

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042618\
 Data File : BG034033.D
 Acq On : 27 Apr 2018 5:00
 Operator : SJ/JU
 Sample : PB108616BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BL

Quant Time: Apr 27 07:30:29 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	7.82	152	52077	20.00	ng	-0.02
21) Naphthalene-d8	10.60	136	236772	20.00	ng	-0.02
38) Acenaphthene-d10	14.45	164	189253	20.00	ng	-0.03
63) Phenanthrene-d10	17.20	188	557536	20.00	ng	-0.02
75) Chrysene-d12	21.45	240	626858	20.00	ng	-0.04
86) Perylene-d12	24.49	264	628062	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.43	112	269932	82.75	ng	-0.01
7) Phenol-d6	7.00	99	352721	74.14	ng	0.00
23) Nitrobenzene-d5	8.97	82	363937	87.47	ng	-0.02
41) 2,4,6-Tribromophenol	15.94	330	215126	97.43	ng	-0.03
44) 2-Fluorobiphenyl	13.07	172	1177844	91.43	ng	-0.03
78) Terphenyl-d14	19.83	244	2484994	89.06	ng	-0.03

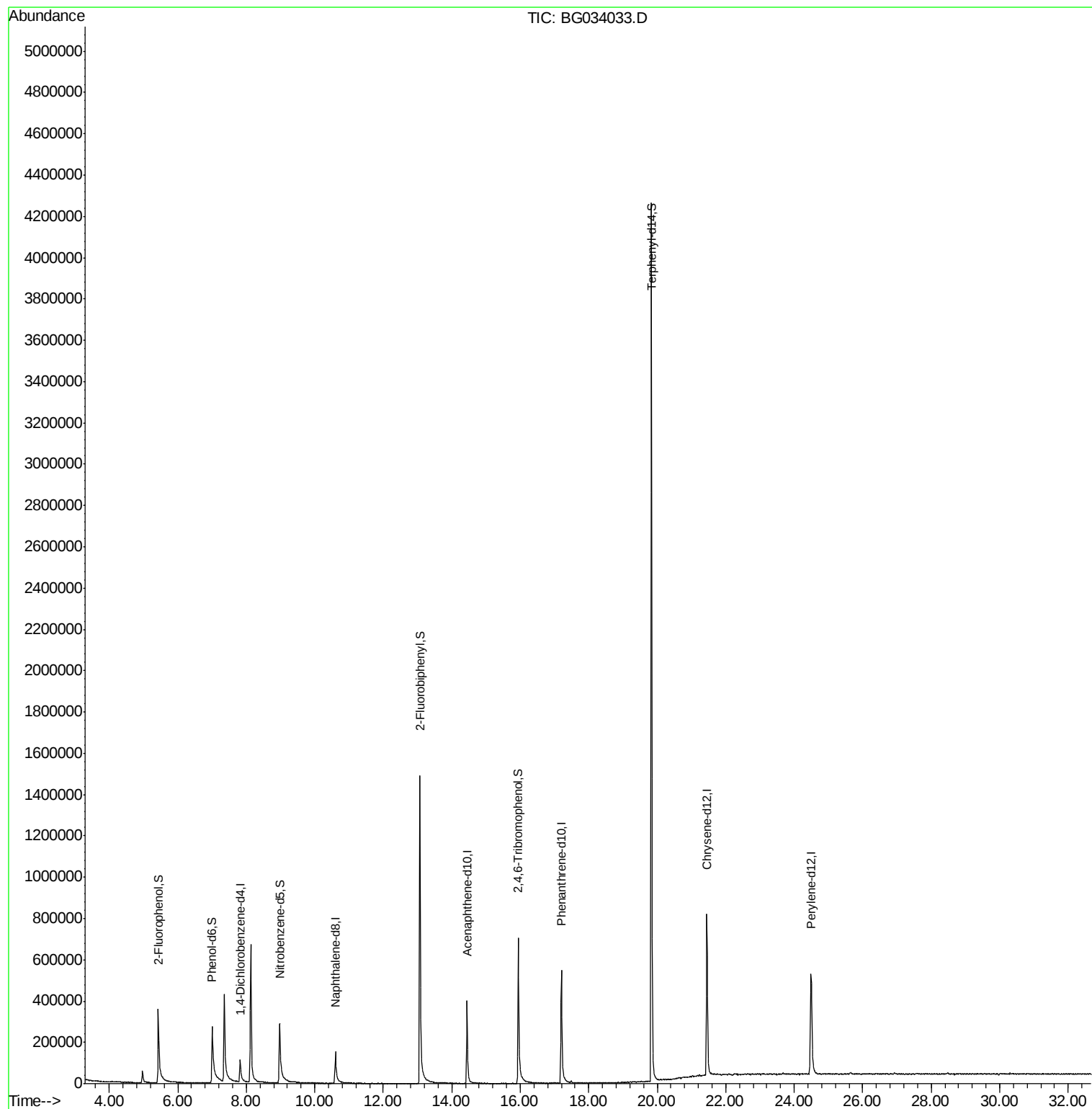
Target Compounds Qvalue

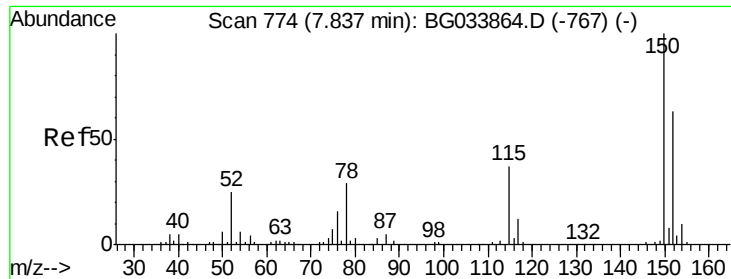
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG042618\
Data File : BG034033.D
Acq On : 27 Apr 2018 5:00
Operator : SJ/JU
Sample : PB108616BL
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB108616BL

Quant Time: Apr 27 07:30:29 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

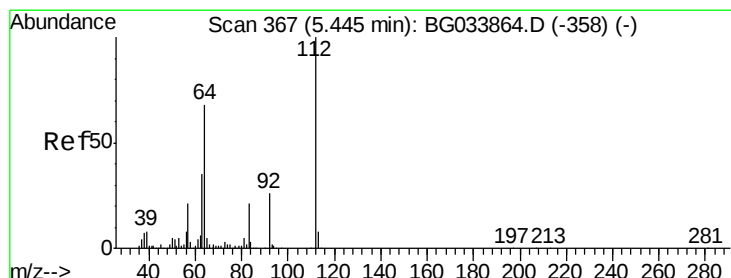
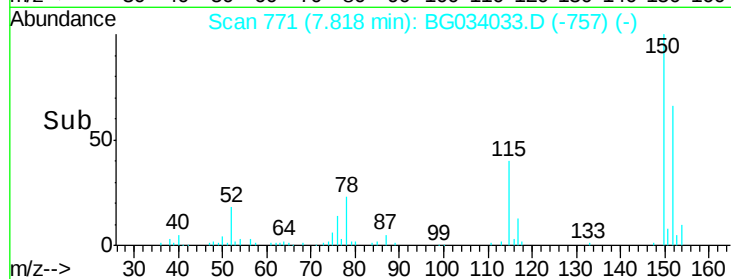
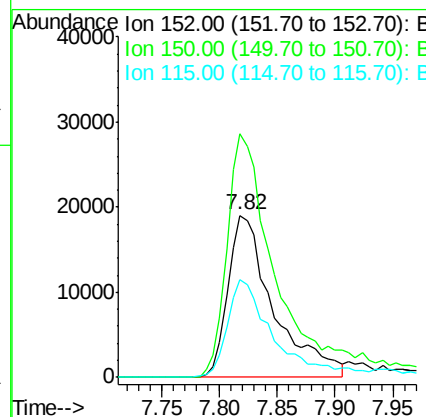
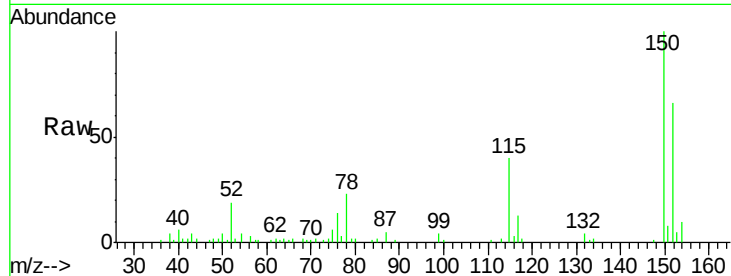




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.82 min Scan# 771
 Delta R.T. -0.02 min
 Lab File: BG034033.D
 Acq: 27 Apr 2018 5:00

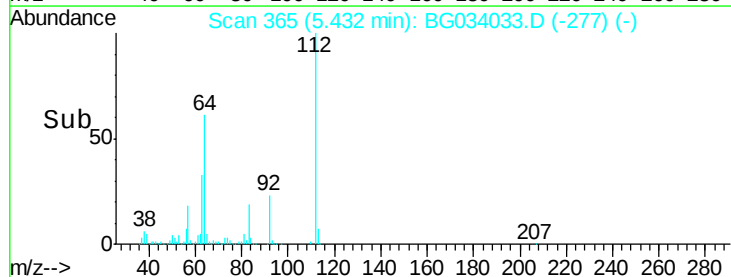
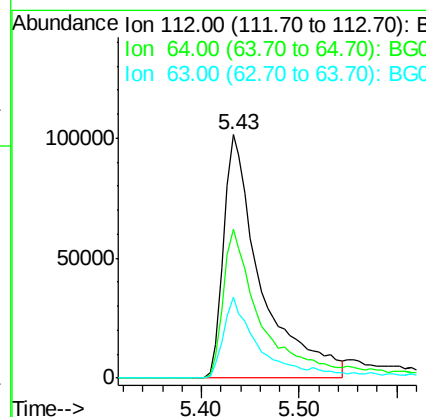
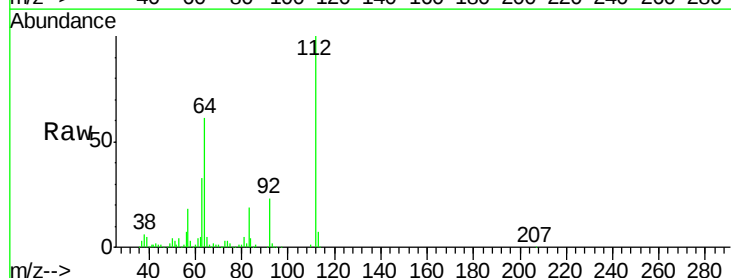
Instrument :
 BNA_G
 ClientSampleId :
 PB108616BL

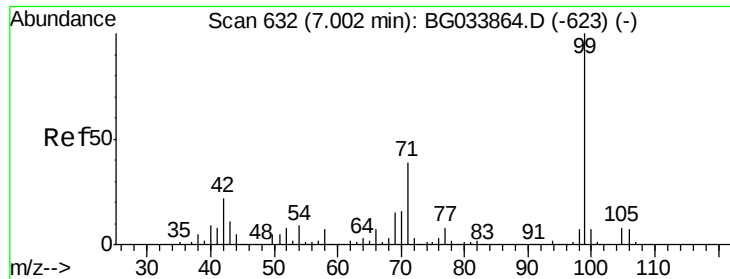
Tot Ion	152	Resp	52077
Ion Ratio	100	Lower	Upper
152	100		
150	150.5	126.6	189.8
115	60.7	53.0	79.4



#5
 2-Fluorophenol
 Concen: 82.753 ng
 RT: 5.43 min Scan# 365
 Delta R.T. -0.01 min
 Lab File: BG034033.D
 Acq: 27 Apr 2018 5:00

Tgt Ion	112	Resp	269932
Ion Ratio	100	Lower	Upper
112	100		
64	61.0	56.3	84.5
63	33.3	30.1	45.1





#7

Phenol-d6

Concen: 74.138 ng

RT: 7.00 min Scan# 632

Delta R.T. -0.00 min

Lab File: BG034033.D

Acq: 27 Apr 2018 5:00

Instrument :

BNA_G

ClientSampleId :

PB108616BL

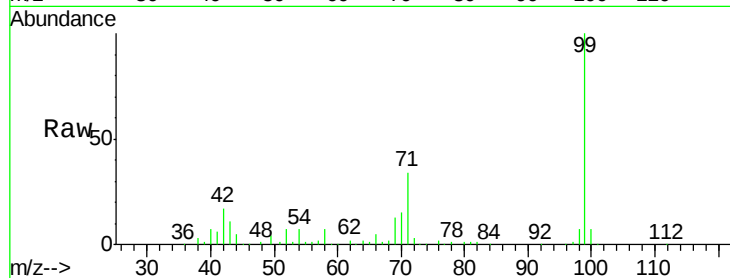
Tot Ion: 99 Resp: 352721

Ion Ratio Lower Upper

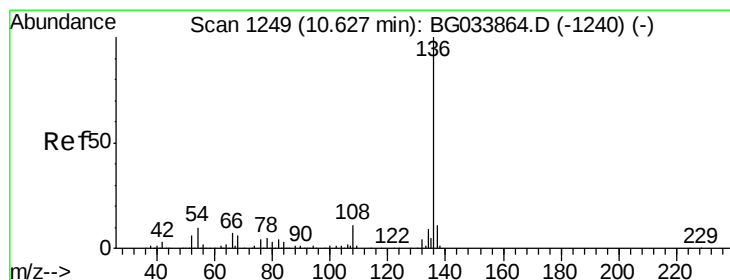
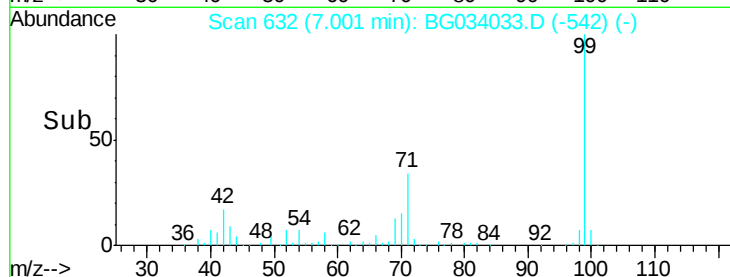
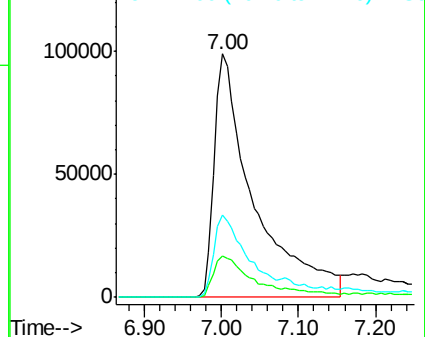
99 100

42 17.0 14.1 21.1

71 33.8 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: 10.60 min Scan# 1245

Delta R.T. -0.02 min

Lab File: BG034033.D

Acq: 27 Apr 2018 5:00

Tgt Ion: 136 Resp: 236772

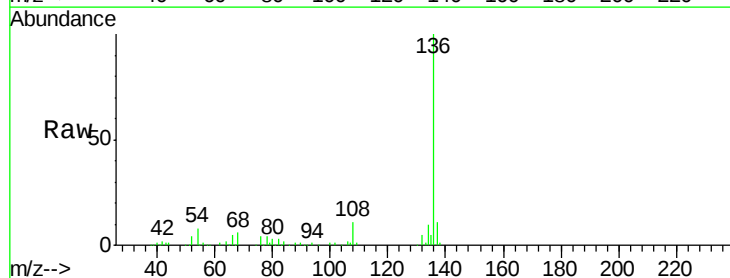
Ion Ratio Lower Upper

136 100

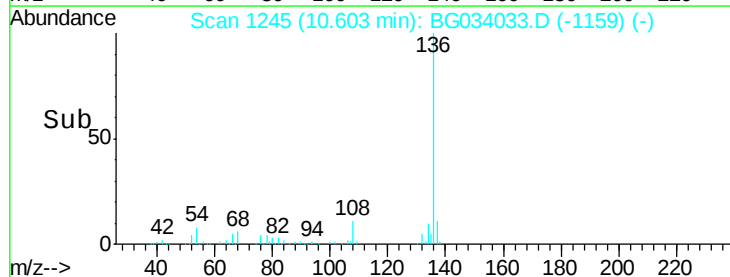
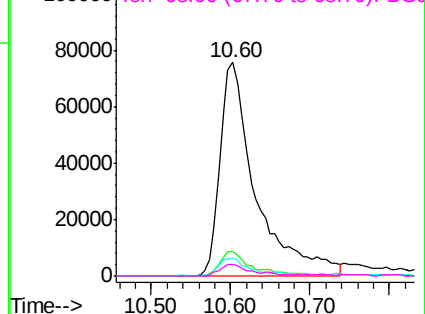
137 11.3 9.2 13.8

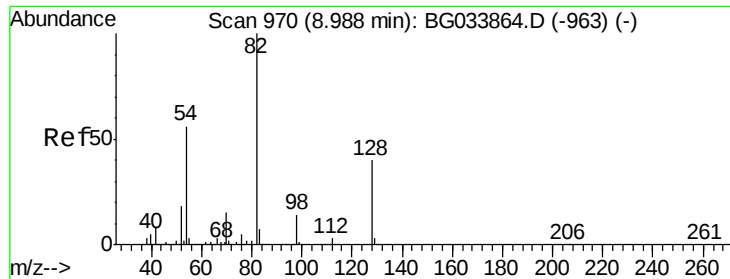
54 8.3 10.3 15.5#

68 5.7 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

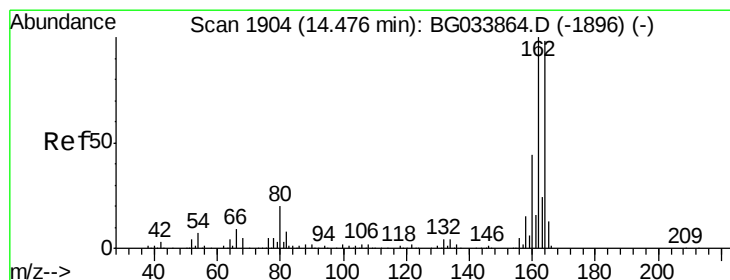
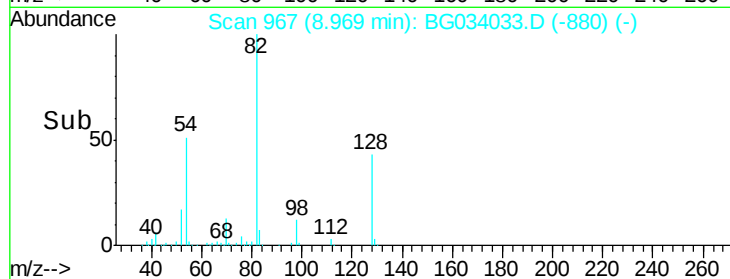
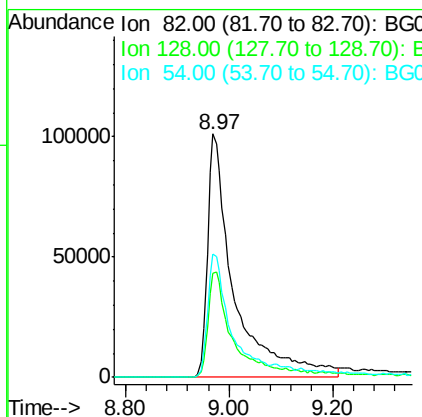
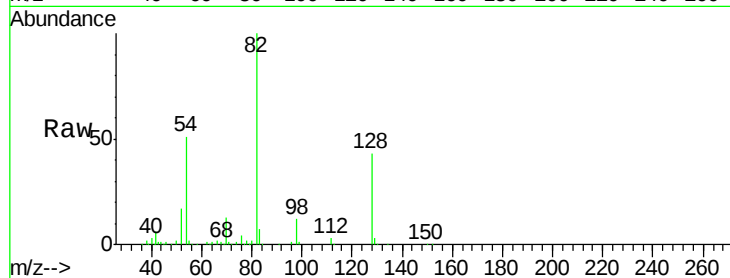




#23
 Nitrobenzene-d5
 Concen: 87.475 ng
 RT: 8.97 min Scan# 967
 Delta R.T. -0.02 min
 Lab File: BG034033.D
 Acq: 27 Apr 2018 5:00

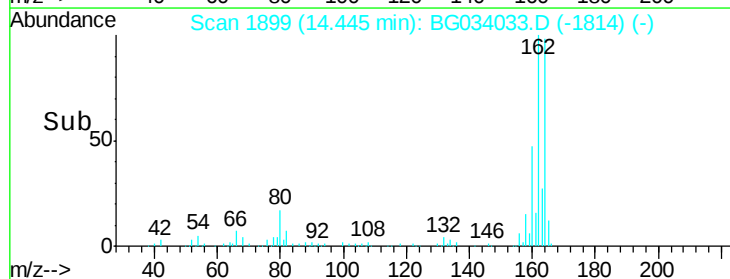
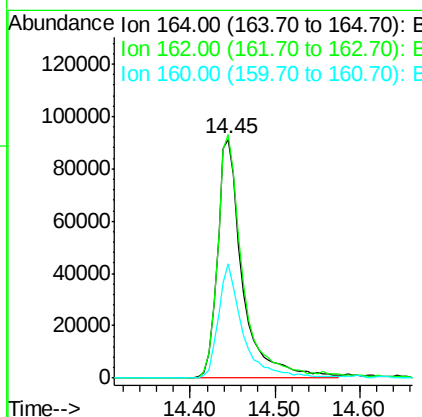
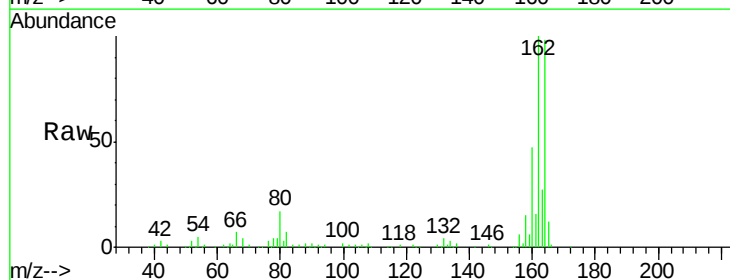
Instrument :
 BNA_G
 ClientSampleId :
 PB108616BL

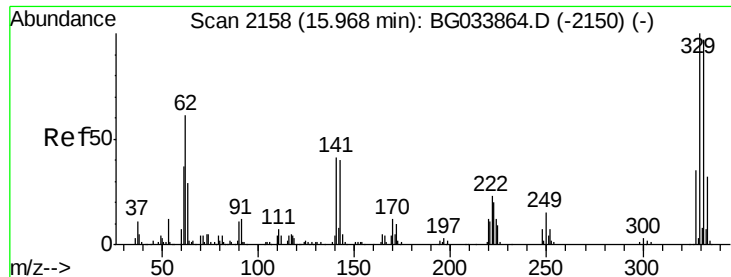
Tot Ion	82	Resp	363937
Ion Ratio	Lower	Upper	
82	100		
128	42.9	29.7	44.5
54	50.7	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.45 min Scan# 1899
 Delta R.T. -0.03 min
 Lab File: BG034033.D
 Acq: 27 Apr 2018 5:00

Tgt Ion	164	Resp	189253
Ion Ratio	Lower	Upper	
164	100		
162	102.0	78.8	118.2
160	48.1	35.4	53.0

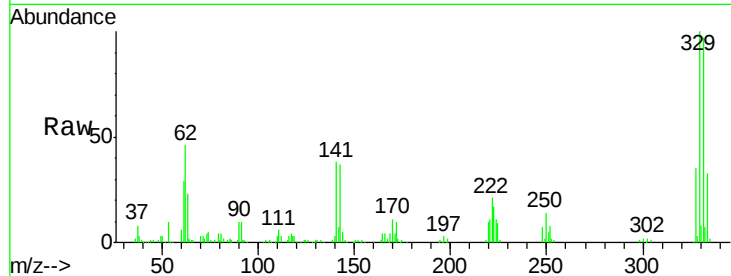




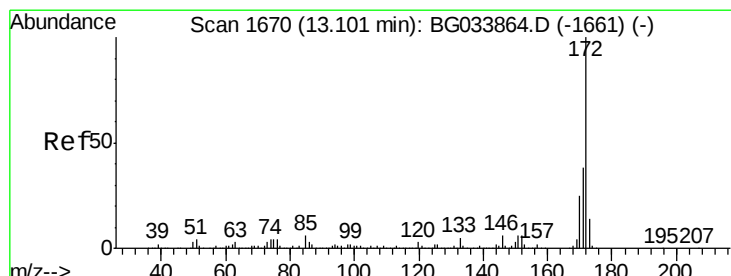
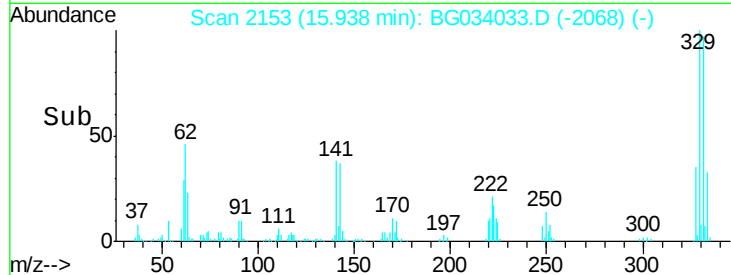
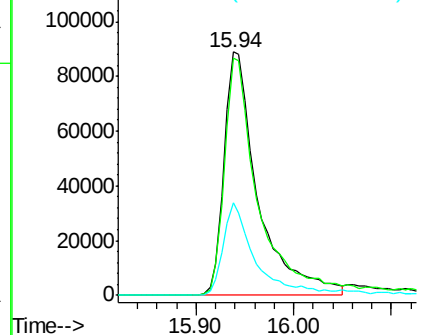
#41
 2,4,6-Tribromophenol
 Concen: 97.433 ng
 RT: 15.94 min Scan# 2153
 Delta R.T. -0.03 min
 Lab File: BG034033.D
 Acq: 27 Apr 2018 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BL

Tot Ion	Ratio	Lower	Upper
330	100		
332	98.1	77.0	115.6
141	35.5	25.2	37.8

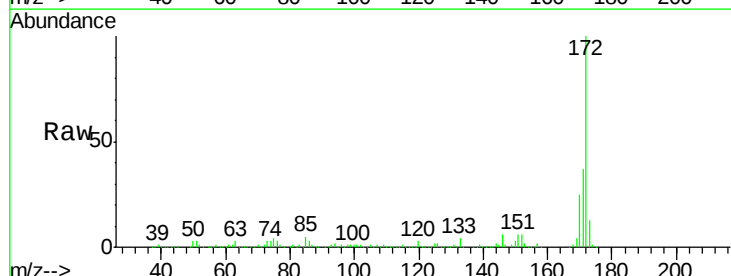


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

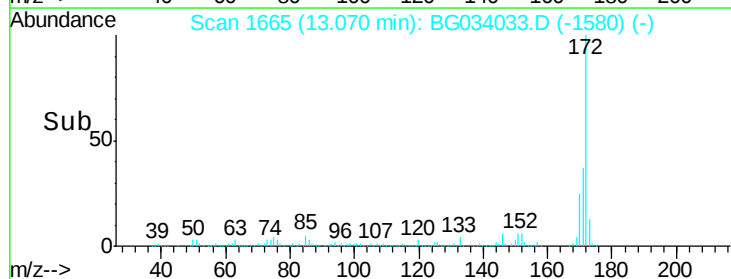
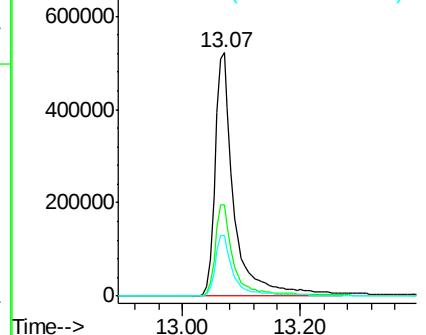


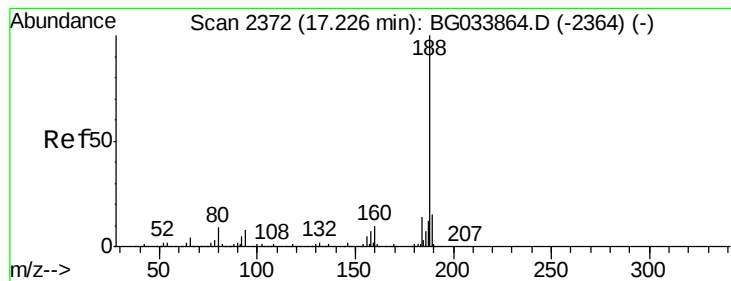
#44
 2-Fluorobiphenyl
 Concen: 91.427 ng
 RT: 13.07 min Scan# 1665
 Delta R.T. -0.03 min
 Lab File: BG034033.D
 Acq: 27 Apr 2018 5:00

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.4	30.0	45.0
170	24.9	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: 17.20 min Scan# 2368

Delta R.T. -0.02 min

Lab File: BG034033.D

Acq: 27 Apr 2018 5:00

Instrument :

BNA_G

ClientSampleId :

PB108616BL

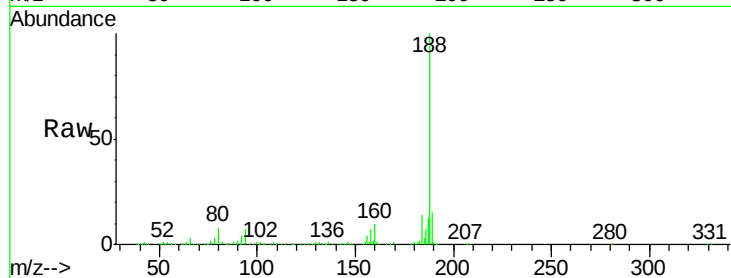
Tot Ion:188 Resp: 557536

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

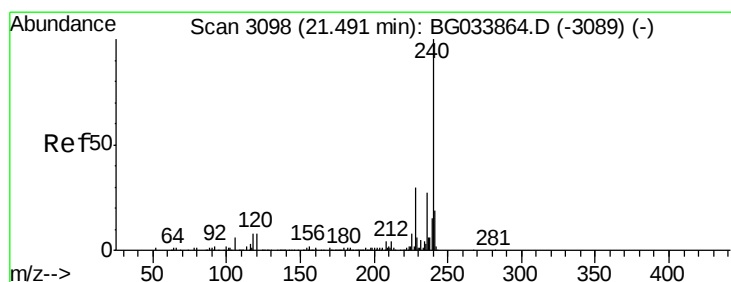
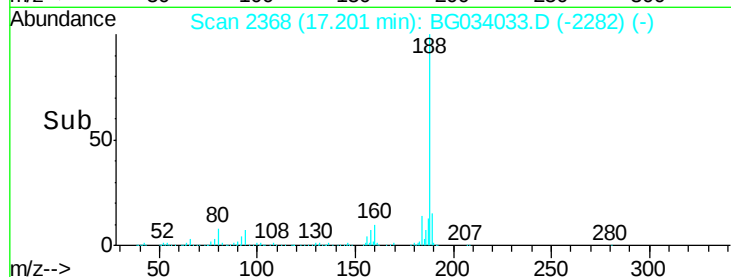
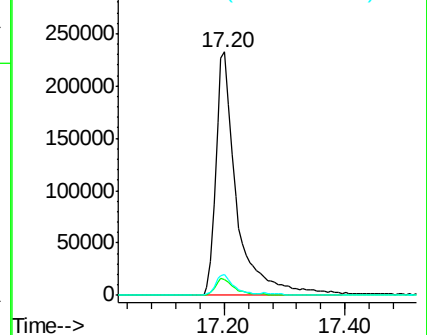
80 8.4 7.7 11.5



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: 21.45 min Scan# 3091

Delta R.T. -0.04 min

Lab File: BG034033.D

Acq: 27 Apr 2018 5:00

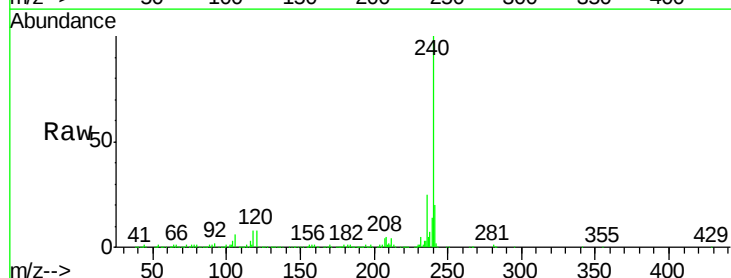
Tgt Ion:240 Resp: 626858

Ion Ratio Lower Upper

240 100

120 8.0 6.8 10.2

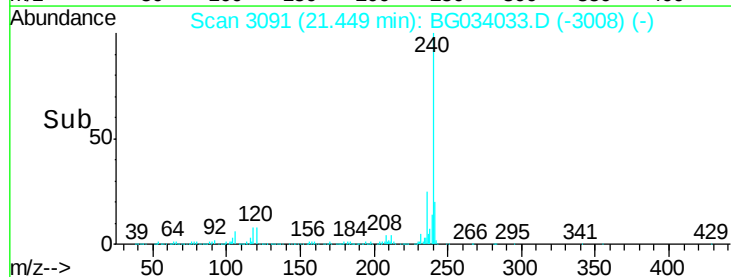
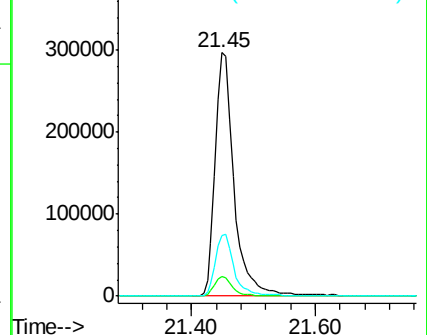
236 24.9 20.9 31.3

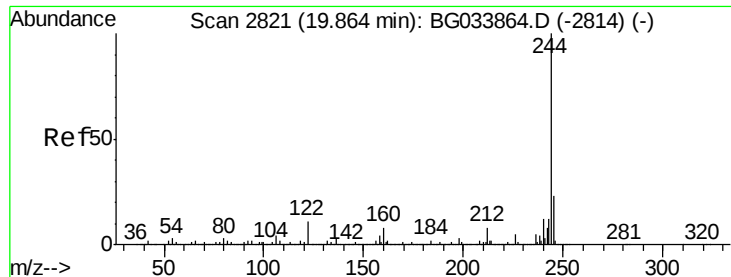


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

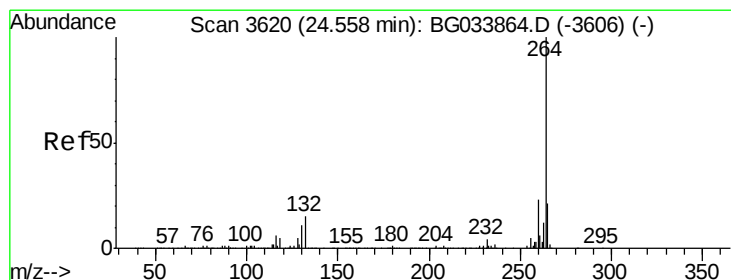
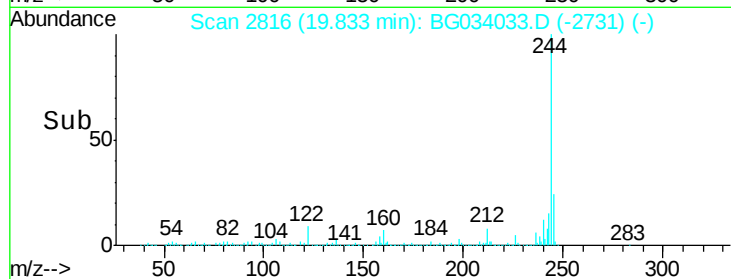
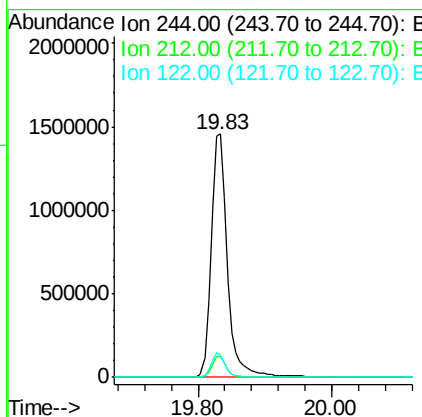
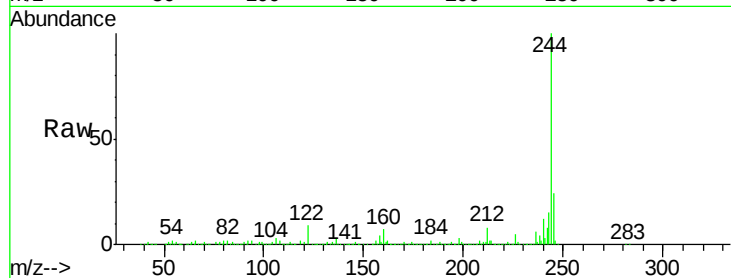




#78
 Terphenyl-d14
 Concen: 89.060 ng
 RT: 19.83 min Scan# 2816
 Delta R.T. -0.03 min
 Lab File: BG034033.D
 Acq: 27 Apr 2018 5:00

Instrument :
 BNA_G
 ClientSampleId :
 PB108616BL

Tot Ion:244 Resp: 2484994
 Ion Ratio Lower Upper
 244 100
 212 8.5 5.8 8.8
 122 9.3 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.49 min Scan# 3609
 Delta R.T. -0.07 min
 Lab File: BG034033.D
 Acq: 27 Apr 2018 5:00

Tgt Ion:264 Resp: 628062
 Ion Ratio Lower Upper
 264 100
 260 23.1 17.4 26.0
 265 22.4 17.7 26.5

