

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033416.D
 Acq On : 29 Mar 2018 11:43
 Operator : SJ/JU
 Sample : J2068-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-CV-2043

Quant Time: Mar 29 13:42:40 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	39610	20.00	ng	-0.01
21) Naphthalene-d8	11.75	136	155738	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	122465	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	304003	20.00	ng	0.00
75) Chrysene-d12	22.56	240	312751	20.00	ng	0.00
86) Perylene-d12	26.33	264	315997	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	344691	163.18	ng	0.00
7) Phenol-d6	7.99	99	472201	130.10	ng	0.00
23) Nitrobenzene-d5	10.07	82	369830	109.10	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	247117	134.92	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	874322	103.07	ng	0.00
78) Terphenyl-d14	20.73	244	1590307	108.75	ng	0.00

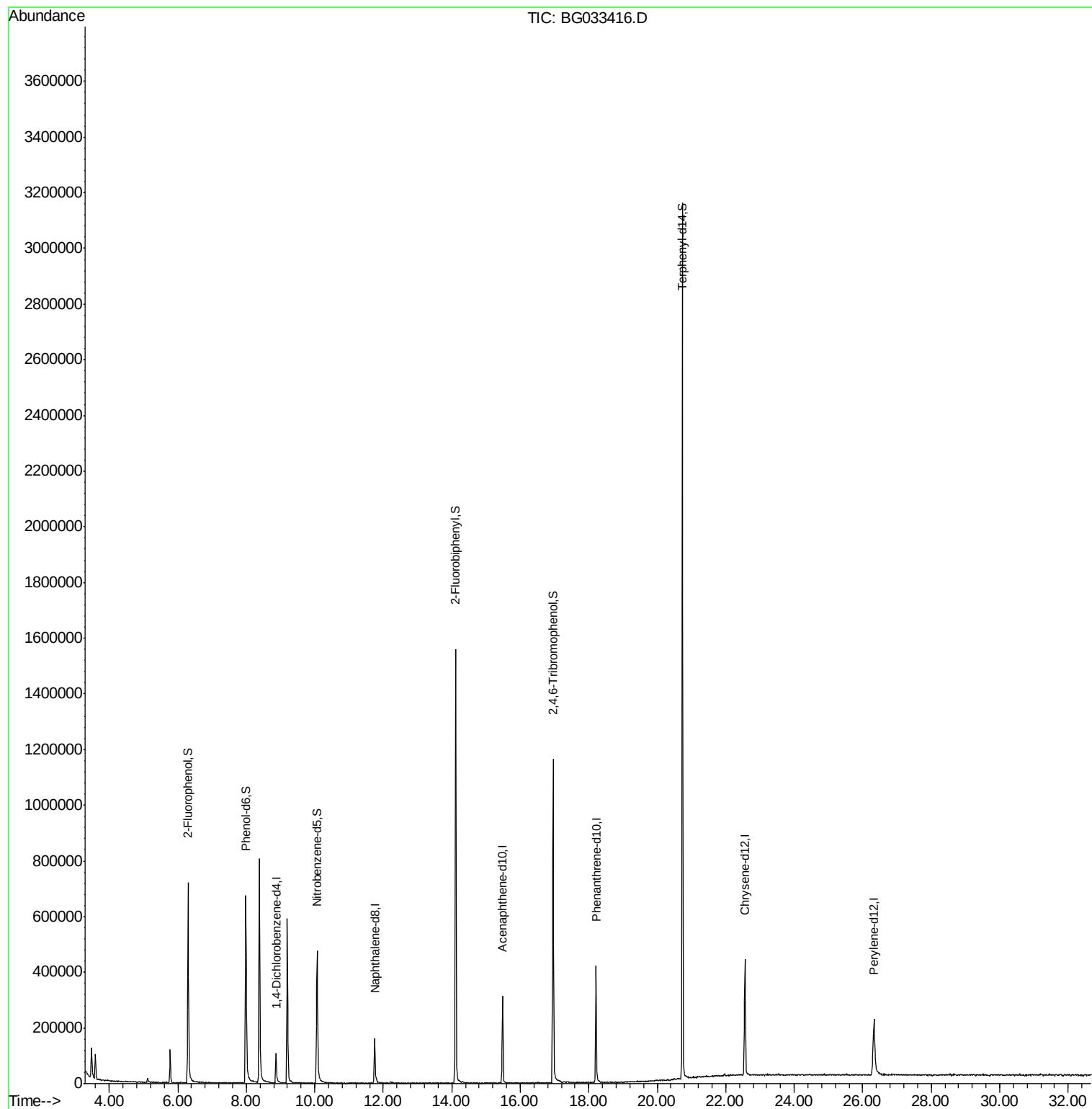
Target Compounds Qvalue

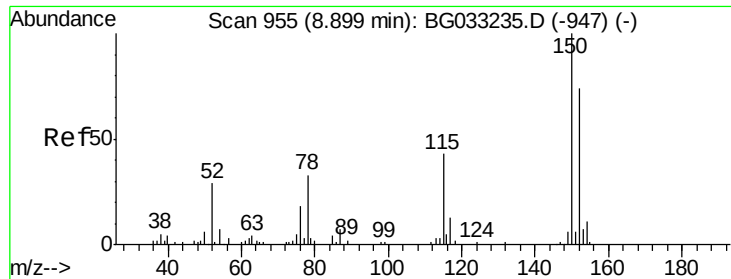
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.01 min

Lab File: BG033416.D

Acq: 29 Mar 2018 11:43

Instrument :

BNA_G

ClientSampleId :

RO-CV-2043

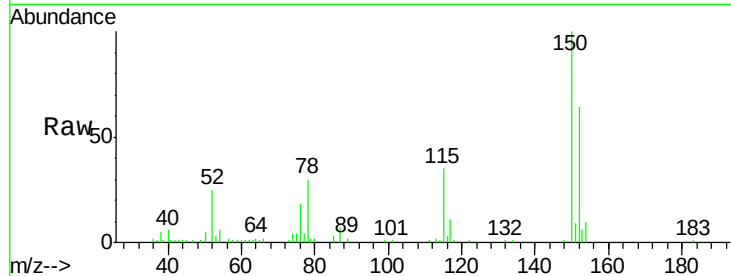
Tot Ion:152 Resp: 39610

Ion Ratio Lower Upper

152 100

150 156.4 126.6 189.8

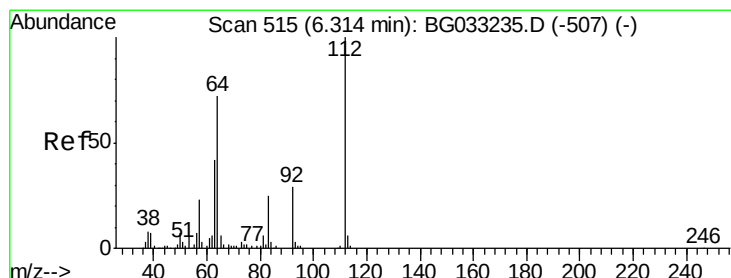
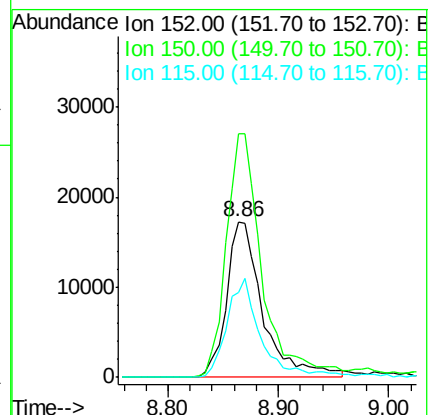
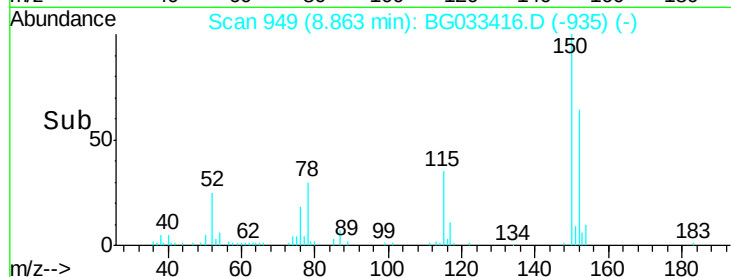
115 54.8 53.0 79.4



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: 163.175 ng

RT: 6.30 min Scan# 513

Delta R.T. 0.01 min

Lab File: BG033416.D

Acq: 29 Mar 2018 11:43

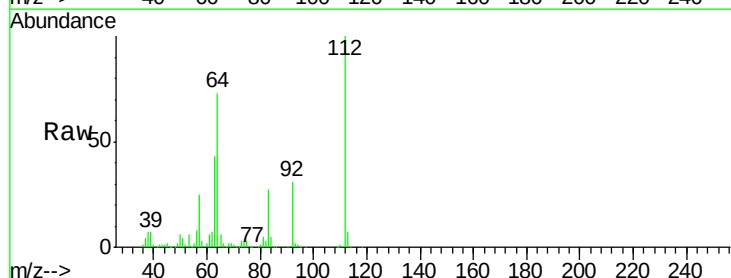
Tgt Ion:112 Resp: 344691

Ion Ratio Lower Upper

112 100

64 72.6 56.3 84.5

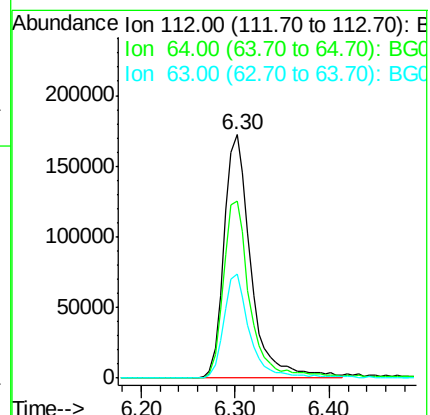
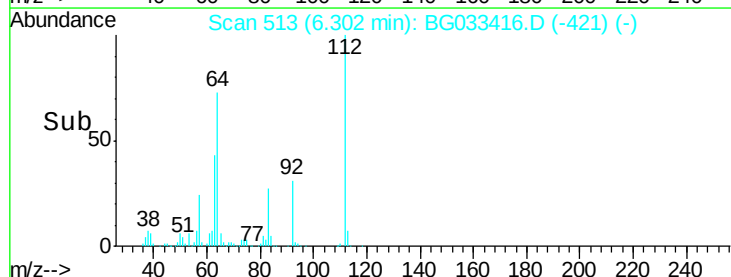
63 42.8 30.1 45.1

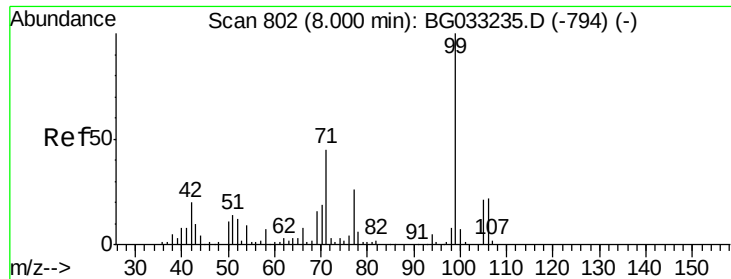


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 130.100 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033416.D

Acq: 29 Mar 2018 11:43

Instrument :

BNA_G

ClientSampleId :

RO-CV-2043

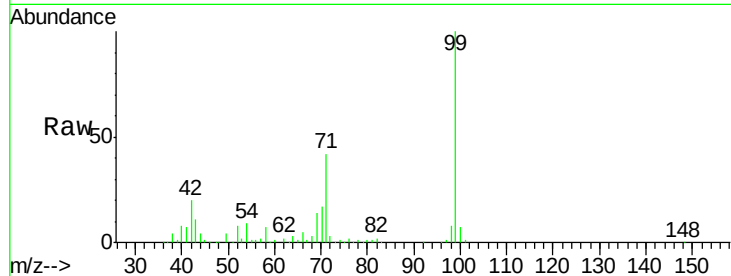
Tot Ion: 99 Resp: 472201

Ion Ratio Lower Upper

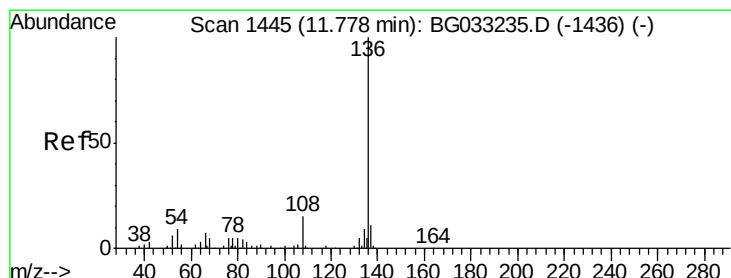
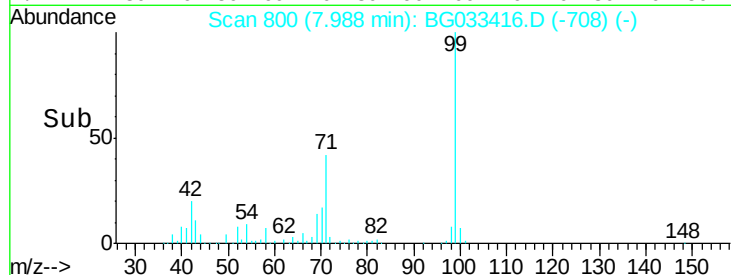
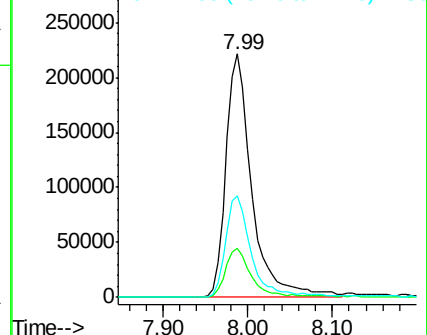
99 100

42 20.4 14.1 21.1

71 41.8 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033416.D

Acq: 29 Mar 2018 11:43

Tgt Ion: 136 Resp: 155738

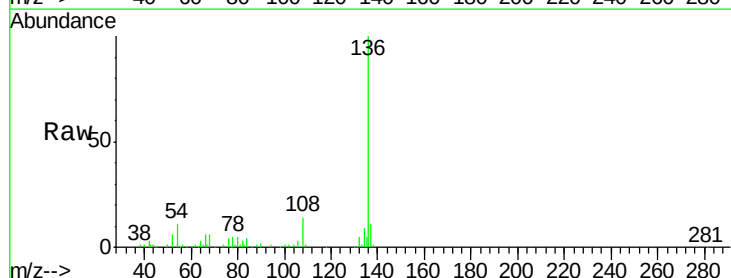
Ion Ratio Lower Upper

136 100

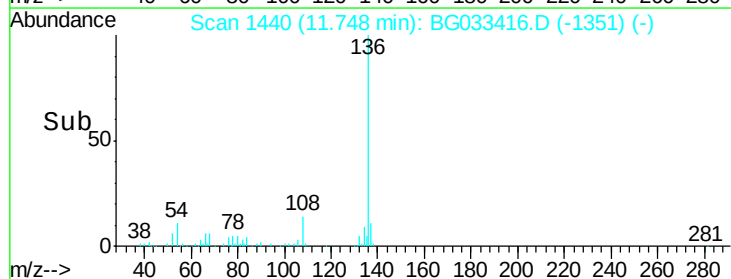
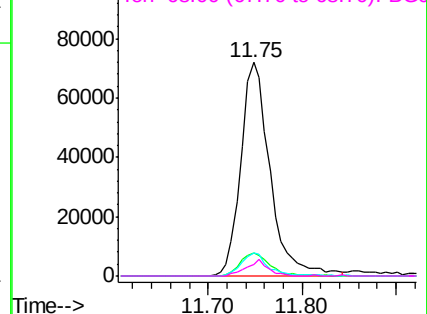
137 10.8 9.2 13.8

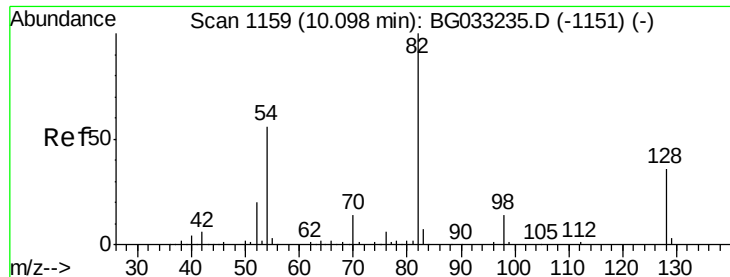
54 10.8 10.3 15.5

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: 109.103 ng

RT: 10.07 min Scan# 1154

Delta R.T. -0.01 min

Lab File: BG033416.D

Acq: 29 Mar 2018 11:43

Instrument :

BNA_G

ClientSampleId :

RO-CV-2043

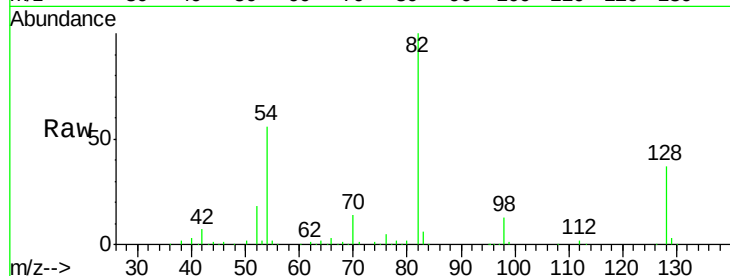
Tot Ion: 82 Resp: 369830

Ion Ratio Lower Upper

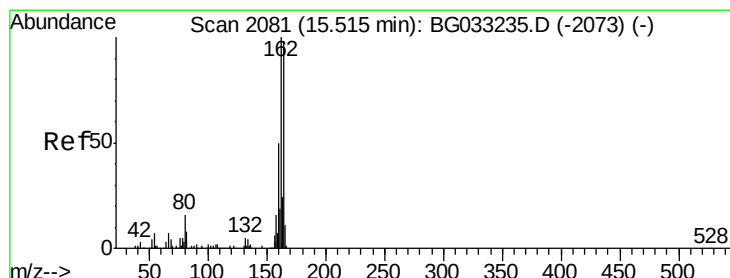
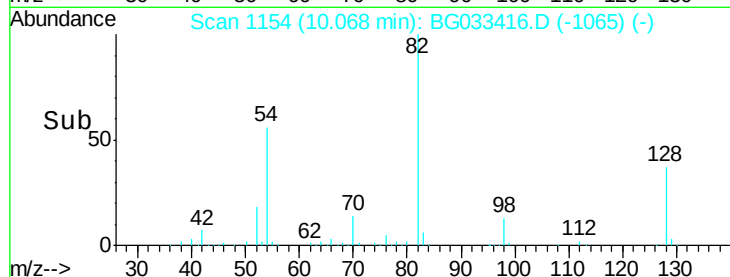
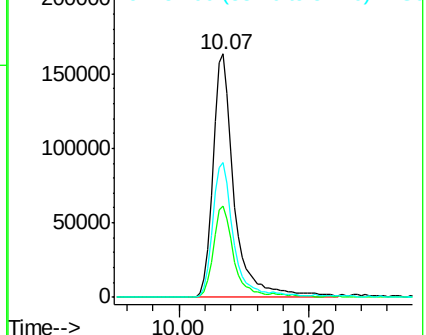
82 100

128 37.3 29.7 44.5

54 55.6 43.1 64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC



#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 15.49 min Scan# 2076

Delta R.T. -0.00 min

Lab File: BG033416.D

Acq: 29 Mar 2018 11:43

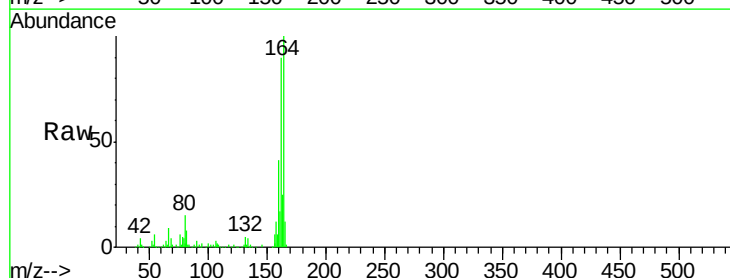
Tgt Ion: 164 Resp: 122465

Ion Ratio Lower Upper

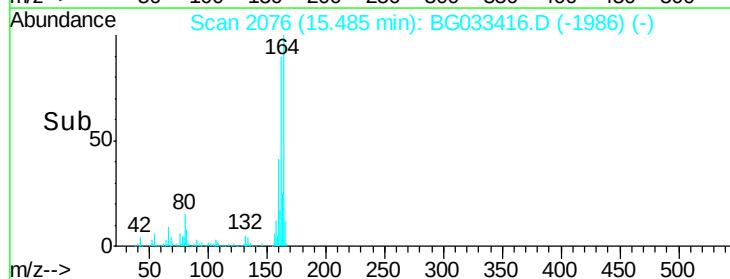
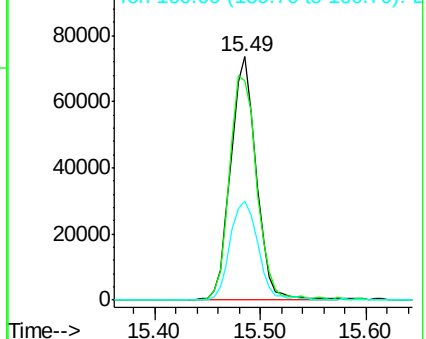
164 100

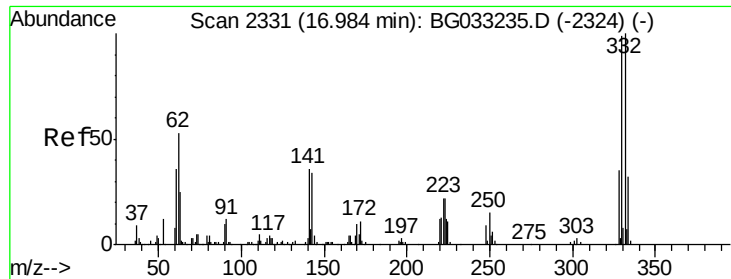
162 90.0 78.8 118.2

160 40.7 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): BGC
Ion 162.00 (161.70 to 162.70): BGC
Ion 160.00 (159.70 to 160.70): BGC

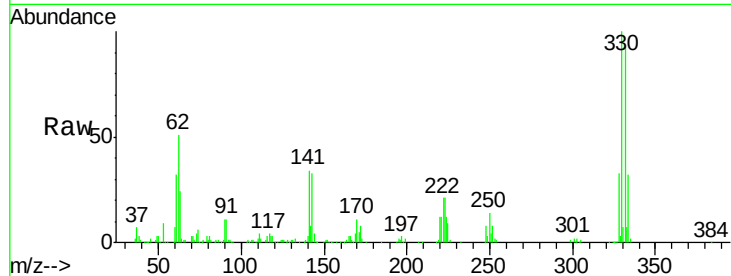




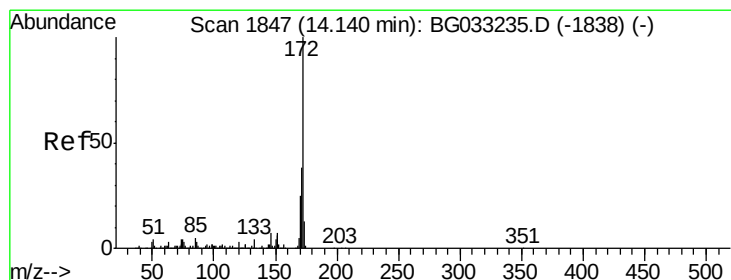
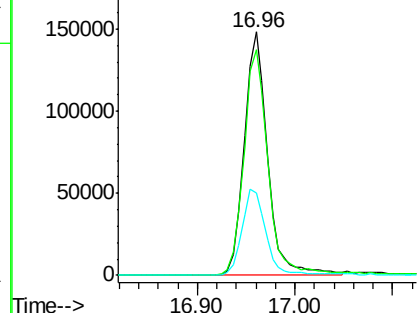
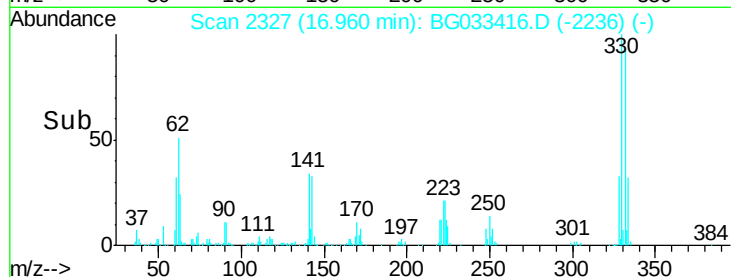
#41
 2,4,6-Tribromophenol
 Concen: 134.918 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033416.D
 Acq: 29 Mar 2018 11:43

Instrument :
 BNA_G
 ClientSampleId :
 RO-CV-2043

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.0	115.6
141	36.3	25.2	37.8

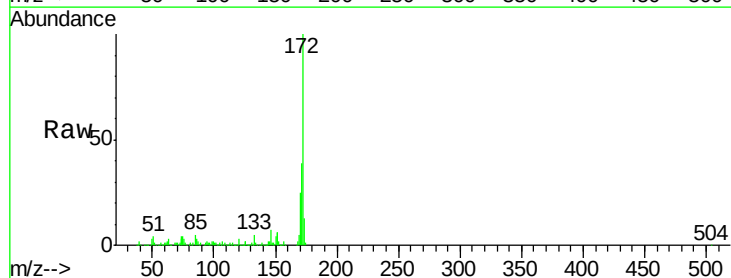


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

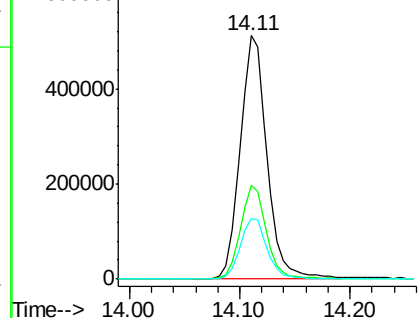
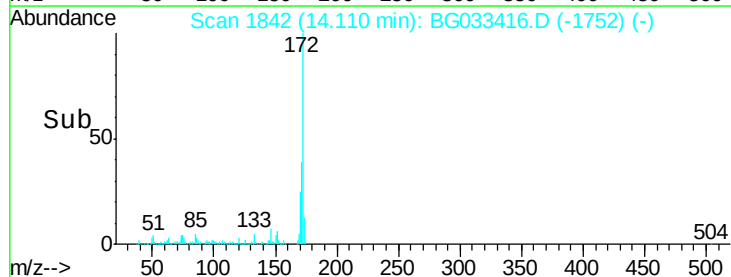


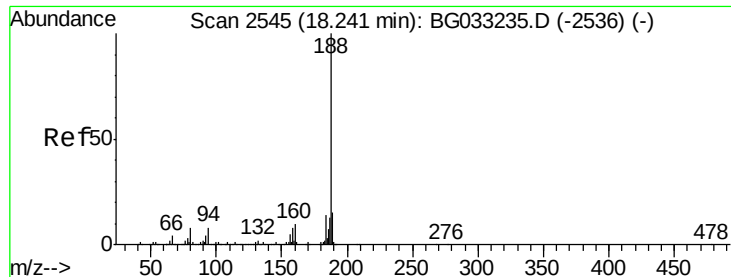
#44
 2-Fluorobiphenyl
 Concen: 103.066 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033416.D
 Acq: 29 Mar 2018 11:43

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: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033416.D

Acq: 29 Mar 2018 11:43

Instrument :

BNA_G

ClientSampleId :

RO-CV-2043

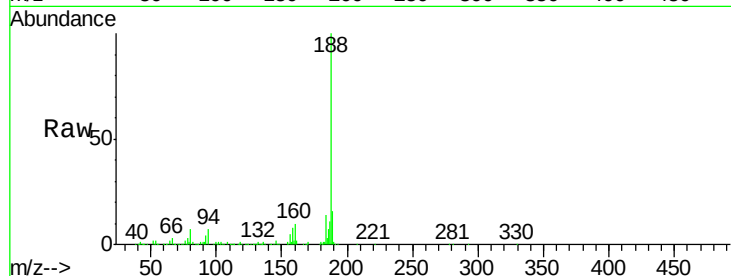
Tot Ion:188 Resp: 304003

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

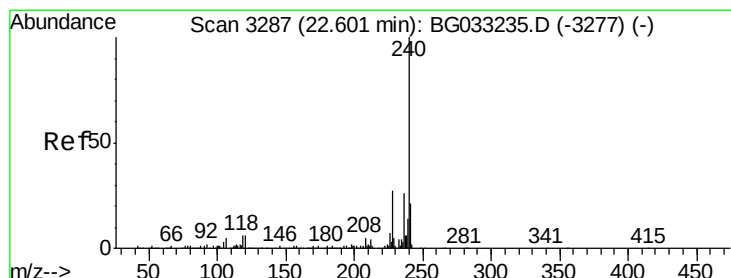
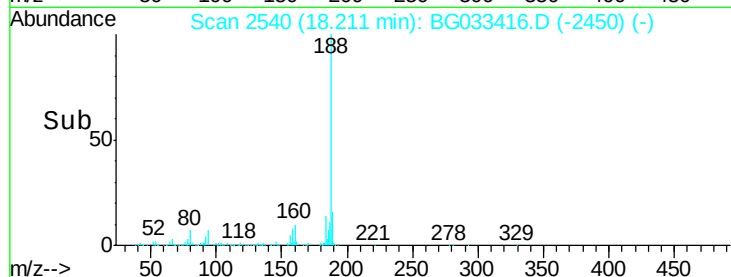
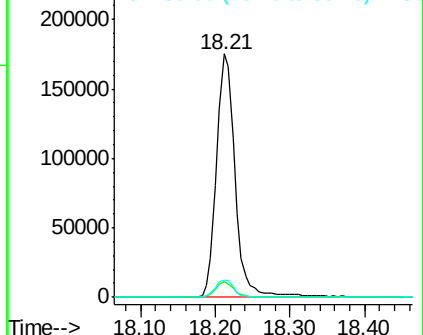
80 6.7 7.7 11.5#



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: BG033416.D

Acq: 29 Mar 2018 11:43

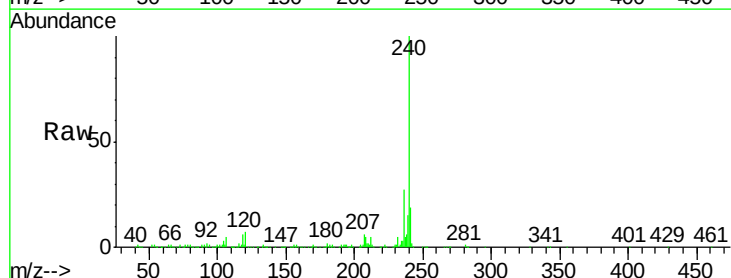
Tgt Ion:240 Resp: 312751

Ion Ratio Lower Upper

240 100

120 7.5 6.8 10.2

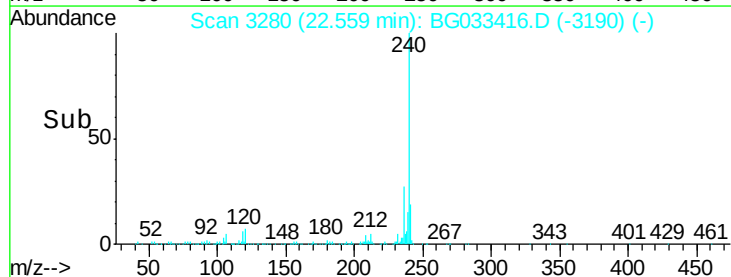
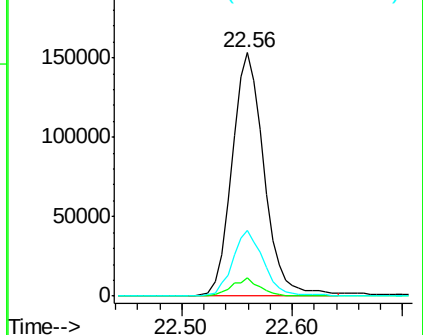
236 27.1 20.9 31.3

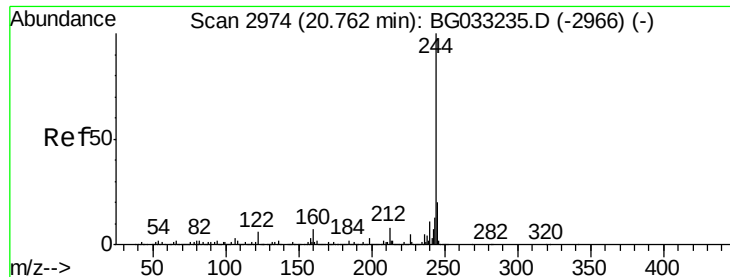


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 108.746 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033416.D

Acq: 29 Mar 2018 11:43

Instrument :

BNA_G

ClientSampleId :

RO-CV-2043

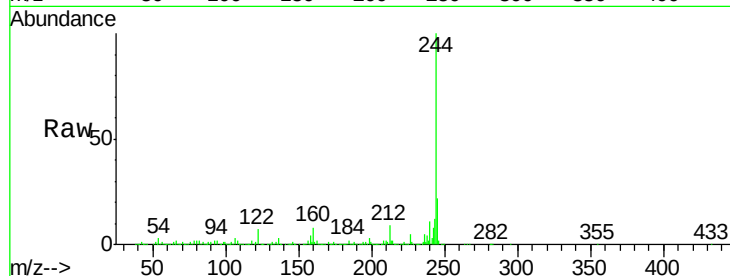
Tot Ion:244 Resp: 1590307

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

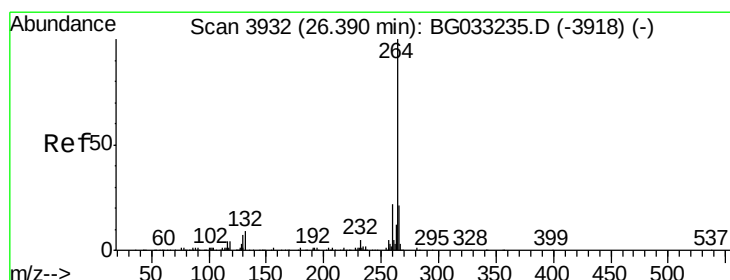
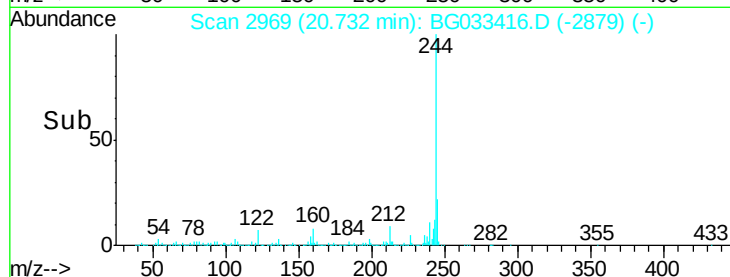
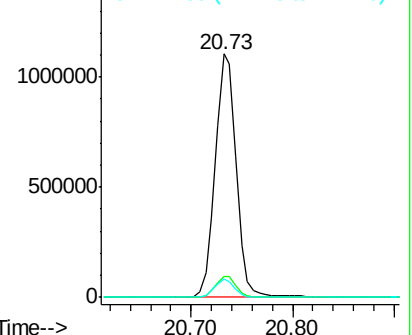
122 7.4 7.0 10.4



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# 3921

Delta R.T. -0.01 min

Lab File: BG033416.D

Acq: 29 Mar 2018 11:43

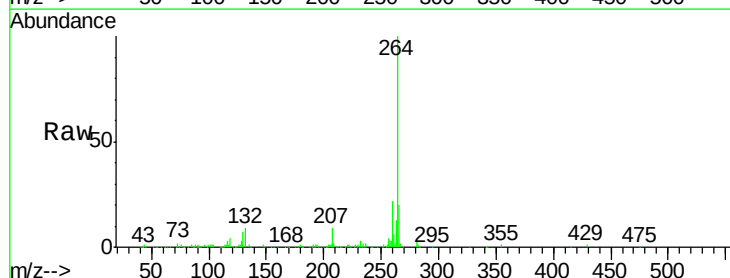
Tgt Ion:264 Resp: 315997

Ion Ratio Lower Upper

264 100

260 21.7 17.4 26.0

265 19.8 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

