

Data Path : Z:\HPCHEM1\BNA G\Data\BG060617\
 Data File : BG027279.D
 Acq On : 7 Jun 2017 12:07
 Operator : SJ/MA
 Sample : I3481-03
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-04-060517

Quant Time: Jun 07 12:58:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 05 16:00:35 2017
 Response via : Initial Calibration

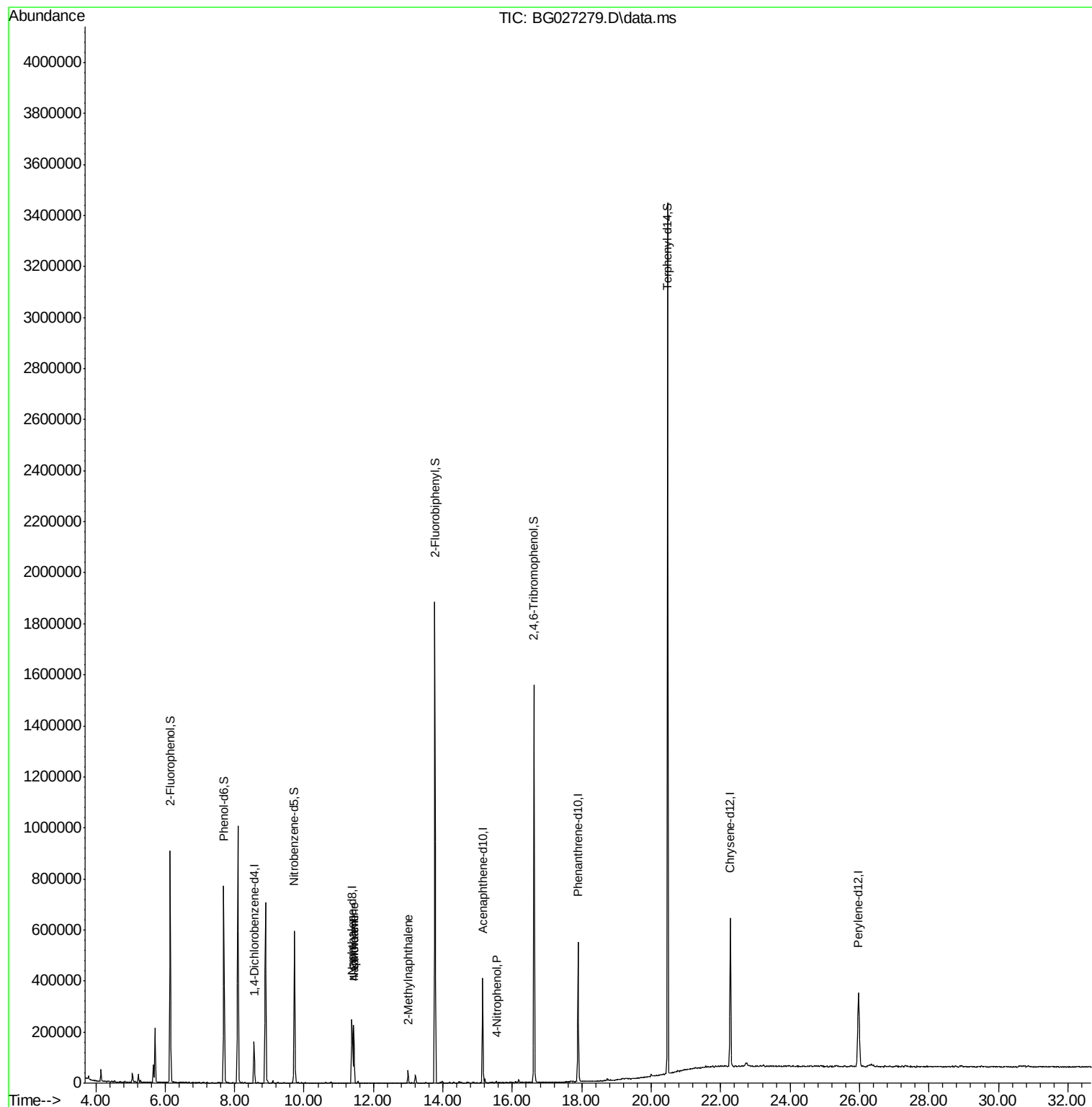
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.559	152	47943	20.00	ng	-0.02
21) Naphthalene-d8	11.379	136	229788	20.00	ng	-0.02
38) Acenaphthene-d10	15.145	164	147942	20.00	ng	-0.01
63) Phenanthrene-d10	17.895	188	354788	20.00	ng	-0.02
75) Chrysene-d12	22.278	240	399156	20.00	ng	-0.03
86) Perylene-d12	25.968	264	365428	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.144	112	429987	136.86	ng	-0.01
7) Phenol-d6	7.689	99	525730	114.00	ng	-0.01
23) Nitrobenzene-d5	9.722	82	399311	109.29	ng	-0.02
41) 2,4,6-Tribromophenol	16.626	330	312233	160.27	ng	-0.02
44) 2-Fluorobiphenyl	13.770	172	996305	94.21	ng	-0.02
78) Terphenyl-d14	20.468	244	1578988	100.91	ng	-0.03
Target Compounds						
31) Naphthalene	11.432	128	200301	15.95	ng	Qvalue 99
33) 4-Chloroaniline	11.432	127	27132	5.18	ng	# 27
37) 2-Methylnaphthalene	12.995	142	24462	2.67	ng	96
55) 4-Nitrophenol	15.533	139	1815	6.88	ng	# 1

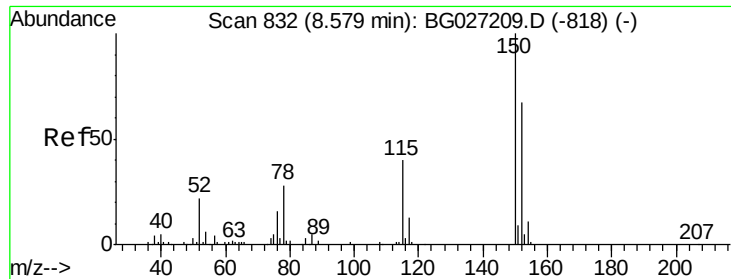
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.559 min Scan# 82

Delta R.T. -0.020 min

Lab File: BG027279.D

Acq: 7 Jun 2017 12:07

Instrument :

BNA_G

ClientSampleId :

SU-04-060517

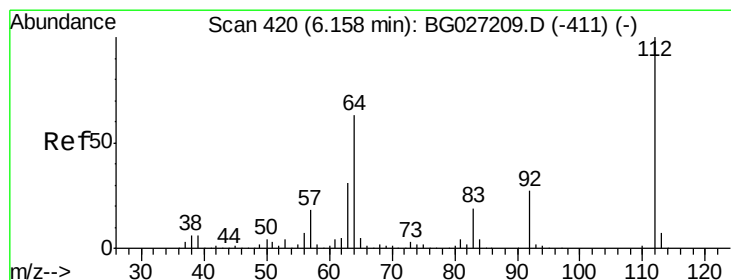
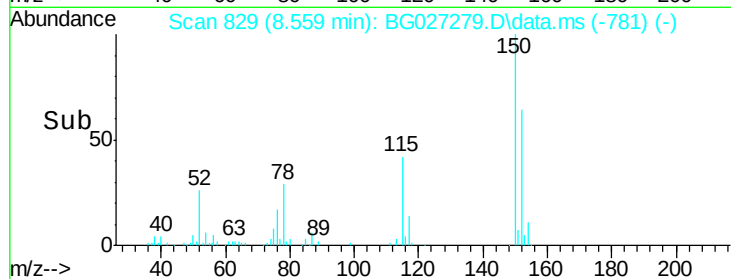
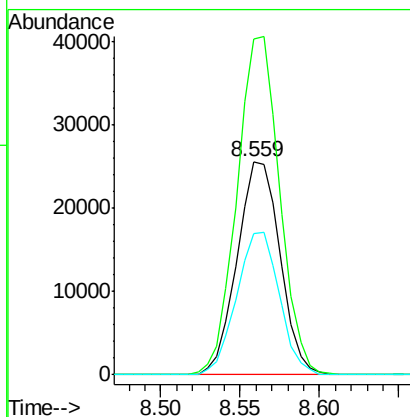
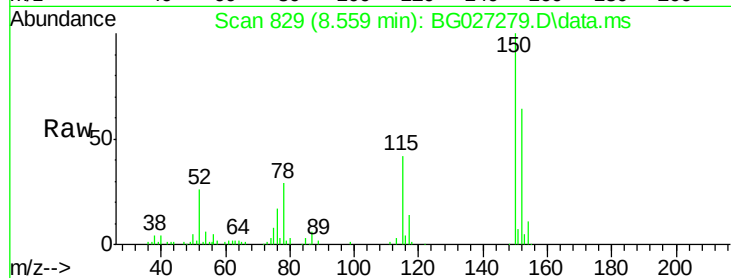
Tot Ion:152 Resp: 47943

Ion Ratio Lower Upper

152 100

150 157.2 114.0 171.0

115 66.1 48.1 72.1



#5

2-Fluorophenol

Concen: 136.86 ng

RT: 6.144 min Scan# 418

Delta R.T. -0.014 min

Lab File: BG027279.D

Acq: 7 Jun 2017 12:07

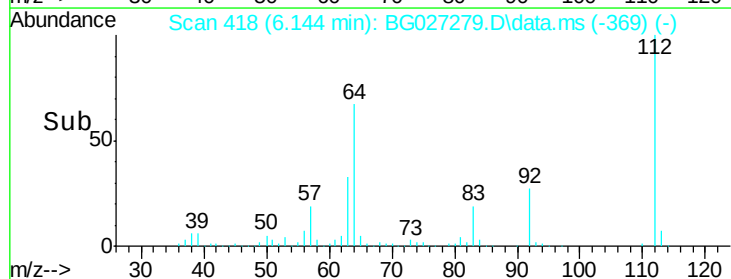
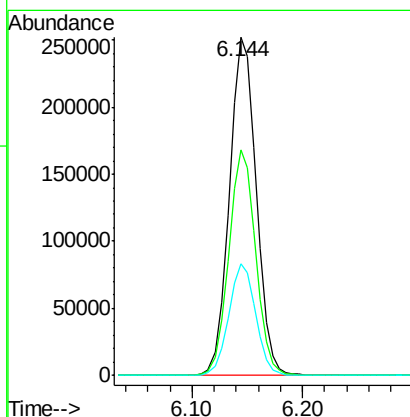
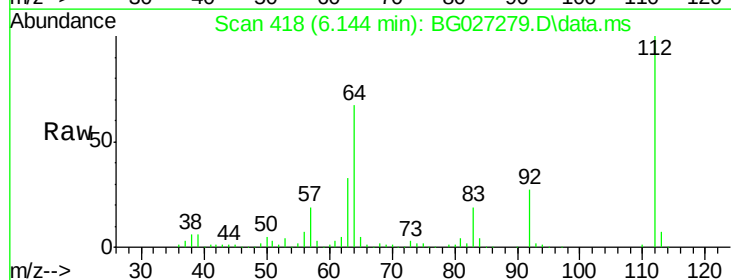
Tgt Ion:112 Resp: 429987

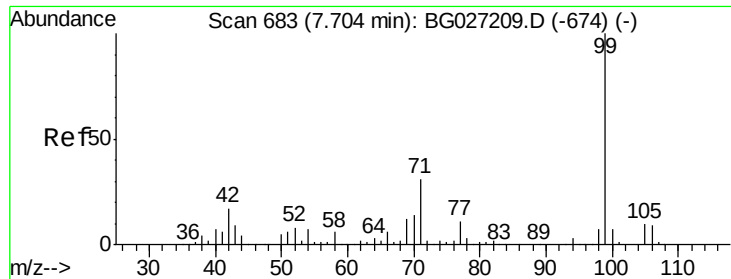
Ion Ratio Lower Upper

112 100

64 66.6 61.8 92.6

63 32.9 37.2 55.8#





#7

Phenol-d6

Concen: 114.00 ng

RT: 7.689 min Scan# 68

Delta R.T. -0.014 min

Lab File: BG027279.D

Acq: 7 Jun 2017 12:07

Instrument :

BNA_G

ClientSampleId :

SU-04-060517

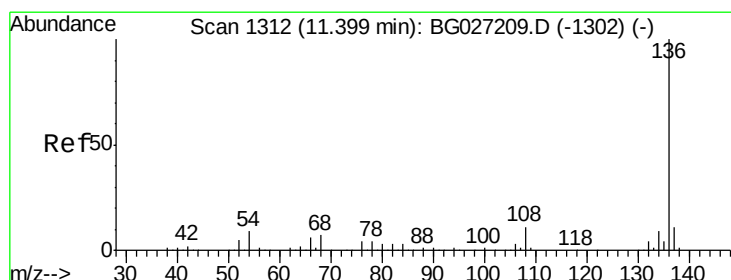
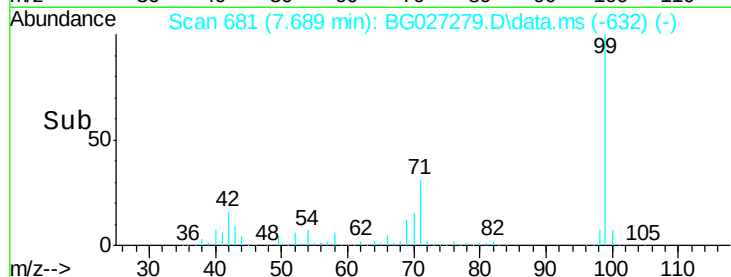
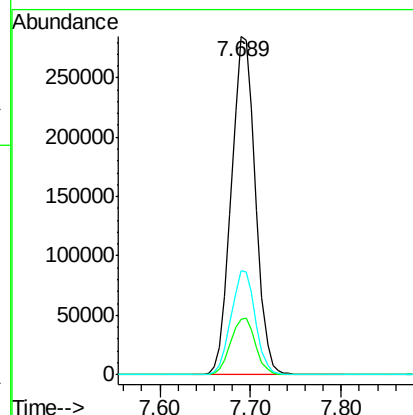
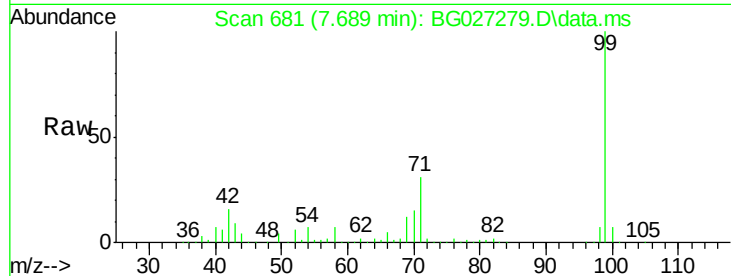
Tot Ion: 99 Resp: 525730

Ion Ratio Lower Upper

99 100

42 16.4 20.5 30.7#

71 30.7 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.379 min Scan# 1309

Delta R.T. -0.020 min

Lab File: BG027279.D

Acq: 7 Jun 2017 12:07

Tgt Ion: 136 Resp: 229788

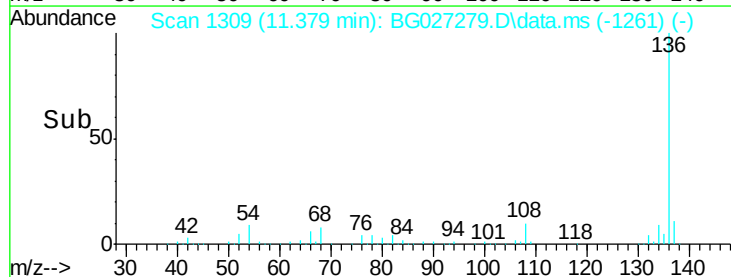
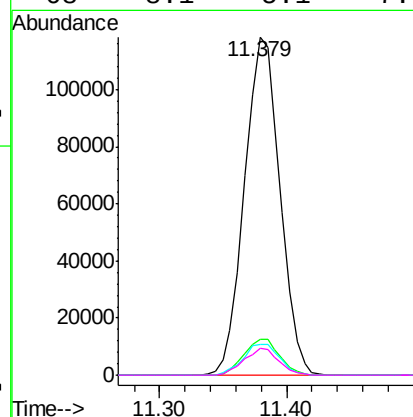
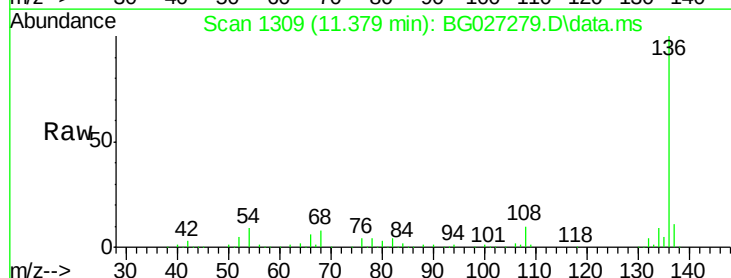
Ion Ratio Lower Upper

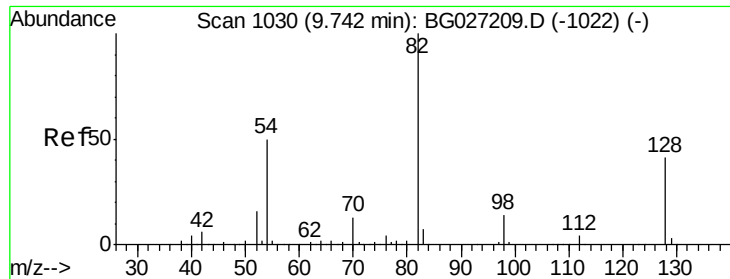
136 100

137 10.7 8.9 13.3

54 9.3 9.3 13.9#

68 8.1 5.1 7.7#





#23

Nitrobenzene-d5

Concen: 109.29 ng

RT: 9.722 min Scan# 10

Delta R.T. -0.020 min

Lab File: BG027279.D

Acq: 7 Jun 2017 12:07

Instrument :

BNA_G

ClientSampleId :

SU-04-060517

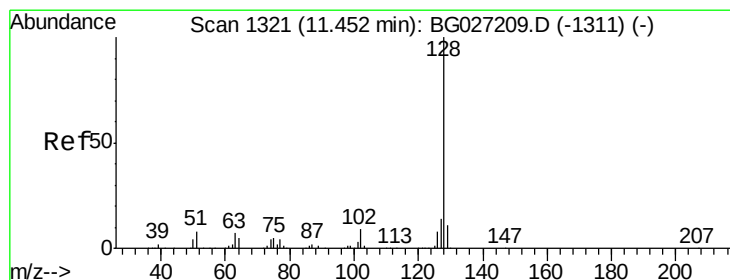
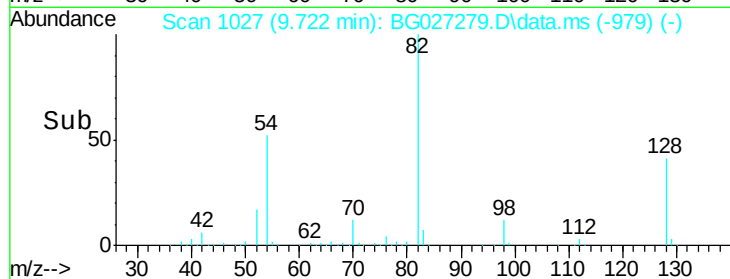
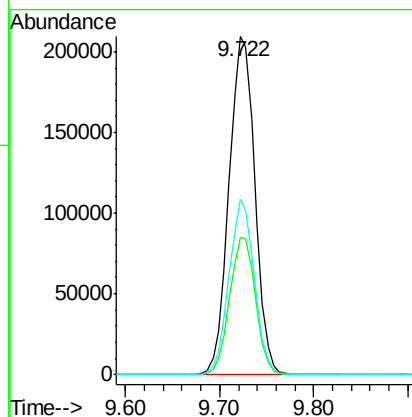
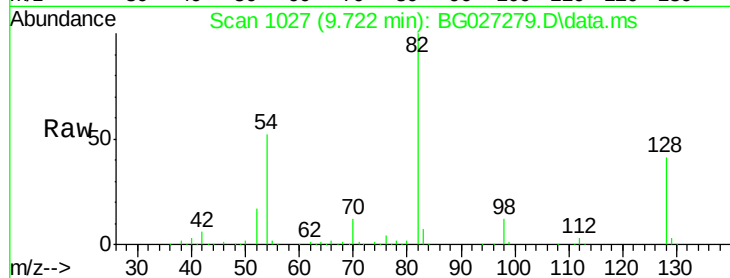
Tot Ion: 82 Resp: 399311

Ion Ratio Lower Upper

82 100

128 40.7 26.4 39.6#

54 51.9 49.4 74.2



#31

Naphthalene

Concen: 15.95 ng

RT: 11.432 min Scan# 1318

Delta R.T. -0.020 min

Lab File: BG027279.D

Acq: 7 Jun 2017 12:07

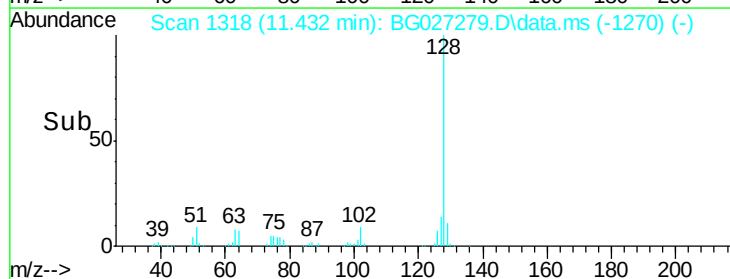
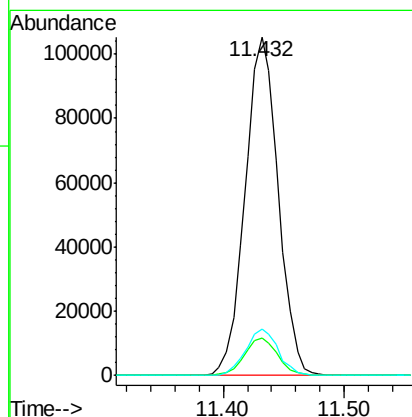
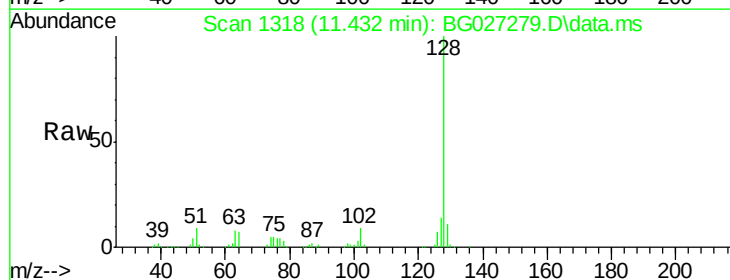
Tgt Ion: 128 Resp: 200301

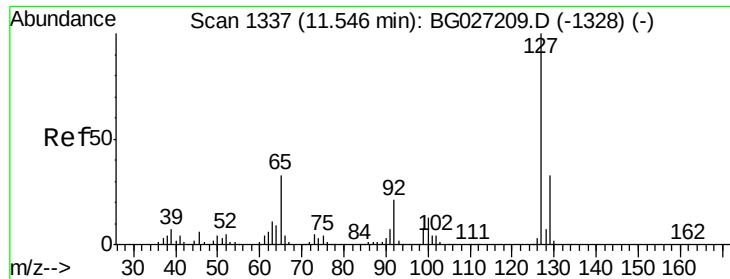
Ion Ratio Lower Upper

128 100

129 11.2 9.3 13.9

127 13.8 11.4 17.0

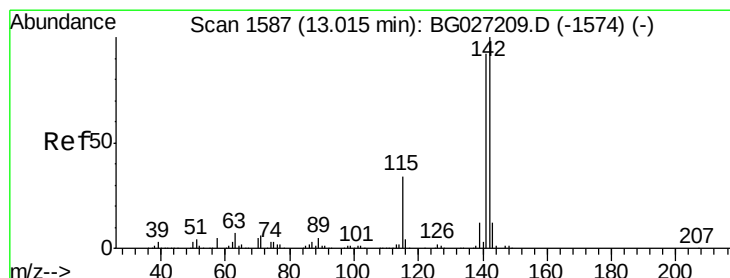
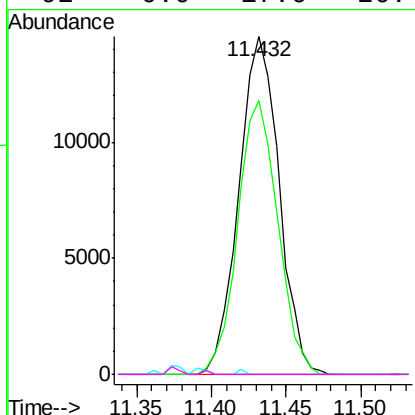
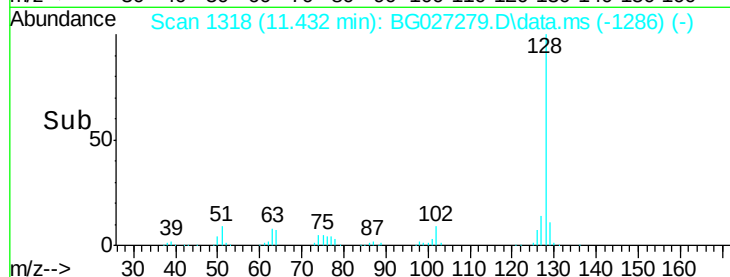
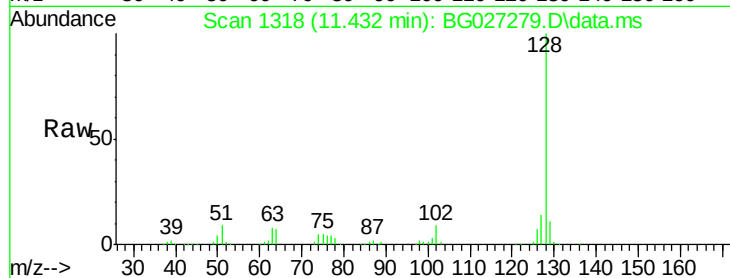




#33
4-Chloroaniline
Concen: 5.18 ng
RT: 11.432 min Scan# 1337
Delta R.T. -0.114 min
Lab File: BG027279.D
Acq: 7 Jun 2017 12:07

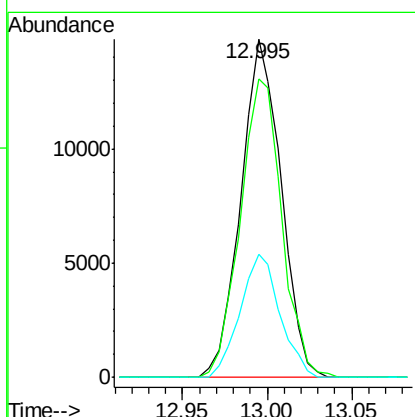
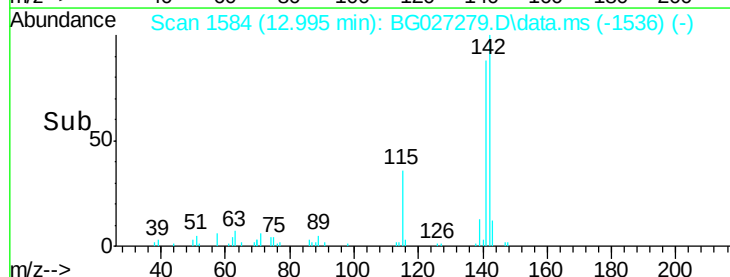
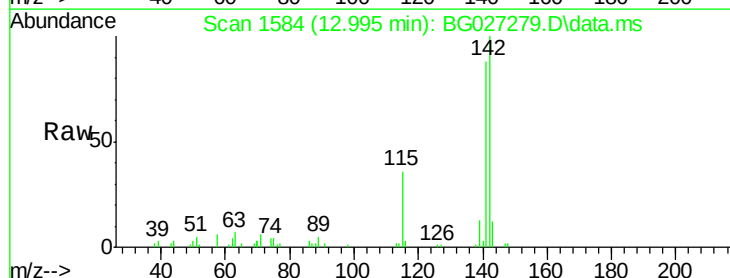
Instrument :
BNA_G
ClientSampleId :
SU-04-060517

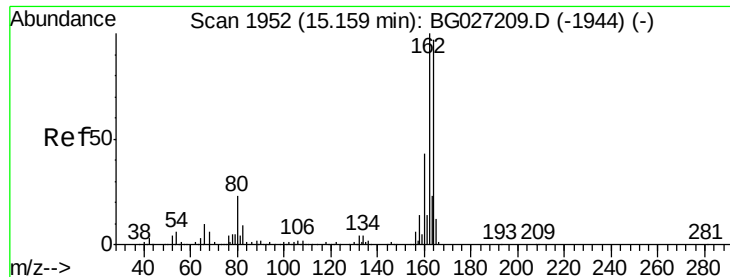
Tot Ion:	127	Resp:	27132
Ion Ratio	Lower	Upper	
127	100		
129	81.1	23.6	35.4#
65	0.0	37.7	56.5#
92	0.0	17.6	26.4#



#37
2-Methylnaphthalene
Concen: 2.67 ng
RT: 12.995 min Scan# 1584
Delta R.T. -0.020 min
Lab File: BG027279.D
Acq: 7 Jun 2017 12:07

Tgt Ion:	142	Resp:	24462
Ion Ratio	Lower	Upper	
142	100		
141	88.2	70.4	105.6
115	36.5	35.5	53.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 15.145 min Scan# 19

Delta R.T. -0.014 min

Lab File: BG027279.D

Acq: 7 Jun 2017 12:07

Instrument :

BNA_G

ClientSampleId :

SU-04-060517

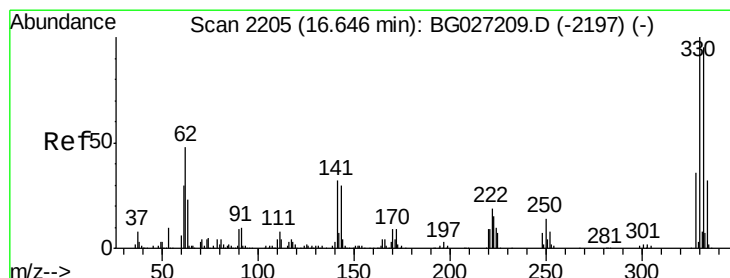
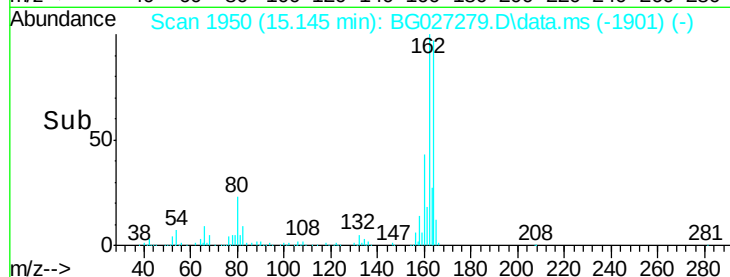
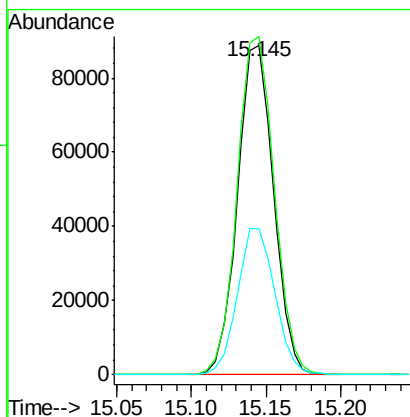
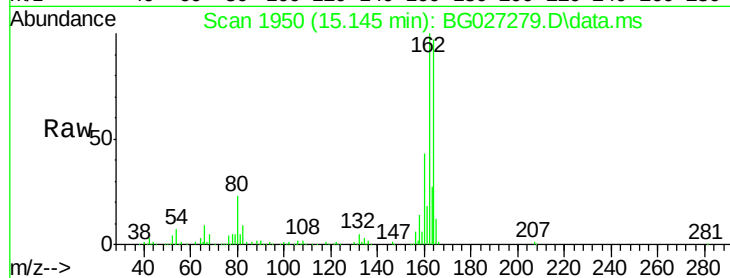
Tot Ion:164 Resp: 147942

Ion Ratio Lower Upper

164 100

162 102.9 85.1 127.7

160 44.6 34.7 52.1



#41

2,4,6-Tribromophenol

Concen: 160.27 ng

RT: 16.626 min Scan# 2202

Delta R.T. -0.020 min

Lab File: BG027279.D

Acq: 7 Jun 2017 12:07

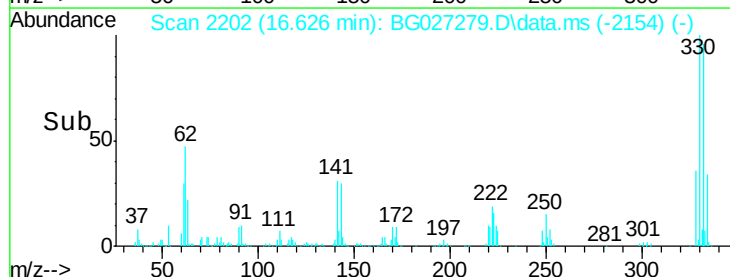
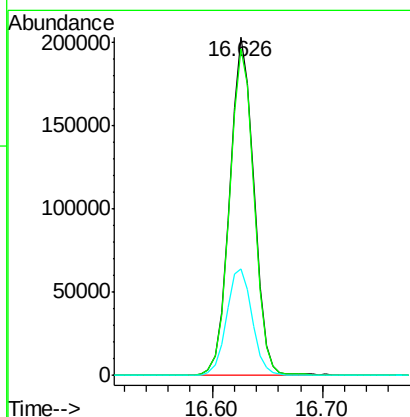
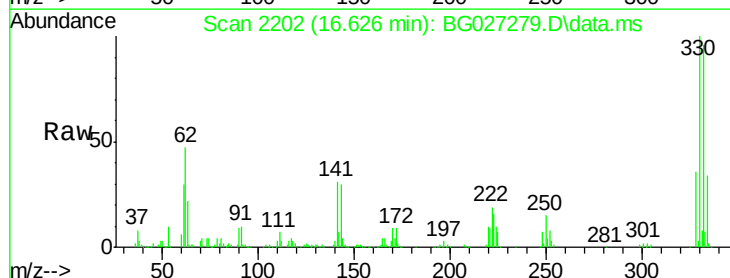
Tgt Ion:330 Resp: 312233

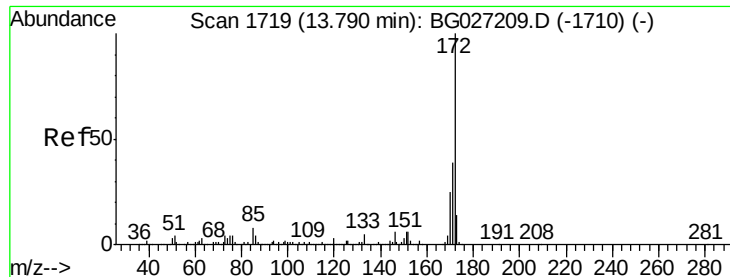
Ion Ratio Lower Upper

330 100

332 97.5 77.3 115.9

141 33.0 32.1 48.1

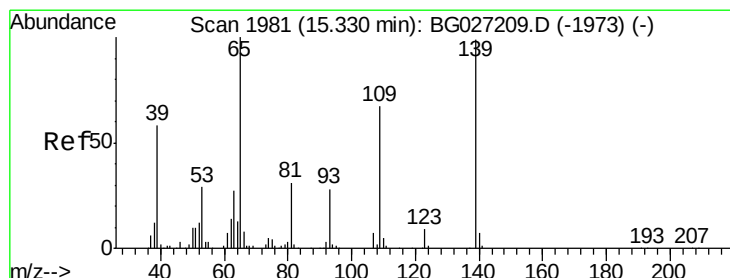
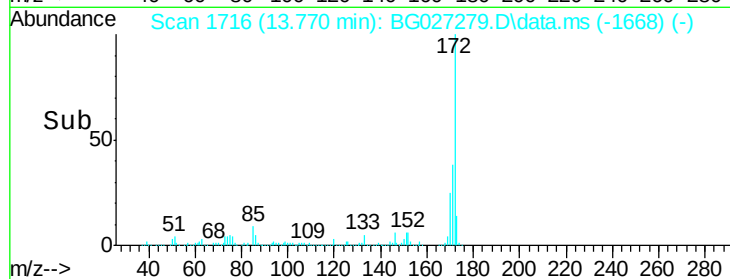
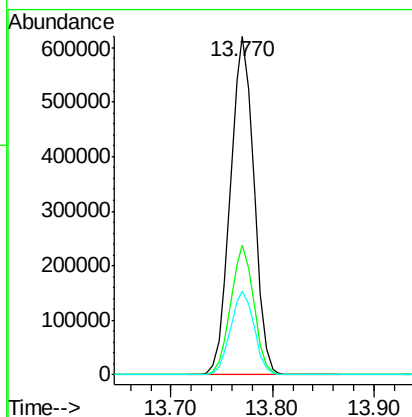
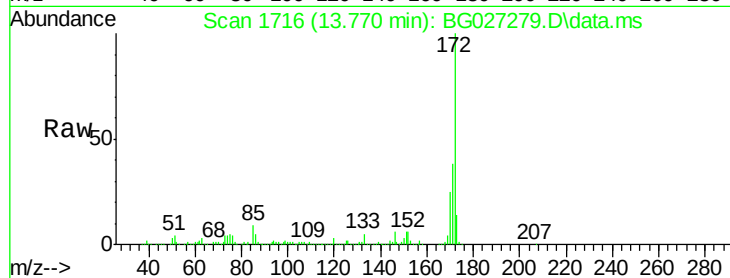




#44
2-Fluorobiphenyl
Concen: 94.21 ng
RT: 13.770 min Scan# 1719
Delta R.T. -0.020 min
Lab File: BG027279.D
Acq: 7 Jun 2017 12:07

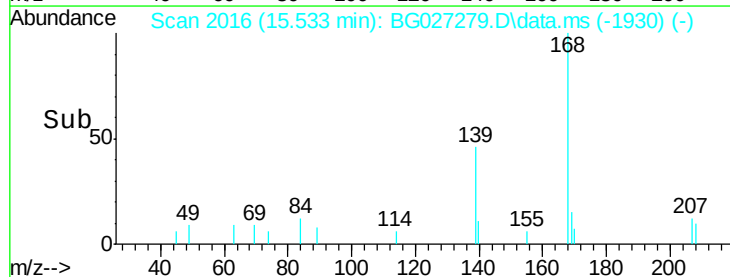
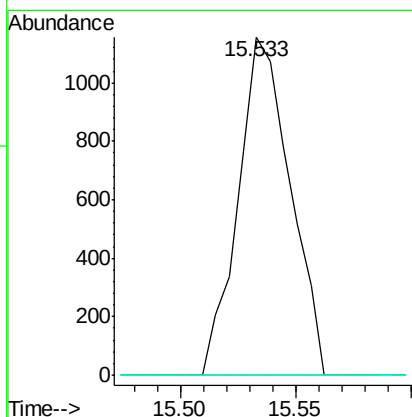
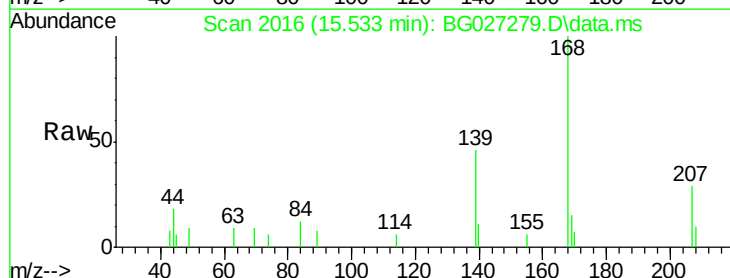
Instrument :
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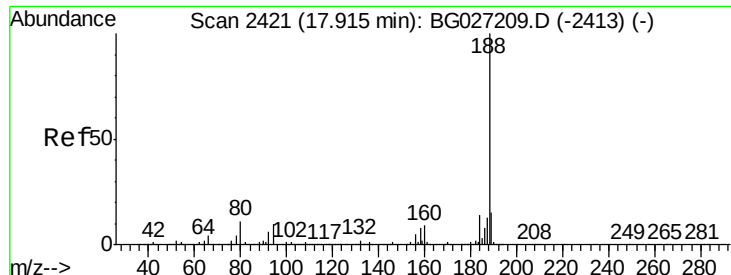
Tot Ion:	172	Resp:	996305
Ion Ratio	Lower	Upper	
172	100		
171	38.1	32.2	48.2
170	24.7	21.8	32.6



#55
4-Nitrophenol
Concen: 6.88 ng
RT: 15.533 min Scan# 2016
Delta R.T. 0.204 min
Lab File: BG027279.D
Acq: 7 Jun 2017 12:07

Tgt Ion:	139	Resp:	1815
Ion Ratio	Lower	Upper	
139	100		
109	0.0	101.2	141.2#
65	0.0	135.3	175.3#

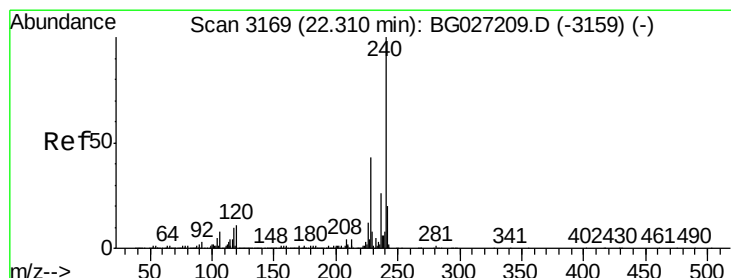
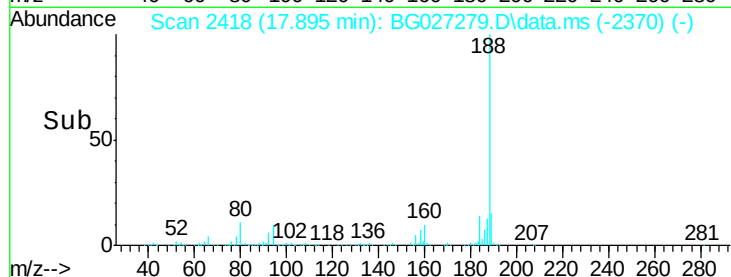
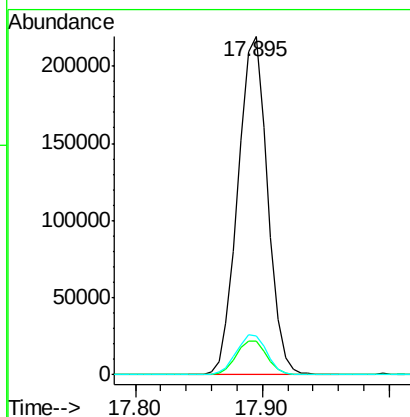
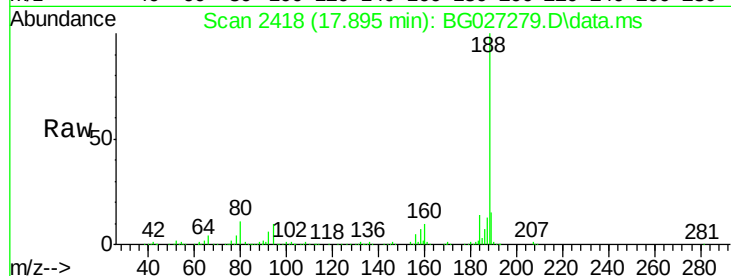




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.895 min Scan# 241
Delta R.T. -0.020 min
Lab File: BG027279.D
Acq: 7 Jun 2017 12:07

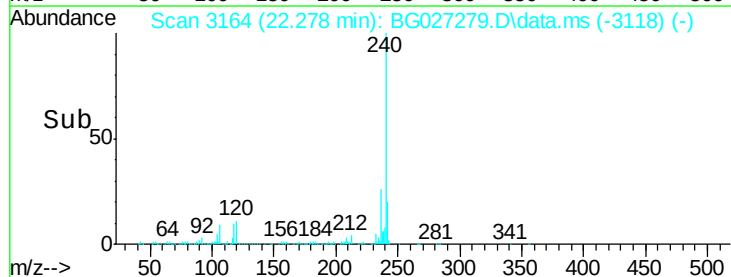
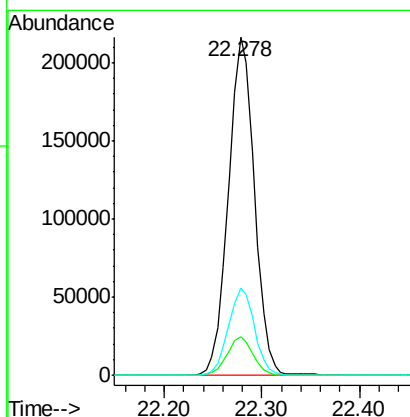
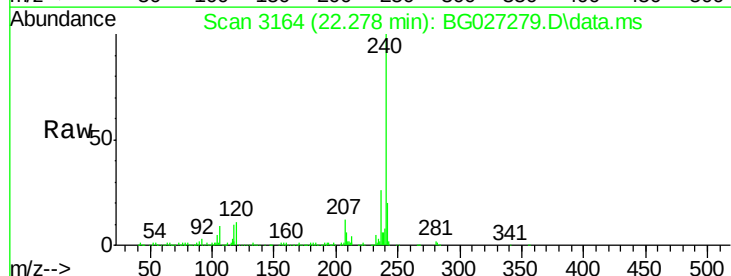
Instrument :
BNA_G
ClientSampleId :
SU-04-060517

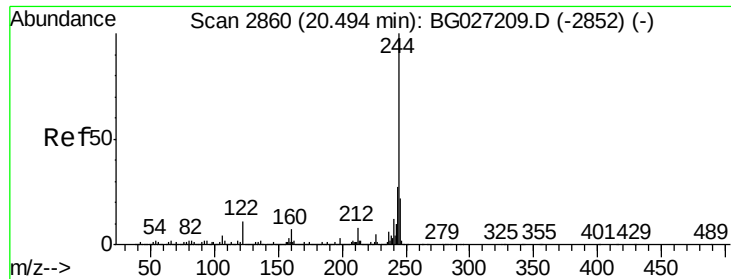
Tot Ion:188 Resp: 354788
Ion Ratio Lower Upper
188 100
94 10.0 5.8 8.8#
80 11.2 7.5 11.3



#75
Chrysene-d12
Concen: 20.00 ng
RT: 22.278 min Scan# 3164
Delta R.T. -0.032 min
Lab File: BG027279.D
Acq: 7 Jun 2017 12:07

Tgt Ion:240 Resp: 399156
Ion Ratio Lower Upper
240 100
120 11.4 5.7 8.5#
236 25.8 22.2 33.4





#78

Terphenyl-d14

Concen: 100.91 ng

RT: 20.468 min Scan# 28

Delta R.T. -0.026 min

Lab File: BG027279.D

Acq: 7 Jun 2017 12:07

Instrument :

BNA_G

ClientSampleId :

SU-04-060517

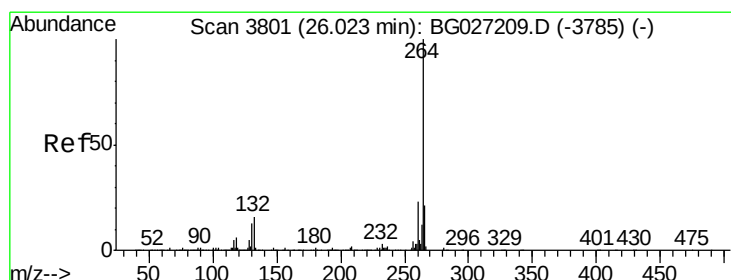
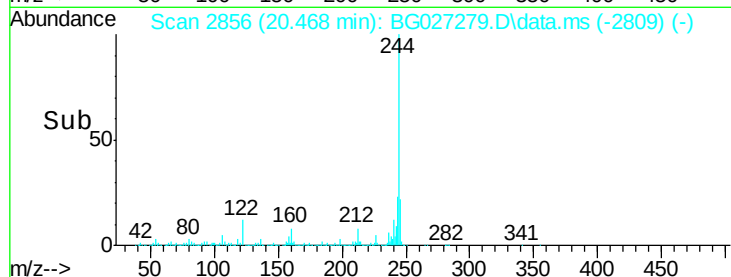
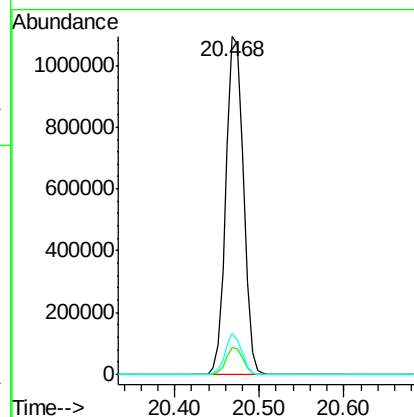
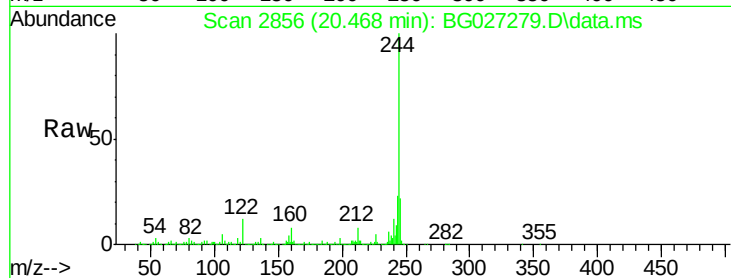
Tot Ion:244 Resp: 1578988

Ion Ratio Lower Upper

244 100

212 8.1 10.0 15.0#

122 12.1 8.6 12.8



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.968 min Scan# 3792

Delta R.T. -0.055 min

Lab File: BG027279.D

Acq: 7 Jun 2017 12:07

Tgt Ion:264 Resp: 365428

Ion Ratio Lower Upper

264 100

260 23.9 21.8 32.8

265 21.4 18.2 27.4

