

Data Path : Z:\HPCHEM1\BNA G\Data\BG060617\
 Data File : BG027281.D
 Acq On : 7 Jun 2017 13:25
 Operator : SJ/MA
 Sample : I3482-06
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 07 14:18:54 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

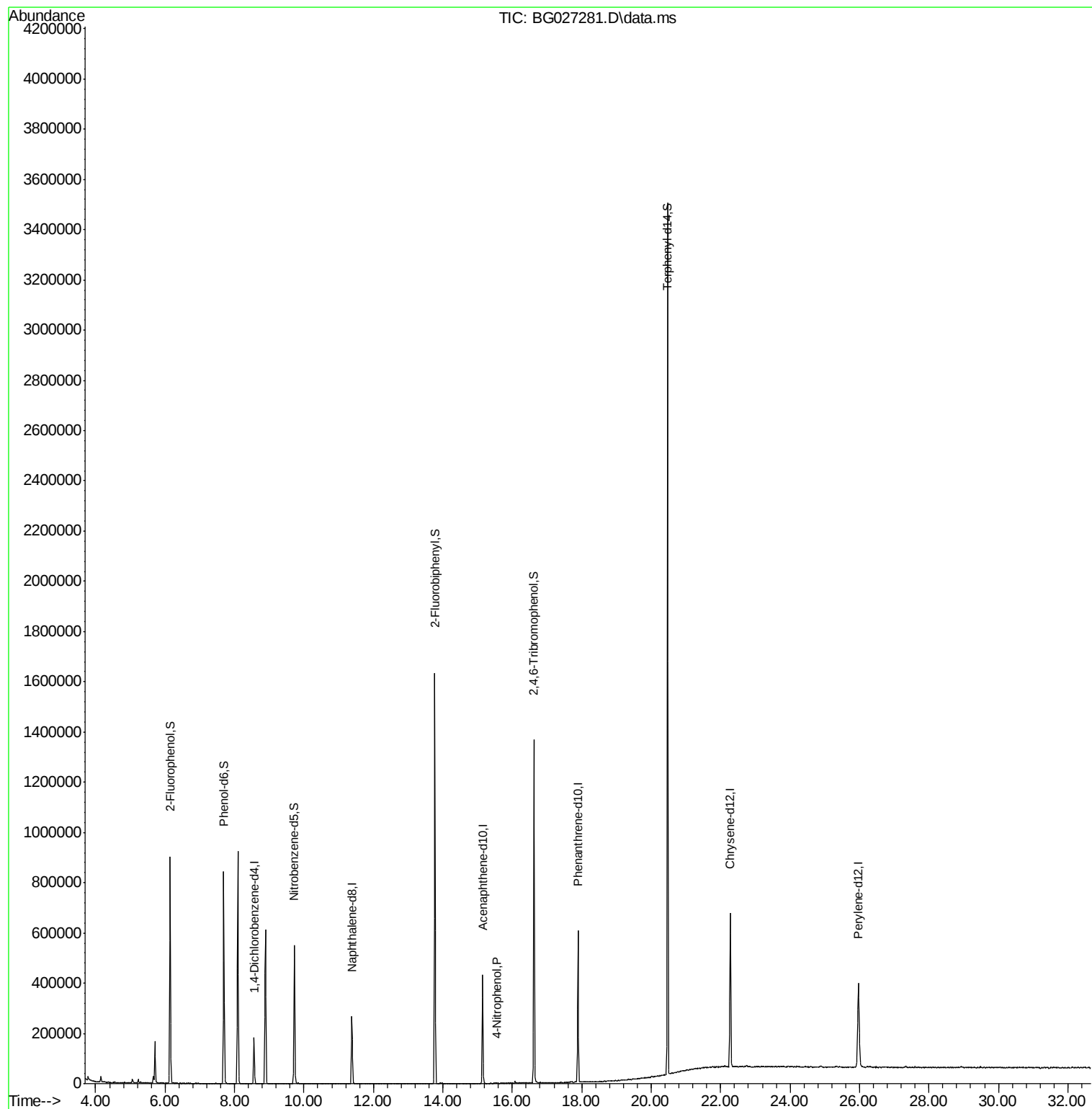
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.560	152	51712	20.00	ng	-0.02
21) Naphthalene-d8	11.380	136	240375	20.00	ng	-0.02
38) Acenaphthene-d10	15.141	164	155374	20.00	ng	-0.02
63) Phenanthrene-d10	17.890	188	377764	20.00	ng	-0.02
75) Chrysene-d12	22.279	240	429187	20.00	ng	-0.03
86) Perylene-d12	25.969	264	400234	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	6.145	112	425452	125.55	ng	-0.01
7) Phenol-d6	7.691	99	554178	111.41	ng	-0.01
23) Nitrobenzene-d5	9.724	82	357647	93.57	ng	-0.02
41) 2,4,6-Tribromophenol	16.627	330	283361	138.49	ng	-0.02
44) 2-Fluorobiphenyl	13.772	172	894001	80.50	ng	-0.02
78) Terphenyl-d14	20.470	244	1529806	90.93	ng	-0.02
Target Compounds						
55) 4-Nitrophenol	15.540	139	69	6.15	ng	Qvalue # 1

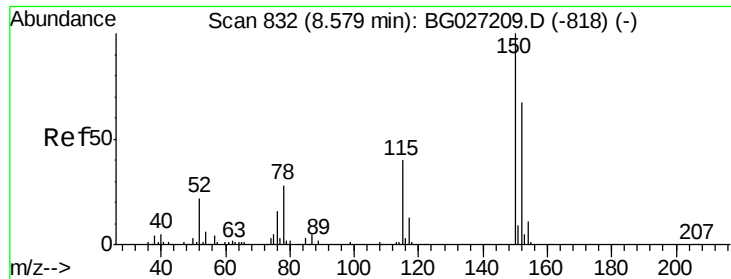
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.560 min Scan# 82

Delta R.T. -0.019 min

Lab File: BG027281.D

Acq: 7 Jun 2017 13:25

Instrument :

BNA_G

ClientSampleId :

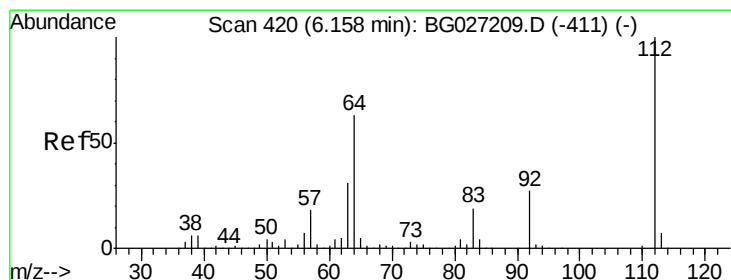
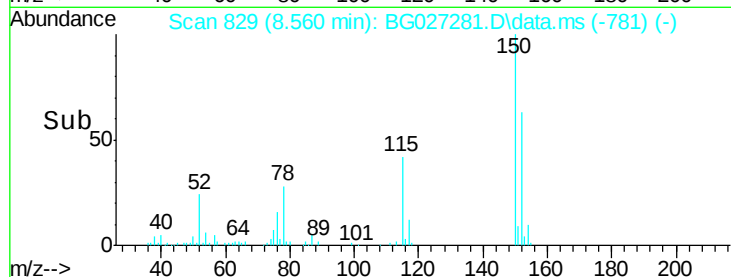
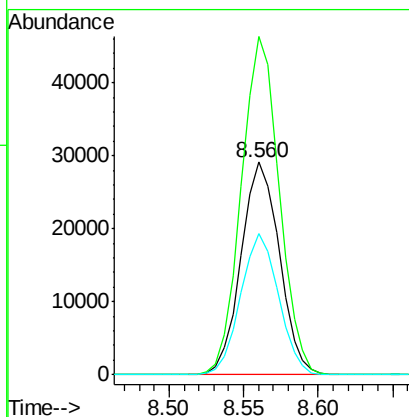
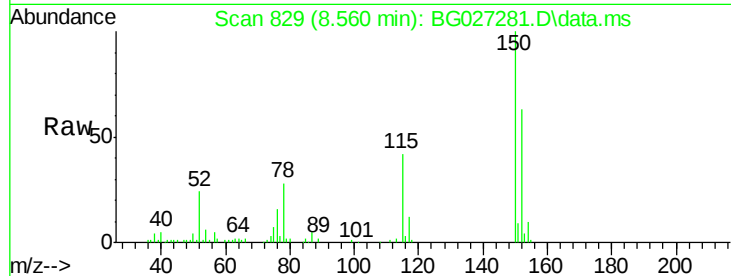
Tot Ion:152 Resp: 51712

Ion Ratio Lower Upper

152 100

150 159.2 114.0 171.0

115 66.6 48.1 72.1



#5

2-Fluorophenol

Concen: 125.55 ng

RT: 6.145 min Scan# 418

Delta R.T. -0.013 min

Lab File: BG027281.D

Acq: 7 Jun 2017 13:25

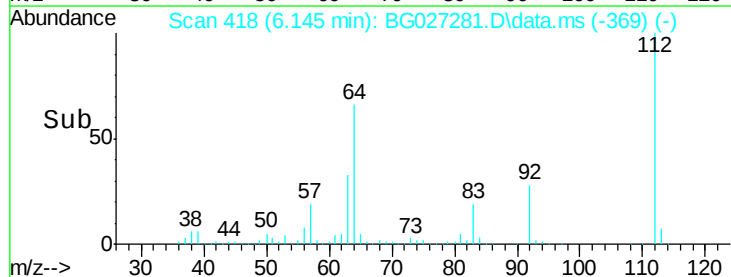
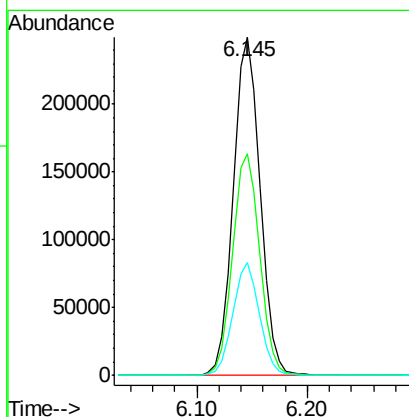
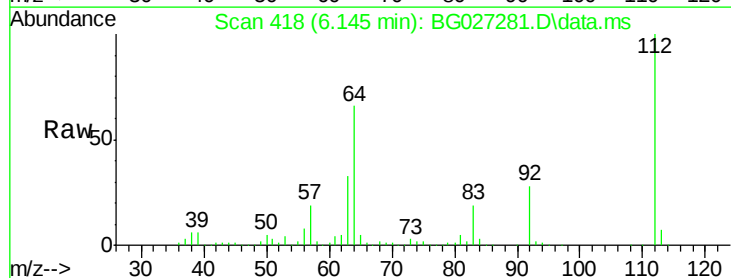
Tgt Ion:112 Resp: 425452

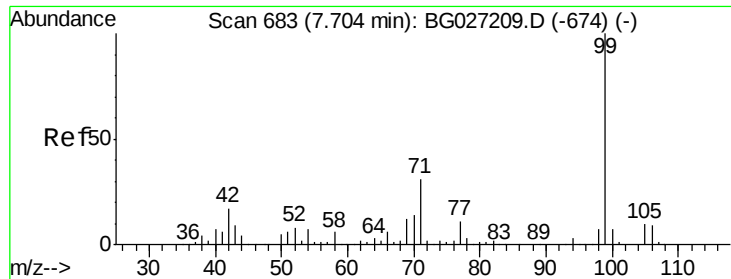
Ion Ratio Lower Upper

112 100

64 65.6 61.8 92.6

63 33.3 37.2 55.8#





#7

Phenol-d6

Concen: 111.41 ng

RT: 7.691 min Scan# 68

Delta R.T. -0.013 min

Lab File: BG027281.D

Acq: 7 Jun 2017 13:25

Instrument :

BNA_G

ClientSampled :

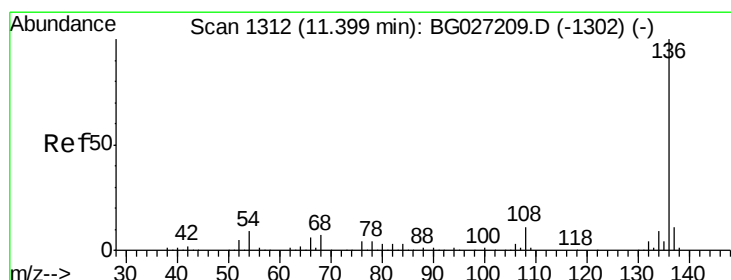
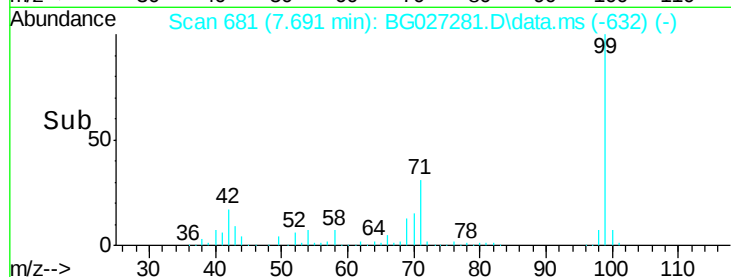
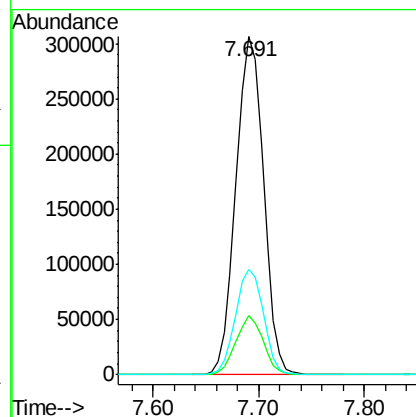
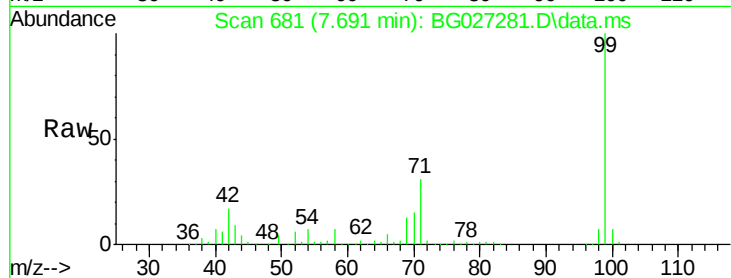
Tot Ion: 99 Resp: 554178

Ion Ratio Lower Upper

99 100

42 17.3 20.5 30.7#

71 31.3 37.6 56.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 11.380 min Scan# 1309

Delta R.T. -0.019 min

Lab File: BG027281.D

Acq: 7 Jun 2017 13:25

Tgt Ion: 136 Resp: 240375

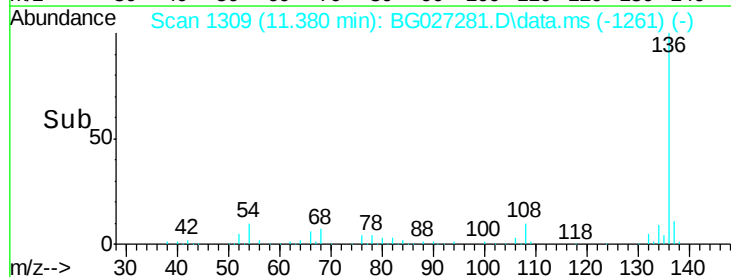
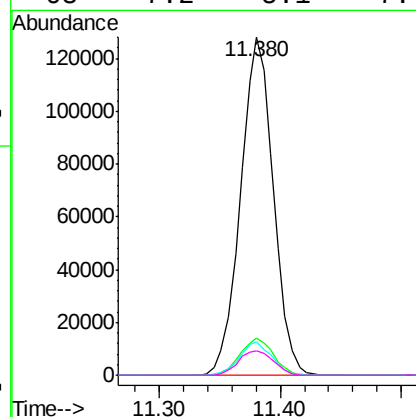
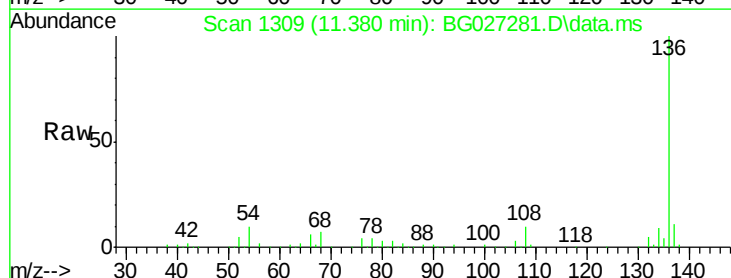
Ion Ratio Lower Upper

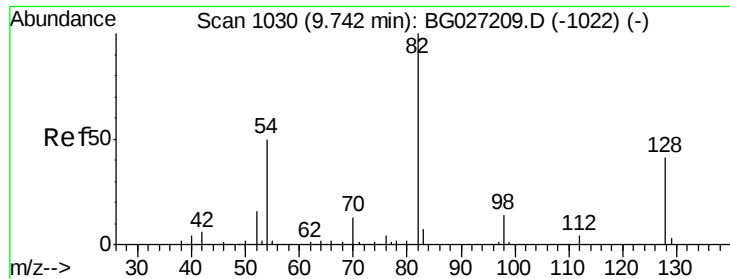
136 100

137 11.1 8.9 13.3

54 9.9 9.3 13.9

68 7.2 5.1 7.7

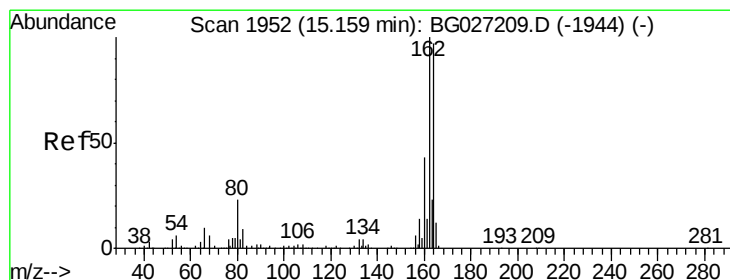
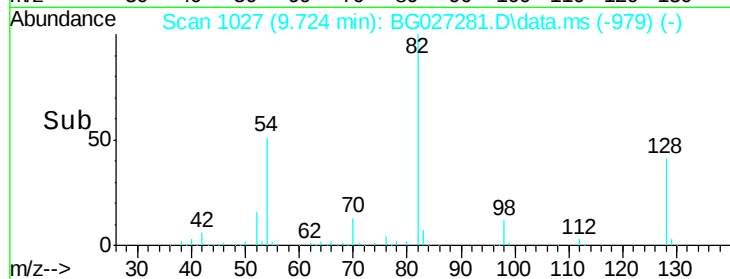
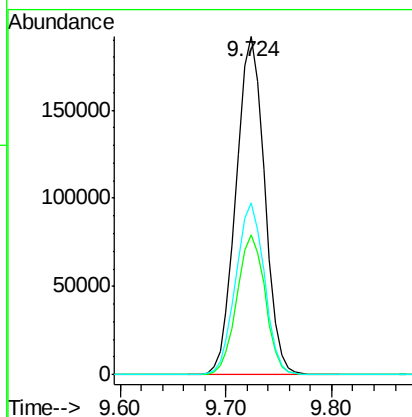
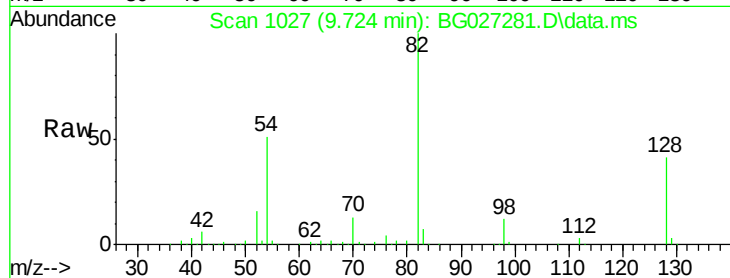




#23
 Nitrobenzene-d5
 Concen: 93.57 ng
 RT: 9.724 min Scan# 10
 Delta R.T. -0.018 min
 Lab File: BG027281.D
 Acq: 7 Jun 2017 13:25

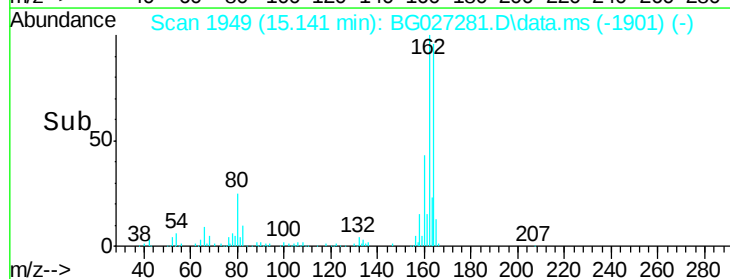
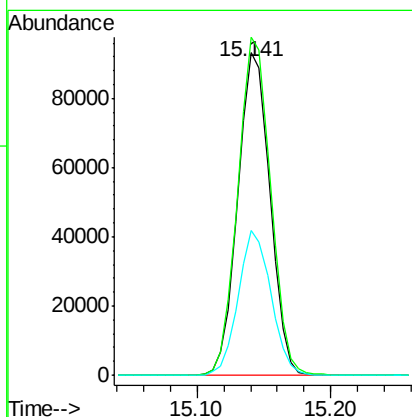
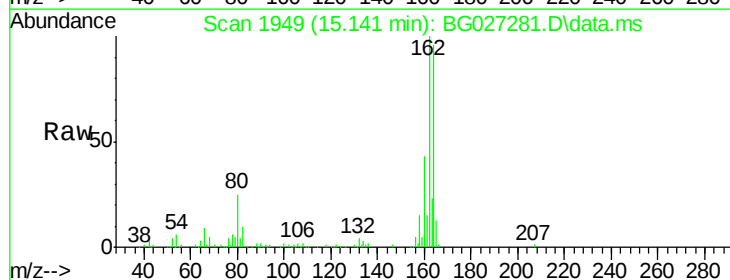
Instrument :
 BNA_G
 ClientSampleId :

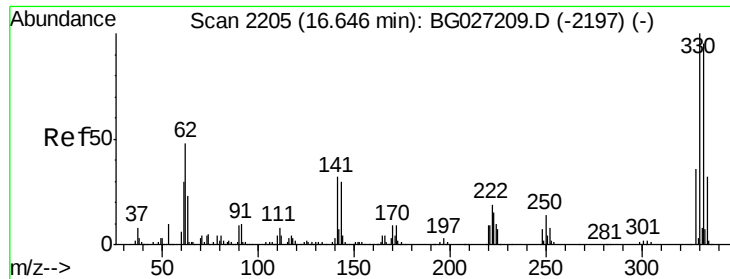
Tot Ion	82	Resp	357647
Ion Ratio	100	Lower	Upper
128	41.2	26.4	39.6
54	51.0	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.141 min Scan# 1949
 Delta R.T. -0.019 min
 Lab File: BG027281.D
 Acq: 7 Jun 2017 13:25

Tgt Ion	164	Resp	155374
Ion Ratio	100	Lower	Upper
162	104.7	85.1	127.7
160	44.8	34.7	52.1

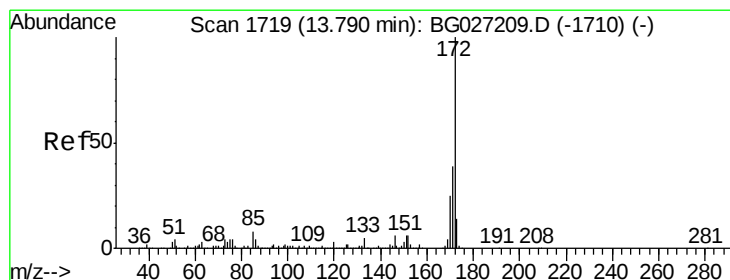
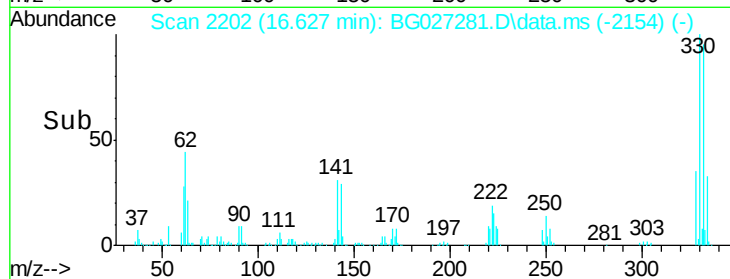
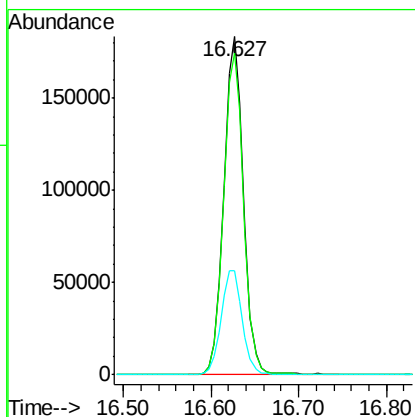
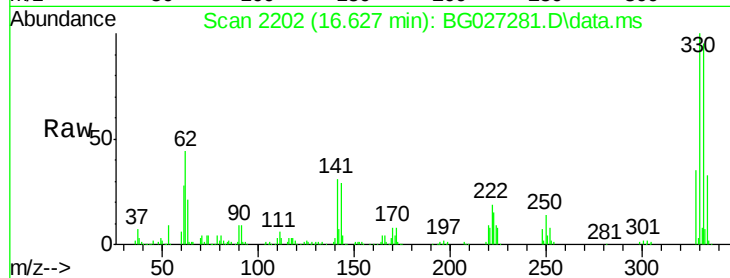




#41
 2,4,6-Tribromophenol
 Concen: 138.49 ng
 RT: 16.627 min Scan# 22
 Delta R.T. -0.019 min
 Lab File: BG027281.D
 Acq: 7 Jun 2017 13:25

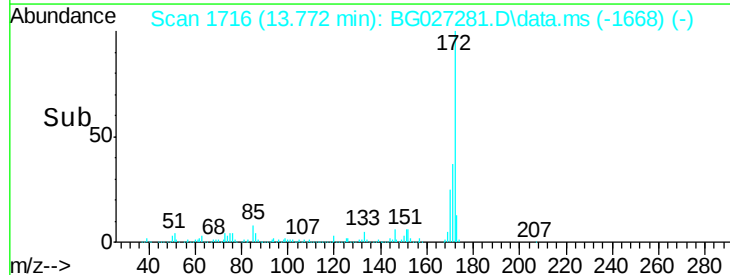
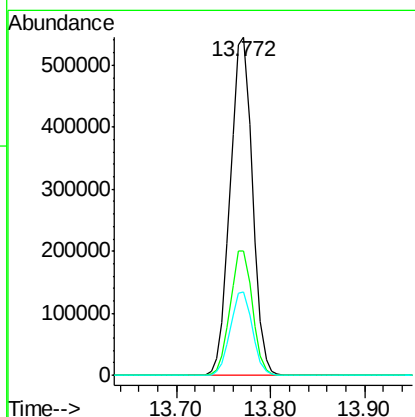
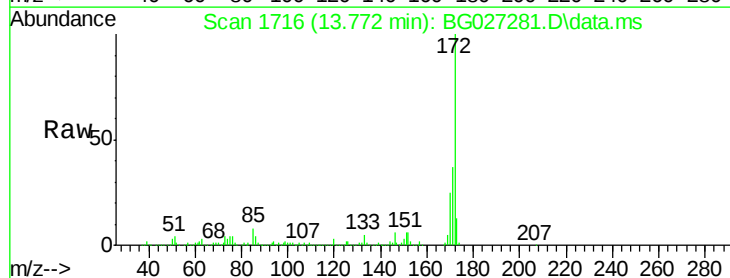
Instrument :
 BNA_G
 ClientSampleId :

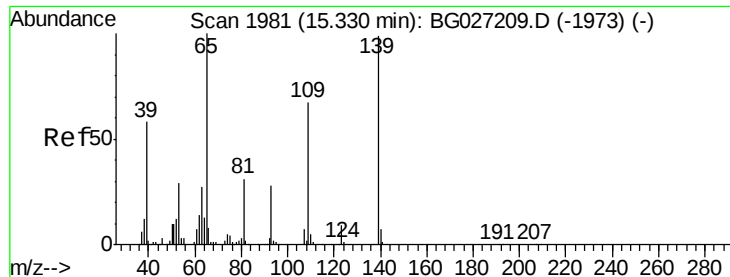
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.8	77.3	115.9
141	33.1	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 80.50 ng
 RT: 13.772 min Scan# 1716
 Delta R.T. -0.019 min
 Lab File: BG027281.D
 Acq: 7 Jun 2017 13:25

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.9	32.2	48.2
170	24.8	21.8	32.6





#55

4-Nitrophenol

Concen: 6.15 ng

RT: 15.540 min Scan# 20

Delta R.T. 0.211 min

Lab File: BG027281.D

Acq: 7 Jun 2017 13:25

Instrument :

BNA_G

ClientSampleId :

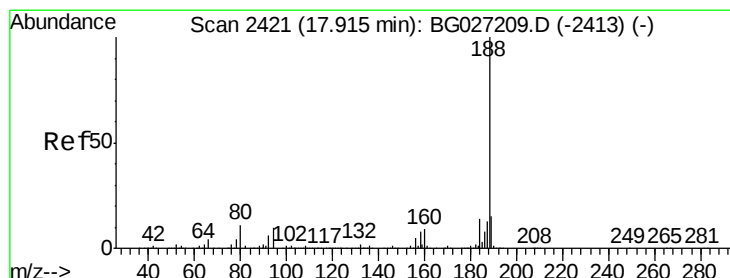
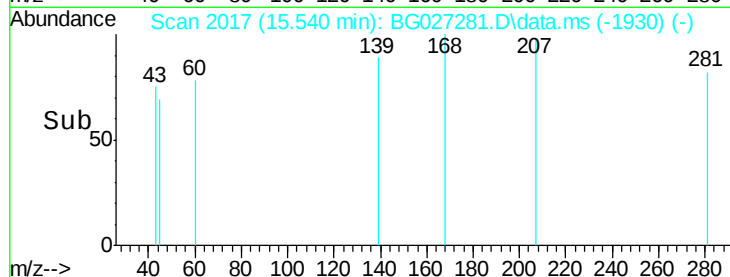
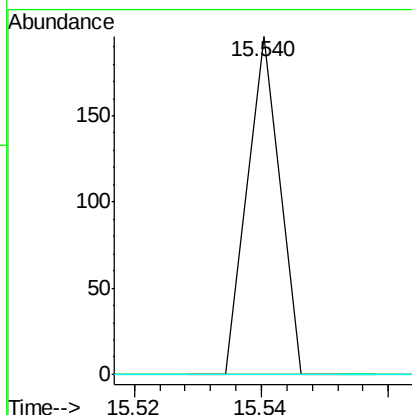
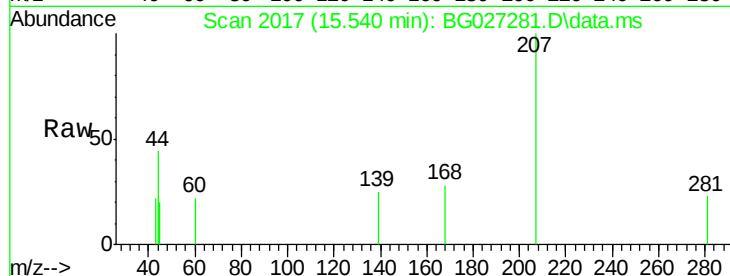
Tot Ion:139 Resp: 69

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: 17.890 min Scan# 2417

Delta R.T. -0.025 min

Lab File: BG027281.D

Acq: 7 Jun 2017 13:25

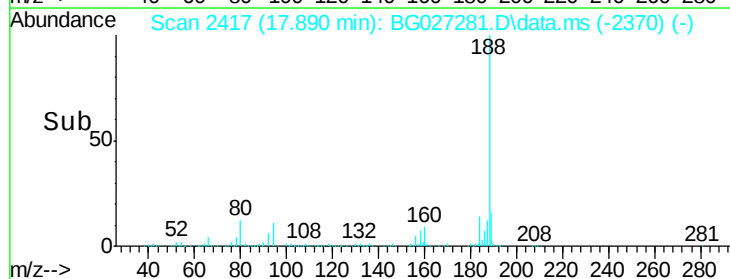
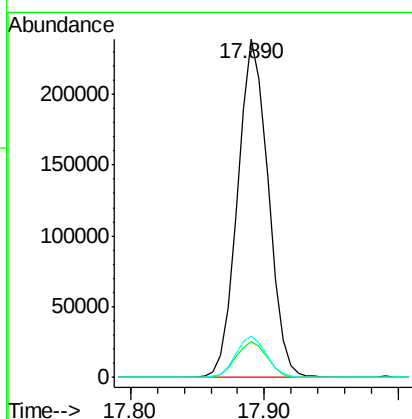
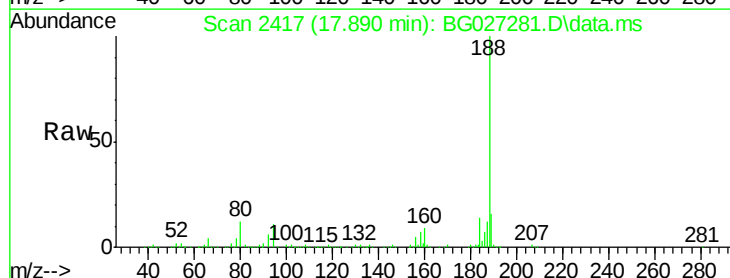
Tgt Ion:188 Resp: 377764

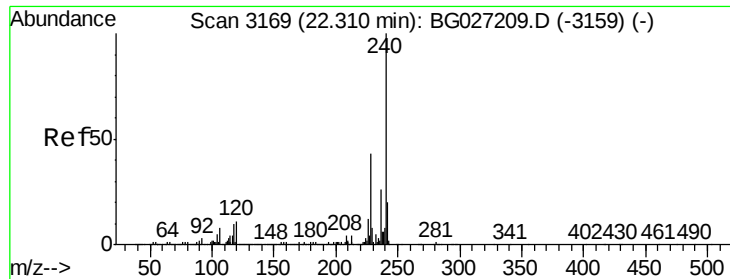
Ion Ratio Lower Upper

188 100

94 10.6 5.8 8.8#

80 12.3 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 22.279 min Scan# 31

Delta R.T. -0.030 min

Lab File: BG027281.D

Acq: 7 Jun 2017 13:25

Instrument :

BNA_G

ClientSampleId :

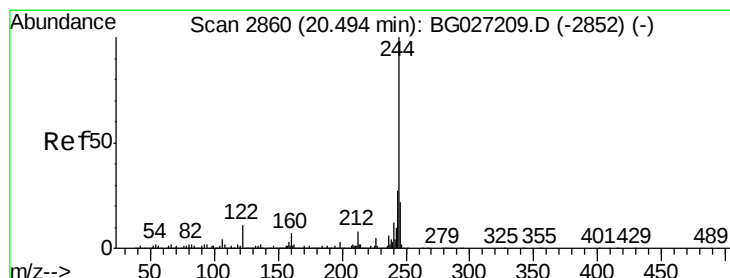
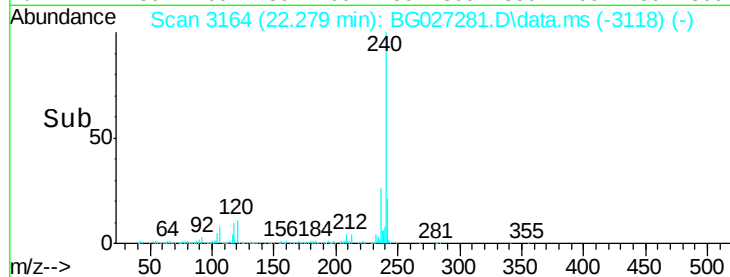
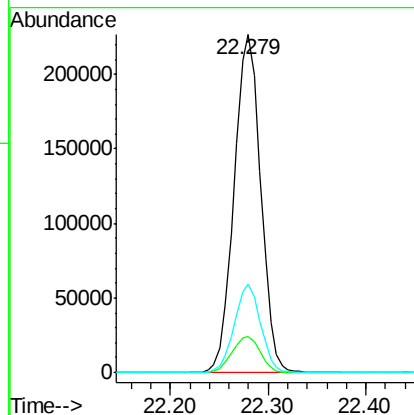
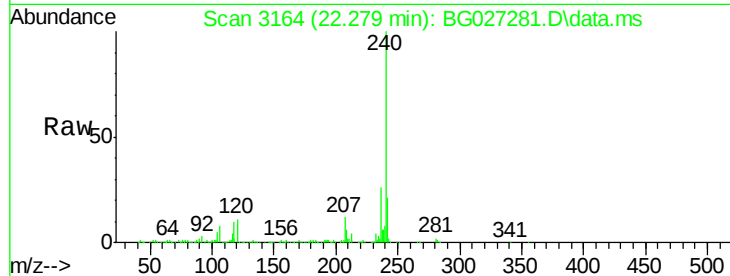
Tot Ion:240 Resp: 429187

Ion Ratio Lower Upper

240 100

120 10.6 5.7 8.5#

236 26.2 22.2 33.4



#78

Terphenyl-d14

Concen: 90.93 ng

RT: 20.470 min Scan# 2856

Delta R.T. -0.025 min

Lab File: BG027281.D

Acq: 7 Jun 2017 13:25

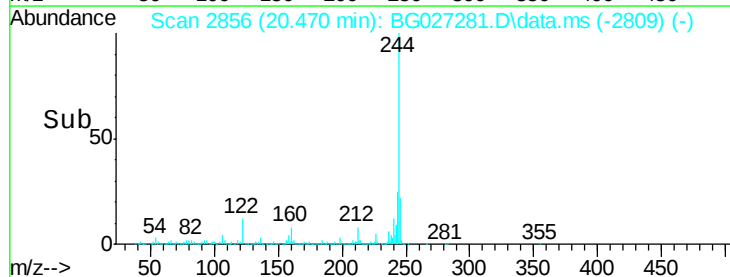
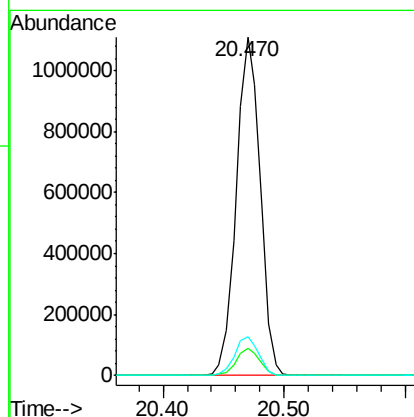
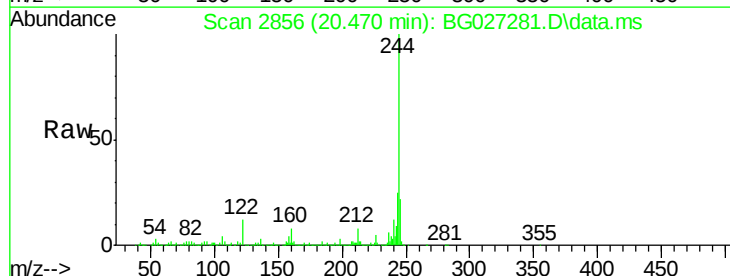
Tgt Ion:244 Resp: 1529806

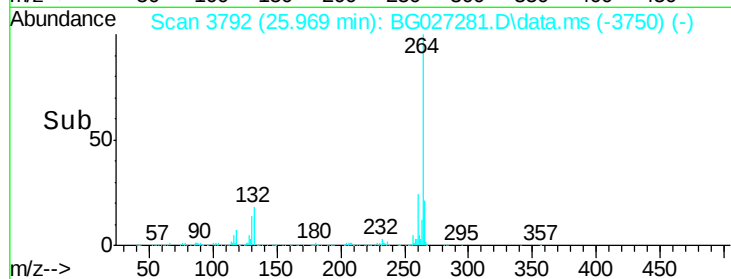
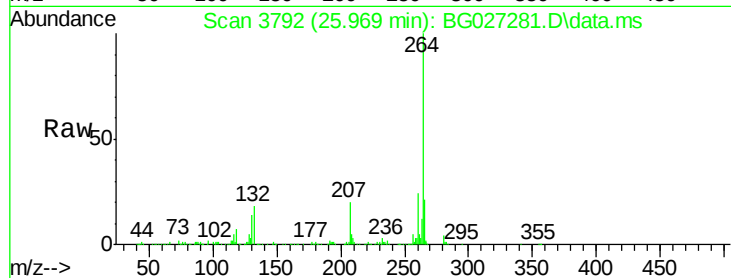
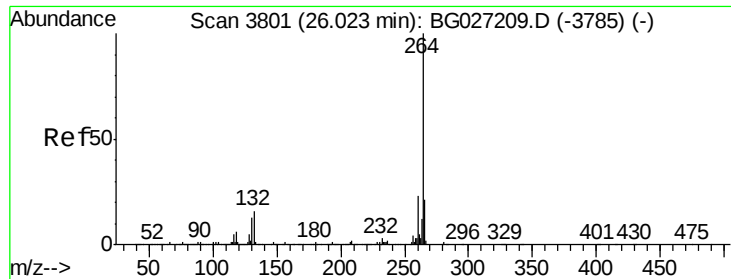
Ion Ratio Lower Upper

244 100

212 8.2 10.0 15.0#

122 11.5 8.6 12.8





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.969 min Scan# 37
Delta R.T. -0.054 min
Lab File: BG027281.D
Acq: 7 Jun 2017 13:25

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	21.8	32.8
265	21.1	18.2	27.4

