

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
 Data File : BG033949.D
 Acq On : 24 Apr 2018 9:53
 Operator : SJ/JU
 Sample : PB108487BL
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108487BL

Quant Time: Apr 24 12:30:12 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	62497	20.00	ng	0.00
21) Naphthalene-d8	10.61	136	264257	20.00	ng	-0.02
38) Acenaphthene-d10	14.46	164	172327	20.00	ng	-0.02
63) Phenanthrene-d10	17.21	188	493544	20.00	ng	-0.02
75) Chrysene-d12	21.47	240	570871	20.00	ng	-0.02
86) Perylene-d12	24.52	264	569607	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	585534	149.58	ng	0.00
7) Phenol-d6	7.00	99	760578	133.21	ng	0.00
23) Nitrobenzene-d5	8.98	82	456816	98.38	ng	-0.01
41) 2,4,6-Tribromophenol	15.95	330	309967	154.18	ng	-0.02
44) 2-Fluorobiphenyl	13.08	172	1169838	99.72	ng	-0.02
78) Terphenyl-d14	19.84	244	2291937	90.20	ng	-0.02

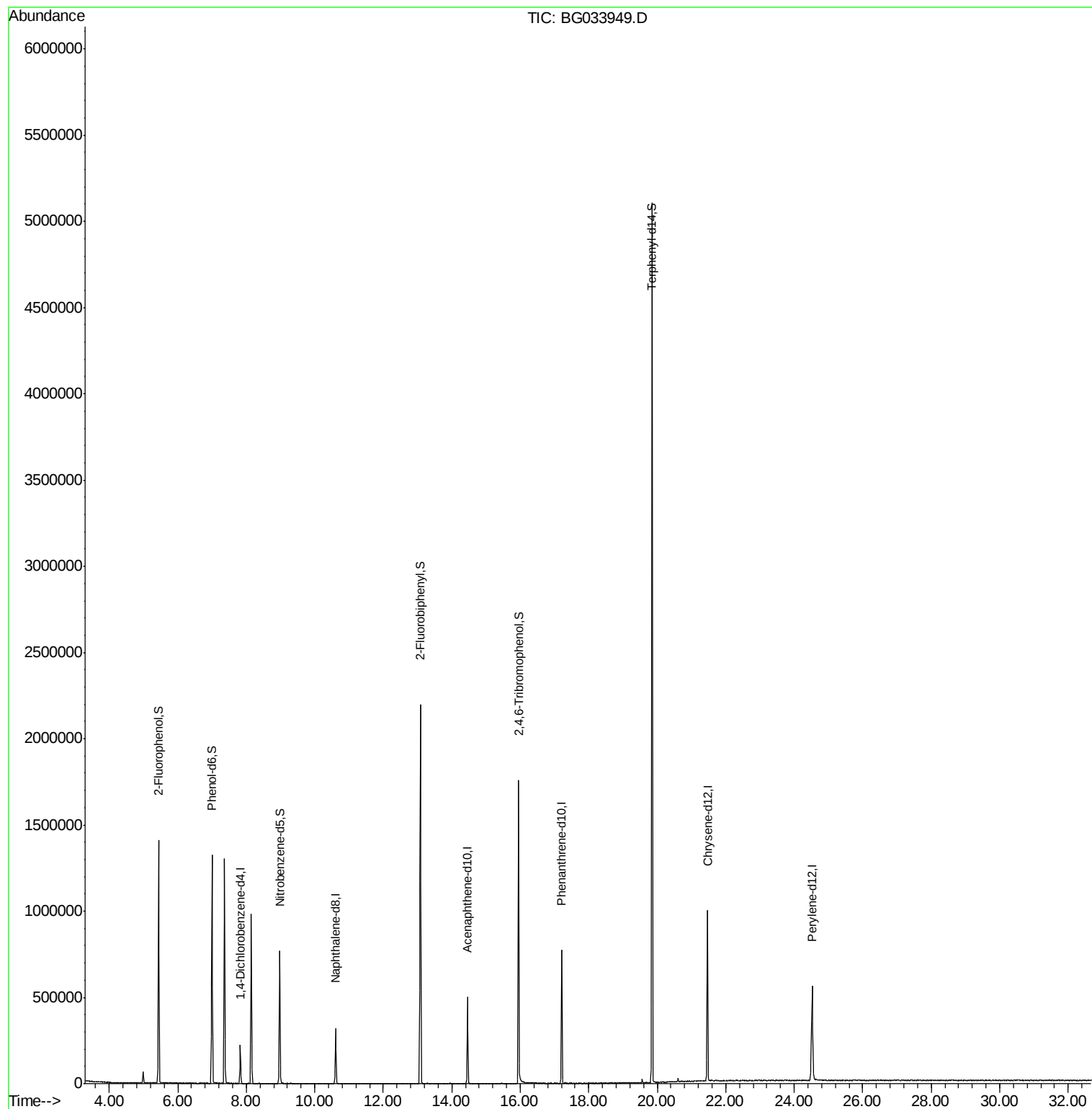
Target Compounds Qvalue

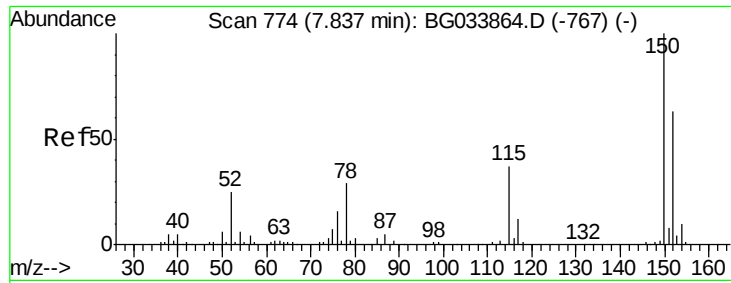
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042318\
Data File : BG033949.D
Acq On : 24 Apr 2018 9:53
Operator : SJ/JU
Sample : PB108487BL
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108487BL

Quant Time: Apr 24 12:30:12 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



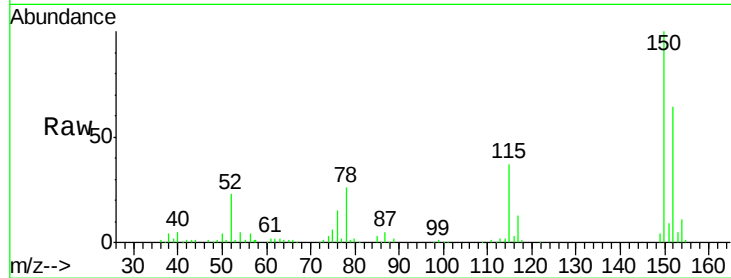


#1

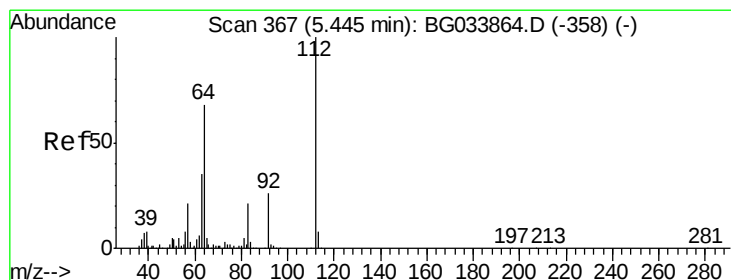
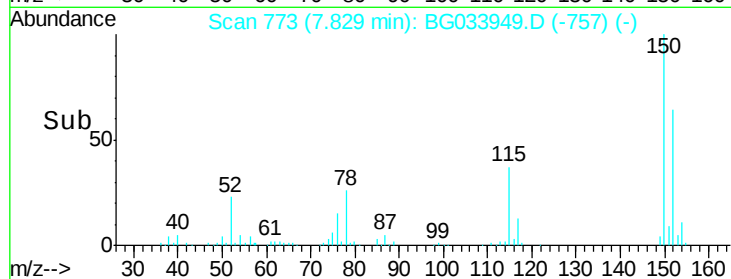
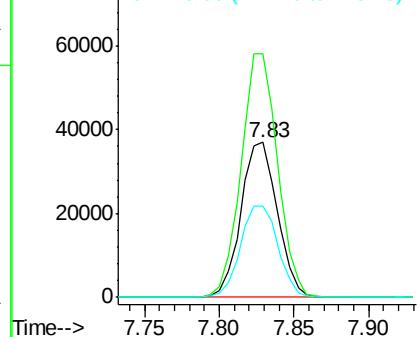
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.83 min Scan# 773
Delta R.T. -0.01 min
Lab File: BG033949.D
Acq: 24 Apr 2018 9:53

Instrument :
BNA_G
ClientSampleId :
PB108487BL

Tot Ion	Ratio	Lower	Upper
152	100		
150	156.8	126.6	189.8
115	58.5	53.0	79.4



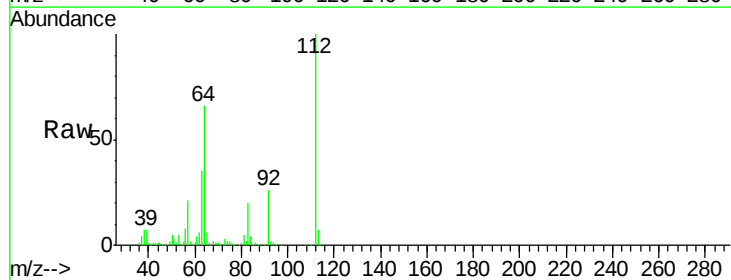
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



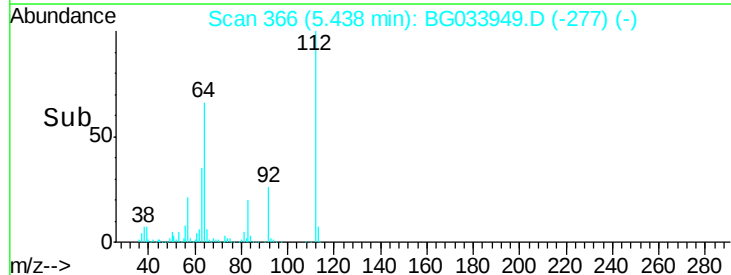
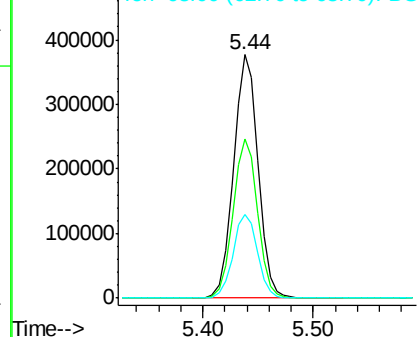
#5

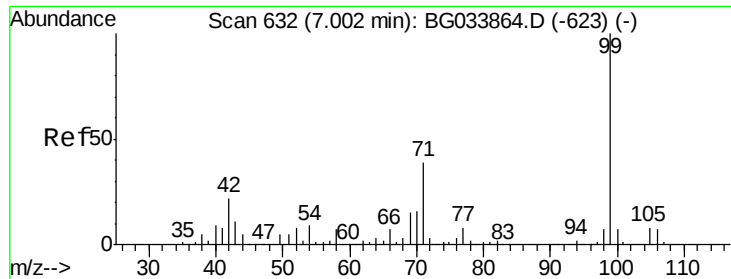
2-Fluorophenol
Concen: 149.579 ng
RT: 5.44 min Scan# 366
Delta R.T. -0.01 min
Lab File: BG033949.D
Acq: 24 Apr 2018 9:53

Tgt Ion	Ratio	Lower	Upper
112	100		
64	65.6	56.3	84.5
63	34.6	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: 133.211 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG033949.D

Acq: 24 Apr 2018 9:53

Instrument :

BNA_G

ClientSampleId :

PB108487BL

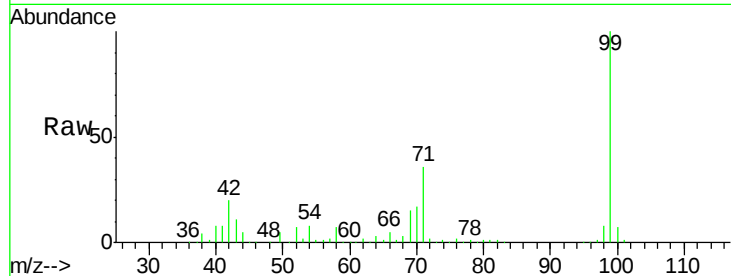
Tot Ion: 99 Resp: 760578

Ion Ratio Lower Upper

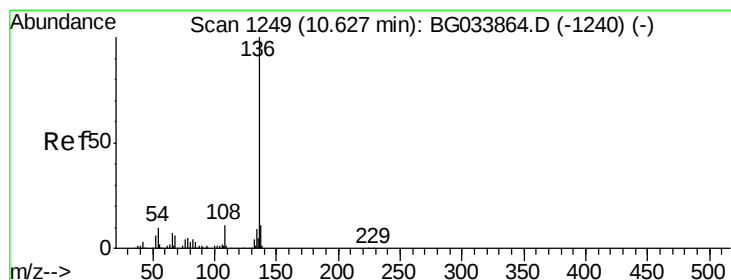
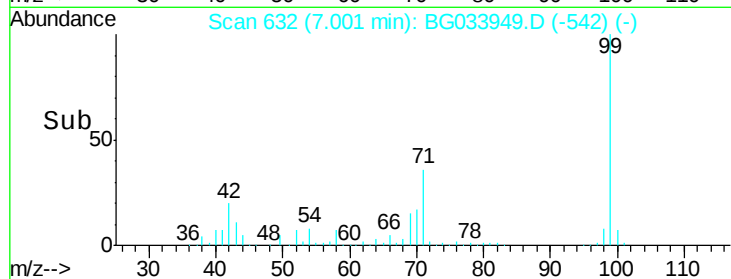
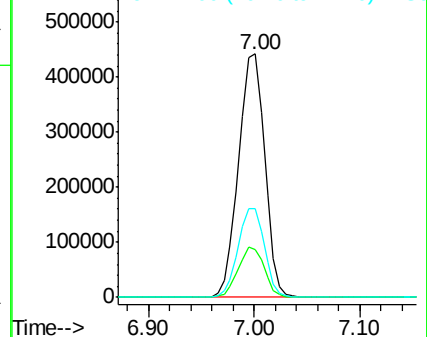
99 100

42 19.7 14.1 21.1

71 36.3 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: BG033949.D

Acq: 24 Apr 2018 9:53

Tgt Ion: 136 Resp: 264257

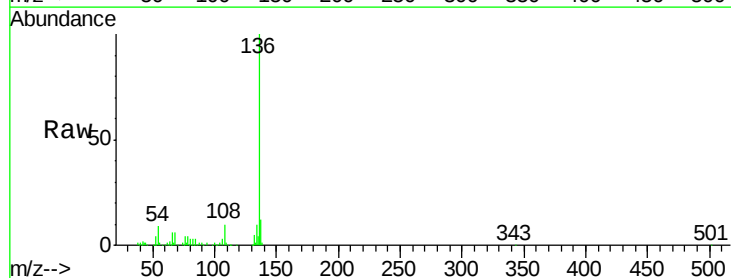
Ion Ratio Lower Upper

136 100

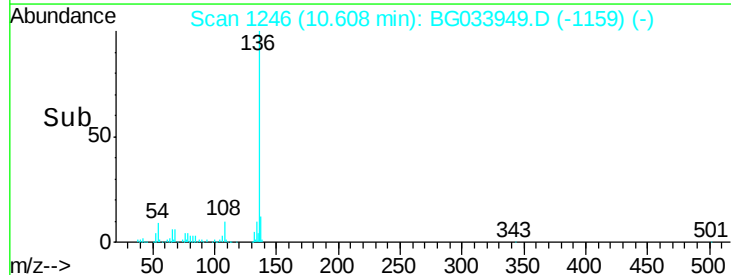
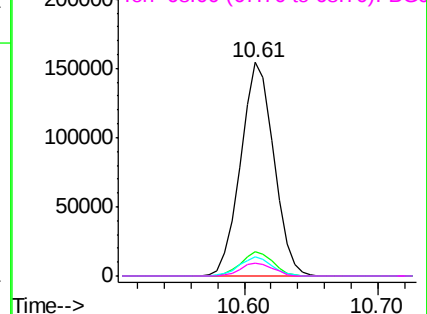
137 11.7 9.2 13.8

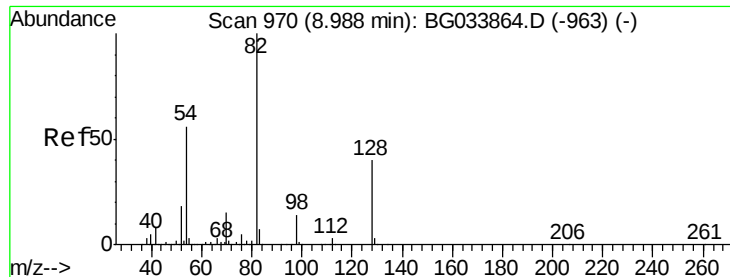
54 8.8 10.3 15.5#

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

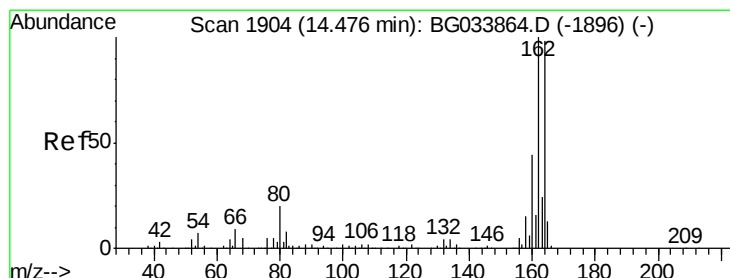
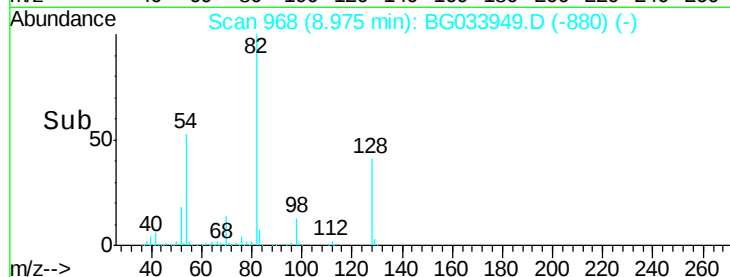
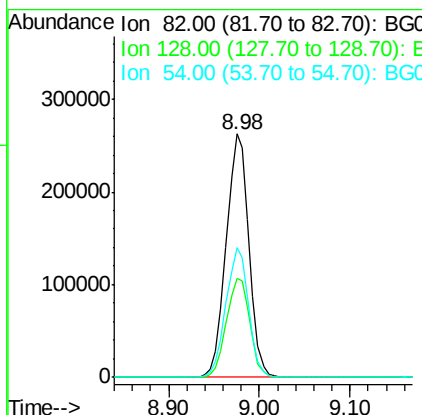
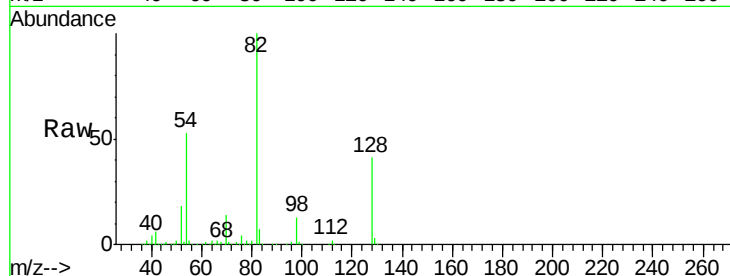




#23
 Nitrobenzene-d5
 Concen: 98.379 ng
 RT: 8.98 min Scan# 968
 Delta R.T. -0.01 min
 Lab File: BG033949.D
 Acq: 24 Apr 2018 9:53

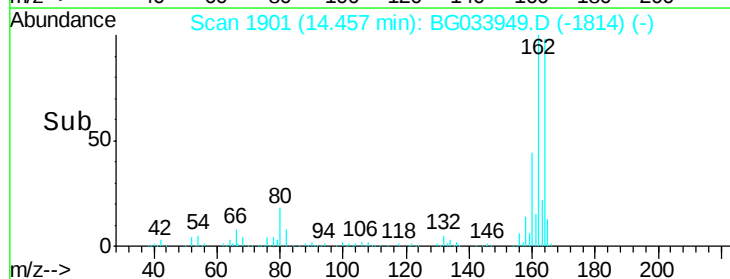
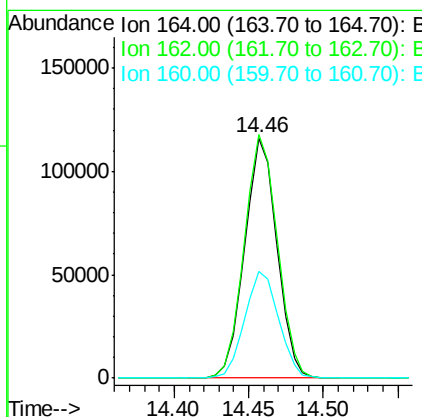
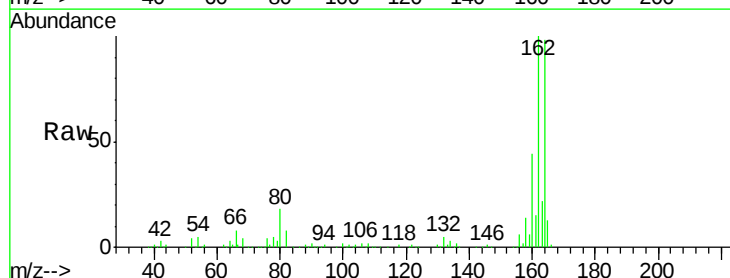
Instrument :
 BNA_G
 ClientSampleId :
 PB108487BL

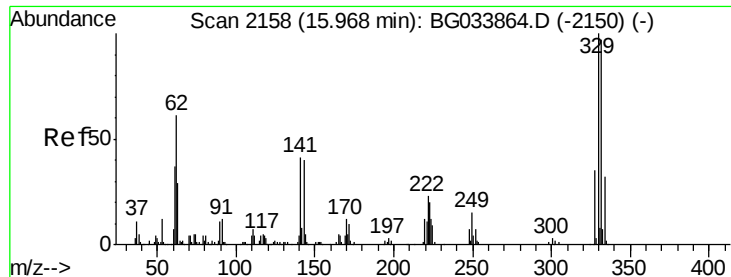
Tot Ion	82	Resp	456816
Ion Ratio	Lower	Upper	
82	100		
128	40.9	29.7	44.5
54	53.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.46 min Scan# 1901
 Delta R.T. -0.02 min
 Lab File: BG033949.D
 Acq: 24 Apr 2018 9:53

Tgt Ion	164	Resp	172327
Ion Ratio	Lower	Upper	
164	100		
162	101.5	78.8	118.2
160	44.4	35.4	53.0

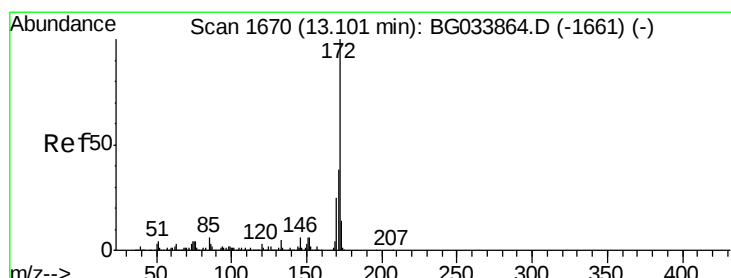
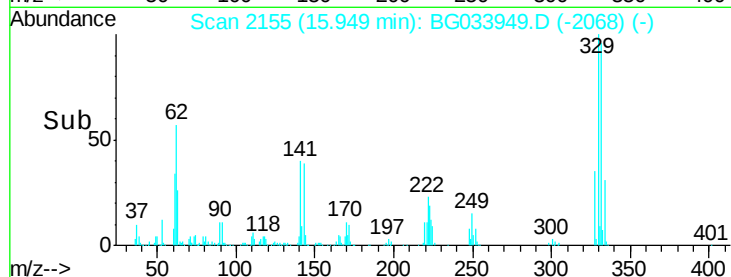
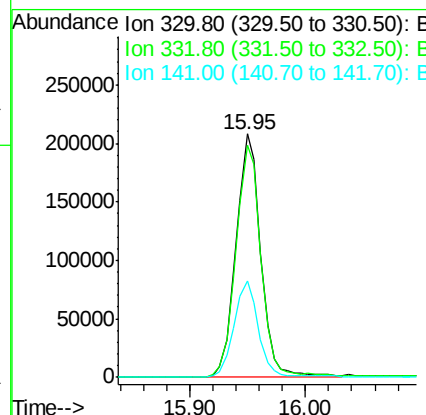
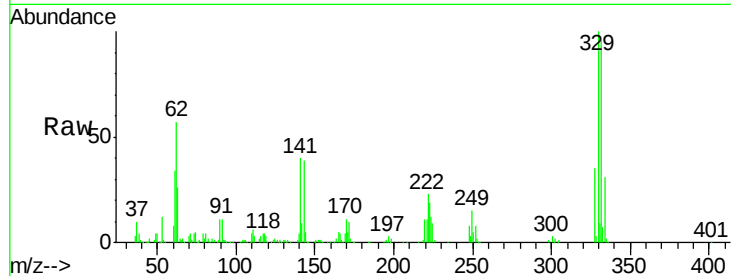




#41
 2,4,6-Tribromophenol
 Concen: 154.176 ng
 RT: 15.95 min Scan# 2155
 Delta R.T. -0.02 min
 Lab File: BG033949.D
 Acq: 24 Apr 2018 9:53

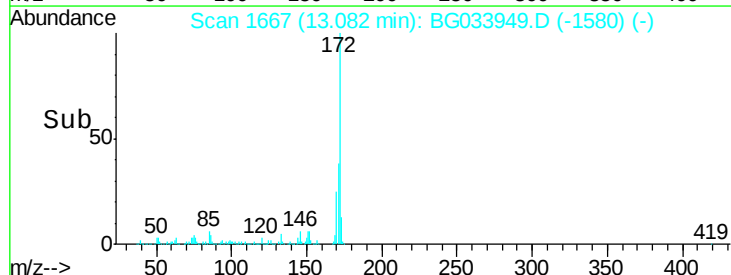
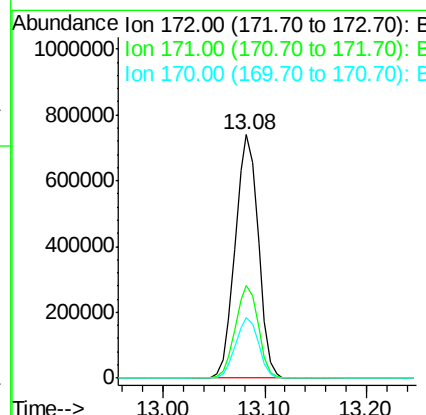
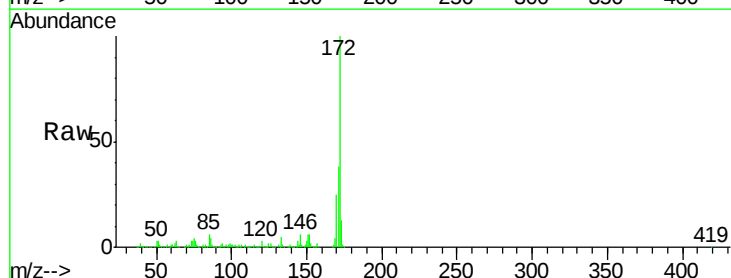
Instrument :
 BNA_G
 ClientSampleId :
 PB108487BL

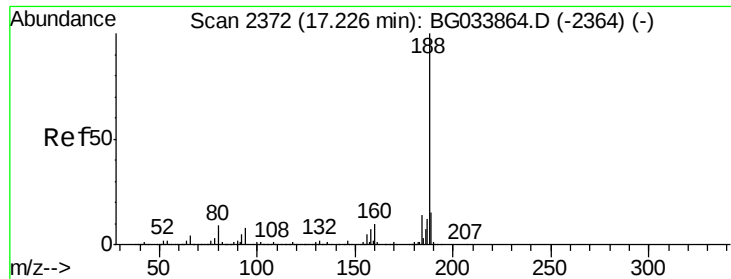
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	39.0	25.2	37.8#



#44
 2-Fluorobiphenyl
 Concen: 99.724 ng
 RT: 13.08 min Scan# 1667
 Delta R.T. -0.02 min
 Lab File: BG033949.D
 Acq: 24 Apr 2018 9:53

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	24.8	19.5	29.3

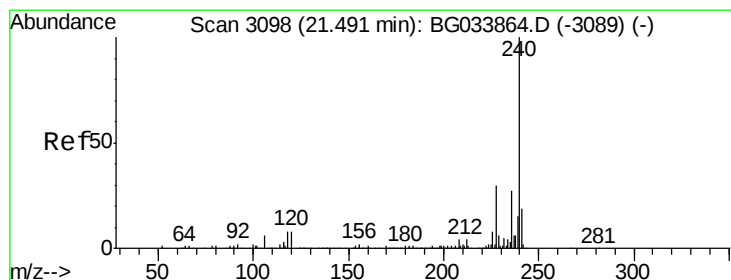
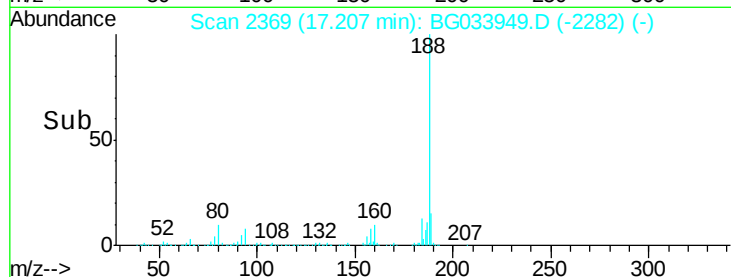
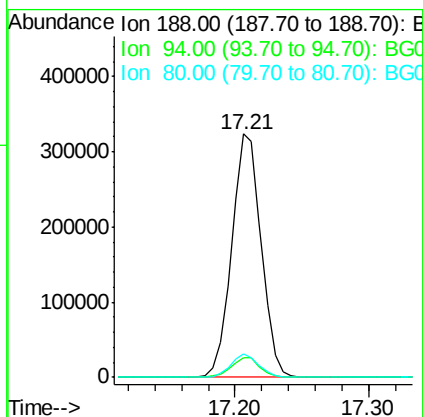
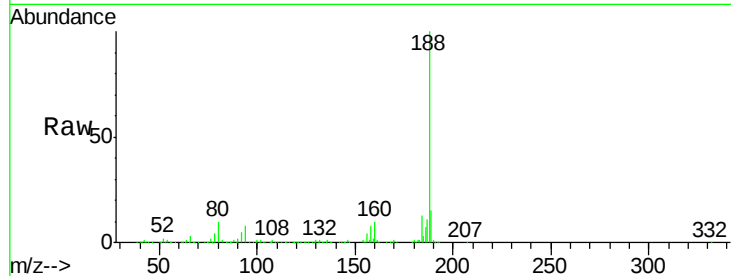




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.21 min Scan# 2369
Delta R.T. -0.02 min
Lab File: BG033949.D
Acq: 24 Apr 2018 9:53

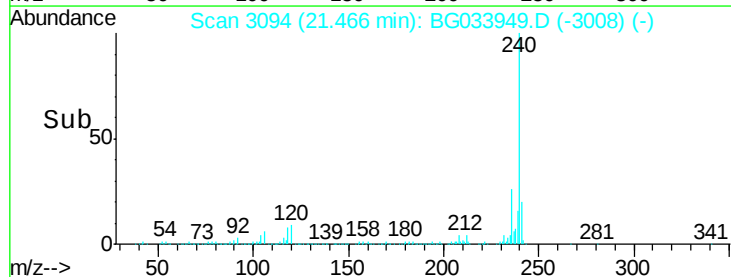
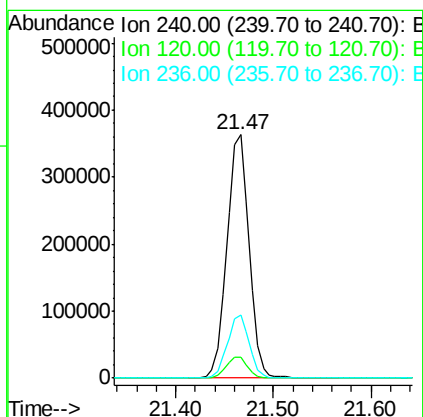
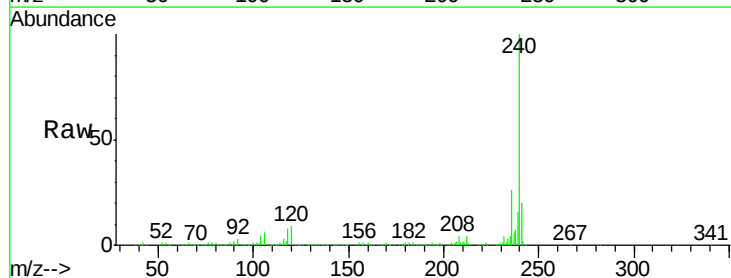
Instrument :
BNA_G
ClientSampleId :
PB108487BL

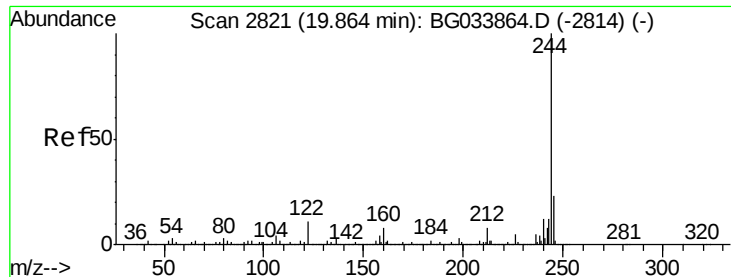
Tot Ion:188 Resp: 493544
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.6 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.47 min Scan# 3094
Delta R.T. -0.02 min
Lab File: BG033949.D
Acq: 24 Apr 2018 9:53

Tgt Ion:240 Resp: 570871
Ion Ratio Lower Upper
240 100
120 8.7 6.8 10.2
236 25.7 20.9 31.3





#78

Terphenyl-d14

Concen: 90.197 ng

RT: 19.84 min Scan# 2818

Delta R.T. -0.02 min

Lab File: BG033949.D

Acq: 24 Apr 2018 9:53

Instrument :

BNA_G

ClientSampleId :

PB108487BL

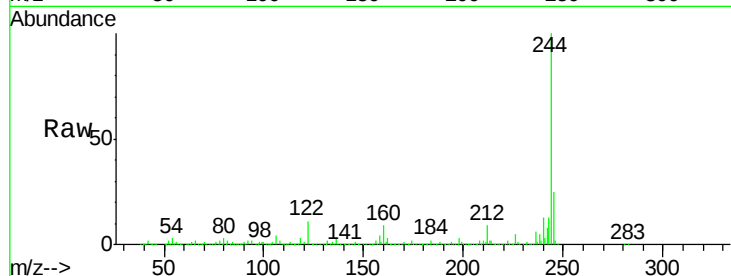
Tot Ion:244 Resp: 2291937

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

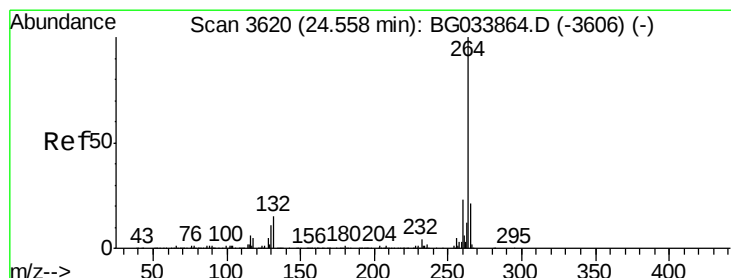
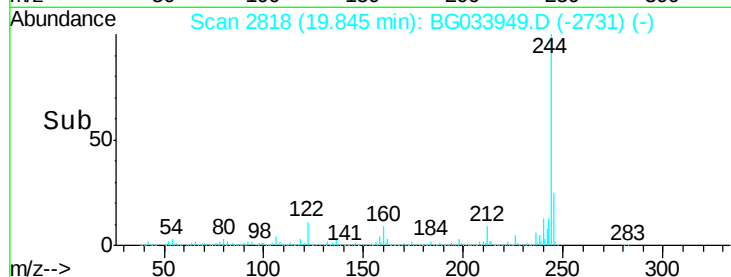
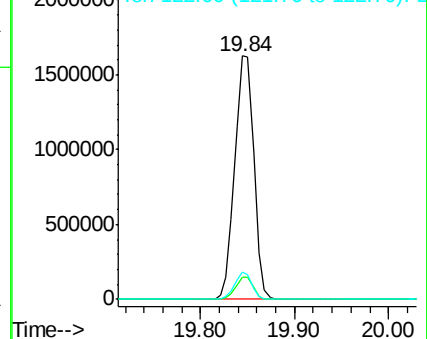
122 11.5 7.0 10.4#



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: 24.52 min Scan# 3614

Delta R.T. -0.04 min

Lab File: BG033949.D

Acq: 24 Apr 2018 9:53

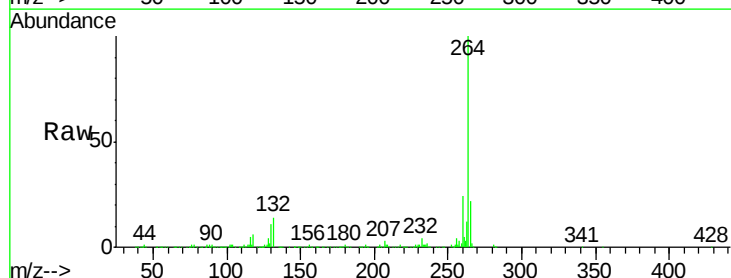
Tgt Ion:264 Resp: 569607

Ion Ratio Lower Upper

264 100

260 24.3 17.4 26.0

265 22.0 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

