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 Data File : BG030729.D
 Acq On : 4 Nov 2017 10:30
 Operator : SJ/JU
 Sample : I6157-02
 Misc :
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-3

Quant Time: Nov 04 11:22:22 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 18:14:01 2017
 Response via : Initial Calibration

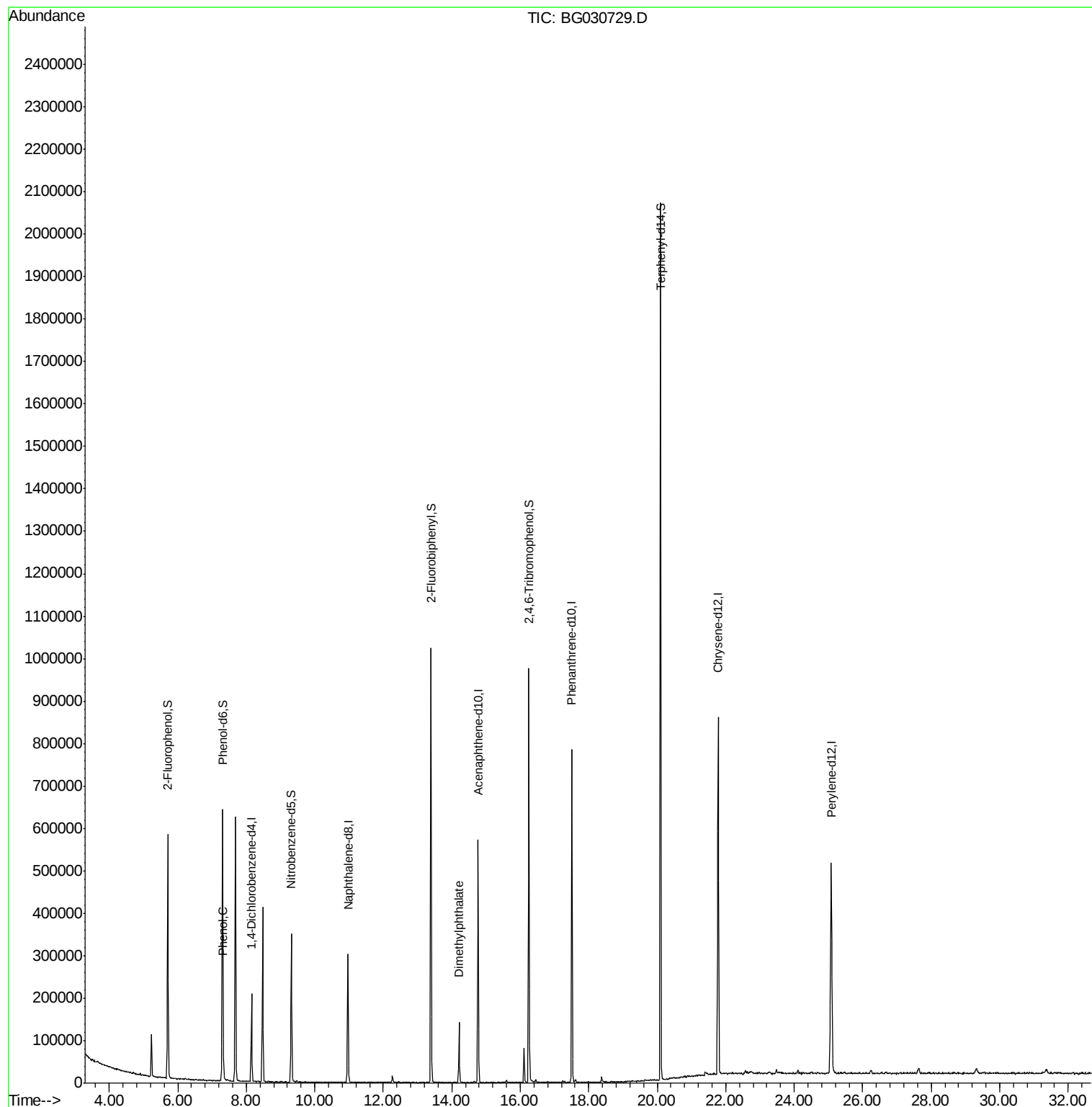
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	60651	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	287936	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	205379	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	497393	20.00	ng	0.00
75) Chrysene-d12	21.78	240	549889	20.00	ng	0.00
86) Perylene-d12	25.08	264	550675	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	275933	76.00	ng	0.00
7) Phenol-d6	7.31	99	396724	77.85	ng	0.00
23) Nitrobenzene-d5	9.32	82	222910	49.20	ng	0.00
41) 2,4,6-Tribromophenol	16.25	330	196851	74.24	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	565708	40.40	ng	0.00
78) Terphenyl-d14	20.10	244	975418	40.35	ng	0.00
Target Compounds						
10) Phenol	7.33	94	18840	3.429	ng	98
49) Dimethylphthalate	14.21	163	113837	7.104	ng	99

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

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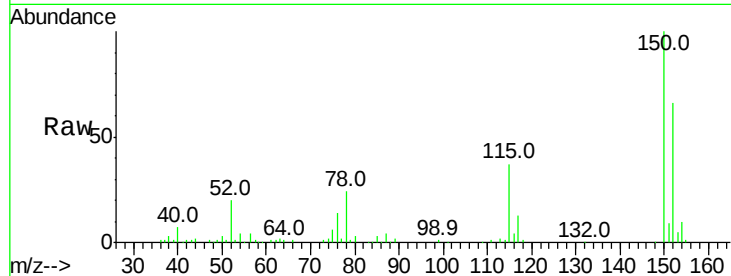


#1

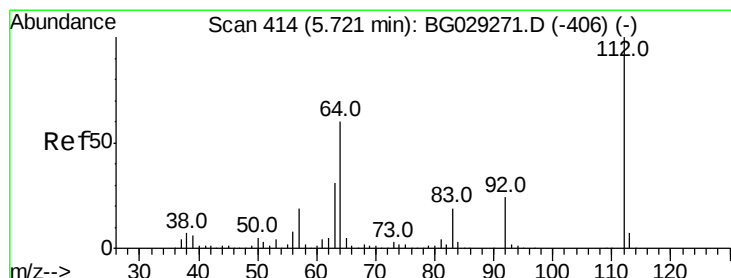
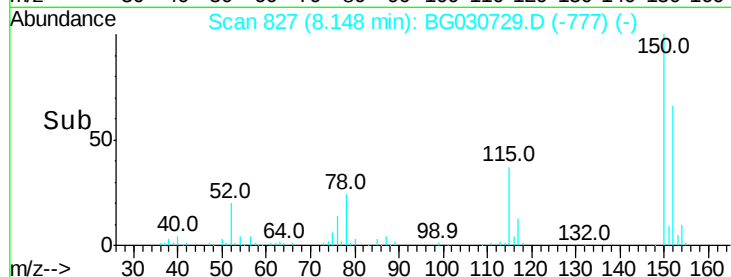
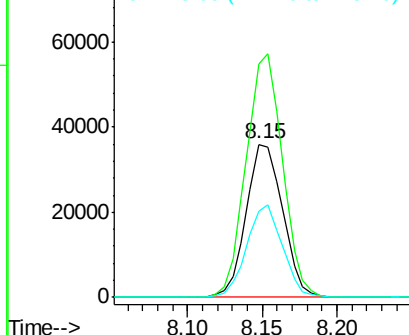
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.15 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG030729.D
Acq: 4 Nov 2017 10:30

Instrument :
BNA_G
ClientSampleId :
RLF-SD-3

Tot Ion:152 Resp: 60651
Ion Ratio Lower Upper
152 100
150 152.2 126.6 189.8
115 56.2 53.0 79.4



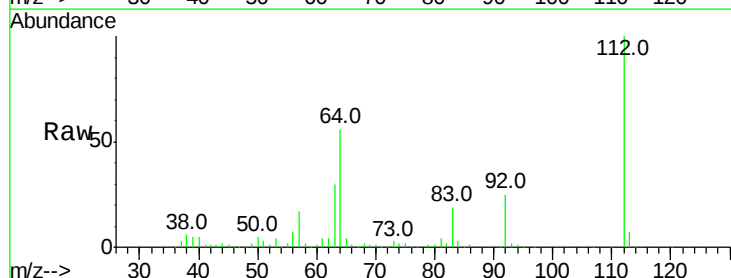
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



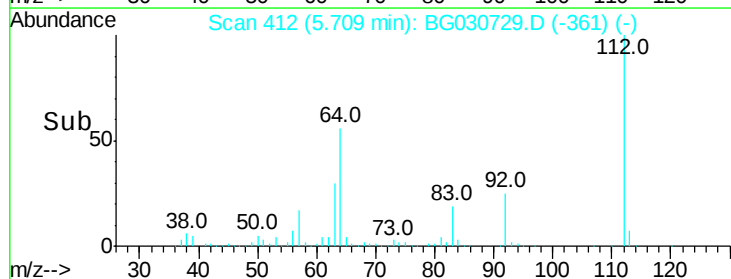
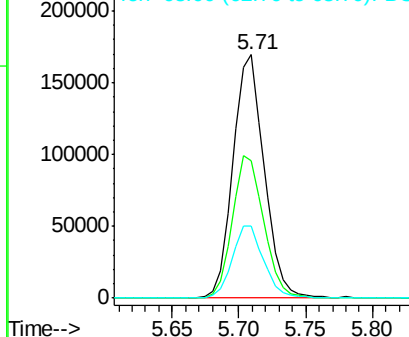
#5

2-Fluorophenol
Concen: 76.002 ng
RT: 5.71 min Scan# 412
Delta R.T. 0.00 min
Lab File: BG030729.D
Acq: 4 Nov 2017 10:30

Tgt Ion:112 Resp: 275933
Ion Ratio Lower Upper
112 100
64 56.5 56.3 84.5
63 29.6 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: 77.848 ng

RT: 7.31 min Scan# 684

Delta R.T. 0.00 min

Lab File: BG030729.D

Acq: 4 Nov 2017 10:30

Instrument :

BNA_G

ClientSampleId :

RLF-SD-3

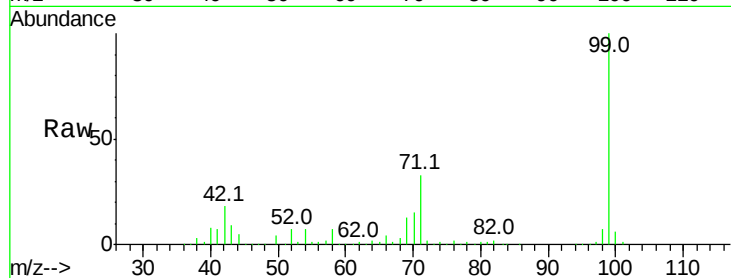
Tot Ion: 99 Resp: 396724

Ion Ratio Lower Upper

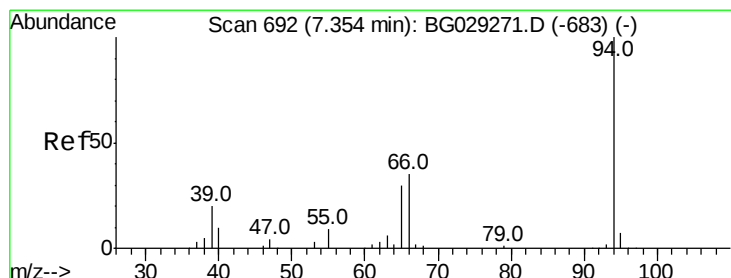
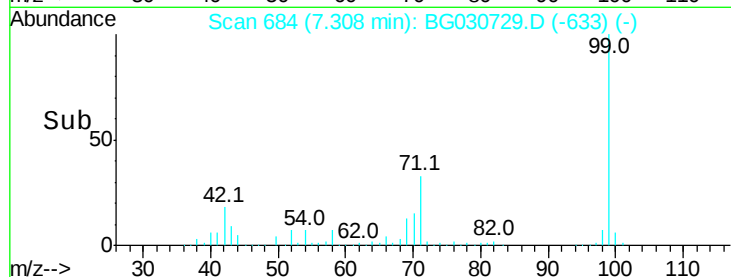
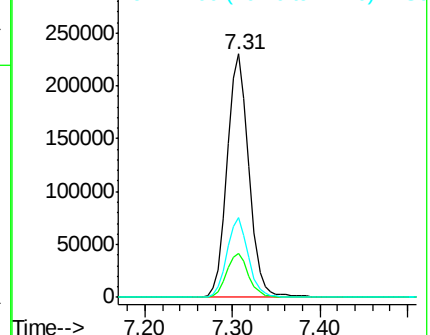
99 100

42 18.0 14.1 21.1

71 32.9 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



#10

Phenol

Concen: 3.429 ng

RT: 7.33 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG030729.D

Acq: 4 Nov 2017 10:30

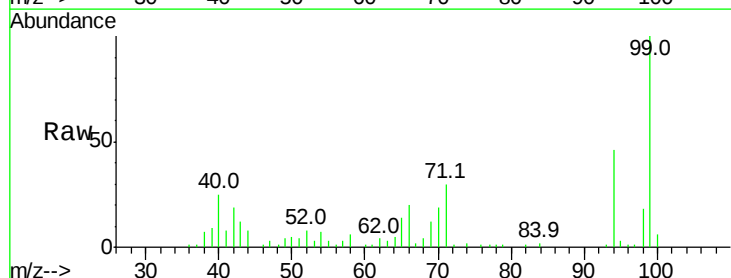
Tgt Ion: 94 Resp: 18840

Ion Ratio Lower Upper

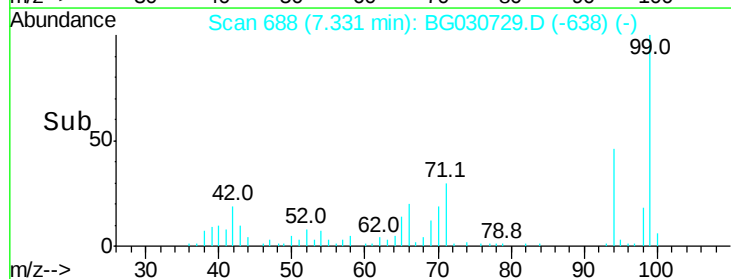
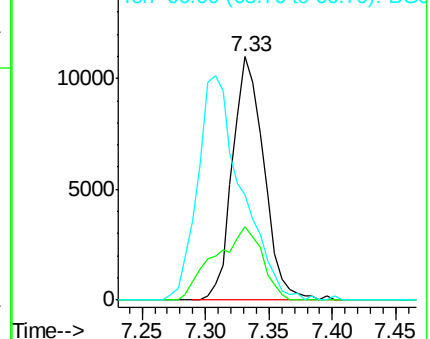
94 100

65 30.4 11.9 51.9

66 43.5 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

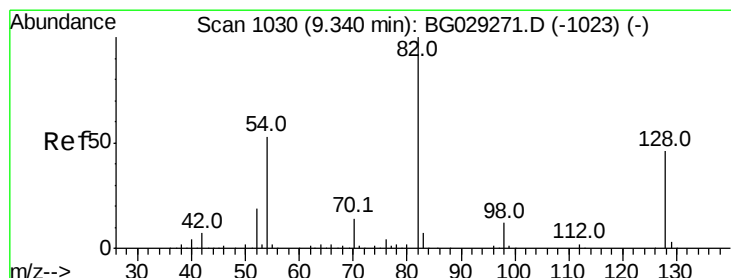
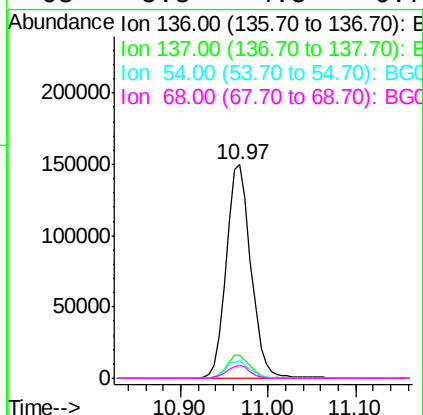
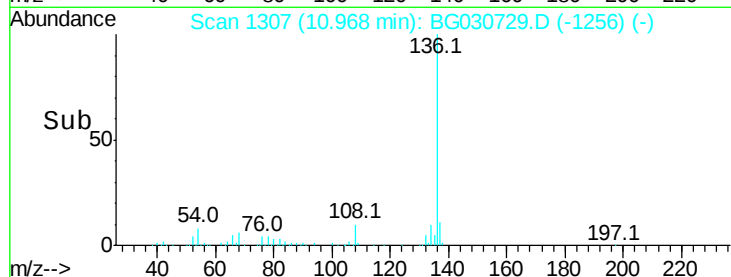
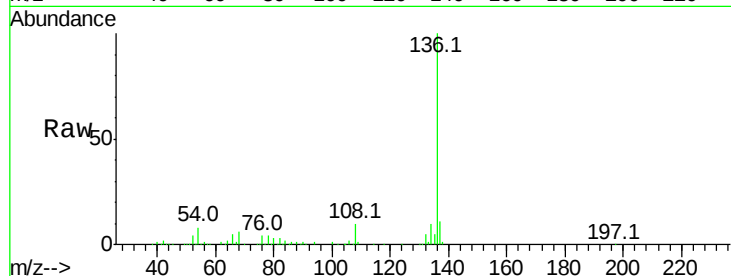




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.97 min Scan# 1307
Delta R.T. 0.00 min
Lab File: BG030729.D
Acq: 4 Nov 2017 10:30

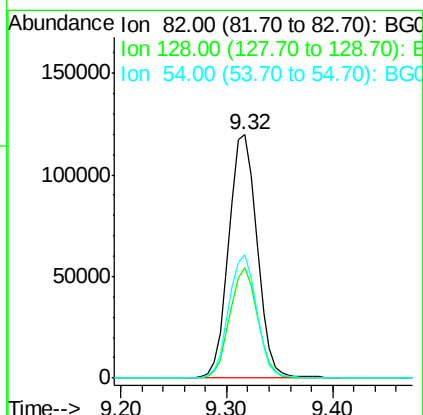
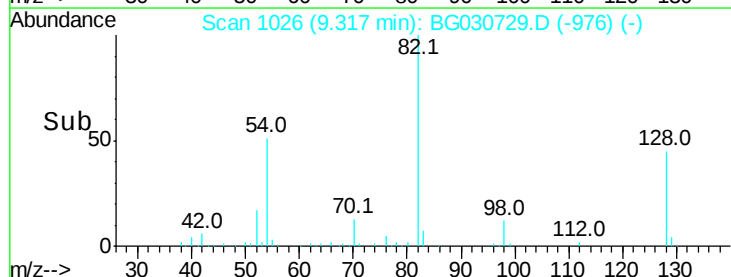
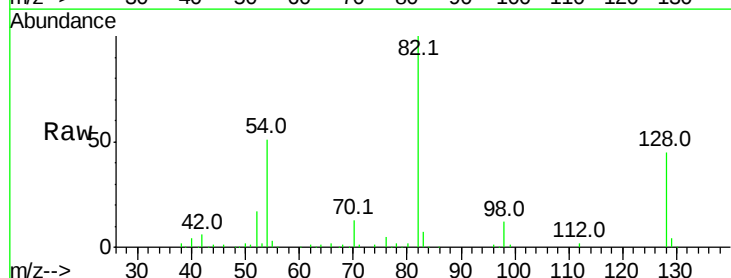
Instrument :
BNA_G
ClientSampleId :
RLF-SD-3

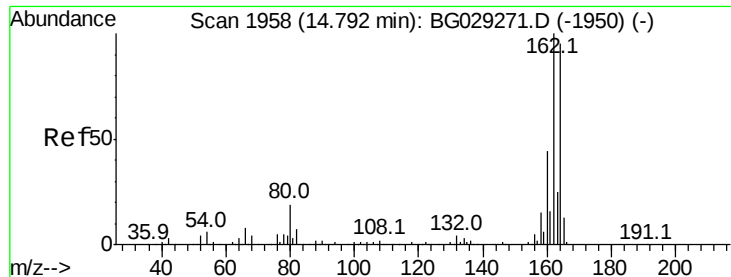
Tot Ion:136	Resp:	287936
Ion	Ratio	Lower Upper
136	100	
137	10.6	9.2 13.8
54	8.2	10.3 15.5#
68	5.8	4.5 6.7



#23
Nitrobenzene-d5
Concen: 49.196 ng
RT: 9.32 min Scan# 1026
Delta R.T. -0.01 min
Lab File: BG030729.D
Acq: 4 Nov 2017 10:30

Tgt Ion: 82	Resp:	222910
Ion	Ratio	Lower Upper
82	100	
128	45.3	29.7 44.5#
54	50.7	43.1 64.7

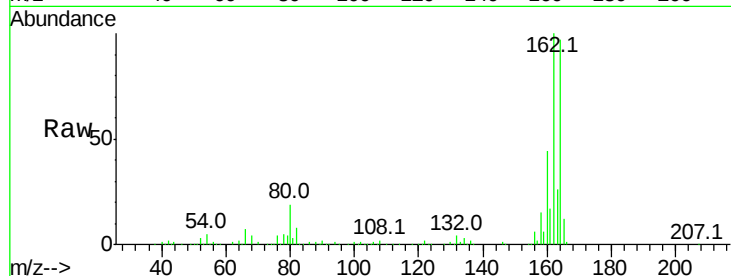




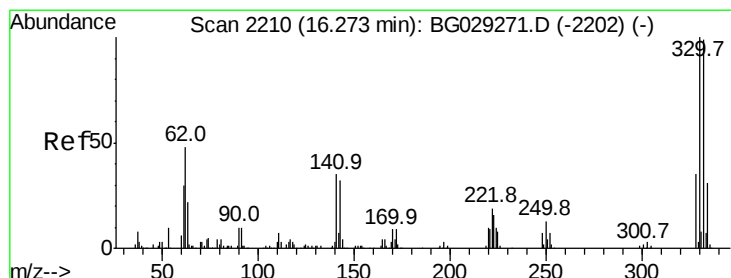
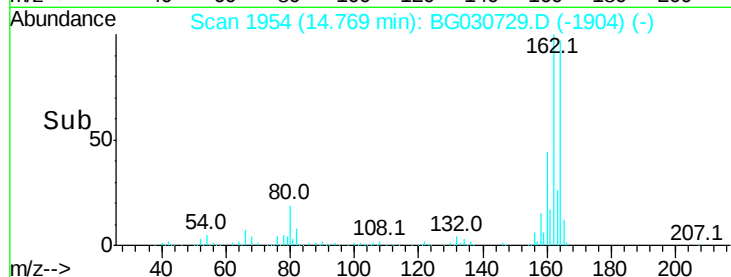
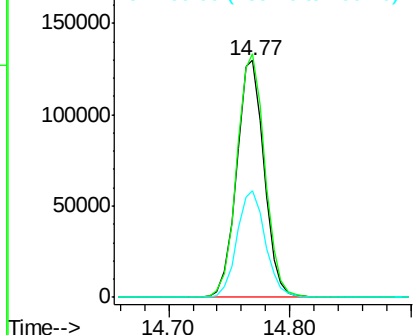
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.77 min Scan# 1954
Delta R.T. -0.01 min
Lab File: BG030729.D
Acq: 4 Nov 2017 10:30

Instrument :
BNA_G
ClientSampleId :
RLF-SD-3

Tot Ion:164 Resp: 205379
Ion Ratio Lower Upper
164 100
162 102.8 78.8 118.2
160 45.2 35.4 53.0

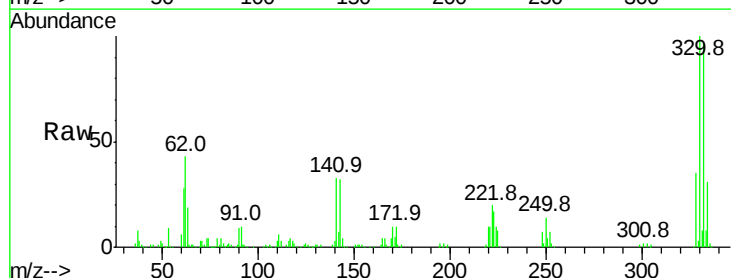


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

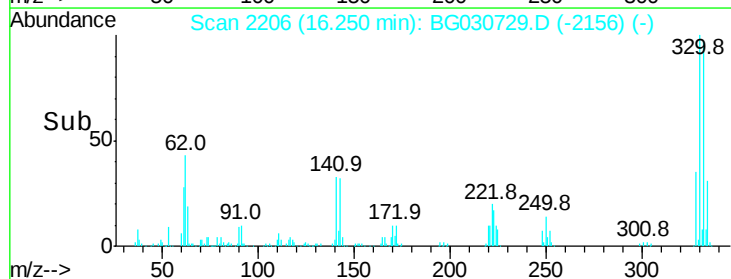
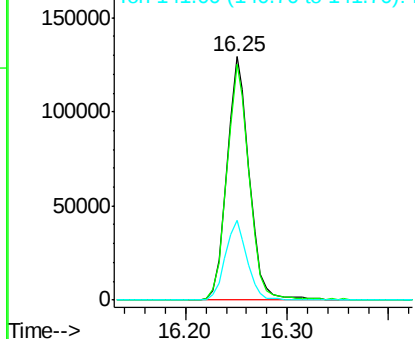


#41
2,4,6-Tribromophenol
Concen: 74.237 ng
RT: 16.25 min Scan# 2206
Delta R.T. -0.01 min
Lab File: BG030729.D
Acq: 4 Nov 2017 10:30

Tgt Ion:330 Resp: 196851
Ion Ratio Lower Upper
330 100
332 96.2 77.0 115.6
141 32.3 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

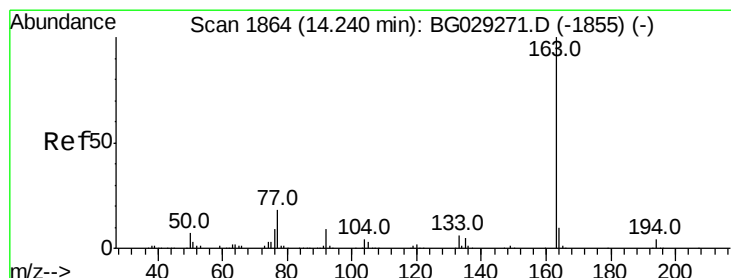
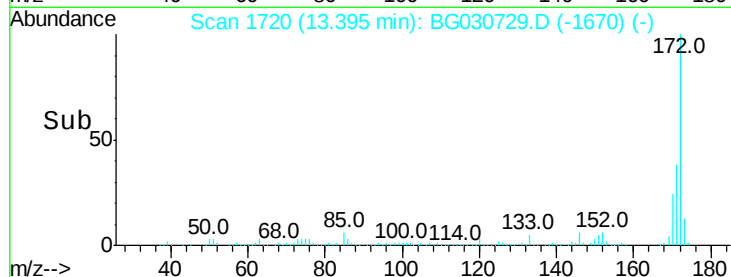
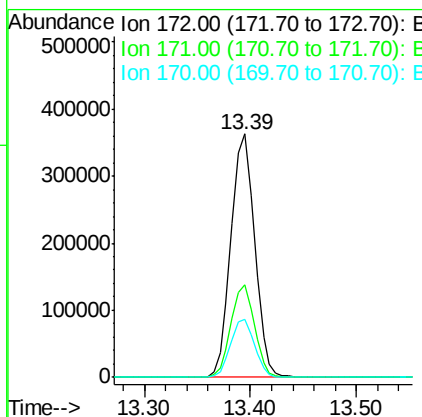
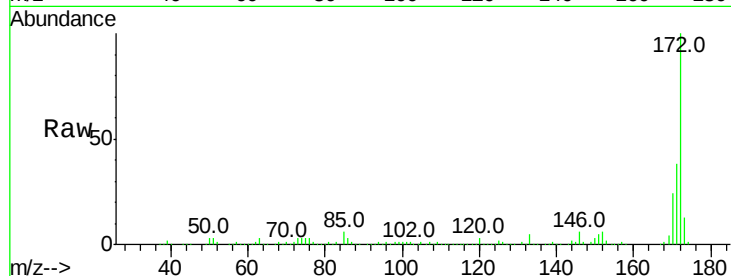




#44
2-Fluorobiphenyl
Concen: 40.398 ng
RT: 13.39 min Scan# 1720
Delta R.T. -0.01 min
Lab File: BG030729.D
Acq: 4 Nov 2017 10:30

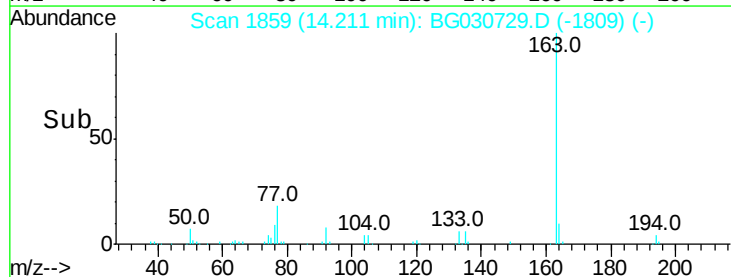
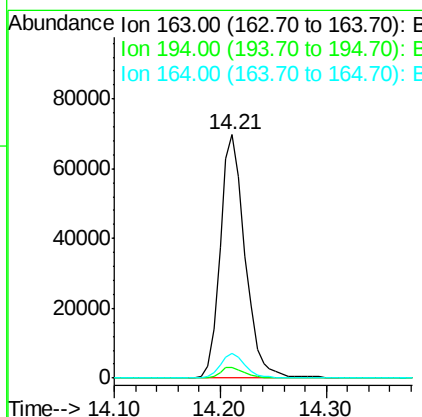
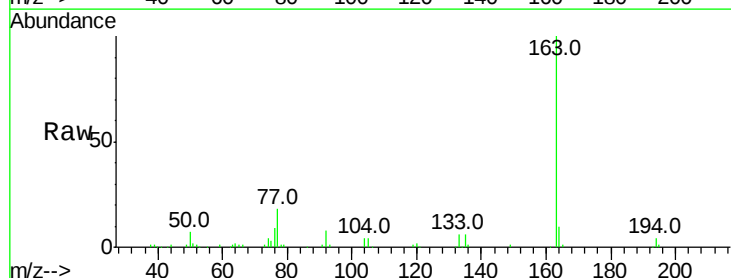
Instrument :
BNA_G
ClientSampleId :
RLF-SD-3

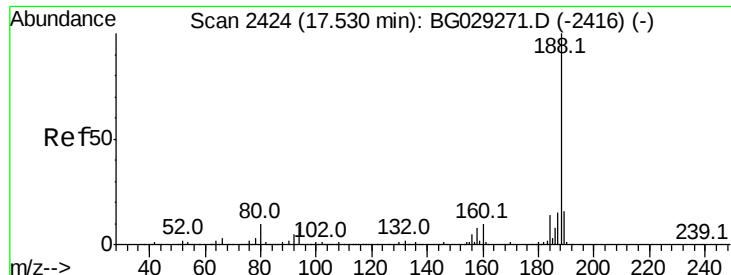
Tot Ion:172 Resp: 565708
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 24.1 19.5 29.3



#49
Dimethylphthalate
Concen: 7.104 ng
RT: 14.21 min Scan# 1859
Delta R.T. -0.01 min
Lab File: BG030729.D
Acq: 4 Nov 2017 10:30

Tgt Ion:163 Resp: 113837
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.0 8.2 12.4

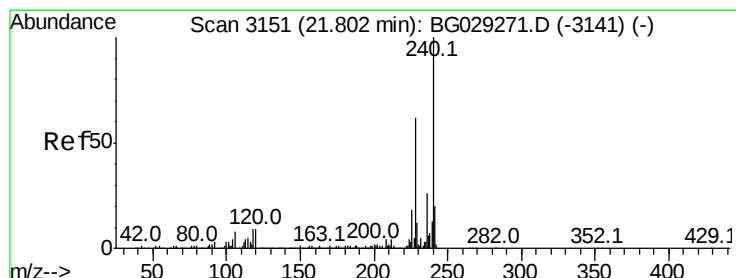
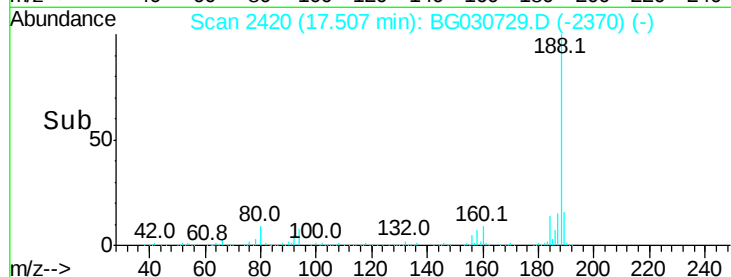
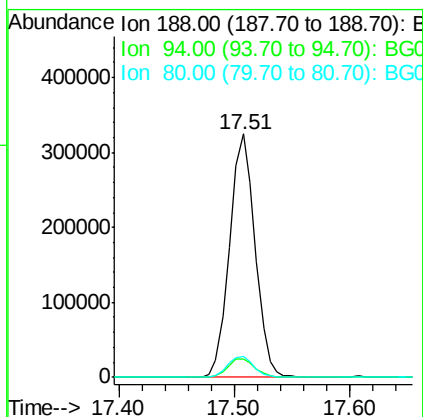
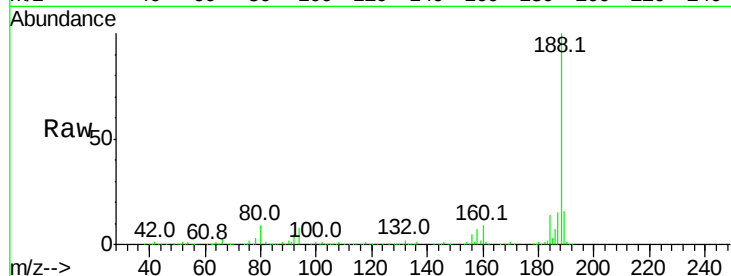




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2420
Delta R.T. -0.01 min
Lab File: BG030729.D
Acq: 4 Nov 2017 10:30

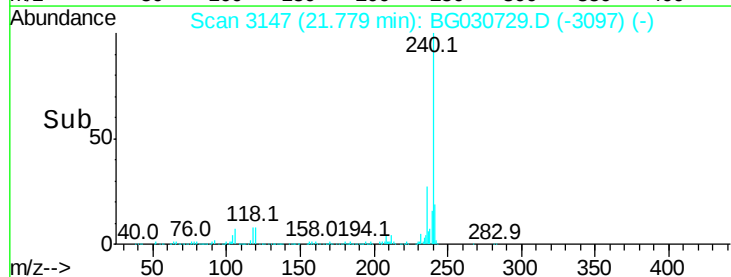
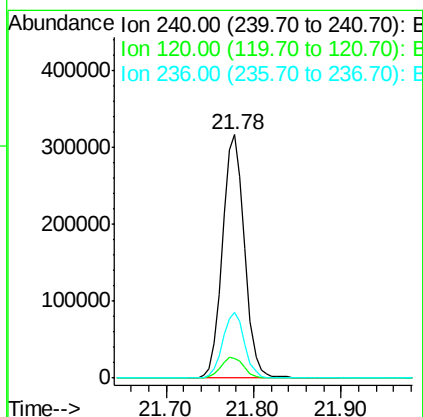
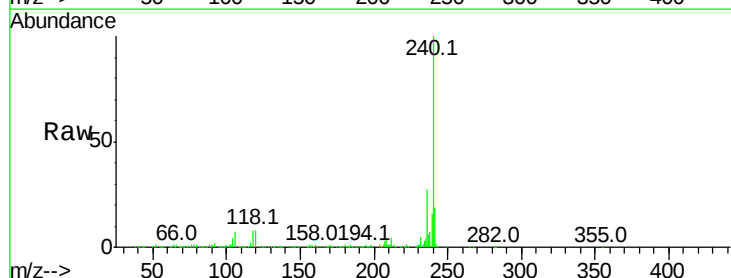
Instrument :
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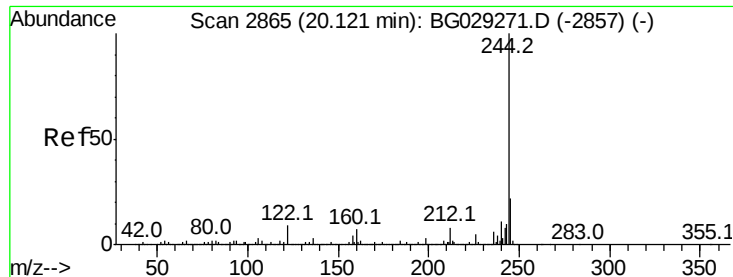
Tot Ion:188 Resp: 497393
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.6 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.78 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG030729.D
Acq: 4 Nov 2017 10:30

Tgt Ion:240 Resp: 549889
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 26.9 20.9 31.3

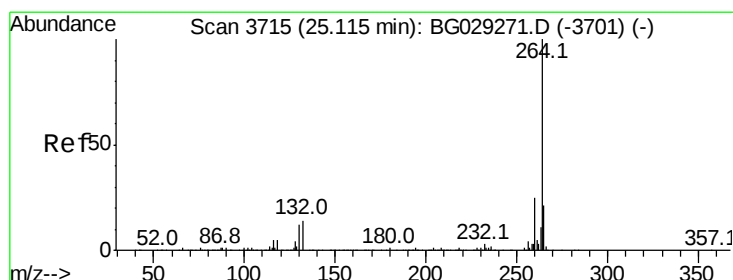
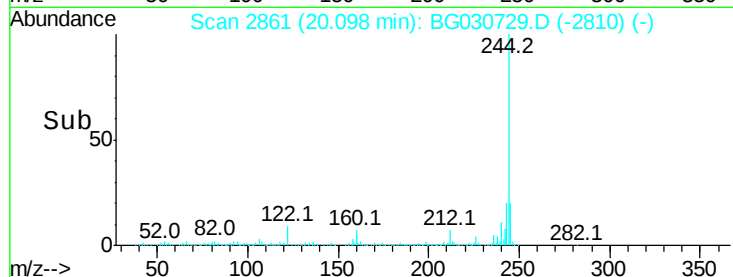
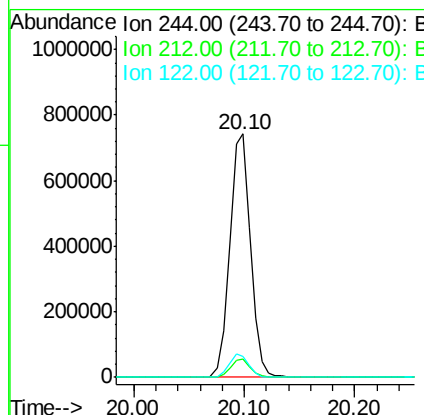
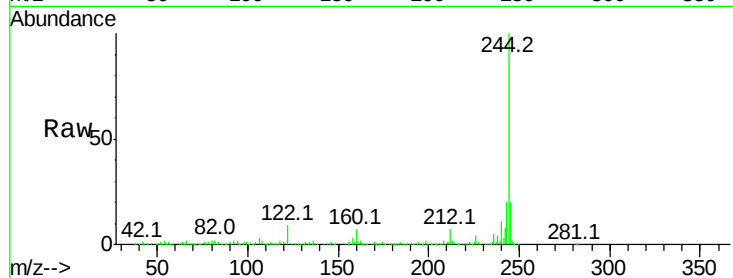




#78
 Terphenyl-d14
 Concen: 40.354 ng
 RT: 20.10 min Scan# 2861
 Delta R.T. 0.00 min
 Lab File: BG030729.D
 Acq: 4 Nov 2017 10:30

Instrument :
 BNA_G
 ClientSampleId :
 RLF-SD-3

Tot Ion:244 Resp: 975418
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 8.5 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.08 min Scan# 3709
 Delta R.T. -0.01 min
 Lab File: BG030729.D
 Acq: 4 Nov 2017 10:30

Tgt Ion:264 Resp: 550675
 Ion Ratio Lower Upper
 264 100
 260 24.3 17.4 26.0
 265 21.6 17.7 26.5

