

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033412.D
 Acq On : 29 Mar 2018 8:50
 Operator : SJ/JU
 Sample : J2063-03
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-CV-2533

Quant Time: Mar 29 11:54:51 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	8.87	152	40438	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	168388	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	129270	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	316128	20.00	ng	0.00
75) Chrysene-d12	22.56	240	326535	20.00	ng	0.00
86) Perylene-d12	26.33	264	305578	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	339626	157.49	ng	0.00
7) Phenol-d6	7.99	99	474316	128.01	ng	0.00
23) Nitrobenzene-d5	10.06	82	370831	101.18	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	223372	115.53	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	897276	100.20	ng	0.00
78) Terphenyl-d14	20.73	244	1573121	103.03	ng	0.00

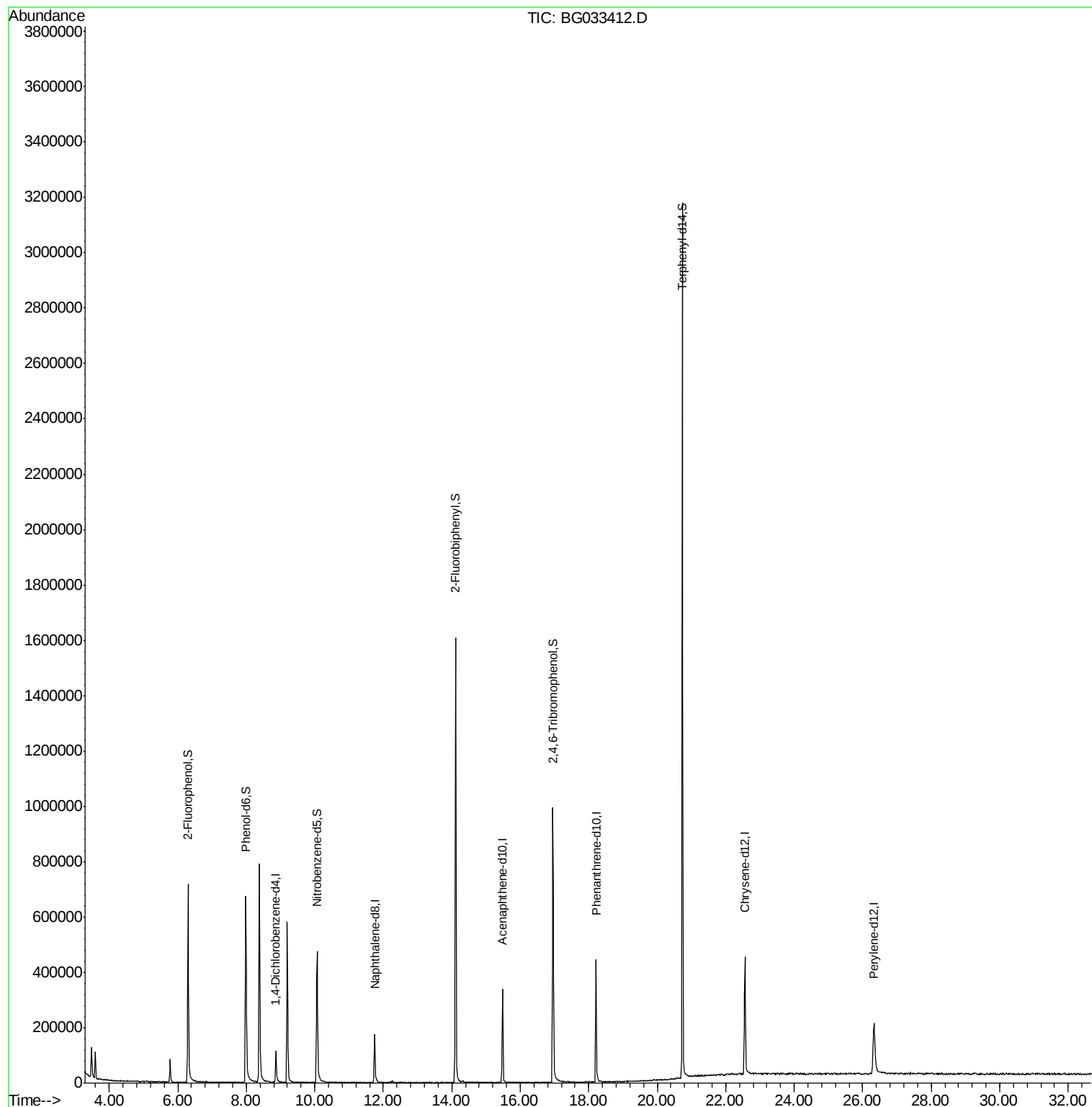
Target Compounds Qvalue

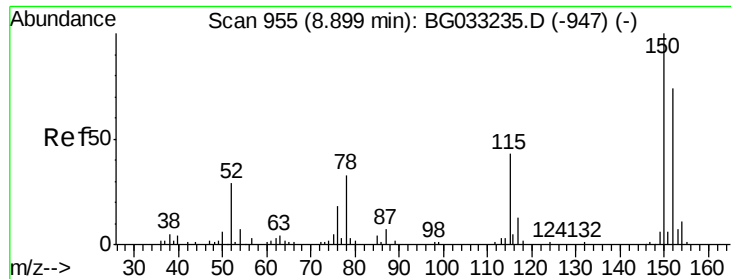
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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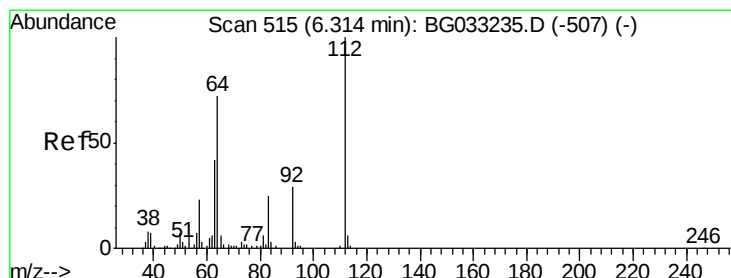
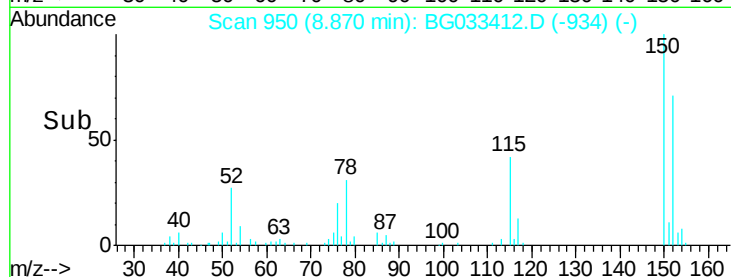
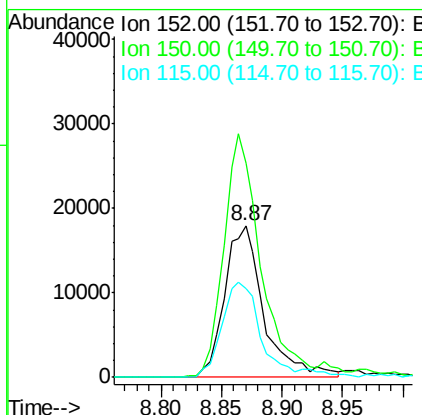
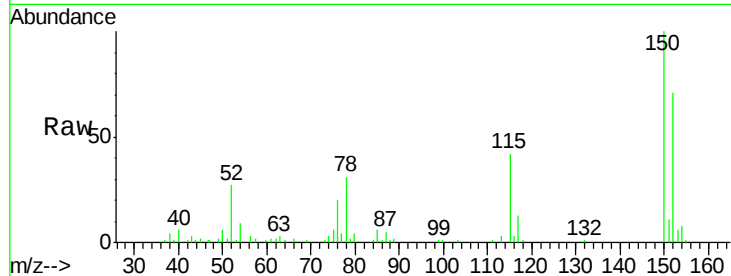


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033412.D
Acq: 29 Mar 2018 8:50

Instrument :
BNA_G
ClientSampleId :
RO-CV-2533

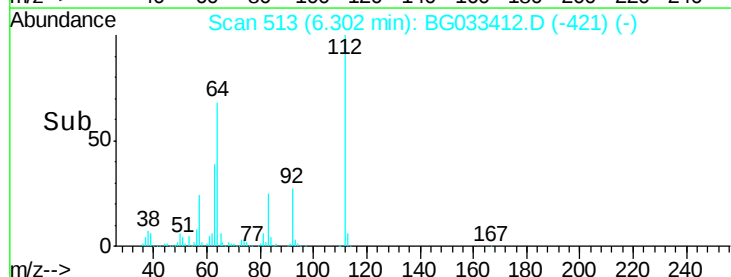
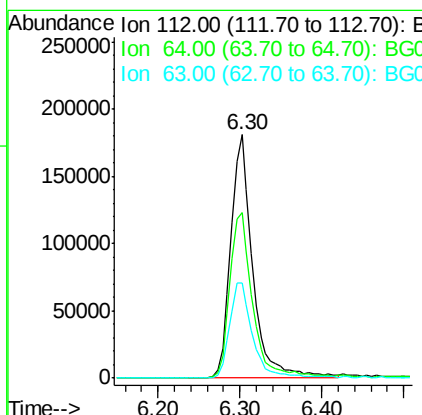
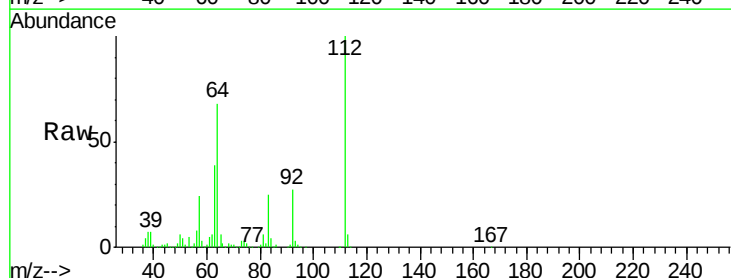
Tot Ion	Ratio	Lower	Upper
152	100		
150	141.0	126.6	189.8
115	58.5	53.0	79.4

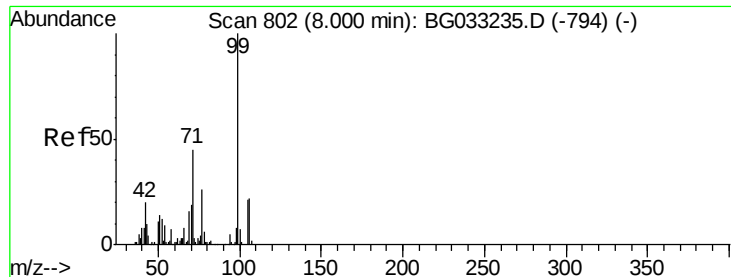


#5

2-Fluorophenol
Concen: 157.485 ng
RT: 6.30 min Scan# 513
Delta R.T. 0.01 min
Lab File: BG033412.D
Acq: 29 Mar 2018 8:50

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	56.3	84.5
63	38.9	30.1	45.1





#7

Phenol-d6

Concen: 128.007 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033412.D

Acq: 29 Mar 2018 8:50

Instrument :

BNA_G

ClientSampleId :

RO-CV-2533

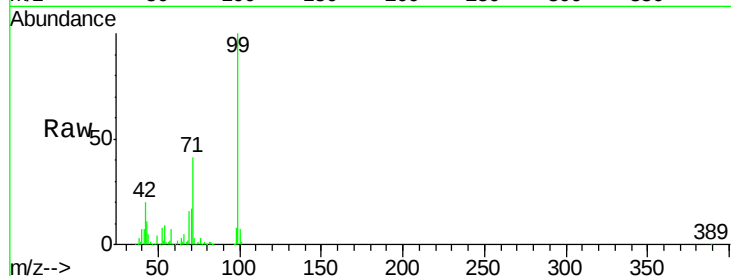
Tot Ion: 99 Resp: 474316

Ion Ratio Lower Upper

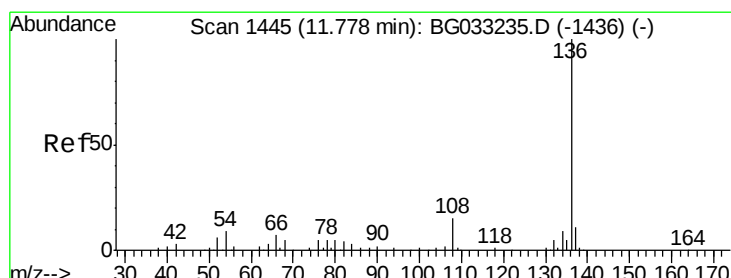
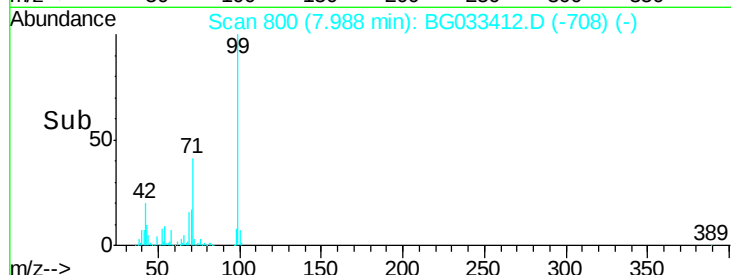
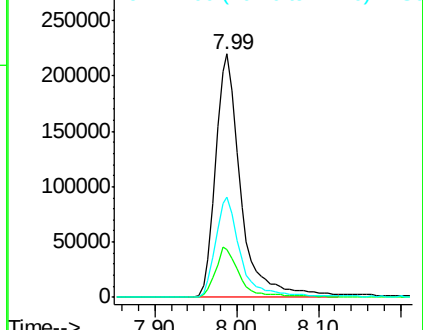
99 100

42 19.6 14.1 21.1

71 41.3 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033412.D

Acq: 29 Mar 2018 8:50

Tgt Ion: 136 Resp: 168388

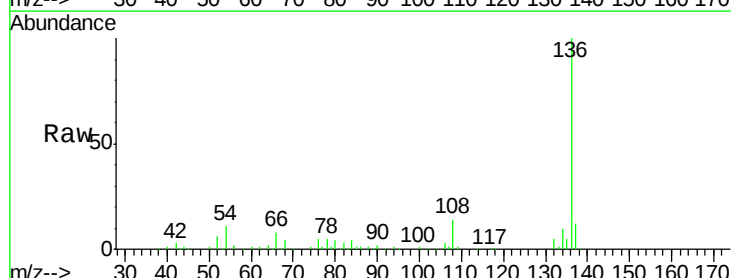
Ion Ratio Lower Upper

136 100

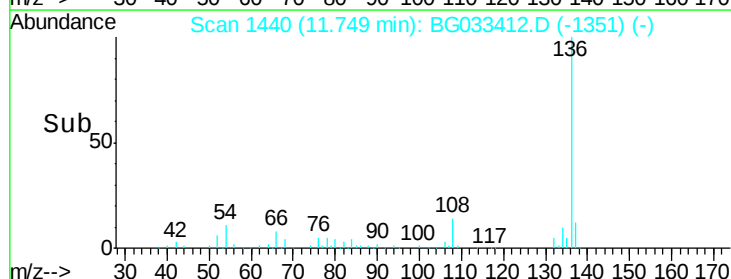
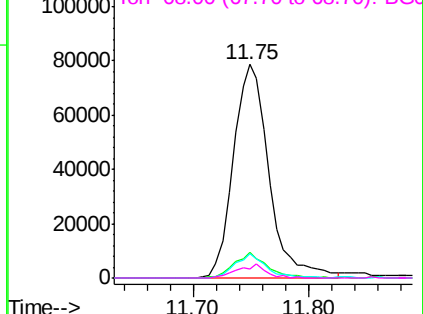
137 11.8 9.2 13.8

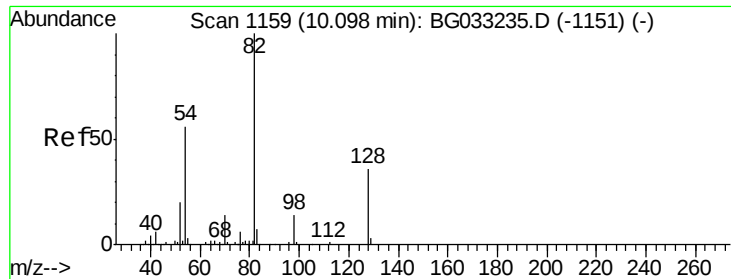
54 11.2 10.3 15.5

68 4.1 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

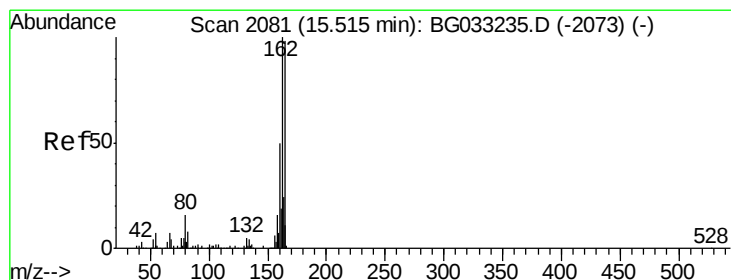
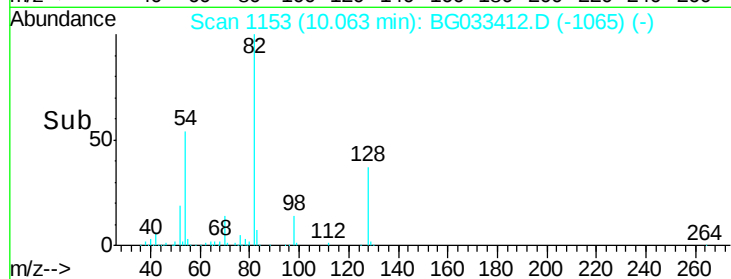
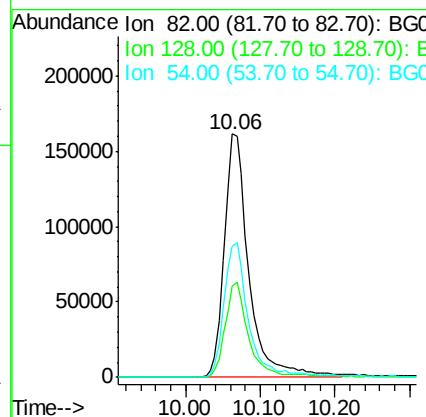
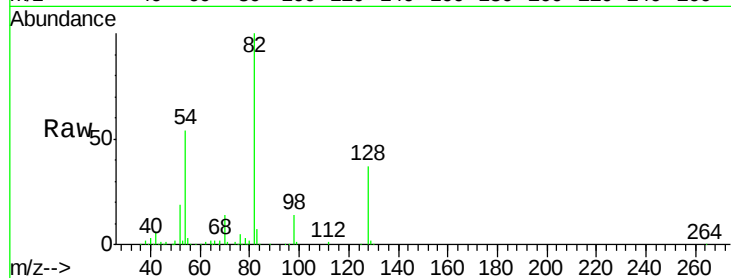




#23
 Nitrobenzene-d5
 Concen: 101.180 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033412.D
 Acq: 29 Mar 2018 8:50

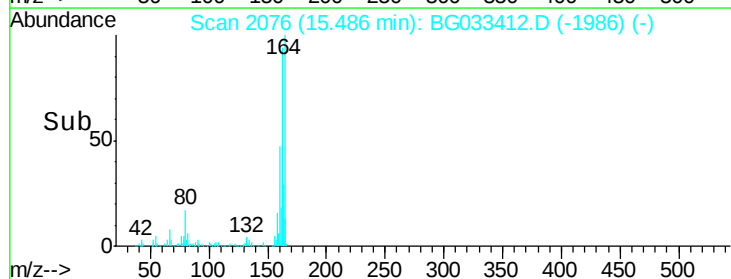
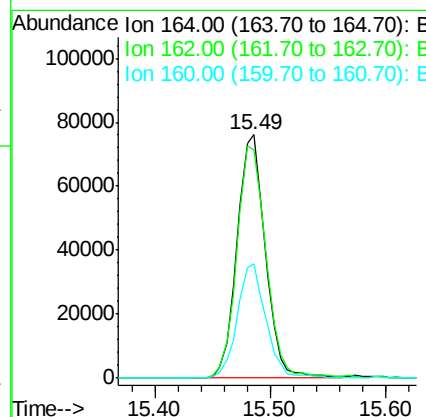
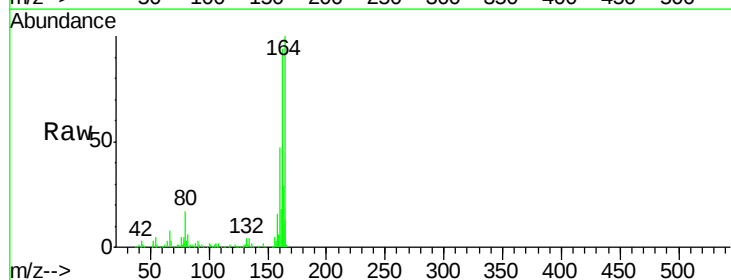
Instrument :
 BNA_G
 ClientSampleId :
 RO-CV-2533

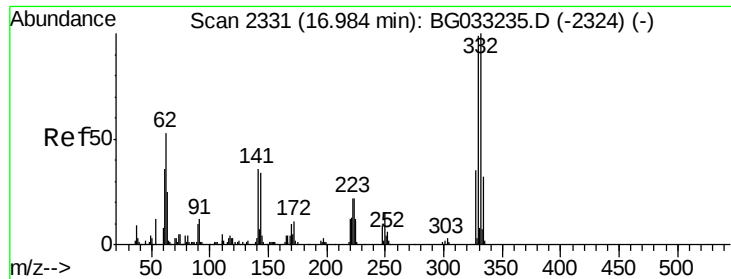
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.5	29.7	44.5
54	53.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG033412.D
 Acq: 29 Mar 2018 8:50

Tgt Ion	Ratio	Lower	Upper
164	100		
162	93.8	78.8	118.2
160	46.8	35.4	53.0

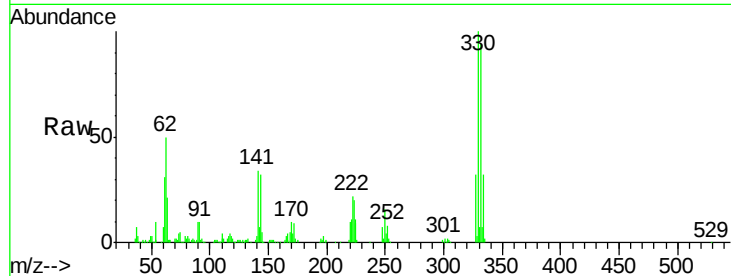




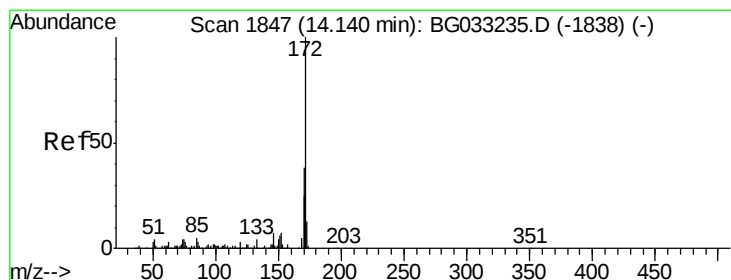
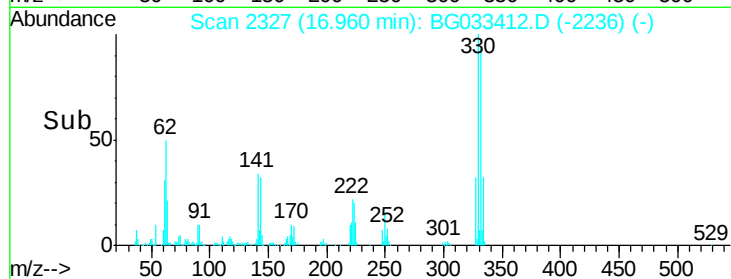
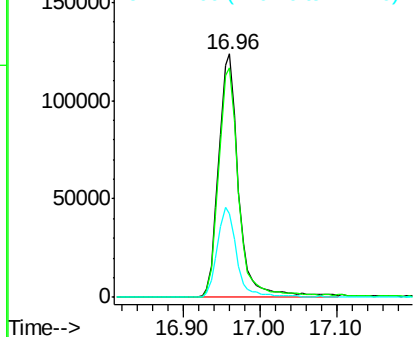
#41
 2,4,6-Tribromophenol
 Concen: 115.534 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033412.D
 Acq: 29 Mar 2018 8:50

Instrument :
 BNA_G
 ClientSampleId :
 RO-CV-2533

Tot Ion:330 Resp: 223372
 Ion Ratio Lower Upper
 330 100
 332 94.1 77.0 115.6
 141 35.3 25.2 37.8

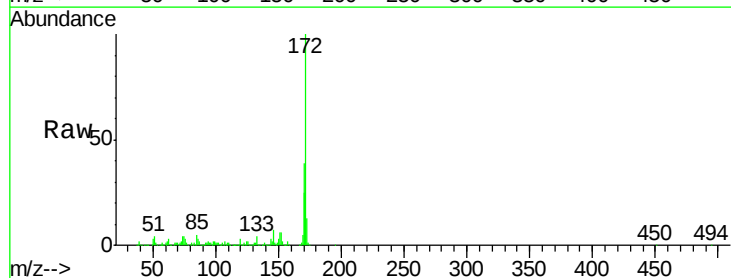


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

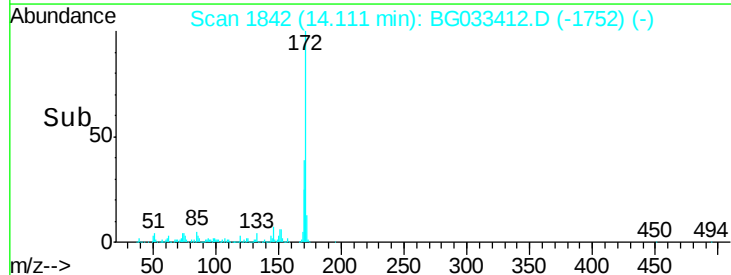
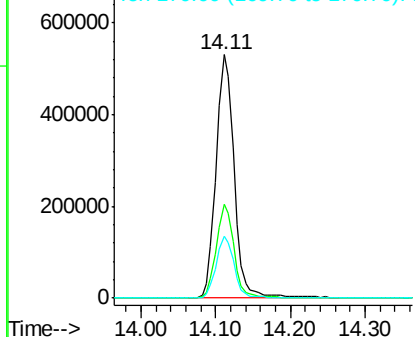


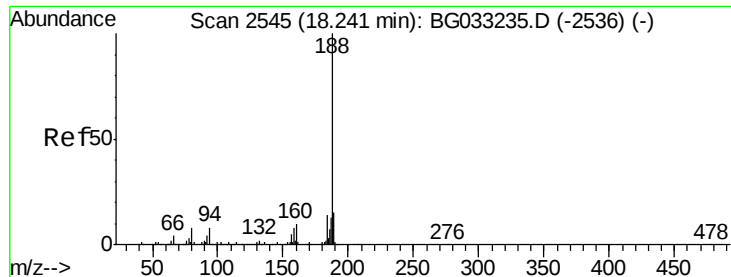
#44
 2-Fluorobiphenyl
 Concen: 100.204 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033412.D
 Acq: 29 Mar 2018 8:50

Tgt Ion:172 Resp: 897276
 Ion Ratio Lower Upper
 172 100
 171 38.6 30.0 45.0
 170 25.4 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

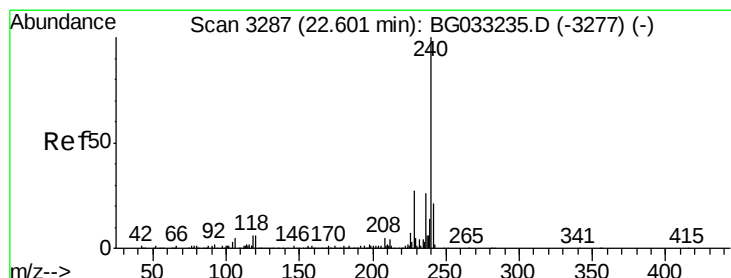
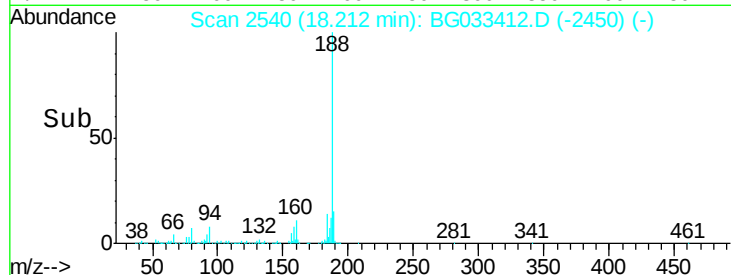
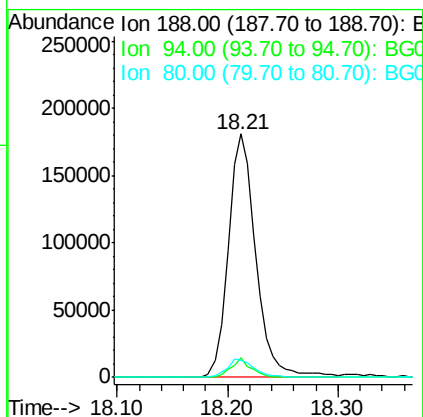
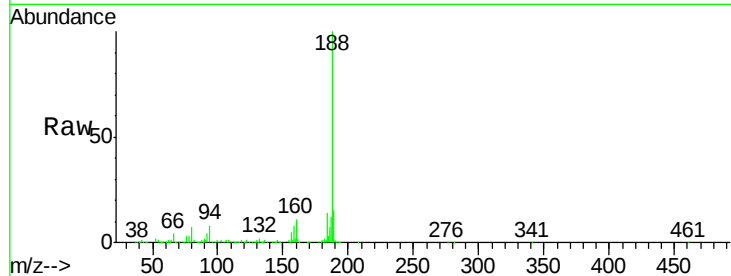




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033412.D
Acq: 29 Mar 2018 8:50

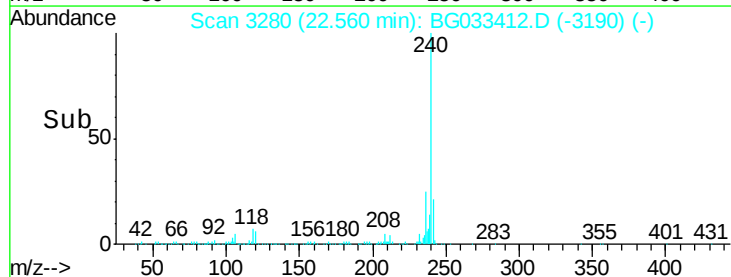
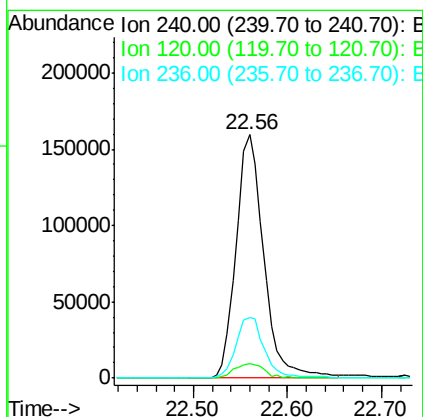
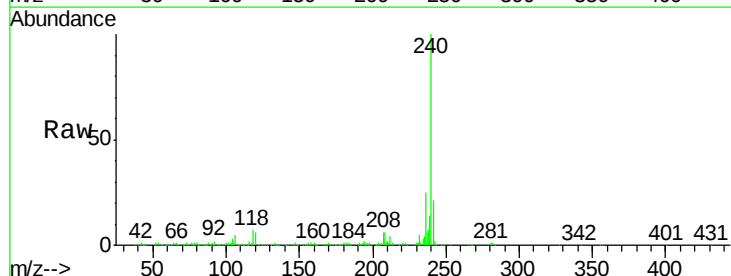
Instrument :
BNA_G
ClientSampleId :
RO-CV-2533

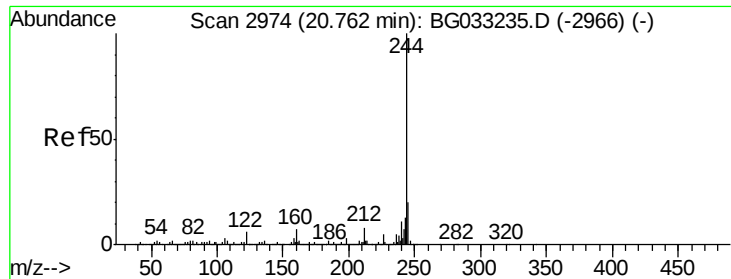
Tot Ion	Ratio	Lower	Upper
188	100		
94	7.8	6.9	10.3
80	7.0	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.56 min Scan# 3280
Delta R.T. -0.00 min
Lab File: BG033412.D
Acq: 29 Mar 2018 8:50

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.1	6.8	10.2#
236	24.7	20.9	31.3





#78

Terphenyl-d14

Concen: 103.030 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033412.D

Acq: 29 Mar 2018 8:50

Instrument :

BNA_G

ClientSampleId :

RO-CV-2533

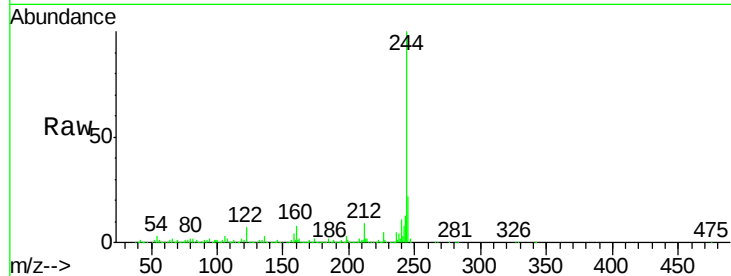
Tot Ion:244 Resp: 1573121

Ion Ratio Lower Upper

244 100

212 8.9 5.8 8.8#

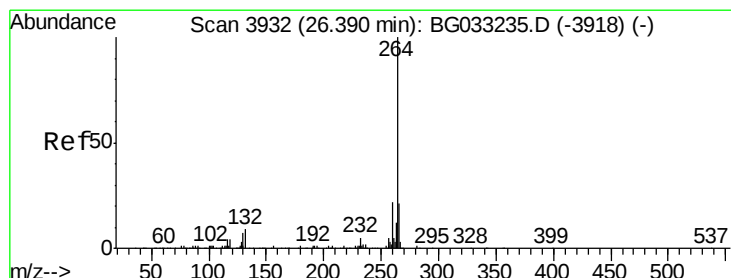
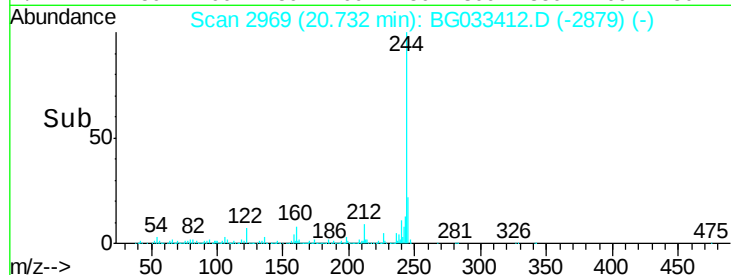
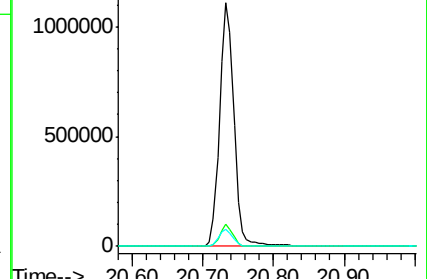
122 7.2 7.0 10.4



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: BG033412.D

Acq: 29 Mar 2018 8:50

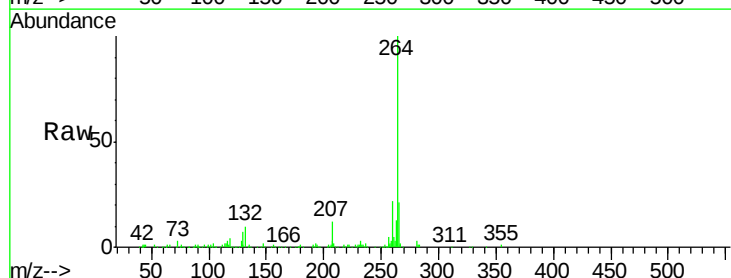
Tgt Ion:264 Resp: 305578

Ion Ratio Lower Upper

264 100

260 21.6 17.4 26.0

265 21.3 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

