

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
 Data File : BG037802.D
 Acq On : 5 Nov 2018 14:32
 Operator : JU/SJ
 Sample : J5692-20
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CAL-IDW-20181025

Quant Time: Nov 05 16:01:12 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 05 13:45:11 2018
 Response via : Initial Calibration

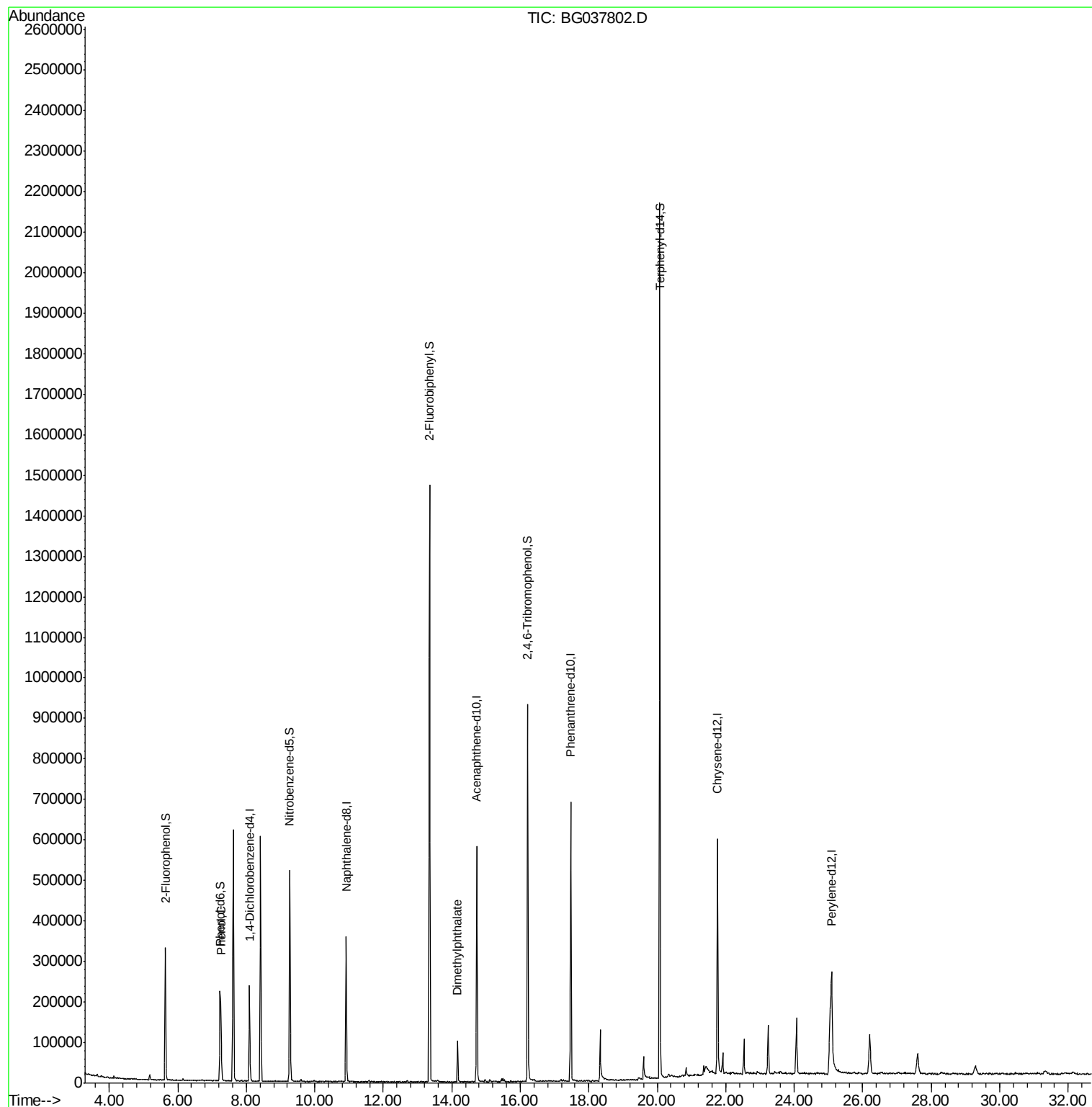
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	72972	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	327794	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	209429	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	446855	20.00	ng	0.00
76) Chrysene-d12	21.76	240	402227	20.00	ng	0.00
87) Perylene-d12	25.09	264	355919	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	156149	35.78	ng	0.00
7) Phenol-d6	7.24	99	139727	21.17	ng	0.00
23) Nitrobenzene-d5	9.27	82	338397	57.83	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	179538	78.60	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	827840	59.61	ng	0.00
79) Terphenyl-d14	20.07	244	1094877	58.16	ng	0.00
Target Compounds						
10) Phenol	7.27	94	112991	16.226	ng	95
50) Dimethylphthalate	14.17	163	76865	4.744	ng	98

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

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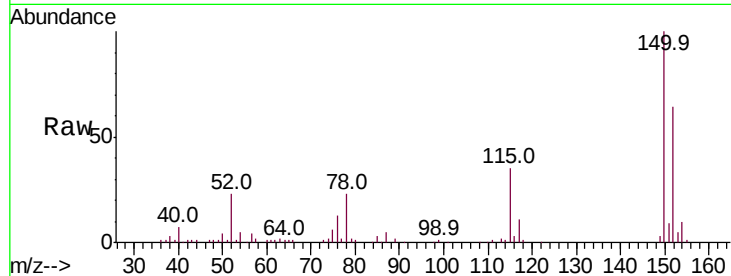


#1

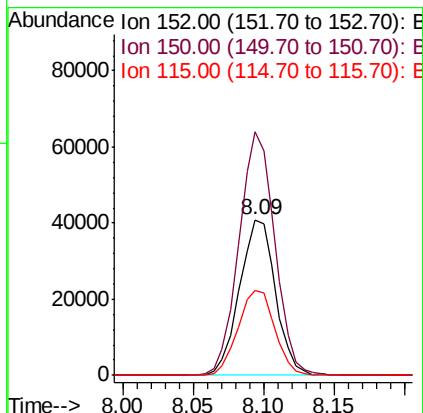
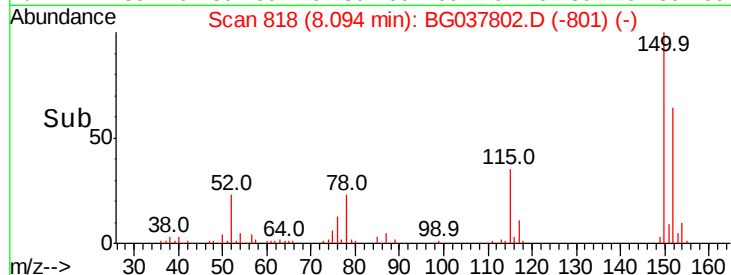
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.09 min Scan# 818
Delta R.T. -0.00 min
Lab File: BG037802.D
Acq: 5 Nov 2018 14:32

Instrument :
BNA_G
ClientSampleId :
CAL-IDW-20181025

Tot Ion:152 Resp: 72972
Ion Ratio Lower Upper
152 100
150 156.1 126.0 189.0
115 54.5 45.5 68.3



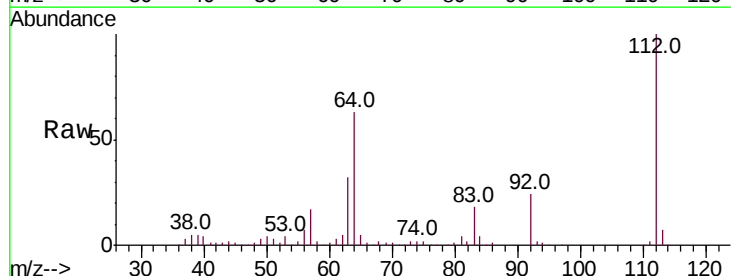
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



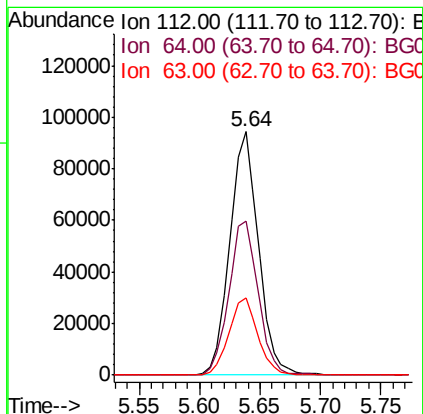
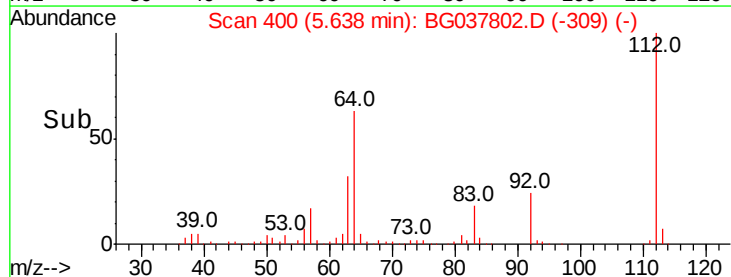
#5

2-Fluorophenol
Concen: 35.775 ng
RT: 5.64 min Scan# 400
Delta R.T. 0.00 min
Lab File: BG037802.D
Acq: 5 Nov 2018 14:32

Tgt Ion:112 Resp: 156149
Ion Ratio Lower Upper
112 100
64 63.0 53.1 79.7
63 31.9 27.3 40.9



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: 21.171 ng

RT: 7.24 min Scan# 672

Delta R.T. -0.00 min

Lab File: BG037802.D

Acq: 5 Nov 2018 14:32

Instrument :

BNA_G

ClientSampleId :

CAL-IDW-20181025

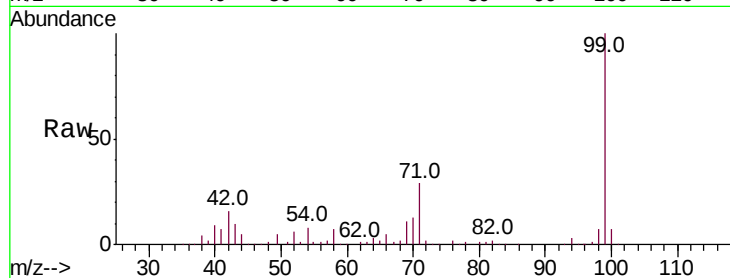
Tot Ion: 99 Resp: 139727

Ion Ratio Lower Upper

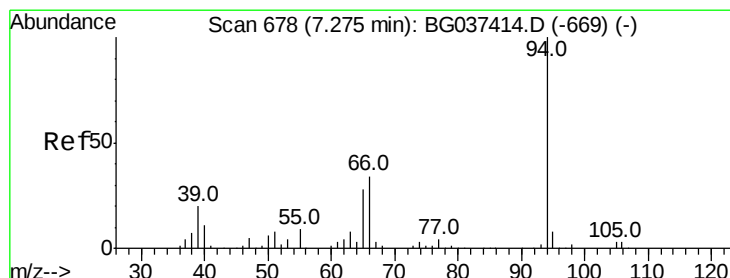
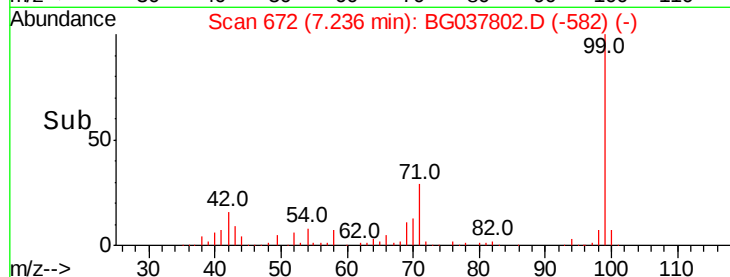
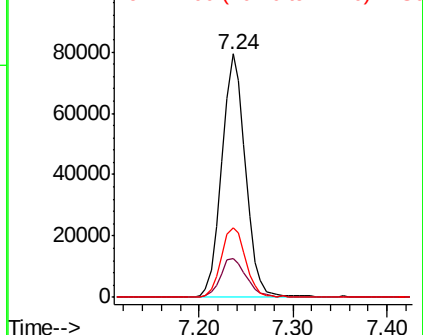
99 100

42 16.0 15.0 22.4

71 28.5 25.5 38.3



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: 16.226 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG037802.D

Acq: 5 Nov 2018 14:32

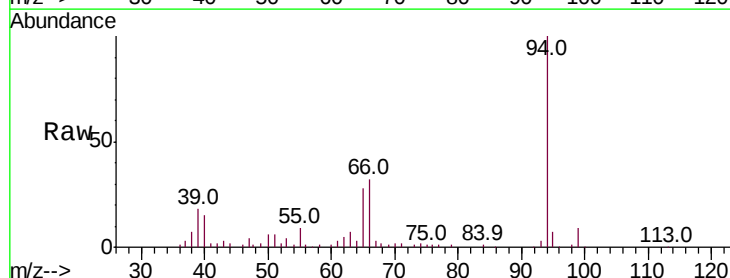
Tgt Ion: 94 Resp: 112991

Ion Ratio Lower Upper

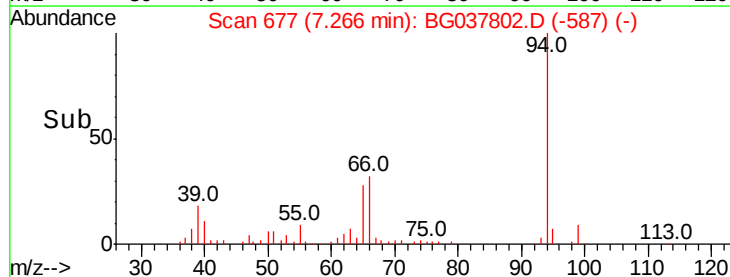
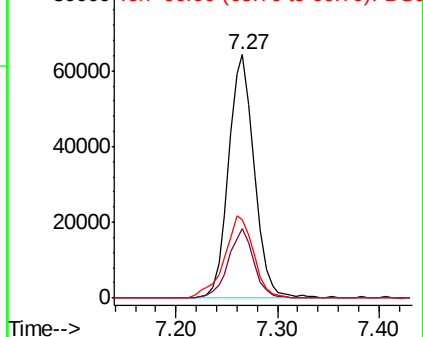
94 100

65 28.3 9.7 49.7

66 32.3 15.9 55.9



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

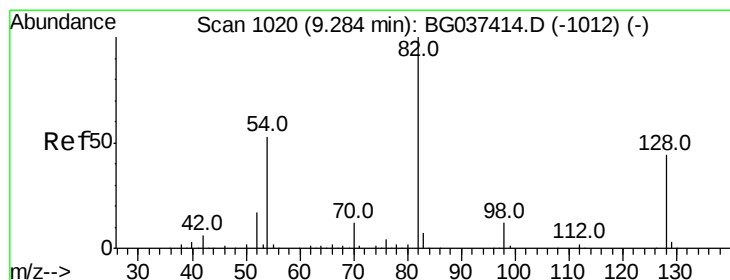
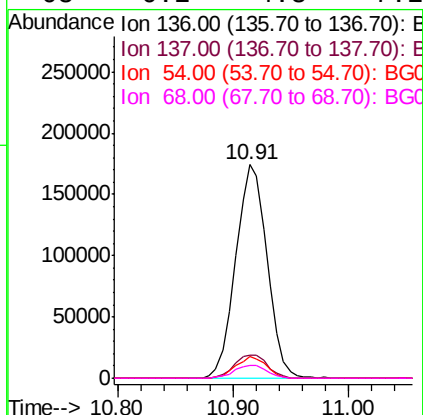
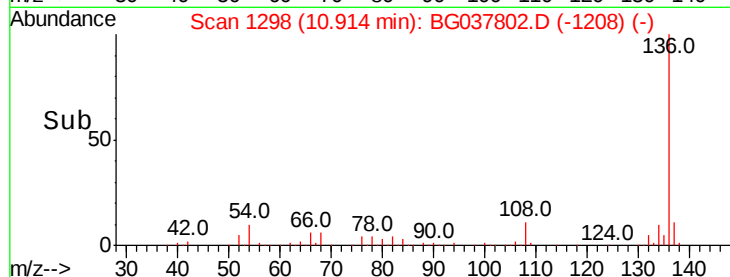
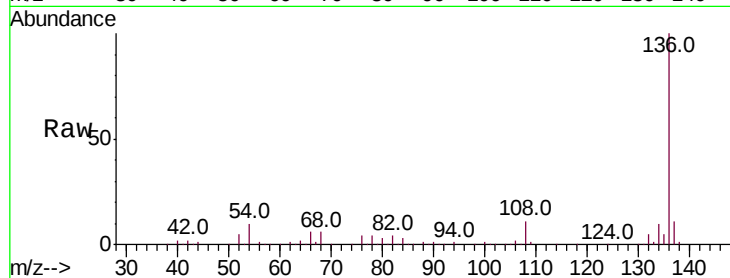




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.91 min Scan# 1298
Delta R.T. -0.00 min
Lab File: BG037802.D
Acq: 5 Nov 2018 14:32

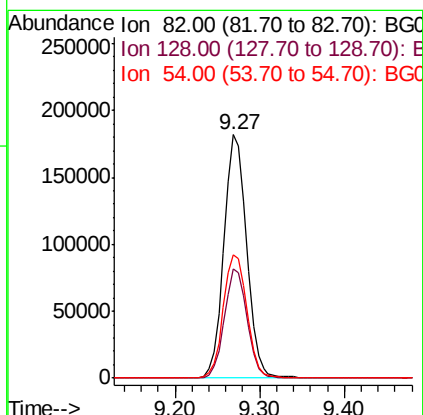
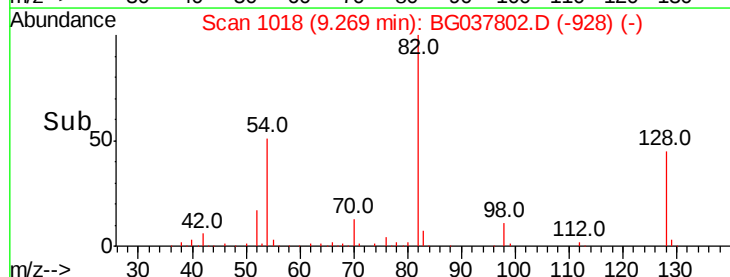
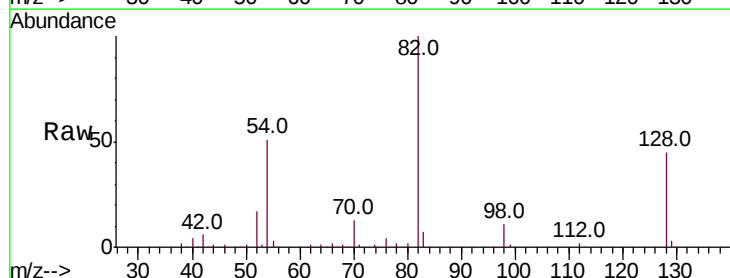
Instrument :
BNA_G
ClientSampleId :
CAL-IDW-20181025

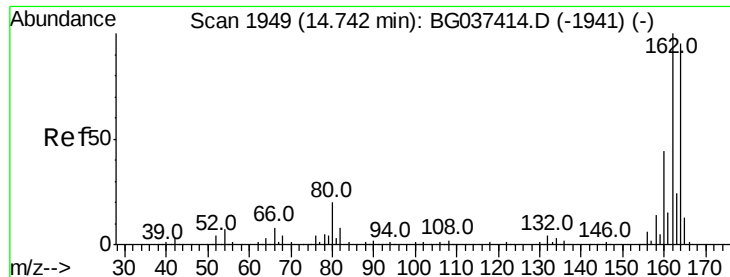
Tot Ion:	136	Resp:	327794
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.6	14.4
54	10.3	7.9	11.9
68	6.2	4.8	7.2



#23
Nitrobenzene-d5
Concen: 57.831 ng
RT: 9.27 min Scan# 1018
Delta R.T. -0.00 min
Lab File: BG037802.D
Acq: 5 Nov 2018 14:32

Tgt Ion:	82	Resp:	338397
Ion	Ratio	Lower	Upper
82	100		
128	45.0	34.6	51.8
54	50.7	45.3	67.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.73 min Scan# 1947

Delta R.T. -0.00 min

Lab File: BG037802.D

Acq: 5 Nov 2018 14:32

Instrument :

BNA_G

ClientSampleId :

CAL-IDW-20181025

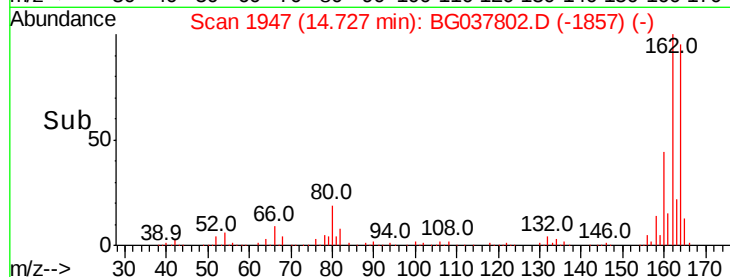
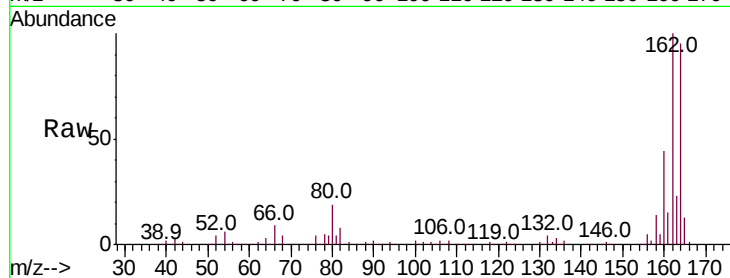
Tot Ion:164 Resp: 209429

Ion Ratio Lower Upper

164 100

162 105.4 81.3 121.9

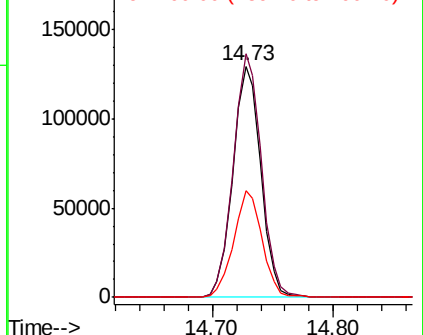
160 46.0 36.3 54.5



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



#42

2,4,6-Tribromophenol

Concen: 78.599 ng

RT: 16.21 min Scan# 2200

Delta R.T. -0.00 min

Lab File: BG037802.D

Acq: 5 Nov 2018 14:32

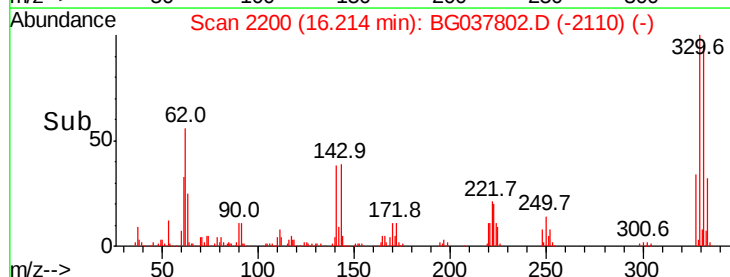
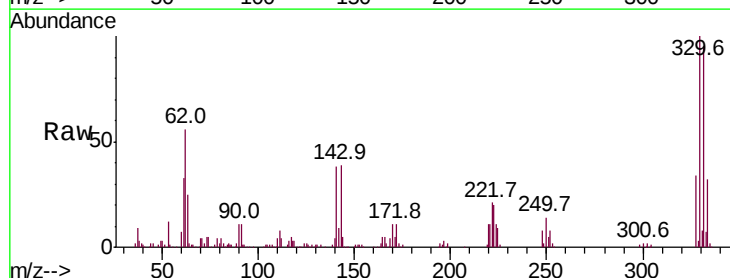
Tgt Ion:330 Resp: 179538

Ion Ratio Lower Upper

330 100

332 95.4 78.4 117.6

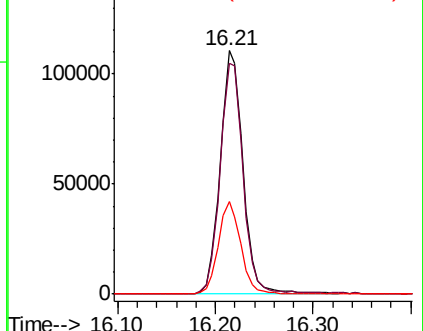
141 37.4 32.2 48.2



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

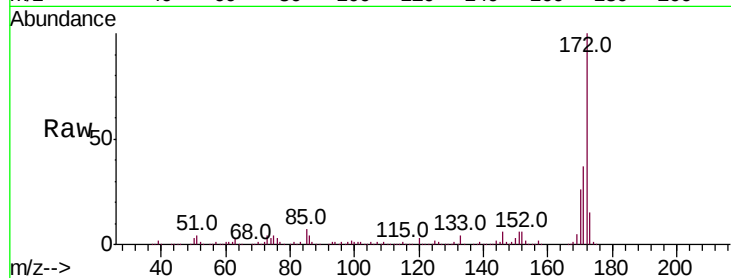




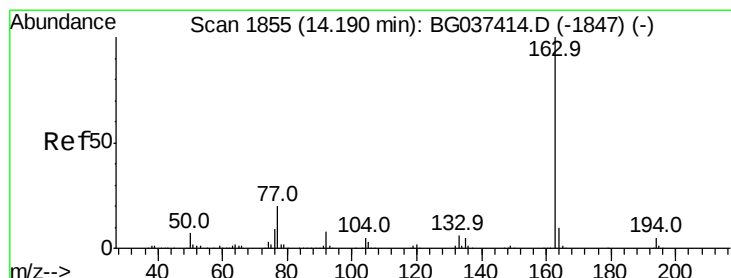
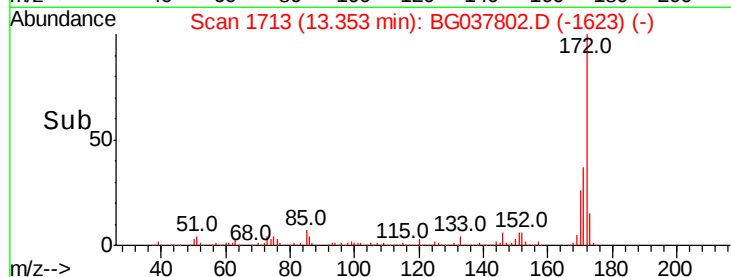
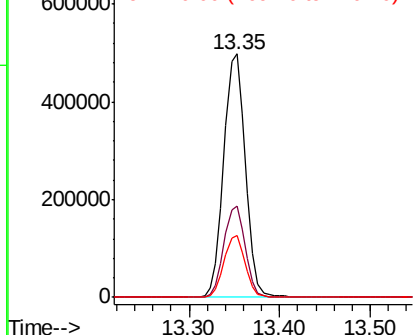
#45
2-Fluorobiphenyl
Concen: 59.607 ng
RT: 13.35 min Scan# 1713
Delta R.T. -0.00 min
Lab File: BG037802.D
Acq: 5 Nov 2018 14:32

Instrument :
BNA_G
ClientSampleId :
CAL-IDW-20181025

Tot Ion:172 Resp: 827840
Ion Ratio Lower Upper
172 100
171 37.4 31.0 46.4
170 25.6 20.2 30.2

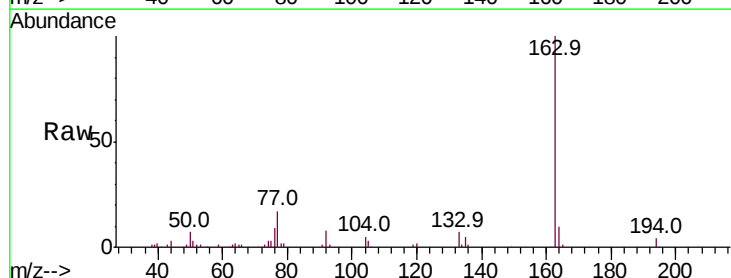


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

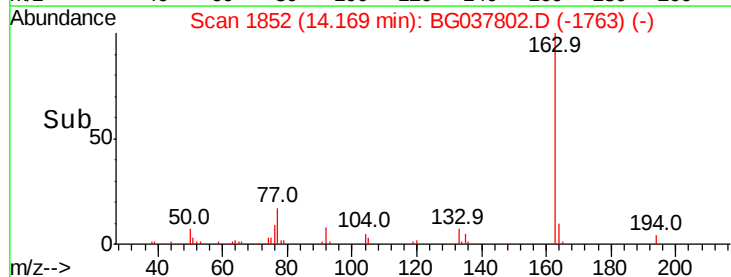
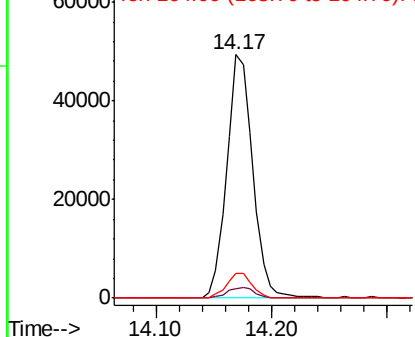


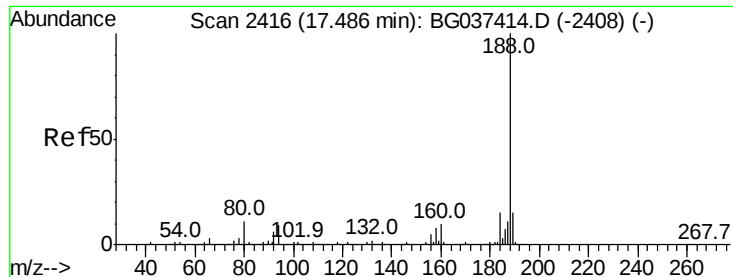
#50
Dimethylphthalate
Concen: 4.744 ng
RT: 14.17 min Scan# 1852
Delta R.T. -0.01 min
Lab File: BG037802.D
Acq: 5 Nov 2018 14:32

Tgt Ion:163 Resp: 76865
Ion Ratio Lower Upper
163 100
194 3.7 3.5 5.3
164 9.9 8.5 12.7



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

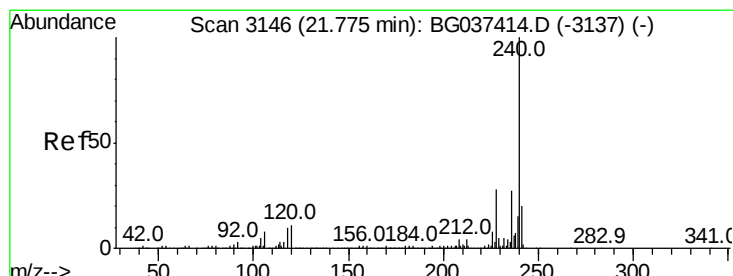
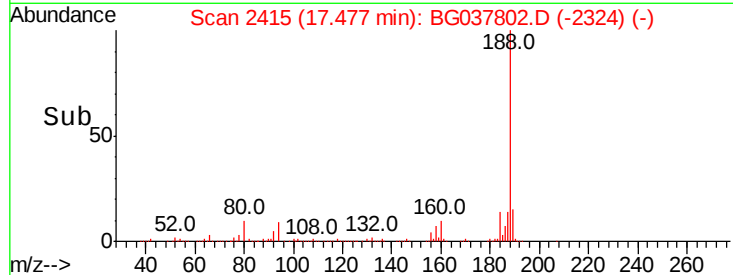
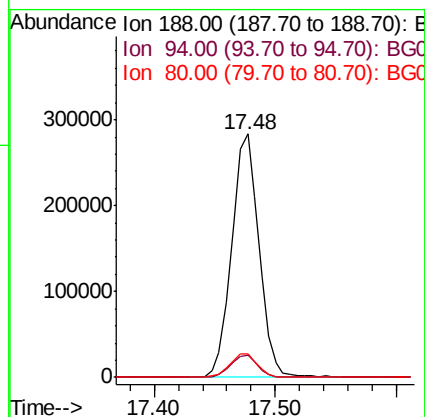
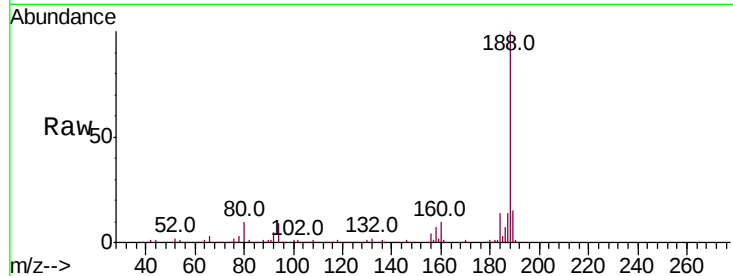




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2415
Delta R.T. 0.00 min
Lab File: BG037802.D
Acq: 5 Nov 2018 14:32

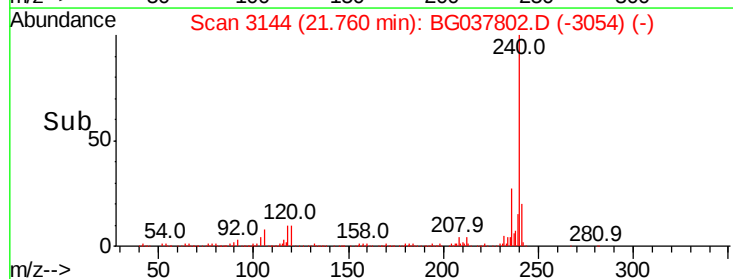
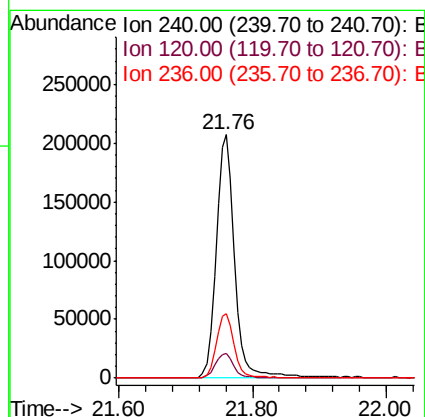
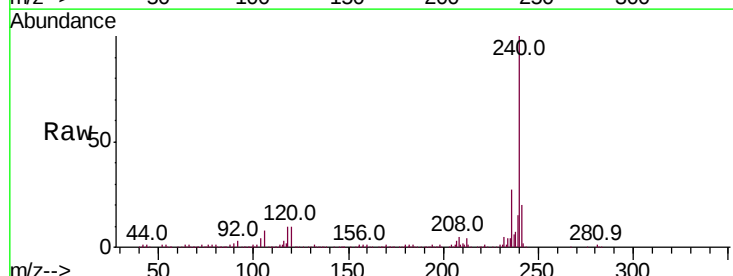
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CAL-IDW-20181025

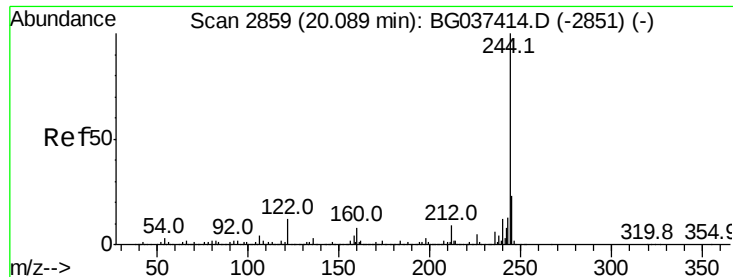
Tot Ion:188 Resp: 446855
Ion Ratio Lower Upper
188 100
94 9.0 7.2 10.8
80 9.7 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.00 min
Lab File: BG037802.D
Acq: 5 Nov 2018 14:32

Tgt Ion:240 Resp: 402227
Ion Ratio Lower Upper
240 100
120 10.2 8.1 12.1
236 26.7 21.4 32.0





#79

Terphenyl-d14

Concen: 58.164 ng

RT: 20.07 min Scan# 2857

Delta R.T. -0.00 min

Lab File: BG037802.D

Acq: 5 Nov 2018 14:32

Instrument :

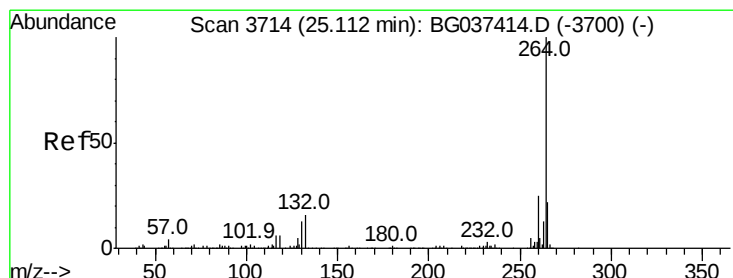
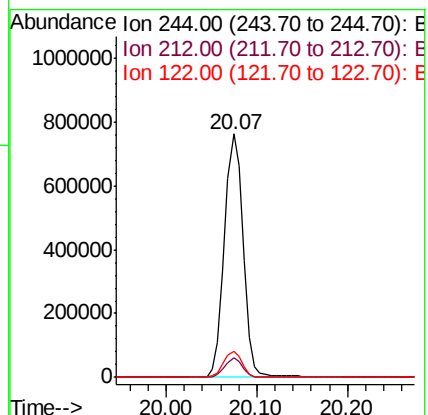
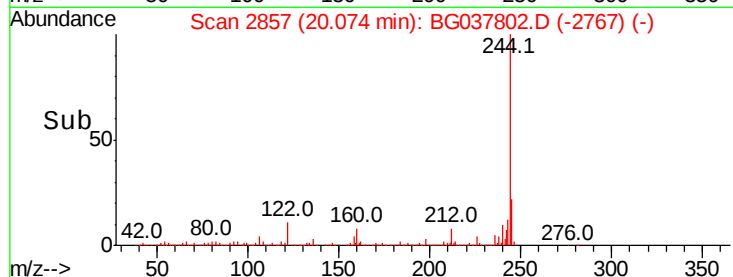
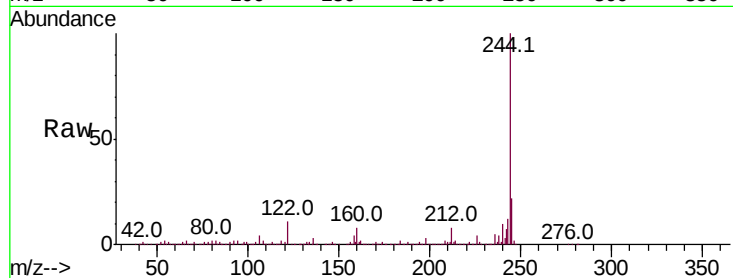
BNA_G

ClientSampleId :

CAL-IDW-20181025

Tot Ion:244 Resp: 1094877

Ion	Ratio	Lower	Upper
244	100		
212	8.0	6.5	9.7
122	10.6	9.0	13.4



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.09 min Scan# 3711

Delta R.T. 0.00 min

Lab File: BG037802.D

Acq: 5 Nov 2018 14:32

Tgt Ion:264 Resp: 355919

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.2	27.4
265	22.2	17.9	26.9

