

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033733.D
 Acq On : 11 Apr 2018 5:02
 Operator : SJ/JU
 Sample : J2297-04
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-3-1

Quant Time: Apr 11 07:08:21 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.85	152	31473	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	133072	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	98748	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	298007	20.00	ng	0.00
75) Chrysene-d12	22.55	240	342849	20.00	ng	0.00
86) Perylene-d12	26.31	264	368963	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	278439	165.89	ng	0.00
7) Phenol-d6	7.97	99	369377	128.08	ng	0.00
23) Nitrobenzene-d5	10.06	82	309695	106.92	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	241596	163.58	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	696070	101.76	ng	0.00
78) Terphenyl-d14	20.73	244	1685799	105.16	ng	0.00

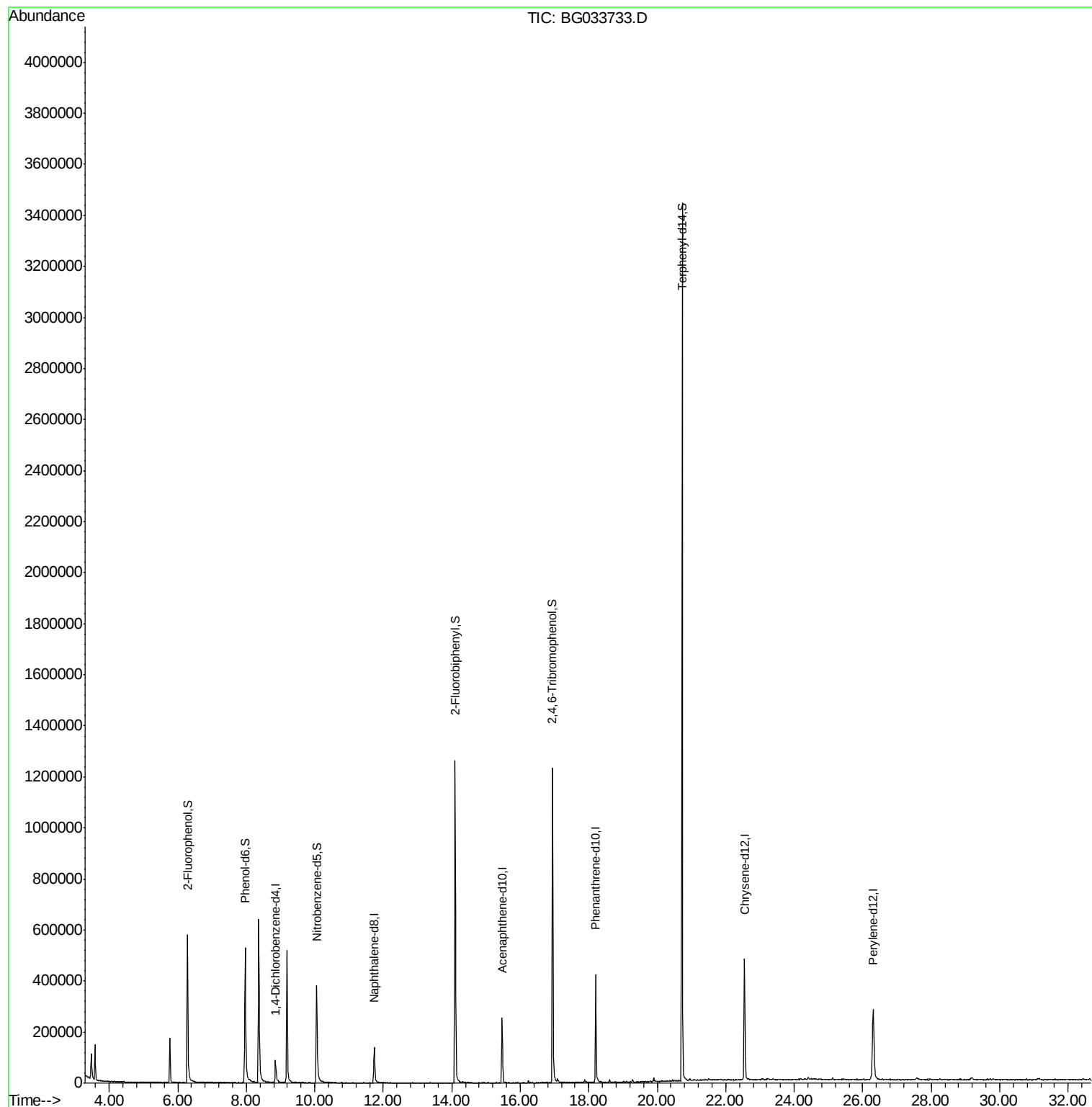
Target Compounds Qvalue

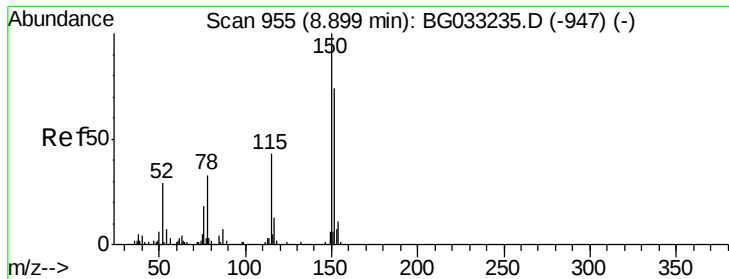
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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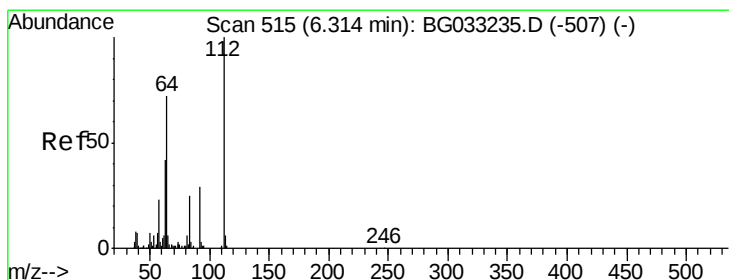
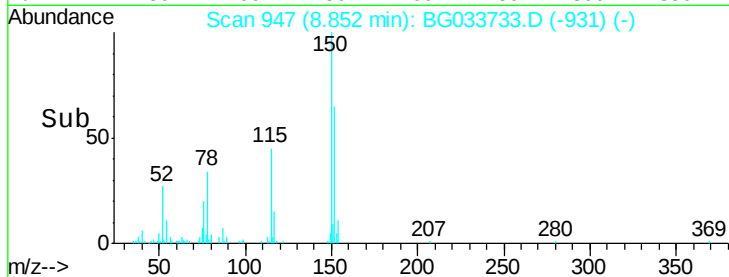
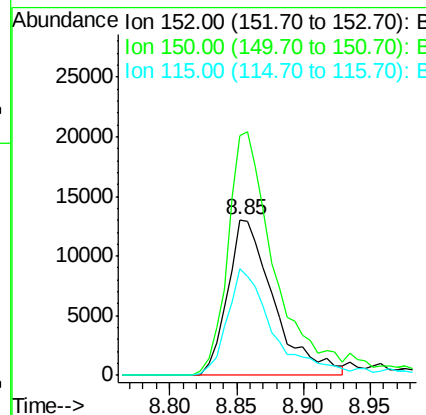
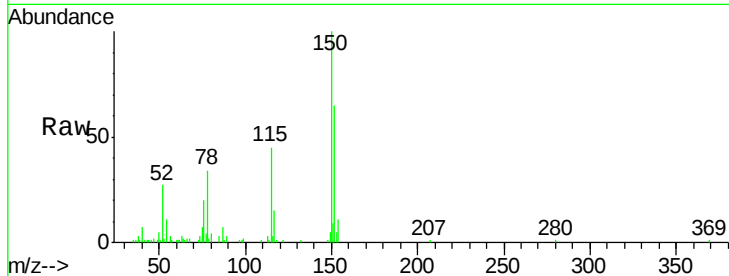


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.00 min
Lab File: BG033733.D
Acq: 11 Apr 2018 5:02

Instrument :
BNA_G
ClientSampleId :
RO-3-1

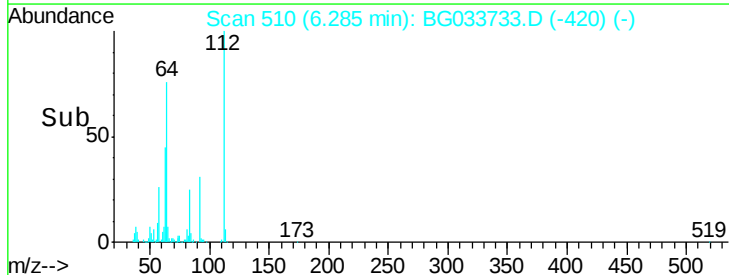
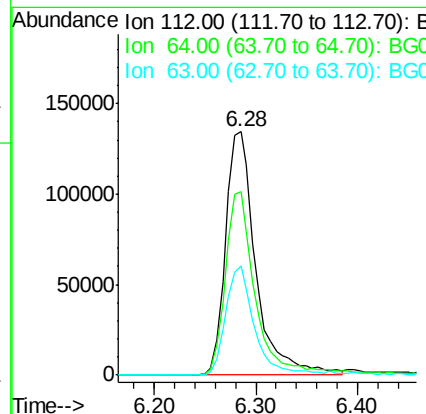
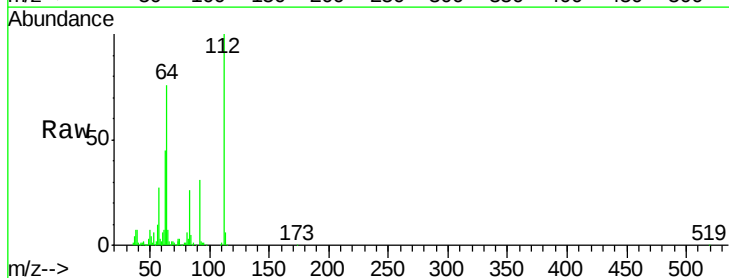
Tot Ion:152 Resp: 31473
Ion Ratio Lower Upper
152 100
150 153.7 126.6 189.8
115 68.5 53.0 79.4

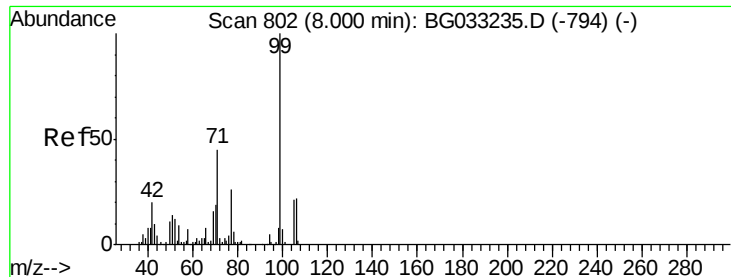


#5

2-Fluorophenol
Concen: 165.890 ng
RT: 6.28 min Scan# 510
Delta R.T. 0.00 min
Lab File: BG033733.D
Acq: 11 Apr 2018 5:02

Tgt Ion:112 Resp: 278439
Ion Ratio Lower Upper
112 100
64 75.6 56.3 84.5
63 45.1 30.1 45.1





#7

Phenol-d6

Concen: 128.081 ng

RT: 7.97 min Scan# 796

Delta R.T. -0.00 min

Lab File: BG033733.D

Acq: 11 Apr 2018 5:02

Instrument :

BNA_G

ClientSampleId :

RO-3-1

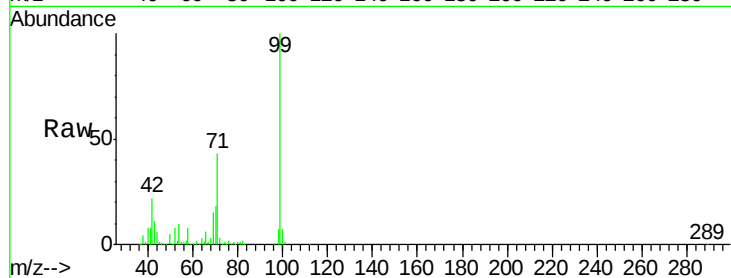
Tot Ion: 99 Resp: 369377

Ion Ratio Lower Upper

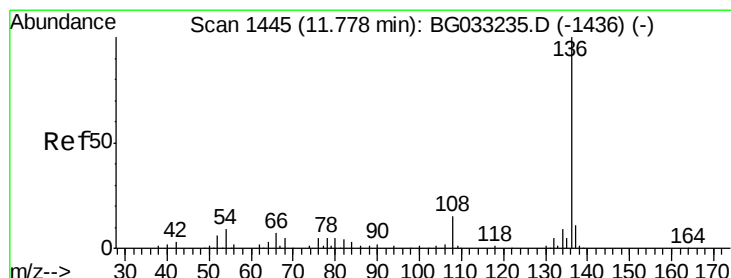
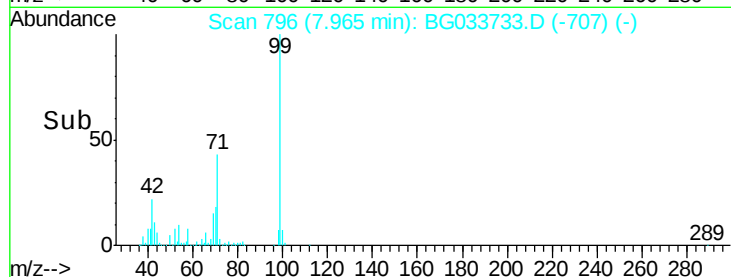
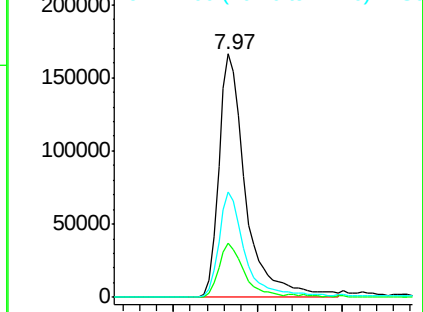
99 100

42 22.4 14.1 21.1#

71 43.2 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: 11.74 min Scan# 1438

Delta R.T. 0.00 min

Lab File: BG033733.D

Acq: 11 Apr 2018 5:02

Tgt Ion: 136 Resp: 133072

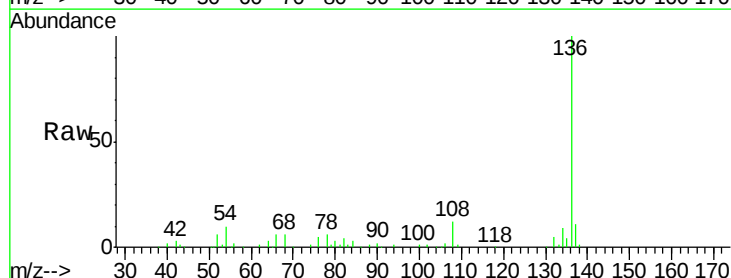
Ion Ratio Lower Upper

136 100

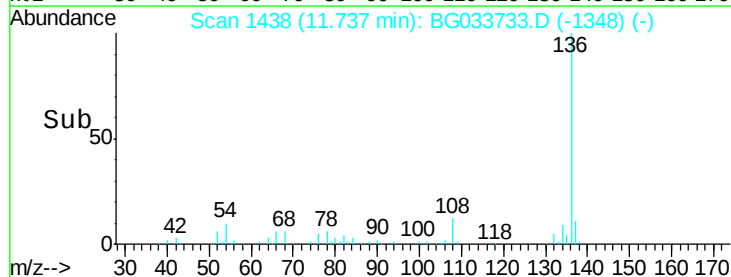
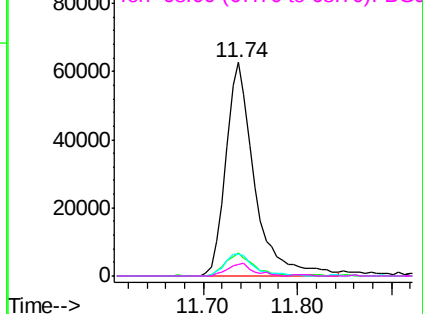
137 10.5 9.2 13.8

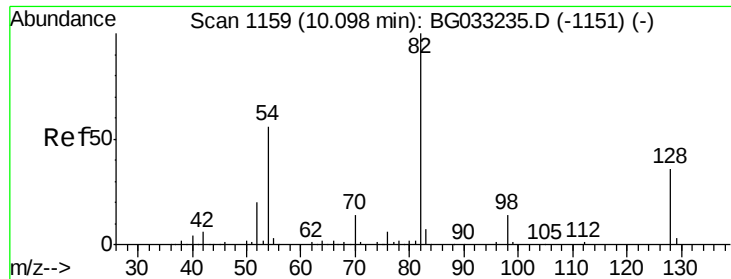
54 10.5 10.3 15.5

68 5.6 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

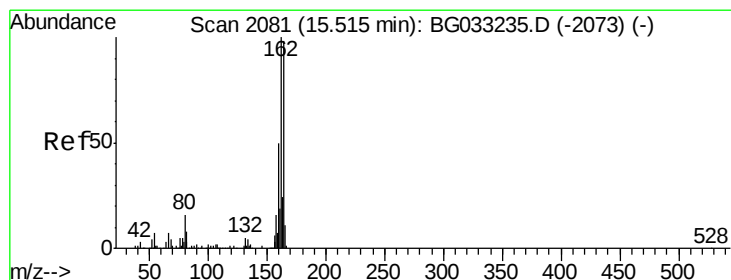
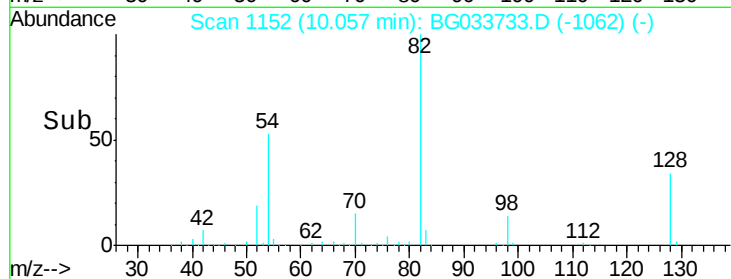
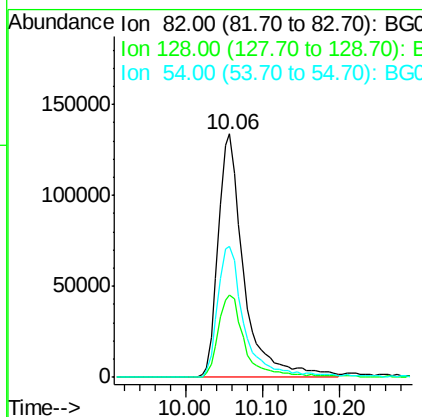
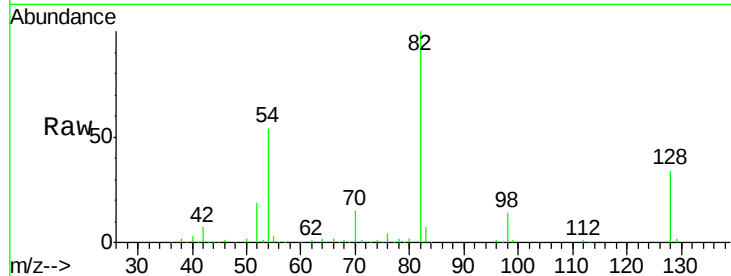




#23
 Nitrobenzene-d5
 Concen: 106.924 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. 0.00 min
 Lab File: BG033733.D
 Acq: 11 Apr 2018 5:02

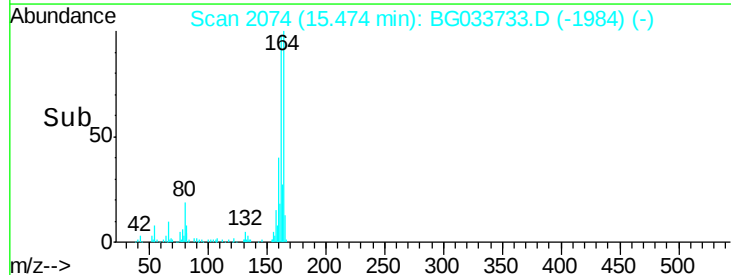
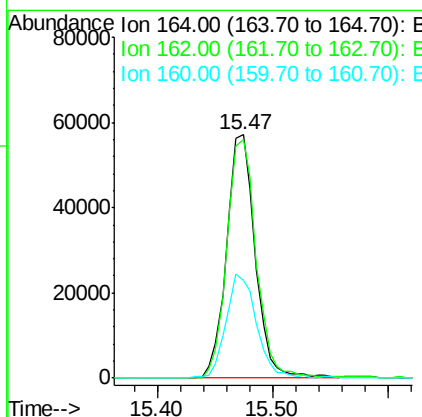
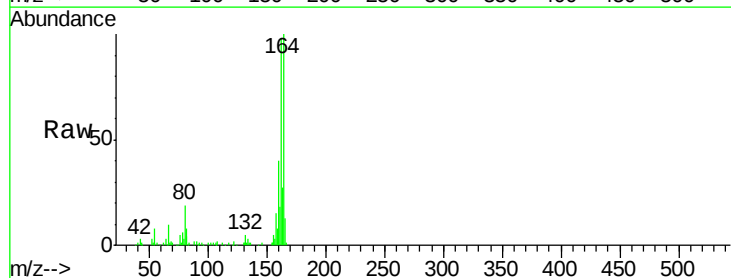
Instrument :
 BNA_G
 ClientSampleID :
 RO-3-1

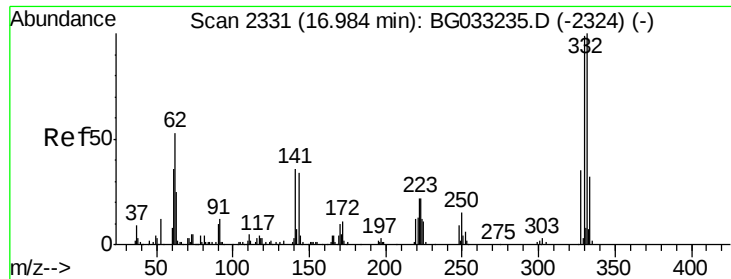
Tot Ion	82	Resp	309695
Ion Ratio	Lower	Upper	
82	100		
128	33.8	29.7	44.5
54	53.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. 0.00 min
 Lab File: BG033733.D
 Acq: 11 Apr 2018 5:02

Tgt Ion	164	Resp	98748
Ion Ratio	Lower	Upper	
164	100		
162	97.7	78.8	118.2
160	40.4	35.4	53.0

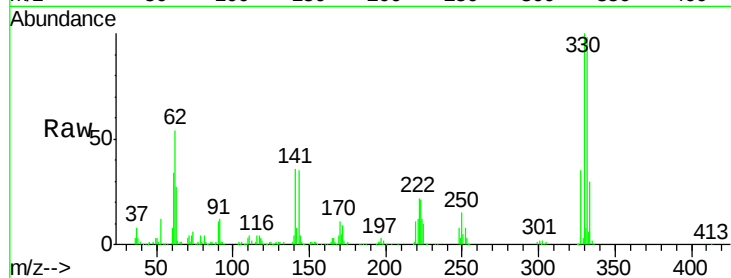




#41
 2,4,6-Tribromophenol
 Concen: 163.584 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. 0.00 min
 Lab File: BG033733.D
 Acq: 11 Apr 2018 5:02

Instrument :
 BNA_G
 ClientSampleId :
 RO-3-1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.4	77.0	115.6
141	38.6	25.2	37.8#

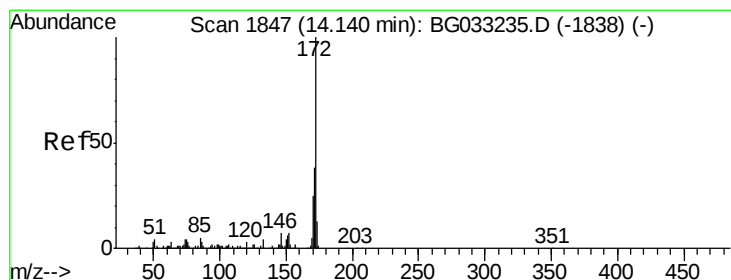
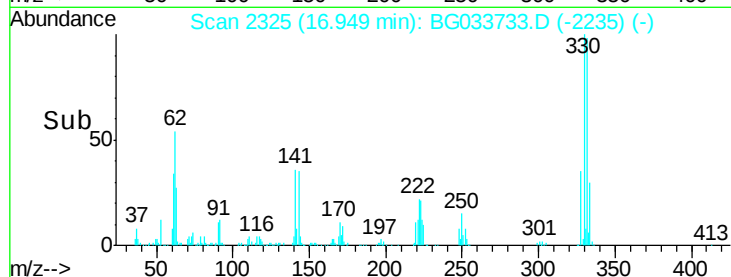
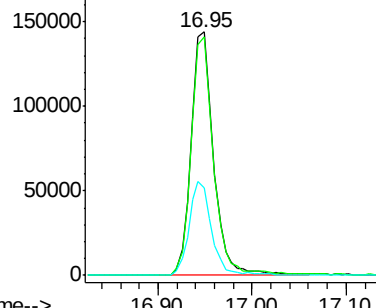


Abundance

Ion 329.80 (329.50 to 330.50): E

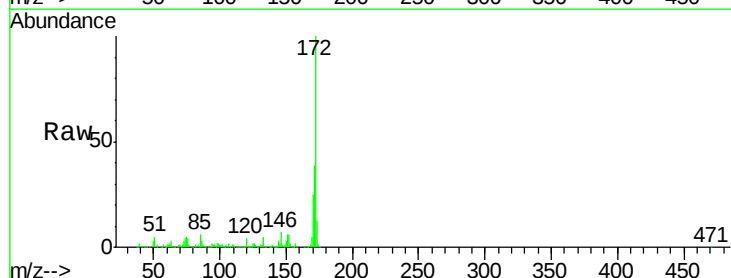
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 101.761 ng
 RT: 14.10 min Scan# 1840
 Delta R.T. -0.00 min
 Lab File: BG033733.D
 Acq: 11 Apr 2018 5:02

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.7	30.0	45.0
170	24.8	19.5	29.3

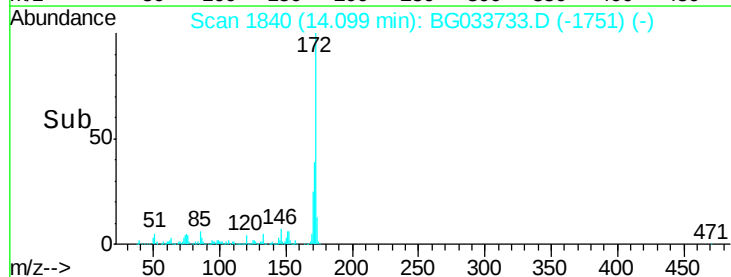
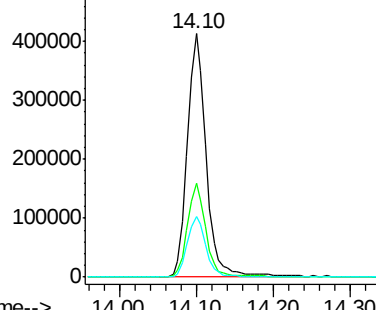


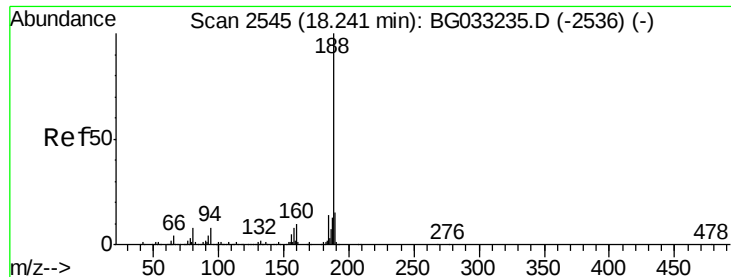
Abundance

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

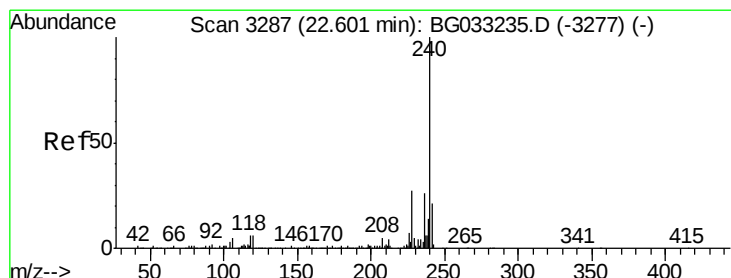
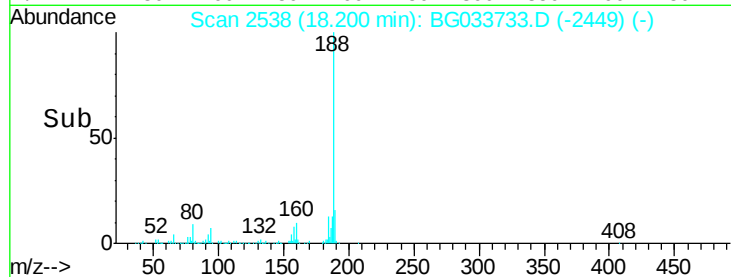
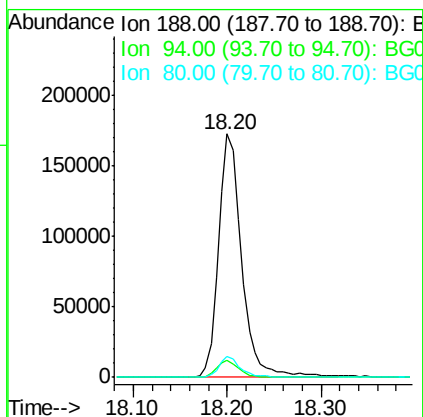
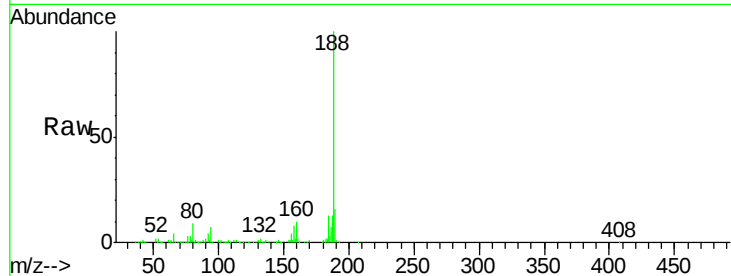




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.20 min Scan# 2538
Delta R.T. -0.00 min
Lab File: BG033733.D
Acq: 11 Apr 2018 5:02

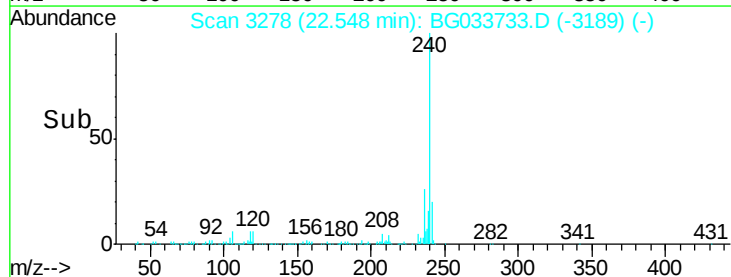
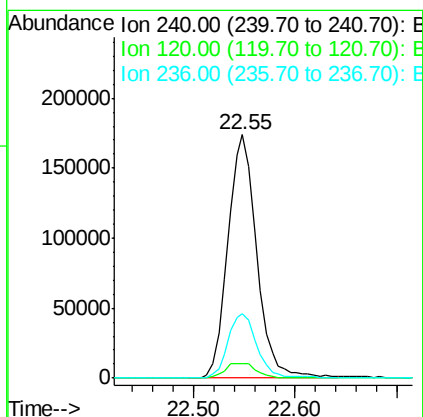
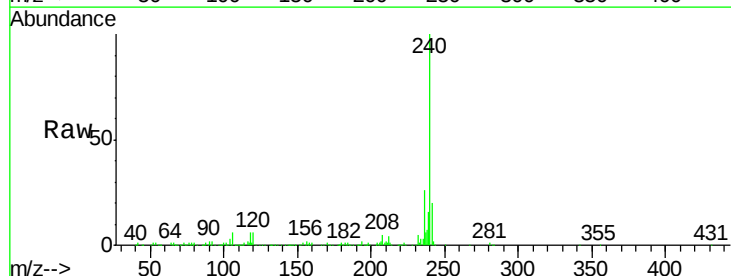
Instrument :
BNA_G
ClientSampleId :
RO-3-1

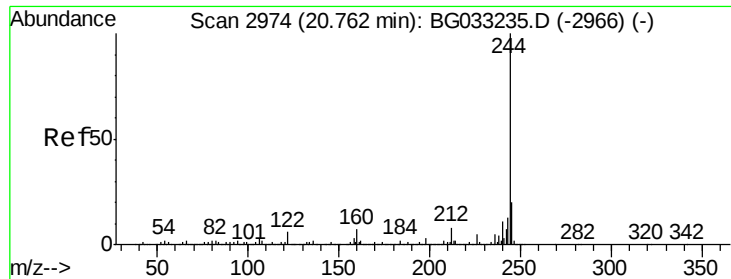
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.3	6.9	10.3
80	8.8	7.7	11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.55 min Scan# 3278
Delta R.T. -0.00 min
Lab File: BG033733.D
Acq: 11 Apr 2018 5:02

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.2	6.8	10.2#
236	26.4	20.9	31.3





#78

Terphenyl-d14

Concen: 105.156 ng

RT: 20.73 min Scan# 2968

Delta R.T. 0.00 min

Lab File: BG033733.D

Acq: 11 Apr 2018 5:02

Instrument :

BNA_G

ClientSampleId :

RO-3-1

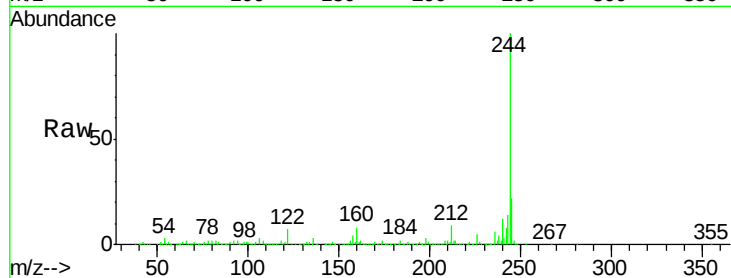
Tot Ion:244 Resp: 1685799

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

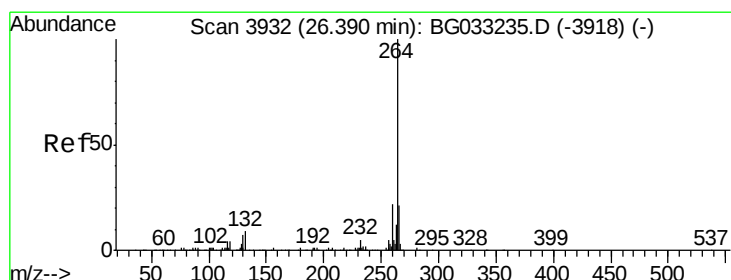
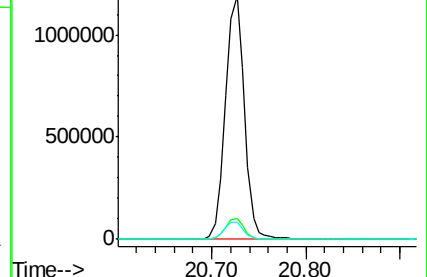
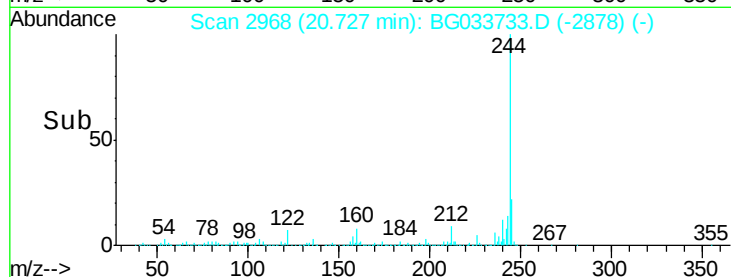
122 7.3 7.0 10.4



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: 26.31 min Scan# 3918

Delta R.T. 0.00 min

Lab File: BG033733.D

Acq: 11 Apr 2018 5:02

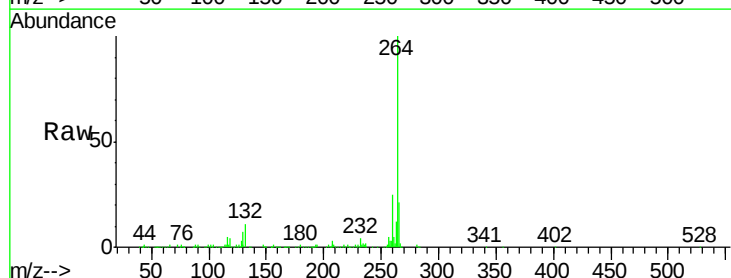
Tgt Ion:264 Resp: 368963

Ion Ratio Lower Upper

264 100

260 25.1 17.4 26.0

265 21.4 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

