

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG061517\
 Data File : BG027458.D
 Acq On : 16 Jun 2017 1:40
 Operator : SJ/MA
 Sample : I3681-06
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 RO-272031-72-11978-COMP

Quant Time: Jun 16 02:18:19 2017
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG061417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 14 19:09:08 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.52	152	33254	20.00	ng	0.00
21) Naphthalene-d8	11.34	136	152176	20.00	ng	0.00
38) Acenaphthene-d10	15.10	164	92909	20.00	ng	0.00
63) Phenanthrene-d10	17.85	188	304222	20.00	ng	0.00
75) Chrysene-d12	22.23	240	364603	20.00	ng	0.00
86) Perylene-d12	25.88	264	124028	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	6.10	112	352861	149.96	ng	0.00
7) Phenol-d6	7.65	99	454904	125.80	ng	0.00
23) Nitrobenzene-d5	9.68	82	312309	104.63	ng	-0.01
41) 2,4,6-Tribromophenol	16.59	330	288941	207.21	ng	0.00
44) 2-Fluorobiphenyl	13.73	172	690974	107.44	ng	0.00
78) Terphenyl-d14	20.43	244	1673418	117.63	ng	0.00

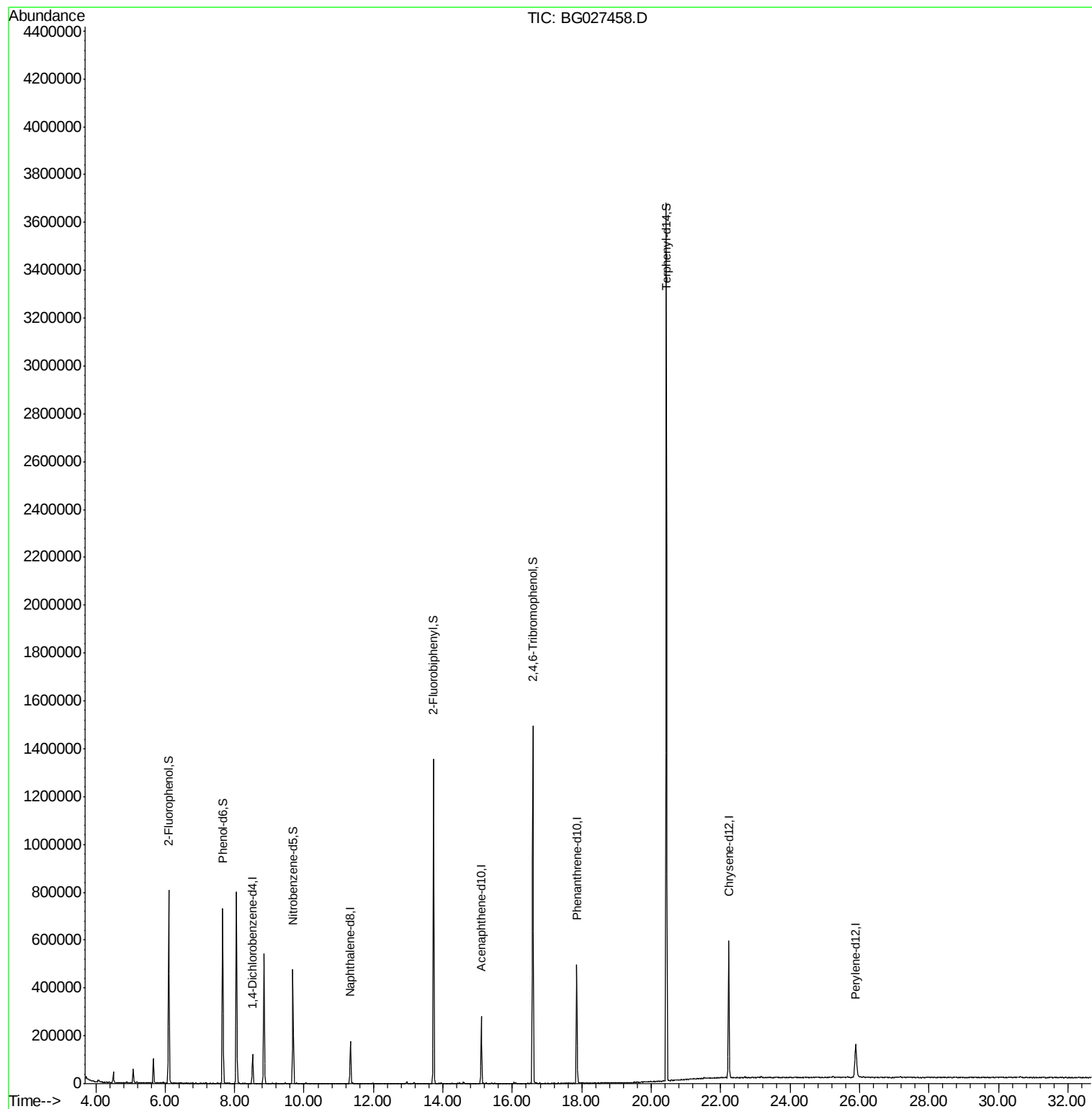
Target Compounds	Qvalue
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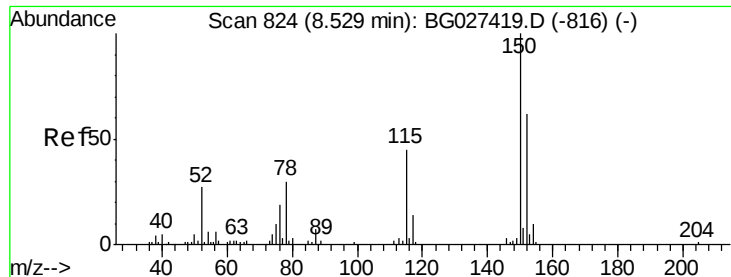
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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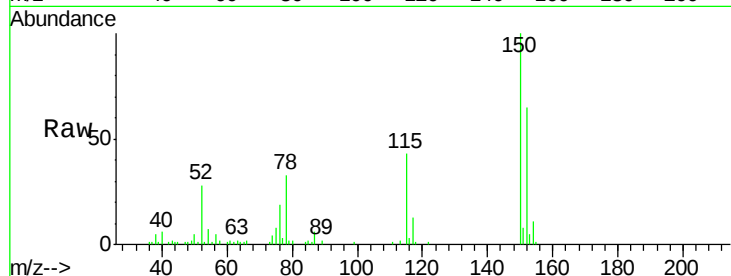


#1

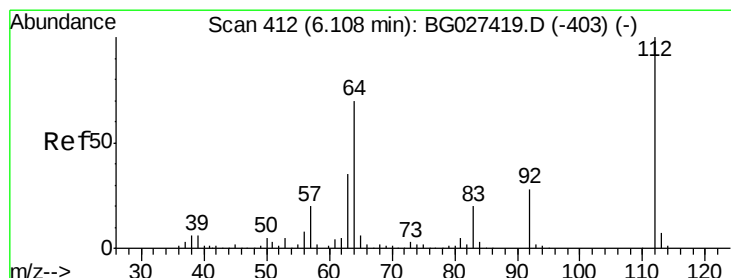
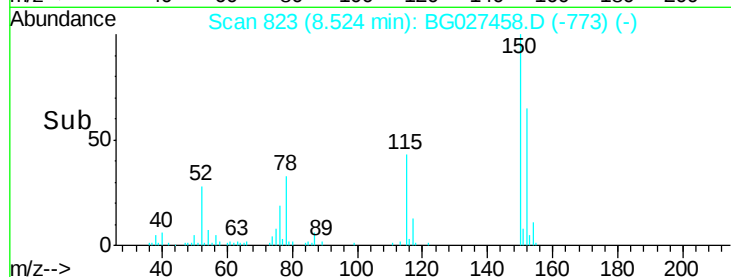
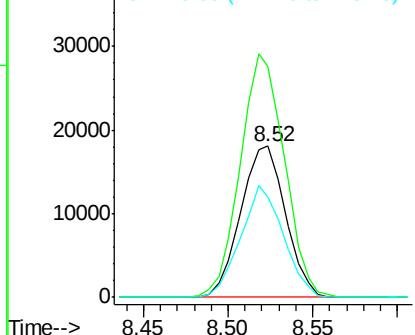
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.52 min Scan# 823
Delta R.T. -0.00 min
Lab File: BG027458.D
Acq: 16 Jun 2017 1:40

Instrument :
BNA_G
ClientSampleId :
RO-272031-72-11978-COMP

Tgt Ion	Ratio	Lower	Upper
152	100		
150	152.8	114.0	171.0
115	66.0	48.1	72.1



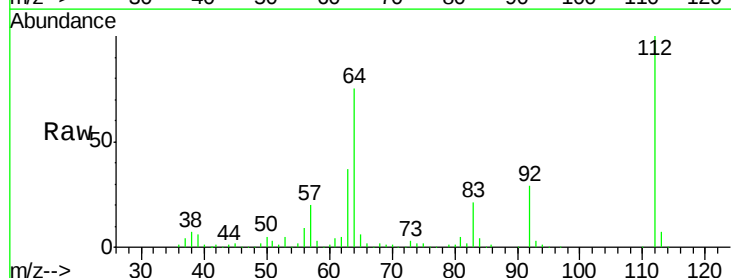
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



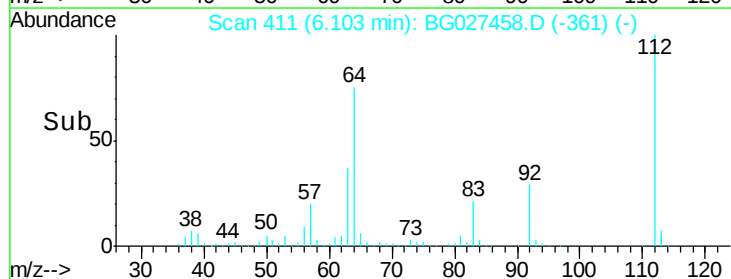
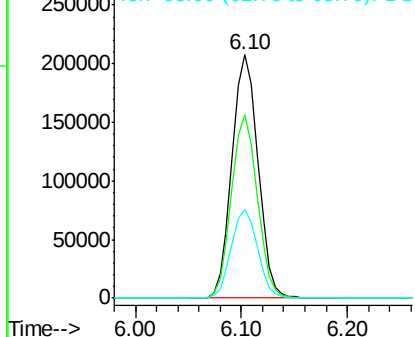
#5

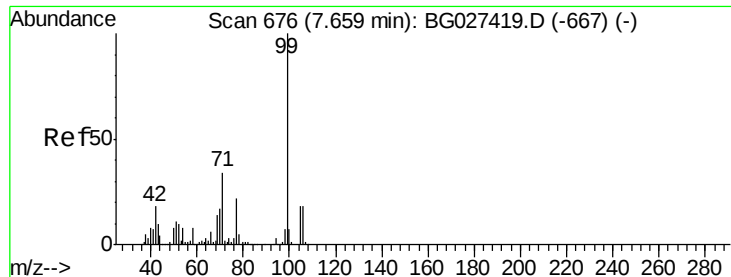
2-Fluorophenol
Concen: 149.961 ng
RT: 6.10 min Scan# 411
Delta R.T. -0.00 min
Lab File: BG027458.D
Acq: 16 Jun 2017 1:40

Tgt Ion	Ratio	Lower	Upper
112	100		
64	75.3	61.8	92.6
63	36.5	37.2	55.8#



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: 125.798 ng

RT: 7.65 min Scan# 675

Delta R.T. -0.00 min

Lab File: BG027458.D

Acq: 16 Jun 2017 1:40

Instrument :

BNA_G

ClientSampleId :

RO-272031-72-11978-COMP

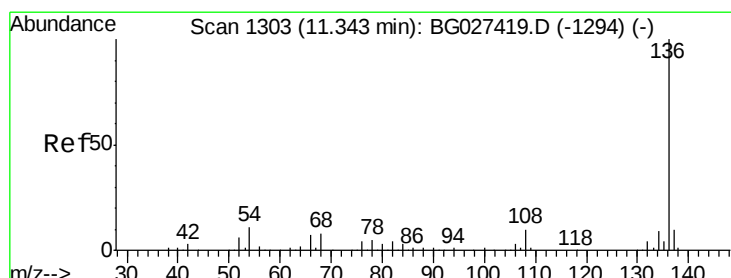
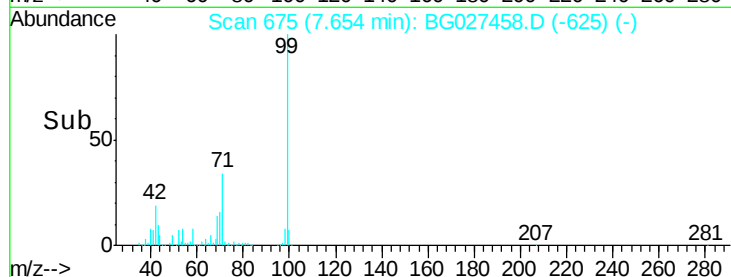
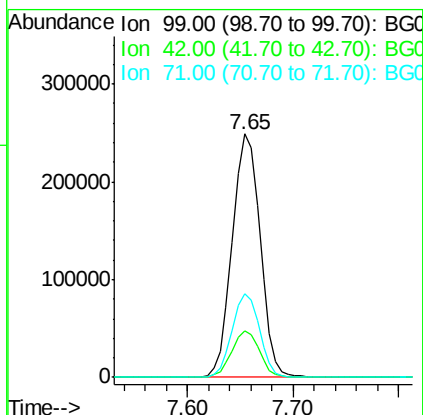
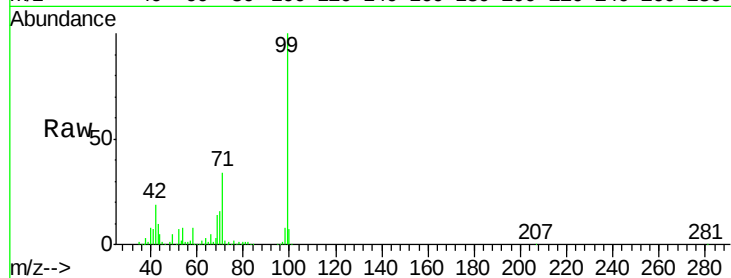
Tgt Ion: 99 Resp: 454904

Ion Ratio Lower Upper

99 100

42 19.2 20.5 30.7#

71 34.4 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.34 min Scan# 1302

Delta R.T. -0.00 min

Lab File: BG027458.D

Acq: 16 Jun 2017 1:40

Tgt Ion: 136 Resp: 152176

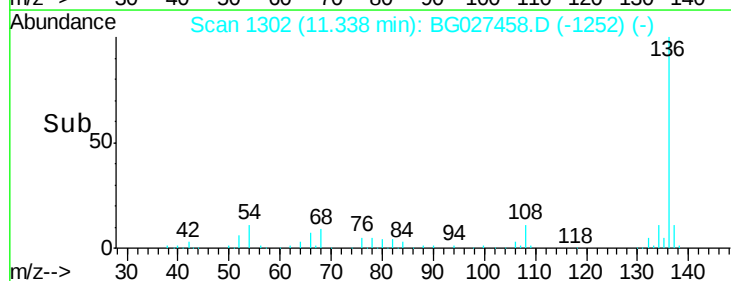
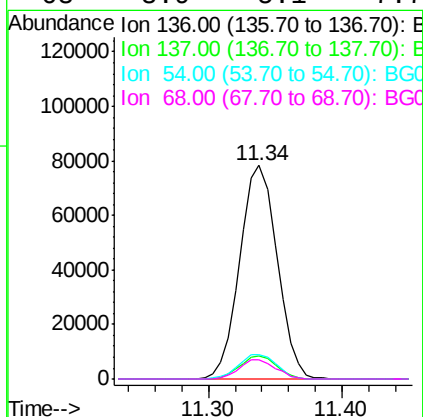
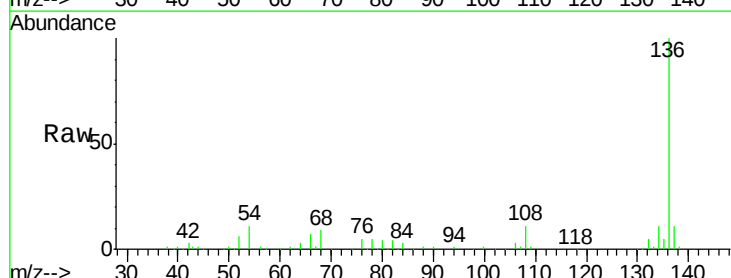
Ion Ratio Lower Upper

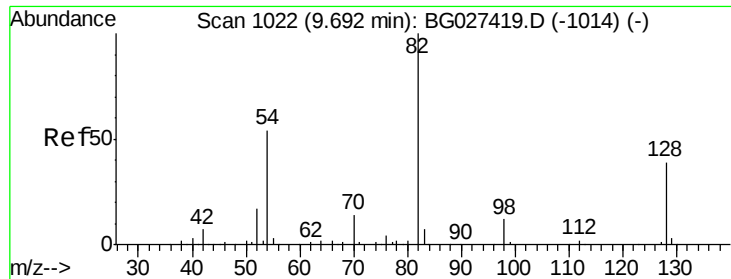
136 100

137 10.8 8.9 13.3

54 11.4 9.3 13.9

68 8.9 5.1 7.7#

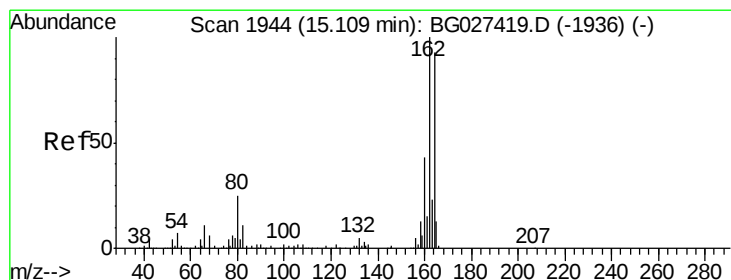
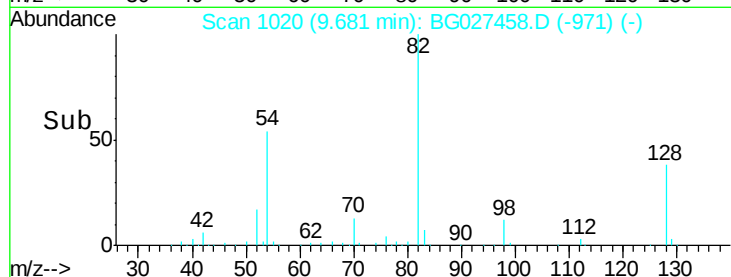
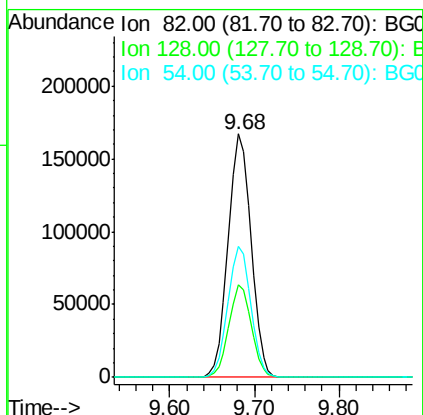
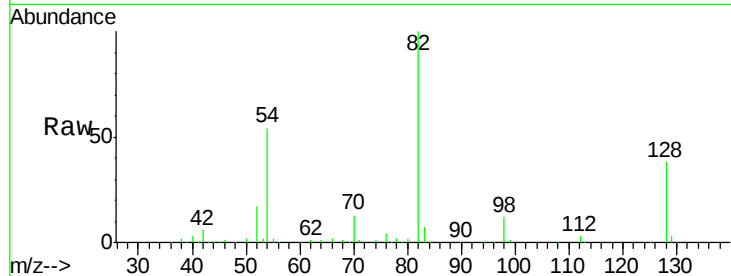




#23
 Nitrobenzene-d5
 Concen: 104.633 ng
 RT: 9.68 min Scan# 1020
 Delta R.T. -0.01 min
 Lab File: BG027458.D
 Acq: 16 Jun 2017 1:40

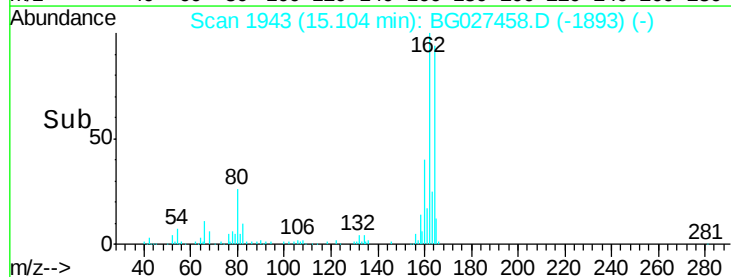
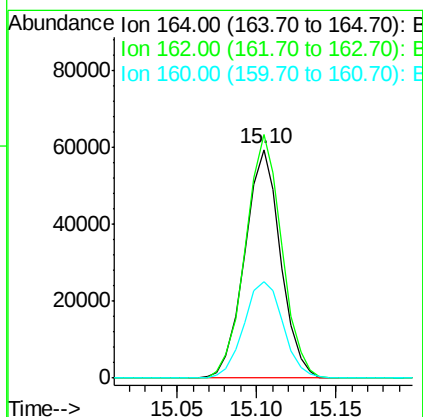
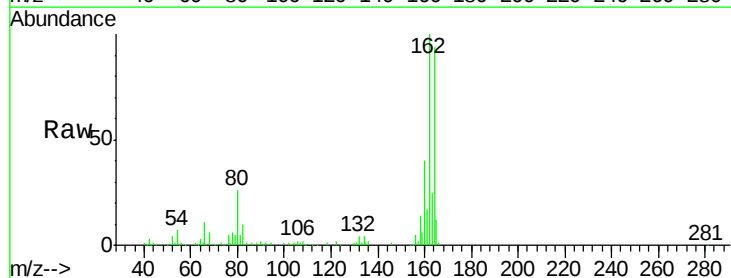
Instrument :
 BNA_G
 ClientSampleId :
 RO-272031-72-11978-COMP

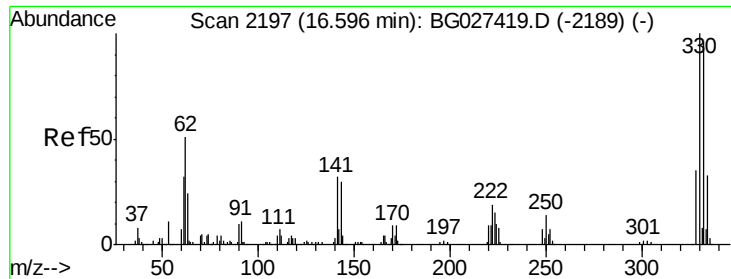
Tgt Ion	Ratio	Lower	Upper
82	100		
128	38.1	26.4	39.6
54	53.6	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.10 min Scan# 1943
 Delta R.T. -0.00 min
 Lab File: BG027458.D
 Acq: 16 Jun 2017 1:40

Tgt Ion	Ratio	Lower	Upper
164	100		
162	106.5	85.1	127.7
160	42.1	34.7	52.1

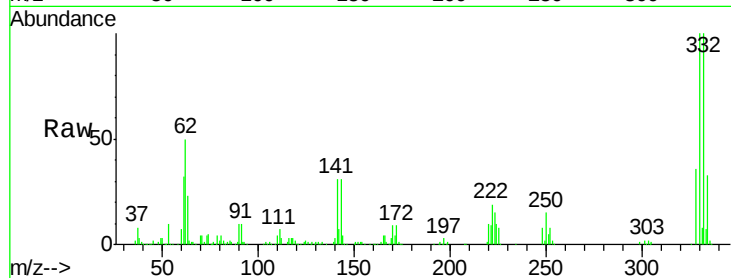




#41
 2,4,6-Tribromophenol
 Concen: 207.213 ng
 RT: 16.59 min Scan# 2196
 Delta R.T. -0.00 min
 Lab File: BG027458.D
 Acq: 16 Jun 2017 1:40

Instrument :
 BNA_G
 ClientSampleId :
 RO-272031-72-11978-COMP

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.3	115.9
141	33.9	32.1	48.1

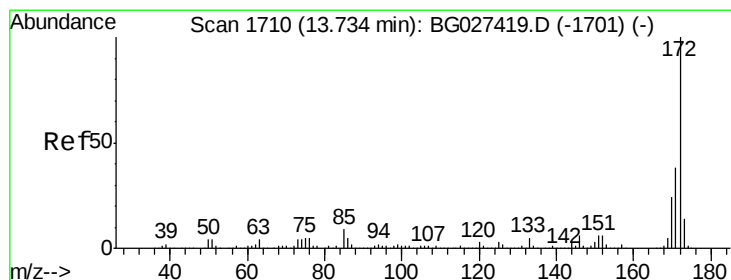
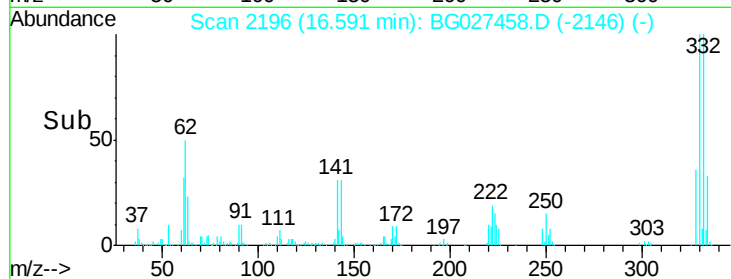
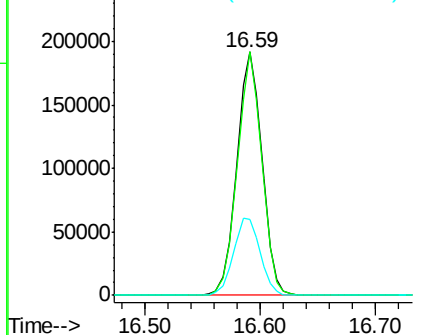


Abundance

Ion 329.80 (329.50 to 330.50): E

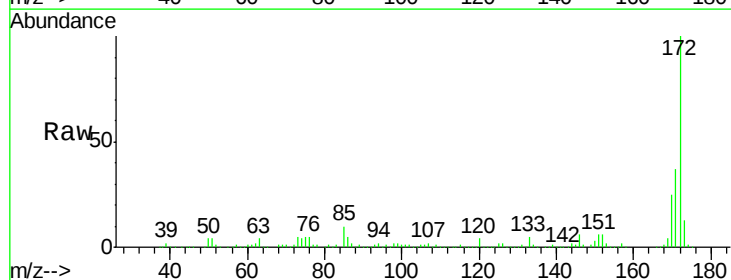
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 107.438 ng
 RT: 13.73 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG027458.D
 Acq: 16 Jun 2017 1:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.5	32.2	48.2
170	24.8	21.8	32.6

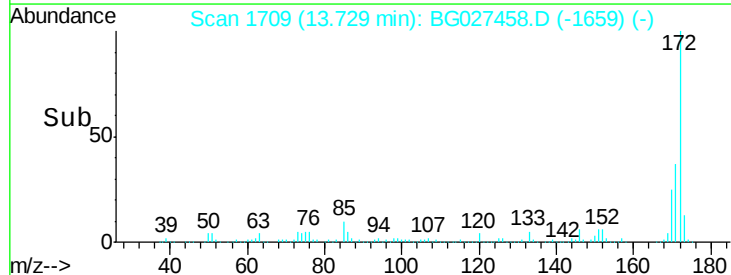
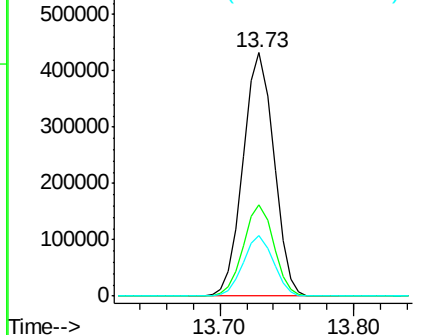


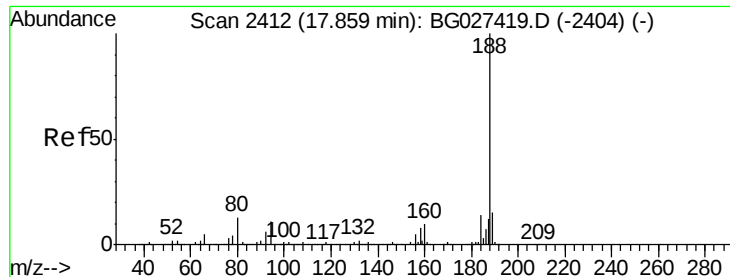
Abundance

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: 17.85 min Scan# 2411

Delta R.T. -0.00 min

Lab File: BG027458.D

Acq: 16 Jun 2017 1:40

Instrument :

BNA_G

ClientSampleId :

RO-272031-72-11978-COMP

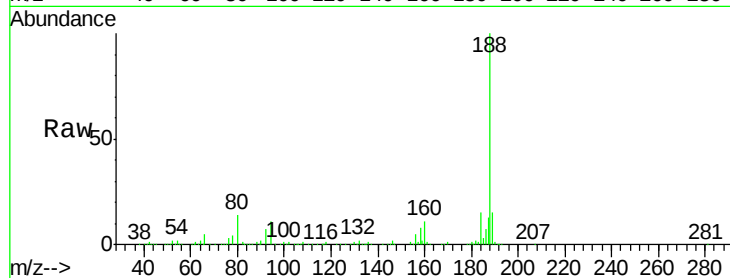
Tgt Ion:188 Resp: 304222

Ion Ratio Lower Upper

188 100

94 10.5 5.8 8.8#

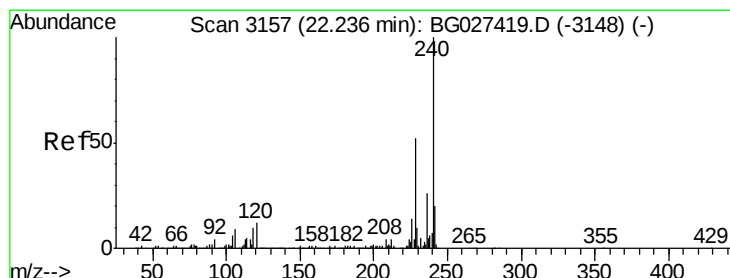
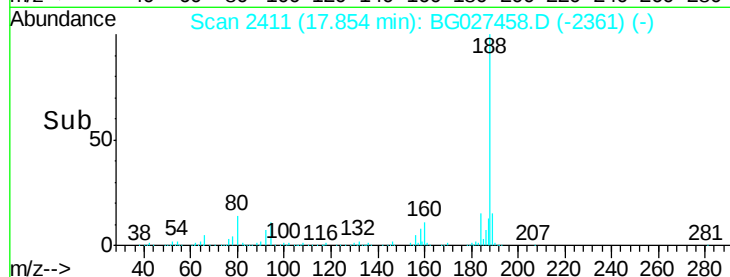
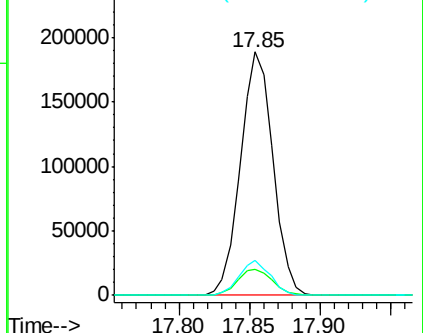
80 14.3 7.5 11.3#



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: 22.23 min Scan# 3156

Delta R.T. -0.00 min

Lab File: BG027458.D

Acq: 16 Jun 2017 1:40

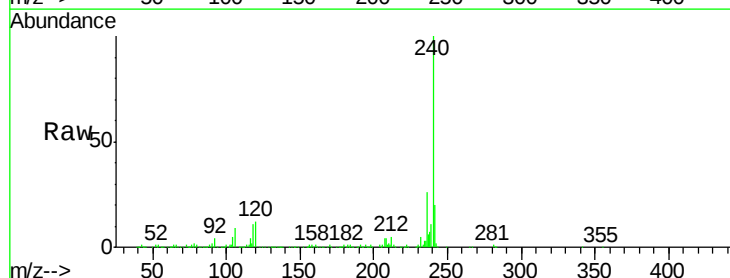
Tgt Ion:240 Resp: 364603

Ion Ratio Lower Upper

240 100

120 11.6 5.7 8.5#

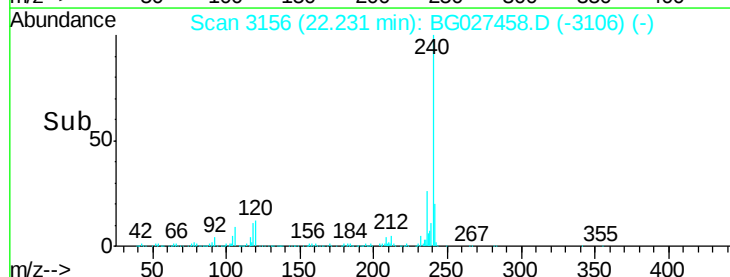
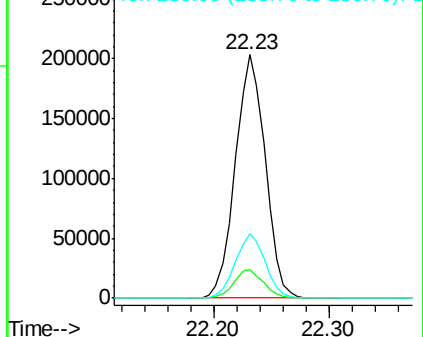
236 26.2 22.2 33.4

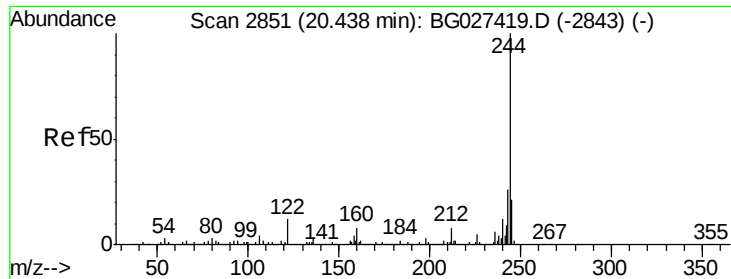


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 117.635 ng

RT: 20.43 min Scan# 2850

Delta R.T. -0.00 min

Lab File: BG027458.D

Acq: 16 Jun 2017 1:40

Instrument :

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ClientSampleId :

RO-272031-72-11978-COMP

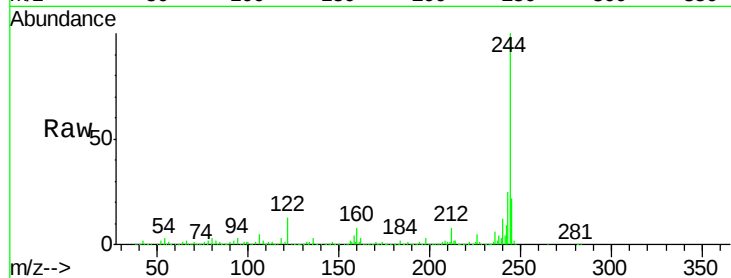
Tgt Ion:244 Resp: 1673418

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

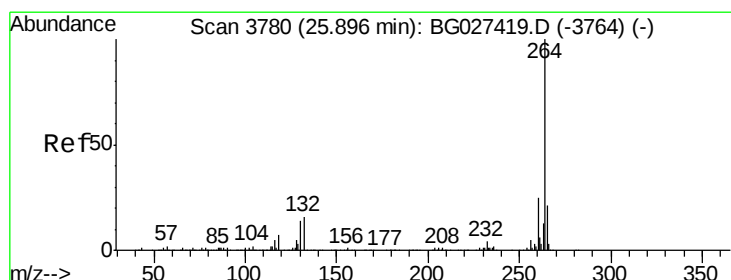
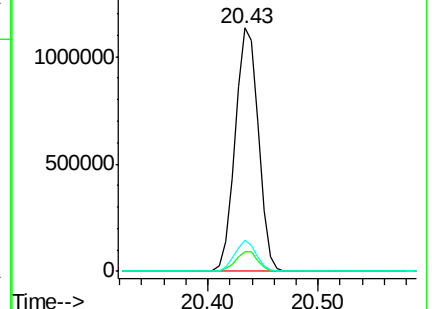
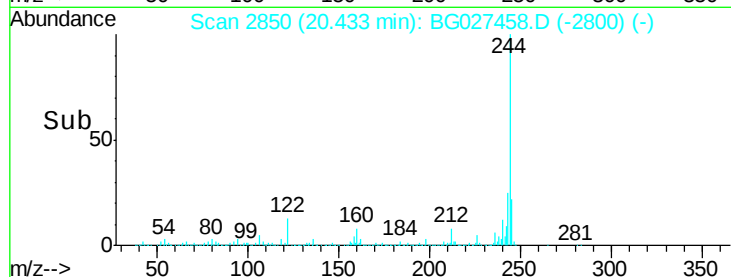
122 12.7 8.6 12.8



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: 25.88 min Scan# 3777

Delta R.T. -0.02 min

Lab File: BG027458.D

Acq: 16 Jun 2017 1:40

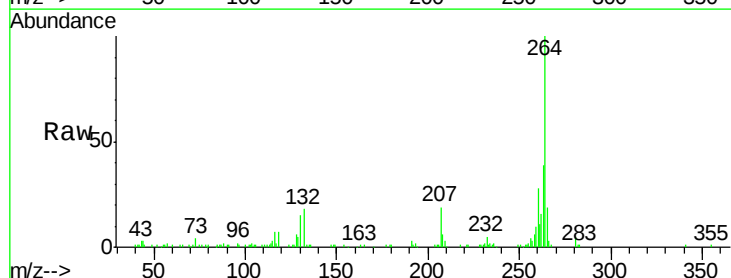
Tgt Ion:264 Resp: 124028

Ion Ratio Lower Upper

264 100

260 27.7 21.8 32.8

265 19.5 18.2 27.4



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

