

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029392.D
 Acq On : 21 Oct 2017 15:24
 Operator : SJ/JU
 Sample : I5972-02RE
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 101617-TIDO-E-D-SRE

Quant Time: Oct 21 23:09:44 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	53919	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	243643	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	170415	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	457117	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	501280	20.00	ng	-0.02
86) Perylene-d12	25.09	264	511437	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	231303	71.66	ng	0.00
7) Phenol-d6	7.31	99	191805	42.34	ng	-0.01
23) Nitrobenzene-d5	9.33	82	581313	151.62	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	392544	178.41	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	1555867	133.90	ng	0.00
78) Terphenyl-d14	20.11	244	2704007	122.71	ng	-0.01

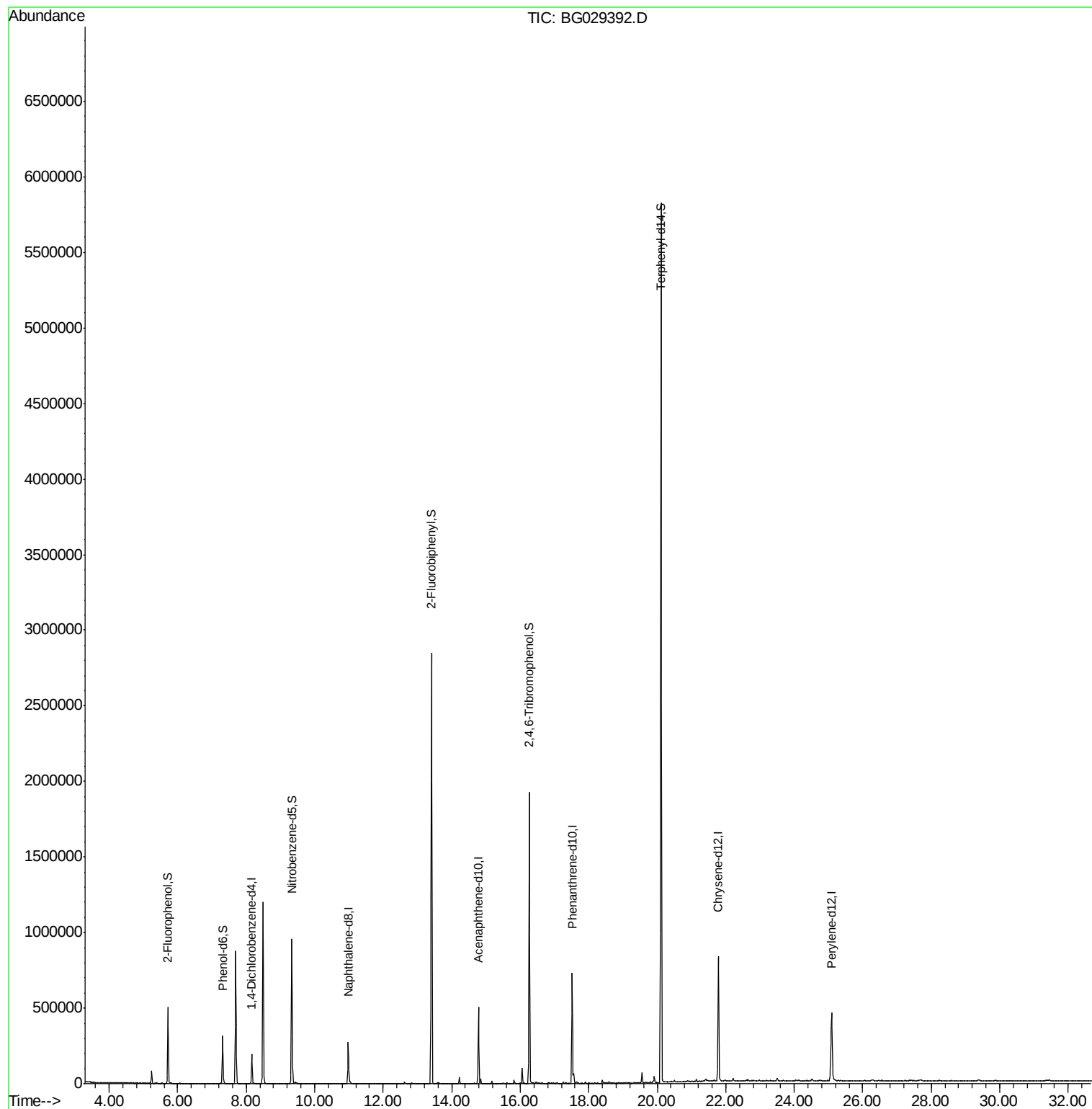
Target Compounds Qvalue

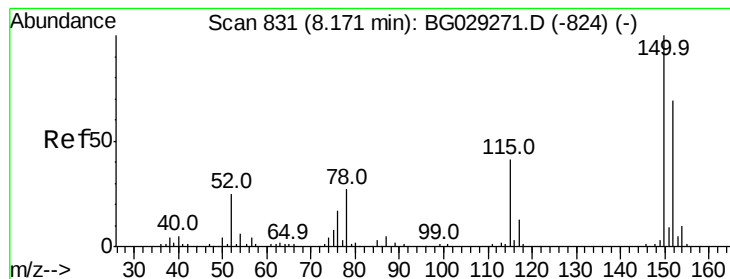
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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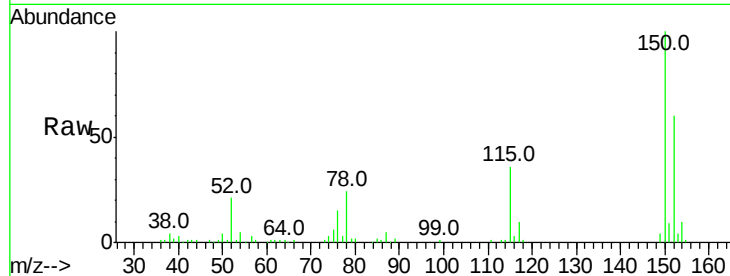


#1

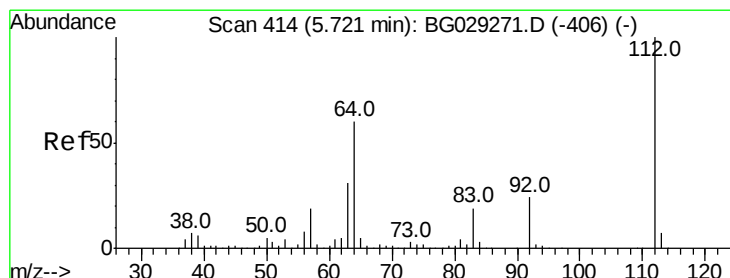
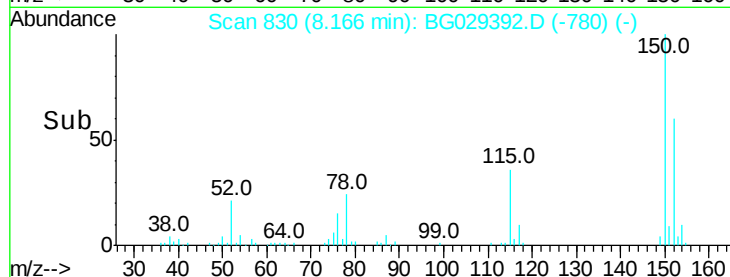
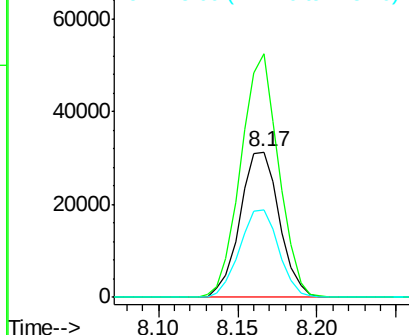
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 830
Delta R.T. -0.00 min
Lab File: BG029392.D
Acq: 21 Oct 2017 15:24

Instrument :
BNA_G
ClientSampleId :
101617-TIDO-E-D-SRE

Tot Ion:152 Resp: 53919
Ion Ratio Lower Upper
152 100
150 167.4 126.6 189.8
115 60.1 53.0 79.4



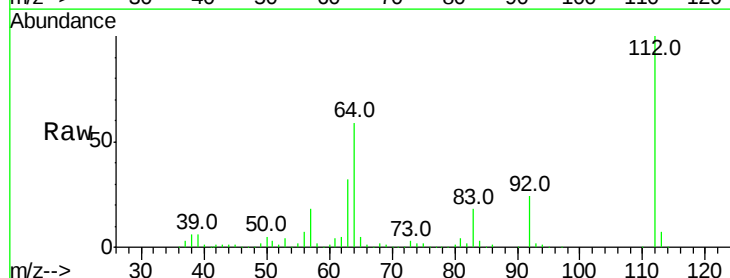
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



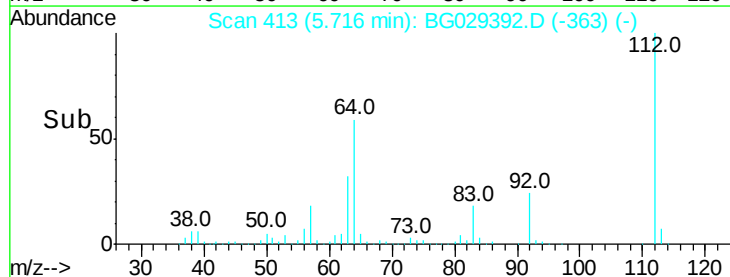
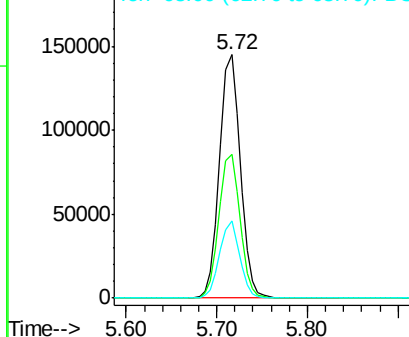
#5

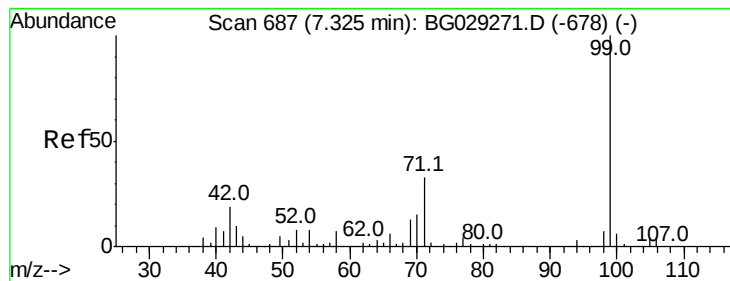
2-Fluorophenol
Concen: 71.664 ng
RT: 5.72 min Scan# 413
Delta R.T. -0.00 min
Lab File: BG029392.D
Acq: 21 Oct 2017 15:24

Tgt Ion:112 Resp: 231303
Ion Ratio Lower Upper
112 100
64 59.0 56.3 84.5
63 31.7 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: 42.337 ng

RT: 7.31 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG029392.D

Acq: 21 Oct 2017 15:24

Instrument :

BNA_G

ClientSampleId :

101617-TIDO-E-D-SRE

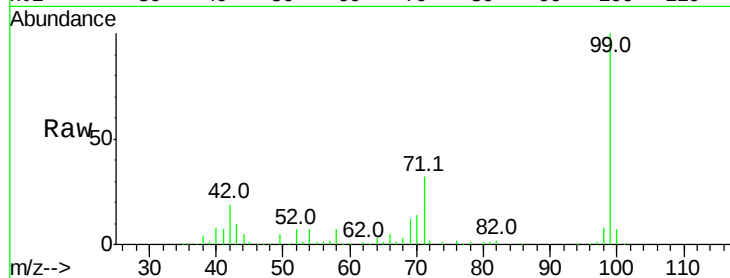
Tot Ion: 99 Resp: 191805

Ion Ratio Lower Upper

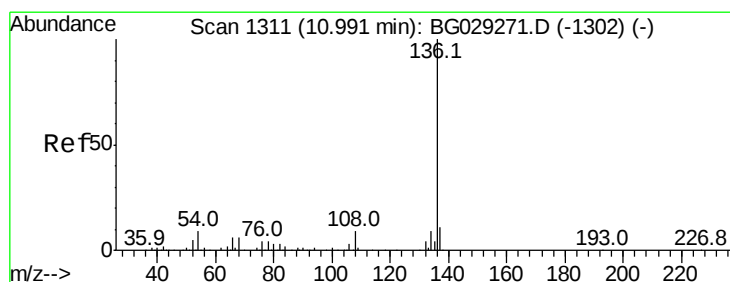
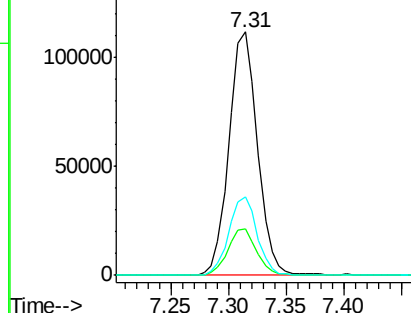
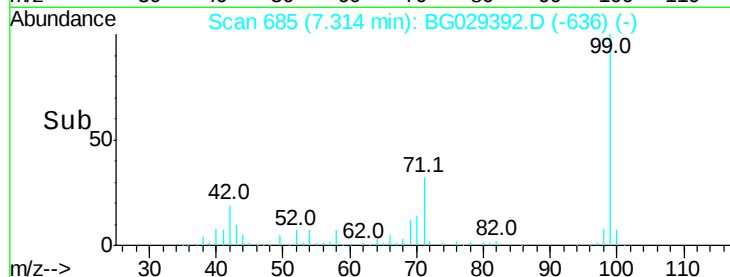
99 100

42 19.1 14.1 21.1

71 32.4 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: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029392.D

Acq: 21 Oct 2017 15:24

Tgt Ion: 136 Resp: 243643

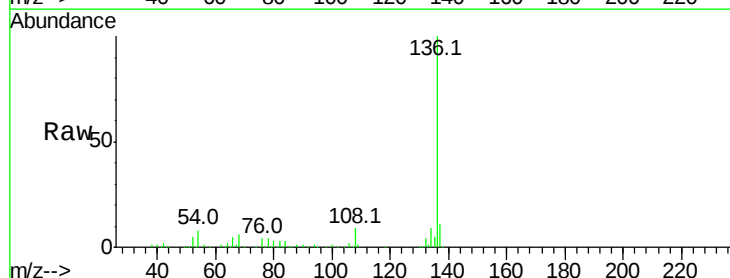
Ion Ratio Lower Upper

136 100

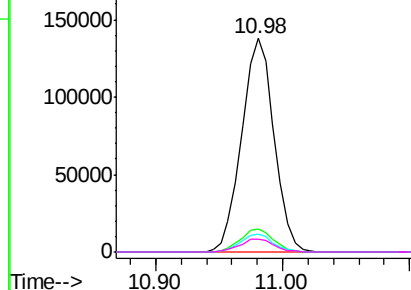
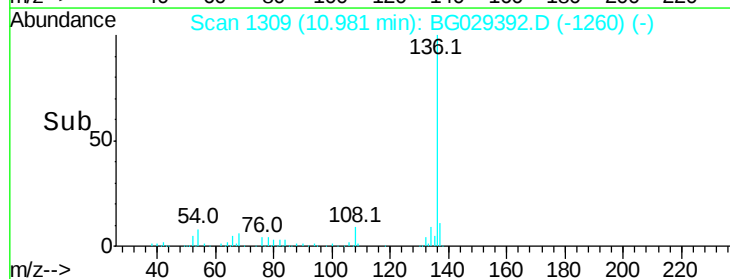
137 10.7 9.2 13.8

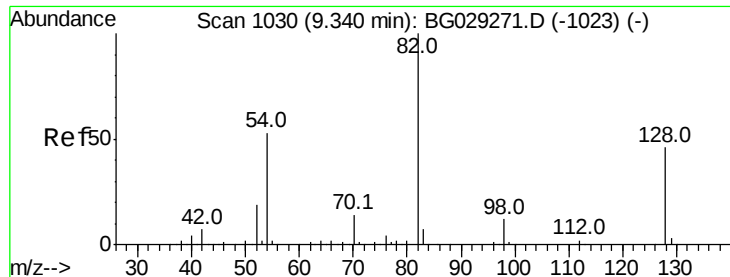
54 8.4 10.3 15.5#

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

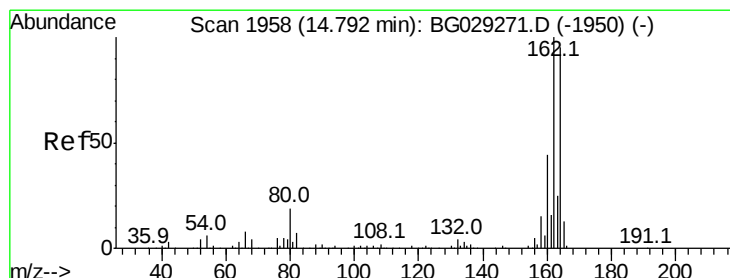
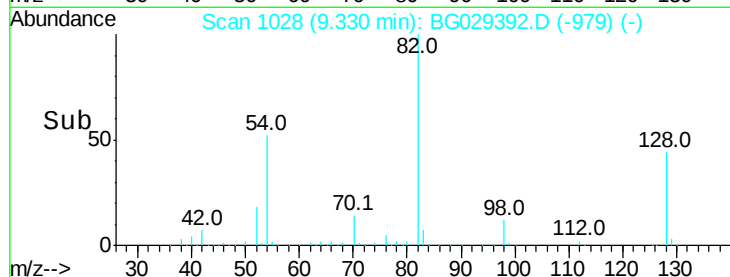
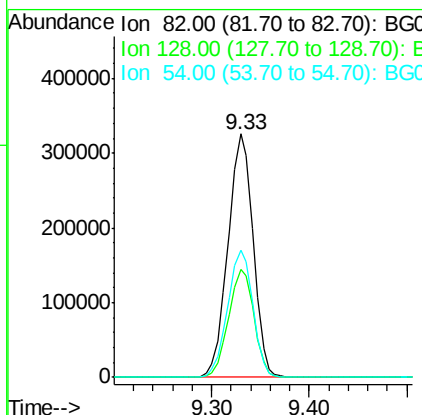
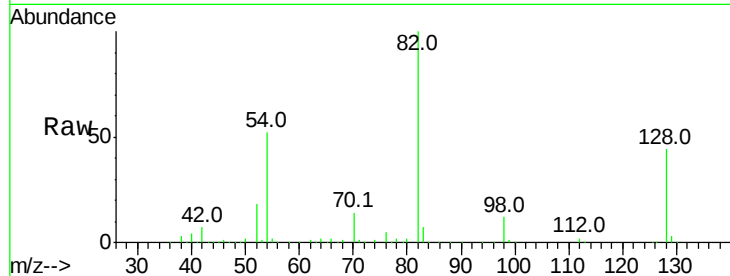




#23
 Nitrobenzene-d5
 Concen: 151.619 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029392.D
 Acq: 21 Oct 2017 15:24

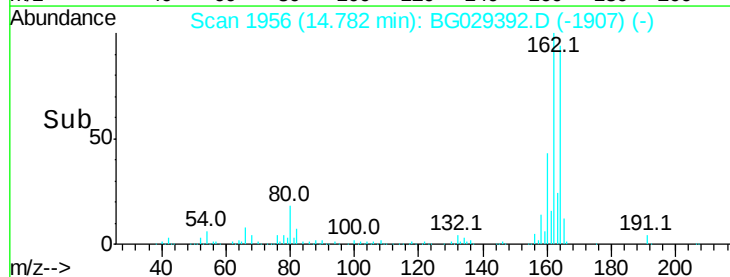
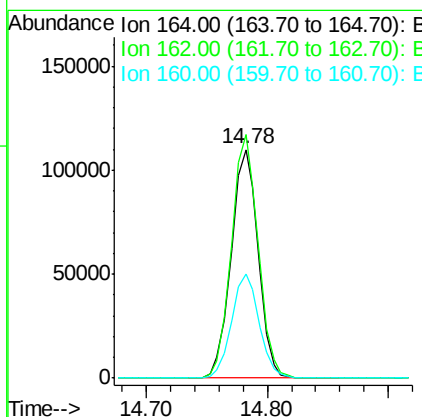
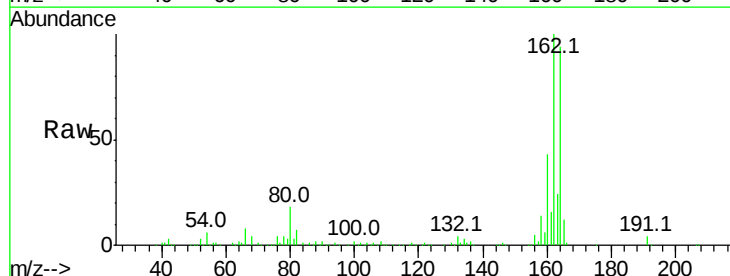
Instrument :
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 101617-TIDO-E-D-SRE

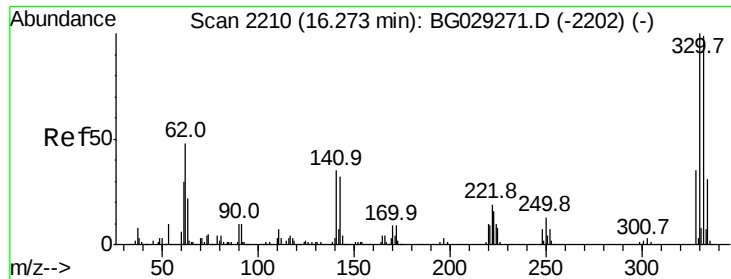
Tot Ion	Ratio	Lower	Upper
82	100		
128	44.3	29.7	44.5
54	52.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG029392.D
 Acq: 21 Oct 2017 15:24

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.7	78.8	118.2
160	45.7	35.4	53.0

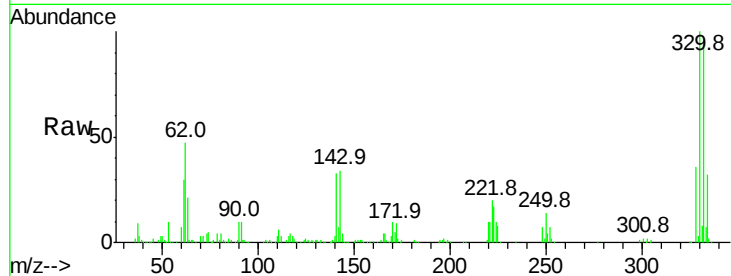




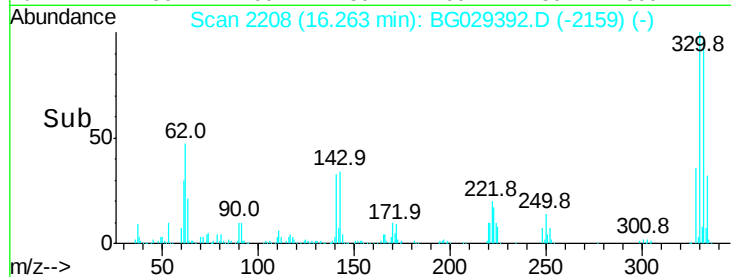
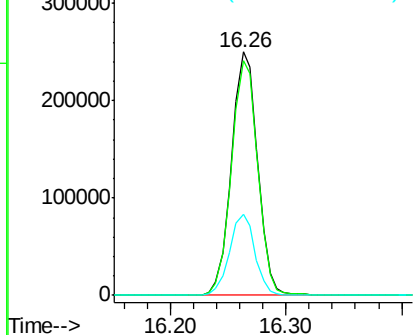
#41
 2,4,6-Tribromophenol
 Concen: 178.410 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029392.D
 Acq: 21 Oct 2017 15:24

Instrument :
 BNA_G
 ClientSampleId :
 101617-TIDO-E-D-SRE

Tot Ion:330 Resp: 392544
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.0 115.6
 141 32.7 25.2 37.8

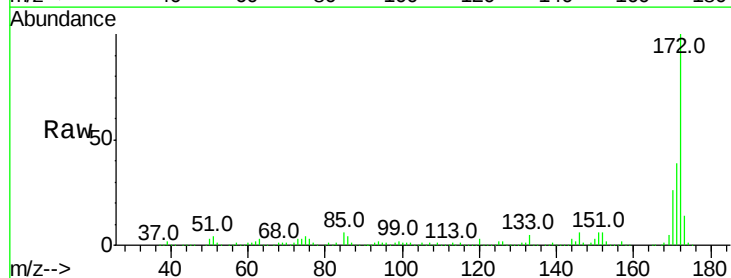


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

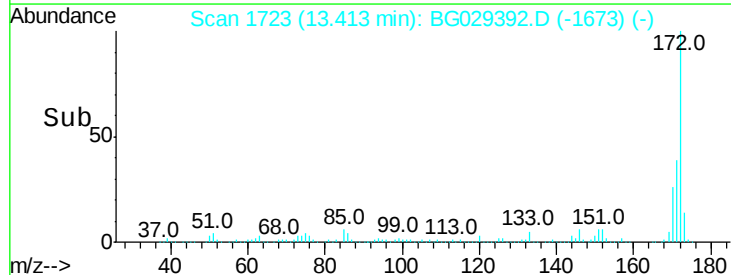
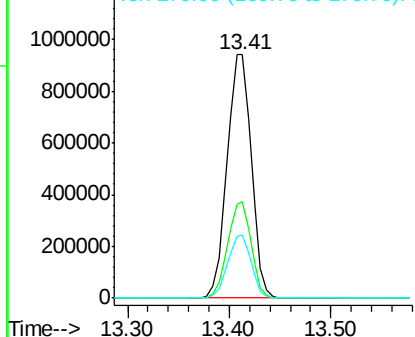


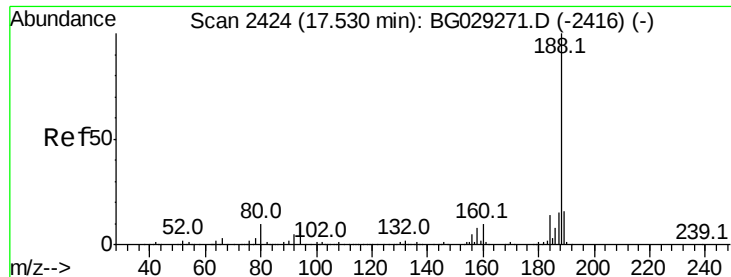
#44
 2-Fluorobiphenyl
 Concen: 133.904 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG029392.D
 Acq: 21 Oct 2017 15:24

Tgt Ion:172 Resp: 1555867
 Ion Ratio Lower Upper
 172 100
 171 39.5 30.0 45.0
 170 25.8 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

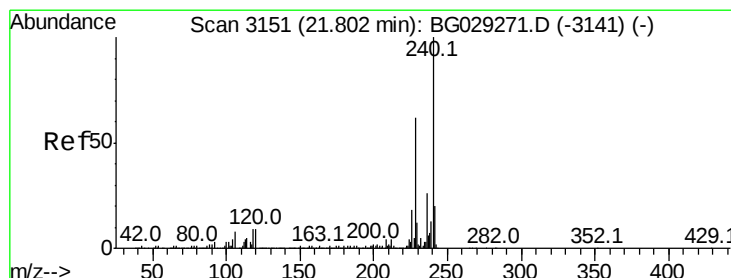
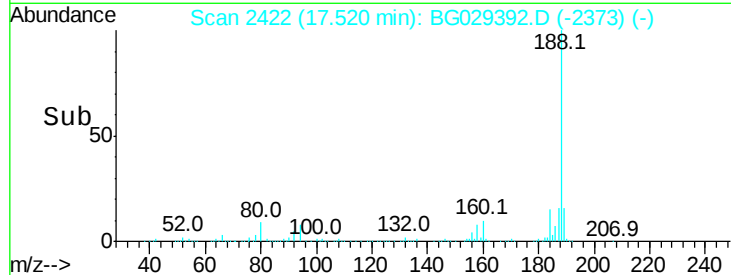
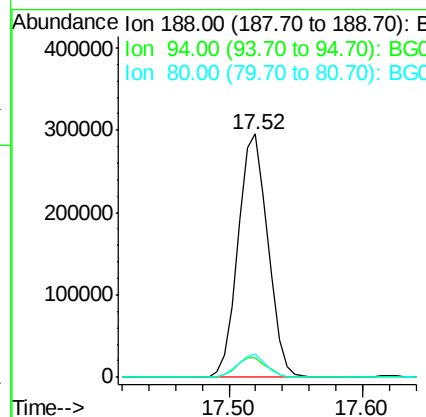
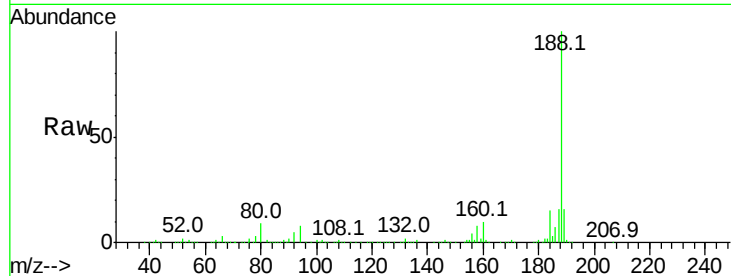




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029392.D
Acq: 21 Oct 2017 15:24

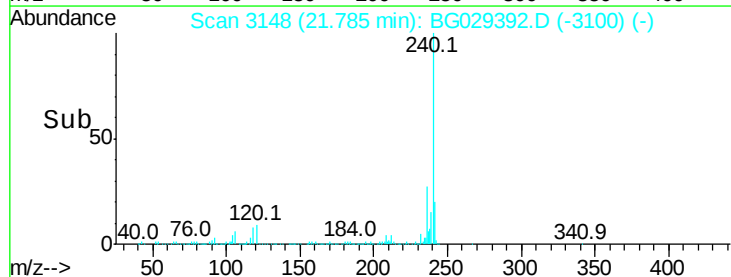
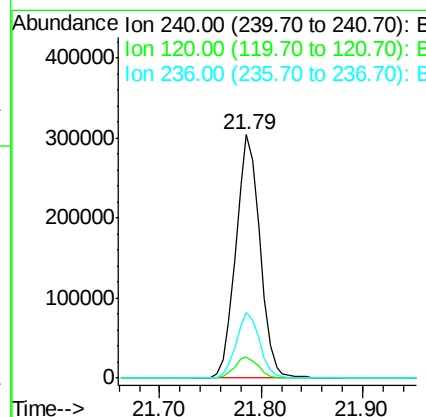
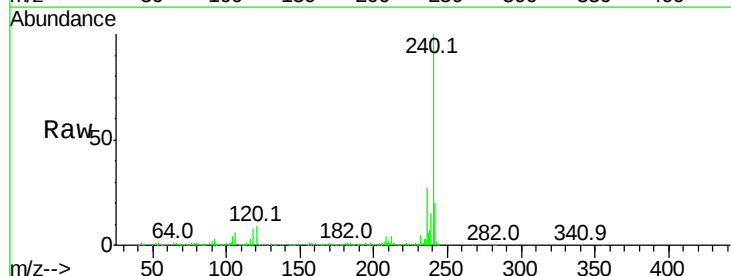
Instrument :
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Tot Ion:188 Resp: 457117
Ion Ratio Lower Upper
188 100
94 7.9 6.9 10.3
80 9.5 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3148
Delta R.T. -0.02 min
Lab File: BG029392.D
Acq: 21 Oct 2017 15:24

Tgt Ion:240 Resp: 501280
Ion Ratio Lower Upper
240 100
120 8.8 6.8 10.2
236 26.8 20.9 31.3





#78

Terphenyl-d14

Concen: 122.714 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029392.D

Acq: 21 Oct 2017 15:24

Instrument :

BNA_G

ClientSampleId :

101617-TIDO-E-D-SRE

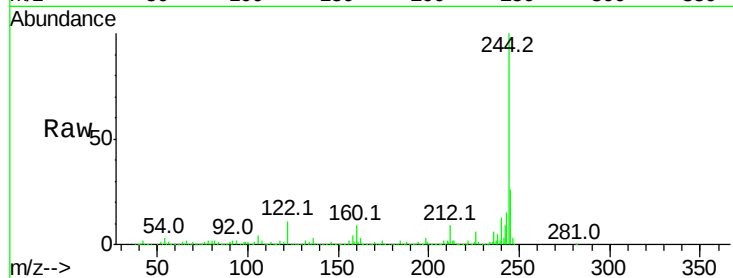
Tot Ion:244 Resp: 2704007

Ion Ratio Lower Upper

244 100

212 9.4 5.8 8.8#

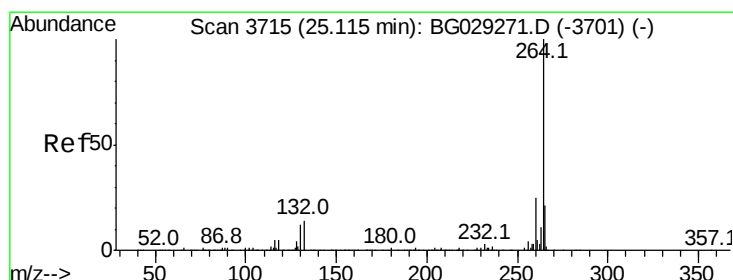
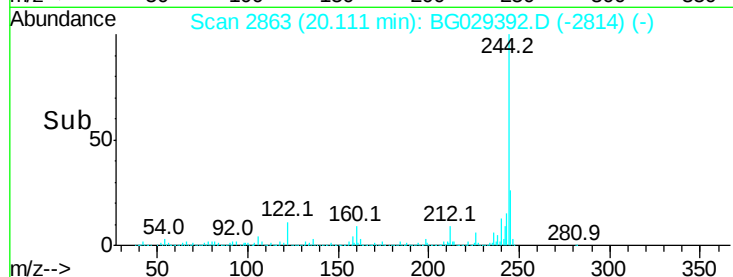
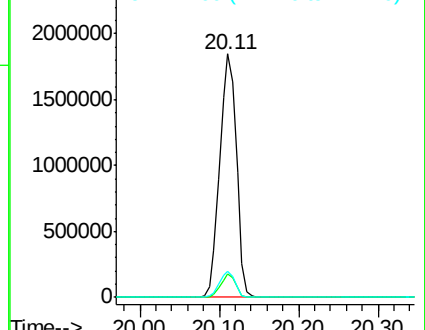
122 10.7 7.0 10.4#



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: 25.09 min Scan# 3711

Delta R.T. -0.02 min

Lab File: BG029392.D

Acq: 21 Oct 2017 15:24

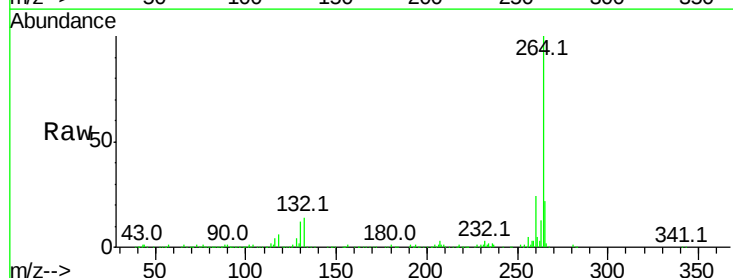
Tgt Ion:264 Resp: 511437

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 22.2 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

