

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG010218\
 Data File : BG031874.D
 Acq On : 2 Jan 2018 16:46
 Operator : SJ/JU
 Sample : I6680-22
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-122917-A

Quant Time: Jan 02 17:37:50 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

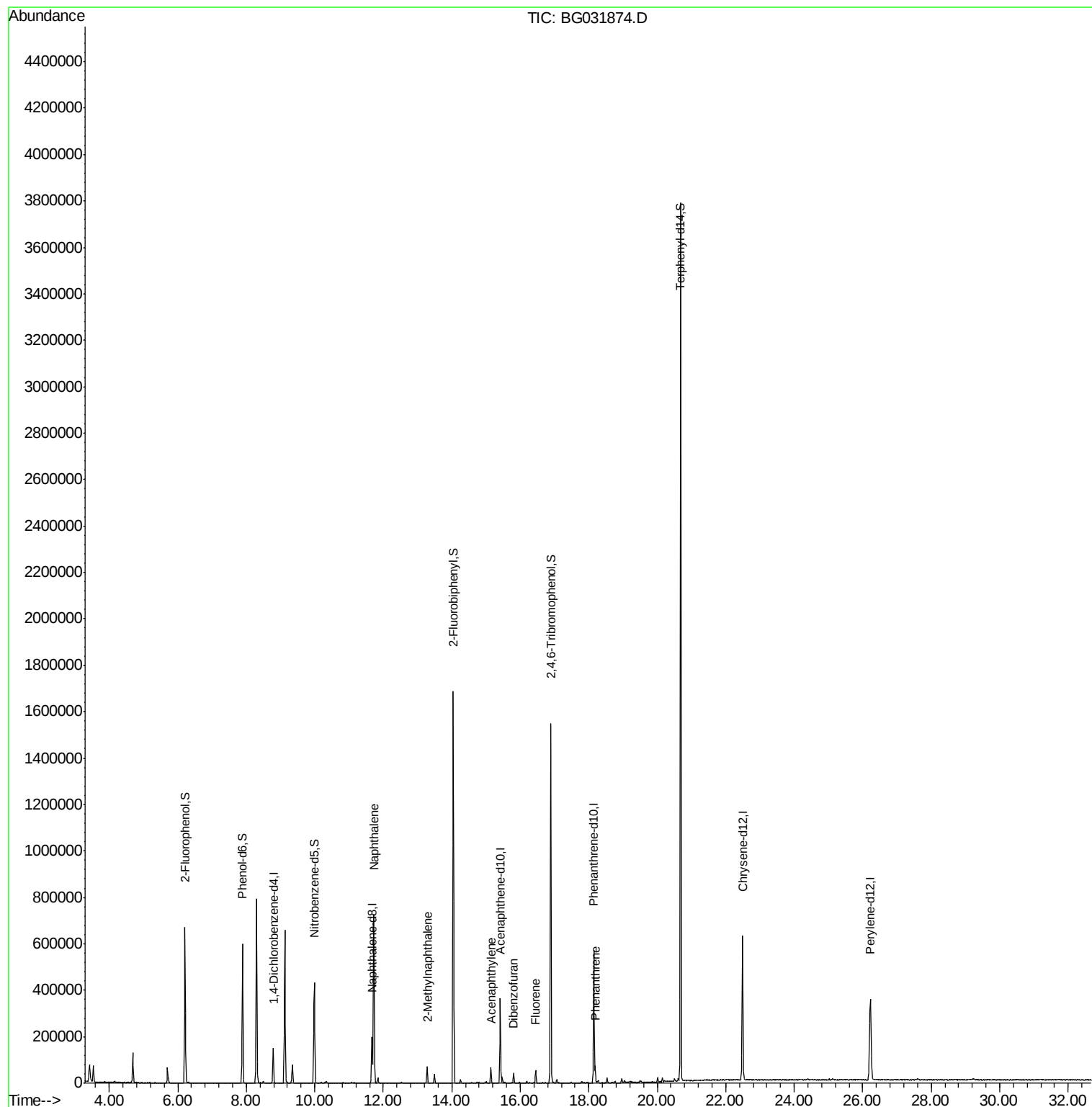
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.79	152	50471	20.00	ng	0.00
21) Naphthalene-d8	11.67	136	203650	20.00	ng	0.00
38) Acenaphthene-d10	15.42	164	137558	20.00	ng	-0.01
63) Phenanthrene-d10	18.15	188	386726	20.00	ng	-0.01
75) Chrysene-d12	22.49	240	469215	20.00	ng	-0.02
86) Perylene-d12	26.22	264	485678	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	6.21	112	381558	137.70	ng	0.00
7) Phenol-d6	7.89	99	428076	118.99	ng	0.00
23) Nitrobenzene-d5	9.99	82	289184	107.23	ng	0.00
41) 2,4,6-Tribromophenol	16.89	330	371718	177.10	ng	0.00
44) 2-Fluorobiphenyl	14.05	172	1006592	91.85	ng	0.00
78) Terphenyl-d14	20.68	244	2069225	100.75	ng	-0.01
Target Compounds						
31) Naphthalene	11.73	128	709010	68.985	ng	99
37) 2-Methylnaphthalene	13.28	142	36982	4.439	ng	# 92
48) Acenaphthylene	15.14	152	54839	3.825	ng	98
54) Dibenzofuran	15.80	168	32186	2.236	ng	94
57) Fluorene	16.45	166	29560	2.528	ng	96
70) Phenanthrene	18.19	178	54906	2.509	ng	98

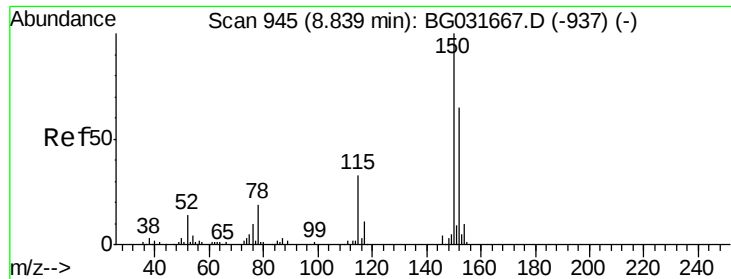
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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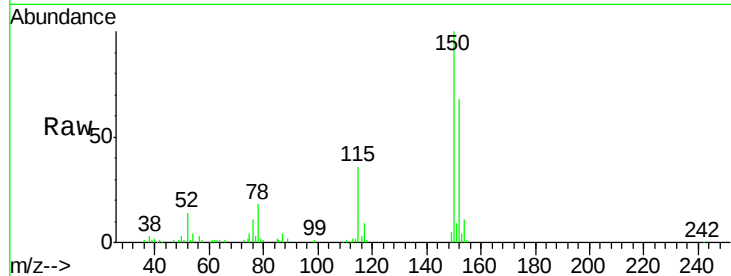


#1

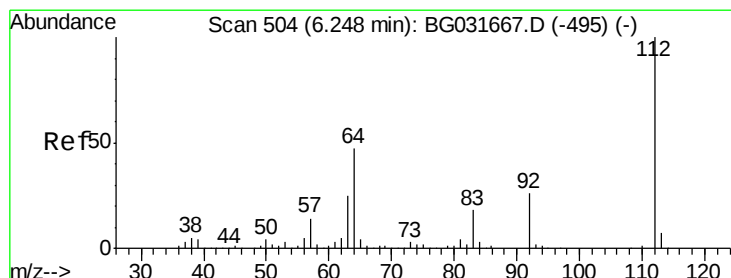
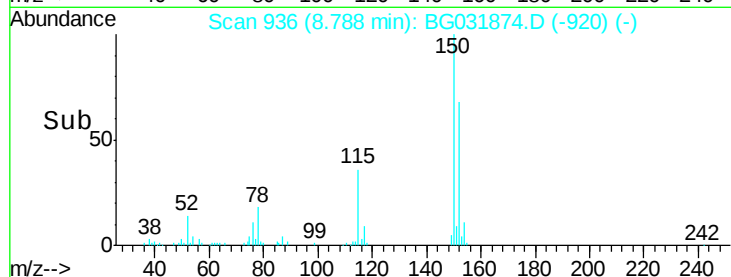
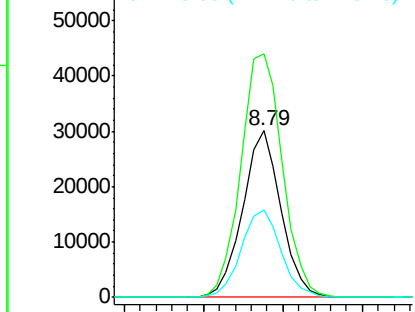
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.79 min Scan# 936
Delta R.T. -0.01 min
Lab File: BG031874.D
Acq: 2 Jan 2018 16:46

Instrument :
BNA_G
ClientSampleId :
CL-01-122917-A

Tgt Ion:152 Resp: 50471
Ion Ratio Lower Upper
152 100
150 146.4 126.6 189.8
115 52.2 53.0 79.4#



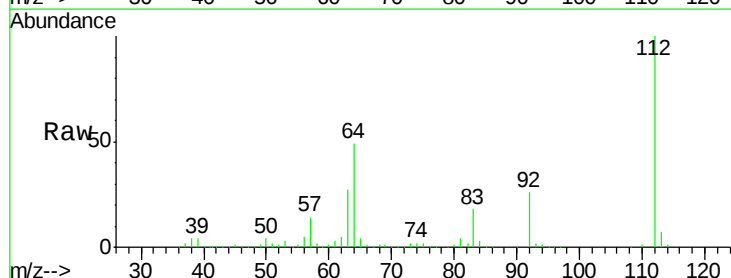
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



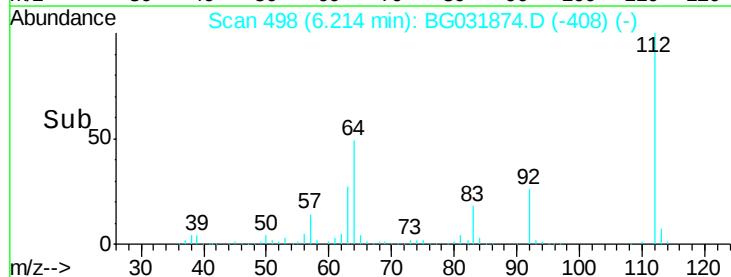
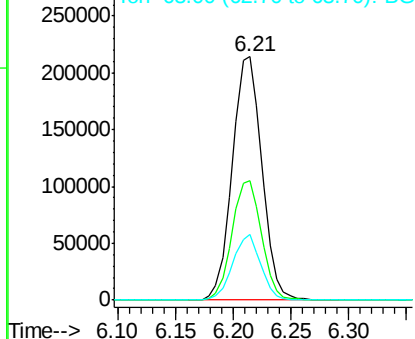
#5

2-Fluorophenol
Concen: 137.696 ng
RT: 6.21 min Scan# 498
Delta R.T. 0.00 min
Lab File: BG031874.D
Acq: 2 Jan 2018 16:46

Tgt Ion:112 Resp: 381558
Ion Ratio Lower Upper
112 100
64 49.1 56.3 84.5#
63 26.7 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: 118.986 ng

RT: 7.89 min Scan# 783

Delta R.T. -0.01 min

Lab File: BG031874.D

Acq: 2 Jan 2018 16:46

Instrument :

BNA_G

ClientSampleId :

CL-01-122917-A

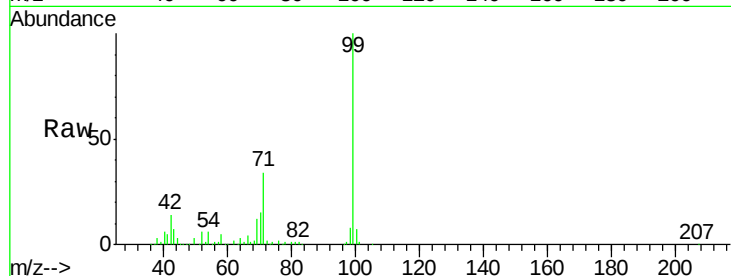
Tgt Ion: 99 Resp: 428076

Ion Ratio Lower Upper

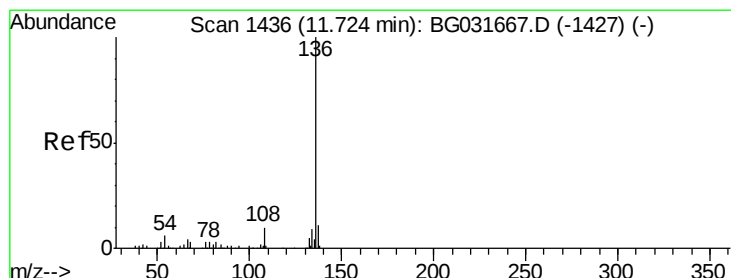
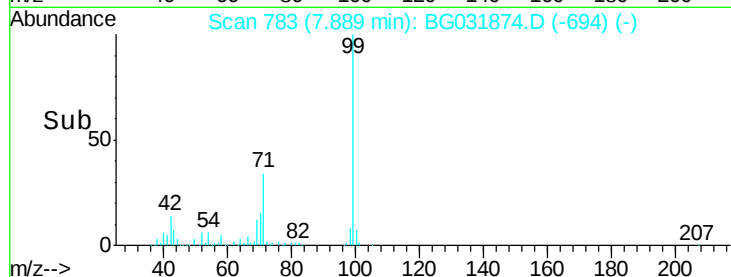
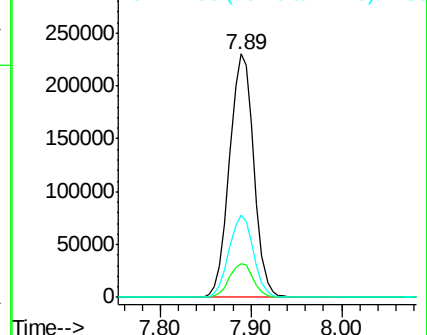
99 100

42 13.9 14.1 21.1#

71 33.9 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# 1427

Delta R.T. -0.01 min

Lab File: BG031874.D

Acq: 2 Jan 2018 16:46

Tgt Ion: 136 Resp: 203650

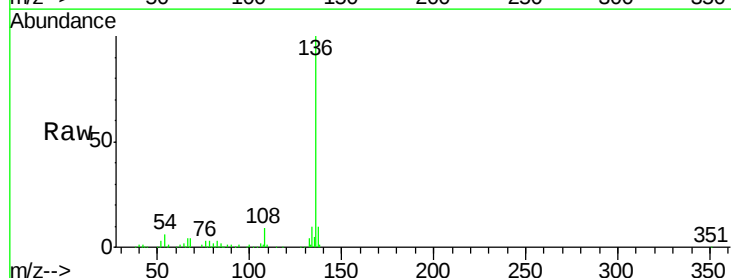
Ion Ratio Lower Upper

136 100

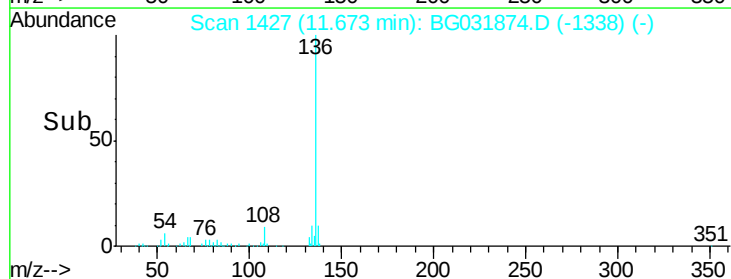
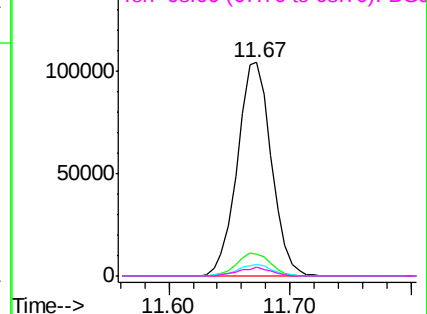
137 10.0 9.2 13.8

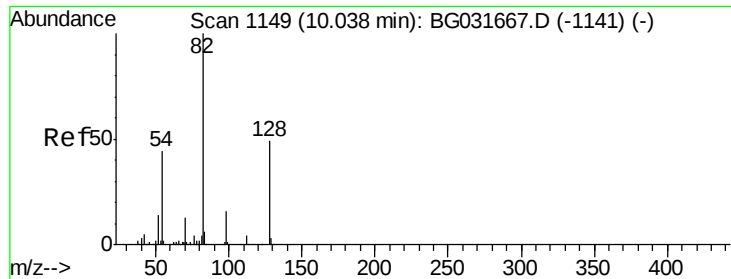
54 5.5 10.3 15.5#

68 4.3 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

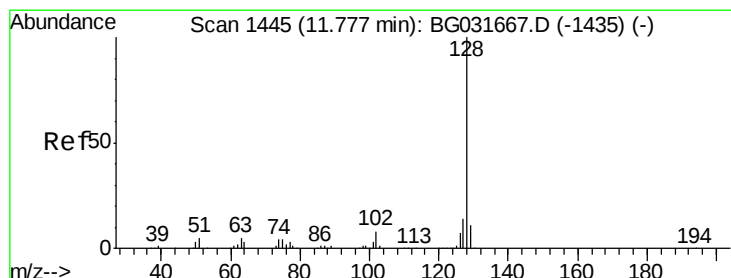
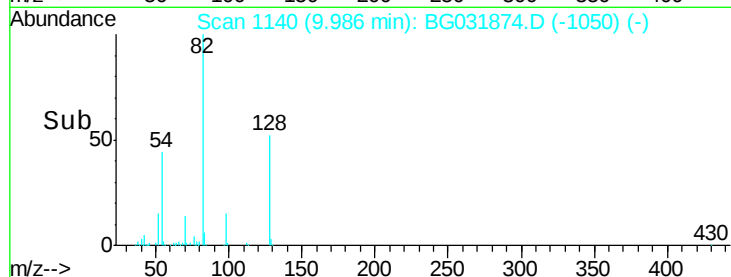
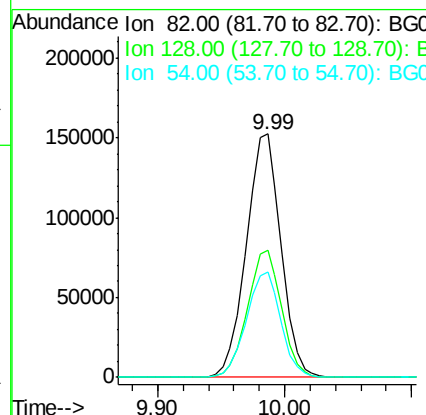
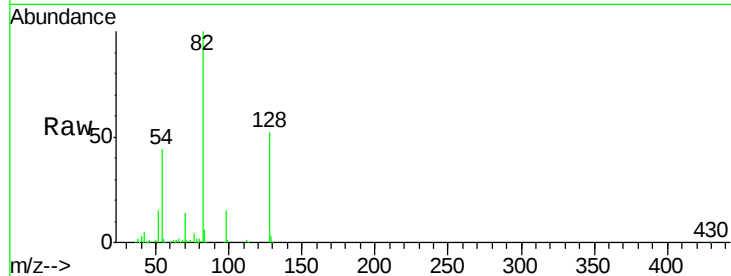




#23
Nitrobenzene-d5
Concen: 107.228 ng
RT: 9.99 min Scan# 1140
Delta R.T. 0.00 min
Lab File: BG031874.D
Acq: 2 Jan 2018 16:46

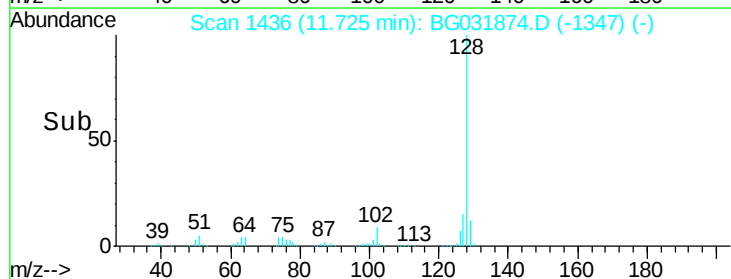
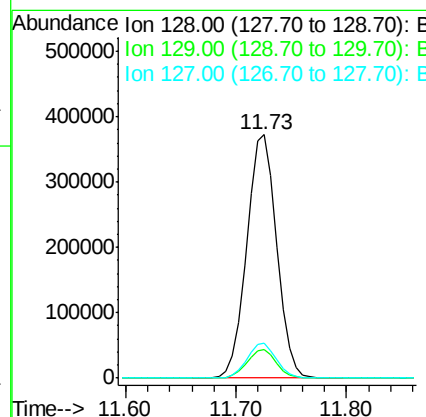
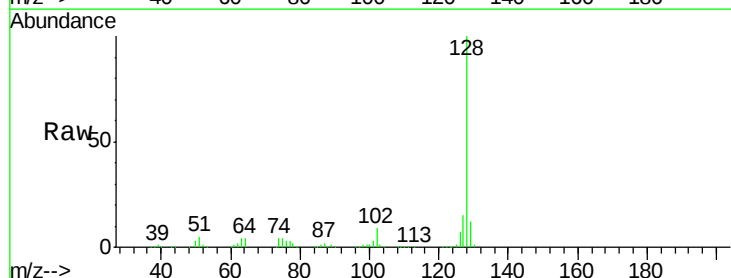
Instrument :
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ClientSampleId :
CL-01-122917-A

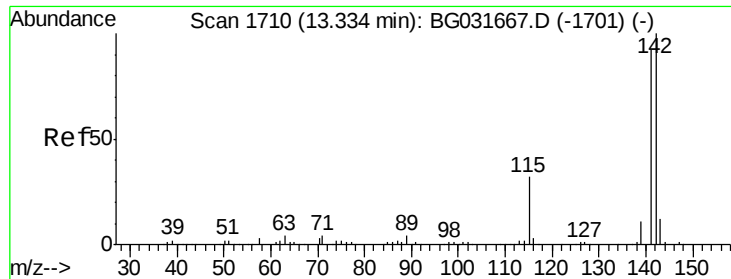
Tgt Ion: 82 Resp: 289184
Ion Ratio Lower Upper
82 100
128 52.2 29.7 44.5#
54 43.5 43.1 64.7



#31
Naphthalene
Concen: 68.985 ng
RT: 11.73 min Scan# 1436
Delta R.T. -0.01 min
Lab File: BG031874.D
Acq: 2 Jan 2018 16:46

Tgt Ion: 128 Resp: 709010
Ion Ratio Lower Upper
128 100
129 11.6 8.6 12.8
127 14.6 11.6 17.4

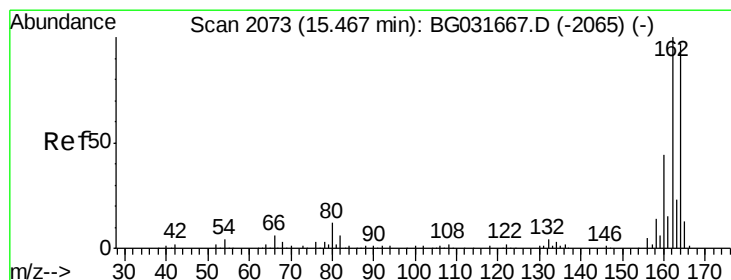
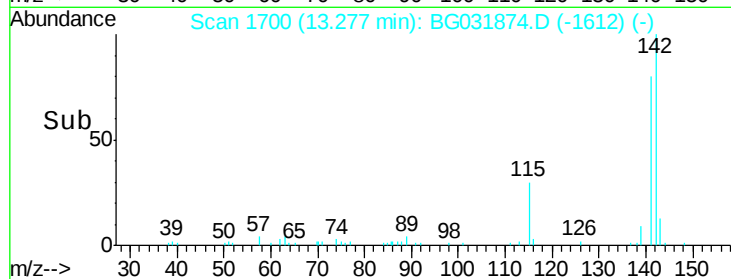
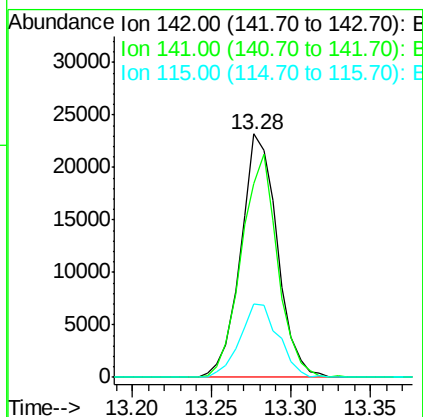
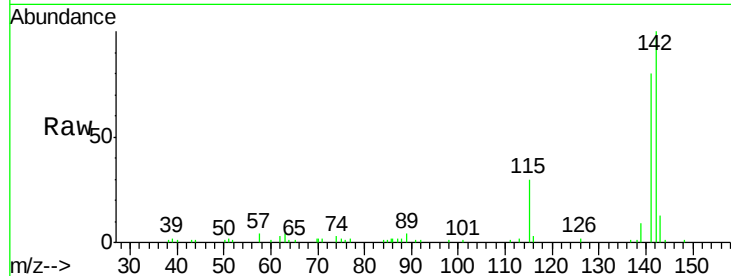




#37
 2-Methylnaphthalene
 Concen: 4.439 ng
 RT: 13.28 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG031874.D
 Acq: 2 Jan 2018 16:46

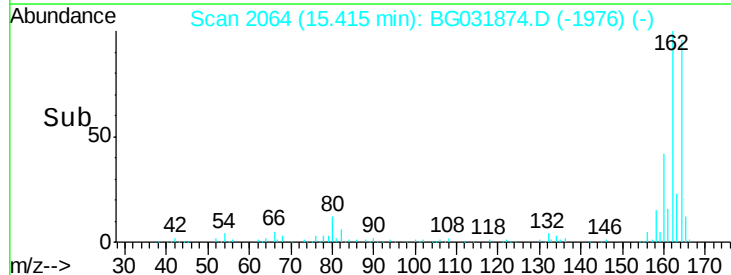
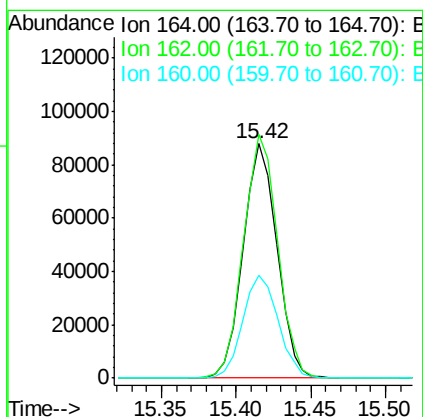
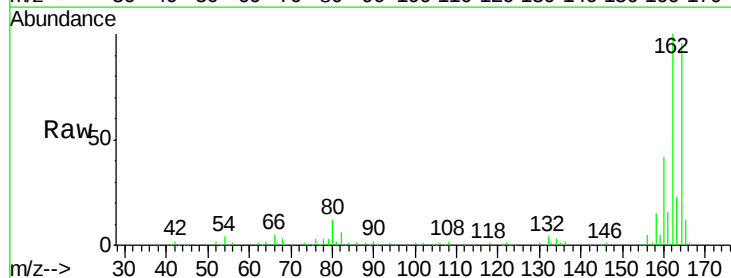
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-122917-A

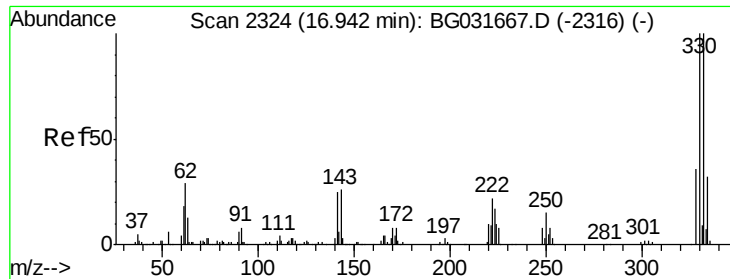
Tgt Ion:142 Resp: 36982
 Ion Ratio Lower Upper
 142 100
 141 79.5 67.1 100.7
 115 30.2 30.7 46.1#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.42 min Scan# 2064
 Delta R.T. -0.01 min
 Lab File: BG031874.D
 Acq: 2 Jan 2018 16:46

Tgt Ion:164 Resp: 137558
 Ion Ratio Lower Upper
 164 100
 162 104.0 78.8 118.2
 160 43.9 35.4 53.0

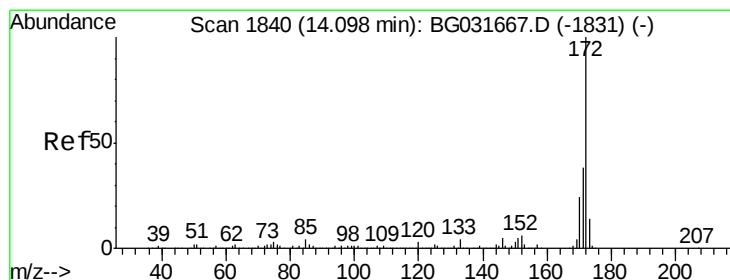
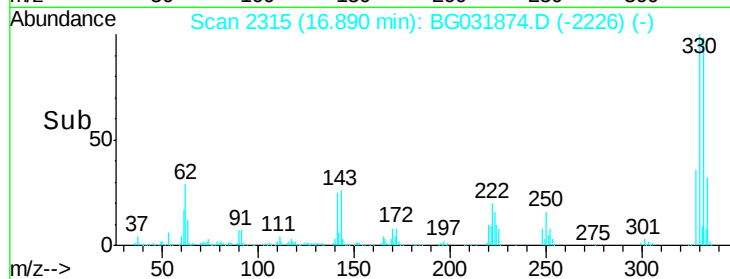
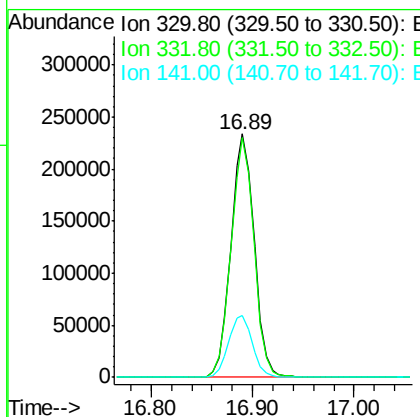
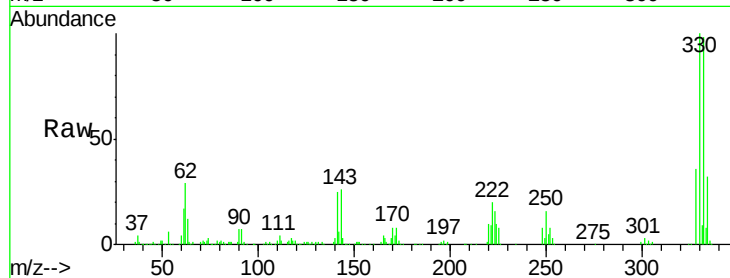




#41
 2,4,6-Tribromophenol
 Concen: 177.098 ng
 RT: 16.89 min Scan# 2315
 Delta R.T. -0.01 min
 Lab File: BG031874.D
 Acq: 2 Jan 2018 16:46

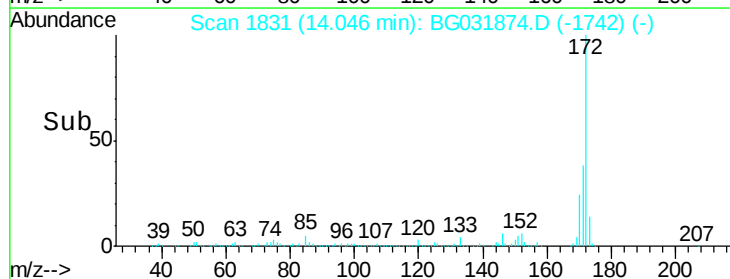
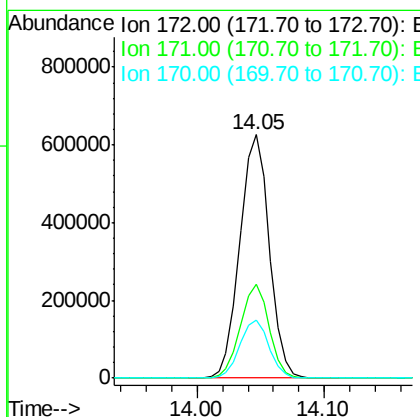
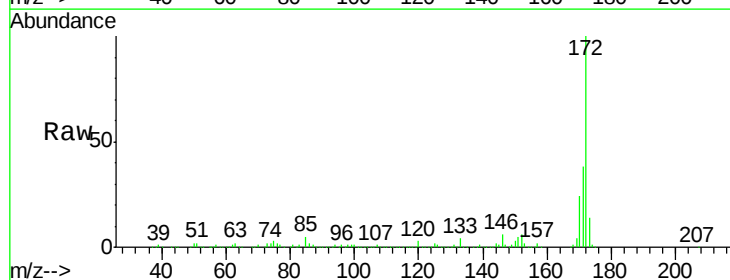
Instrument :
 BNA_G
 ClientSampleId :
 CL-01-122917-A

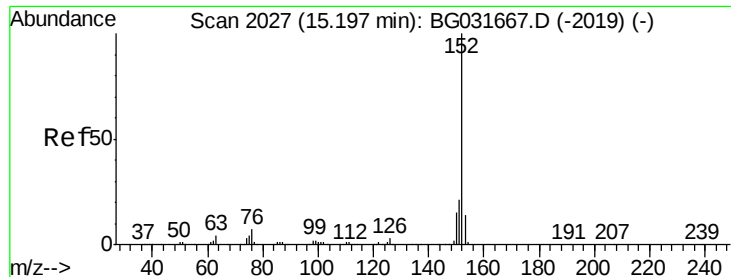
Tgt Ion:330 Resp: 371718
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.0 115.6
 141 26.2 25.2 37.8



#44
 2-Fluorobiphenyl
 Concen: 91.845 ng
 RT: 14.05 min Scan# 1831
 Delta R.T. -0.01 min
 Lab File: BG031874.D
 Acq: 2 Jan 2018 16:46

Tgt Ion:172 Resp: 1006592
 Ion Ratio Lower Upper
 172 100
 171 38.3 30.0 45.0
 170 23.8 19.5 29.3





#48

Acenaphthylene

Concen: 3.825 ng

RT: 15.14 min Scan# 2018

Delta R.T. -0.01 min

Lab File: BG031874.D

Acq: 2 Jan 2018 16:46

Instrument :

BNA_G

ClientSampleId :

CL-01-122917-A

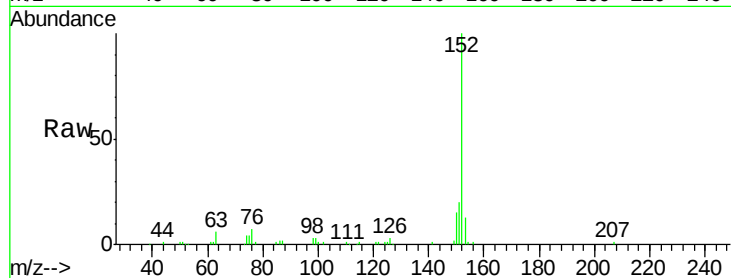
Tgt Ion:152 Resp: 54839

Ion Ratio Lower Upper

152 100

151 20.4 17.2 25.8

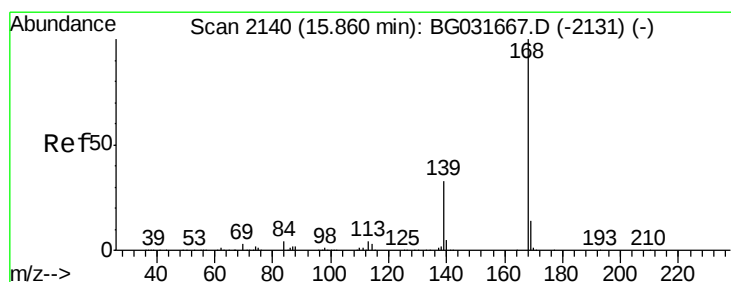
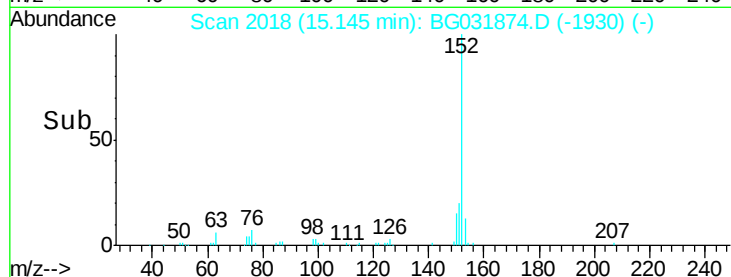
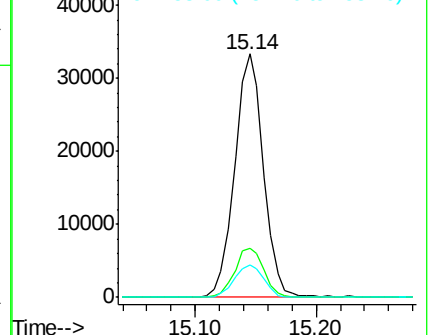
153 13.1 10.2 15.4



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#54

Dibenzofuran

Concen: 2.236 ng

RT: 15.80 min Scan# 2130

Delta R.T. -0.01 min

Lab File: BG031874.D

Acq: 2 Jan 2018 16:46

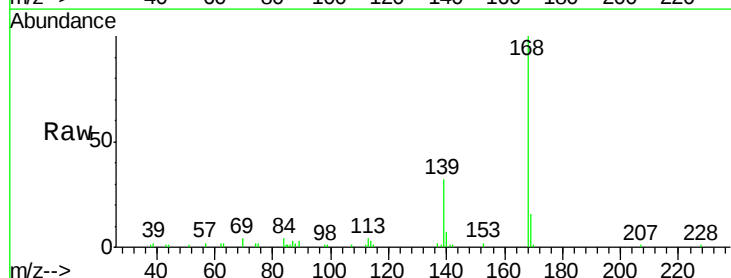
Tgt Ion:168 Resp: 32186

Ion Ratio Lower Upper

168 100

139 31.9 28.6 43.0

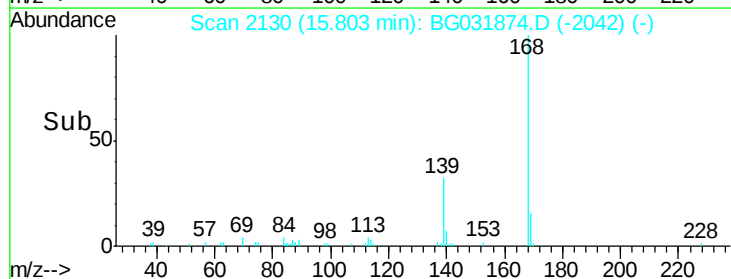
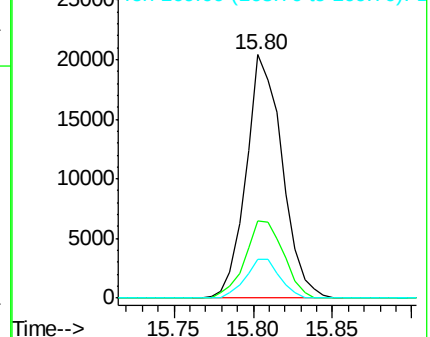
169 16.2 11.2 16.8

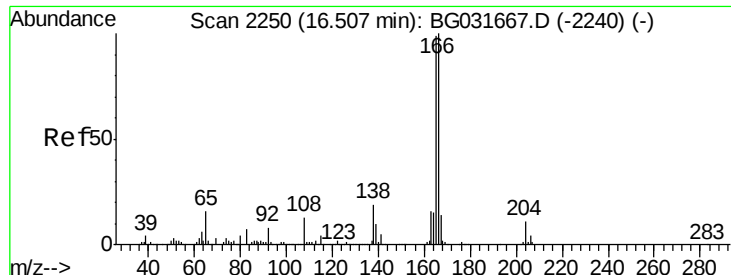


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E

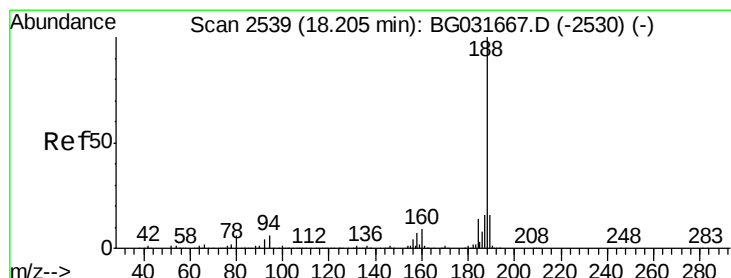
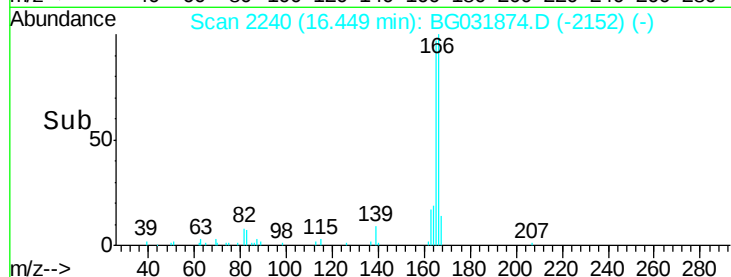
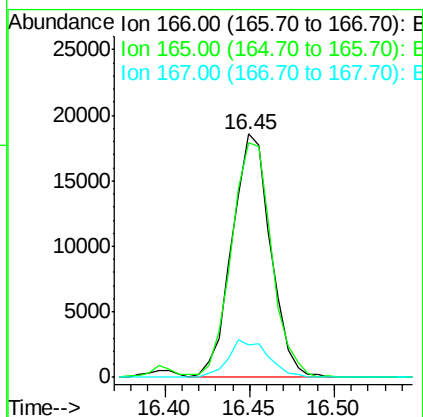
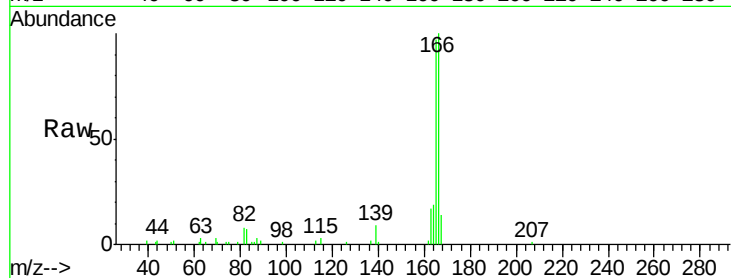




#57
Fluorene
 Concen: 2.528 ng
 RT: 16.45 min Scan# 2240
 Delta R.T. -0.01 min
 Lab File: BG031874.D
 Acq: 2 Jan 2018 16:46

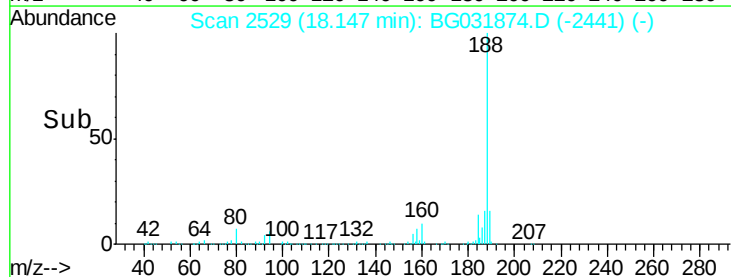
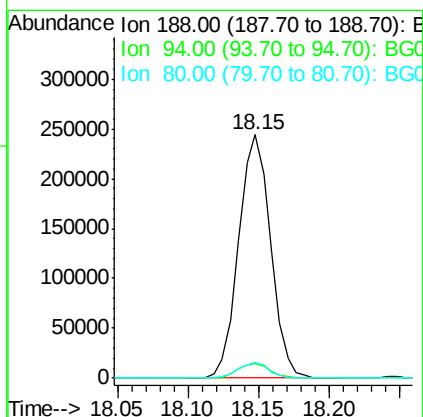
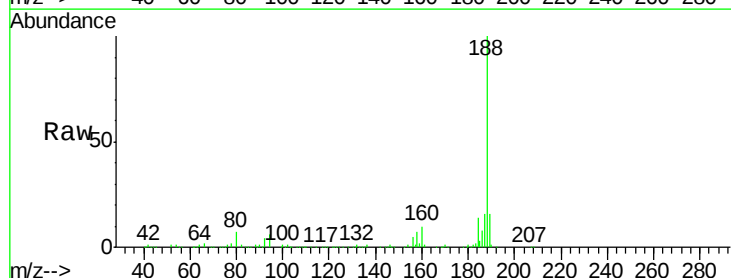
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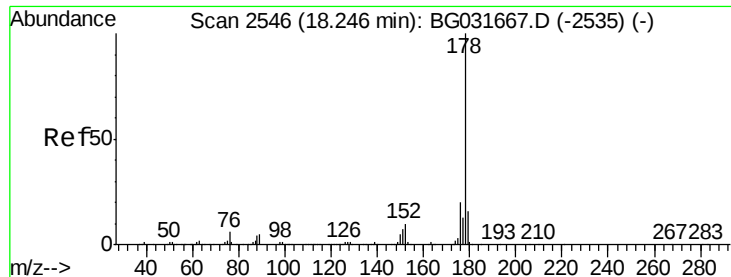
Tgt Ion	Ratio	Lower	Upper
166	100		
165	96.6	80.6	121.0
167	13.5	10.4	15.6



#63
Phenanthrene-d10
 Concen: 20.000 ng
 RT: 18.15 min Scan# 2529
 Delta R.T. -0.01 min
 Lab File: BG031874.D
 Acq: 2 Jan 2018 16:46

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	6.9	10.3#
80	6.5	7.7	11.5#





#70

Phenanthrene

Concen: 2.509 ng

RT: 18.19 min Scan# 2536

Delta R.T. -0.01 min

Lab File: BG031874.D

Acq: 2 Jan 2018 16:46

Instrument :

BNA_G

ClientSampleId :

CL-01-122917-A

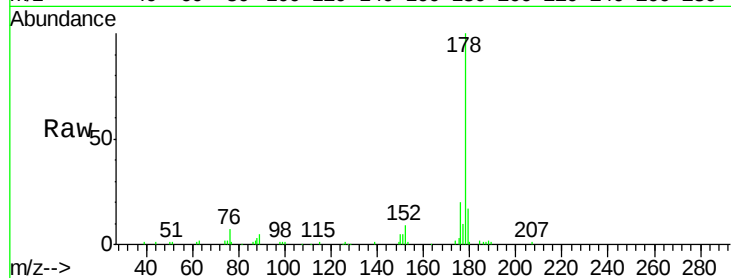
Tgt Ion:178 Resp: 54906

Ion Ratio Lower Upper

178 100

176 19.9 15.7 23.5

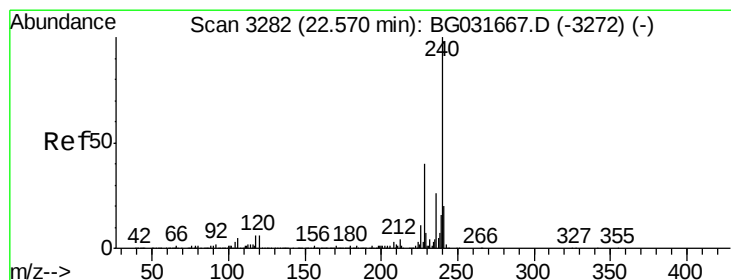
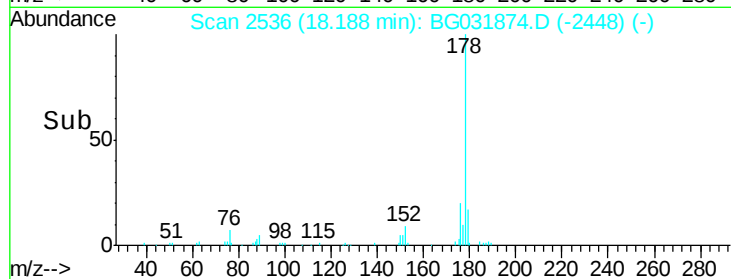
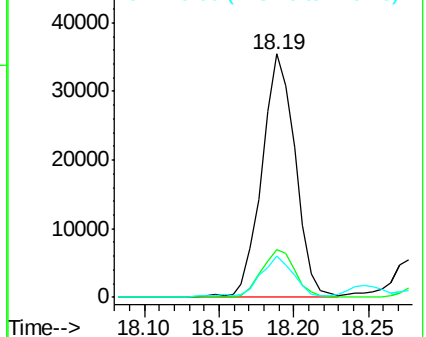
179 17.2 12.5 18.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.49 min Scan# 3268

Delta R.T. -0.02 min

Lab File: BG031874.D

Acq: 2 Jan 2018 16:46

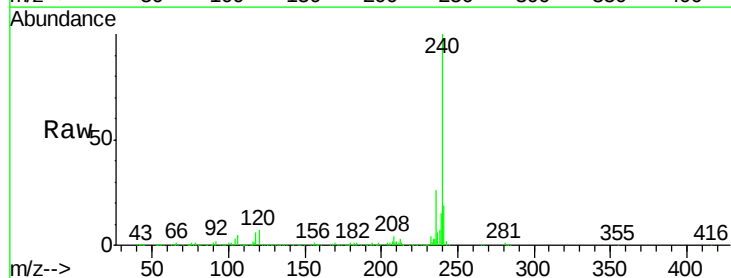
Tgt Ion:240 Resp: 469215

Ion Ratio Lower Upper

240 100

120 6.8 6.8 10.2

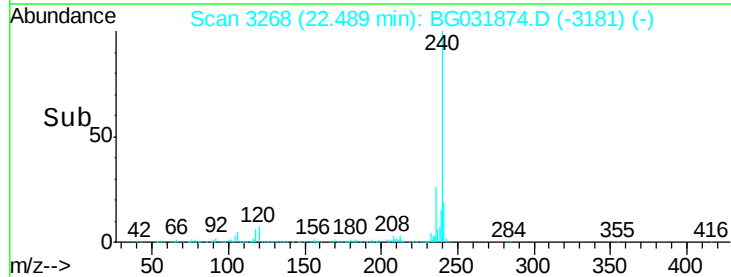
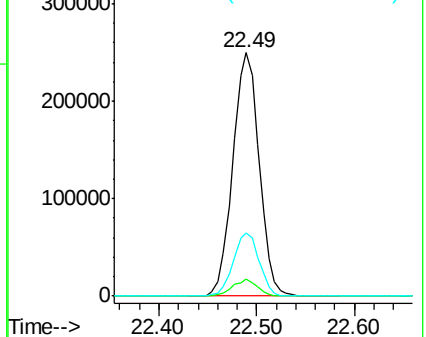
236 26.0 20.9 31.3

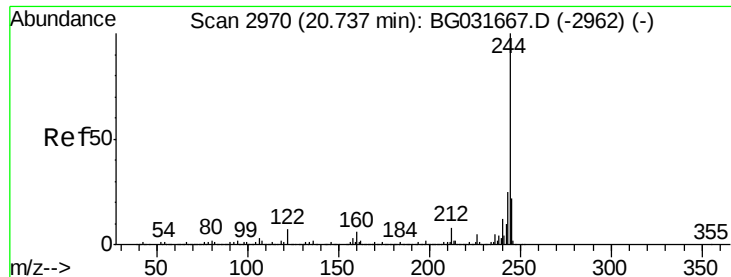


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

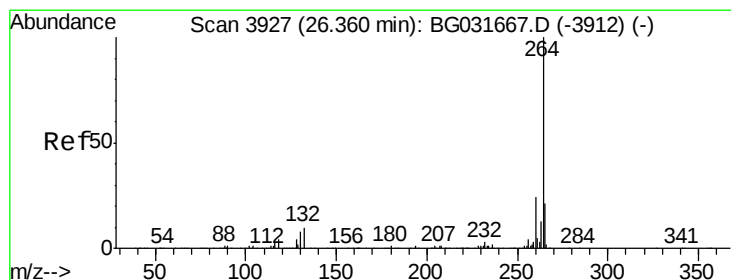
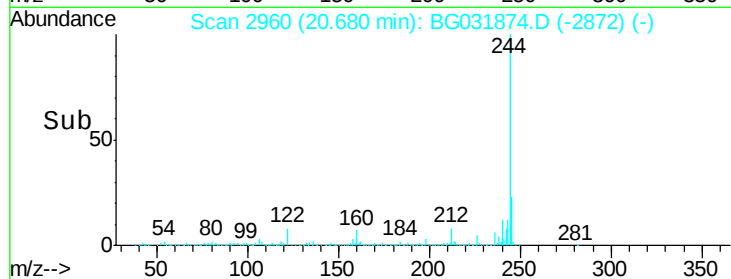
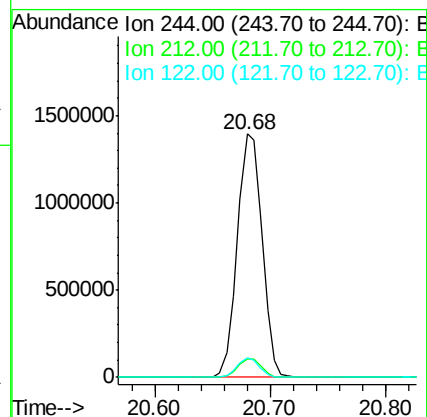
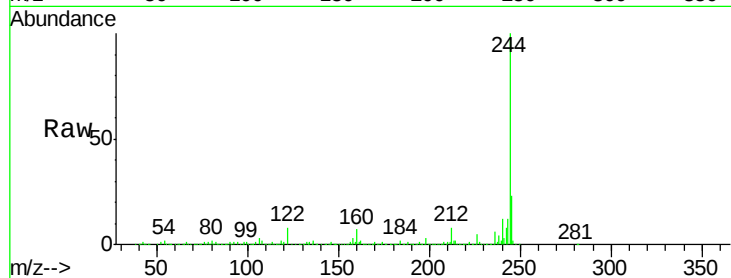




#78
 Terphenyl-d14
 Concen: 100.752 ng
 RT: 20.68 min Scan# 2960
 Delta R.T. -0.01 min
 Lab File: BG031874.D
 Acq: 2 Jan 2018 16:46

Instrument :
 BNA_G
 ClientSampleId :
 CL-01-122917-A

Tgt Ion:244 Resp: 2069225
 Ion Ratio Lower Upper
 244 100
 212 7.7 5.8 8.8
 122 7.9 7.0 10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.22 min Scan# 3903
 Delta R.T. -0.03 min
 Lab File: BG031874.D
 Acq: 2 Jan 2018 16:46

Tgt Ion:264 Resp: 485678
 Ion Ratio Lower Upper
 264 100
 260 24.0 17.4 26.0
 265 21.4 17.7 26.5

