

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033414.D
 Acq On : 29 Mar 2018 10:28
 Operator : SJ/JU
 Sample : J2065-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-CV-2536

Quant Time: Mar 29 11:57:29 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	41314	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	176865	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	134097	20.00	ng	0.00
63) Phenanthrene-d10	18.22	188	313102	20.00	ng	0.00
75) Chrysene-d12	22.56	240	331313	20.00	ng	0.00
86) Perylene-d12	26.33	264	330510	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	307861	139.73	ng	0.00
7) Phenol-d6	7.99	99	430350	113.68	ng	0.00
23) Nitrobenzene-d5	10.07	82	338211	87.86	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	178412	88.96	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	817356	87.99	ng	0.00
78) Terphenyl-d14	20.73	244	1398790	90.29	ng	0.00

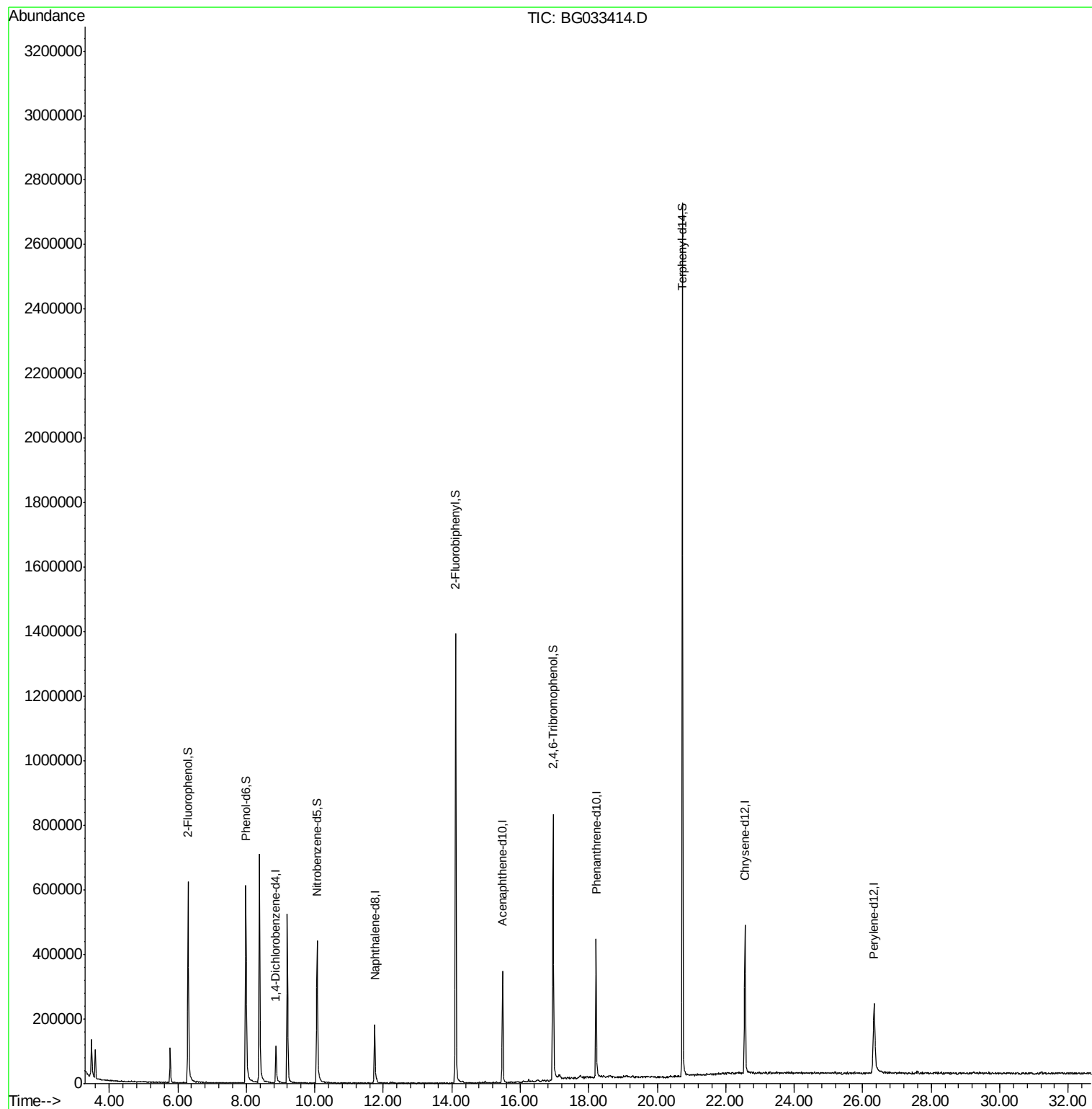
Target Compounds Qvalue

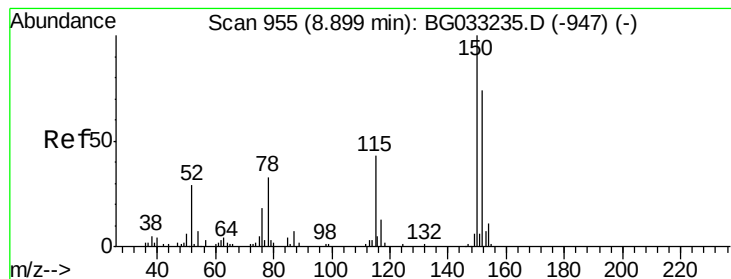
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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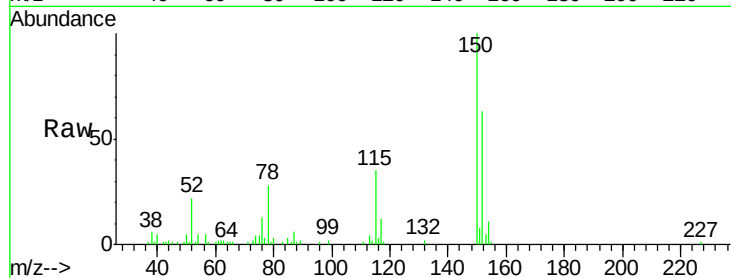


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.87 min Scan# 950
 Delta R.T. -0.01 min
 Lab File: BG033414.D
 Acq: 29 Mar 2018 10:28

Instrument :
 BNA_G
 ClientSampleId :
 RO-CV-2536

Tot Ion	Ratio	Lower	Upper
152	100		
150	158.9	126.6	189.8
115	55.7	53.0	79.4

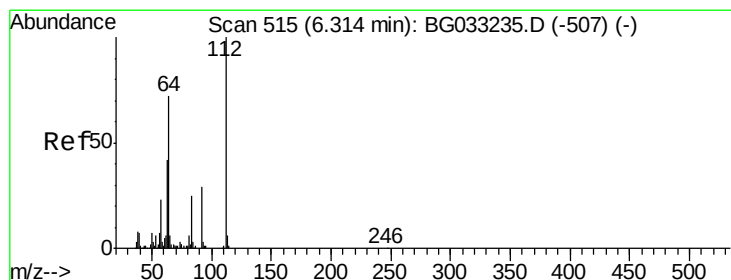
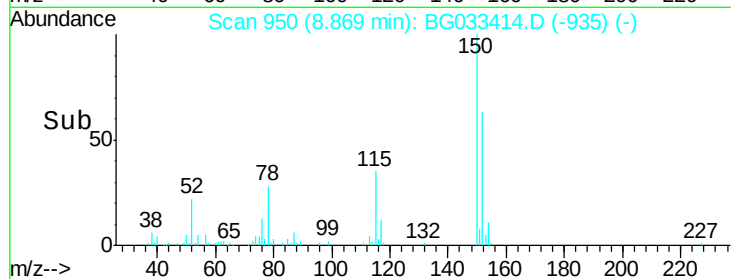
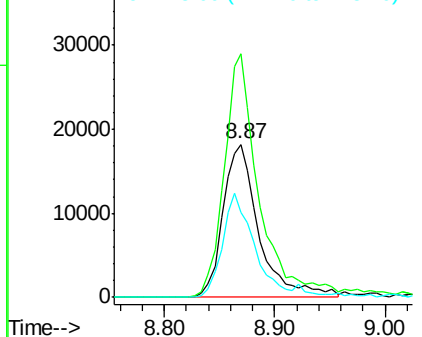


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

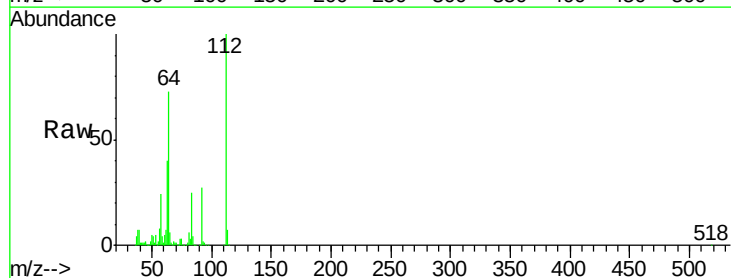
Ion 115.00 (114.70 to 115.70): E



#5

2-Fluorophenol
 Concen: 139.729 ng
 RT: 6.30 min Scan# 513
 Delta R.T. 0.01 min
 Lab File: BG033414.D
 Acq: 29 Mar 2018 10:28

Tgt Ion	Ratio	Lower	Upper
112	100		
64	72.7	56.3	84.5
63	40.2	30.1	45.1

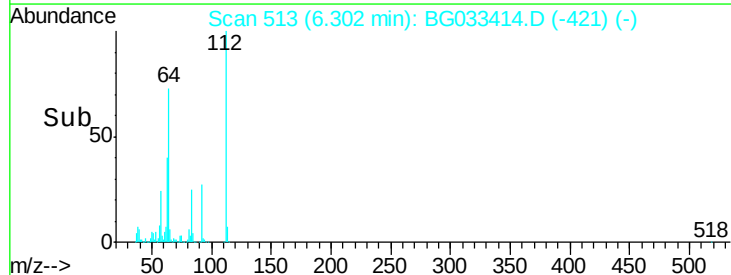
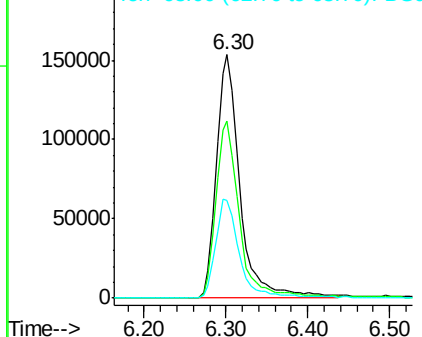


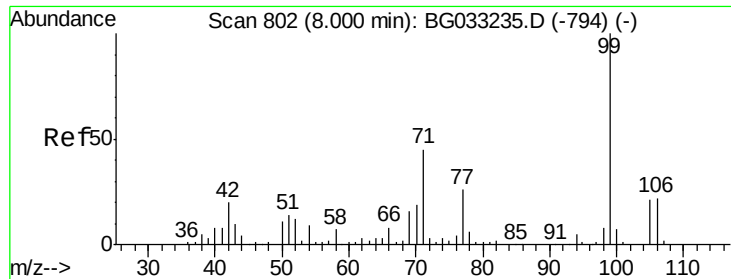
Abundance

Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG

Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 113.679 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033414.D

Acq: 29 Mar 2018 10:28

Instrument :

BNA_G

ClientSampled :

RO-CV-2536

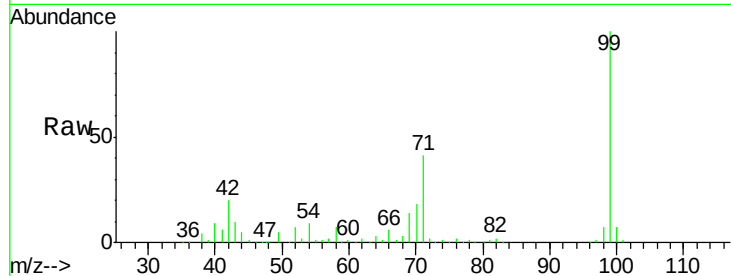
Tot Ion: 99 Resp: 430350

Ion Ratio Lower Upper

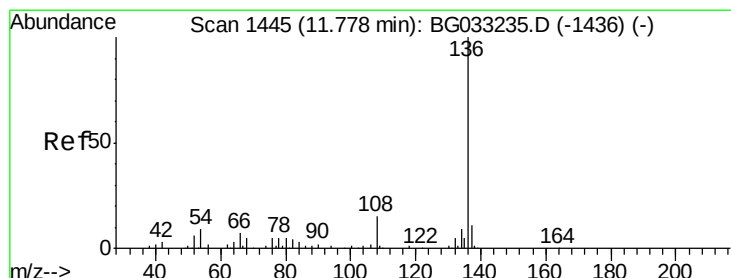
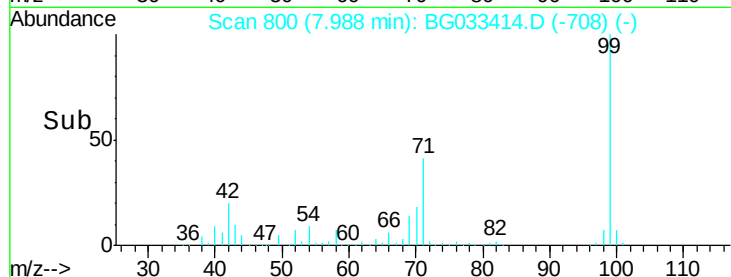
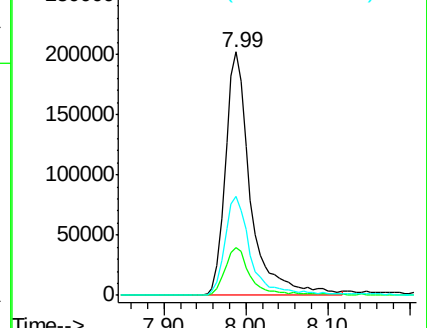
99 100

42 19.5 14.1 21.1

71 40.7 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: BG033414.D

Acq: 29 Mar 2018 10:28

Tgt Ion: 136 Resp: 176865

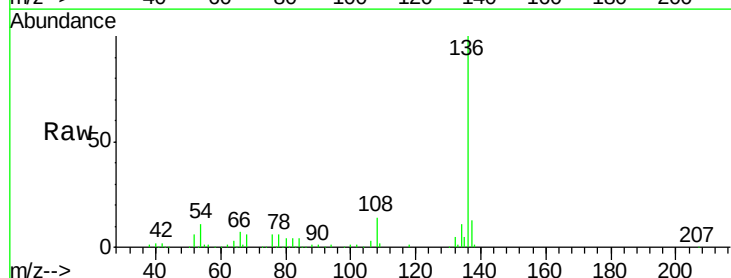
Ion Ratio Lower Upper

136 100

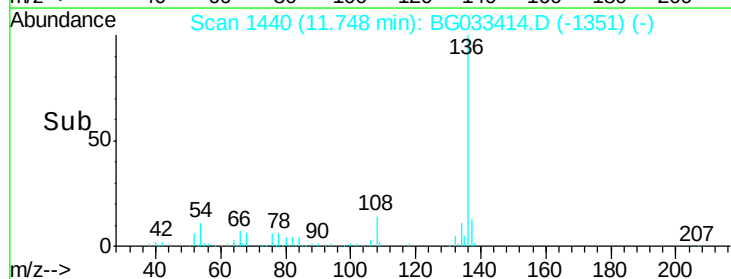
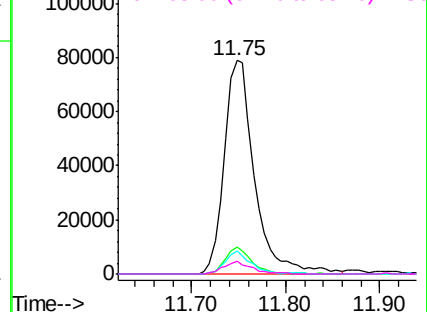
137 12.6 9.2 13.8

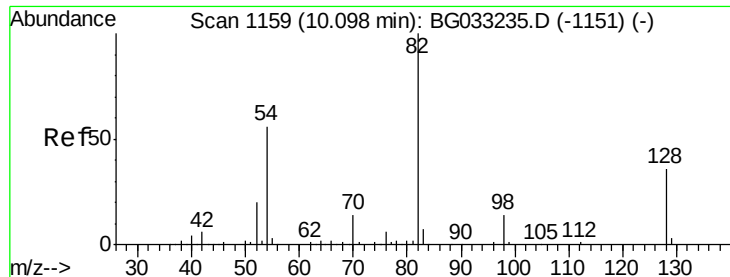
54 11.0 10.3 15.5

68 6.3 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

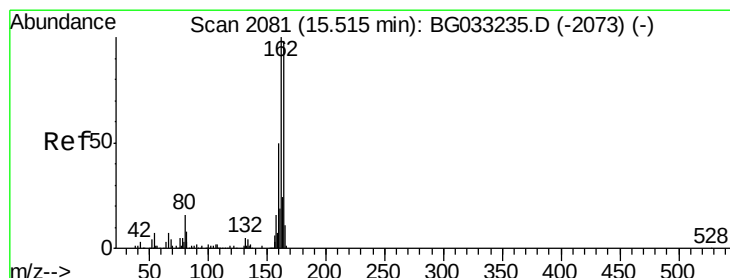
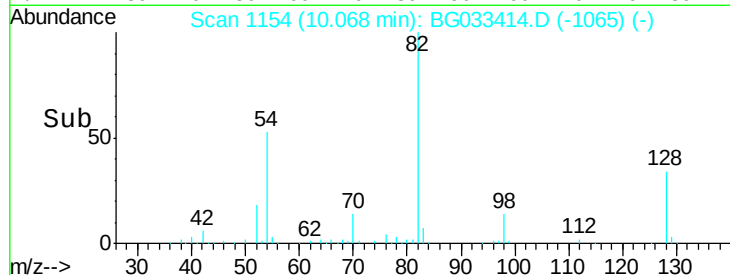
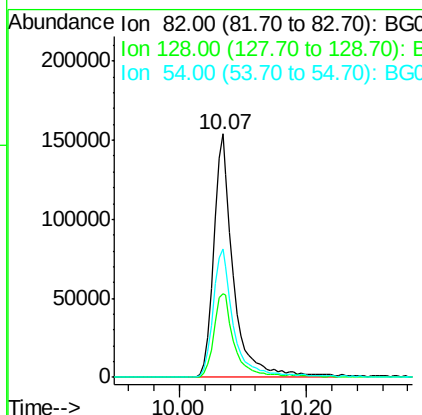
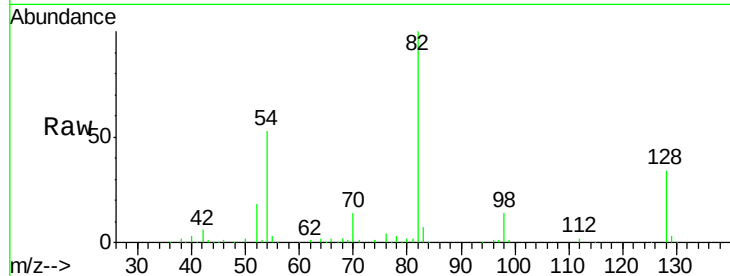




#23
 Nitrobenzene-d5
 Concen: 87.857 ng
 RT: 10.07 min Scan# 1154
 Delta R.T. -0.01 min
 Lab File: BG033414.D
 Acq: 29 Mar 2018 10:28

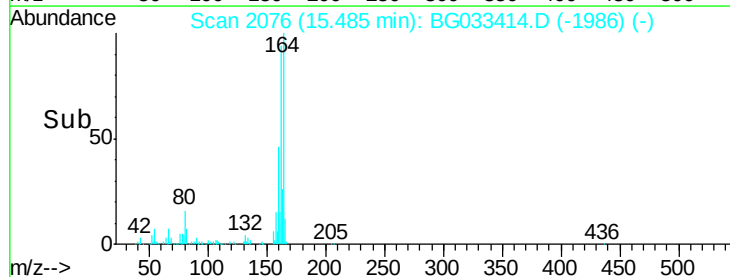
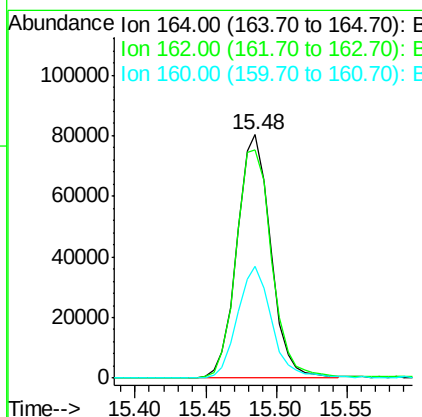
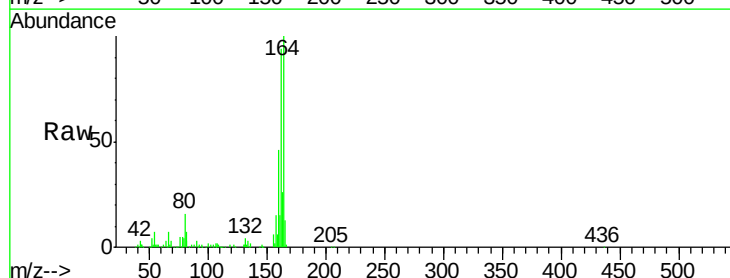
Instrument :
 BNA_G
 ClientSampleId :
 RO-CV-2536

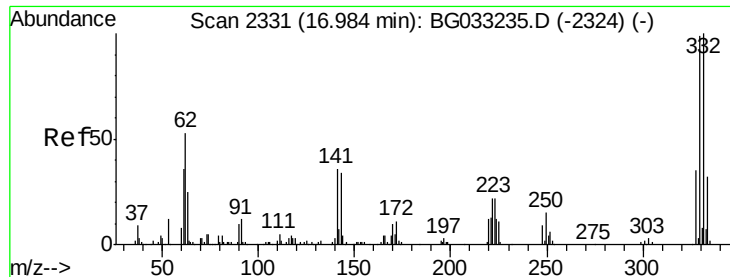
Tot Ion: 82 Resp: 338211
 Ion Ratio Lower Upper
 82 100
 128 34.4 29.7 44.5
 54 52.6 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2076
 Delta R.T. -0.00 min
 Lab File: BG033414.D
 Acq: 29 Mar 2018 10:28

Tgt Ion: 164 Resp: 134097
 Ion Ratio Lower Upper
 164 100
 162 93.7 78.8 118.2
 160 45.7 35.4 53.0

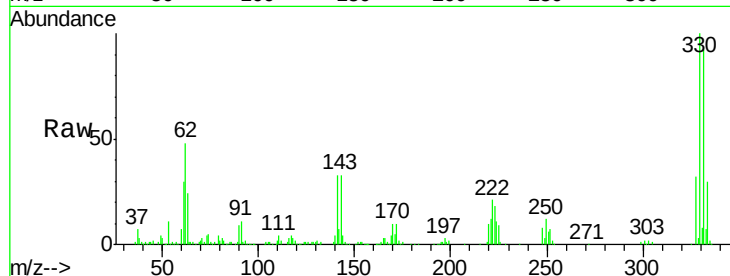




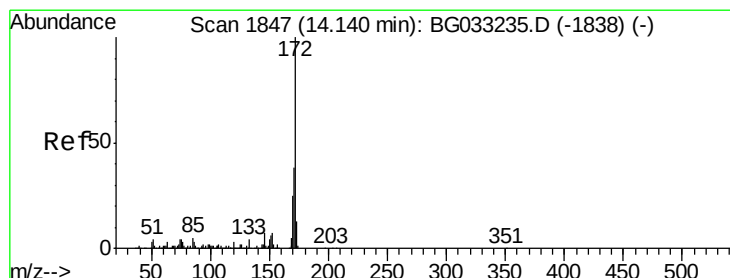
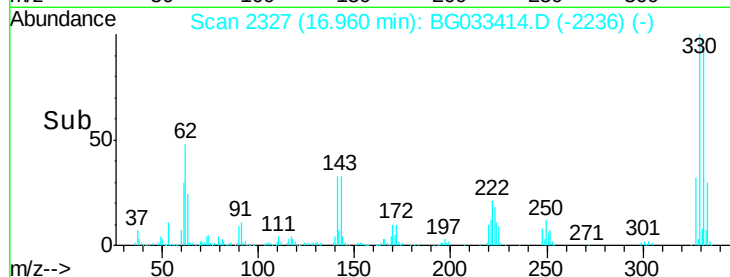
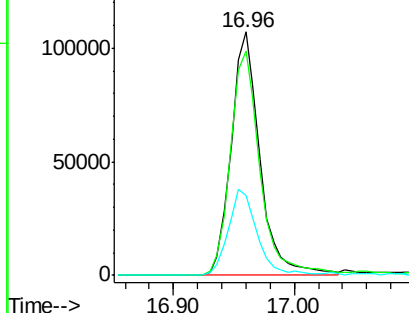
#41
 2,4,6-Tribromophenol
 Concen: 88.958 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033414.D
 Acq: 29 Mar 2018 10:28

Instrument :
 BNA_G
 ClientSampleId :
 RO-CV-2536

Tot Ion:330 Resp: 178412
 Ion Ratio Lower Upper
 330 100
 332 95.6 77.0 115.6
 141 35.6 25.2 37.8

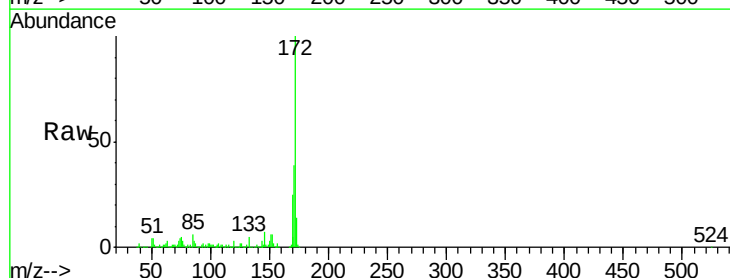


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

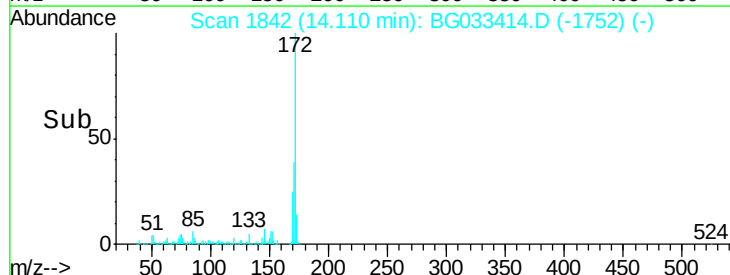
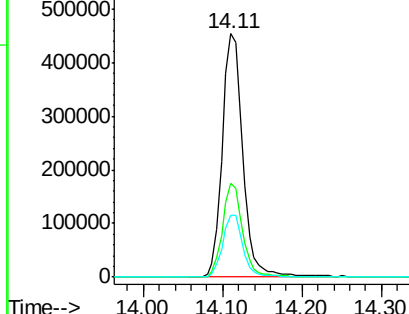


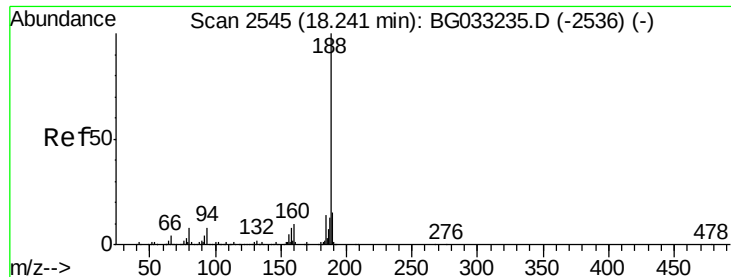
#44
 2-Fluorobiphenyl
 Concen: 87.993 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033414.D
 Acq: 29 Mar 2018 10:28

Tgt Ion:172 Resp: 817356
 Ion Ratio Lower Upper
 172 100
 171 38.7 30.0 45.0
 170 25.3 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: 18.22 min Scan# 2541

Delta R.T. 0.00 min

Lab File: BG033414.D

Acq: 29 Mar 2018 10:28

Instrument :

BNA_G

ClientSampleId :

RO-CV-2536

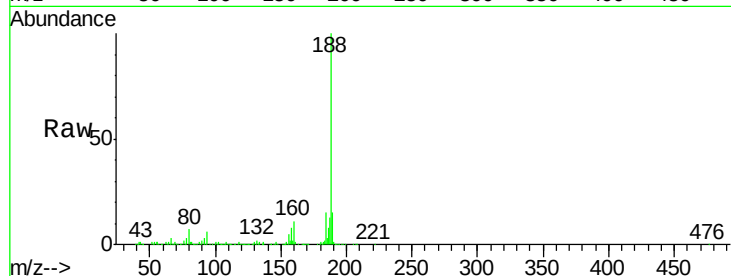
Tot Ion:188 Resp: 313102

Ion Ratio Lower Upper

188 100

94 5.9 6.9 10.3#

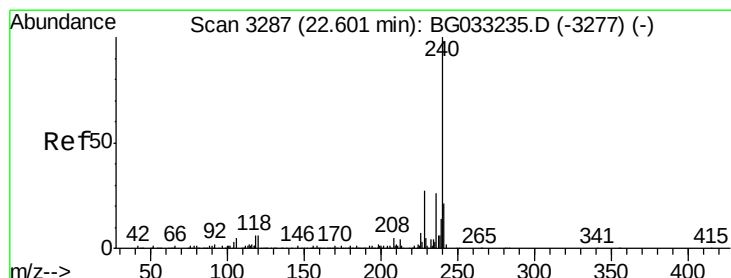
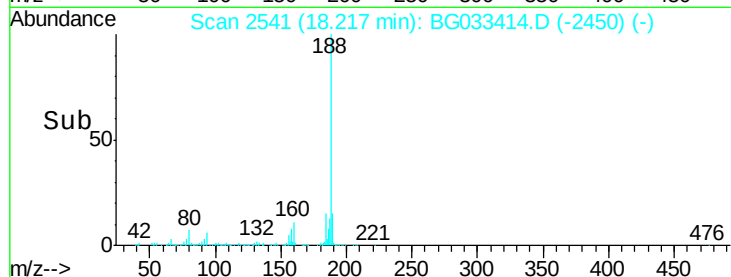
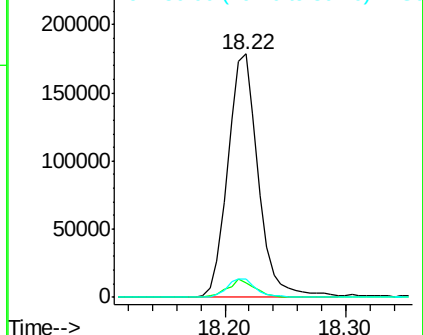
80 7.4 7.7 11.5#



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: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033414.D

Acq: 29 Mar 2018 10:28

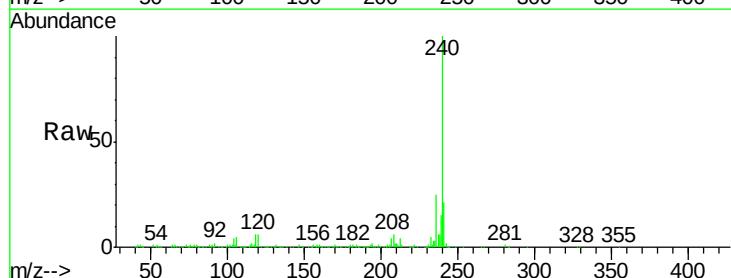
Tgt Ion:240 Resp: 331313

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

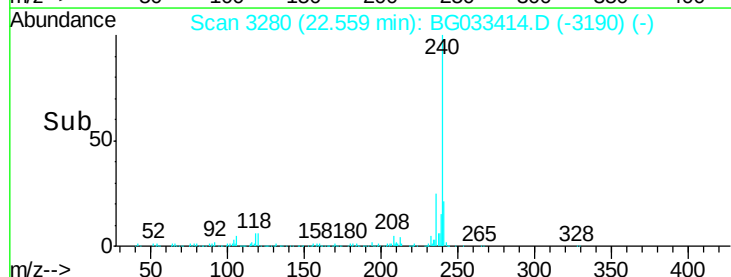
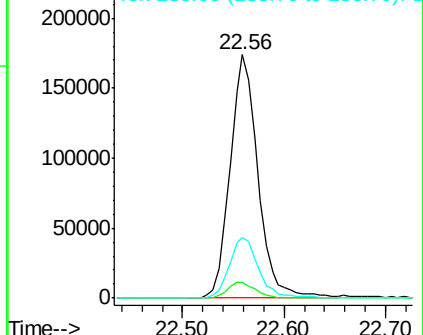
236 25.1 20.9 31.3

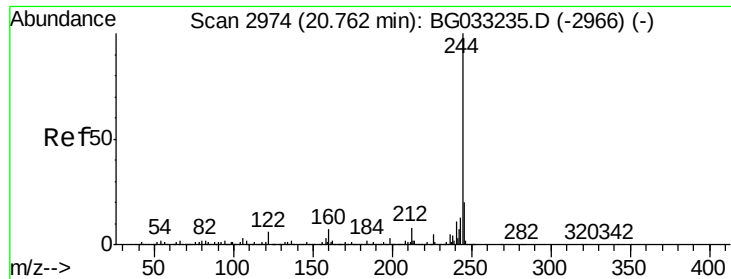


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 90.291 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033414.D

Acq: 29 Mar 2018 10:28

Instrument :

BNA_G

ClientSampleId :

RO-CV-2536

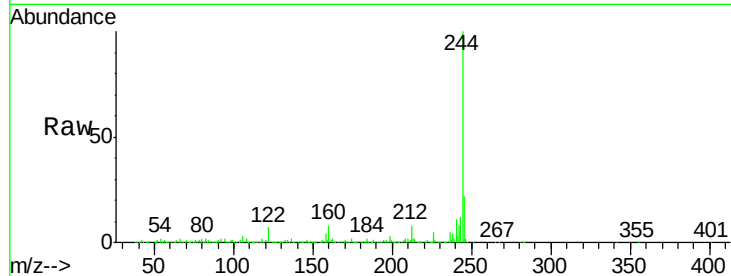
Tot Ion:244 Resp: 1398790

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

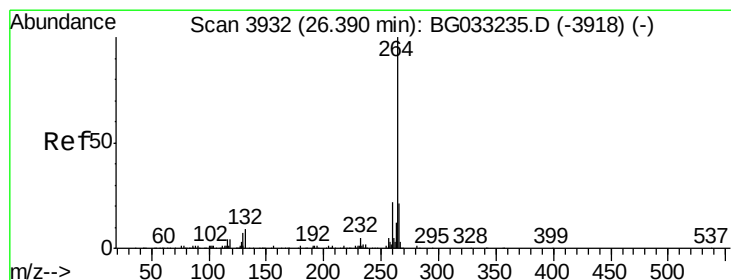
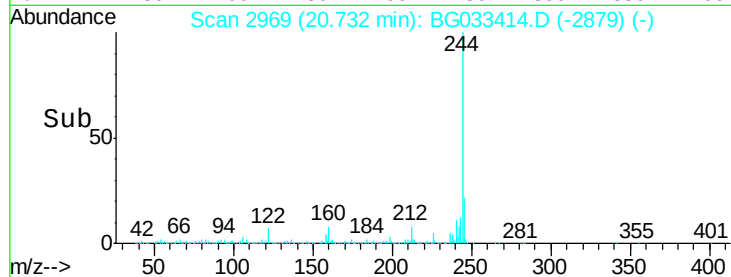
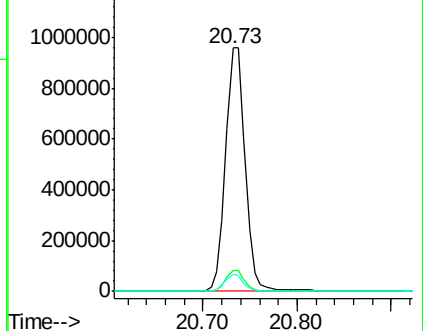
122 7.1 7.0 10.4



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: BG033414.D

Acq: 29 Mar 2018 10:28

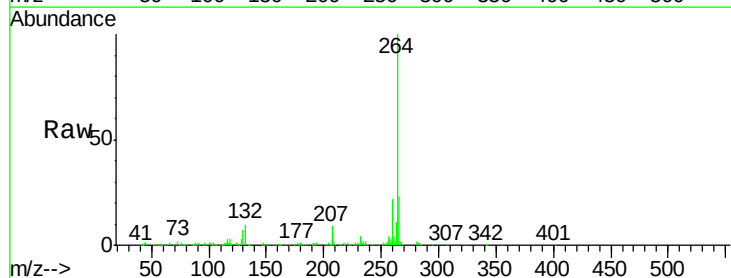
Tgt Ion:264 Resp: 330510

Ion Ratio Lower Upper

264 100

260 22.1 17.4 26.0

265 22.6 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

