

Data Path : Z:\HPCHEM1\BNA G\Data\BG060617\
 Data File : BG027280.D
 Acq On : 7 Jun 2017 12:46
 Operator : SJ/MA
 Sample : I3482-03
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 07 14:18:41 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	8.565	152	53794	20.00	ng	-0.01
21) Naphthalene-d8	11.379	136	245047	20.00	ng	-0.02
38) Acenaphthene-d10	15.145	164	156263	20.00	ng	-0.01
63) Phenanthrene-d10	17.895	188	377102	20.00	ng	-0.02
75) Chrysene-d12	22.278	240	433182	20.00	ng	-0.03
86) Perylene-d12	25.968	264	397649	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.144	112	512657	145.42	ng	-0.01
7) Phenol-d6	7.695	99	661126	127.76	ng	0.00
23) Nitrobenzene-d5	9.722	82	434801	111.59	ng	-0.02
41) 2,4,6-Tribromophenol	16.626	330	339381	164.93	ng	-0.02
44) 2-Fluorobiphenyl	13.770	172	1069993	95.79	ng	-0.02
78) Terphenyl-d14	20.474	244	1715118	101.00	ng	-0.02

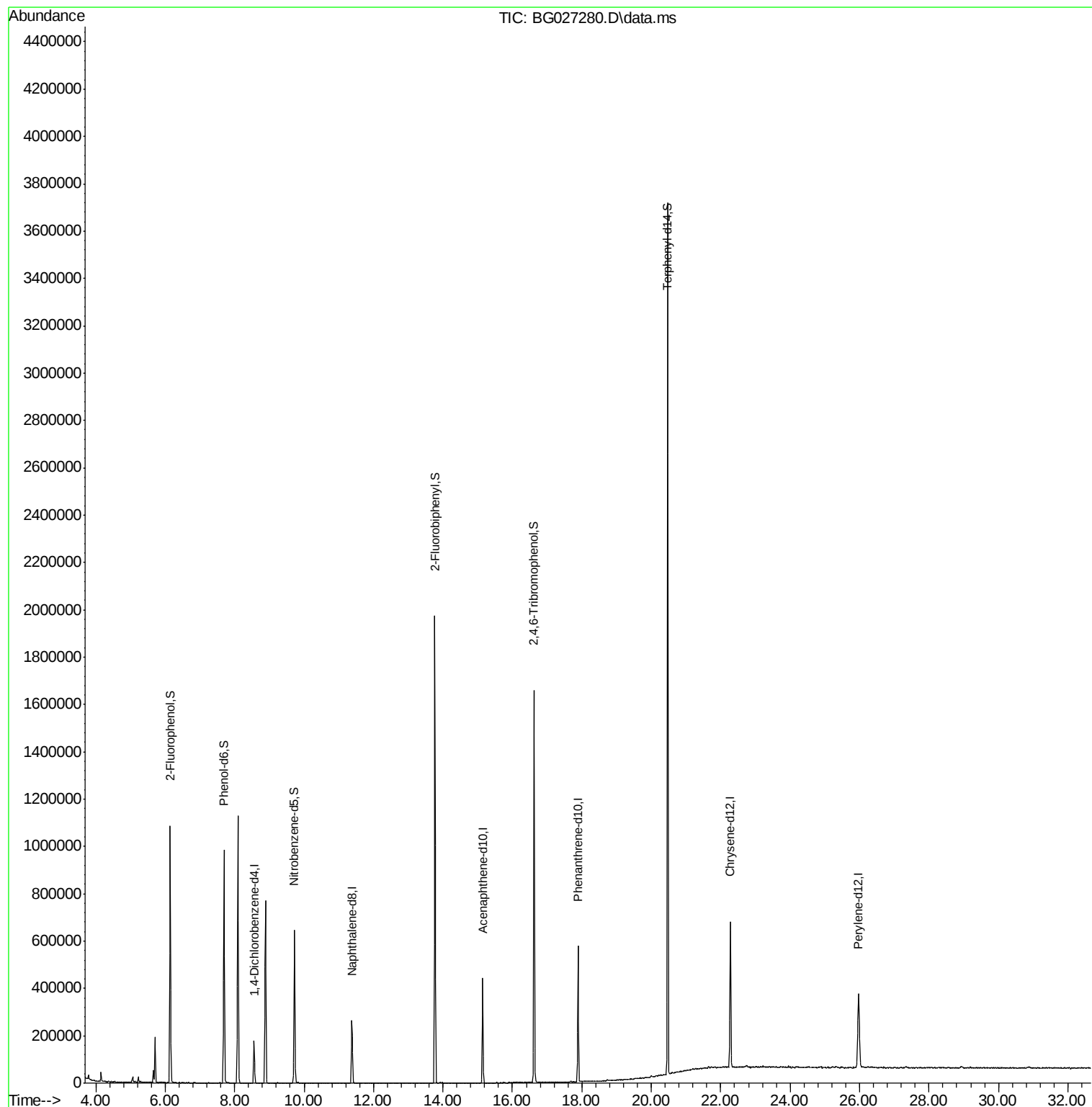
Target Compounds Qvalue

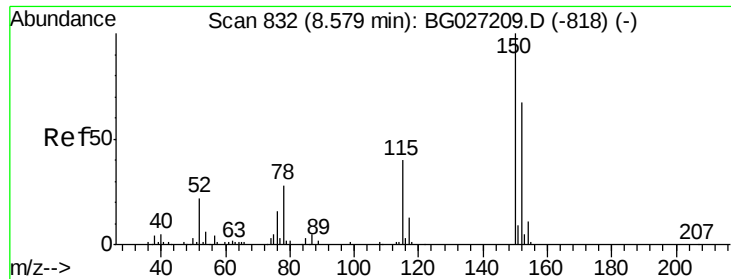
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.565 min Scan# 83

Delta R.T. -0.014 min

Lab File: BG027280.D

Acq: 7 Jun 2017 12:46

Instrument :

BNA_G

ClientSampleId :

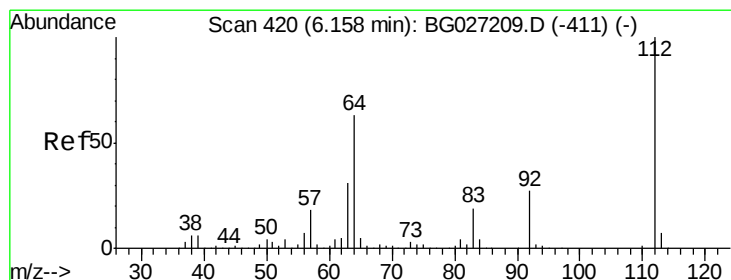
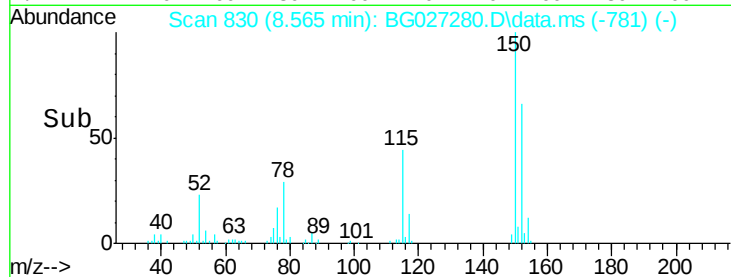
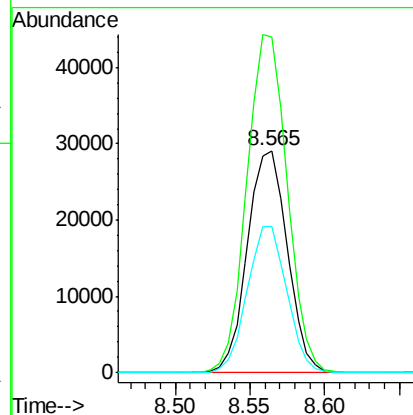
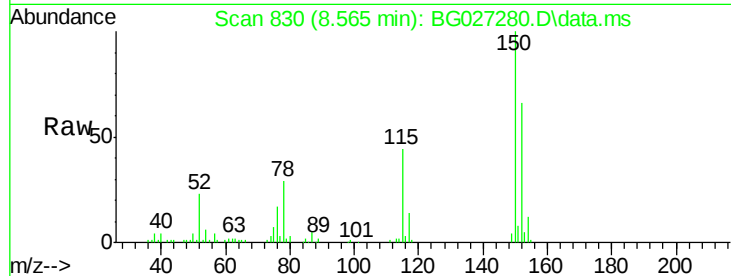
Tot Ion:152 Resp: 53794

Ion Ratio Lower Upper

152 100

150 151.6 114.0 171.0

115 66.0 48.1 72.1



#5

2-Fluorophenol

Concen: 145.42 ng

RT: 6.144 min Scan# 418

Delta R.T. -0.014 min

Lab File: BG027280.D

Acq: 7 Jun 2017 12:46

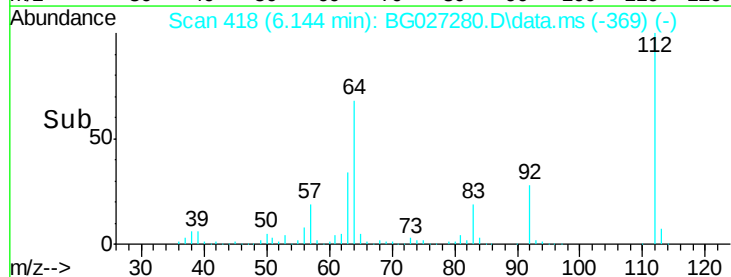
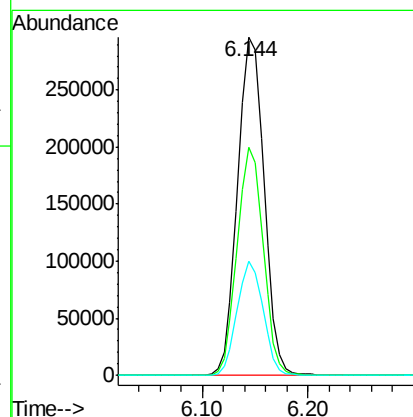
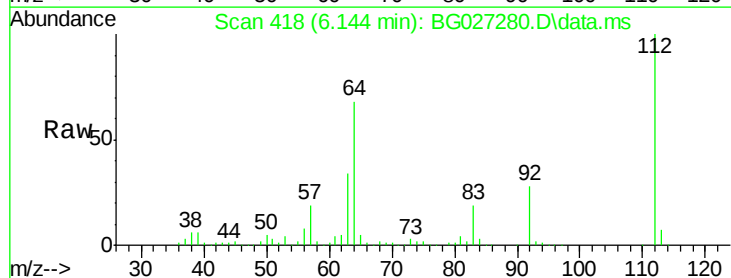
Tgt Ion:112 Resp: 512657

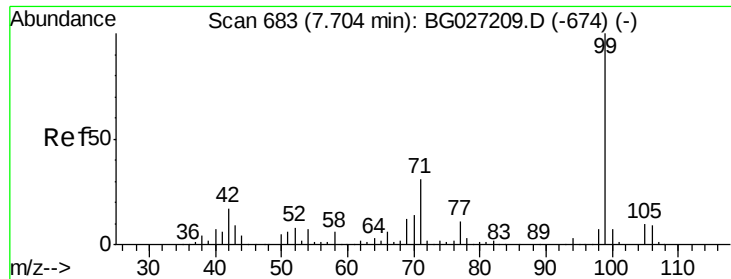
Ion Ratio Lower Upper

112 100

64 67.6 61.8 92.6

63 33.8 37.2 55.8#





#7

Phenol-d6

Concen: 127.76 ng

RT: 7.695 min Scan# 68

Delta R.T. -0.008 min

Lab File: BG027280.D

Acq: 7 Jun 2017 12:46

Instrument :

BNA_G

ClientSampleId :

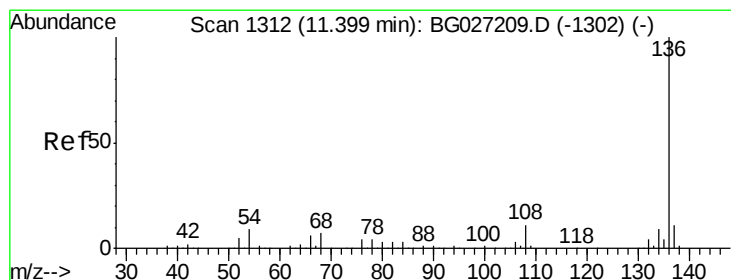
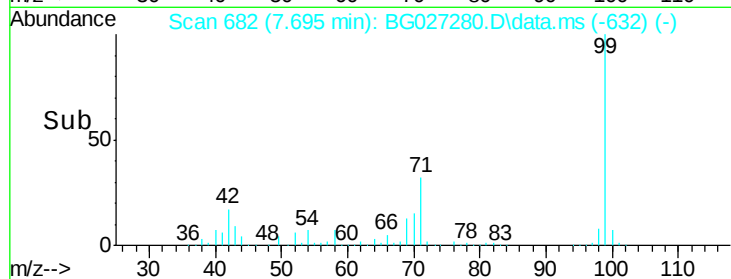
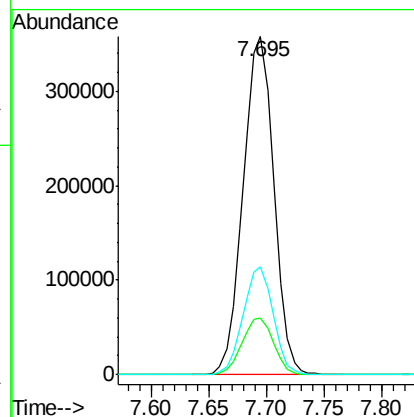
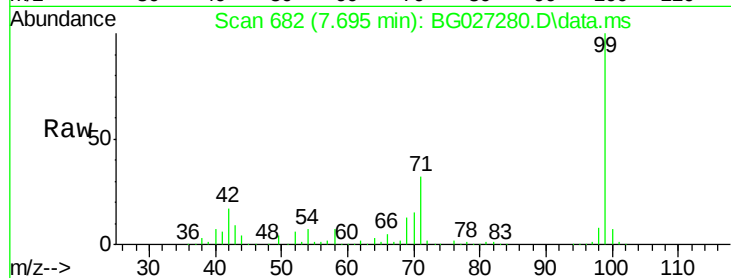
Tot Ion: 99 Resp: 661126

Ion Ratio Lower Upper

99 100

42 16.5 20.5 30.7#

71 32.0 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: BG027280.D

Acq: 7 Jun 2017 12:46

Tgt Ion: 136 Resp: 245047

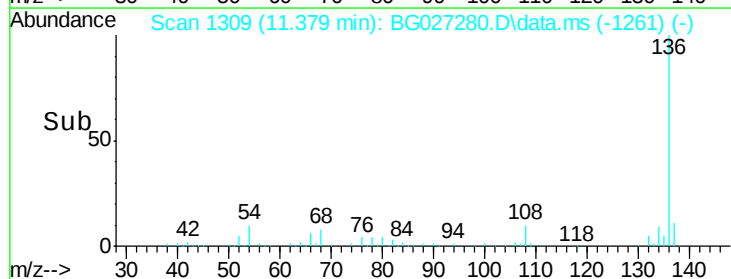
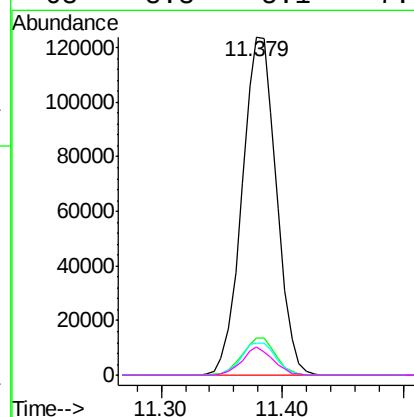
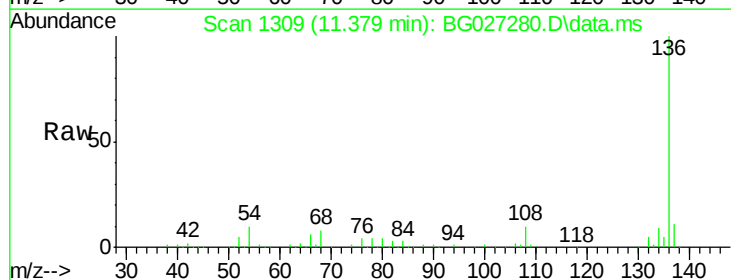
Ion Ratio Lower Upper

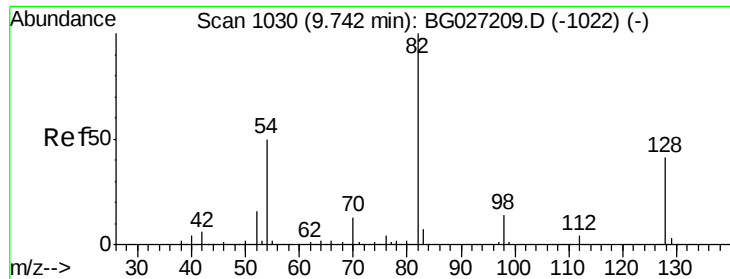
136 100

137 11.1 8.9 13.3

54 9.5 9.3 13.9

68 8.3 5.1 7.7#

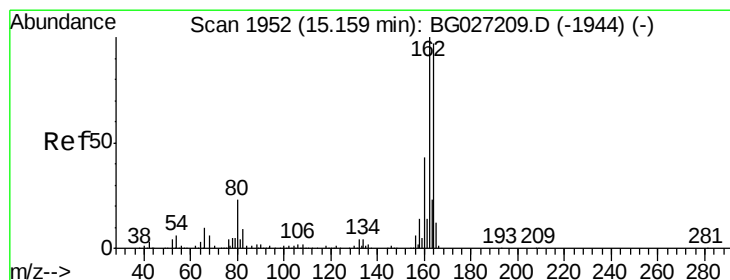
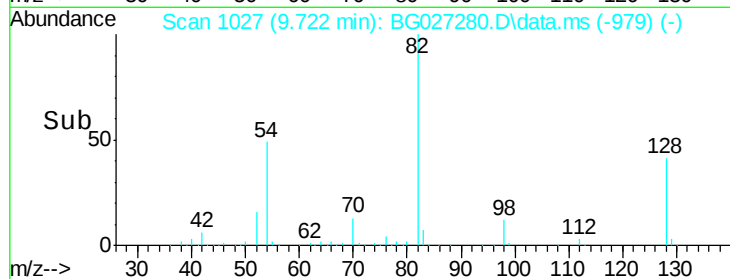
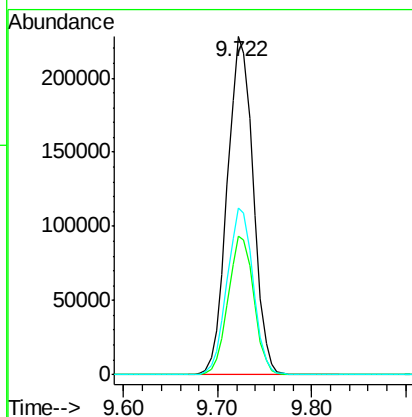
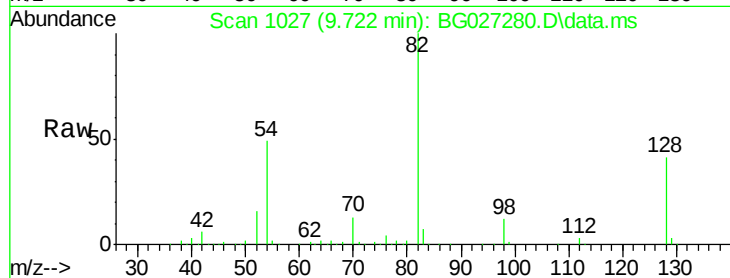




#23
 Nitrobenzene-d5
 Concen: 111.59 ng
 RT: 9.722 min Scan# 10
 Delta R.T. -0.020 min
 Lab File: BG027280.D
 Acq: 7 Jun 2017 12:46

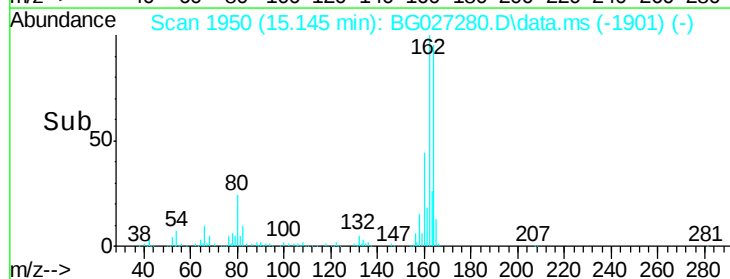
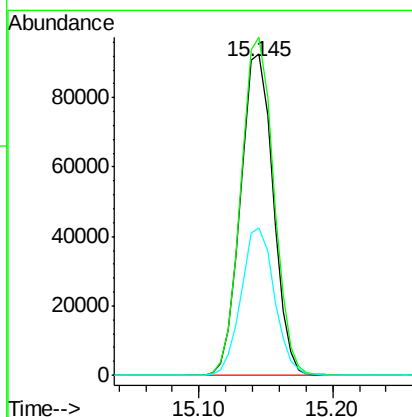
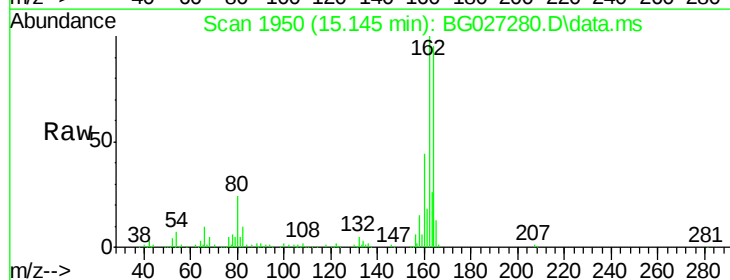
Instrument :
 BNA_G
 ClientSampleId :

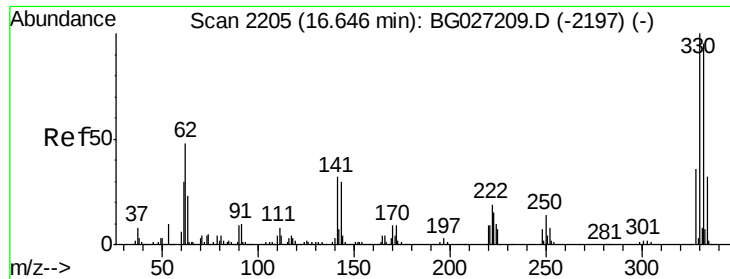
Tot Ion	82	Resp	434801
Ion Ratio	100	Lower	Upper
128	40.8	26.4	39.6
54	49.5	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 15.145 min Scan# 1950
 Delta R.T. -0.014 min
 Lab File: BG027280.D
 Acq: 7 Jun 2017 12:46

Tgt Ion	164	Resp	156263
Ion Ratio	100	Lower	Upper
162	105.0	85.1	127.7
160	46.0	34.7	52.1

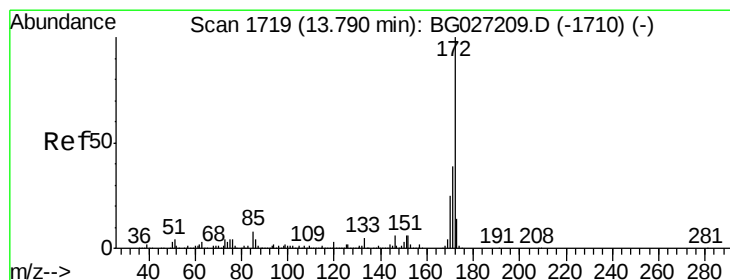
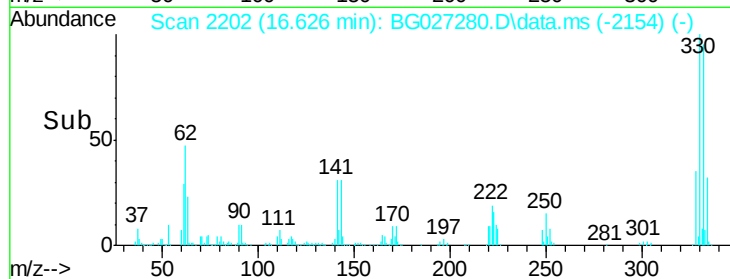
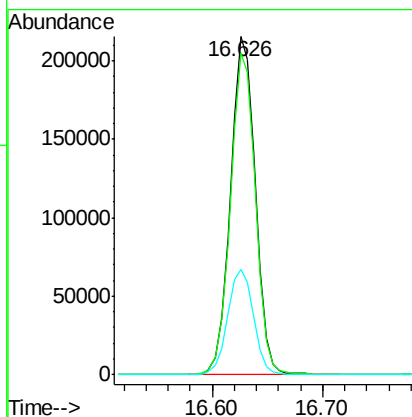
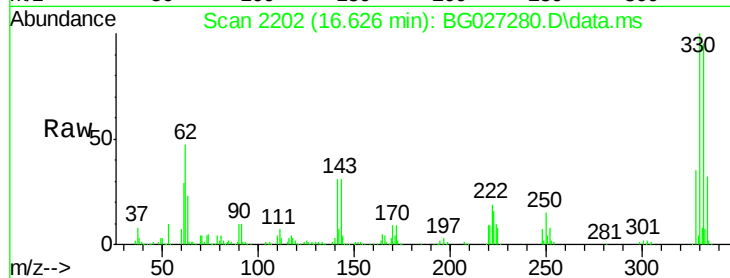




#41
 2,4,6-Tribromophenol
 Concen: 164.93 ng
 RT: 16.626 min Scan# 22
 Delta R.T. -0.020 min
 Lab File: BG027280.D
 Acq: 7 Jun 2017 12:46

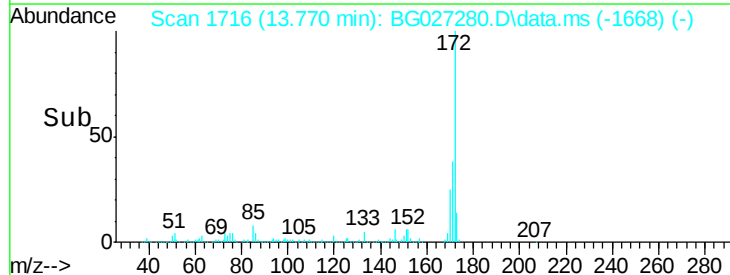
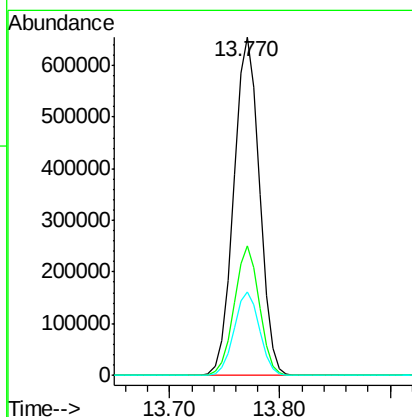
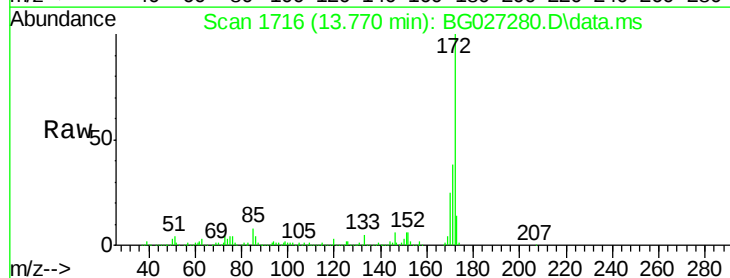
Instrument :
 BNA_G
 ClientSampleId :

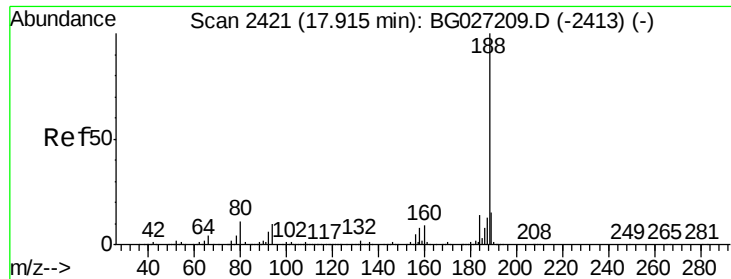
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.8	77.3	115.9
141	32.3	32.1	48.1



#44
 2-Fluorobiphenyl
 Concen: 95.79 ng
 RT: 13.770 min Scan# 1716
 Delta R.T. -0.020 min
 Lab File: BG027280.D
 Acq: 7 Jun 2017 12:46

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.2	32.2	48.2
170	24.8	21.8	32.6

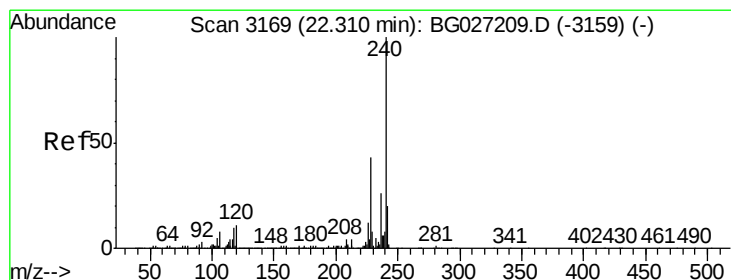
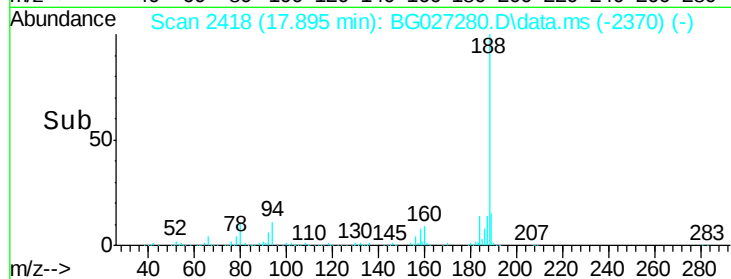
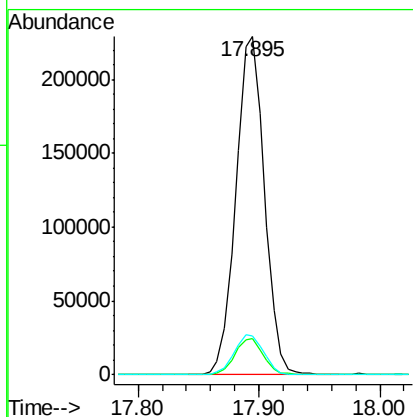
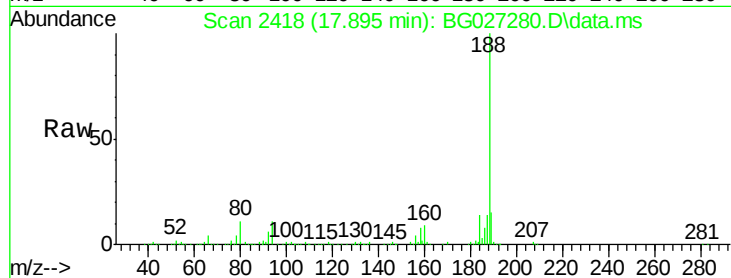




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.895 min Scan# 241
Delta R.T. -0.020 min
Lab File: BG027280.D
Acq: 7 Jun 2017 12:46

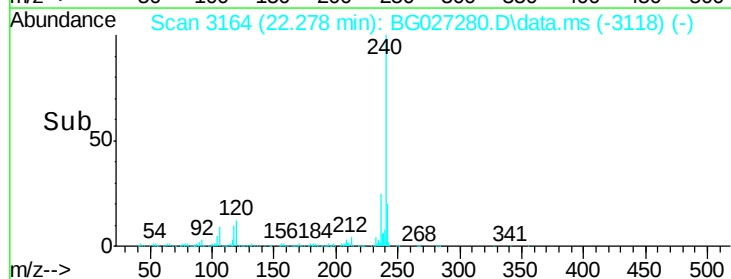
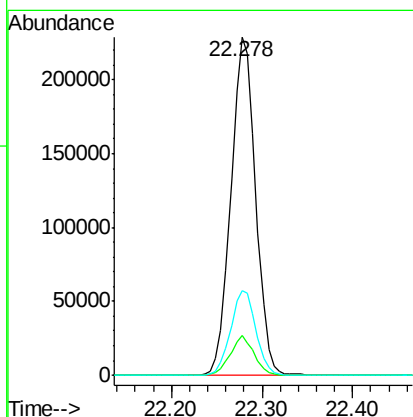
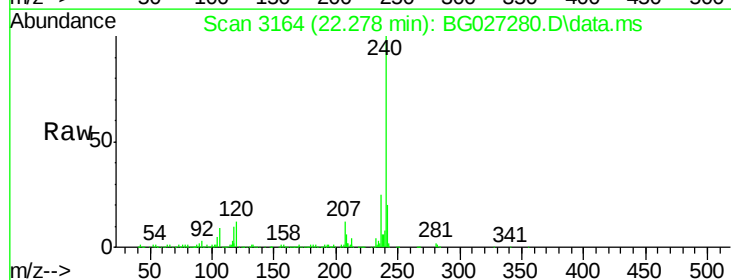
Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 377102
Ion Ratio Lower Upper
188 100
94 10.6 5.8 8.8#
80 11.5 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: BG027280.D
Acq: 7 Jun 2017 12:46

Tgt Ion:240 Resp: 433182
Ion Ratio Lower Upper
240 100
120 11.8 5.7 8.5#
236 25.0 22.2 33.4





#78

Terphenyl-d14

Concen: 101.00 ng

RT: 20.474 min Scan# 28

Delta R.T. -0.020 min

Lab File: BG027280.D

Acq: 7 Jun 2017 12:46

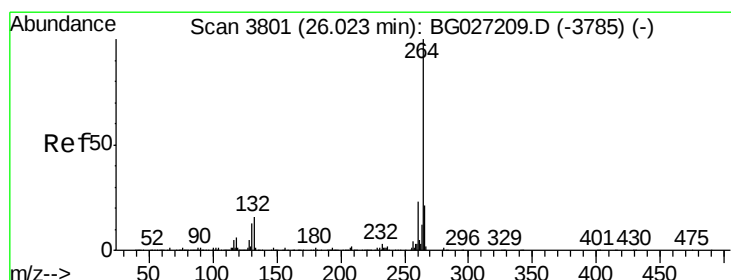
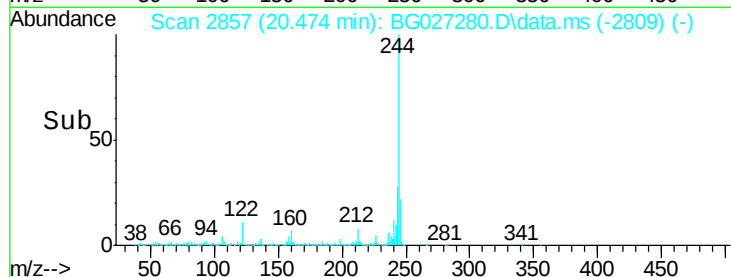
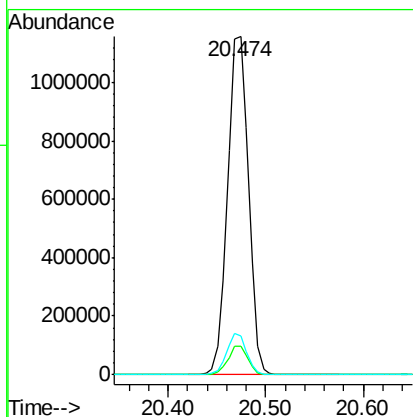
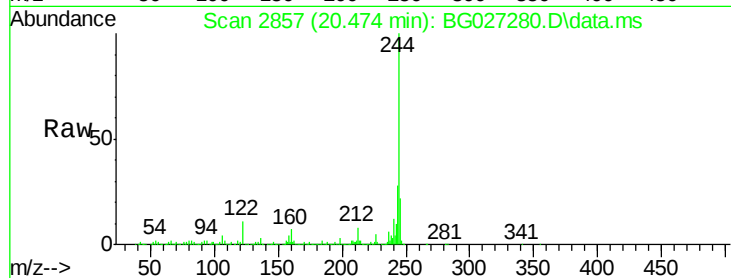
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 1715118

Ion	Ratio	Lower	Upper
244	100		
212	8.3	10.0	15.0#
122	11.4	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: BG027280.D

Acq: 7 Jun 2017 12:46

Tgt Ion:264 Resp: 397649

Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	21.9	18.2	27.4

