

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010218\
 Data File : BG031872.D
 Acq On : 2 Jan 2018 15:31
 Operator : SJ/JU
 Sample : PB105419BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB105419BL

Quant Time: Jan 02 16:45:58 2018
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 29 15:51:46 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.78	152	48705	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	206441	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	142293	20.00	ng	0.00
63) Phenanthrene-d10	18.14	188	379786	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	435203	20.00	ng	-0.02
86) Perylene-d12	26.22	264	449307	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	447546	167.37	ng	0.00
7) Phenol-d6	7.89	99	572320	164.85	ng	0.00
23) Nitrobenzene-d5	9.98	82	309772	113.31	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	364255	167.77	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	1110623	97.97	ng	0.00
78) Terphenyl-d14	20.68	244	2002616	105.13	ng	0.00

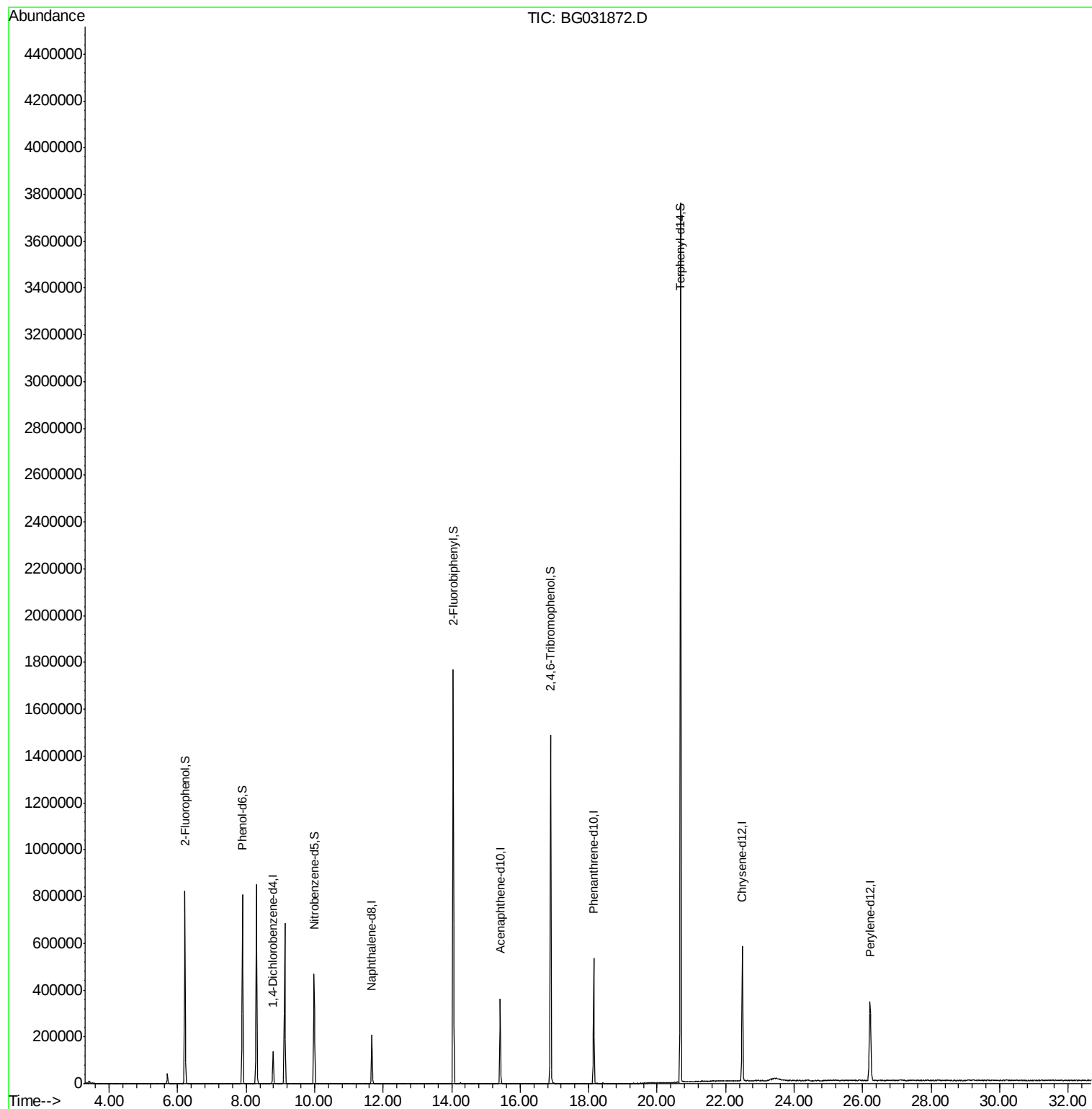
Target Compounds	Qvalue
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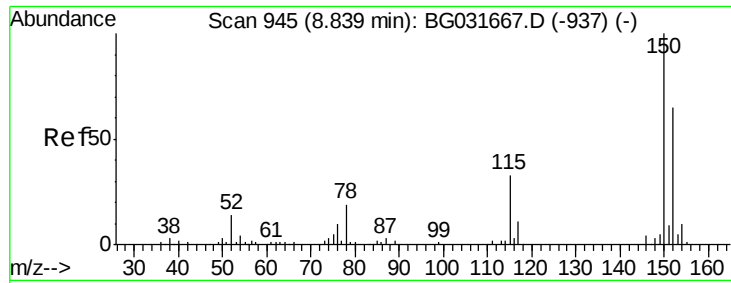
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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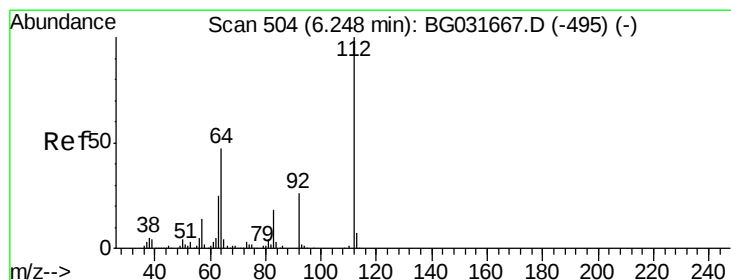
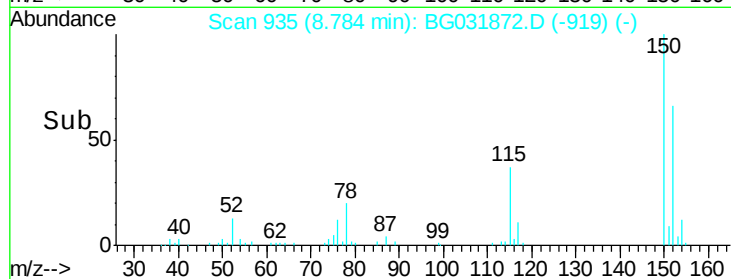
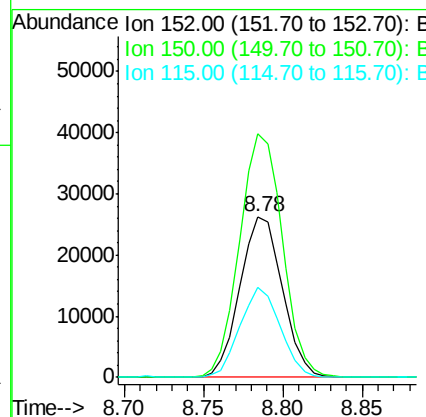
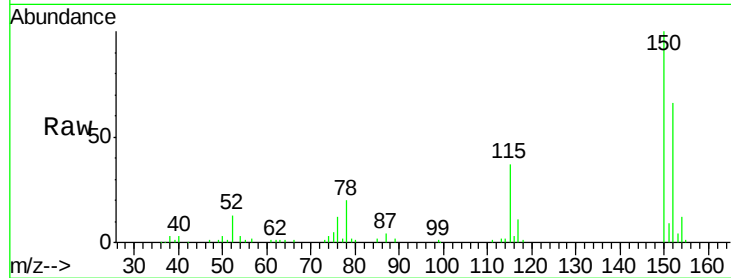




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.78 min Scan# 935
 Delta R.T. -0.01 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

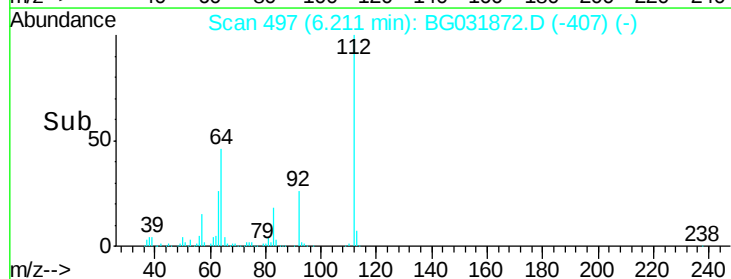
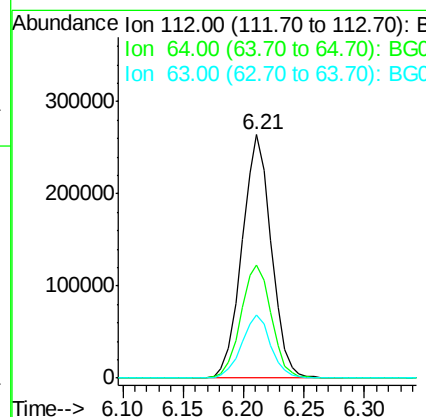
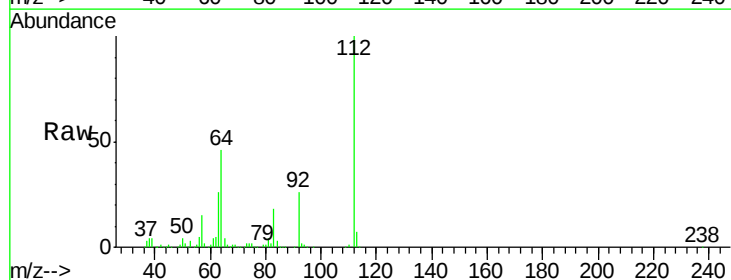
Instrument :
 BNA_G
 ClientSampleId :
 PB105419BL

Tgt Ion:152 Resp: 48705
 Ion Ratio Lower Upper
 152 100
 150 151.3 126.6 189.8
 115 55.8 53.0 79.4



#5
 2-Fluorophenol
 Concen: 167.365 ng
 RT: 6.21 min Scan# 497
 Delta R.T. -0.00 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

Tgt Ion:112 Resp: 447546
 Ion Ratio Lower Upper
 112 100
 64 46.5 56.3 84.5#
 63 26.1 30.1 45.1#





#7

Phenol-d6

Concen: 164.847 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.00 min

Lab File: BG031872.D

Acq: 2 Jan 2018 15:31

Instrument :

BNA_G

ClientSampleId :

PB105419BL

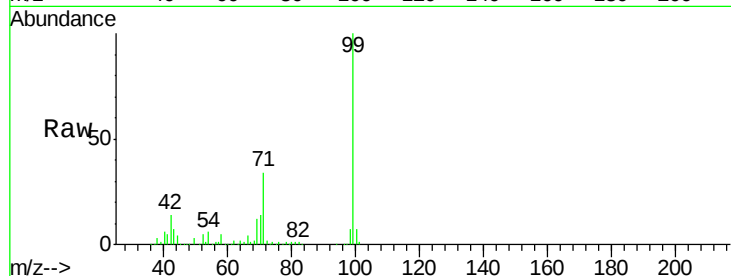
Tgt Ion: 99 Resp: 572320

Ion Ratio Lower Upper

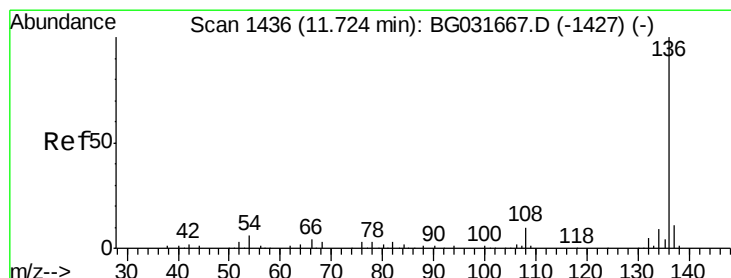
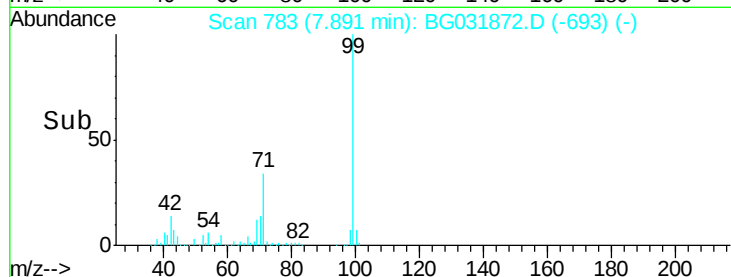
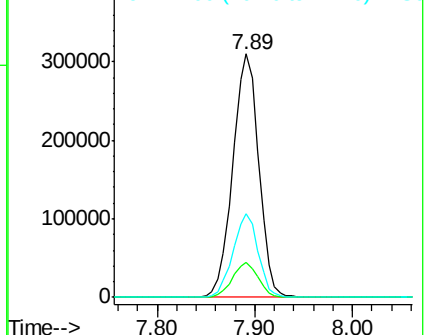
99 100

42 14.3 14.1 21.1

71 34.3 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: 11.67 min Scan# 1426

Delta R.T. -0.01 min

Lab File: BG031872.D

Acq: 2 Jan 2018 15:31

Tgt Ion: 136 Resp: 206441

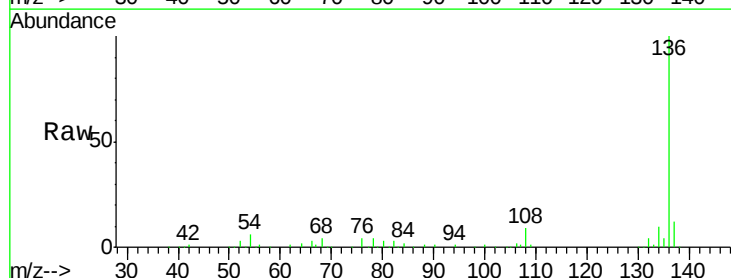
Ion Ratio Lower Upper

136 100

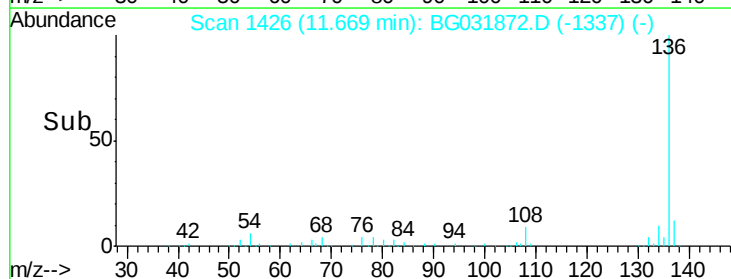
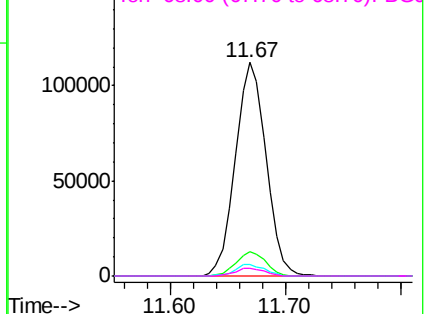
137 11.6 9.2 13.8

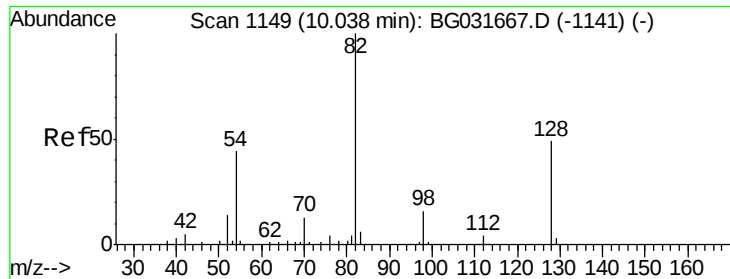
54 5.5 10.3 15.5#

68 3.7 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

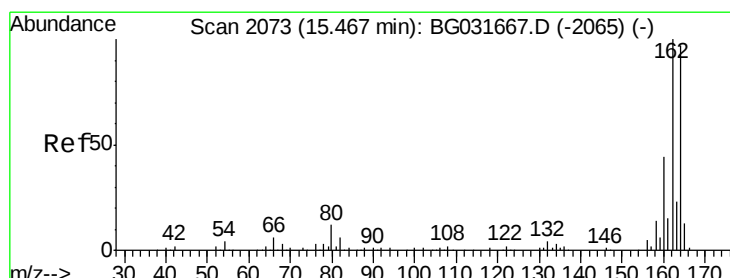
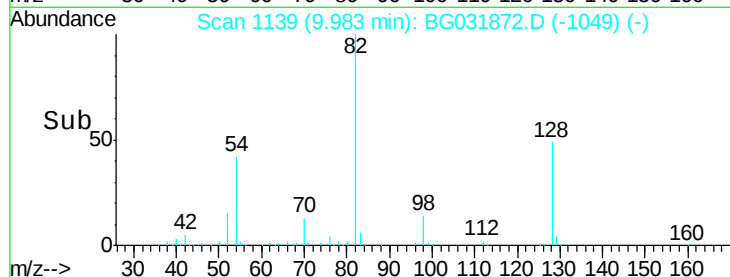
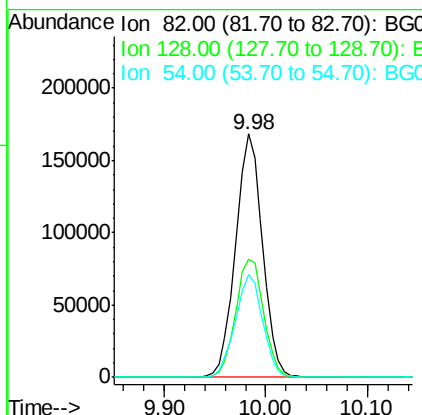
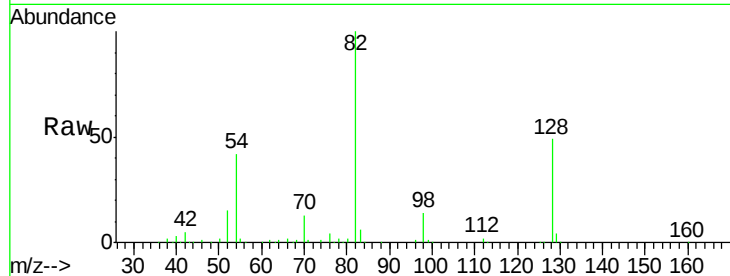




#23
 Nitrobenzene-d5
 Concen: 113.309 ng
 RT: 9.98 min Scan# 1139
 Delta R.T. -0.00 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

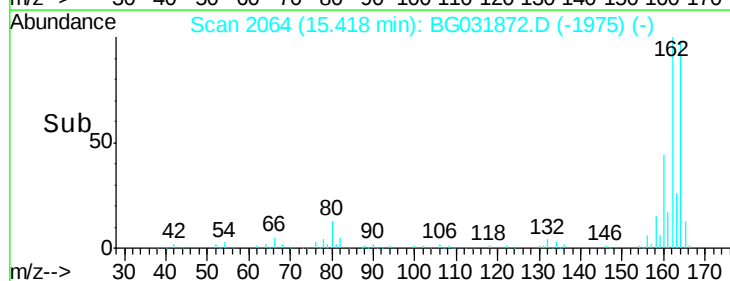
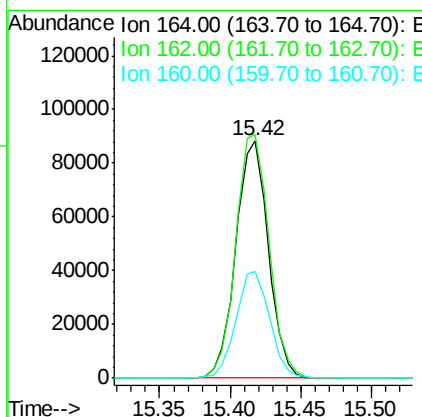
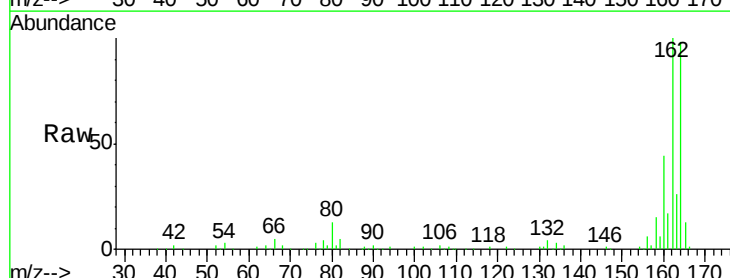
Instrument :
 BNA_G
 ClientSampleID :
 PB105419BL

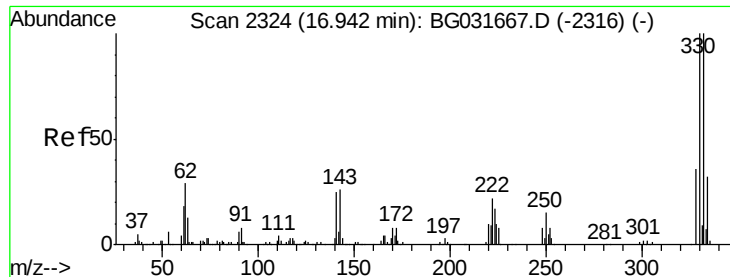
Tgt Ion: 82 Resp: 309772
 Ion Ratio Lower Upper
 82 100
 128 48.6 29.7 44.5#
 54 42.1 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

Tgt Ion: 164 Resp: 142293
 Ion Ratio Lower Upper
 164 100
 162 102.4 78.8 118.2
 160 44.6 35.4 53.0

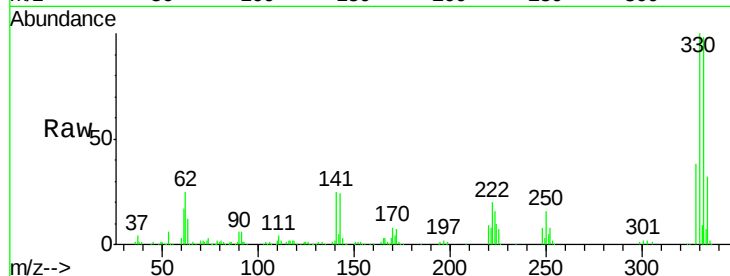




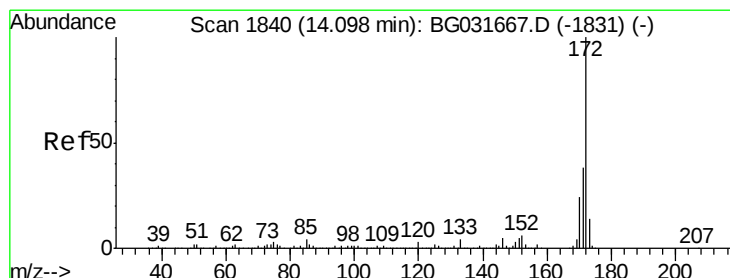
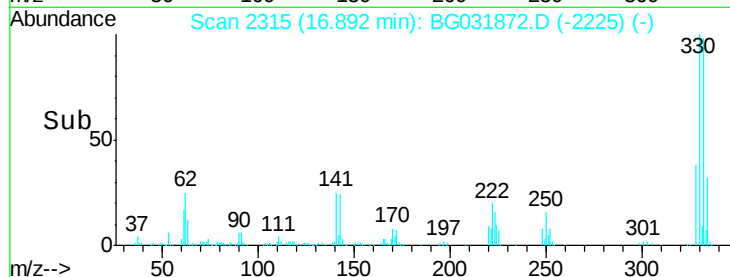
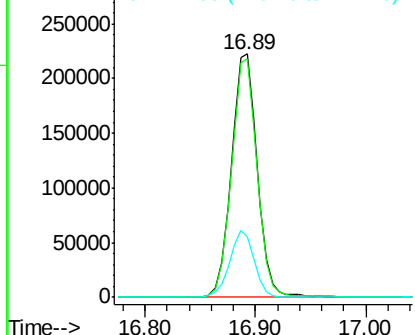
#41
 2,4,6-Tribromophenol
 Concen: 167.767 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.00 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

Instrument :
 BNA_G
 ClientSampleID :
 PB105419BL

Tgt Ion	Ratio	Lower	Upper
330	100		
332	96.9	77.0	115.6
141	26.3	25.2	37.8

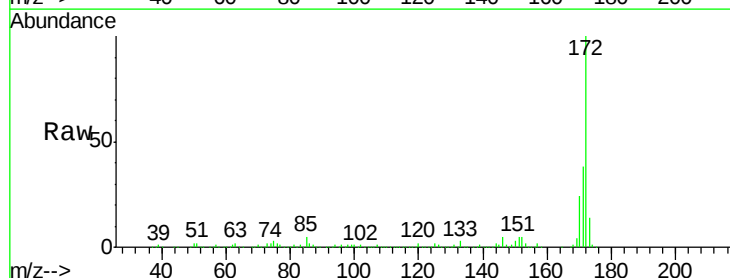


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

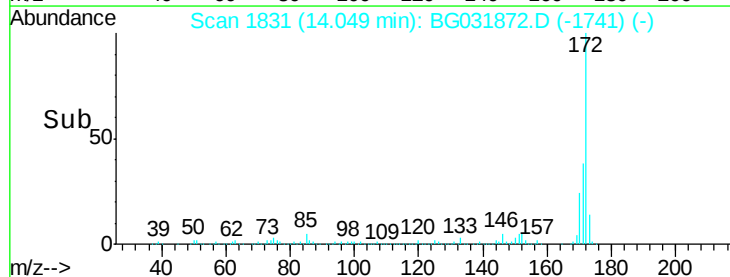
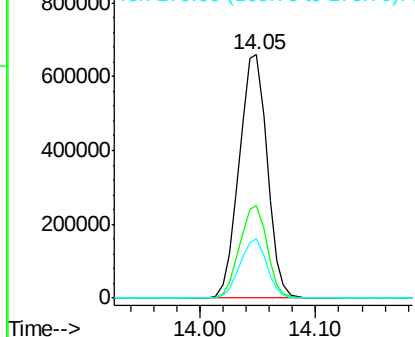


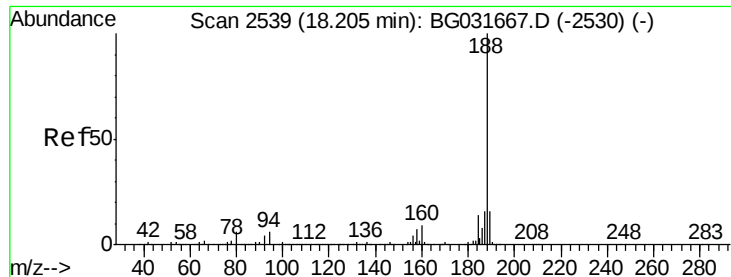
#44
 2-Fluorobiphenyl
 Concen: 97.965 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.00 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.2	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

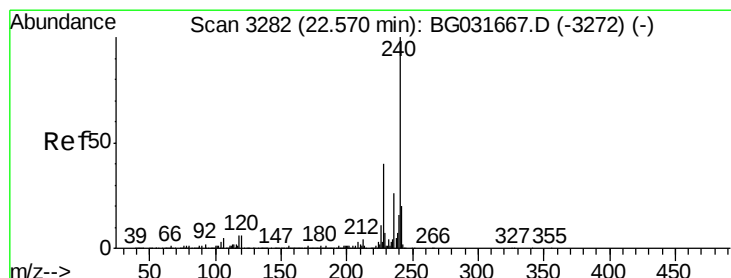
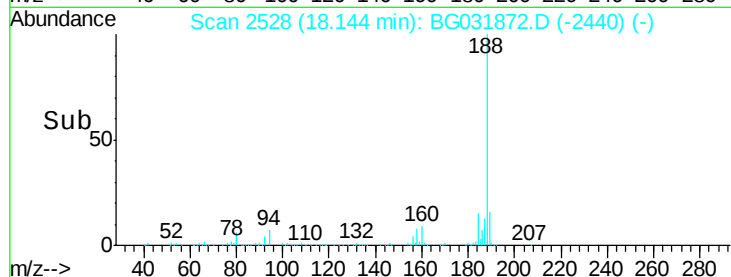
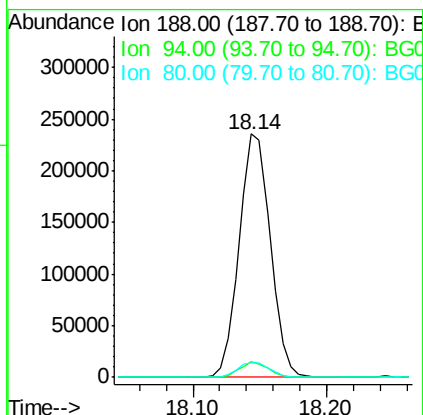
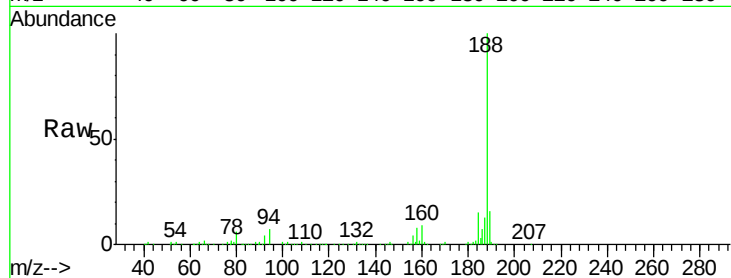




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.14 min Scan# 2528
 Delta R.T. -0.01 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

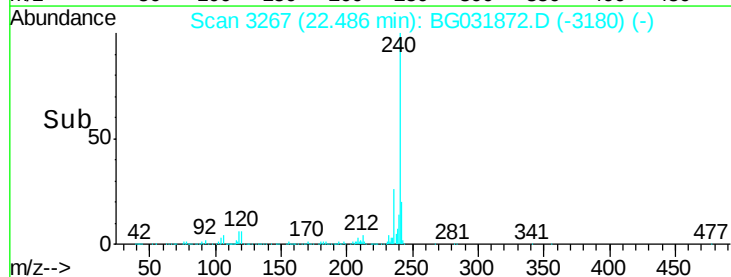
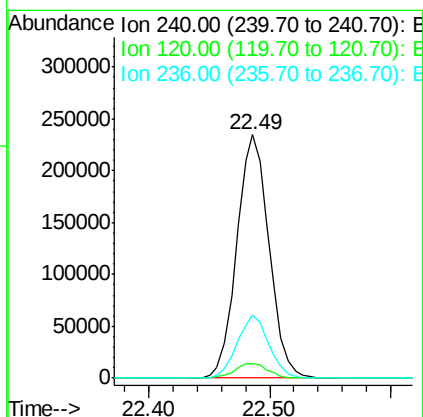
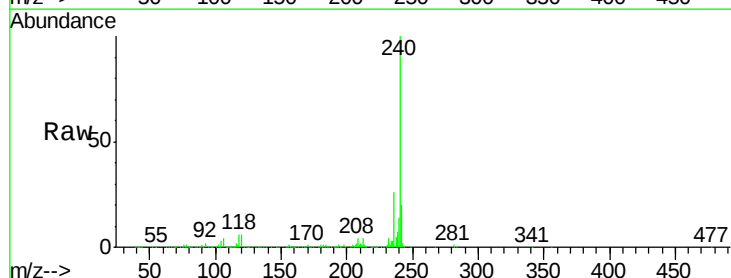
Instrument :
 BNA_G
 ClientSampleId :
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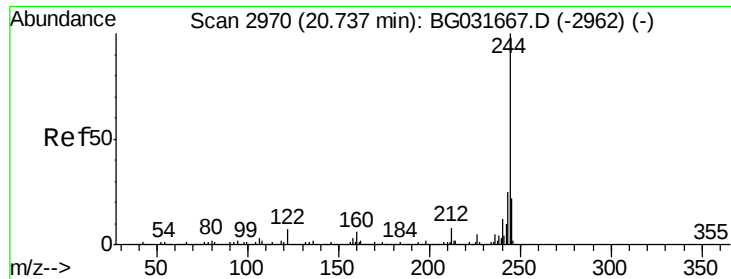
Tgt Ion:188 Resp: 379786
 Ion Ratio Lower Upper
 188 100
 94 6.6 6.9 10.3#
 80 5.8 7.7 11.5#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.49 min Scan# 3267
 Delta R.T. -0.02 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

Tgt Ion:240 Resp: 435203
 Ion Ratio Lower Upper
 240 100
 120 6.0 6.8 10.2#
 236 25.8 20.9 31.3

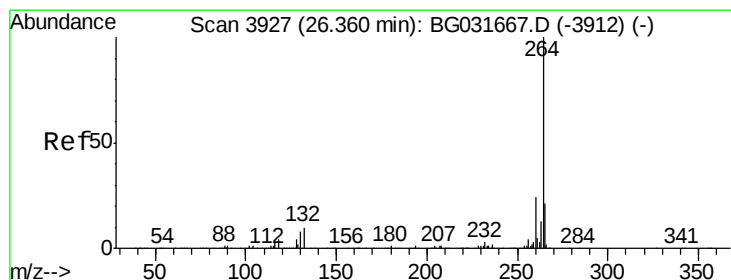
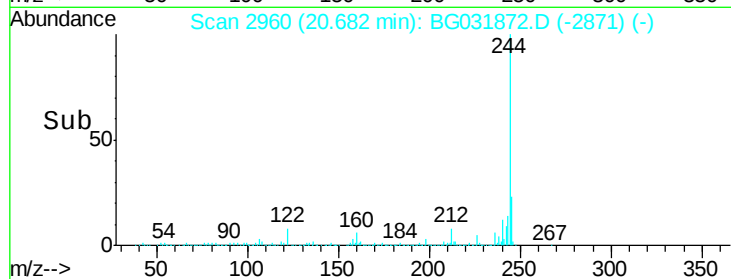
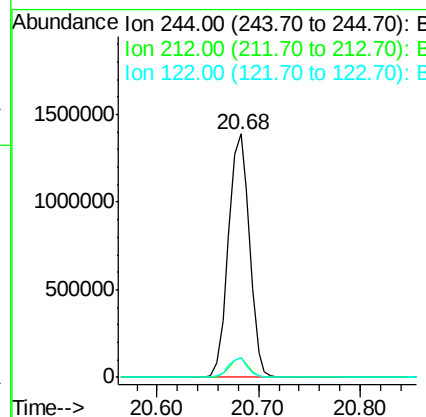
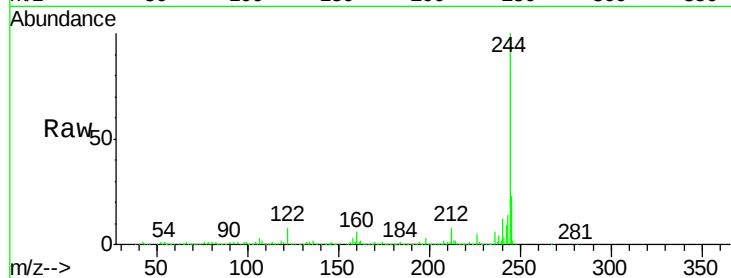




#78
 Terphenyl-d14
 Concen: 105.130 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

Instrument :
 BNA_G
 ClientSampleId :
 PB105419BL

Tgt Ion:244 Resp: 2002616
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.8 8.8
 122 7.8 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.22 min Scan# 3902
 Delta R.T. -0.04 min
 Lab File: BG031872.D
 Acq: 2 Jan 2018 15:31

Tgt Ion:264 Resp: 449307
 Ion Ratio Lower Upper
 264 100
 260 22.9 17.4 26.0
 265 21.4 17.7 26.5

