

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042518\
 Data File : BG033989.D
 Acq On : 25 Apr 2018 16:36
 Operator : SJ/JU
 Sample : J2506-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-VAR-0418

Quant Time: Apr 26 06:44:50 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG041918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 19 13:56:22 2018
 Response via : Initial Calibration

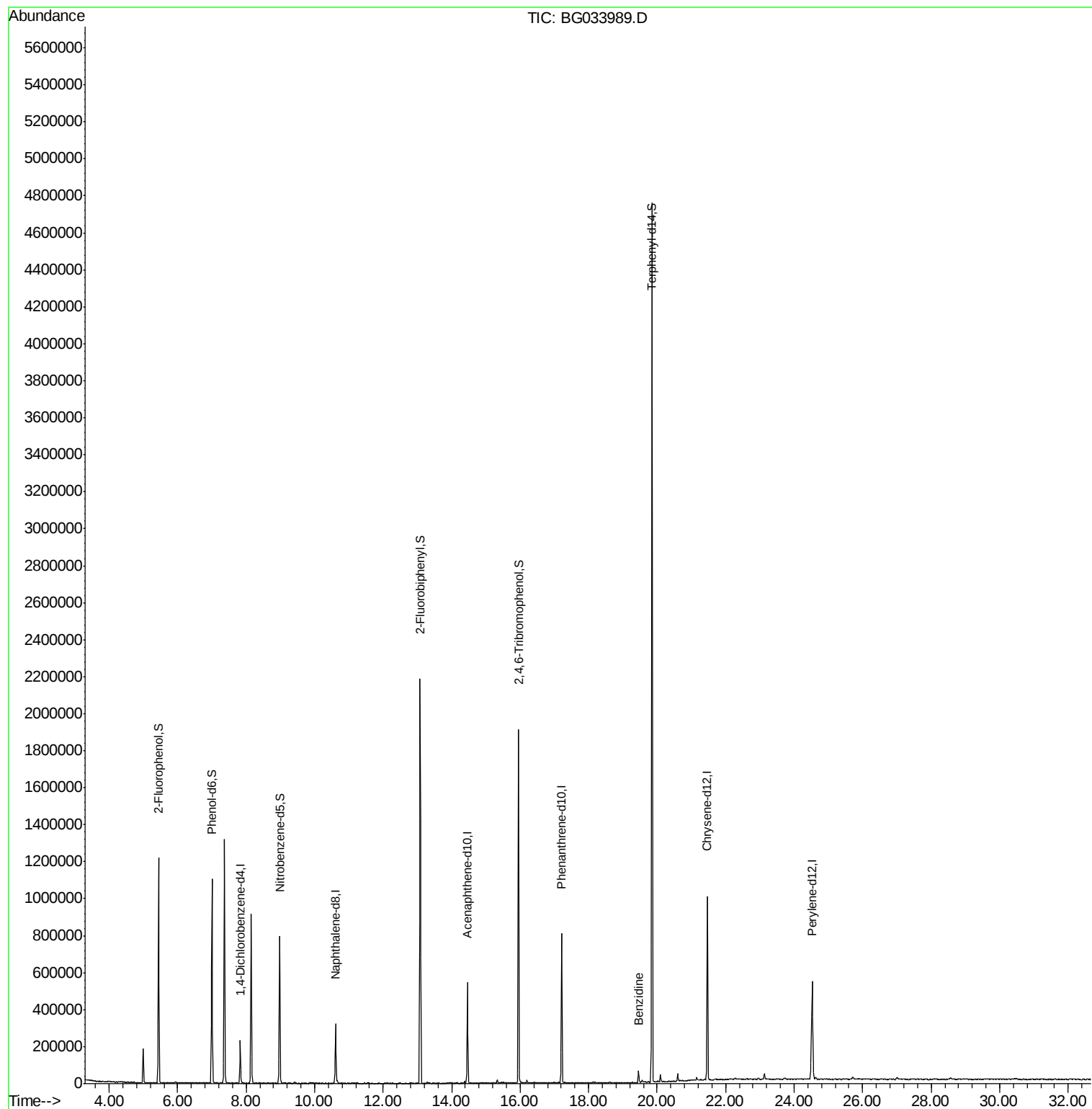
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	62044	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	272775	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	187957	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	503037	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	588481	20.00	ng	-0.03
86) Perylene-d12	24.52	264	570246	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	499504	128.53	ng	0.00
7) Phenol-d6	7.00	99	609738	107.57	ng	0.00
23) Nitrobenzene-d5	8.98	82	461280	96.24	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	360226	164.28	ng	-0.02
44) 2-Fluorobiphenyl	13.09	172	1165042	91.06	ng	-0.02
78) Terphenyl-d14	19.85	244	2177610	83.13	ng	-0.02
Target Compounds						
76) Benzidine	19.46	184	42944	2.702	ng	Qvalue 97

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

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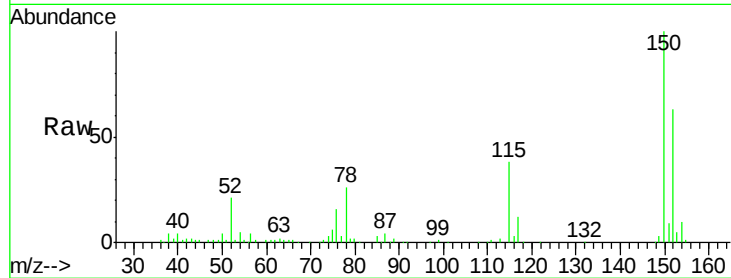


#1

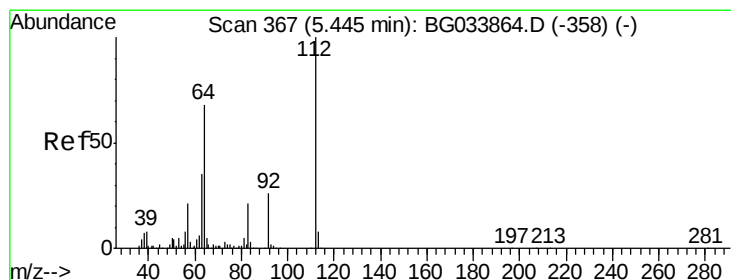
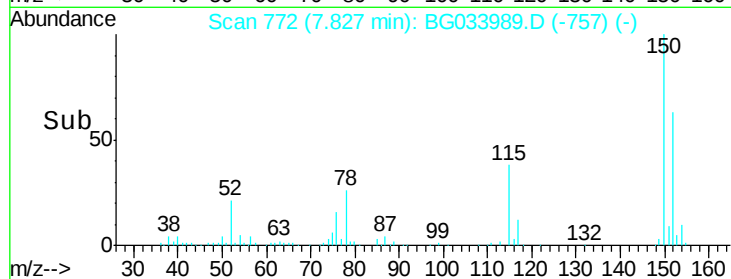
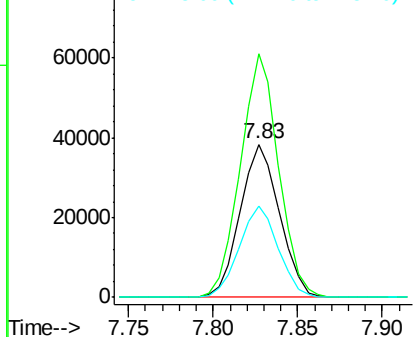
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 772
Delta R.T. -0.01 min
Lab File: BG033989.D
Acq: 25 Apr 2018 16:36

Instrument :
BNA_G
ClientSampleId :
CB-TCLP-VAR-0418

Tot Ion:152 Resp: 62044
Ion Ratio Lower Upper
152 100
150 159.3 126.6 189.8
115 59.8 53.0 79.4



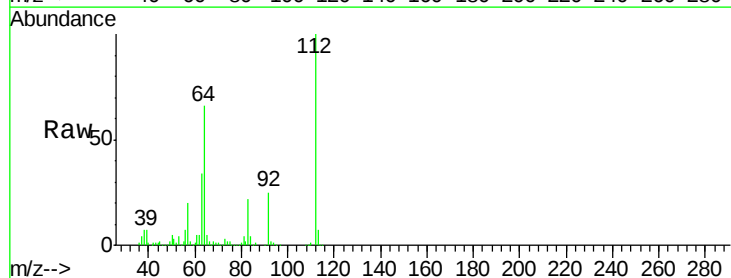
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



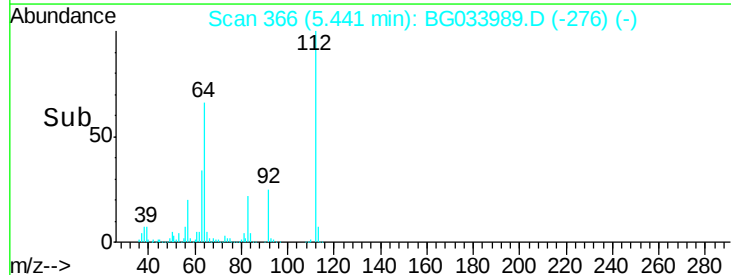
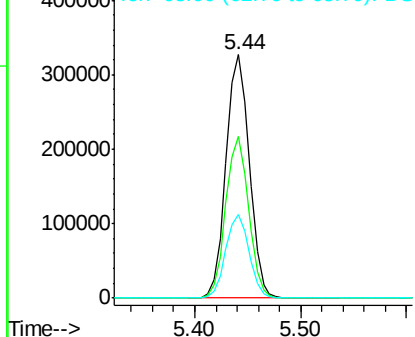
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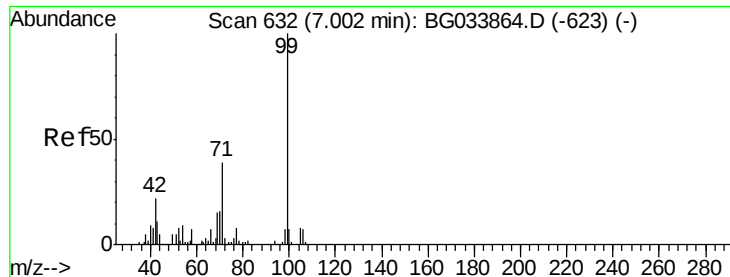
2-Fluorophenol
Concen: 128.534 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.00 min
Lab File: BG033989.D
Acq: 25 Apr 2018 16:36

Tgt Ion:112 Resp: 499504
Ion Ratio Lower Upper
112 100
64 66.2 56.3 84.5
63 34.2 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: 107.572 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.00 min

Lab File: BG033989.D

Acq: 25 Apr 2018 16:36

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-VAR-0418

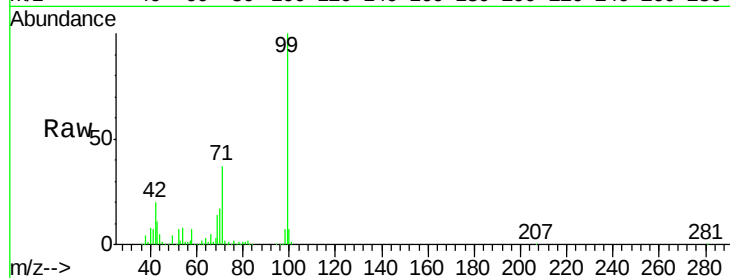
Tot Ion: 99 Resp: 609738

Ion Ratio Lower Upper

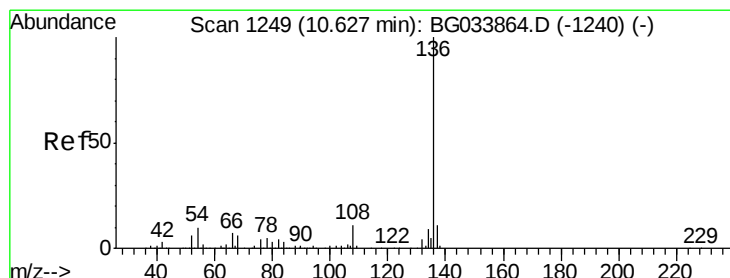
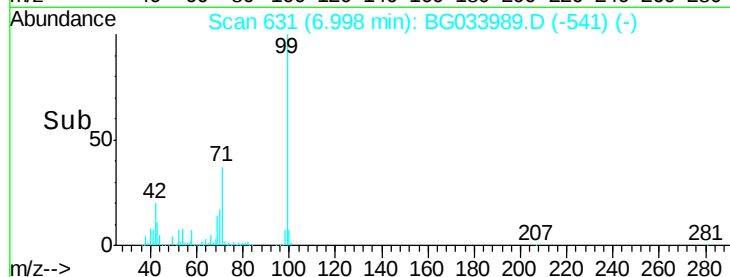
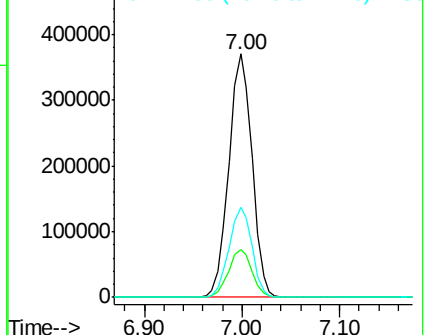
99 100

42 19.7 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: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033989.D

Acq: 25 Apr 2018 16:36

Tgt Ion: 136 Resp: 272775

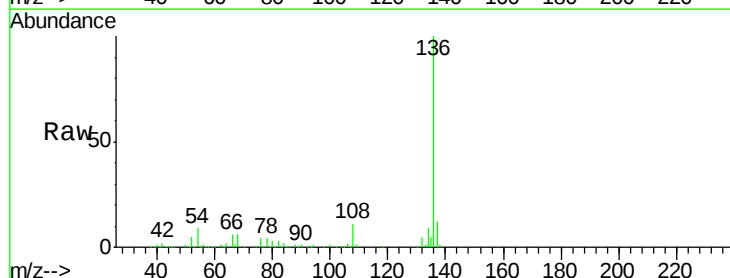
Ion Ratio Lower Upper

136 100

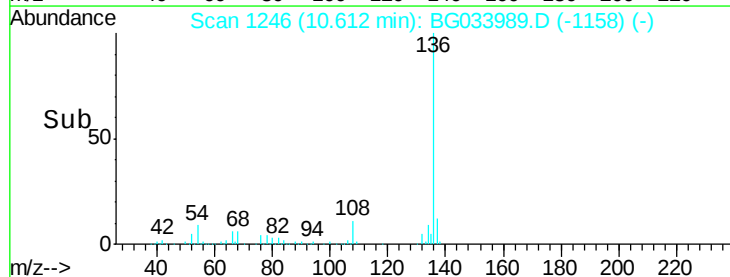
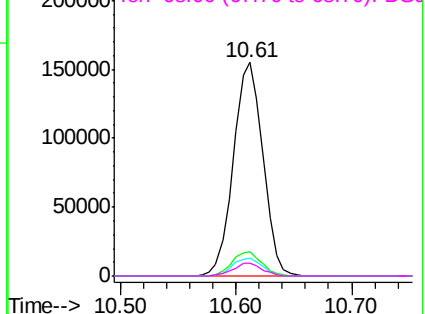
137 11.7 9.2 13.8

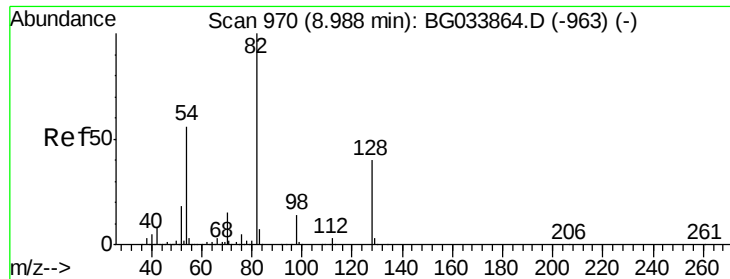
54 8.7 10.3 15.5#

68 6.2 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

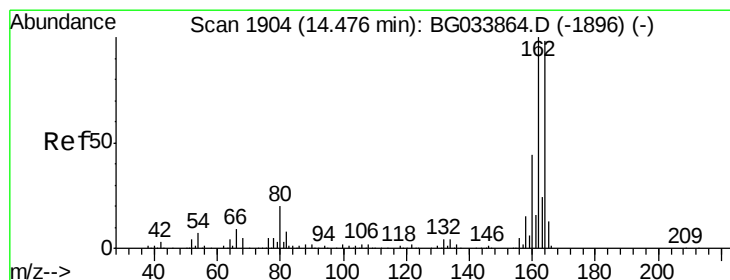
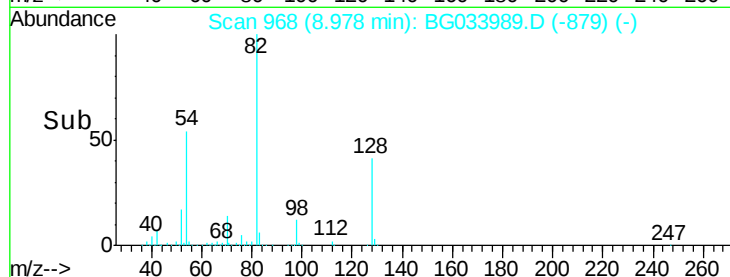
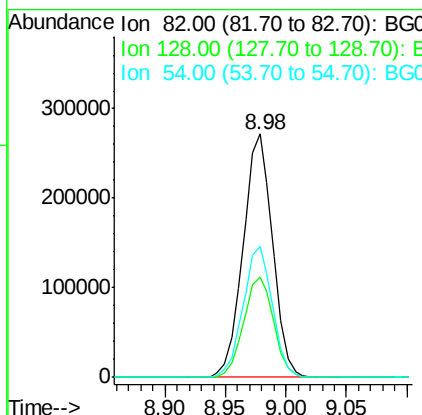
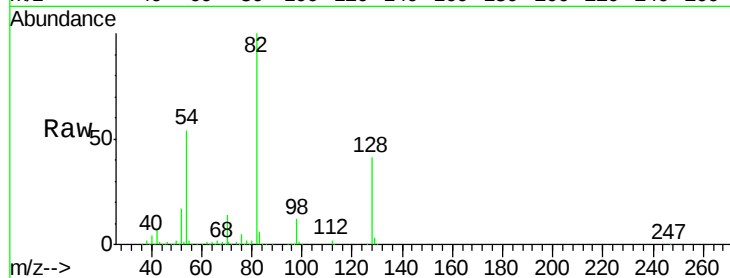




#23
 Nitrobenzene-d5
 Concen: 96.238 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033989.D
 Acq: 25 Apr 2018 16:36

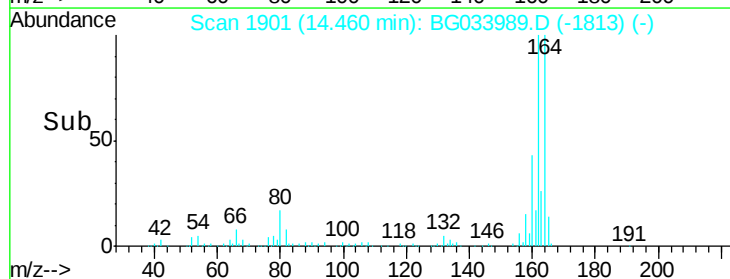
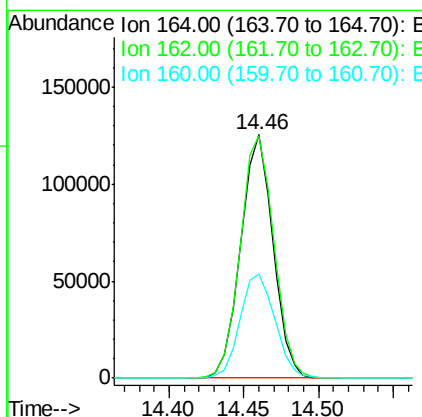
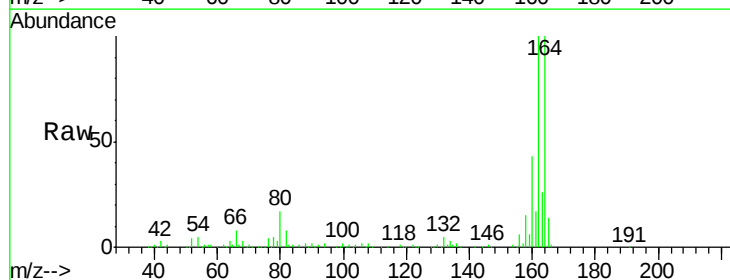
Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-VAR-0418

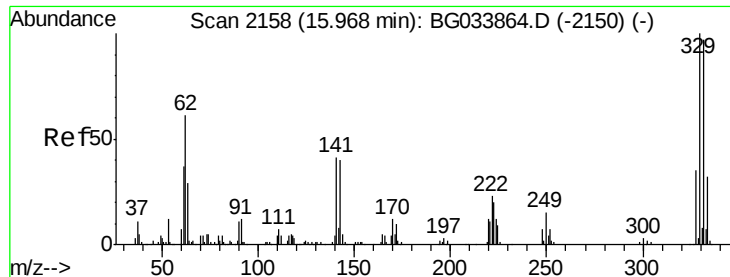
Tot Ion	82	Resp	461280
Ion Ratio	Lower	Upper	
82	100		
128	41.2	29.7	44.5
54	54.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033989.D
 Acq: 25 Apr 2018 16:36

Tgt Ion	164	Resp	187957
Ion Ratio	Lower	Upper	
164	100		
162	99.6	78.8	118.2
160	42.6	35.4	53.0

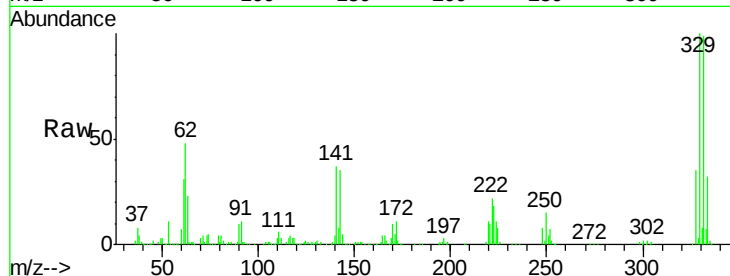




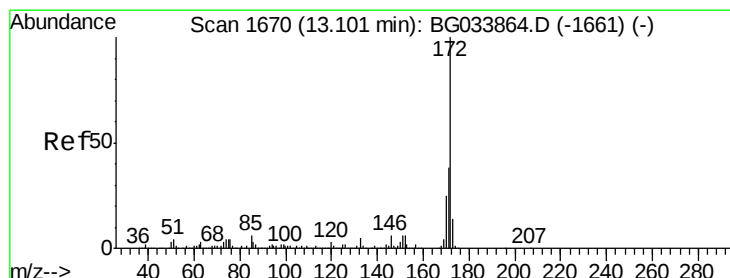
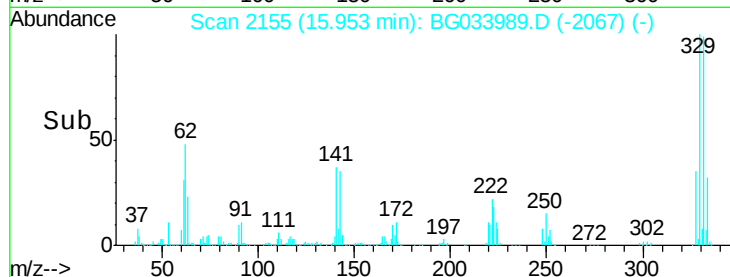
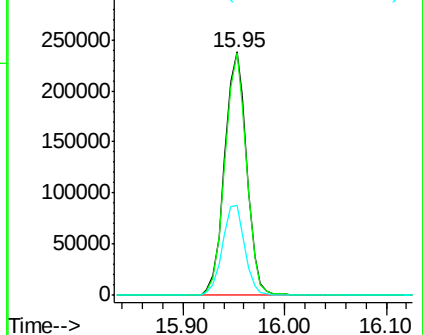
#41
 2,4,6-Tribromophenol
 Concen: 164.275 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033989.D
 Acq: 25 Apr 2018 16:36

Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-VAR-0418

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.2	77.0	115.6
141	37.3	25.2	37.8

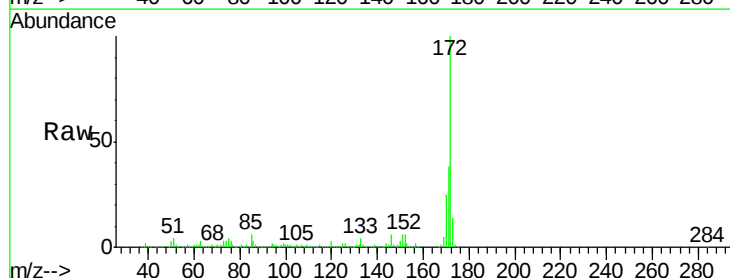


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

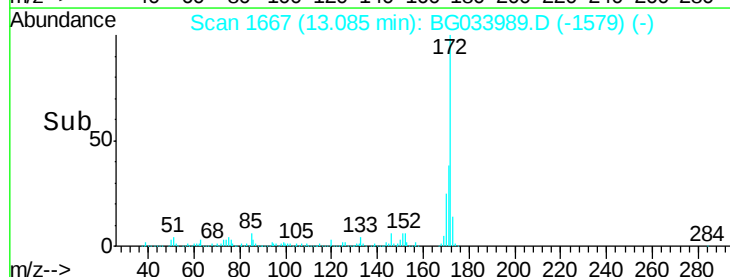
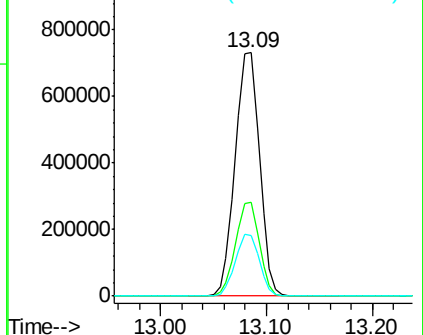


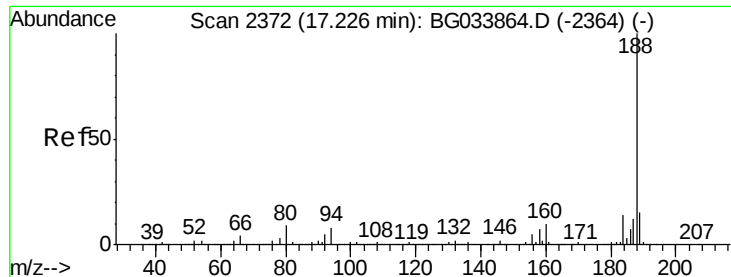
#44
 2-Fluorobiphenyl
 Concen: 91.057 ng
 RT: 13.09 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033989.D
 Acq: 25 Apr 2018 16:36

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.4	30.0	45.0
170	25.0	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

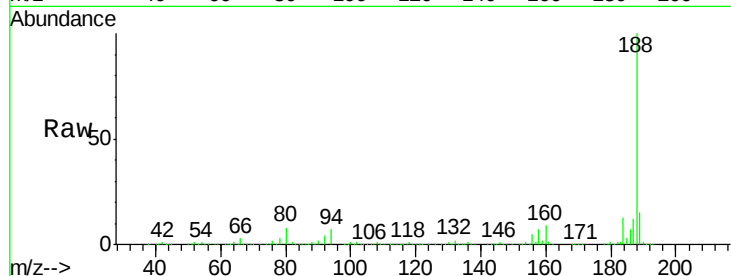




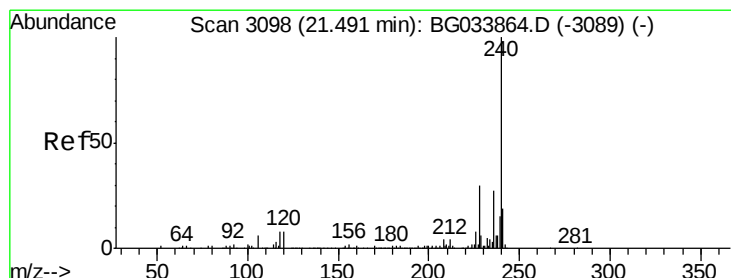
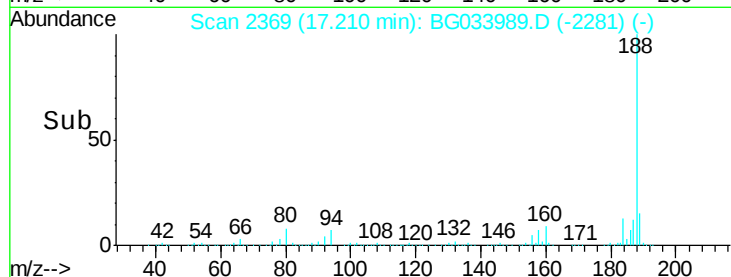
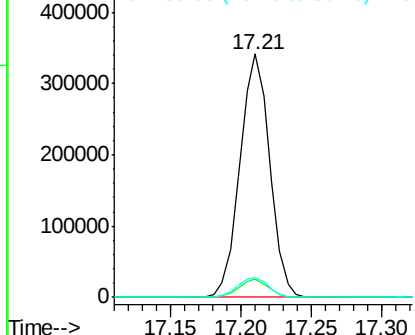
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033989.D
Acq: 25 Apr 2018 16:36

Instrument :
BNA_G
ClientSampleId :
CB-TCLP-VAR-0418

Tot Ion:188 Resp: 503037
Ion Ratio Lower Upper
188 100
94 7.3 6.9 10.3
80 8.2 7.7 11.5

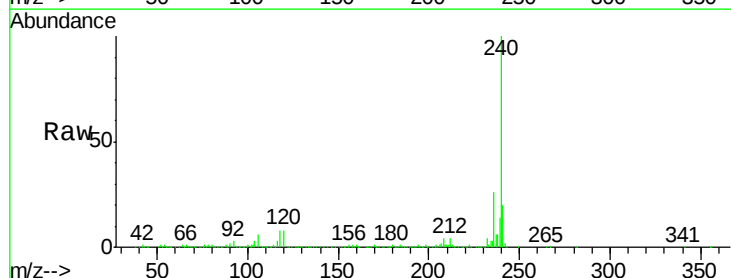


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

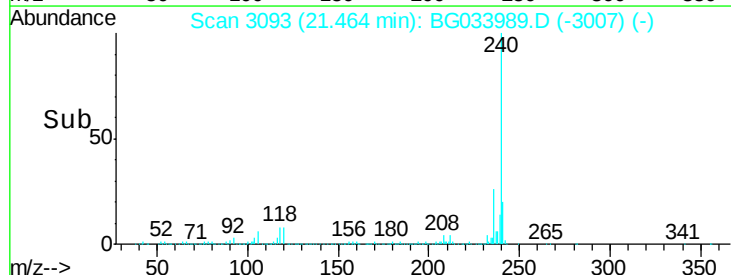
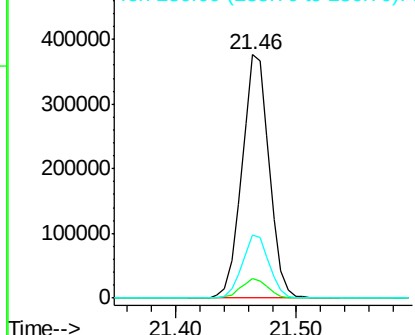


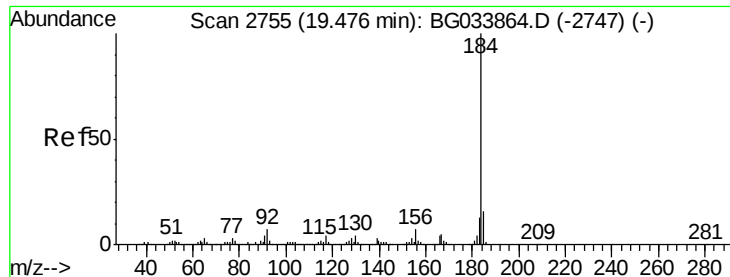
#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BG033989.D
Acq: 25 Apr 2018 16:36

Tgt Ion:240 Resp: 588481
Ion Ratio Lower Upper
240 100
120 8.2 6.8 10.2
236 25.7 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





#76

Benzidine

Concen: 2.702 ng

RT: 19.46 min Scan# 2752

Delta R.T. -0.02 min

Lab File: BG033989.D

Acq: 25 Apr 2018 16:36

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-VAR-0418

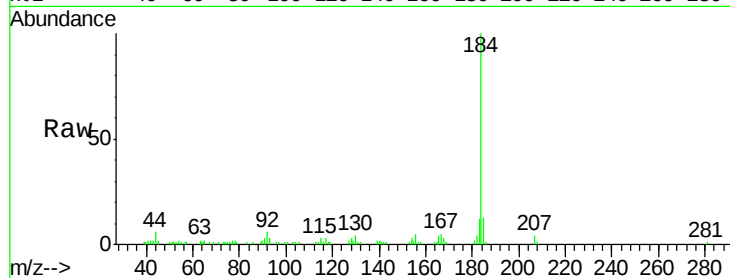
Tot Ion:184 Resp: 42944

Ion Ratio Lower Upper

184 100

185 12.7 11.1 16.7

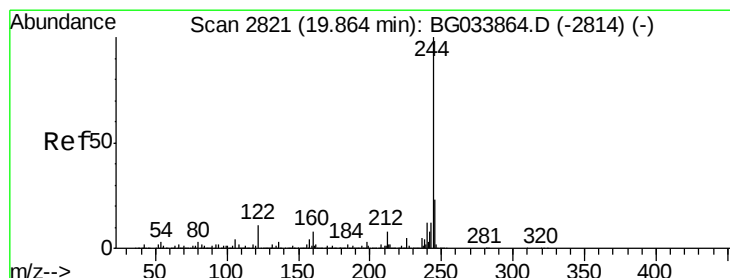
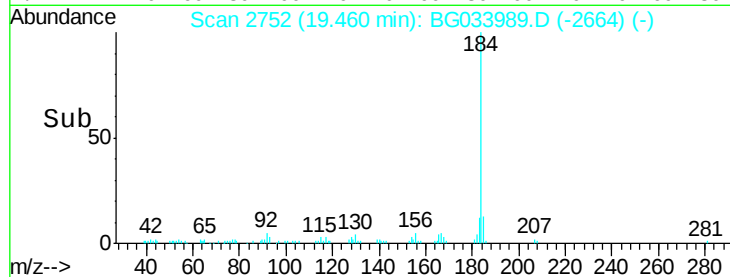
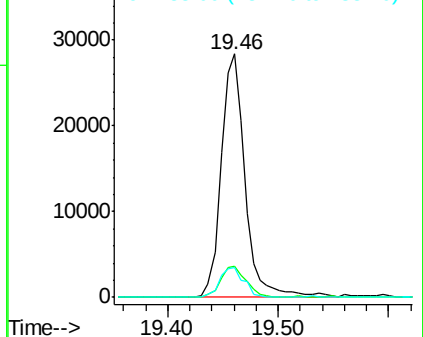
183 12.4 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Terphenyl-d14

Concen: 83.134 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033989.D

Acq: 25 Apr 2018 16:36

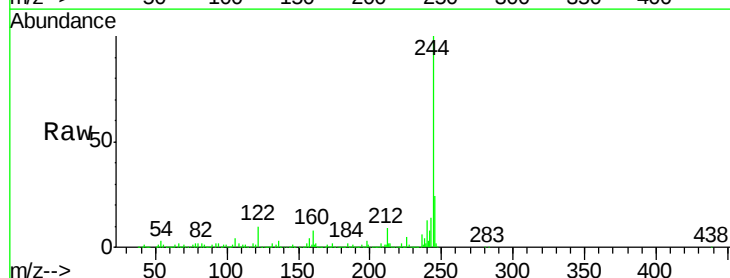
Tgt Ion:244 Resp: 2177610

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

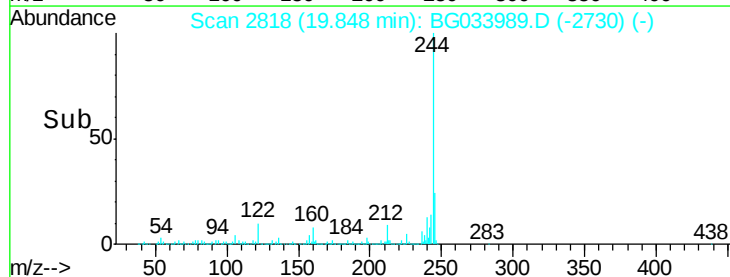
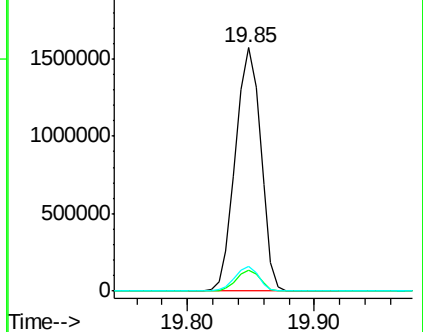
122 10.1 7.0 10.4

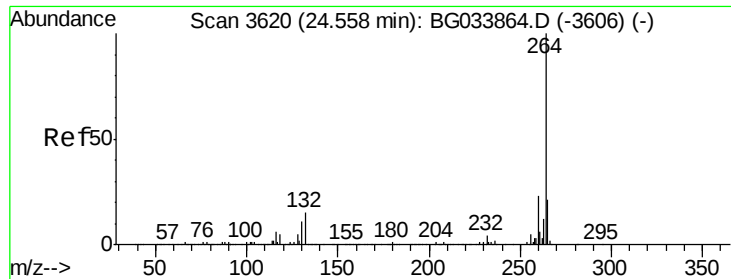


Abundance Ion 244.00 (243.70 to 244.70): E

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: 24.52 min Scan# 3614
Delta R.T. -0.03 min
Lab File: BG033989.D
Acq: 25 Apr 2018 16:36

Instrument :
BNA_G
ClientSampleId :
CB-TCLP-VAR-0418

Tot Ion:264 Resp: 570246
Ion Ratio Lower Upper
264 100
260 22.8 17.4 26.0
265 21.9 17.7 26.5

