

Data Path : Z:\HPCHEM1\BNA G\DATA\BG031418\
 Data File : BG033166.D
 Acq On : 15 Mar 2018 5:08
 Operator : SJ/JU
 Sample : J1754-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-031318-B

Quant Time: Mar 15 06:39:43 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG022118.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 14 13:59:34 2018
 Response via : Initial Calibration

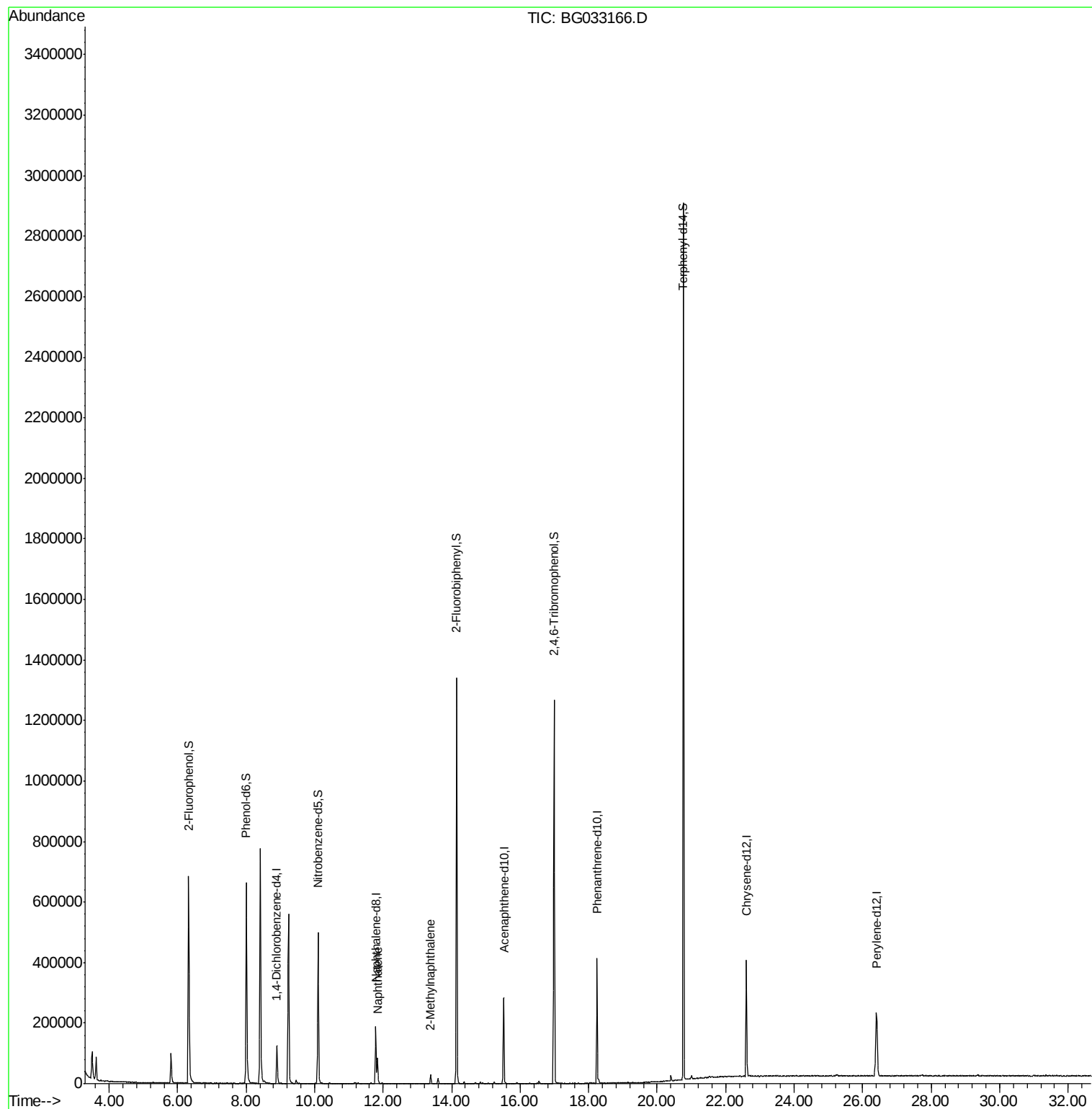
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.89	152	39543	20.00	ng	0.00
21) Naphthalene-d8	11.78	136	174639	20.00	ng	0.00
38) Acenaphthene-d10	15.51	164	101378	20.00	ng	0.00
63) Phenanthrene-d10	18.25	188	256406	20.00	ng	0.00
75) Chrysene-d12	22.60	240	248904	20.00	ng	0.00
86) Perylene-d12	26.40	264	260420	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.31	112	357112	144.48	ng	0.00
7) Phenol-d6	8.01	99	431508	125.25	ng	0.00
23) Nitrobenzene-d5	10.10	82	324659	123.88	ng	0.00
41) 2,4,6-Tribromophenol	16.99	330	247211	231.92	ng	0.00
44) 2-Fluorobiphenyl	14.14	172	709193	100.89	ng	0.00
78) Terphenyl-d14	20.77	244	1322011	119.33	ng	0.00
Target Compounds						
31) Naphthalene	11.84	128	77213	8.461	ng	98
37) 2-Methylnaphthalene	13.39	142	15655	2.371	ng	97

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

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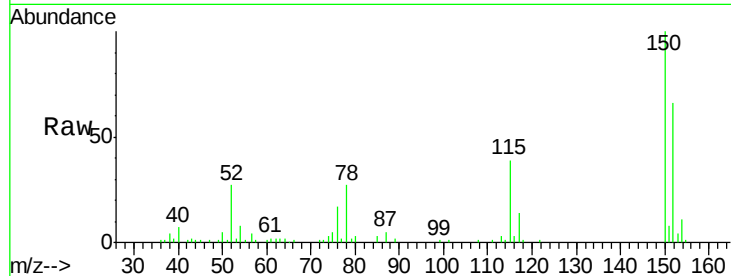


#1

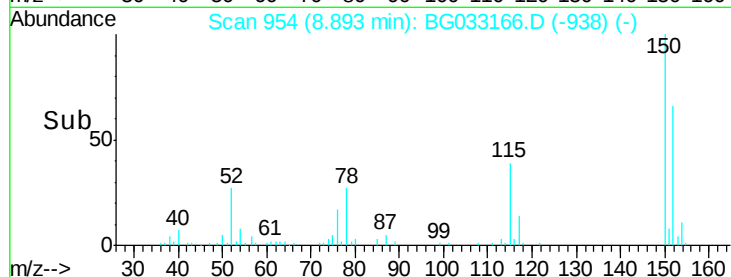
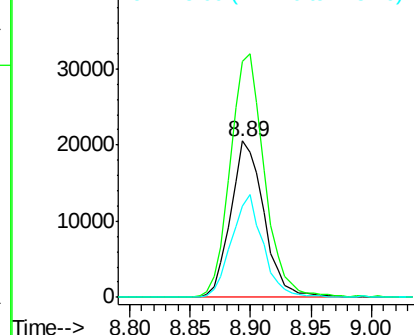
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.89 min Scan# 954
Delta R.T. -0.00 min
Lab File: BG033166.D
Acq: 15 Mar 2018 5:08

Instrument :
BNA_G
ClientSampleId :
CL-01-031318-B

Tot Ion:152 Resp: 39543
Ion Ratio Lower Upper
152 100
150 151.4 126.6 189.8
115 58.7 53.0 79.4



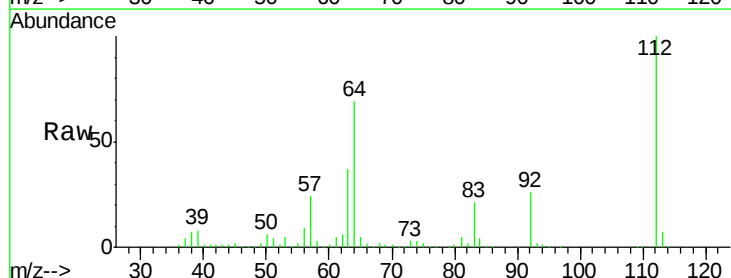
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



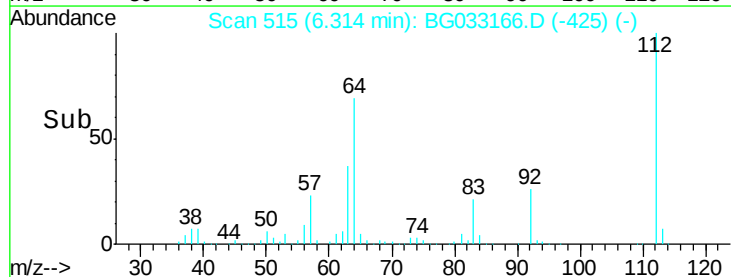
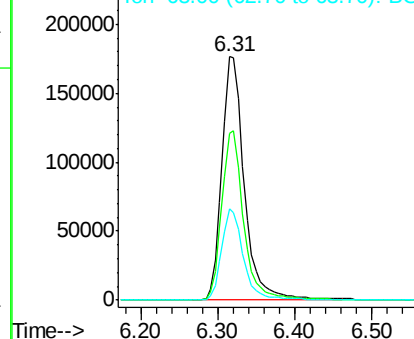
#5

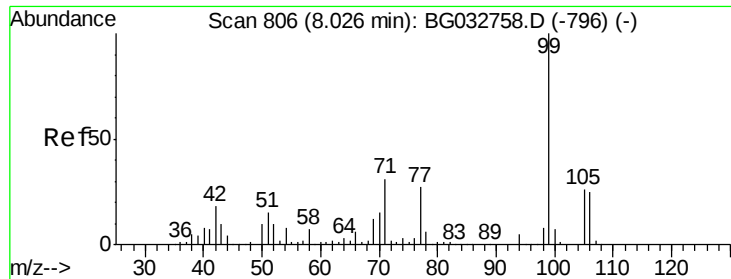
2-Fluorophenol
Concen: 144.483 ng
RT: 6.31 min Scan# 515
Delta R.T. -0.00 min
Lab File: BG033166.D
Acq: 15 Mar 2018 5:08

Tgt Ion:112 Resp: 357112
Ion Ratio Lower Upper
112 100
64 68.5 56.3 84.5
63 37.5 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: 125.251 ng

RT: 8.01 min Scan# 803

Delta R.T. -0.00 min

Lab File: BG033166.D

Acq: 15 Mar 2018 5:08

Instrument :

BNA_G

ClientSampleId :

CL-01-031318-B

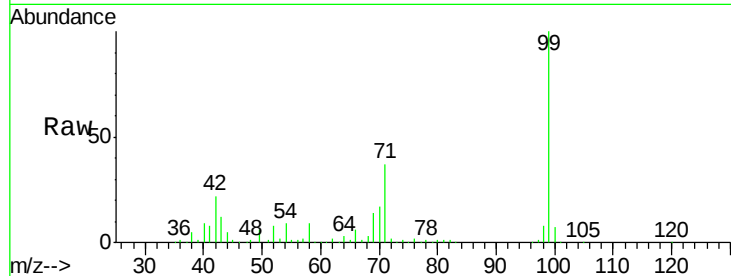
Tot Ion: 99 Resp: 431508

Ion Ratio Lower Upper

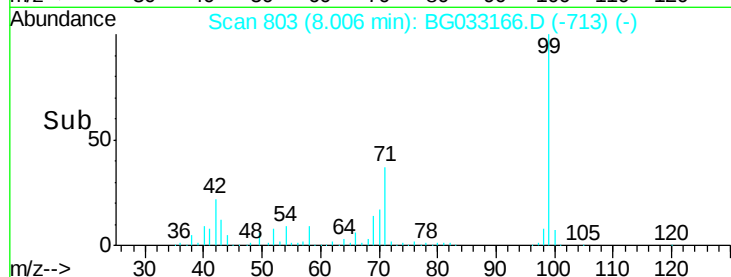
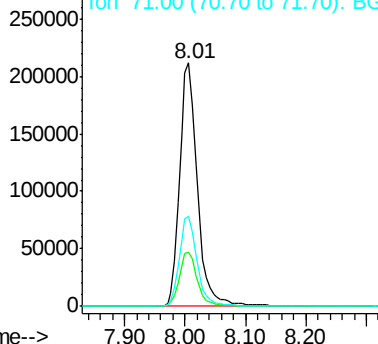
99 100

42 22.4 14.1 21.1#

71 36.9 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



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.78 min Scan# 1446

Delta R.T. -0.00 min

Lab File: BG033166.D

Acq: 15 Mar 2018 5:08

Tgt Ion: 136 Resp: 174639

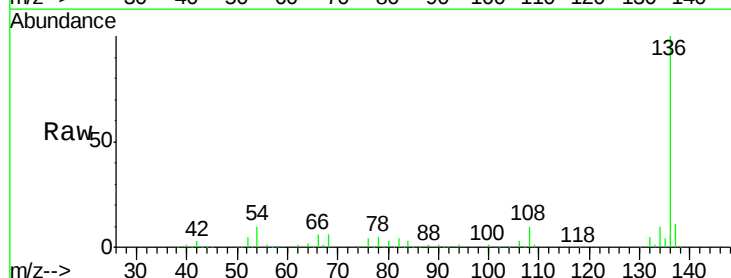
Ion Ratio Lower Upper

136 100

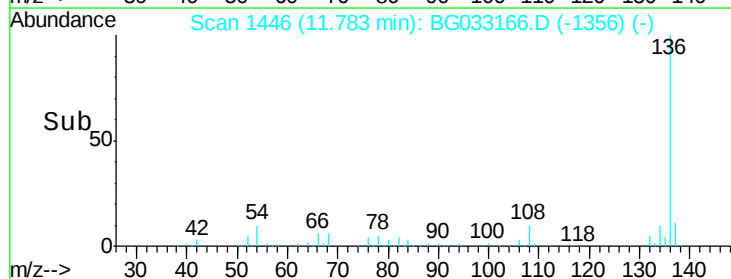
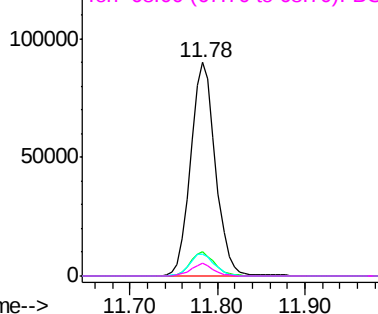
137 11.1 9.2 13.8

54 10.0 10.3 15.5#

68 5.9 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

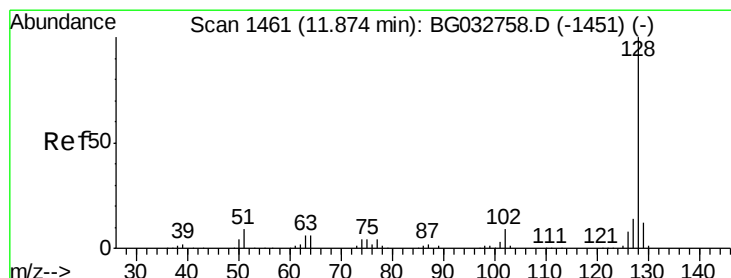
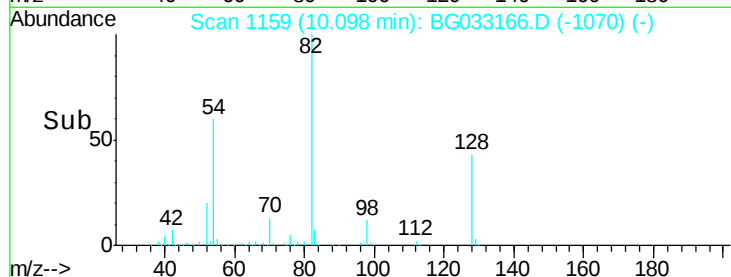
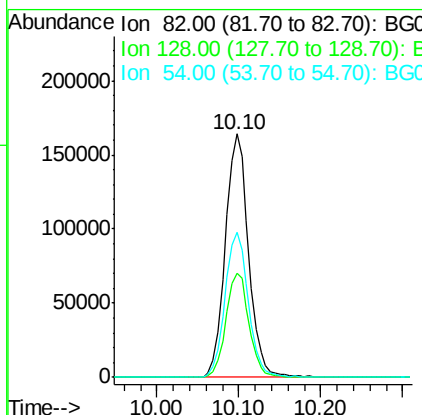
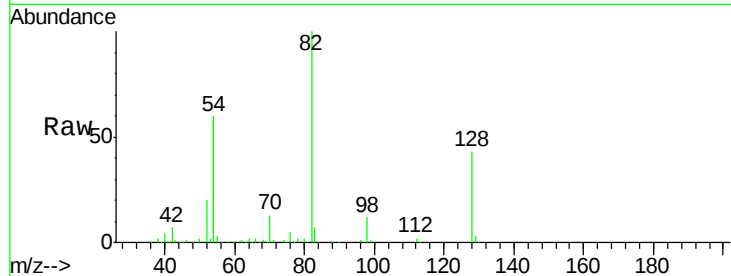




#23
 Nitrobenzene-d5
 Concen: 123.875 ng
 RT: 10.10 min Scan# 1159
 Delta R.T. -0.00 min
 Lab File: BG033166.D
 Acq: 15 Mar 2018 5:08

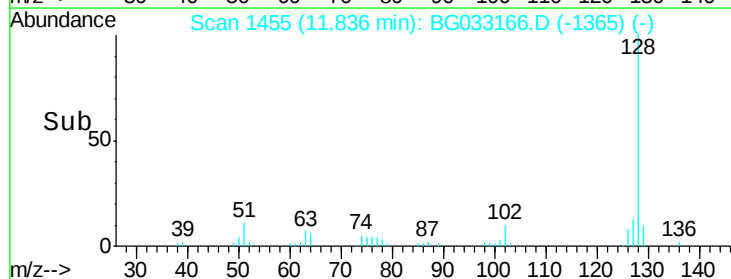
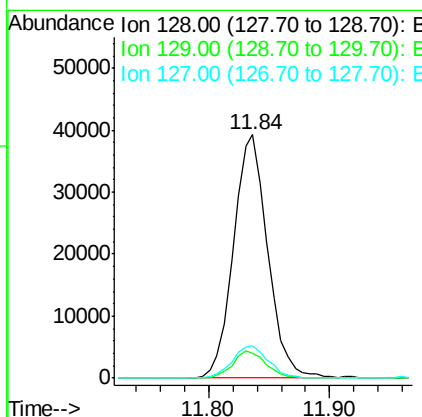
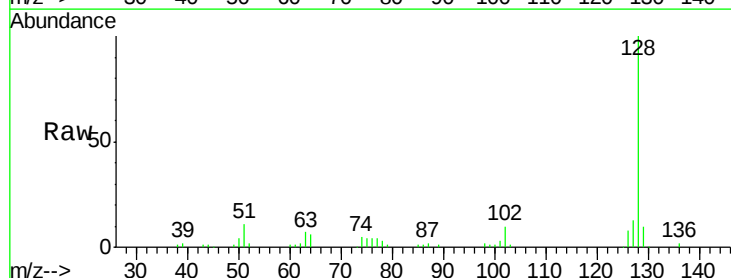
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-031318-B

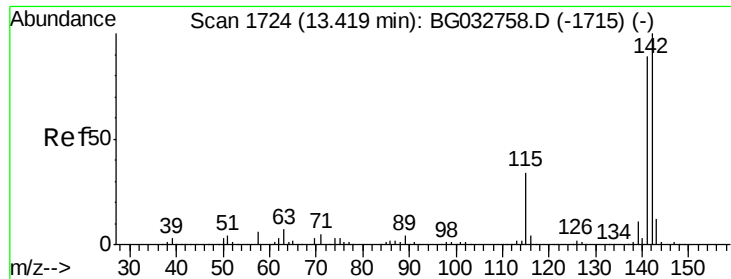
Tot Ion	82	Resp	324659
Ion Ratio	Lower	Upper	
82	100		
128	42.9	29.7	44.5
54	59.8	43.1	64.7



#31
 Naphthalene
 Concen: 8.461 ng
 RT: 11.84 min Scan# 1455
 Delta R.T. -0.00 min
 Lab File: BG033166.D
 Acq: 15 Mar 2018 5:08

Tgt Ion	128	Resp	77213
Ion Ratio	Lower	Upper	
128	100		
129	10.2	8.6	12.8
127	13.3	11.6	17.4

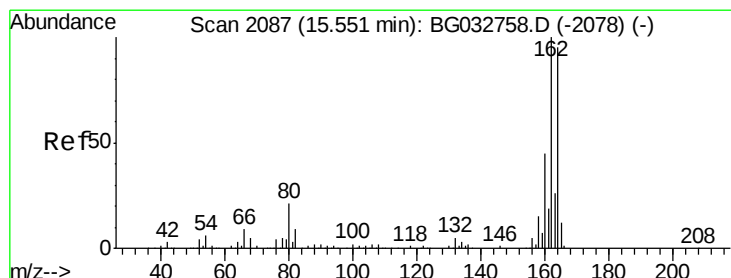
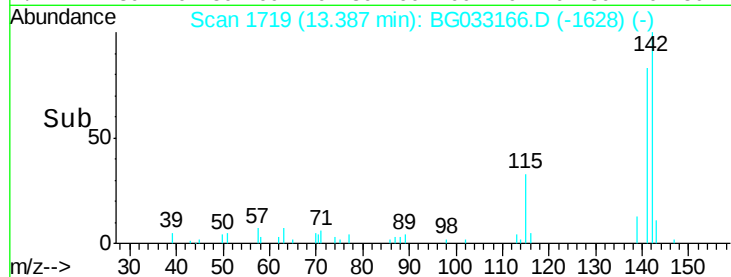
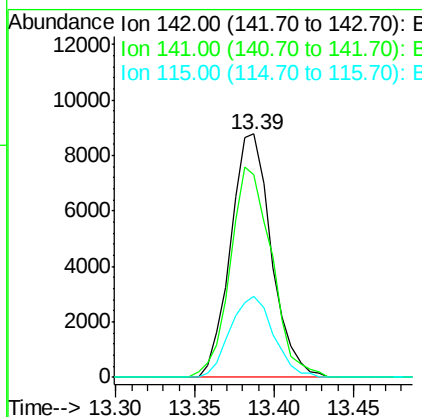
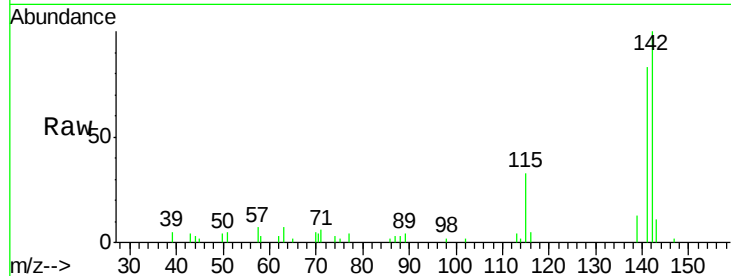




#37
2-Methylnaphthalene
Concen: 2.371 ng
RT: 13.39 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG033166.D
Acq: 15 Mar 2018 5:08

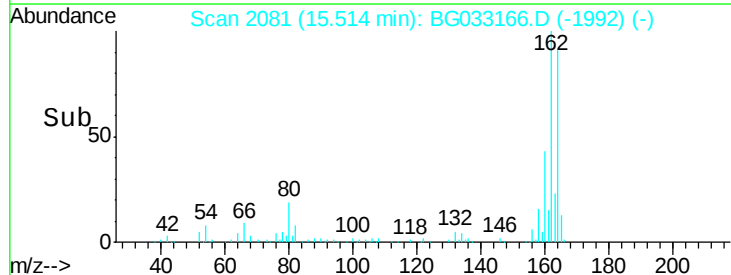
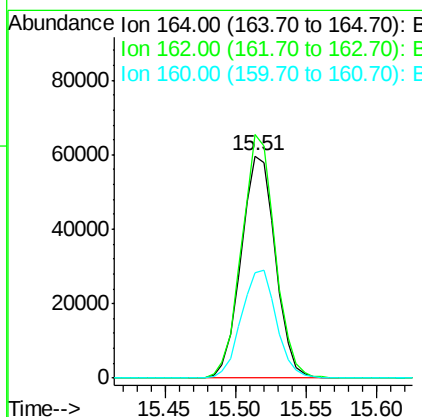
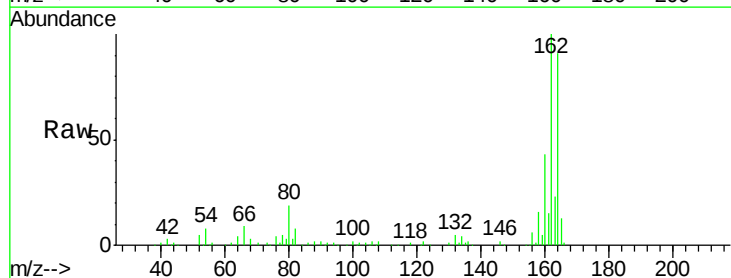
Instrument :
BNA_G
ClientSampleId :
CL-01-031318-B

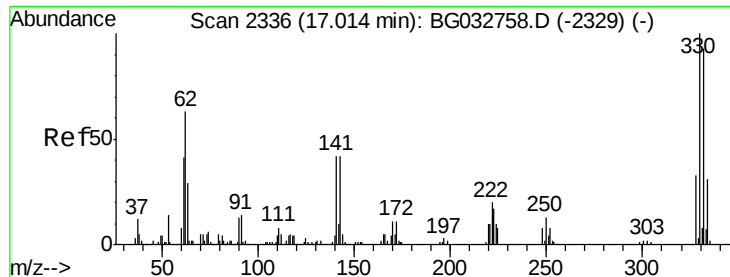
Tot Ion:142 Resp: 15655
Ion Ratio Lower Upper
142 100
141 83.5 67.1 100.7
115 33.4 30.7 46.1



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.51 min Scan# 2081
Delta R.T. -0.00 min
Lab File: BG033166.D
Acq: 15 Mar 2018 5:08

Tgt Ion:164 Resp: 101378
Ion Ratio Lower Upper
164 100
162 109.6 78.8 118.2
160 47.2 35.4 53.0

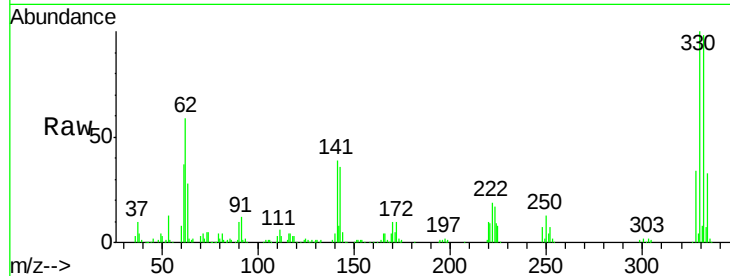




#41
 2,4,6-Tribromophenol
 Concen: 231.915 ng
 RT: 16.99 min Scan# 2332
 Delta R.T. -0.00 min
 Lab File: BG033166.D
 Acq: 15 Mar 2018 5:08

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-031318-B

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	37.9	25.2	37.8#

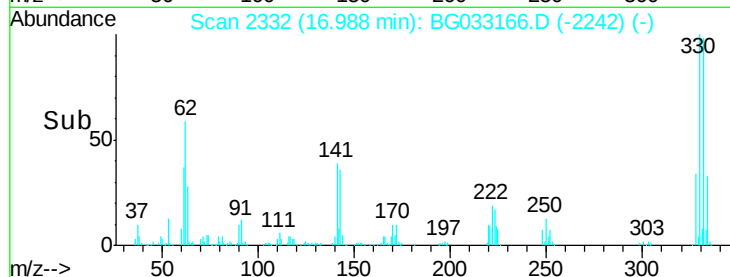
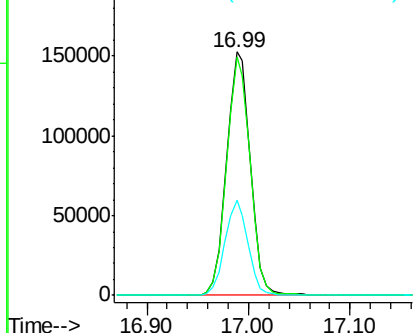


Abundance

Ion 329.80 (329.50 to 330.50): E

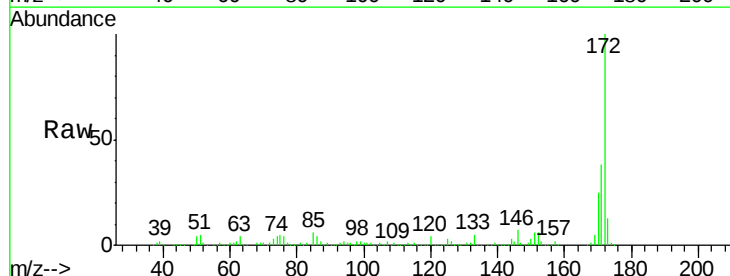
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 100.893 ng
 RT: 14.14 min Scan# 1848
 Delta R.T. 0.00 min
 Lab File: BG033166.D
 Acq: 15 Mar 2018 5:08

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.7	19.5	29.3

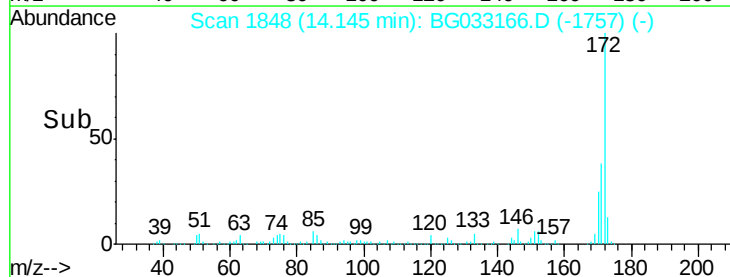
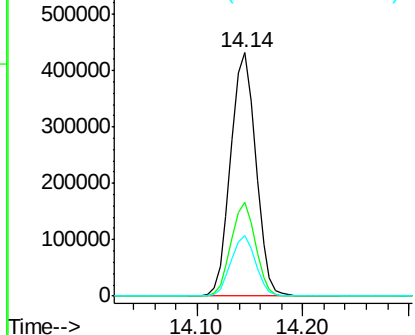


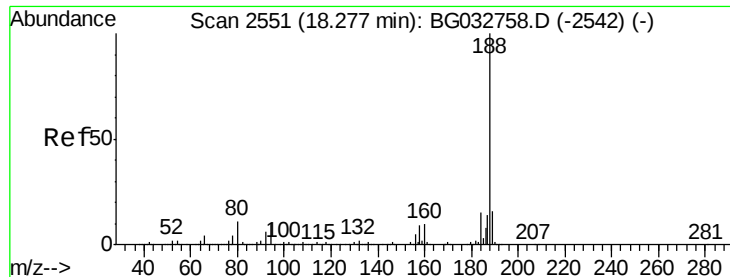
Abundance

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

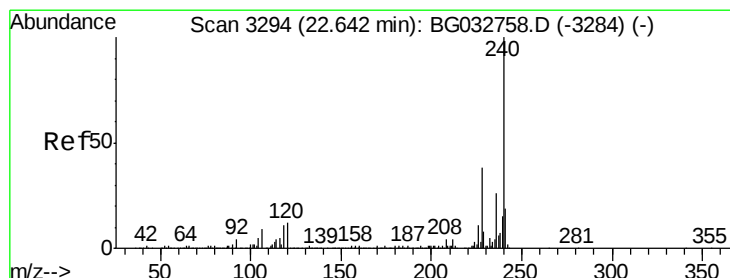
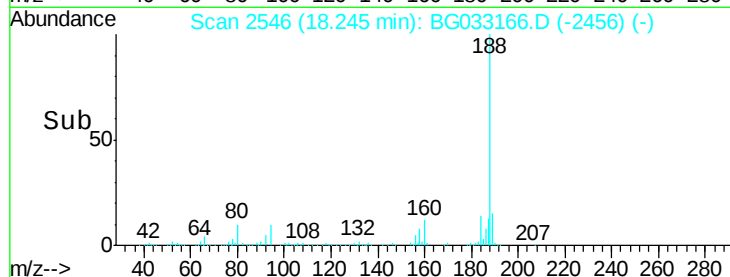
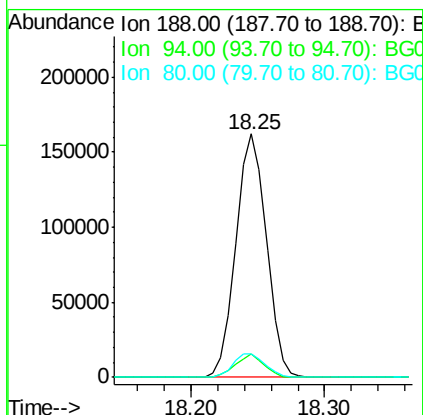
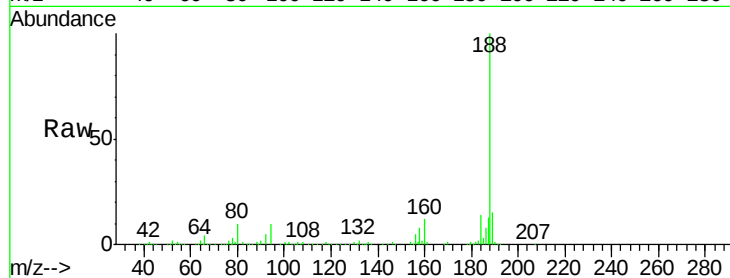




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.25 min Scan# 2546
Delta R.T. -0.00 min
Lab File: BG033166.D
Acq: 15 Mar 2018 5:08

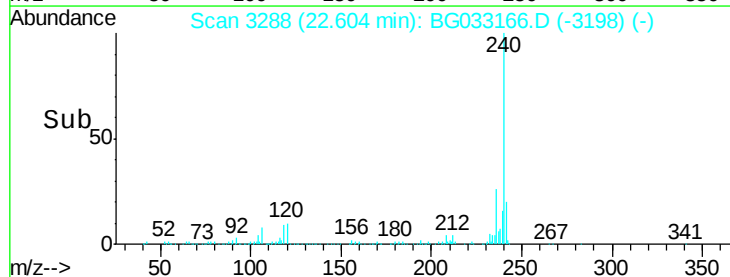
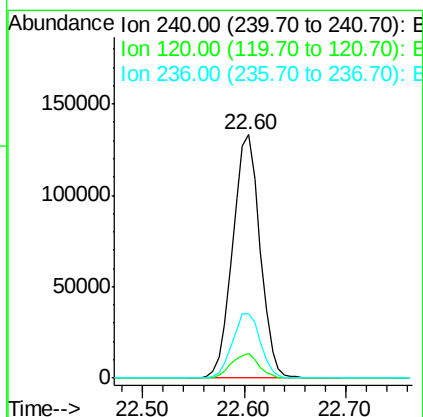
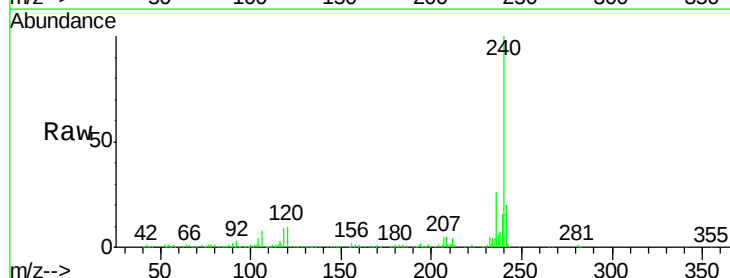
Instrument :
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ClientSampleId :
CL-01-031318-B

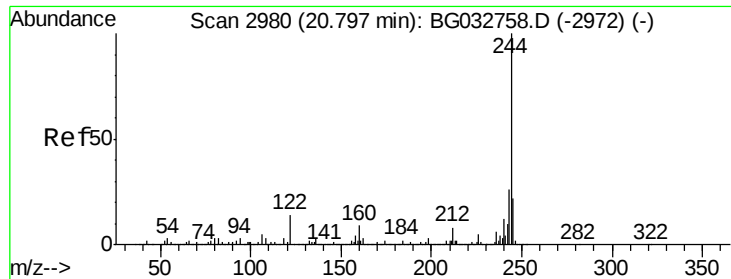
Tot Ion:188 Resp: 256406
Ion Ratio Lower Upper
188 100
94 9.6 6.9 10.3
80 9.7 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.60 min Scan# 3288
Delta R.T. -0.00 min
Lab File: BG033166.D
Acq: 15 Mar 2018 5:08

Tgt Ion:240 Resp: 248904
Ion Ratio Lower Upper
240 100
120 10.2 6.8 10.2#
236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 119.331 ng

RT: 20.77 min Scan# 2975

Delta R.T. 0.00 min

Lab File: BG033166.D

Acq: 15 Mar 2018 5:08

Instrument :

BNA_G

ClientSampleId :

CL-01-031318-B

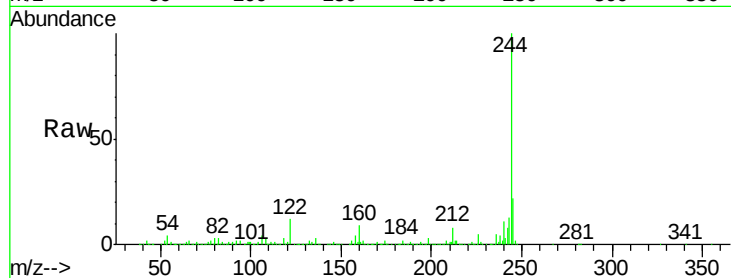
Tot Ion:244 Resp: 1322011

Ion Ratio Lower Upper

244 100

212 8.2 5.8 8.8

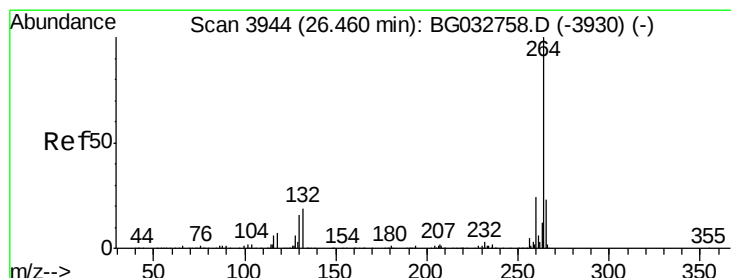
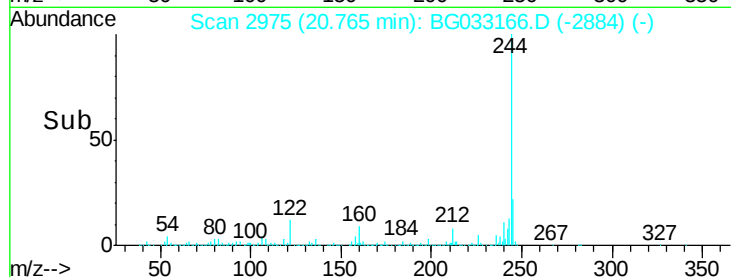
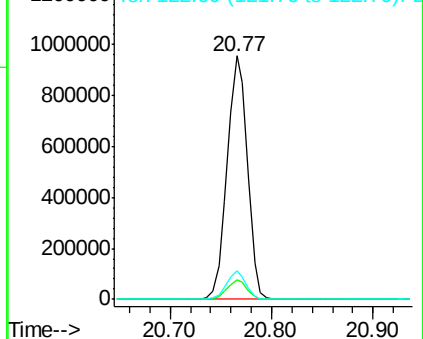
122 11.7 7.0 10.4#



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: 26.40 min Scan# 3935

Delta R.T. -0.00 min

Lab File: BG033166.D

Acq: 15 Mar 2018 5:08

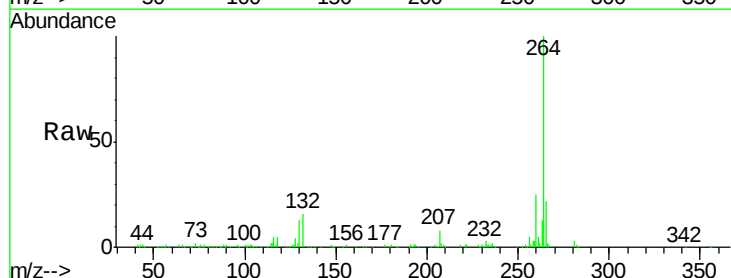
Tgt Ion:264 Resp: 260420

Ion Ratio Lower Upper

264 100

260 24.9 17.4 26.0

265 21.8 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

