

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033403.D
 Acq On : 29 Mar 2018 1:52
 Operator : SJ/JU
 Sample : PB107692BL
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BL

Quant Time: Mar 29 07:38:51 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	42689	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	170309	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	127931	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	341547	20.00	ng	0.00
75) Chrysene-d12	22.56	240	354603	20.00	ng	0.00
86) Perylene-d12	26.32	264	380192	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	393518	172.85	ng	0.00
7) Phenol-d6	7.99	99	579881	148.24	ng	0.00
23) Nitrobenzene-d5	10.07	82	351389	94.79	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	260579	136.19	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	873717	98.59	ng	0.00
78) Terphenyl-d14	20.74	244	1557947	93.96	ng	0.00

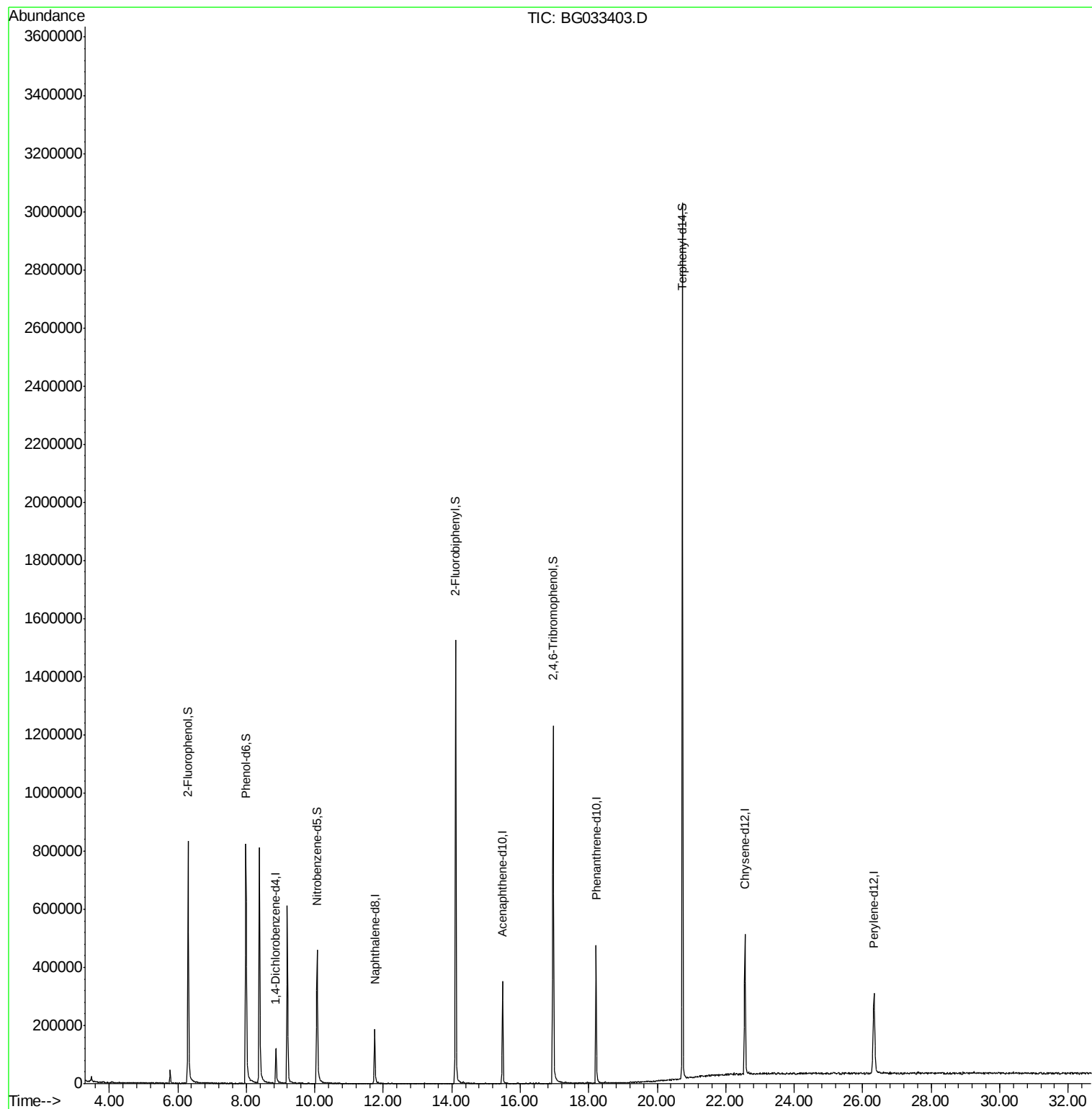
Target Compounds Qvalue

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

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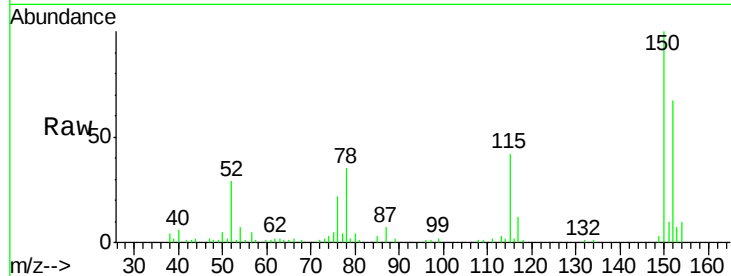




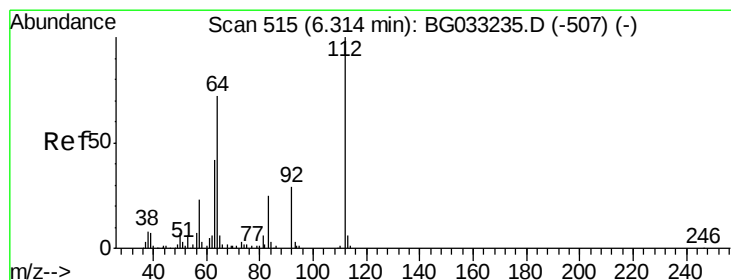
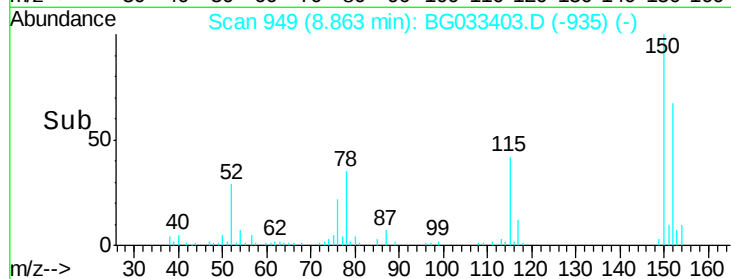
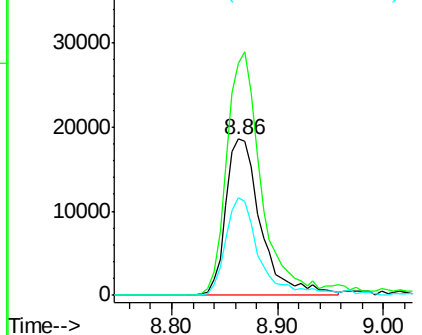
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.86 min Scan# 949
 Delta R.T. -0.02 min
 Lab File: BG033403.D
 Acq: 29 Mar 2018 1:52

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BL

Tot Ion:152 Resp: 42689
 Ion Ratio Lower Upper
 152 100
 150 148.8 126.6 189.8
 115 62.7 53.0 79.4

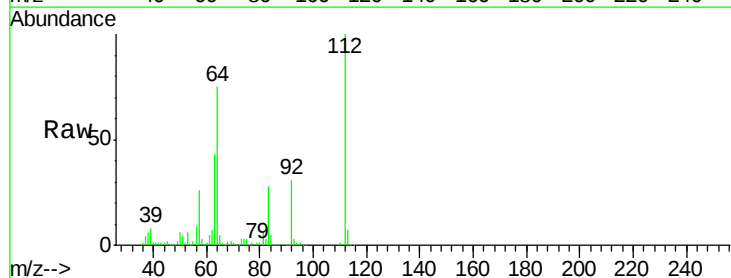


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

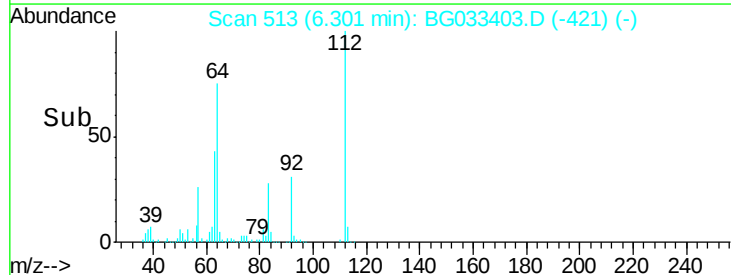
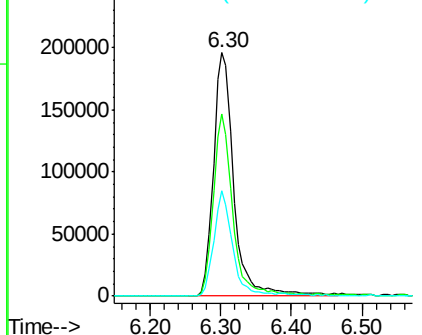


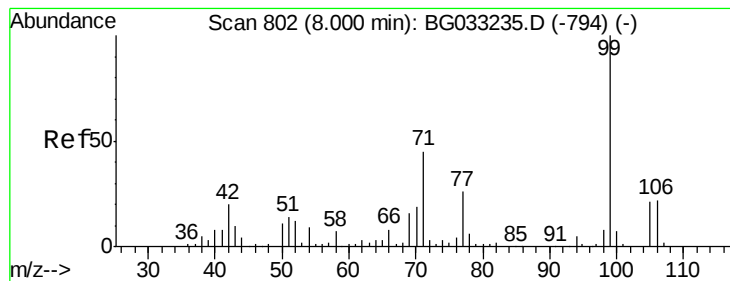
#5
 2-Fluorophenol
 Concen: 172.853 ng
 RT: 6.30 min Scan# 513
 Delta R.T. 0.01 min
 Lab File: BG033403.D
 Acq: 29 Mar 2018 1:52

Tgt Ion:112 Resp: 393518
 Ion Ratio Lower Upper
 112 100
 64 74.7 56.3 84.5
 63 43.1 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: 148.244 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033403.D

Acq: 29 Mar 2018 1:52

Instrument :

BNA_G

ClientSampleId :

PB107692BL

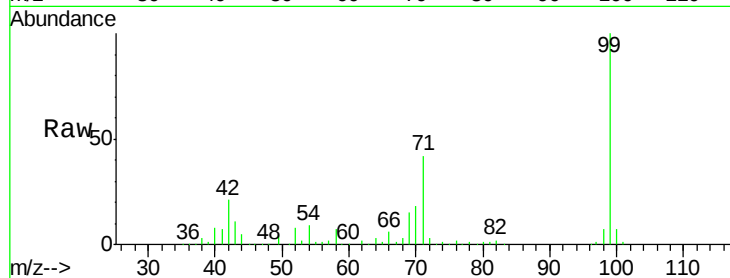
Tot Ion: 99 Resp: 579881

Ion Ratio Lower Upper

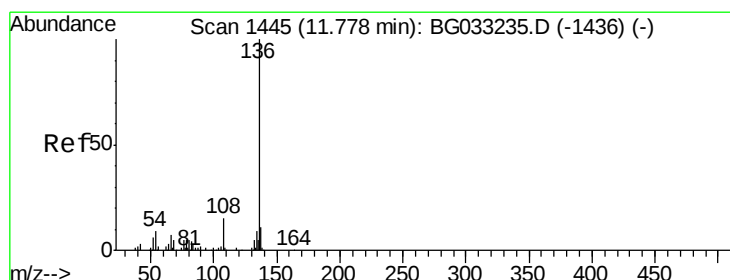
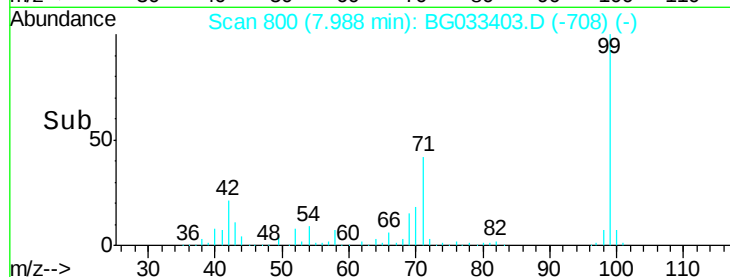
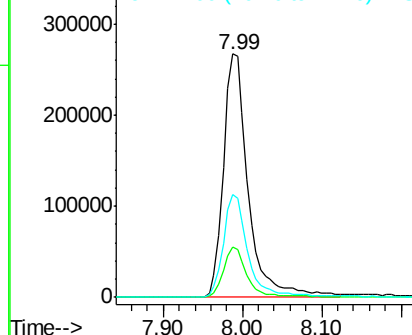
99 100

42 20.5 14.1 21.1

71 42.5 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033403.D

Acq: 29 Mar 2018 1:52

Tgt Ion:136 Resp: 170309

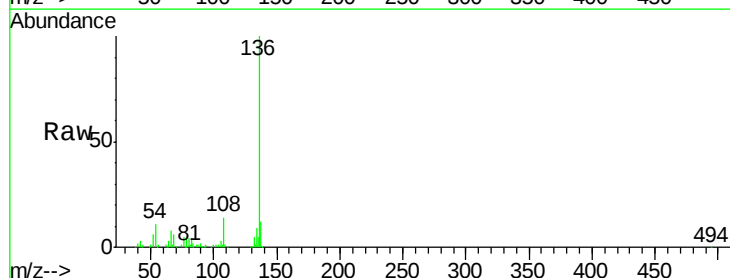
Ion Ratio Lower Upper

136 100

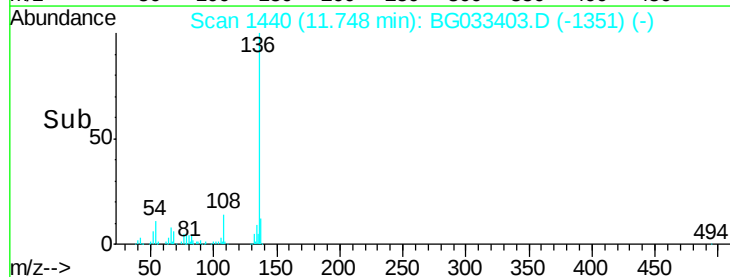
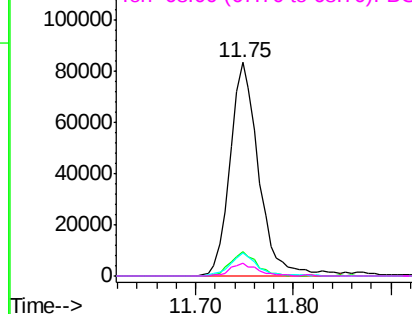
137 11.7 9.2 13.8

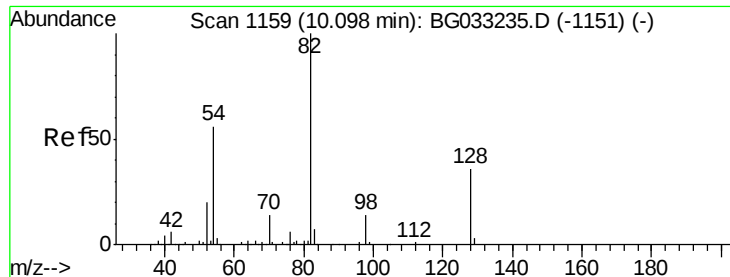
54 10.6 10.3 15.5

68 6.0 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

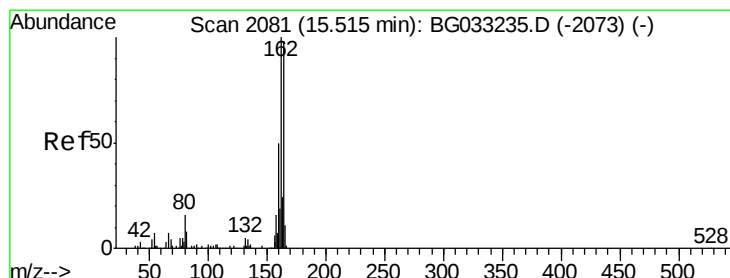
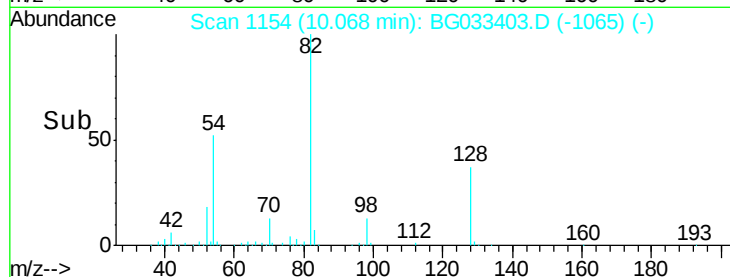
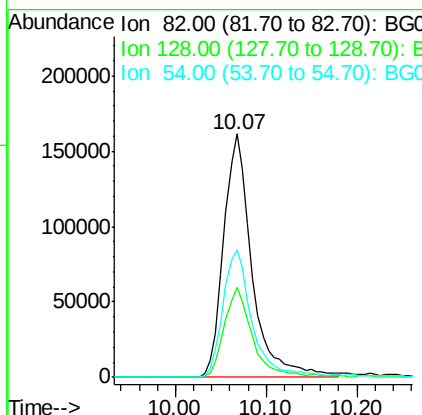
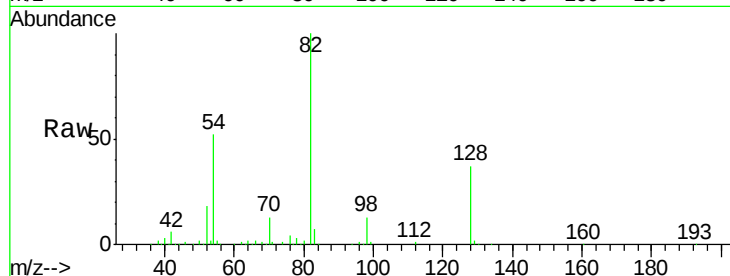




#23
 Nitrobenzene-d5
 Concen: 94.794 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033403.D
 Acq: 29 Mar 2018 1:52

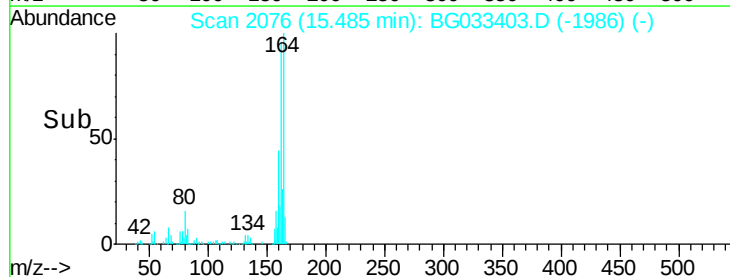
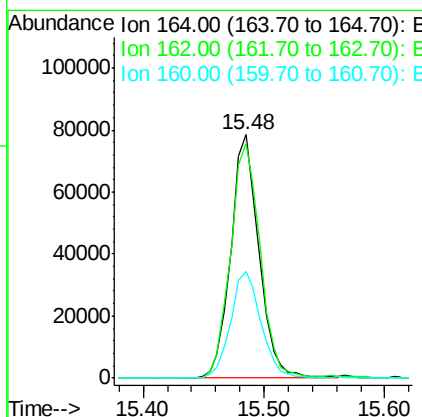
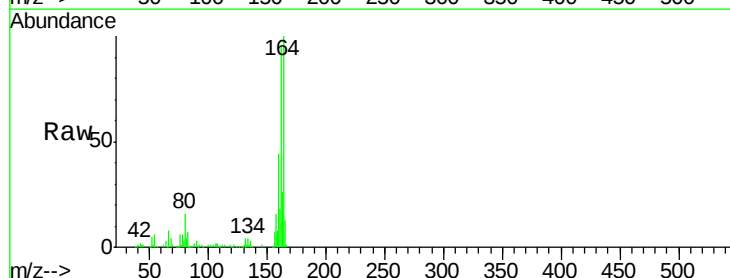
Instrument :
 BNA_G
 ClientSampleId :
 PB107692BL

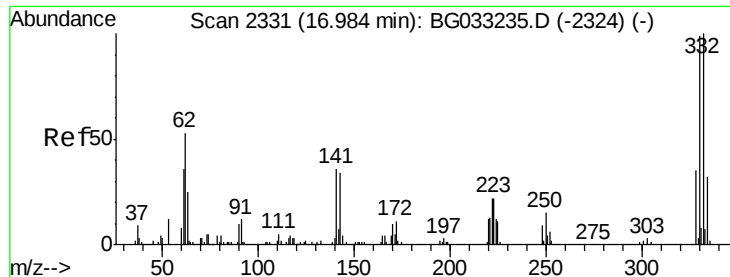
Tot Ion	82	Resp	351389
Ion Ratio	Lower	Upper	
82	100		
128	36.7	29.7	44.5
54	52.0	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG033403.D
 Acq: 29 Mar 2018 1:52

Tgt Ion	164	Resp	127931
Ion Ratio	Lower	Upper	
164	100		
162	96.3	78.8	118.2
160	43.9	35.4	53.0

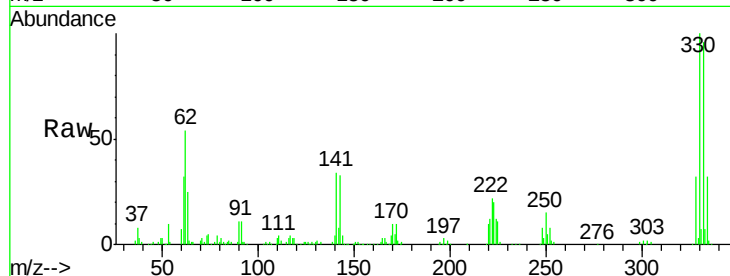




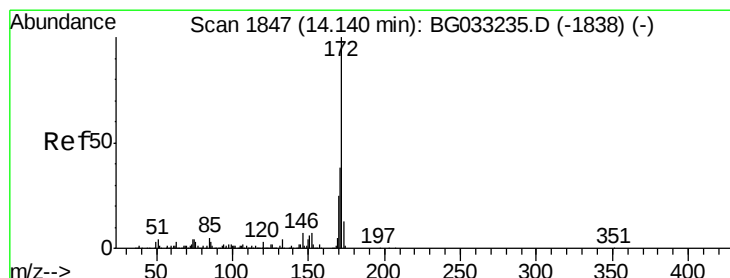
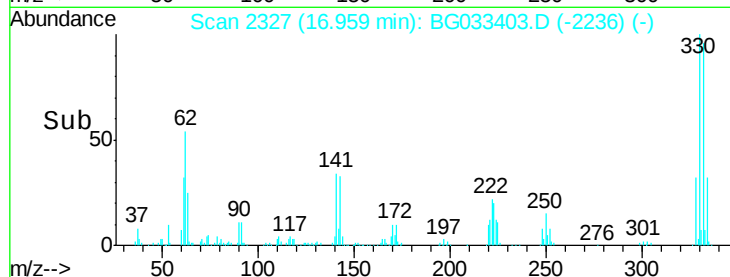
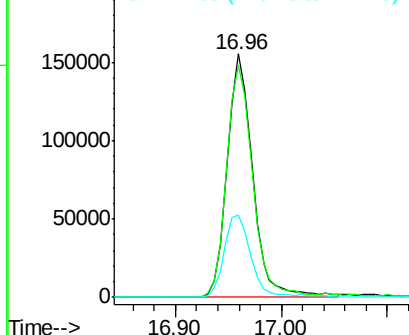
#41
 2,4,6-Tribromophenol
 Concen: 136.189 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033403.D
 Acq: 29 Mar 2018 1:52

Instrument :
 BNA_G
 ClientSampleId :
 PB107692BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.5	77.0	115.6
141	36.1	25.2	37.8

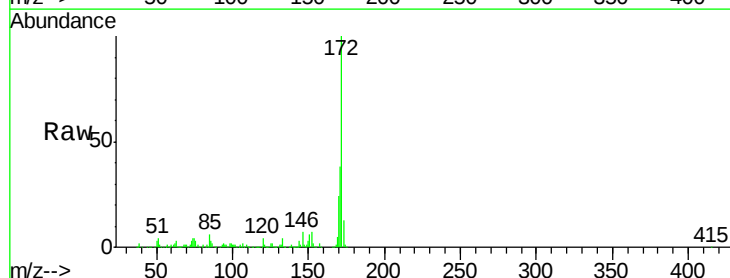


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

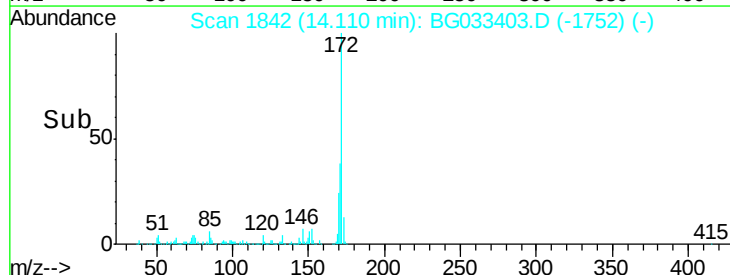
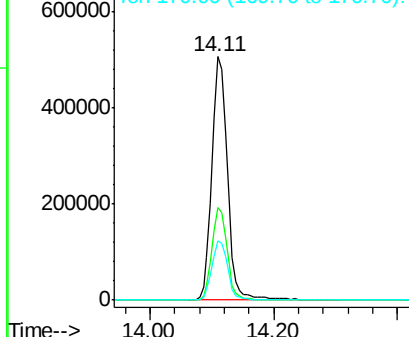


#44
 2-Fluorobiphenyl
 Concen: 98.594 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033403.D
 Acq: 29 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.1	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

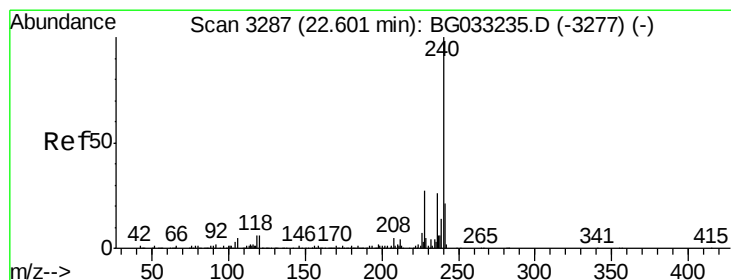
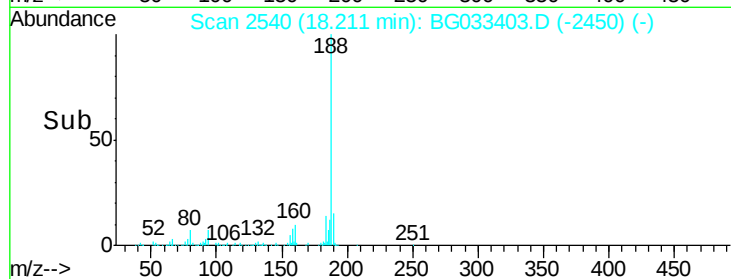
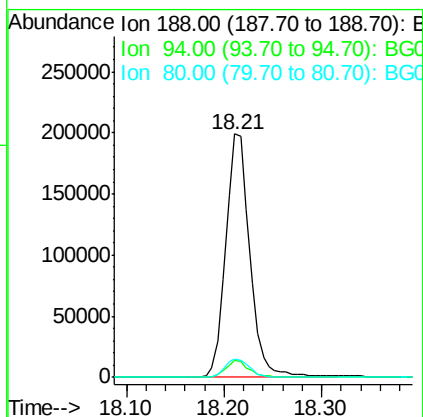
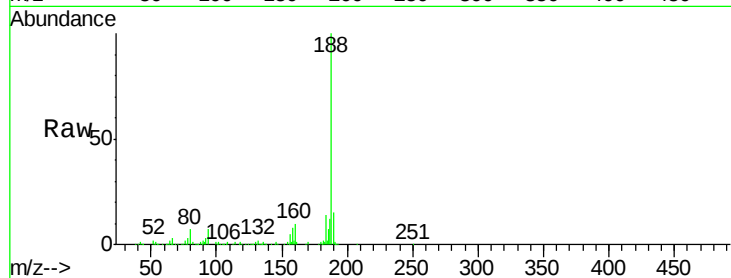




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033403.D
Acq: 29 Mar 2018 1:52

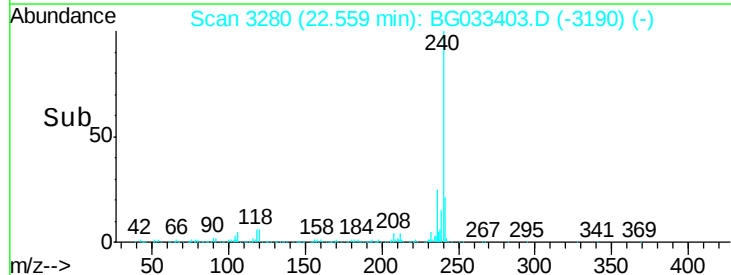
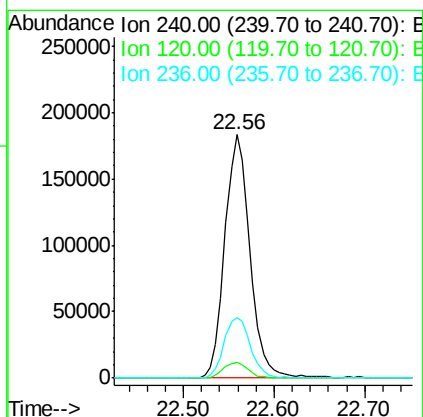
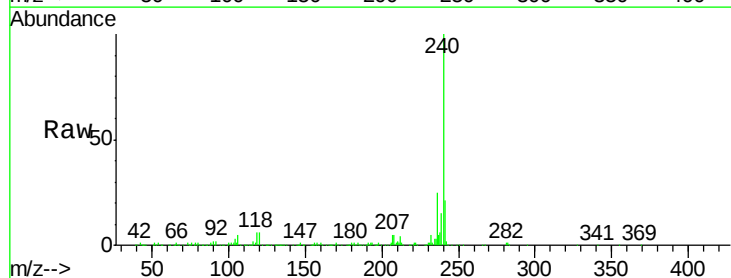
Instrument :
BNA_G
ClientSampled :
PB107692BL

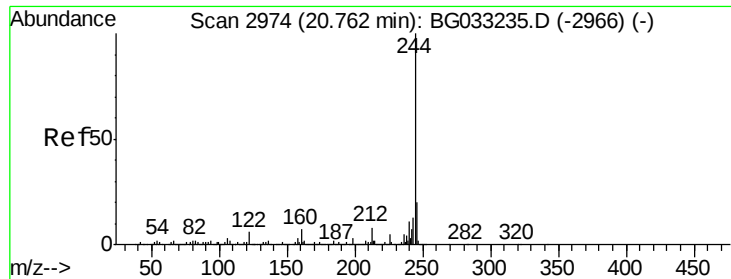
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.2	6.9	10.3
80	7.5	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033403.D
Acq: 29 Mar 2018 1:52

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.3	6.8	10.2#
236	24.9	20.9	31.3





#78

Terphenyl-d14

Concen: 93.960 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033403.D

Acq: 29 Mar 2018 1:52

Instrument :

BNA_G

ClientSampleId :

PB107692BL

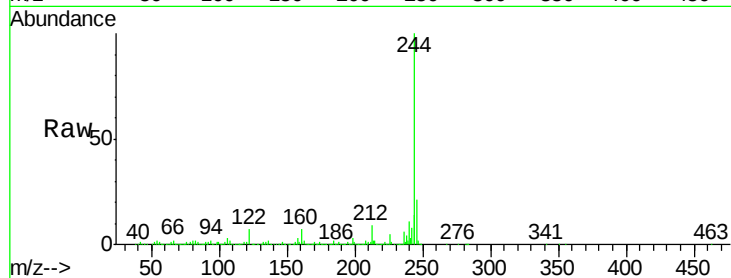
Tot Ion:244 Resp: 1557947

Ion Ratio Lower Upper

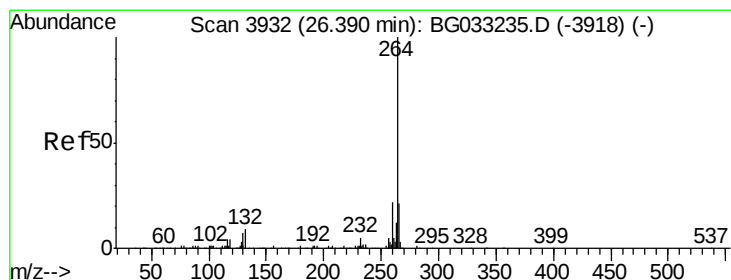
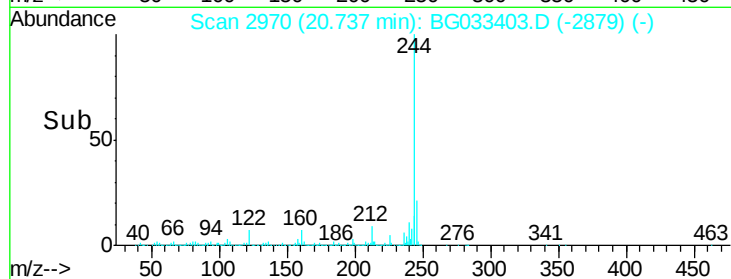
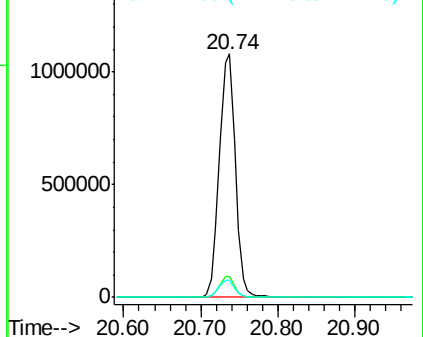
244 100

212 8.6 5.8 8.8

122 6.8 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: 26.32 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033403.D

Acq: 29 Mar 2018 1:52

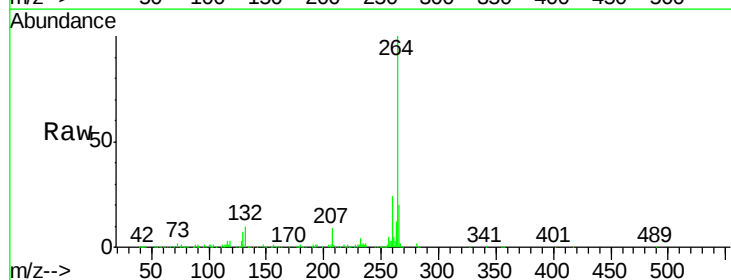
Tgt Ion:264 Resp: 380192

Ion Ratio Lower Upper

264 100

260 23.6 17.4 26.0

265 20.2 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

