

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042418\
 Data File : BG033979.D
 Acq On : 25 Apr 2018 8:07
 Operator : SJ/JU
 Sample : J2506-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

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

Quant Time: Apr 25 12:10:26 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

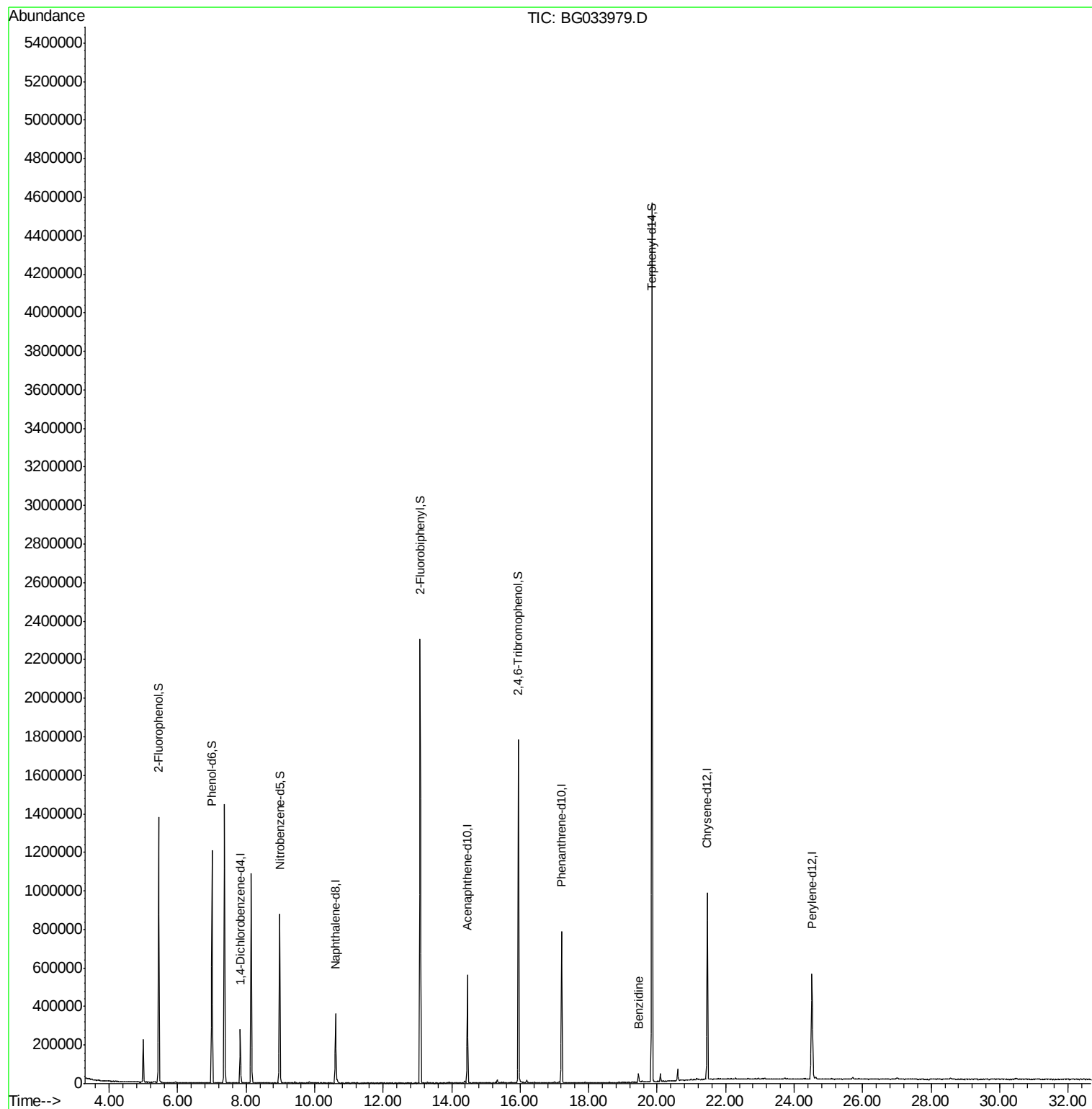
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.83	152	76112	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	311253	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	195941	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	486287	20.00	ng	-0.02
75) Chrysene-d12	21.46	240	563141	20.00	ng	-0.03
86) Perylene-d12	24.52	264	575837	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	592544	124.29	ng	0.00
7) Phenol-d6	7.00	99	679654	97.74	ng	0.00
23) Nitrobenzene-d5	8.98	82	527730	96.49	ng	0.00
41) 2,4,6-Tribromophenol	15.95	330	332415	145.42	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1222929	91.69	ng	-0.02
78) Terphenyl-d14	19.85	244	2072964	82.70	ng	-0.02
Target Compounds						
76) Benzidine	19.45	184	31605	2.078	ng	Qvalue # 94

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

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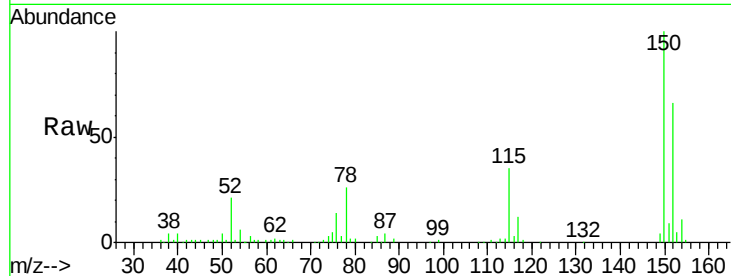


#1

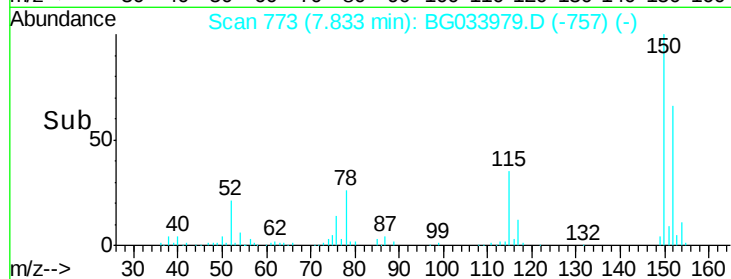
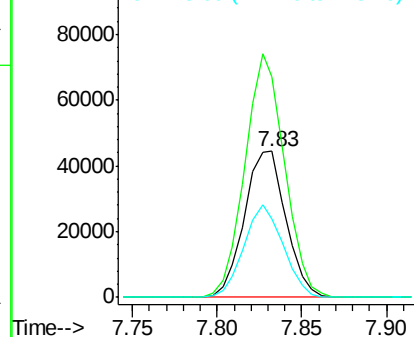
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.00 min
Lab File: BG033979.D
Acq: 25 Apr 2018 8:07

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

Tot Ion:152 Resp: 76112
Ion Ratio Lower Upper
152 100
150 151.4 126.6 189.8
115 53.7 53.0 79.4



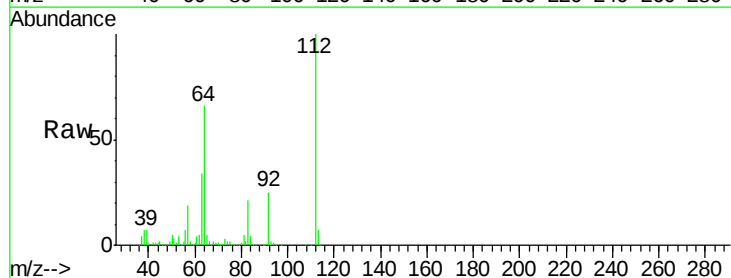
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



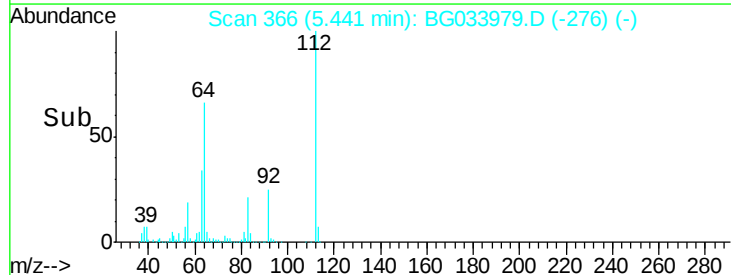
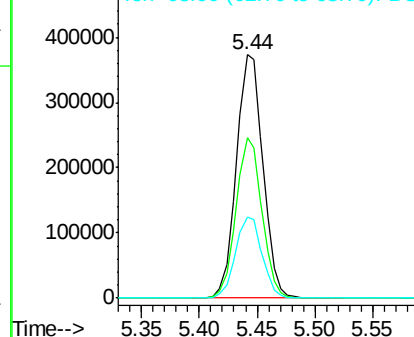
#5

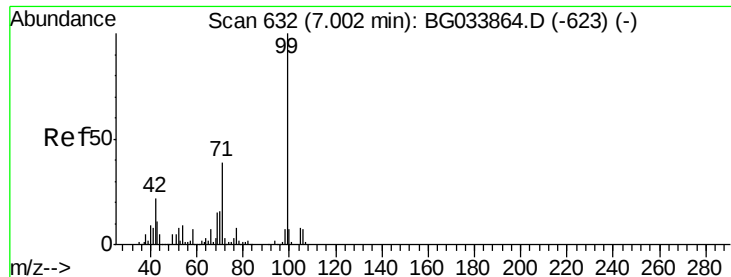
2-Fluorophenol
Concen: 124.293 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.00 min
Lab File: BG033979.D
Acq: 25 Apr 2018 8:07

Tgt Ion:112 Resp: 592544
Ion Ratio Lower Upper
112 100
64 65.9 56.3 84.5
63 33.5 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 97.744 ng

RT: 7.00 min Scan# 631

Delta R.T. -0.00 min

Lab File: BG033979.D

Acq: 25 Apr 2018 8:07

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-VAR-0418

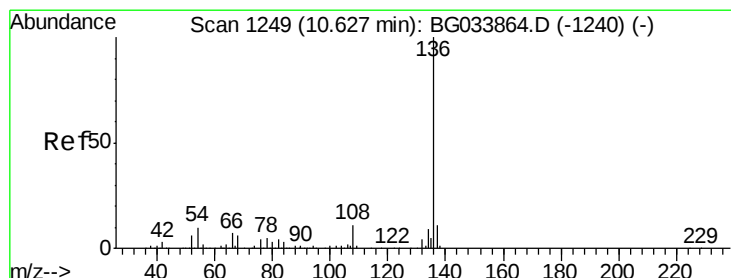
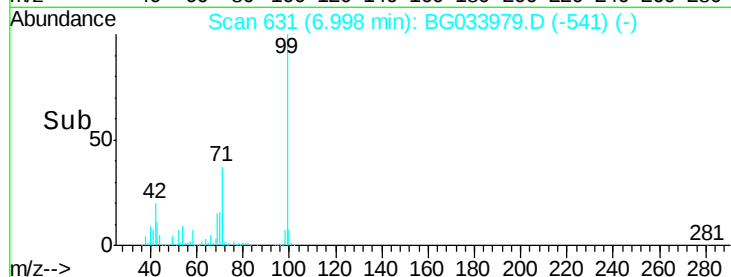
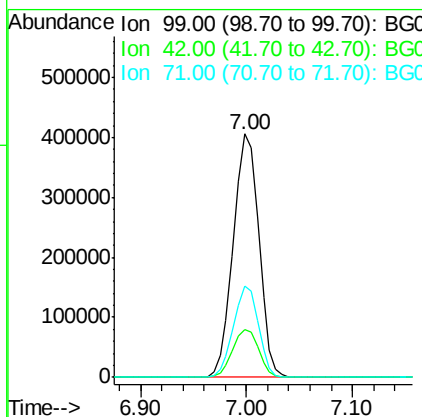
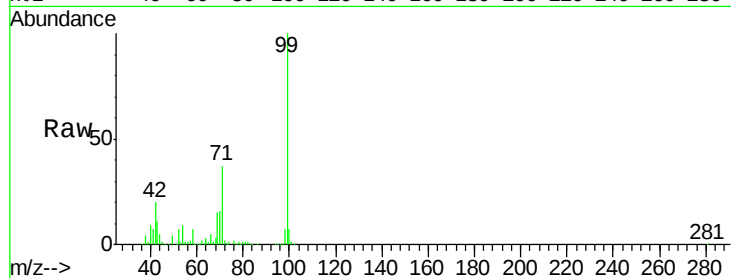
Tot Ion: 99 Resp: 679654

Ion Ratio Lower Upper

99 100

42 19.6 14.1 21.1

71 37.5 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.61 min Scan# 1246

Delta R.T. -0.02 min

Lab File: BG033979.D

Acq: 25 Apr 2018 8:07

Tgt Ion: 136 Resp: 311253

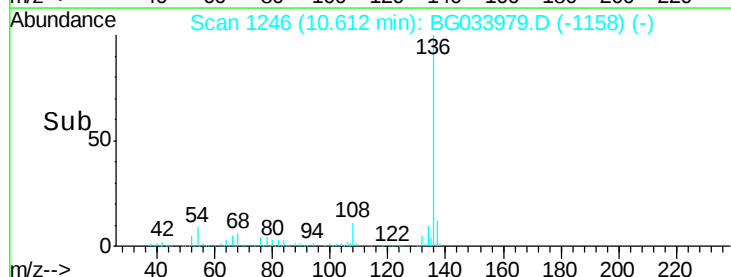
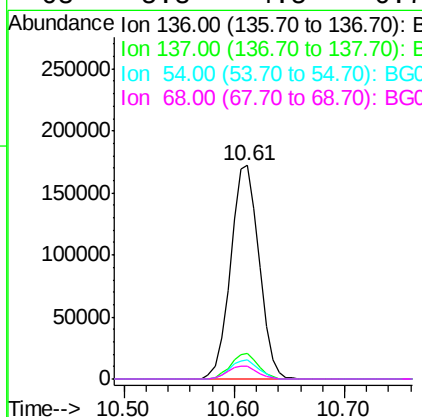
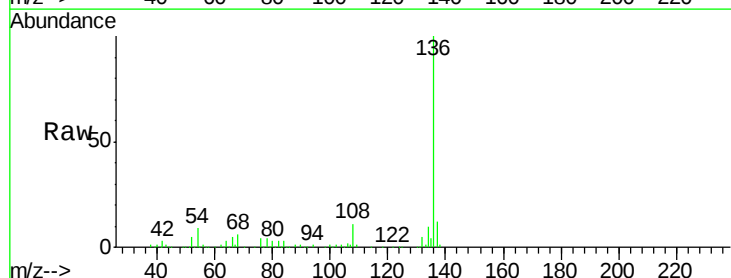
Ion Ratio Lower Upper

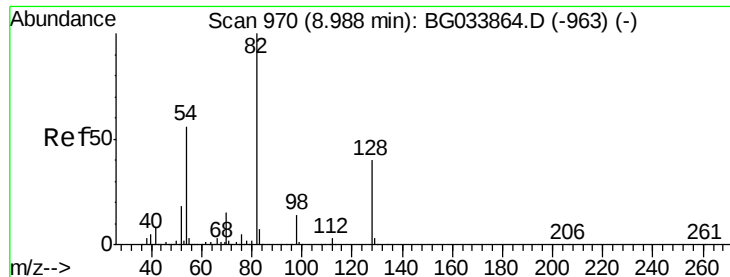
136 100

137 12.0 9.2 13.8

54 9.2 10.3 15.5#

68 5.8 4.5 6.7

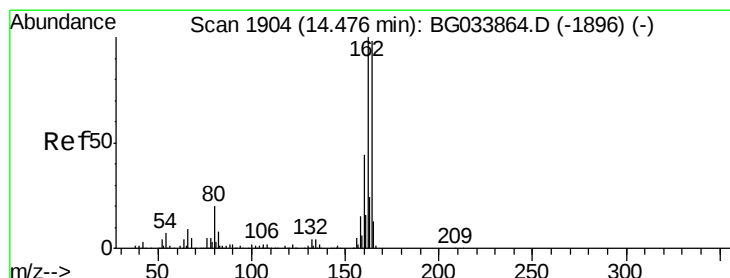
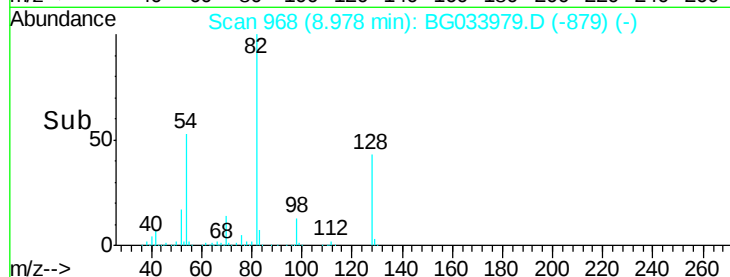
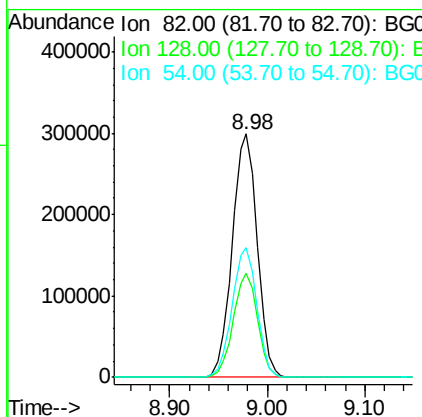
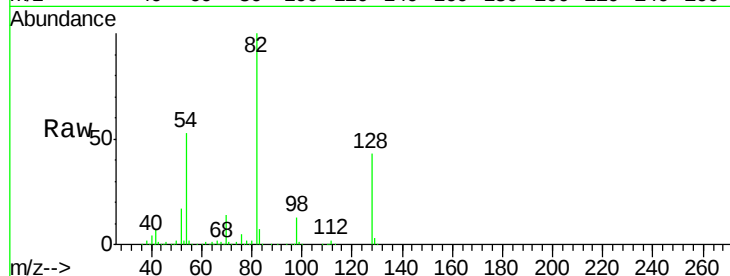




#23
 Nitrobenzene-d5
 Concen: 96.490 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033979.D
 Acq: 25 Apr 2018 8:07

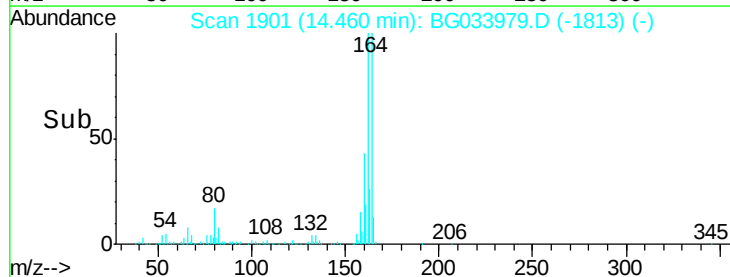
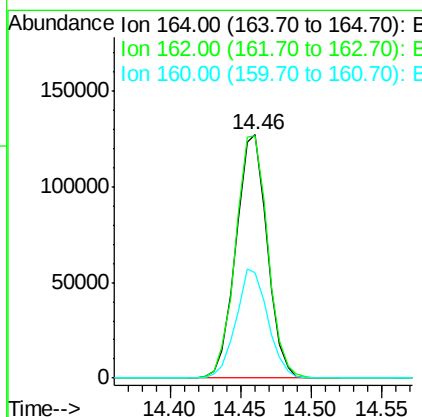
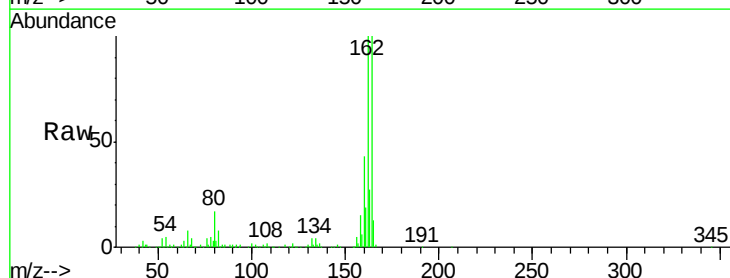
Instrument :
 BNA_G
 ClientSampleId :
 CB-TCLP-VAR-0418

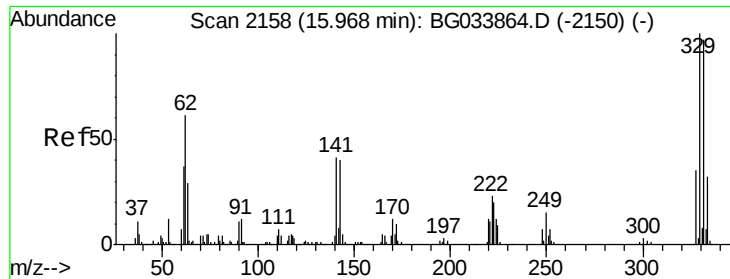
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.6	29.7	44.5
54	53.2	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033979.D
 Acq: 25 Apr 2018 8:07

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.8	78.8	118.2
160	43.5	35.4	53.0

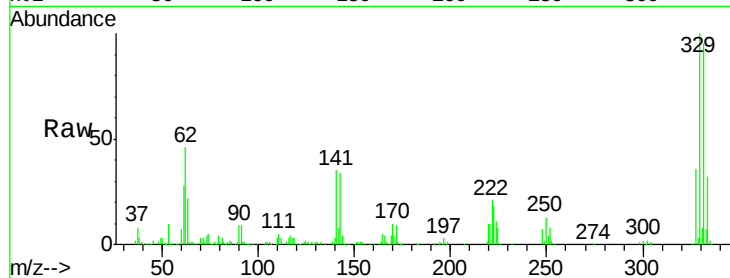




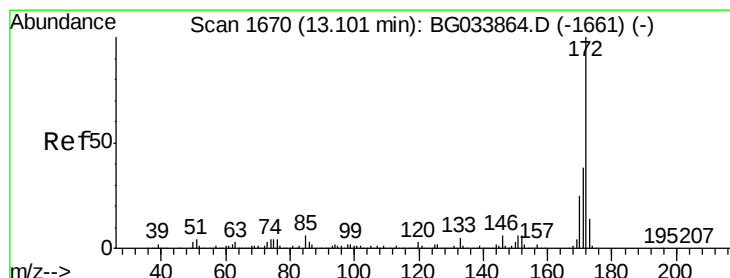
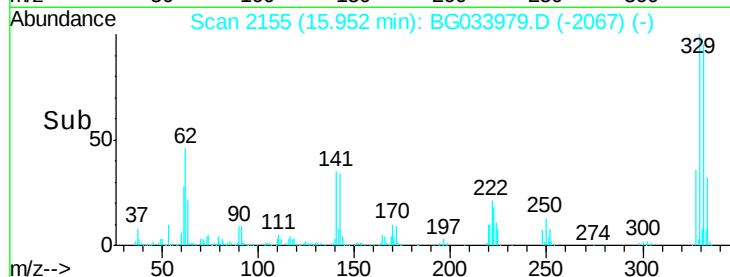
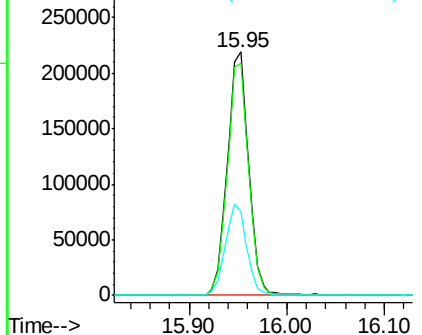
#41
 2,4,6-Tribromophenol
 Concen: 145.416 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033979.D
 Acq: 25 Apr 2018 8:07

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

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.9	77.0	115.6
141	37.3	25.2	37.8

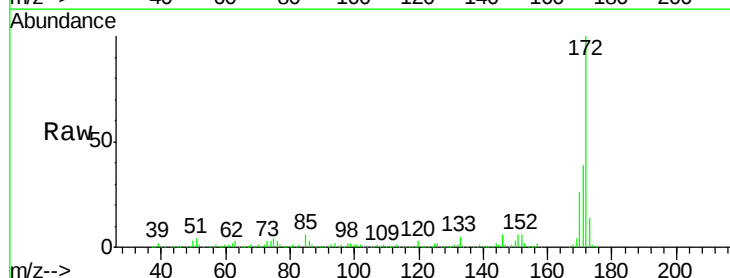


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

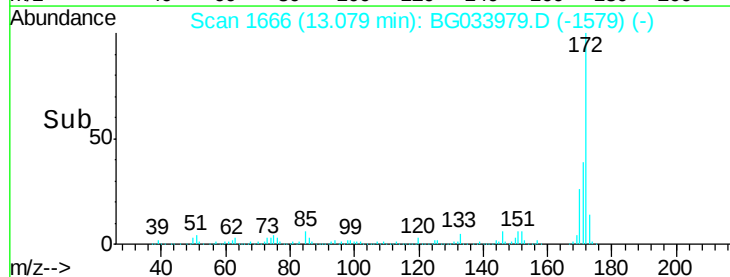
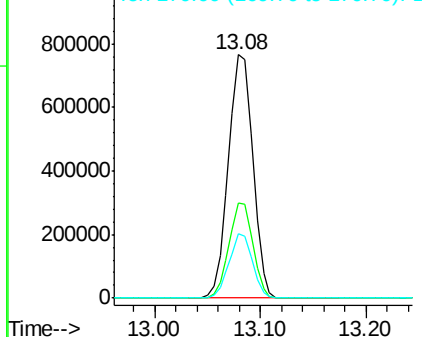


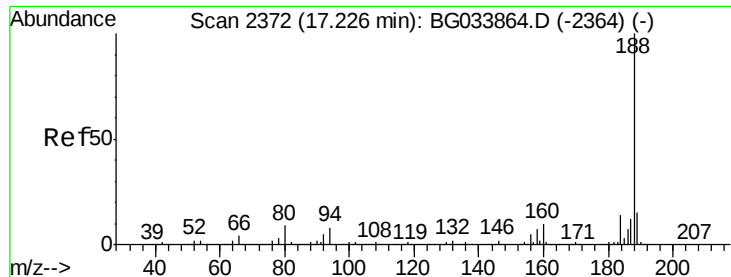
#44
 2-Fluorobiphenyl
 Concen: 91.686 ng
 RT: 13.08 min Scan# 1666
 Delta R.T. -0.02 min
 Lab File: BG033979.D
 Acq: 25 Apr 2018 8:07

Tgt Ion	Ratio	Lower	Upper
172	100		
171	39.0	30.0	45.0
170	26.2	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

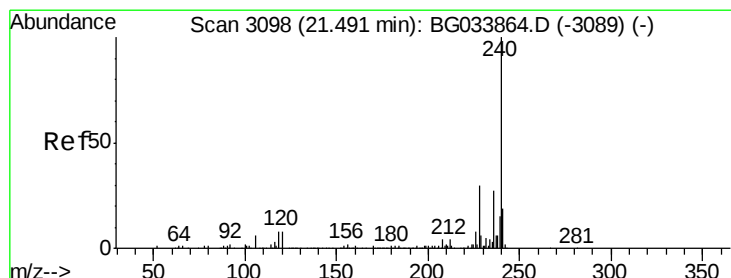
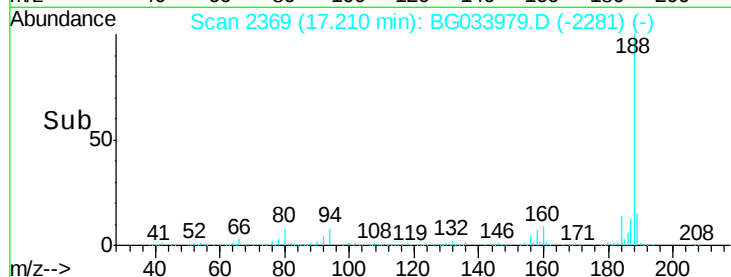
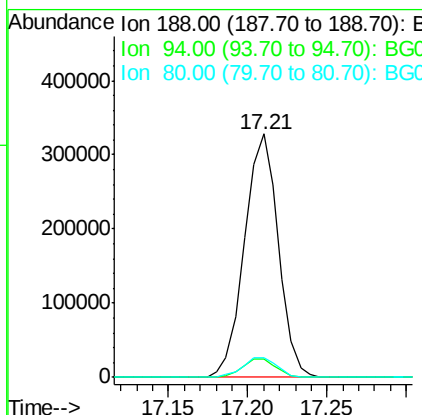
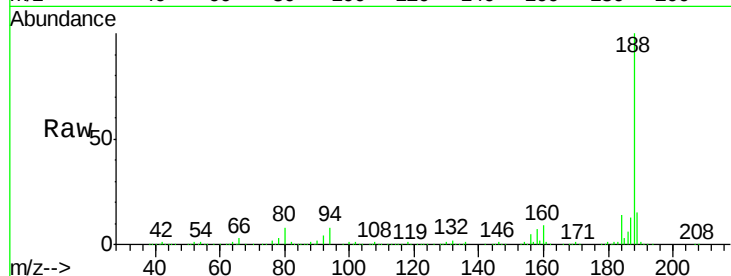




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033979.D
Acq: 25 Apr 2018 8:07

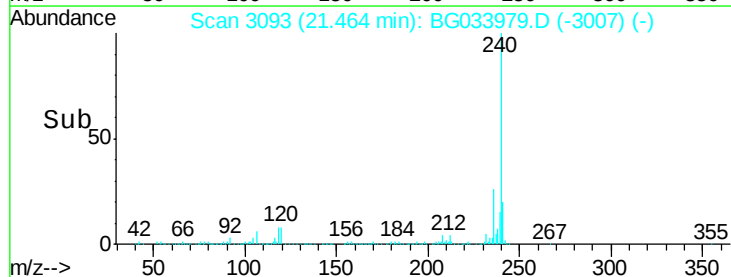
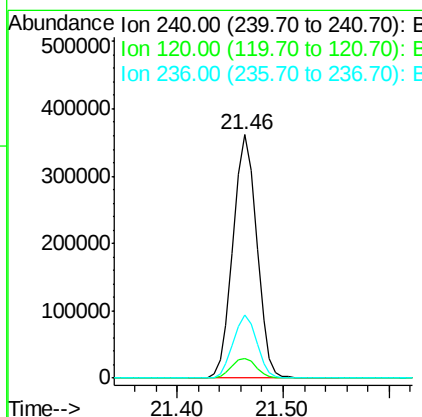
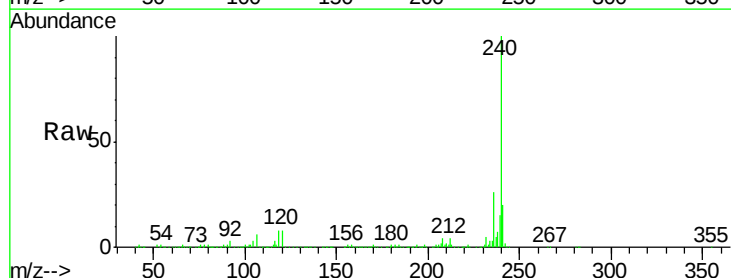
Instrument :
BNA_G
ClientSampleId :
CB-TCLP-VAR-0418

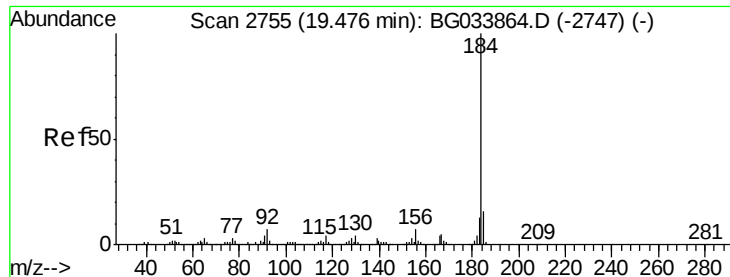
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.7	6.9	10.3
80	8.2	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.46 min Scan# 3093
Delta R.T. -0.03 min
Lab File: BG033979.D
Acq: 25 Apr 2018 8:07

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.3	6.8	10.2
236	26.0	20.9	31.3





#76

Benzidine

Concen: 2.078 ng

RT: 19.45 min Scan# 2751

Delta R.T. -0.02 min

Lab File: BG033979.D

Acq: 25 Apr 2018 8:07

Instrument :

BNA_G

ClientSampleId :

CB-TCLP-VAR-0418

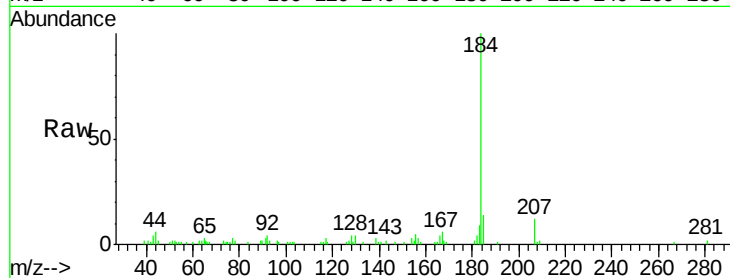
Tot Ion:184 Resp: 31605

Ion Ratio Lower Upper

184 100

185 14.1 11.1 16.7

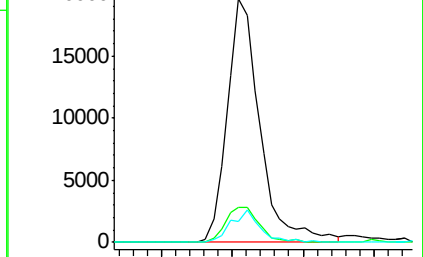
183 8.8 10.6 16.0#



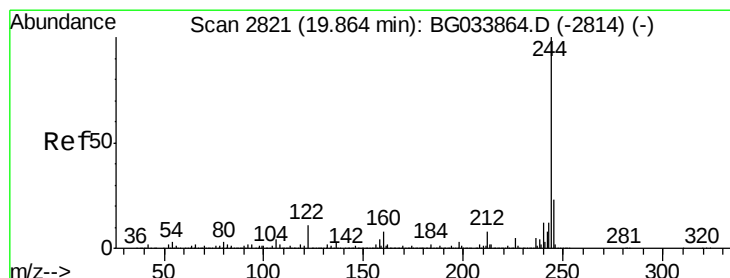
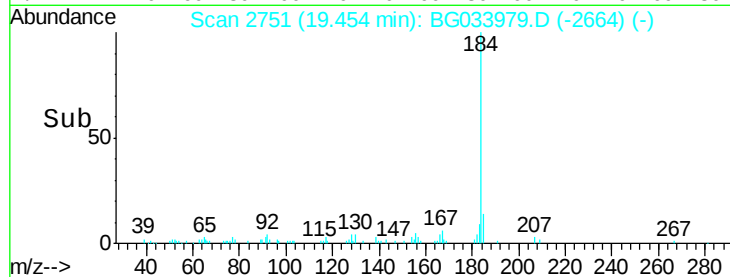
Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



Time-->



#78

Terphenyl-d14

Concen: 82.700 ng

RT: 19.85 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033979.D

Acq: 25 Apr 2018 8:07

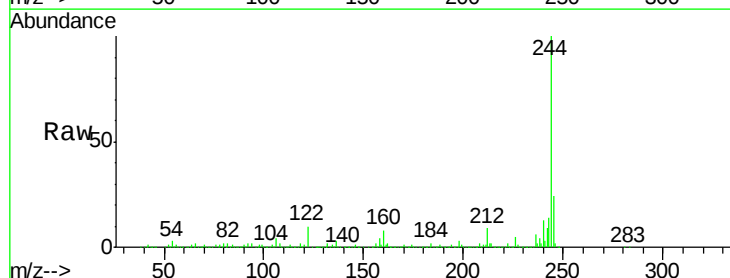
Tgt Ion:244 Resp: 2072964

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

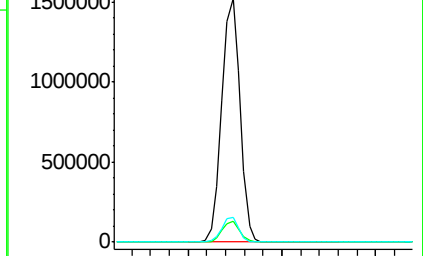
122 9.9 7.0 10.4



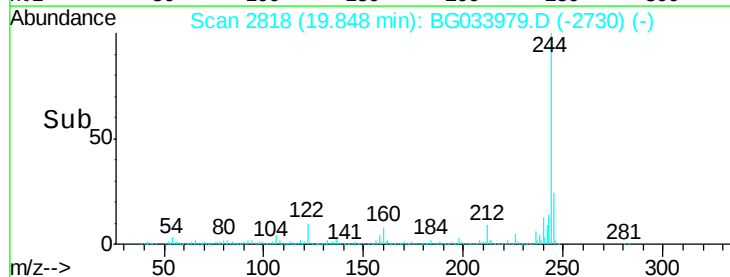
Abundance Ion 244.00 (243.70 to 244.70): E

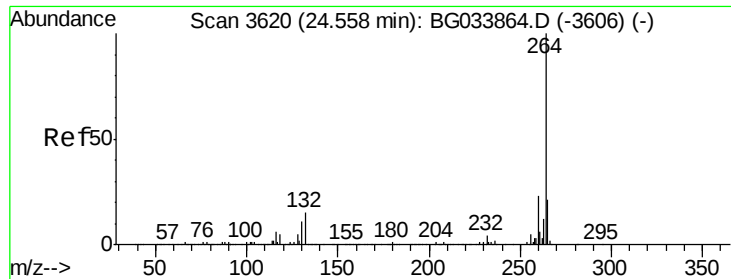
Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



Time-->





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.52 min Scan# 3613
Delta R.T. -0.04 min
Lab File: BG033979.D
Acq: 25 Apr 2018 8:07

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

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	17.4	26.0
265	20.7	17.7	26.5

