

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102017\
 Data File : BG029394.D
 Acq On : 21 Oct 2017 16:43
 Operator : SJ/JU
 Sample : PB103526BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 21 22:38:47 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	50012	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	214938	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	147900	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	414068	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	486026	20.00	ng	-0.01
86) Perylene-d12	25.09	264	487594	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	351504	117.41	ng	0.00
7) Phenol-d6	7.32	99	466455	111.00	ng	0.00
23) Nitrobenzene-d5	9.33	82	260505	77.02	ng	-0.01
41) 2,4,6-Tribromophenol	16.26	330	278476	145.83	ng	-0.01
44) 2-Fluorobiphenyl	13.41	172	756441	75.01	ng	0.00
78) Terphenyl-d14	20.11	244	1553755	72.73	ng	-0.01

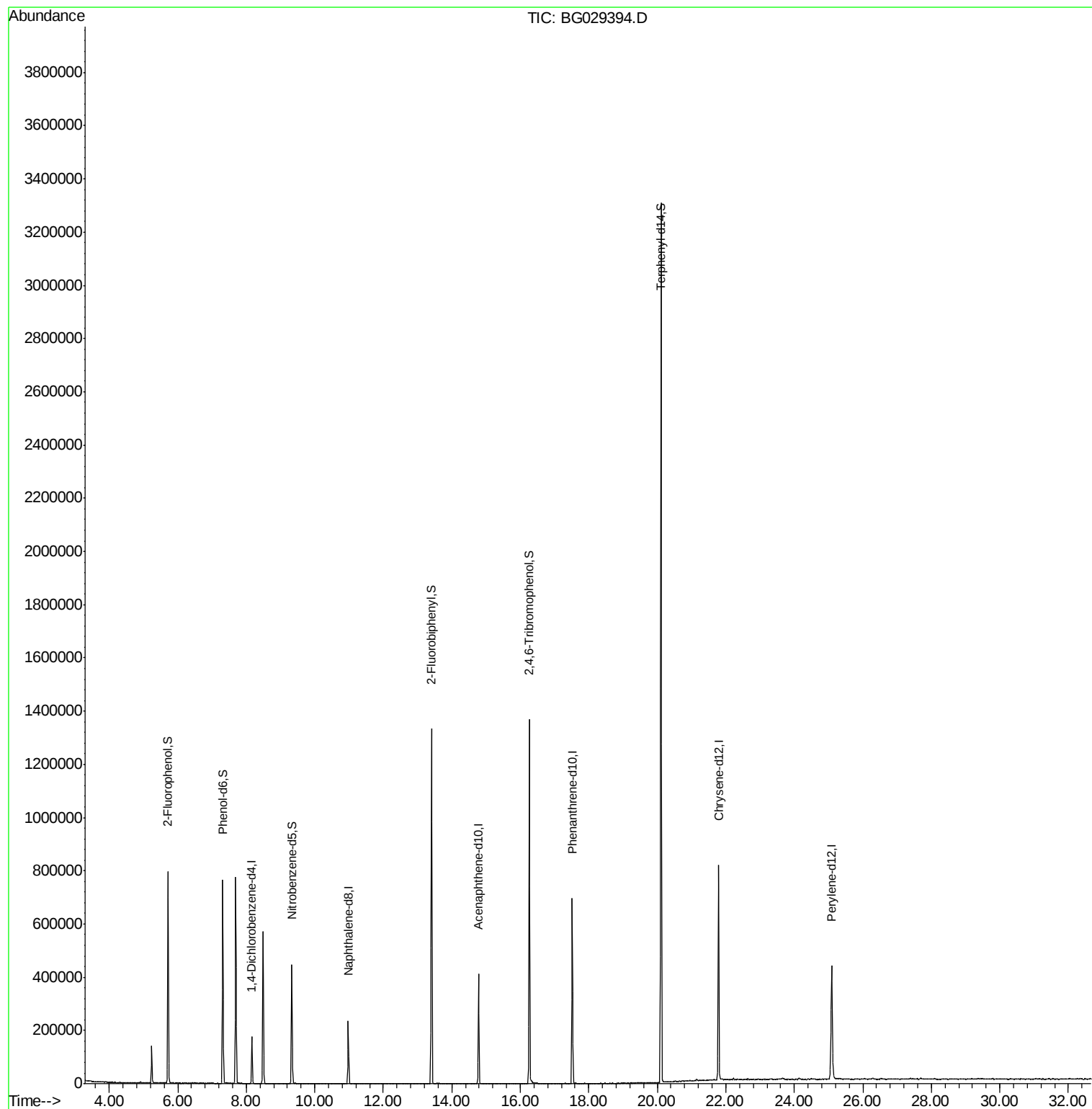
Target Compounds Qvalue

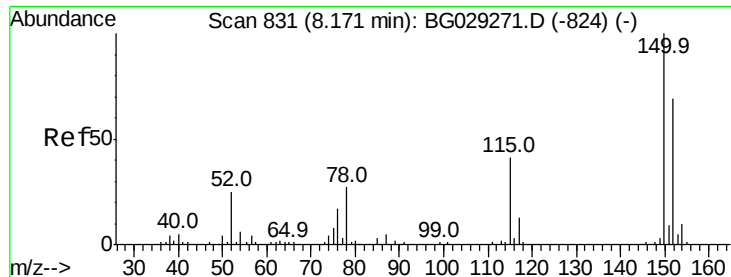
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.16 min Scan# 830

Delta R.T. -0.01 min

Lab File: BG029394.D

Acq: 21 Oct 2017 16:43

Instrument :

BNA_G

ClientSampleId :

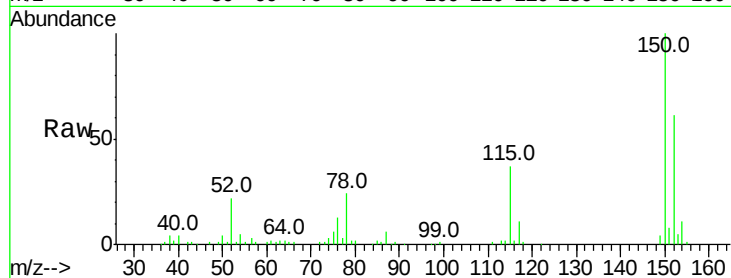
Tot Ion:152 Resp: 50012

Ion Ratio Lower Upper

152 100

150 163.9 126.6 189.8

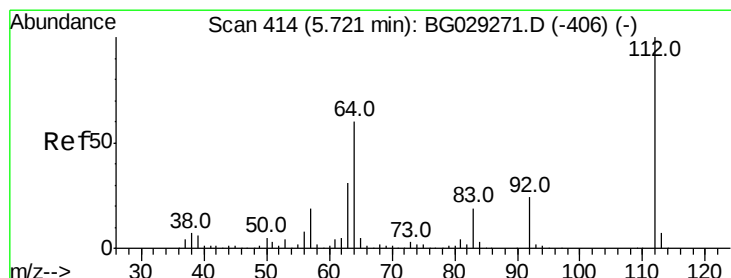
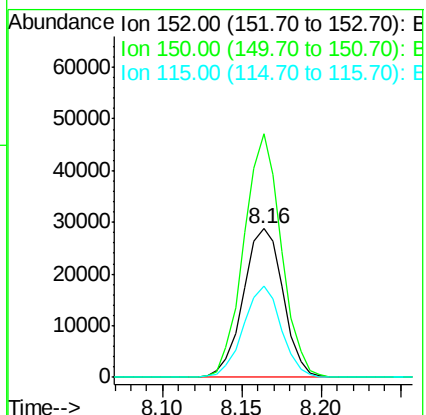
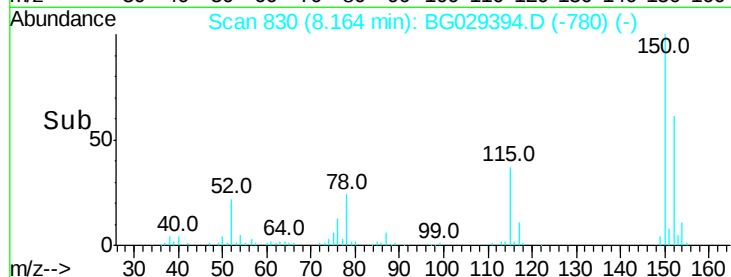
115 61.3 53.0 79.4



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: 117.413 ng

RT: 5.71 min Scan# 413

Delta R.T. -0.01 min

Lab File: BG029394.D

Acq: 21 Oct 2017 16:43

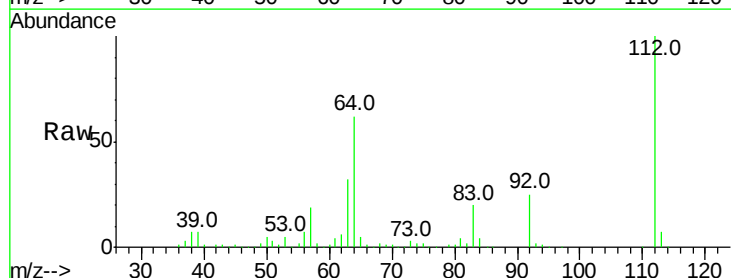
Tgt Ion:112 Resp: 351504

Ion Ratio Lower Upper

112 100

64 62.0 56.3 84.5

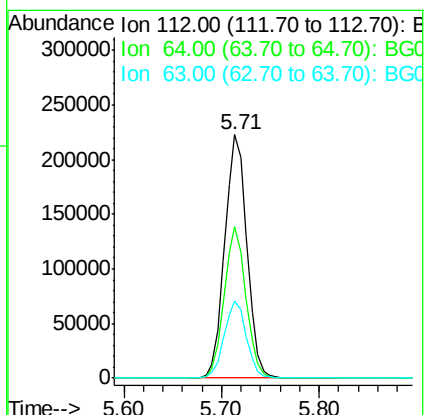
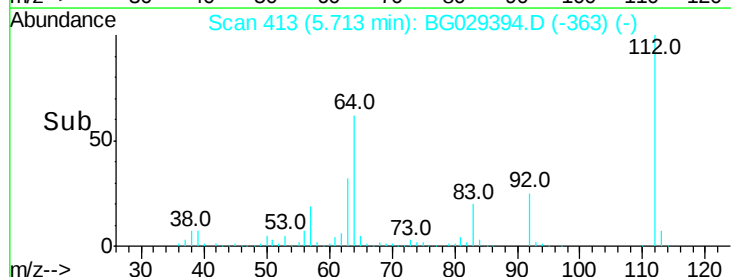
63 31.7 30.1 45.1

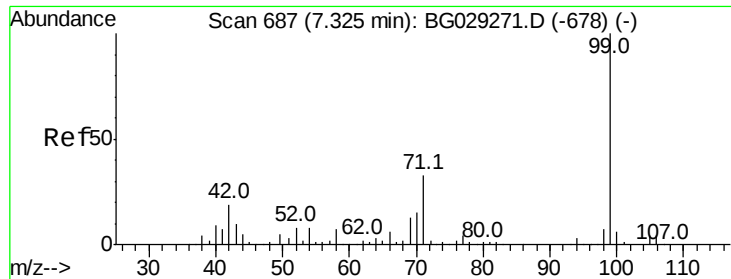


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 111.003 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029394.D

Acq: 21 Oct 2017 16:43

Instrument :

BNA_G

ClientSampleId :

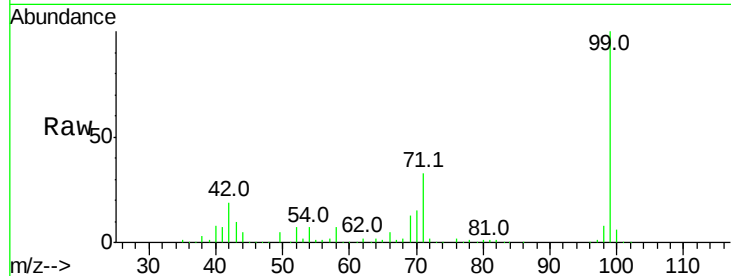
Tot Ion: 99 Resp: 466455

Ion Ratio Lower Upper

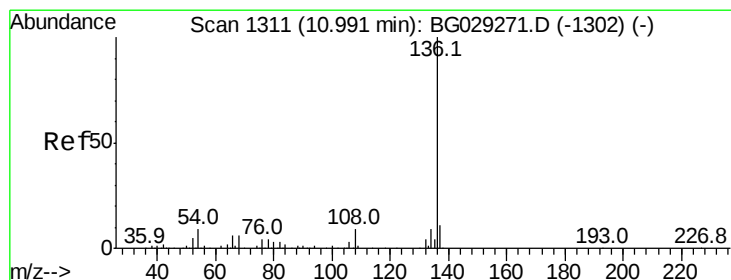
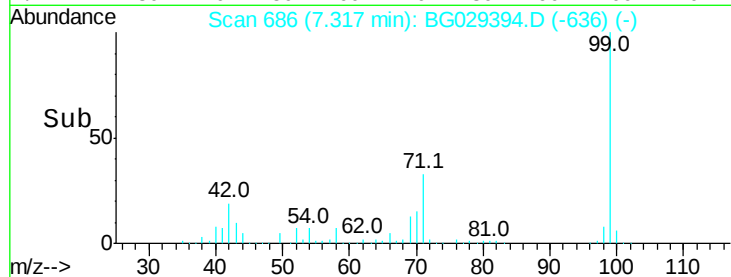
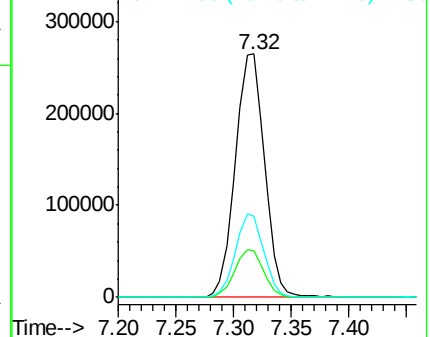
99 100

42 19.4 14.1 21.1

71 33.1 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: BG029394.D

Acq: 21 Oct 2017 16:43

Tgt Ion: 136 Resp: 214938

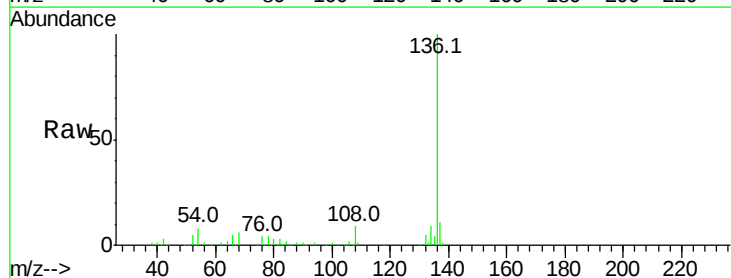
Ion Ratio Lower Upper

136 100

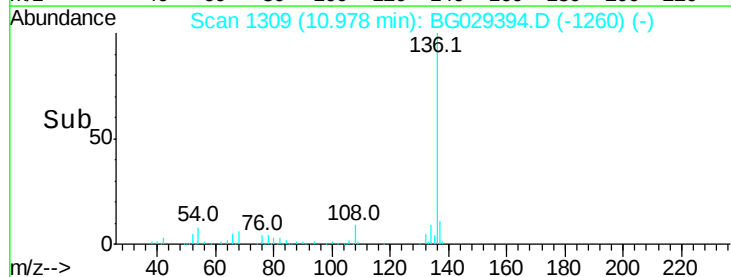
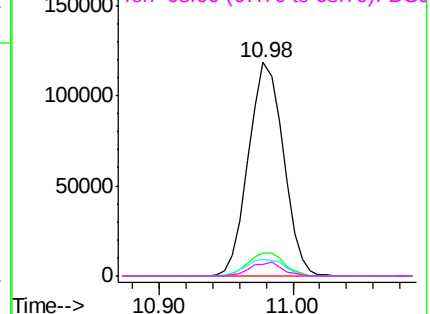
137 10.5 9.2 13.8

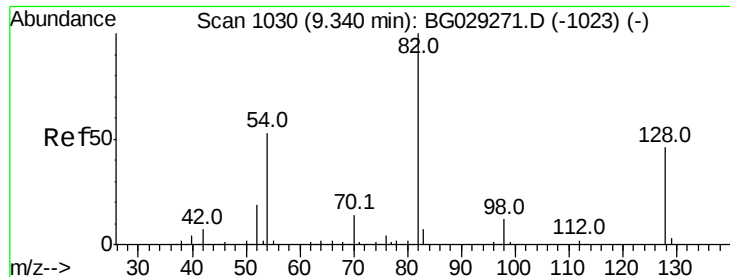
54 8.0 10.3 15.5#

68 5.6 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

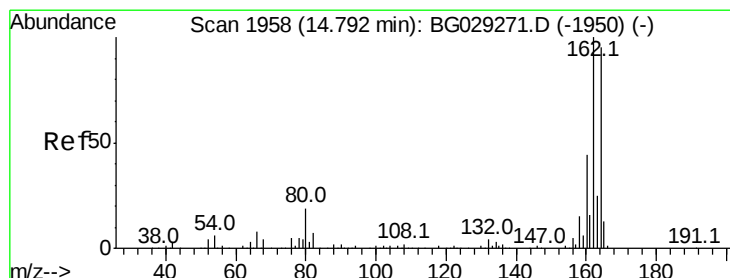
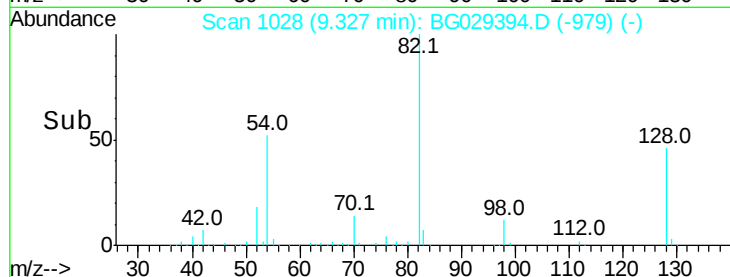
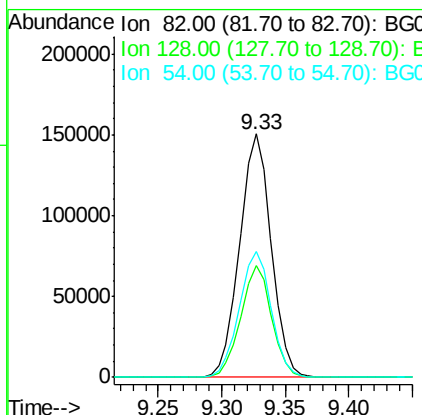
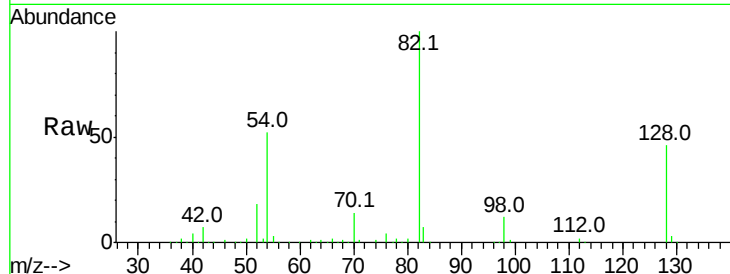




#23
 Nitrobenzene-d5
 Concen: 77.019 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029394.D
 Acq: 21 Oct 2017 16:43

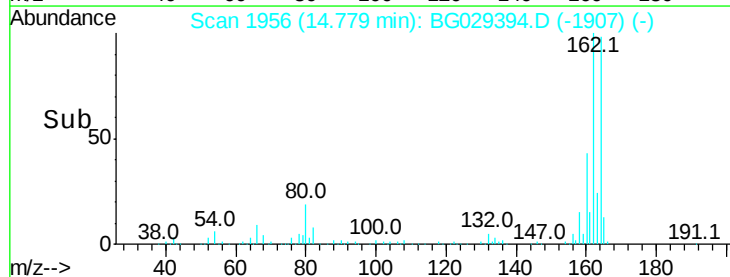
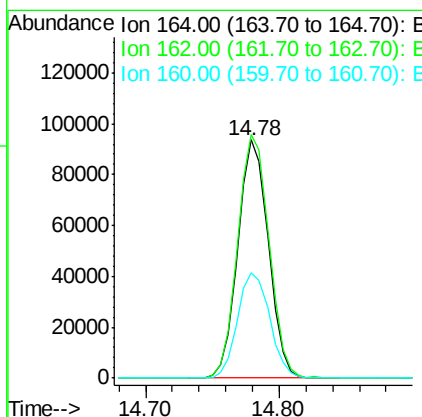
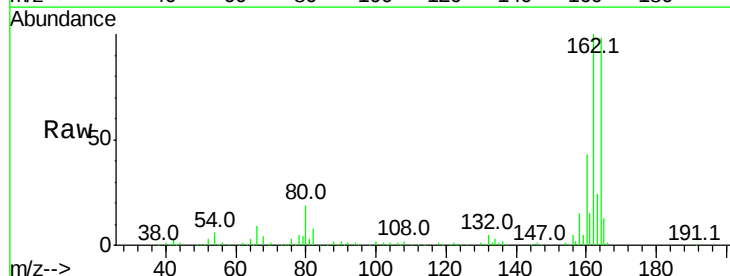
Instrument :
 BNA_G
 ClientSampleId :

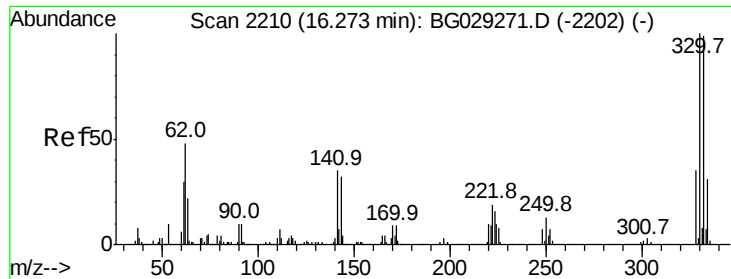
Tot Ion	82	Resp	260505
Ion Ratio	100	Lower	Upper
128	45.9	29.7	44.5#
54	51.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG029394.D
 Acq: 21 Oct 2017 16:43

Tgt Ion	164	Resp	147900
Ion Ratio <td>100</td> <td>Lower</td> <td>Upper</td>	100	Lower	Upper
162	102.3	78.8	118.2
160	44.1	35.4	53.0

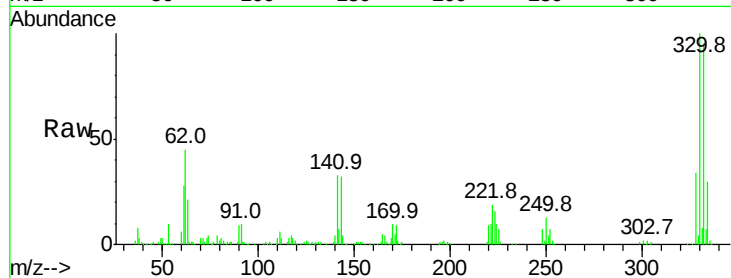




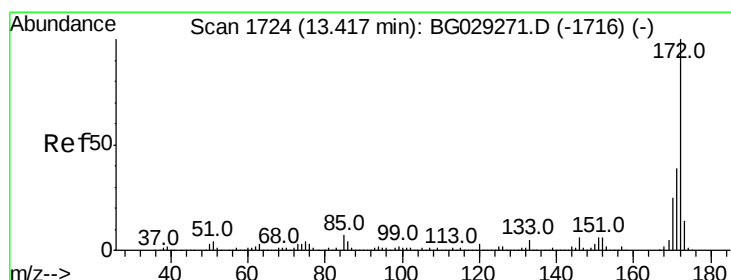
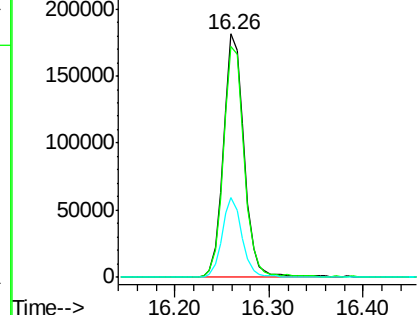
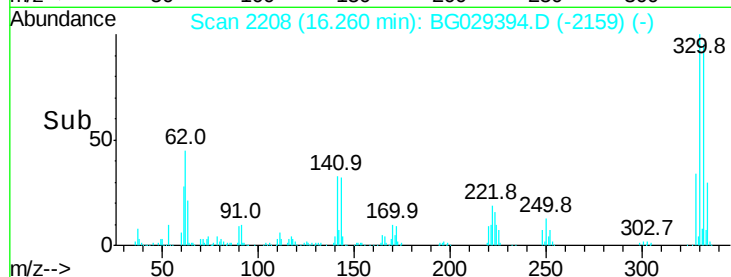
#41
 2,4,6-Tribromophenol
 Concen: 145.834 ng
 RT: 16.26 min Scan# 2208
 Delta R.T. -0.01 min
 Lab File: BG029394.D
 Acq: 21 Oct 2017 16:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	31.8	25.2	37.8

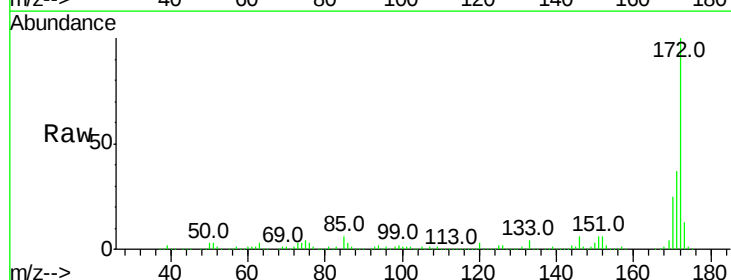


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

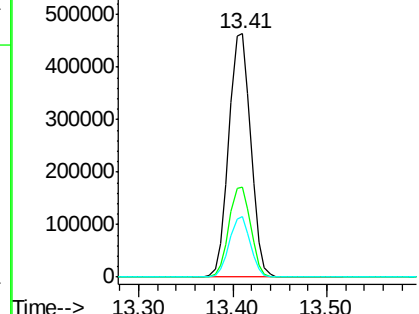
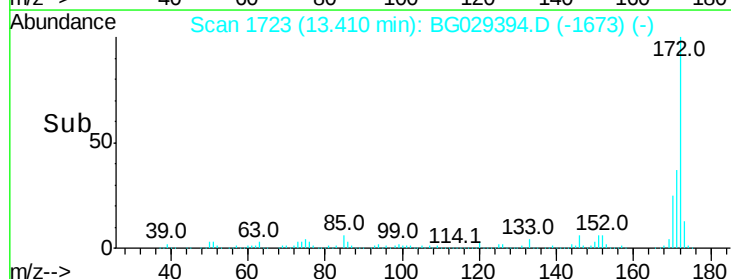


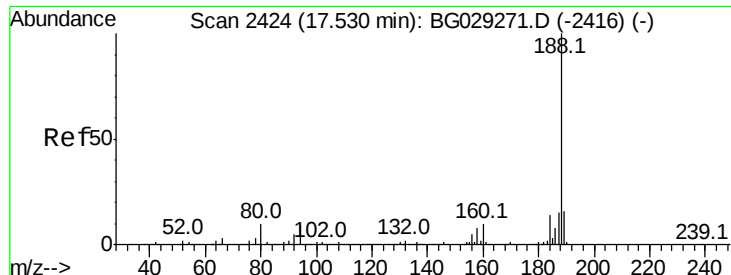
#44
 2-Fluorobiphenyl
 Concen: 75.013 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029394.D
 Acq: 21 Oct 2017 16:43

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.8	30.0	45.0
170	25.1	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

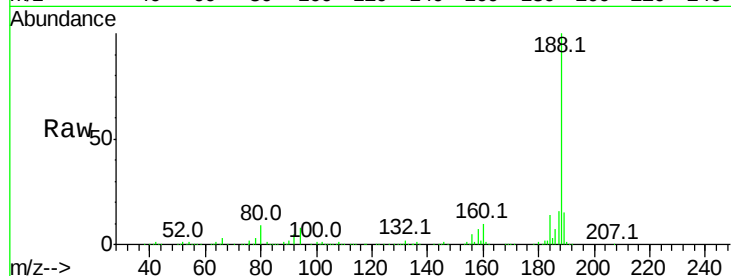




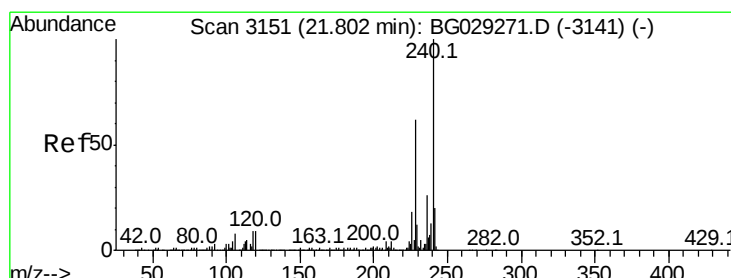
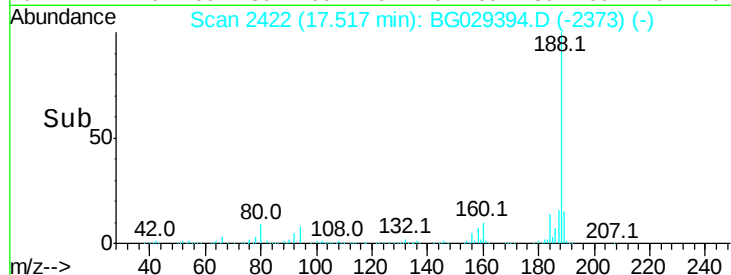
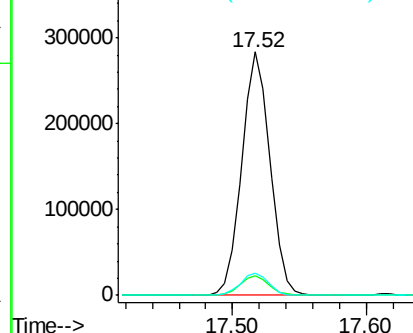
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029394.D
Acq: 21 Oct 2017 16:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 414068
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 9.3 7.7 11.5

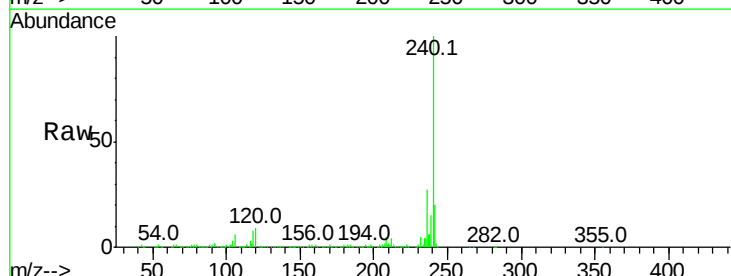


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

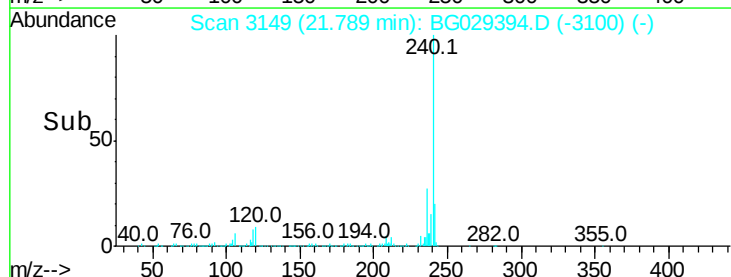
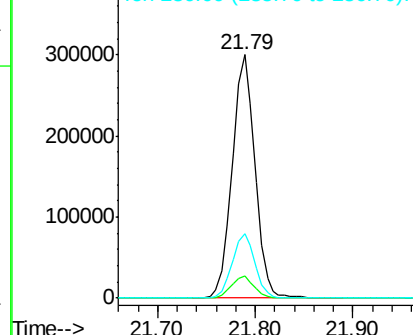


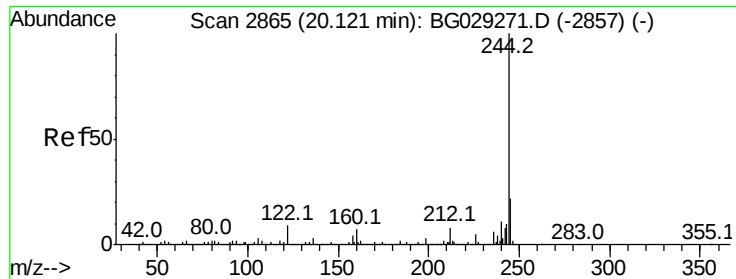
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029394.D
Acq: 21 Oct 2017 16:43

Tgt Ion:240 Resp: 486026
Ion Ratio Lower Upper
240 100
120 9.1 6.8 10.2
236 26.6 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: 72.726 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029394.D

Acq: 21 Oct 2017 16:43

Instrument :

BNA_G

ClientSampled :

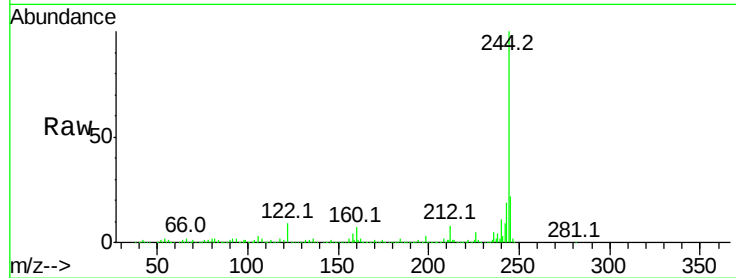
Tot Ion:244 Resp: 1553755

Ion Ratio Lower Upper

244 100

212 8.0 5.8 8.8

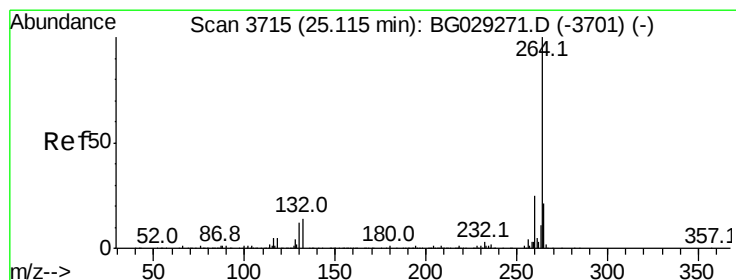
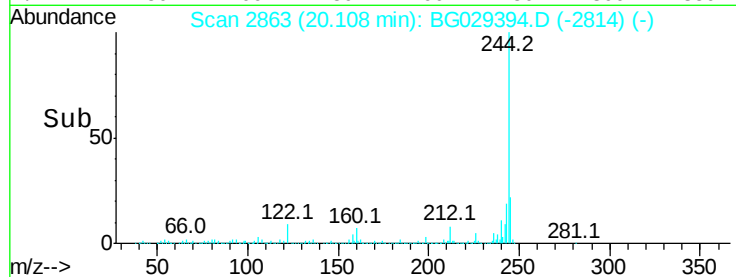
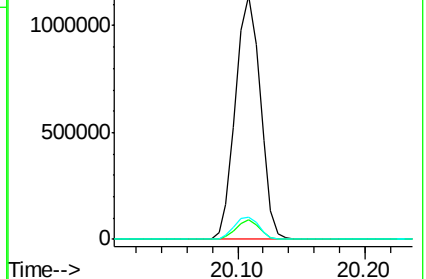
122 9.2 7.0 10.4



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: BG029394.D

Acq: 21 Oct 2017 16:43

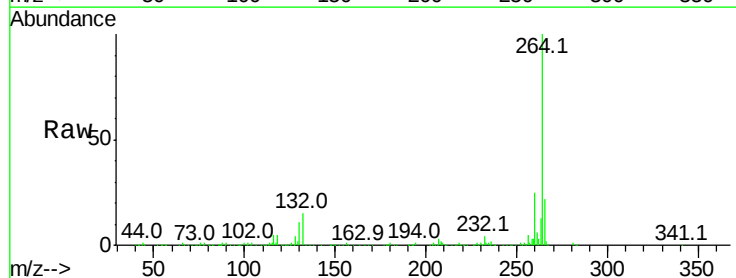
Tgt Ion:264 Resp: 487594

Ion Ratio Lower Upper

264 100

260 24.8 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

