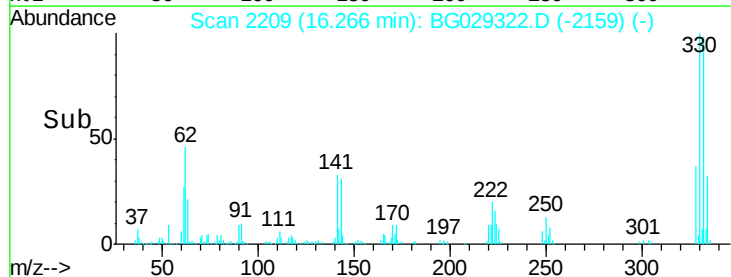
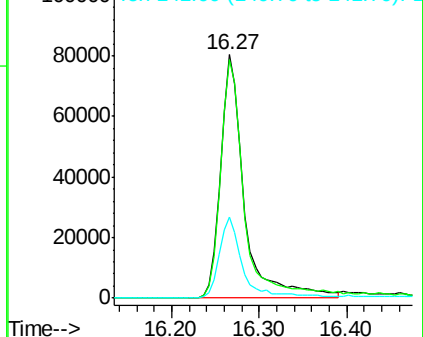
141 31.8 25.2 37.8

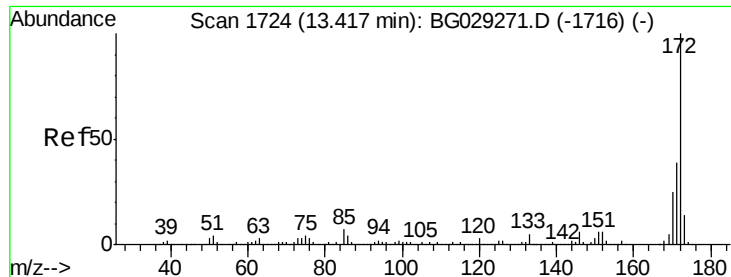


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

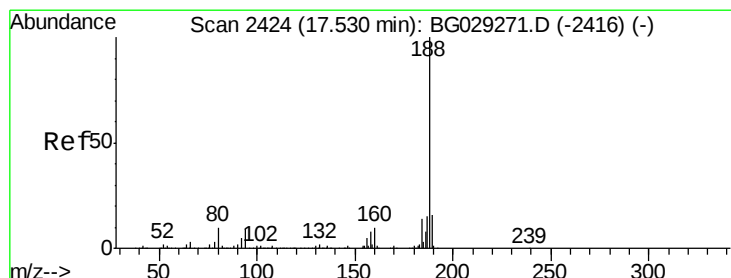
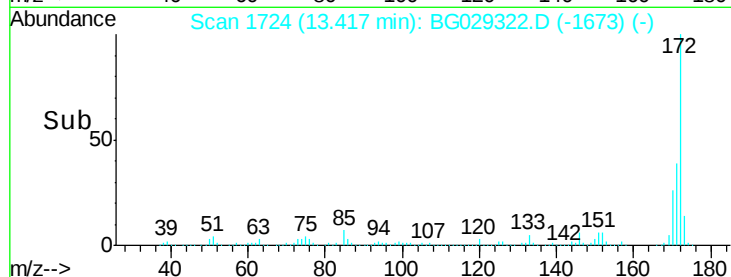
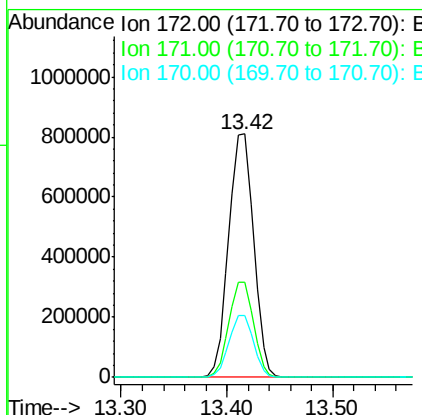
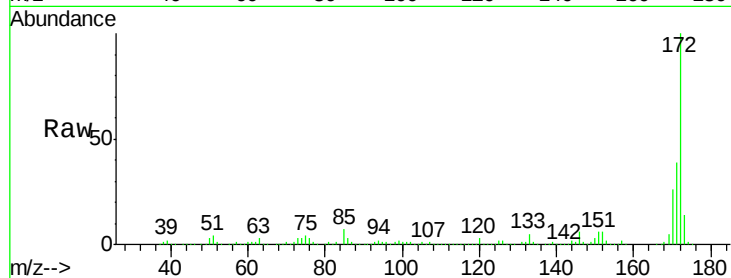




#44
 2-Fluorobiphenyl
 Concen: 89.662 ng
 RT: 13.42 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG029322.D
 Acq: 18 Oct 2017 7:17

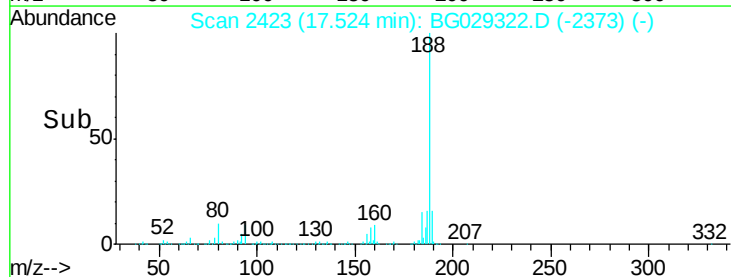
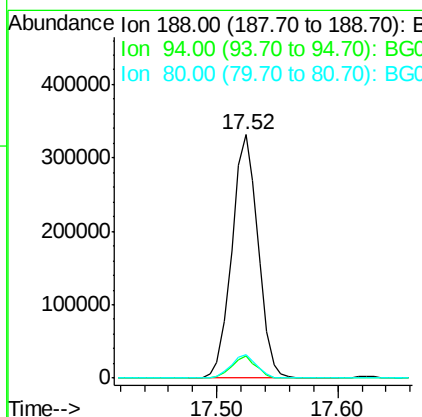
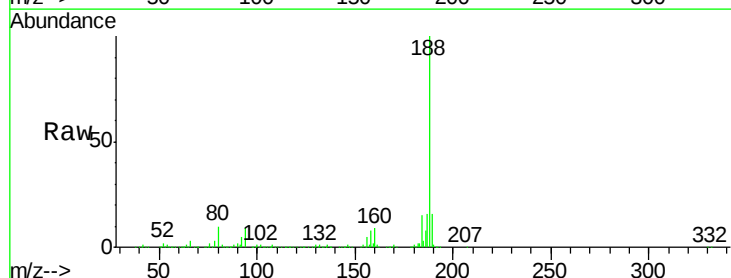
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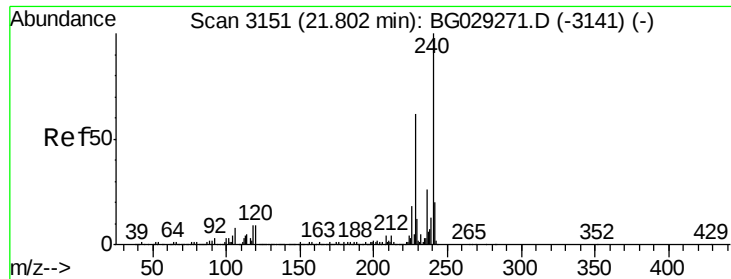
Tgt Ion:172 Resp: 1326326
 Ion Ratio Lower Upper
 172 100
 171 39.1 30.0 45.0
 170 25.6 19.5 29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG029322.D
 Acq: 18 Oct 2017 7:17

Tgt Ion:188 Resp: 501385
 Ion Ratio Lower Upper
 188 100
 94 9.1 6.9 10.3
 80 9.6 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: BG029322.D

Acq: 18 Oct 2017 7:17

Instrument :

BNA_G

ClientSampleId :

101117-TIDO-E-D-M

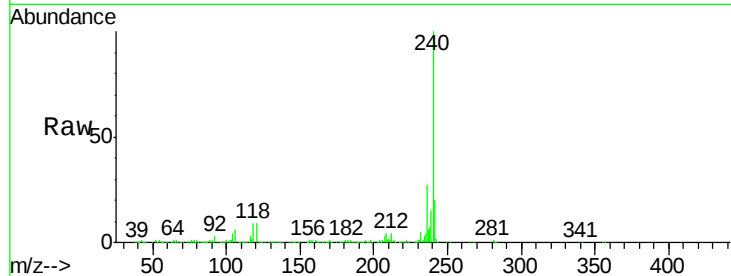
Tgt Ion:240 Resp: 524924

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

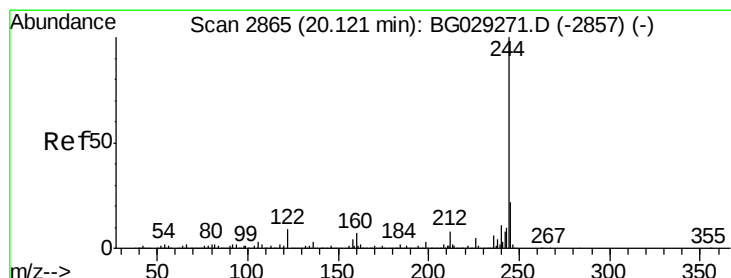
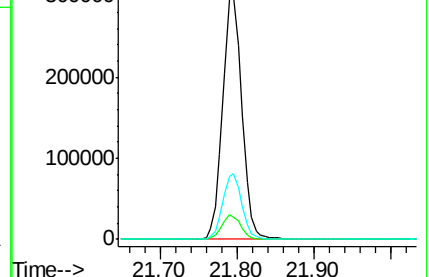
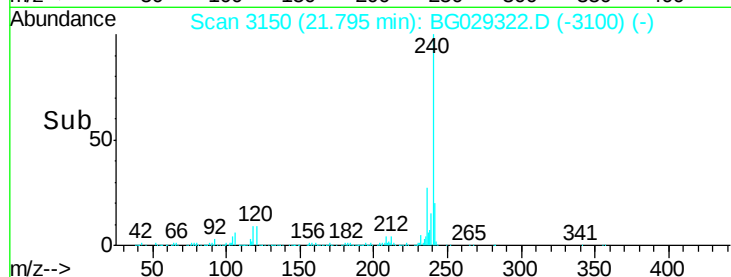
236 27.1 20.9 31.3



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: 91.220 ng

RT: 20.11 min Scan# 2864

Delta R.T. -0.01 min

Lab File: BG029322.D

Acq: 18 Oct 2017 7:17

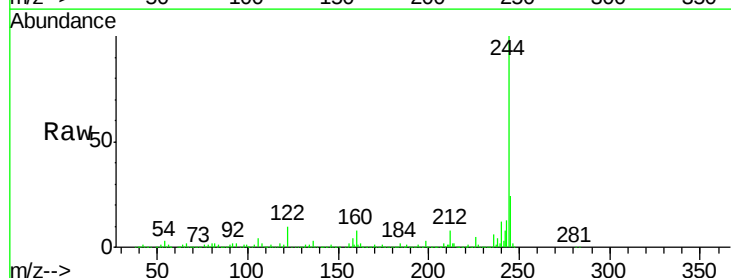
Tgt Ion:244 Resp: 2104827

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

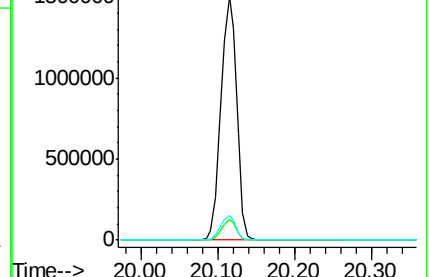
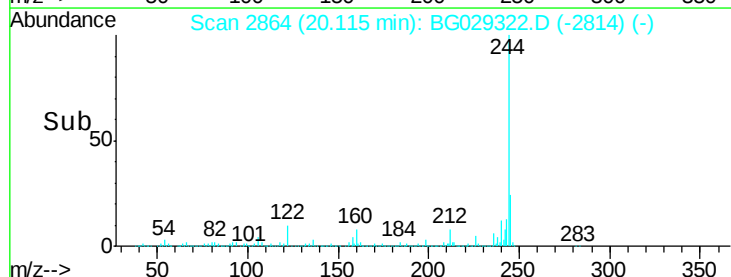
122 10.4 7.0 10.4

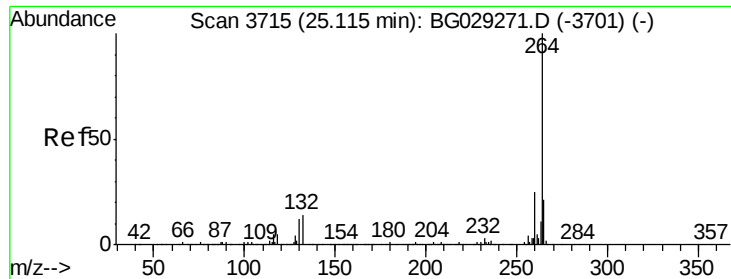


Abundance Ion 244.00 (243.70 to 244.70): E

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: BG029322.D
Acq: 18 Oct 2017 7:17

Instrument :
BNA_G
ClientSampleId :
101117-TIDO-E-D-M

Tgt Ion: 264 Resp: 527513
Ion Ratio Lower Upper
264 100
260 24.2 17.4 26.0
265 21.4 17.7 26.5

