

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG110117\
 Data File : BG030633.D
 Acq On : 1 Nov 2017 13:40
 Operator : SJ/JU
 Sample : I6200-02
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-01-102717

Quant Time: Nov 01 17:47:55 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 01 17:41:24 2017
 Response via : Initial Calibration

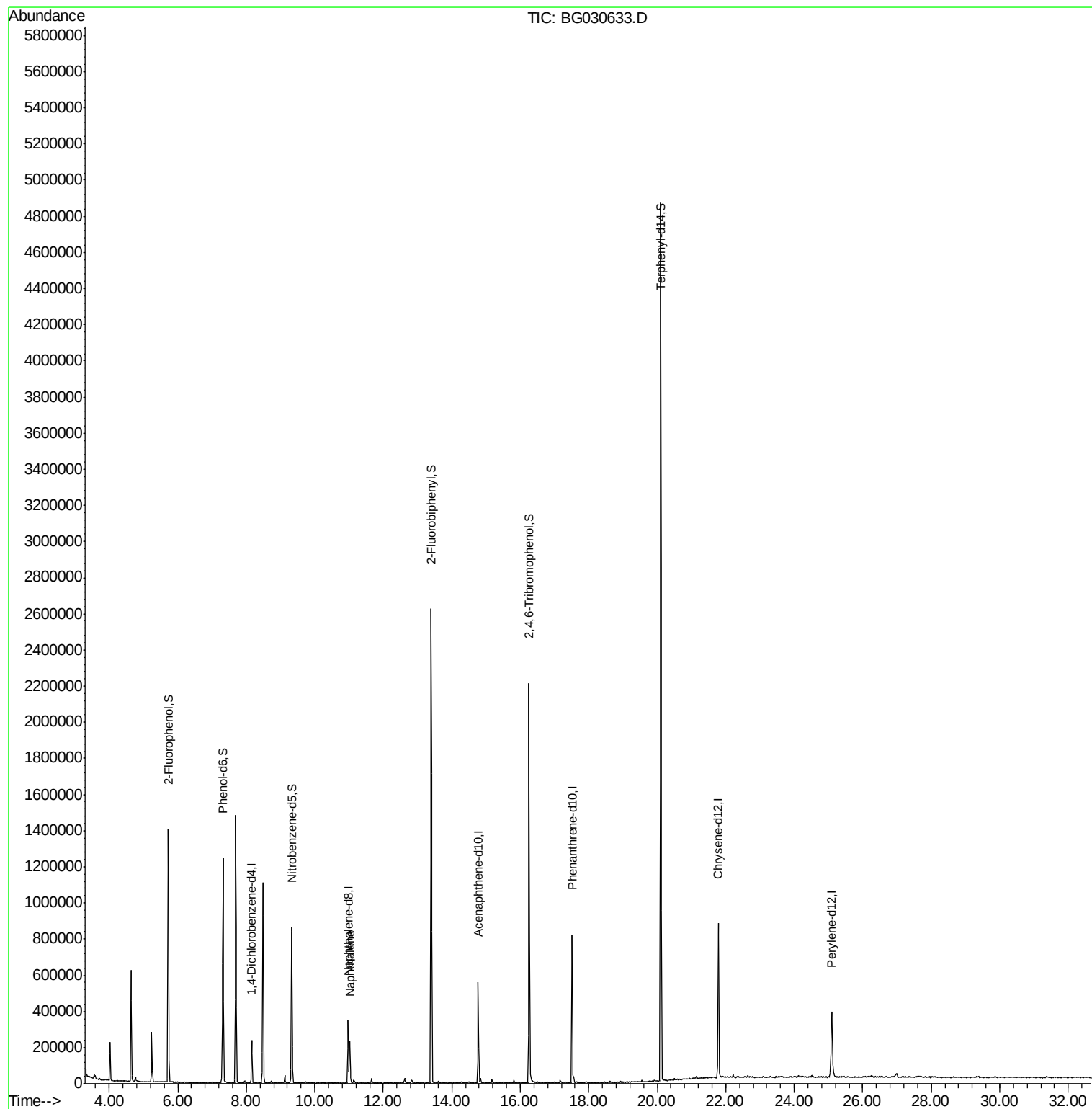
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	69512	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	315325	20.00	ng	0.00
38) Acenaphthene-d10	14.77	164	200630	20.00	ng	0.00
63) Phenanthrene-d10	17.51	188	500207	20.00	ng	0.00
75) Chrysene-d12	21.78	240	533493	20.00	ng	0.00
86) Perylene-d12	25.10	264	354054	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	642417	154.39	ng	0.00
7) Phenol-d6	7.32	99	766175	131.18	ng	0.00
23) Nitrobenzene-d5	9.33	82	541129	109.05	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	458542	177.02	ng	0.00
44) 2-Fluorobiphenyl	13.40	172	1458510	106.62	ng	0.00
78) Terphenyl-d14	20.10	244	2283882	97.39	ng	0.00
Target Compounds						
31) Naphthalene	11.02	128	204698	13.026	ng	Qvalue 97

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

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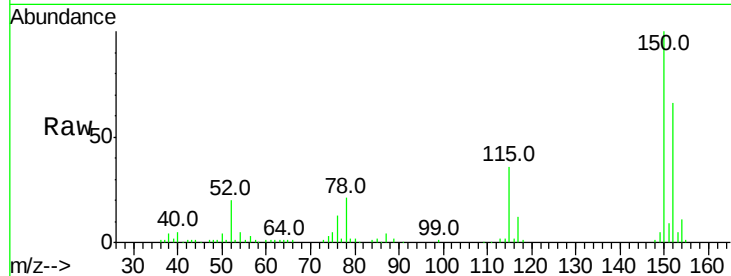


#1

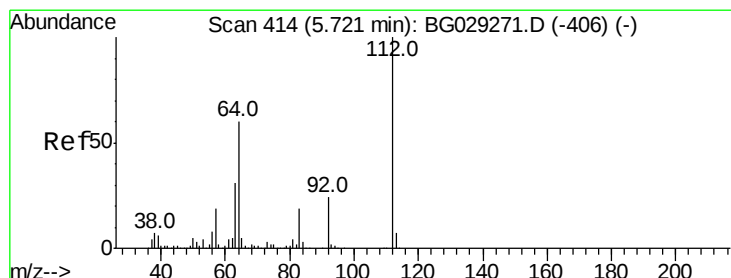
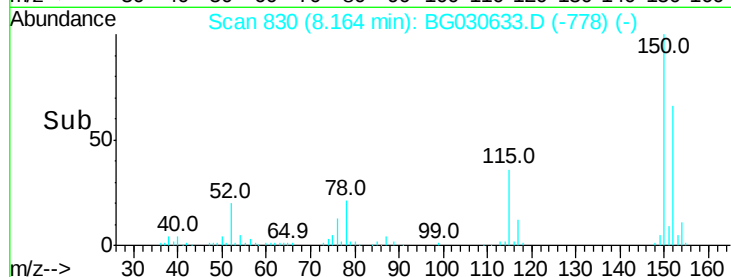
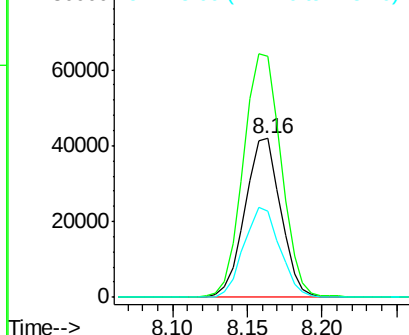
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.16 min Scan# 830
Delta R.T. 0.01 min
Lab File: BG030633.D
Acq: 1 Nov 2017 13:40

Instrument :
BNA_G
ClientSampleId :
OR-01-102717

Tot Ion:152 Resp: 69512
Ion Ratio Lower Upper
152 100
150 152.0 126.6 189.8
115 54.0 53.0 79.4



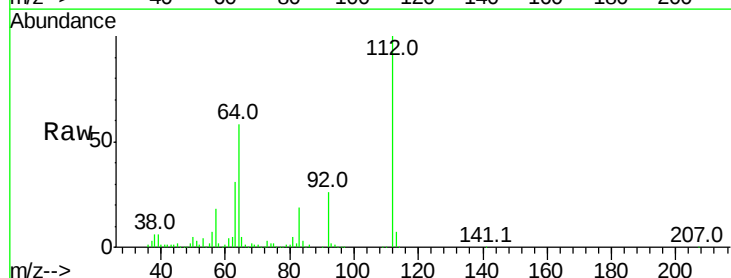
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



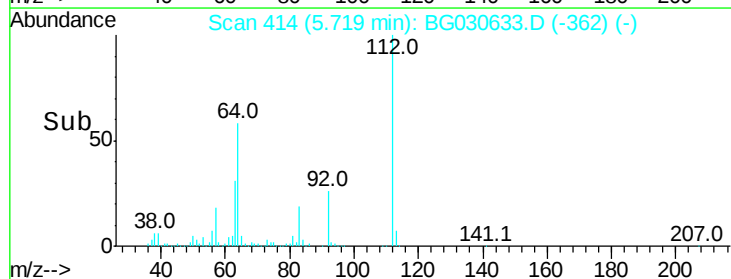
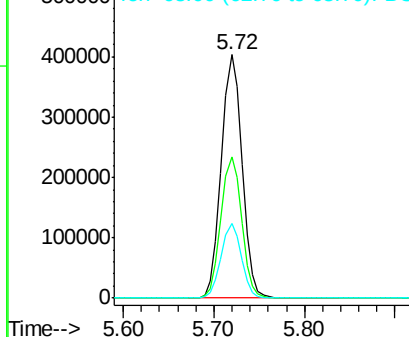
#5

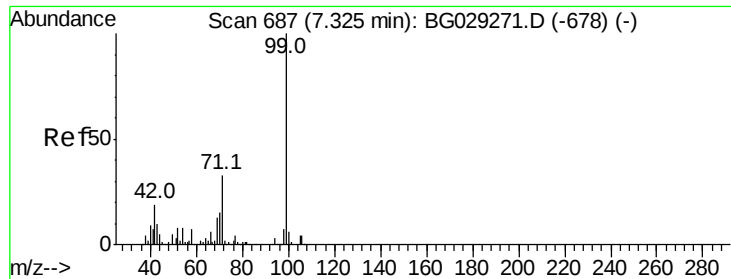
2-Fluorophenol
Concen: 154.389 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.01 min
Lab File: BG030633.D
Acq: 1 Nov 2017 13:40

Tgt Ion:112 Resp: 642417
Ion Ratio Lower Upper
112 100
64 58.3 56.3 84.5
63 30.7 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: 131.180 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.00 min

Lab File: BG030633.D

Acq: 1 Nov 2017 13:40

Instrument :

BNA_G

ClientSampleId :

OR-01-102717

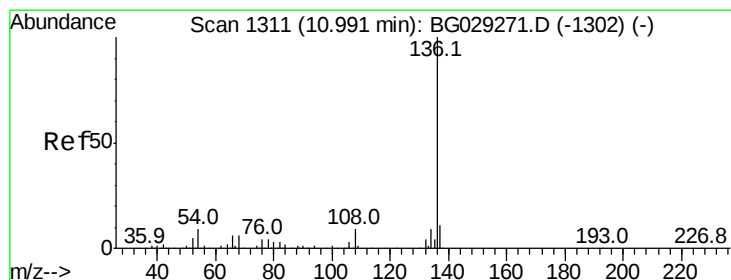
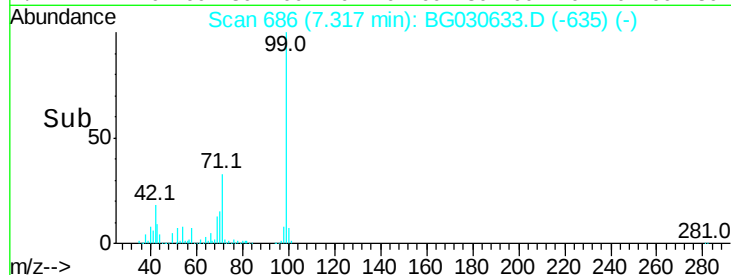
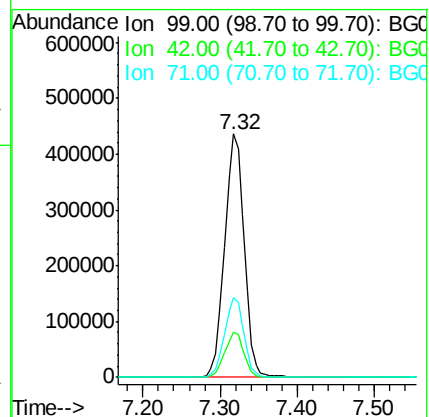
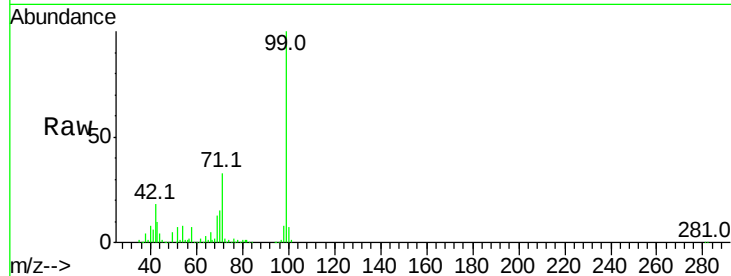
Tot Ion: 99 Resp: 766175

Ion Ratio Lower Upper

99 100

42 18.4 14.1 21.1

71 32.9 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.97 min Scan# 1308

Delta R.T. -0.00 min

Lab File: BG030633.D

Acq: 1 Nov 2017 13:40

Tgt Ion: 136 Resp: 315325

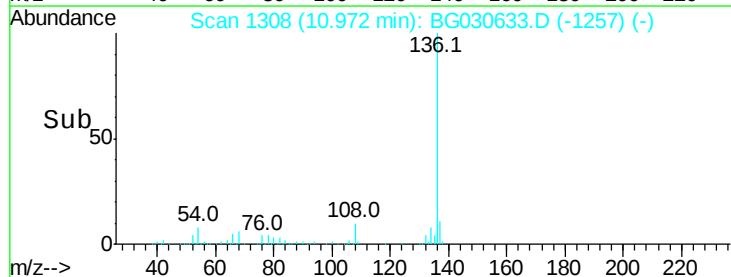
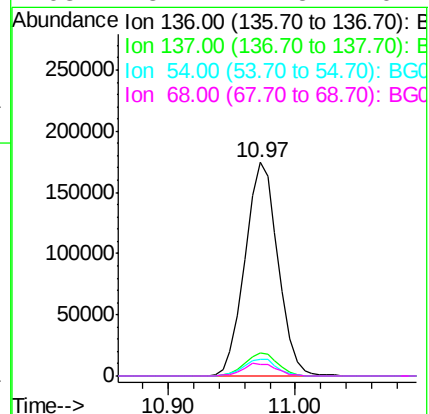
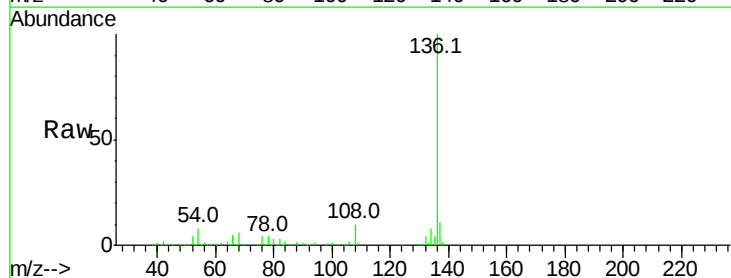
Ion Ratio Lower Upper

136 100

137 11.1 9.2 13.8

54 8.0 10.3 15.5#

68 5.7 4.5 6.7

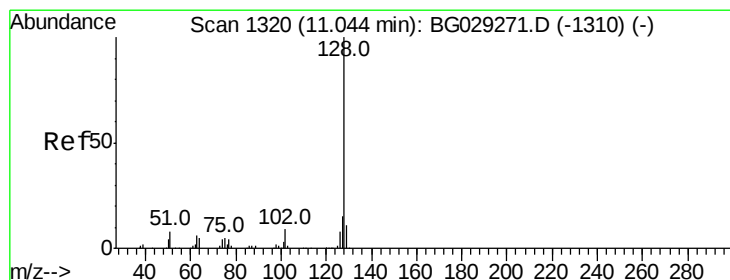
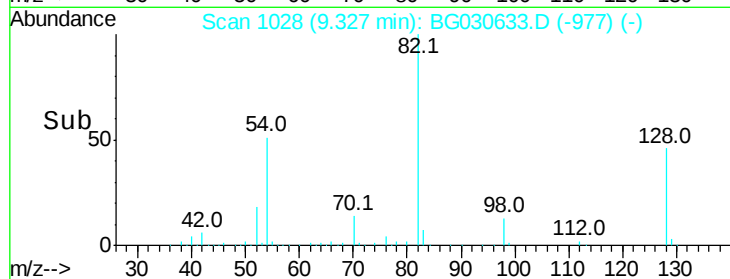
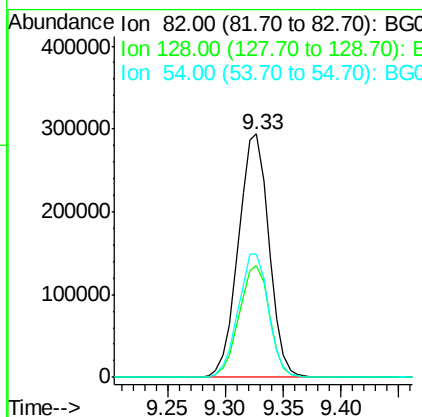
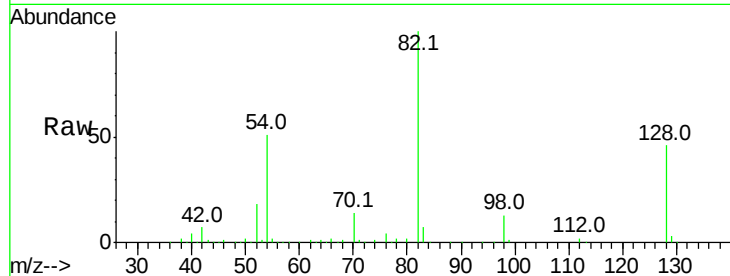




#23
 Nitrobenzene-d5
 Concen: 109.053 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.00 min
 Lab File: BG030633.D
 Acq: 1 Nov 2017 13:40

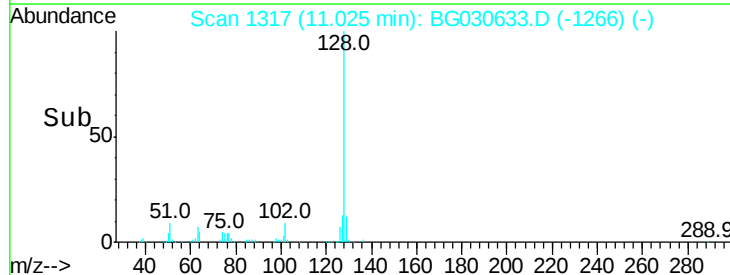
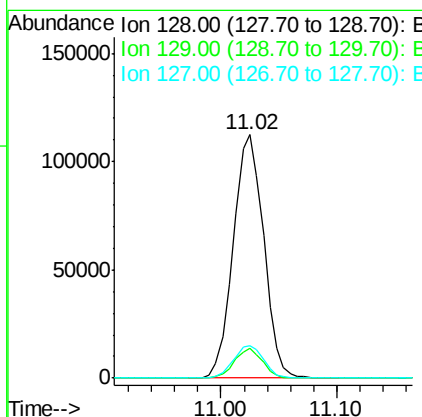
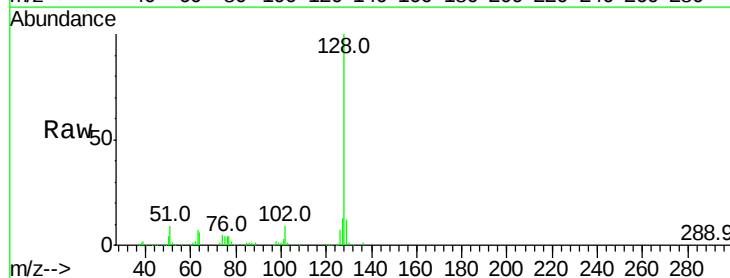
Instrument :
 BNA_G
 ClientSampleId :
 OR-01-102717

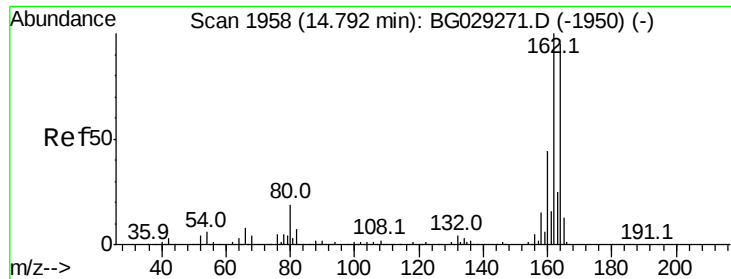
Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	29.7	44.5#
54	50.8	43.1	64.7



#31
 Naphthalene
 Concen: 13.026 ng
 RT: 11.02 min Scan# 1317
 Delta R.T. -0.00 min
 Lab File: BG030633.D
 Acq: 1 Nov 2017 13:40

Tgt Ion	Ratio	Lower	Upper
128	100		
129	12.2	8.6	12.8
127	13.4	11.6	17.4





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.77 min Scan# 1955

Delta R.T. -0.00 min

Lab File: BG030633.D

Acq: 1 Nov 2017 13:40

Instrument :

BNA_G

ClientSampleId :

OR-01-102717

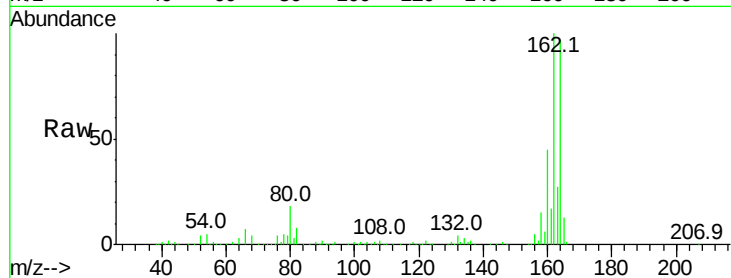
Tot Ion:164 Resp: 200630

Ion Ratio Lower Upper

164 100

162 103.4 78.8 118.2

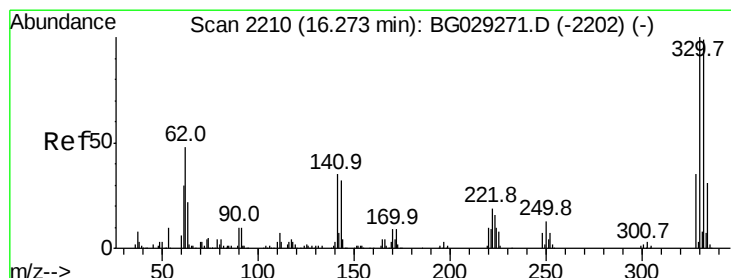
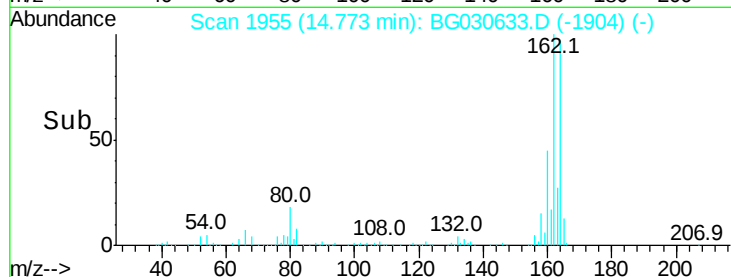
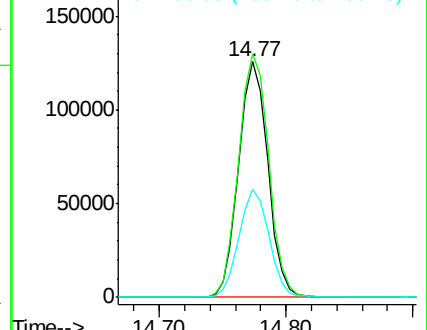
160 46.0 35.4 53.0



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: 177.020 ng

RT: 16.26 min Scan# 2208

Delta R.T. -0.00 min

Lab File: BG030633.D

Acq: 1 Nov 2017 13:40

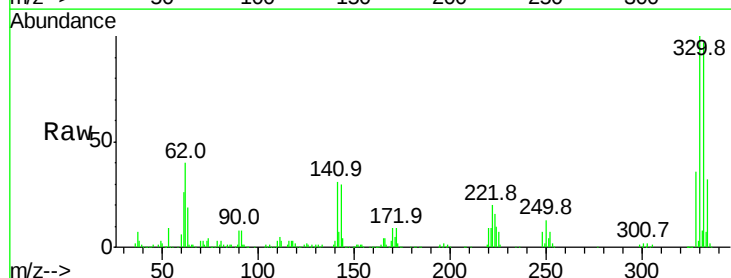
Tgt Ion:330 Resp: 458542

Ion Ratio Lower Upper

330 100

332 97.5 77.0 115.6

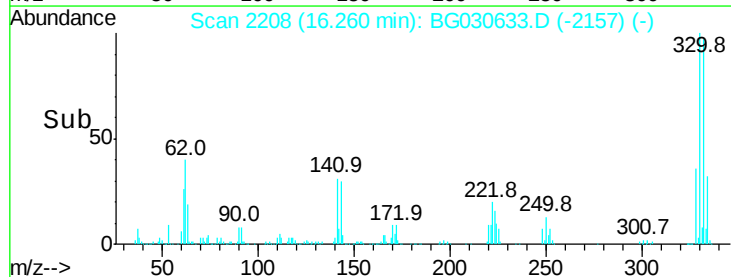
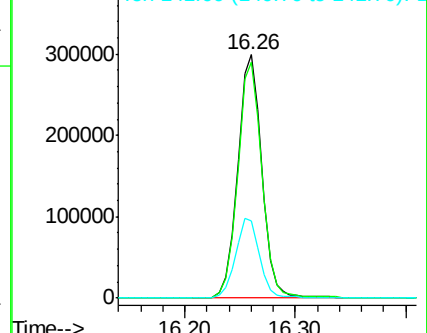
141 32.8 25.2 37.8

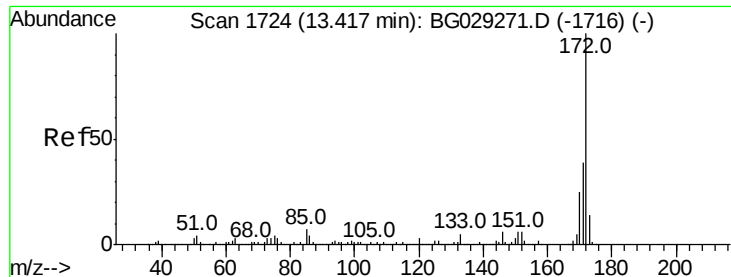


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

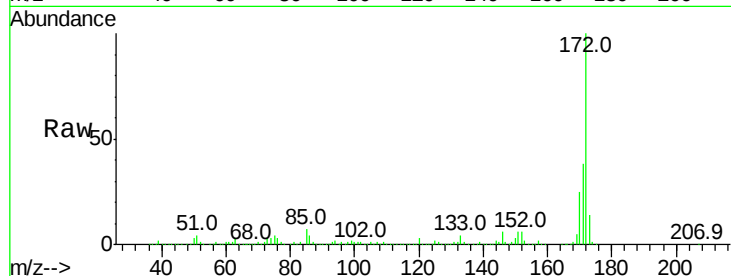




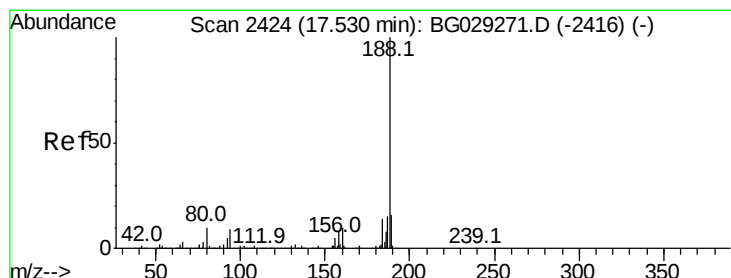
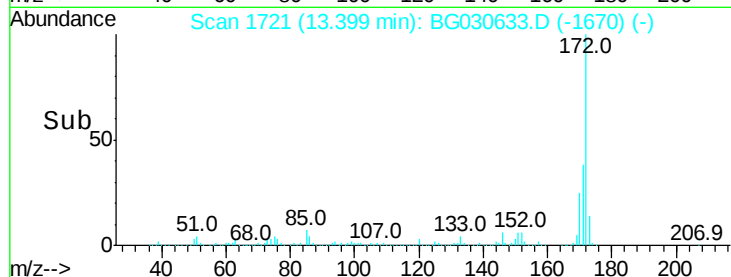
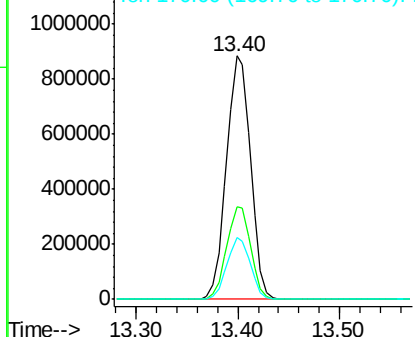
#44
2-Fluorobiphenyl
Concen: 106.621 ng
RT: 13.40 min Scan# 1721
Delta R.T. -0.00 min
Lab File: BG030633.D
Acq: 1 Nov 2017 13:40

Instrument :
BNA_G
ClientSampleId :
OR-01-102717

Tot Ion:172 Resp: 1458510
Ion Ratio Lower Upper
172 100
171 38.0 30.0 45.0
170 25.3 19.5 29.3

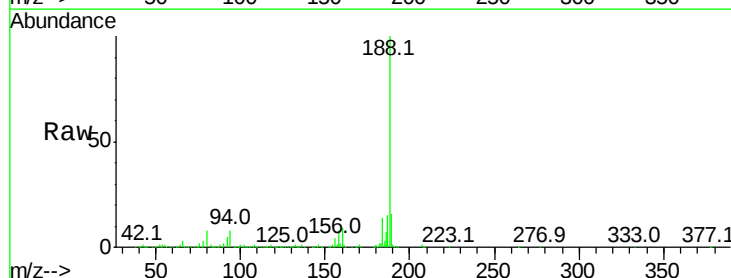


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

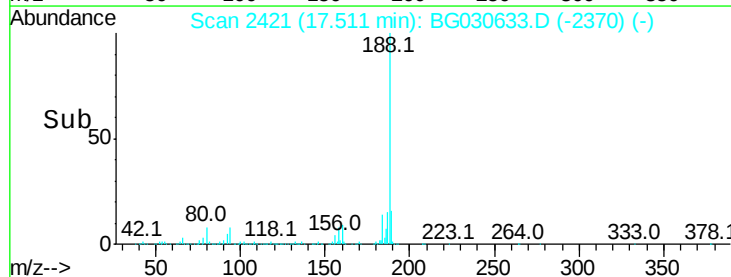
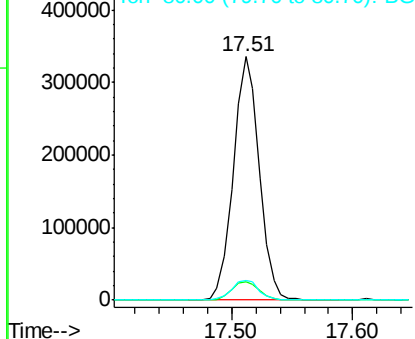


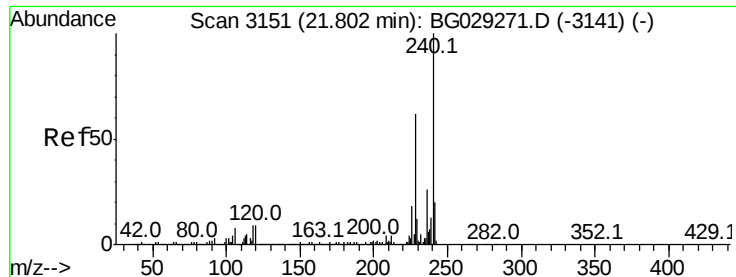
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.51 min Scan# 2421
Delta R.T. -0.00 min
Lab File: BG030633.D
Acq: 1 Nov 2017 13:40

Tgt Ion:188 Resp: 500207
Ion Ratio Lower Upper
188 100
94 7.7 6.9 10.3
80 8.2 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: 21.78 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG030633.D

Acq: 1 Nov 2017 13:40

Instrument :

BNA_G

ClientSampleId :

OR-01-102717

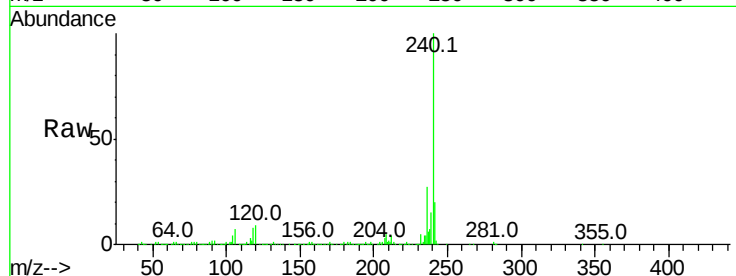
Tot Ion:240 Resp: 533493

Ion Ratio Lower Upper

240 100

120 9.2 6.8 10.2

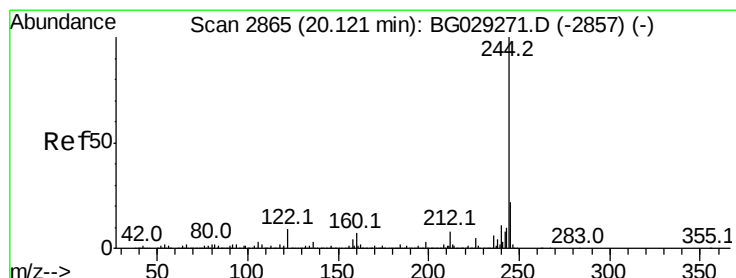
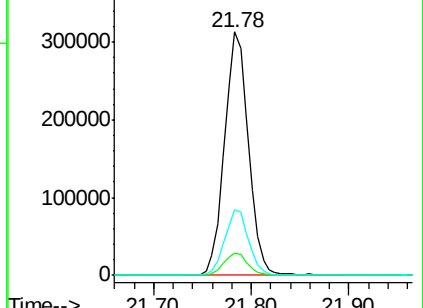
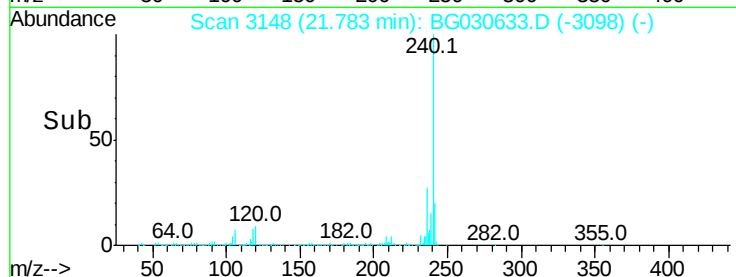
236 27.1 20.9 31.3



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: 97.390 ng

RT: 20.10 min Scan# 2862

Delta R.T. -0.00 min

Lab File: BG030633.D

Acq: 1 Nov 2017 13:40

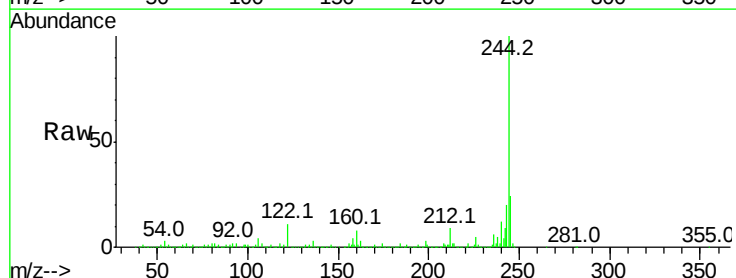
Tgt Ion:244 Resp: 2283882

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

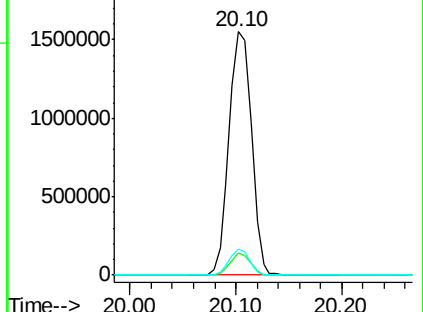
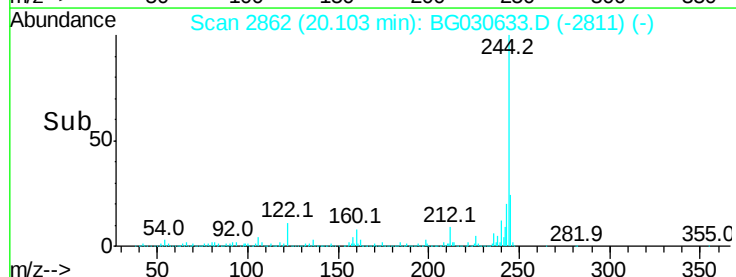
122 10.7 7.0 10.4#

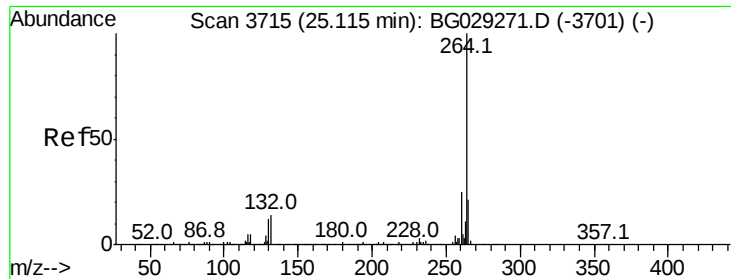


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

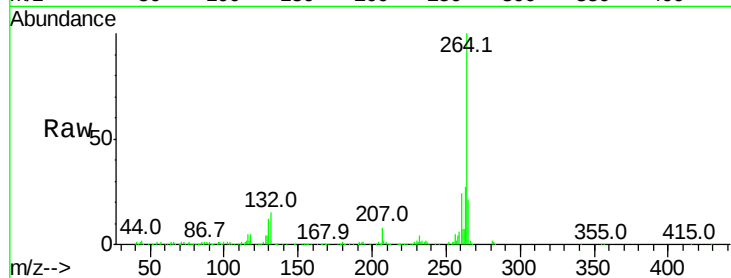




#86
 Pervlene-d12
 Concen: 20.000 ng
 RT: 25.10 min Scan# 3712
 Delta R.T. -0.00 min
 Lab File: BG030633.D
 Acq: 1 Nov 2017 13:40

Instrument :
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 OR-01-102717

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.3	17.4	26.0
265	20.7	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

