

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033409.D
 Acq On : 29 Mar 2018 6:58
 Operator : SJ/JU
 Sample : J1749-06
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618

Quant Time: Mar 29 07:51:09 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	44967	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	183247	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	133645	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	320837	20.00	ng	0.00
75) Chrysene-d12	22.56	240	325559	20.00	ng	0.00
86) Perylene-d12	26.33	264	328893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	377132	157.26	ng	0.00
7) Phenol-d6	7.99	99	506954	123.04	ng	0.00
23) Nitrobenzene-d5	10.07	82	402091	100.81	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	224634	112.38	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	958309	103.52	ng	0.00
78) Terphenyl-d14	20.74	244	1592399	104.61	ng	0.00

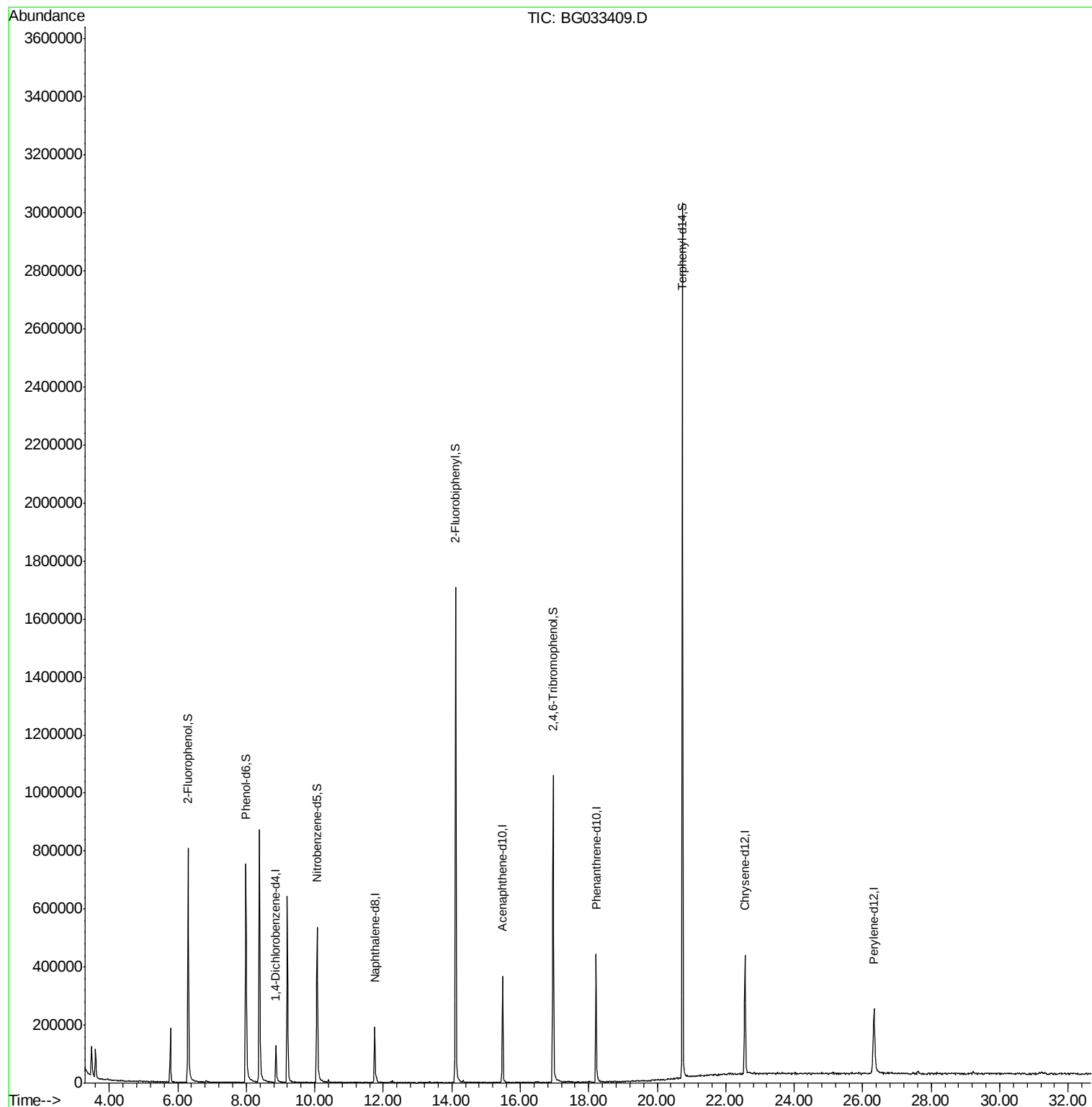
Target Compounds Qvalue

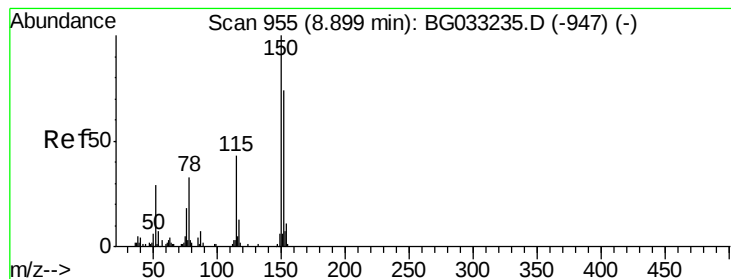
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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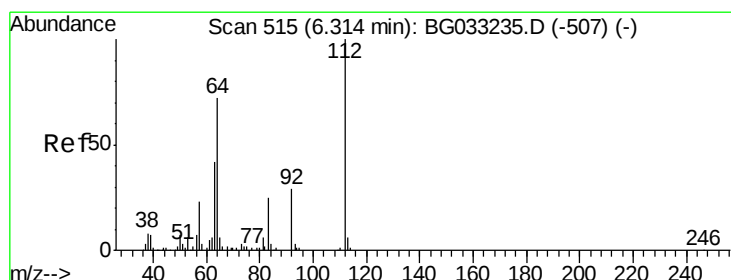
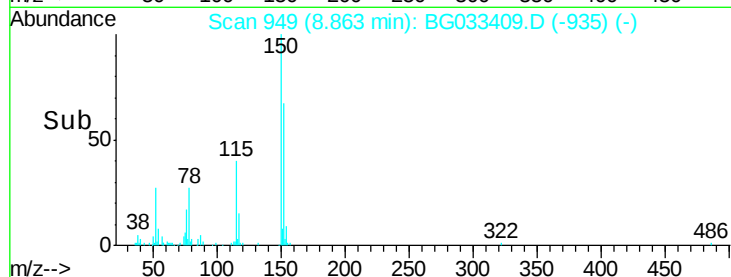
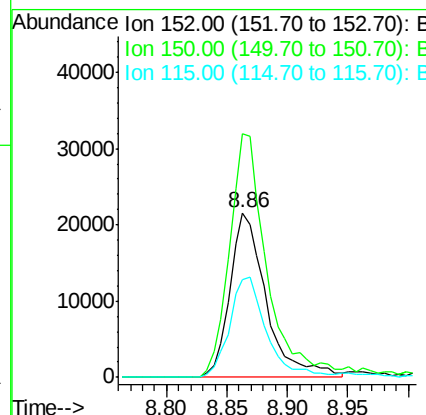
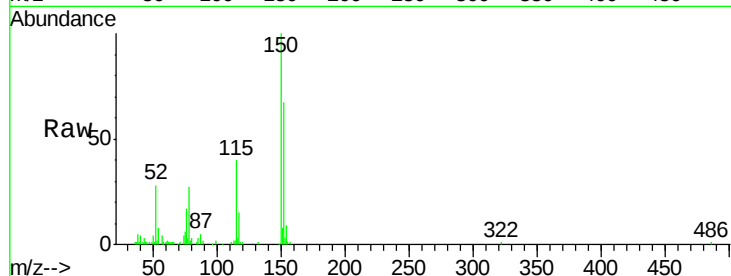


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.02 min
Lab File: BG033409.D
Acq: 29 Mar 2018 6:58

Instrument :
BNA_G
ClientSampleId :
BU-03-032618

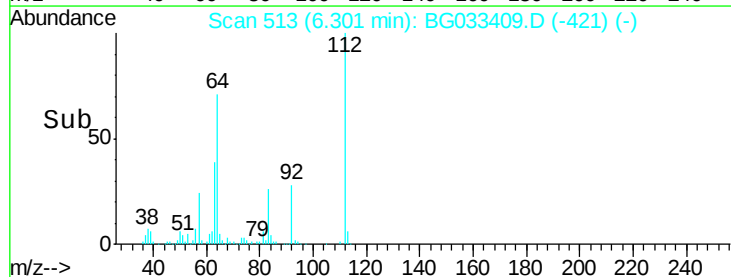
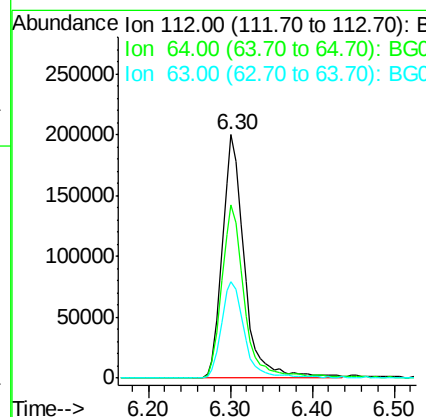
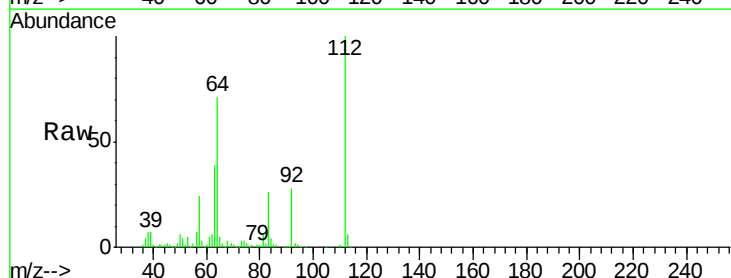
Tot Ion	Ratio	Lower	Upper
152	100		
150	148.2	126.6	189.8
115	59.7	53.0	79.4

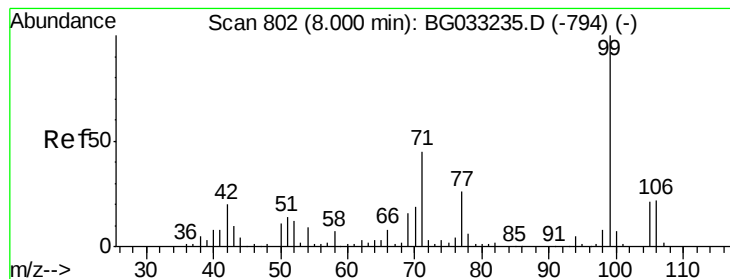


#5

2-Fluorophenol
Concen: 157.264 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033409.D
Acq: 29 Mar 2018 6:58

Tgt Ion	Ratio	Lower	Upper
112	100		
64	70.9	56.3	84.5
63	39.4	30.1	45.1





#7

Phenol-d6

Concen: 123.035 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033409.D

Acq: 29 Mar 2018 6:58

Instrument :

BNA_G

ClientSampleId :

BU-03-032618

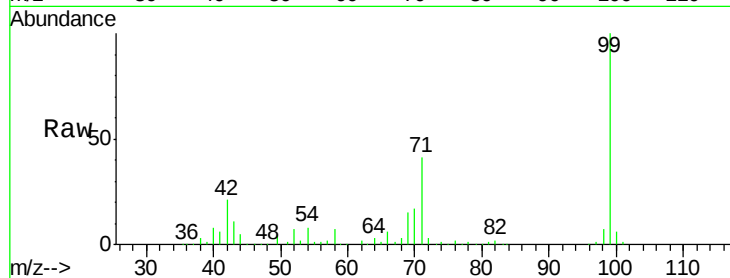
Tot Ion: 99 Resp: 506954

Ion Ratio Lower Upper

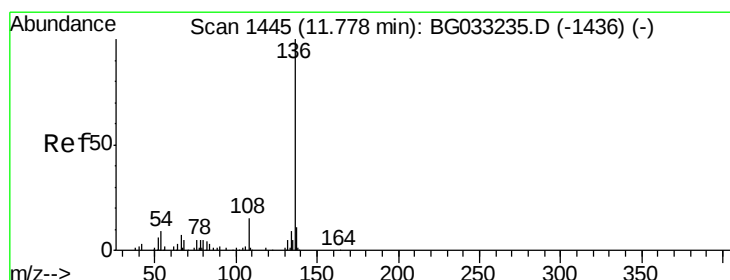
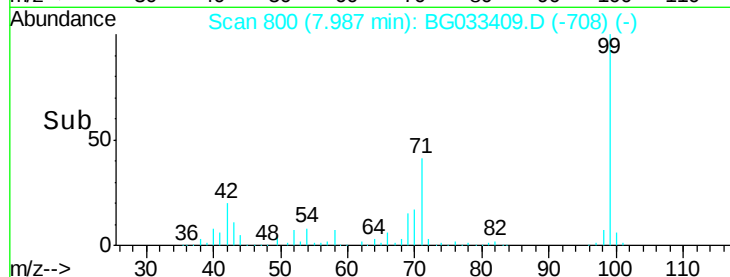
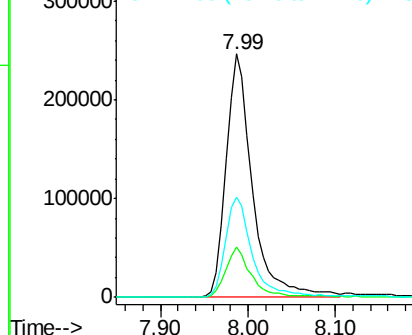
99 100

42 20.6 14.1 21.1

71 41.0 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# 1441

Delta R.T. -0.00 min

Lab File: BG033409.D

Acq: 29 Mar 2018 6:58

Tgt Ion: 136 Resp: 183247

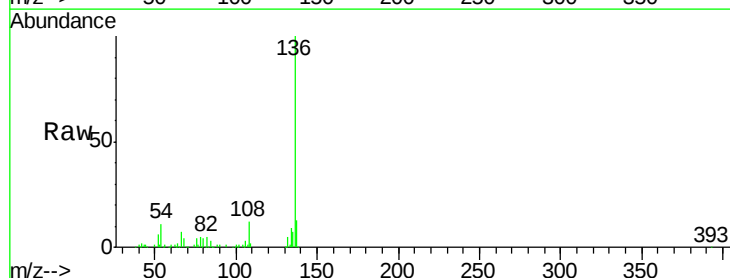
Ion Ratio Lower Upper

136 100

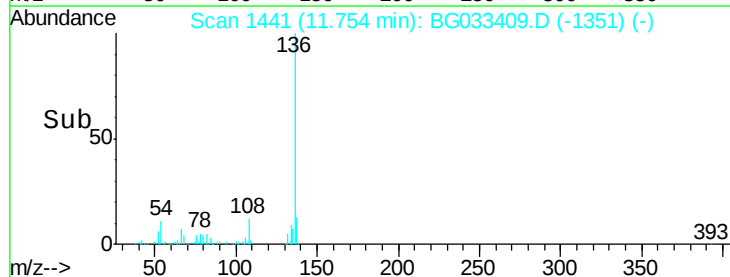
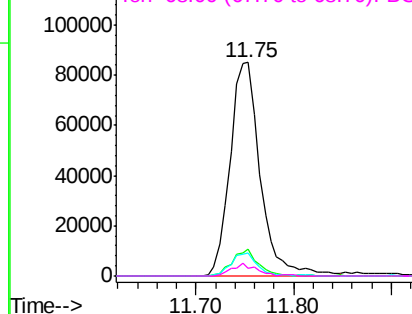
137 12.8 9.2 13.8

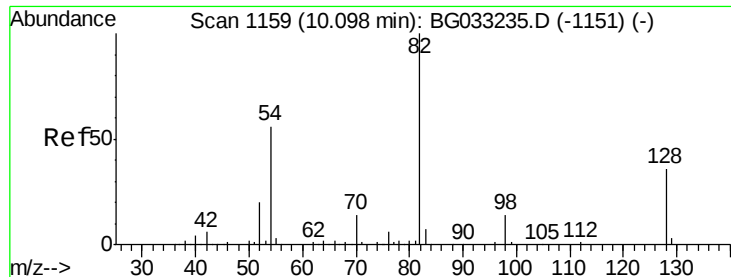
54 10.6 10.3 15.5

68 3.7 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

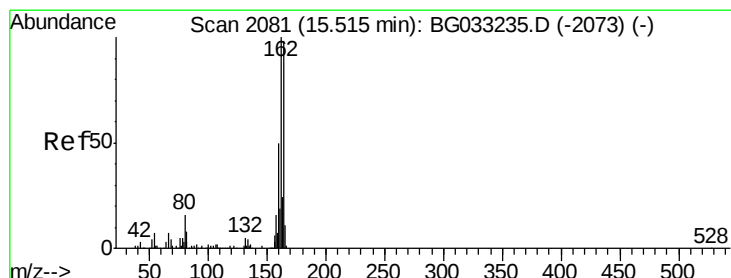
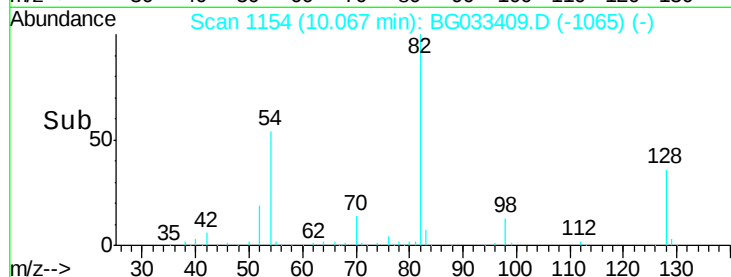
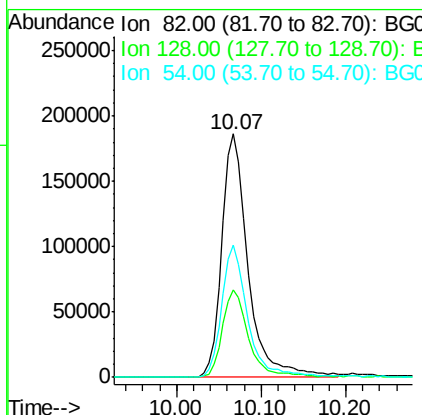
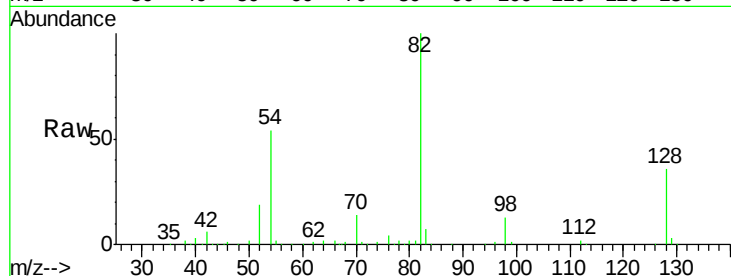




#23
 Nitrobenzene-d5
 Concen: 100.813 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033409.D
 Acq: 29 Mar 2018 6:58

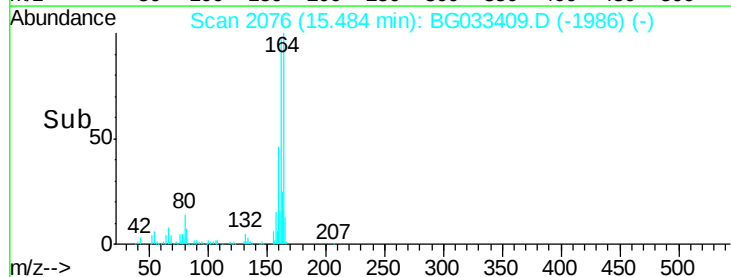
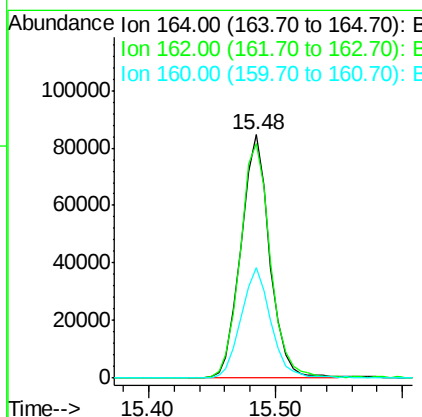
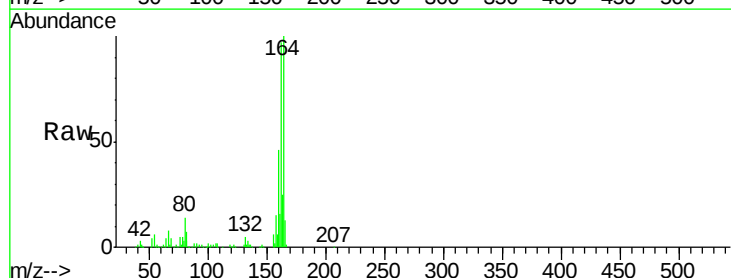
Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618

Tot Ion: 82 Resp: 402091
 Ion Ratio Lower Upper
 82 100
 128 36.0 29.7 44.5
 54 54.3 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: BG033409.D
 Acq: 29 Mar 2018 6:58

Tgt Ion: 164 Resp: 133645
 Ion Ratio Lower Upper
 164 100
 162 96.6 78.8 118.2
 160 45.5 35.4 53.0

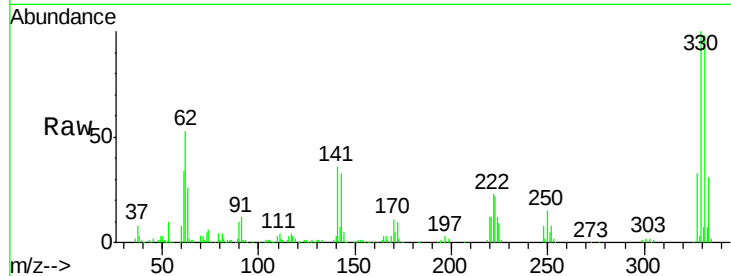




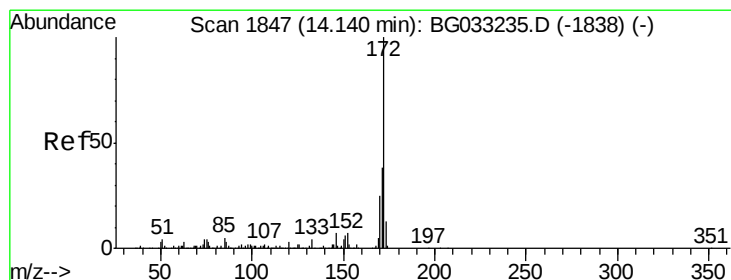
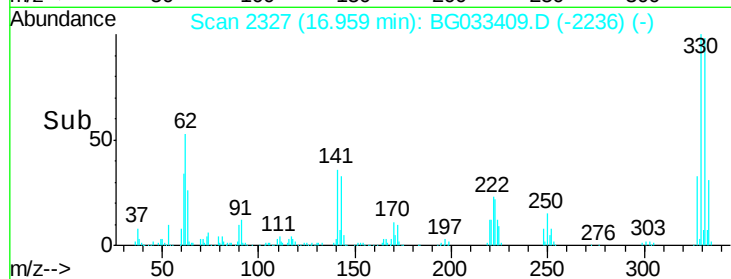
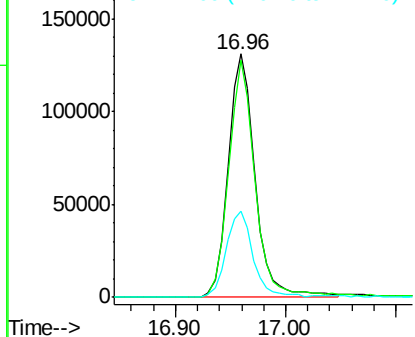
#41
 2,4,6-Tribromophenol
 Concen: 112.383 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033409.D
 Acq: 29 Mar 2018 6:58

Instrument :
 BNA_G
 ClientSampleId :
 BU-03-032618

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	77.0	115.6
141	35.4	25.2	37.8

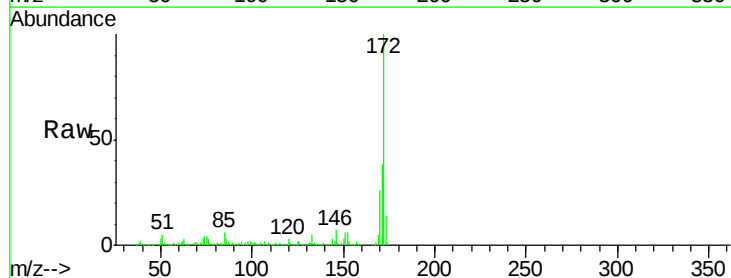


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

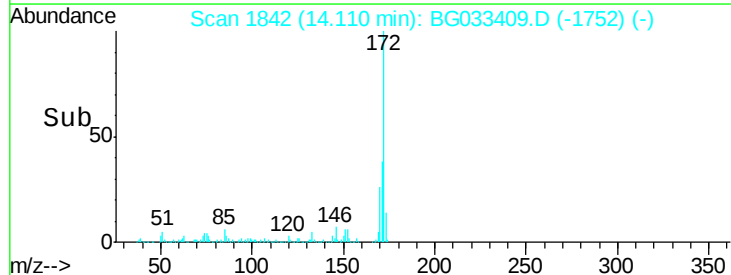
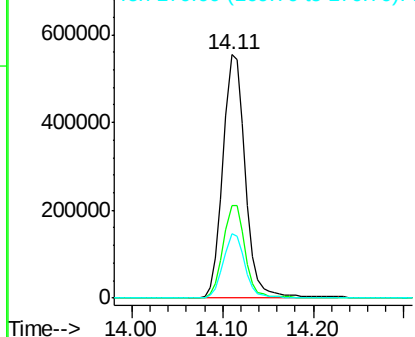


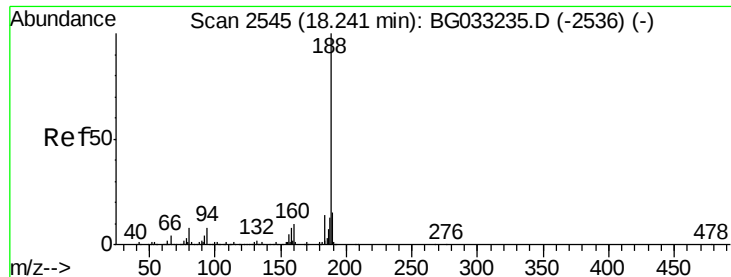
#44
 2-Fluorobiphenyl
 Concen: 103.517 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033409.D
 Acq: 29 Mar 2018 6:58

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	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: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033409.D

Acq: 29 Mar 2018 6:58

Instrument :

BNA_G

ClientSampleId :

BU-03-032618

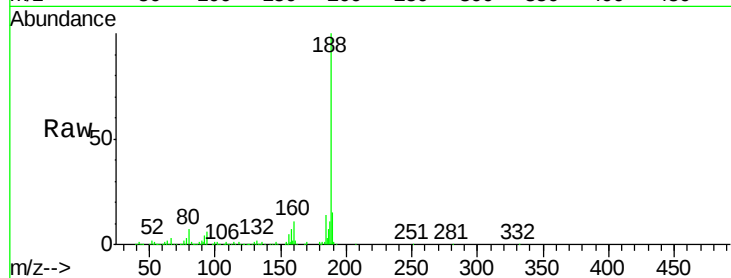
Tot Ion:188 Resp: 320837

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

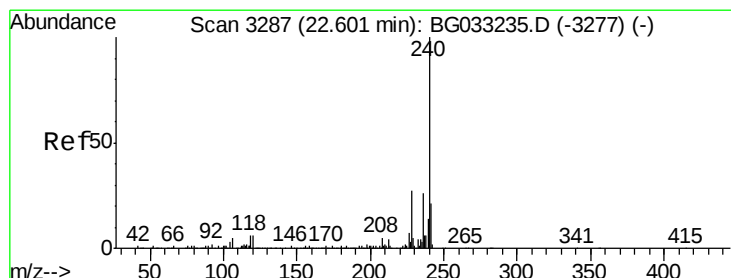
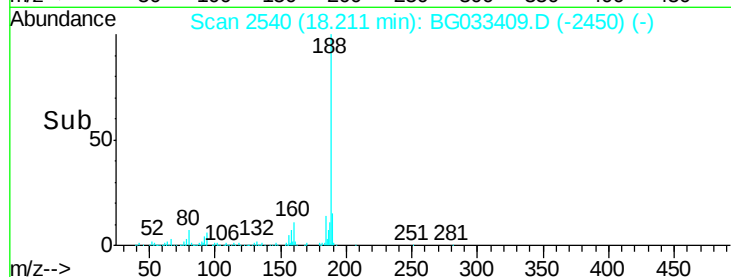
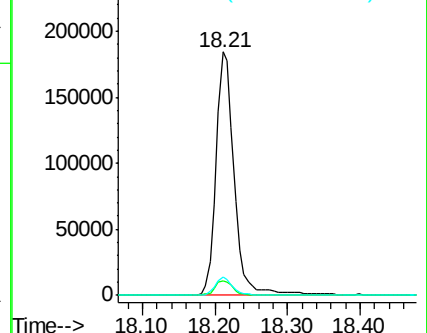
80 7.4 7.7 11.5#



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: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033409.D

Acq: 29 Mar 2018 6:58

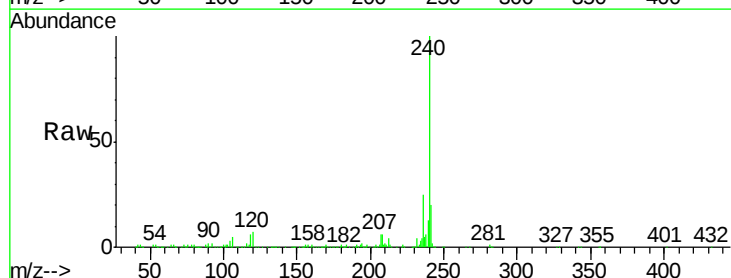
Tgt Ion:240 Resp: 325559

Ion Ratio Lower Upper

240 100

120 6.6 6.8 10.2#

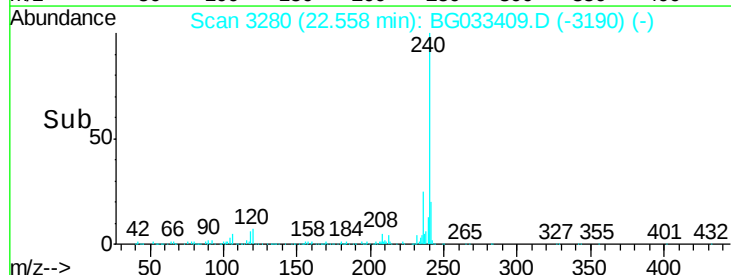
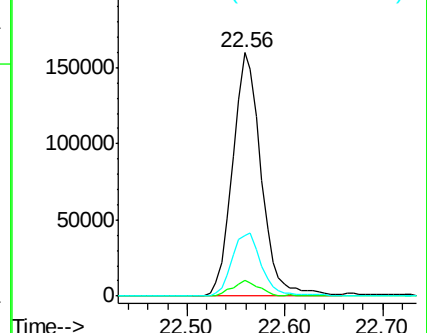
236 24.8 20.9 31.3

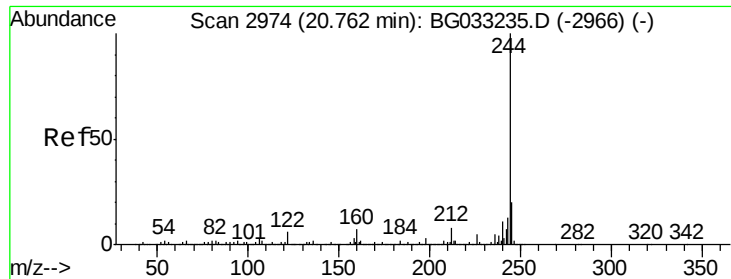


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 104.605 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033409.D

Acq: 29 Mar 2018 6:58

Instrument :

BNA_G

ClientSampleId :

BU-03-032618

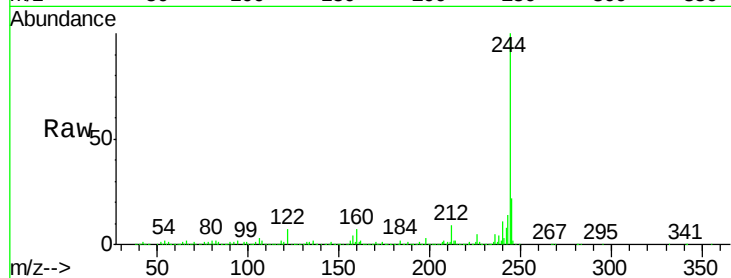
Tot Ion:244 Resp: 1592399

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

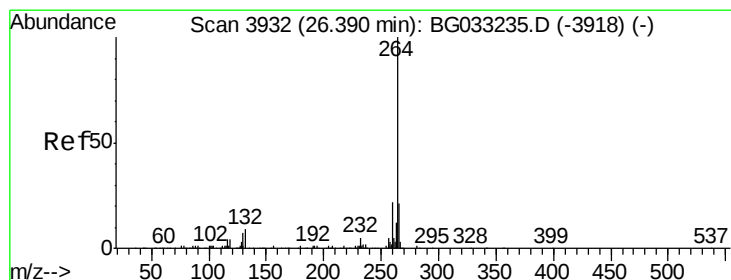
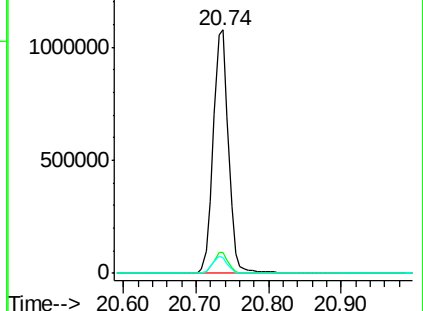
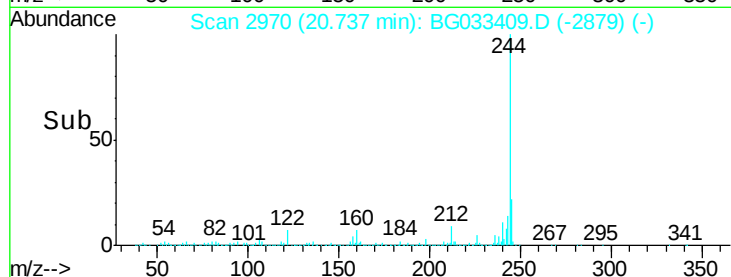
122 6.6 7.0 10.4#



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: 26.33 min Scan# 3922

Delta R.T. -0.00 min

Lab File: BG033409.D

Acq: 29 Mar 2018 6:58

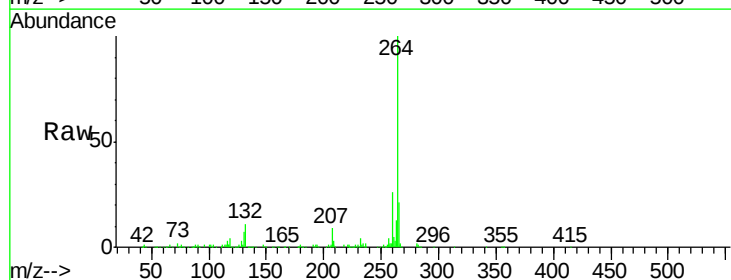
Tgt Ion:264 Resp: 328893

Ion Ratio Lower Upper

264 100

260 26.1 17.4 26.0#

265 21.1 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

