

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
 Data File : BG045797.D
 Acq On : 18 Jun 2020 17:39
 Operator : CG/JU
 Sample : L3029-03
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-17.5

Manual Integrations
 APPROVED

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 6/19/2020 12:57:30 PM

Quant Time: Jun 19 05:26:06 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 15 18:34:19 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.92	152	55231	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	196141	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	131910	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	248758	20.00	ng	0.00
76) Chrysene-d12	21.57	240	269800	20.00	ng	0.00
86) Perylene-d12	24.70	264	310545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	429328	131.31	ng	0.00
7) Phenol-d6	7.15	99	602080	121.06	ng	-0.01
23) Nitrobenzene-d5	9.09	82	424345	98.83	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	258485	129.79	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	886921	98.81	ng	0.00
79) Terphenyl-d14	19.94	244	1279490	96.11	ng	0.00
Target Compounds						
31) Naphthalene	10.78	128	87696	8.178	ng	Qvalue # 80
37) 2-Methylnaphthalene	12.39	142	331310	41.491	ng	98
38) 1-Methylnaphthalene	12.61	142	217698m	28.810	ng	
46) 1,1'-Biphenyl	13.40	154	82223	8.706	ng	97
50) Dimethylphthalate	14.03	163	69417	6.717	ng	# 92
52) Acenaphthene	14.64	154	23984	3.238	ng	# 75
58) Fluorene	15.62	166	65866	6.583	ng	# 80
71) Phenanthrene	17.37	178	204696	15.955	ng	# 92
78) Pyrene	19.74	202	87645	4.851	ng	# 92

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

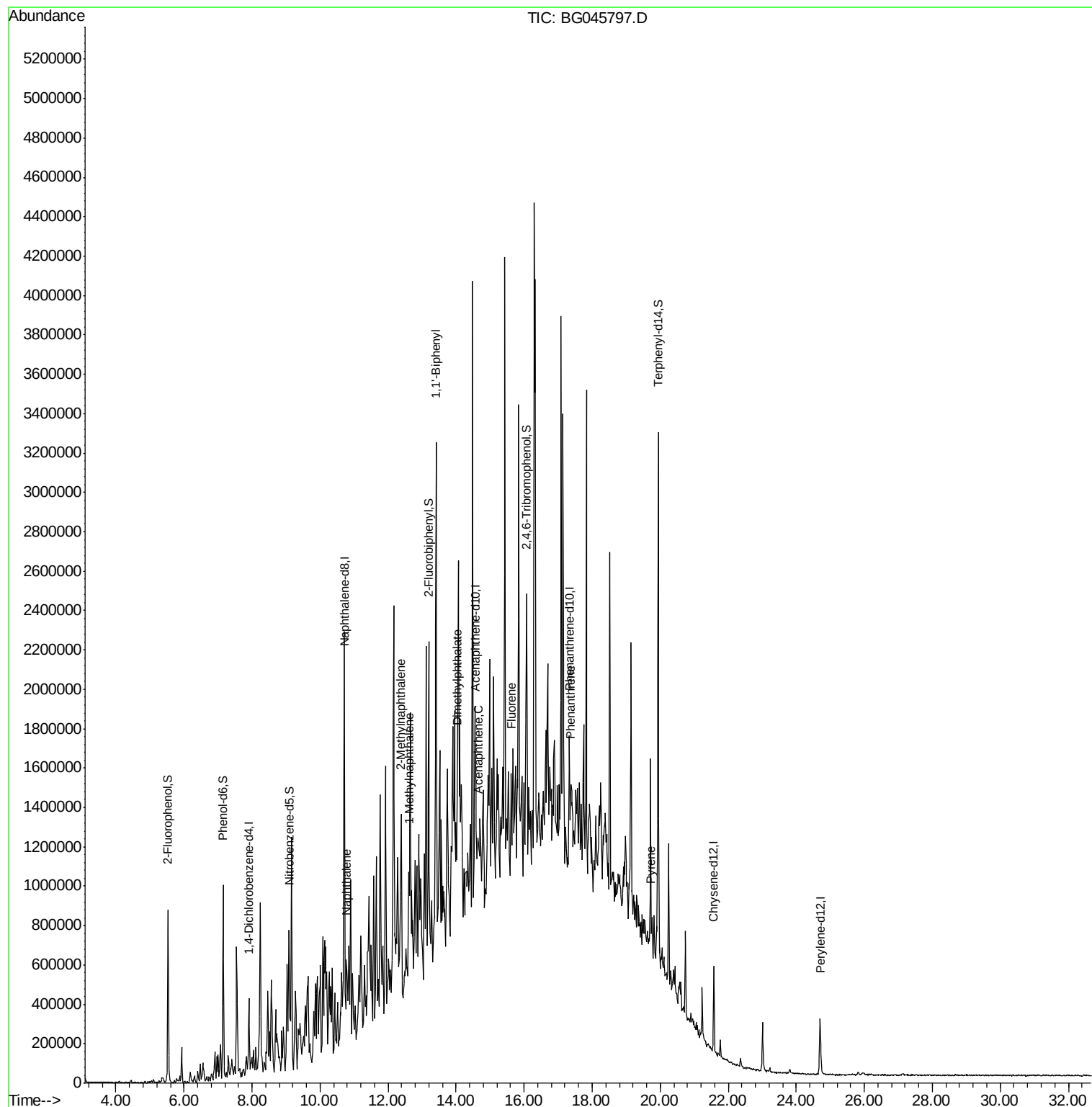
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061820\
Data File : BG045797.D
Acq On : 18 Jun 2020 17:39
Operator : CG/JU
Sample : L3029-03
Misc :
ALS Vial : 4 Sample Multiplier: 1

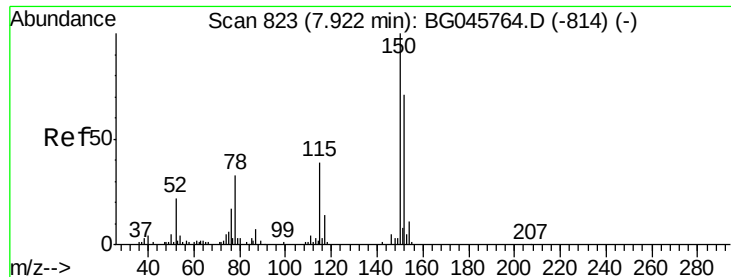
Instrument :
BNA_G
ClientSampleId :
SOUTH-17.5

Manual Integrations
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Quant Time: Jun 19 05:26:06 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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#1

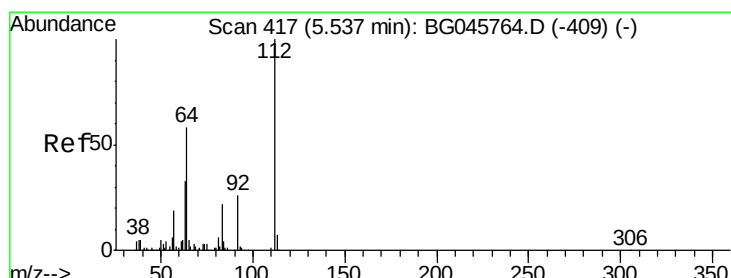
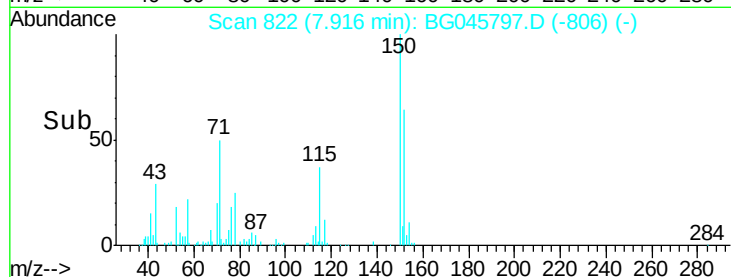
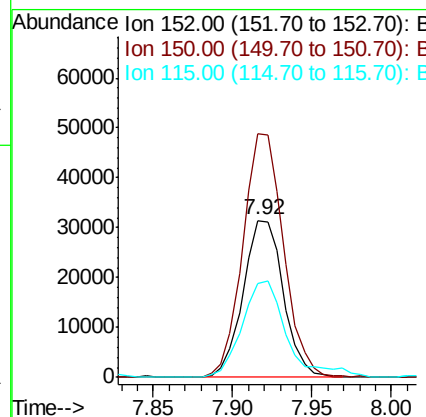
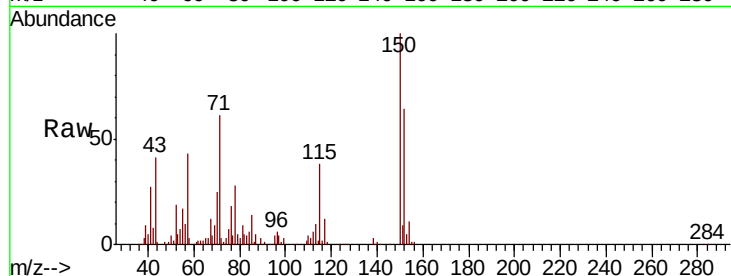
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.01 min
Lab File: BG045797.D
Acq: 18 Jun 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SOUTH-17.5

Tot Ion	Ratio	Lower	Upper
152	100		
150	155.2	113.1	169.7
115	59.7	43.8	65.6

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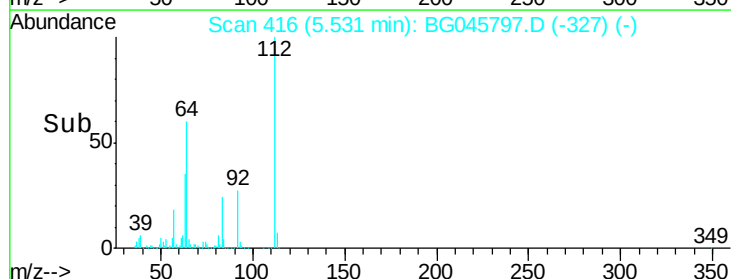
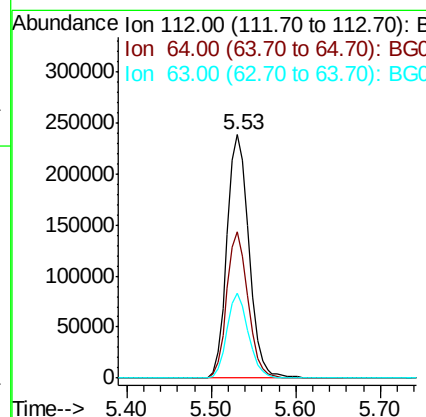
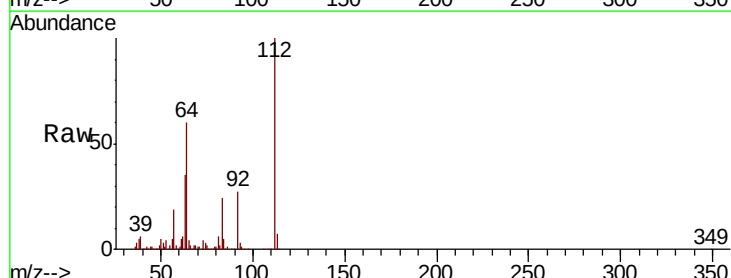
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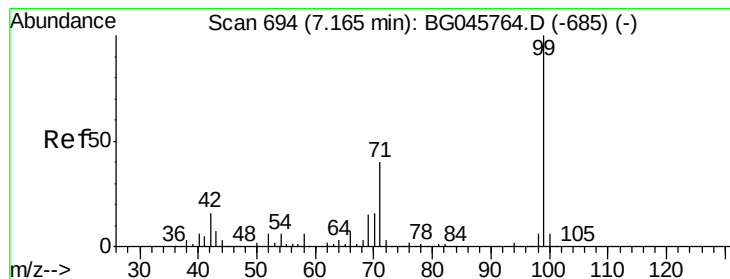


#5

2-Fluorophenol
Concen: 131.310 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045797.D
Acq: 18 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	60.2	46.6	69.8
63	34.8	26.3	39.5





#7

Phenol-d6

Concen: 121.062 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045797.D

Acq: 18 Jun 2020 17:39

Instrument :

BNA_G

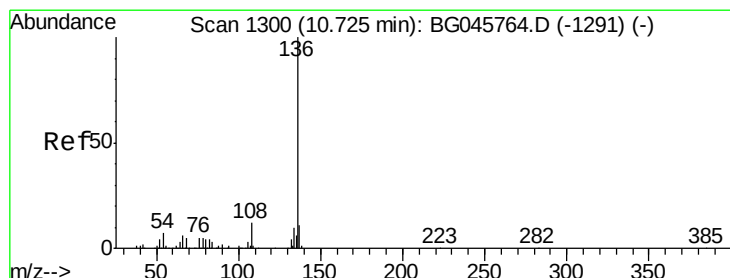
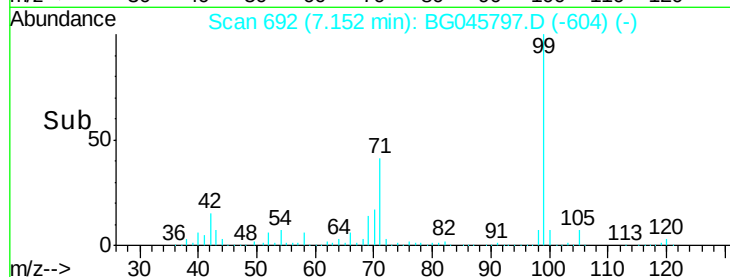
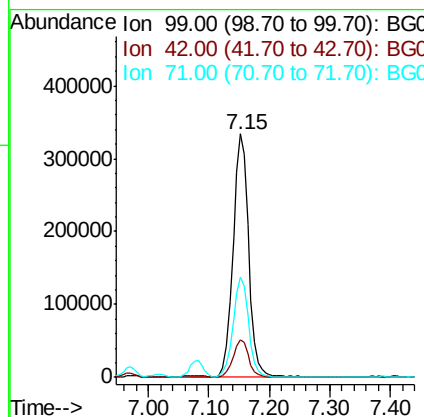
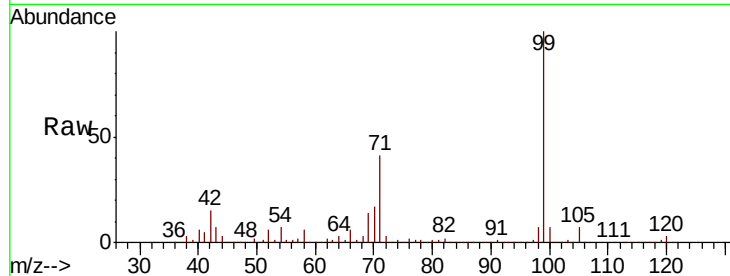
ClientSampleId :

SOUTH-17.5

Tot Ion	Ratio	Resp	Lower	Upper
99	100	602080		
42	15.2		12.4	18.6
71	41.3		32.1	48.1

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#21

Naphthalene-d8

Concen: 20.000 ng

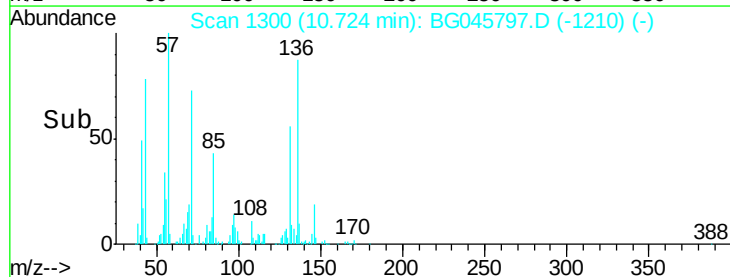
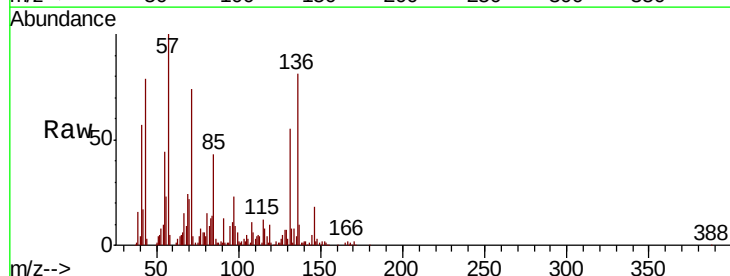
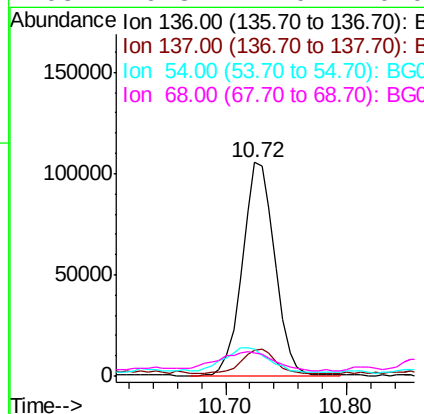
RT: 10.72 min Scan# 1300

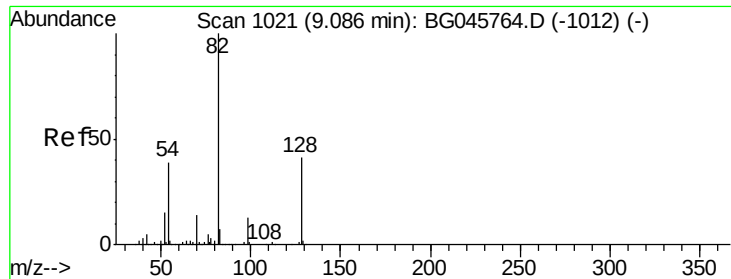
Delta R.T. -0.00 min

Lab File: BG045797.D

Acq: 18 Jun 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	196141		
137	12.0		8.7	13.1
54	12.5		5.8	8.6#
68	10.8		4.0	6.0#





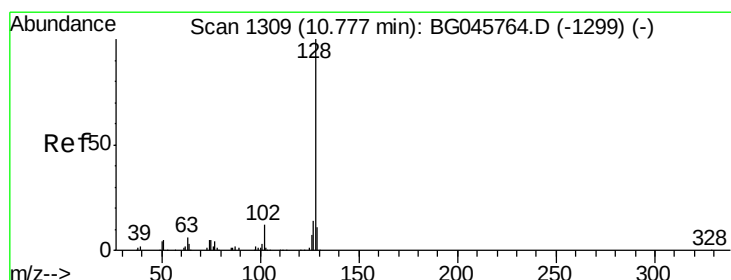
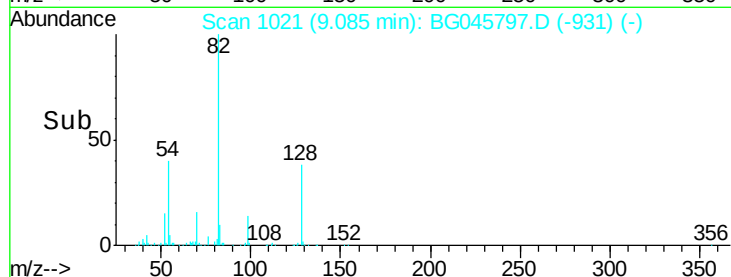
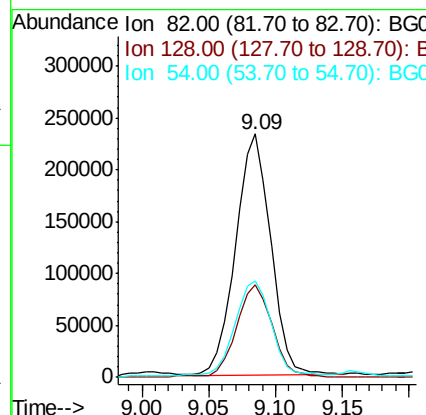
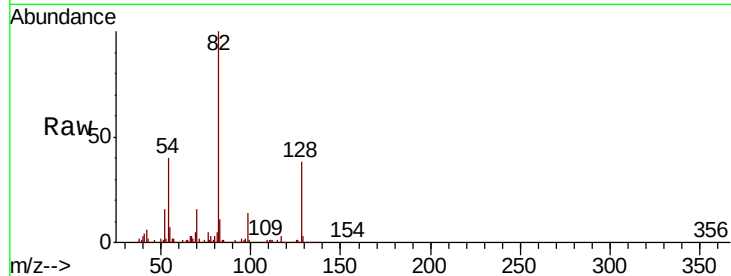
#23
 Nitrobenzene-d5
 Concen: 98.835 ng
 RT: 9.09 min Scan# 1021
 Delta R.T. -0.00 min
 Lab File: BG045797.D
 Acq: 18 Jun 2020 17:39

Instrument :
 BNA_G
 ClientSampleId :
 SOUTH-17.5

Tot Ion	Ratio	Lower	Upper
82	100		
128	38.2	32.5	48.7
54	39.7	31.2	46.8

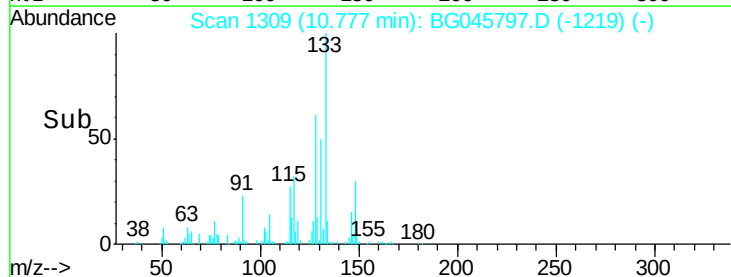
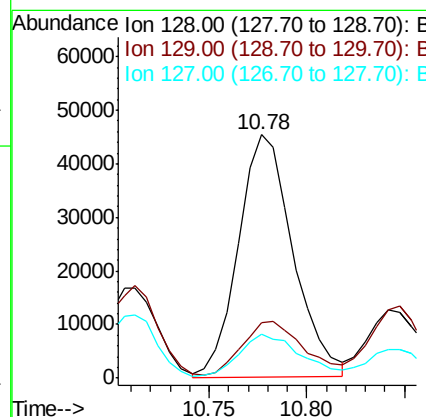
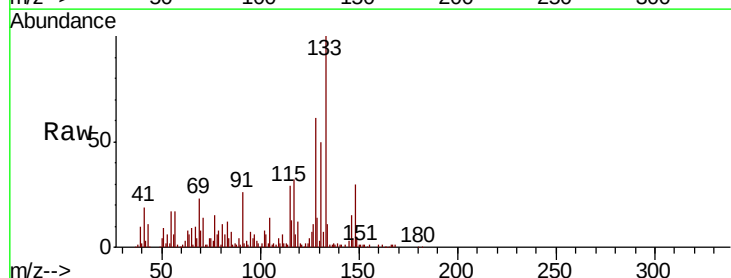
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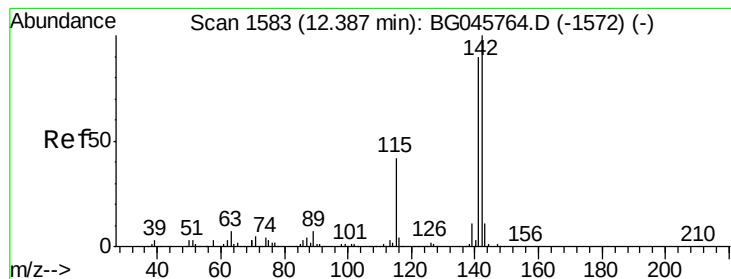
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#31
 Naphthalene
 Concen: 8.178 ng
 RT: 10.78 min Scan# 1309
 Delta R.T. -0.00 min
 Lab File: BG045797.D
 Acq: 18 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
128	100		
129	22.6	8.6	13.0#
127	18.0	10.9	16.3#





#37

2-Methylnaphthalene

Concen: 41.491 ng

RT: 12.39 min Scan# 1584

Delta R.T. 0.01 min

Lab File: BG045797.D

Acq: 18 Jun 2020 17:39

Instrument :

BNA_G

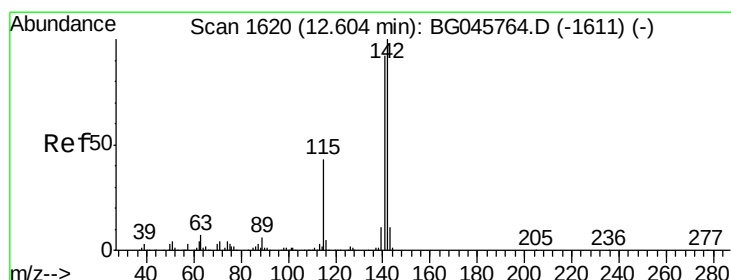
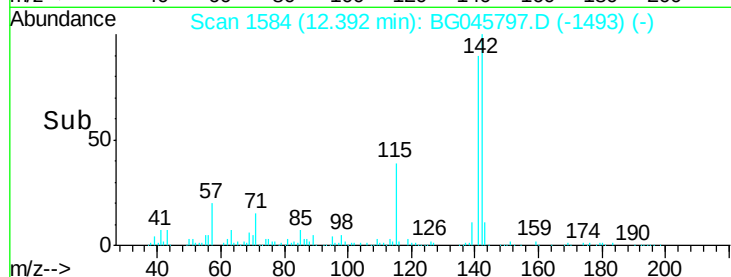
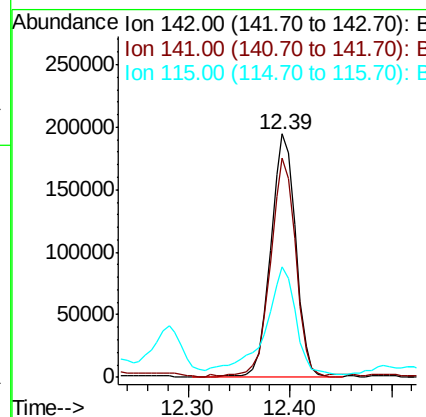
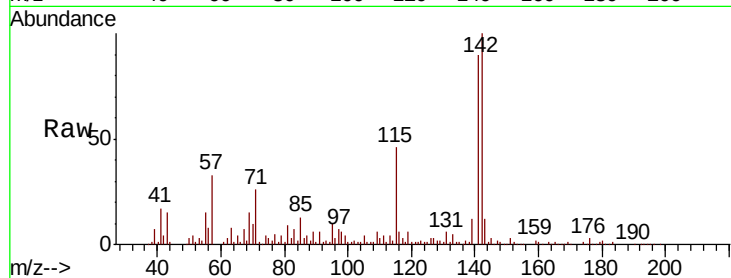
ClientSampleId :

SOUTH-17.5

Tot Ion:	142	Resp:	331310
Ion Ratio	Lower	Upper	
142	100		
141	90.1	71.7	107.5
115	45.6	33.8	50.6

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#38

1-Methylnaphthalene

Concen: 28.810 ng m

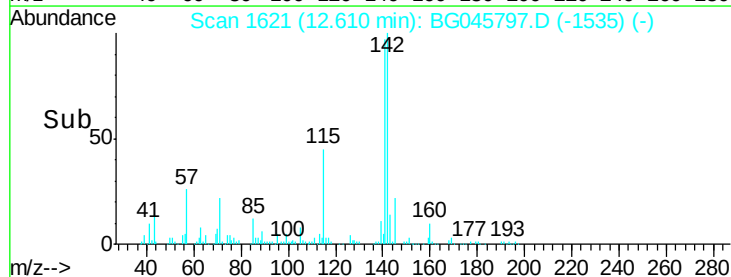
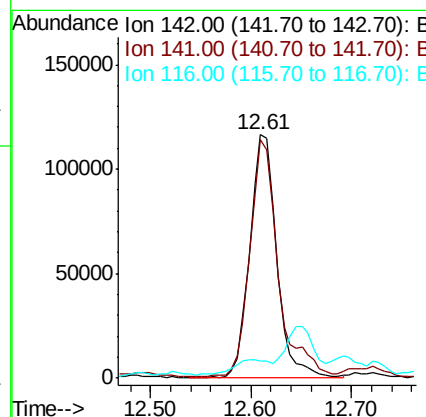
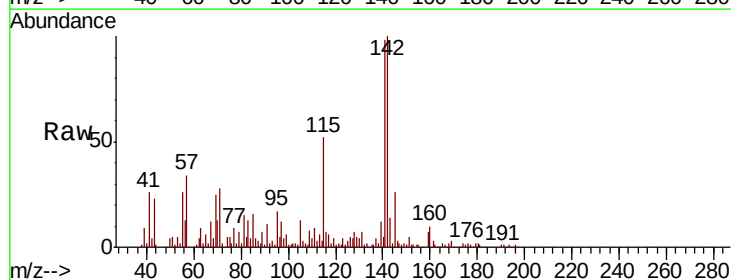
RT: 12.61 min Scan# 1621

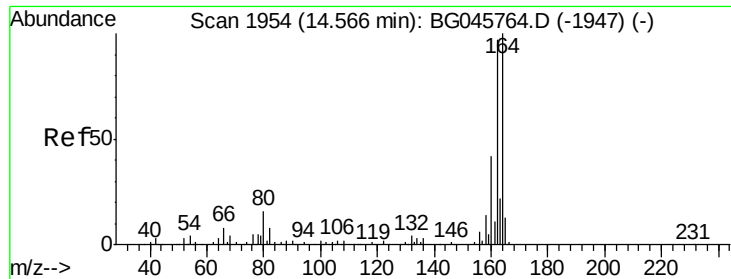
Delta R.T. 0.01 min

Lab File: BG045797.D

Acq: 18 Jun 2020 17:39

Tgt Ion:	142	Resp:	217698
Ion Ratio	Lower	Upper	
142	100		
141	98.0	73.8	110.8
116	7.1	3.8	5.8





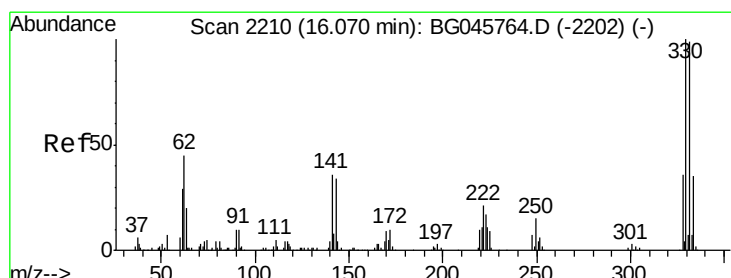
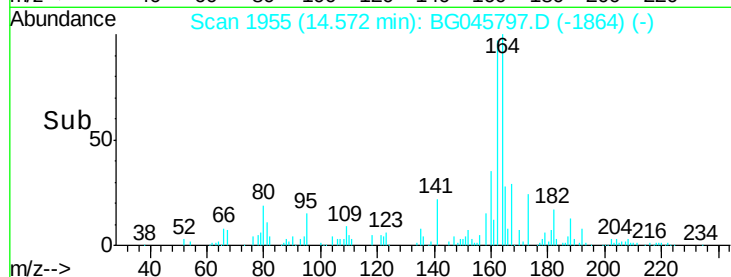
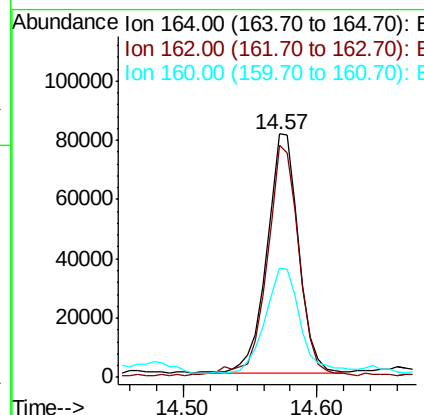
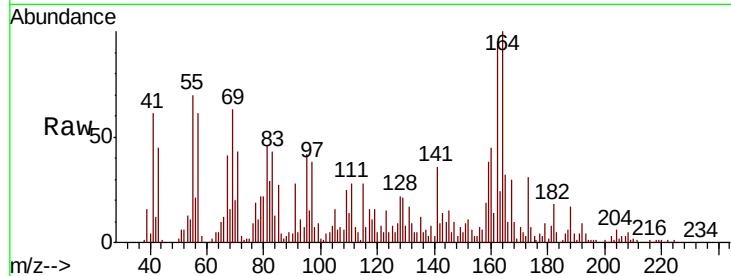
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1955
Delta R.T. 0.01 min
Lab File: BG045797.D
Acq: 18 Jun 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SOUTH-17.5

Tot Ion	Ratio	Lower	Upper
164	100		
162	95.2	77.4	116.0
160	45.0	33.3	49.9

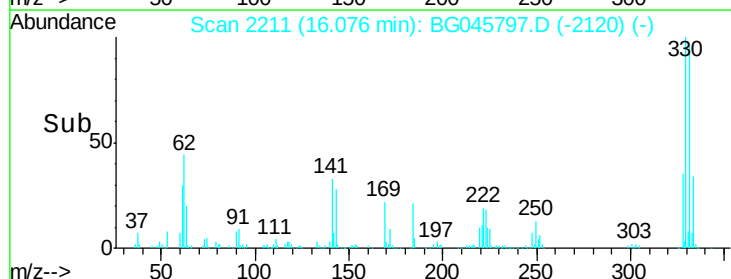
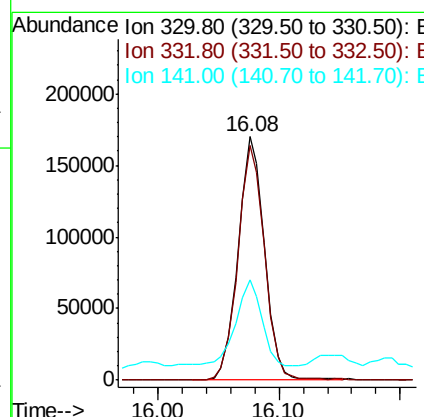
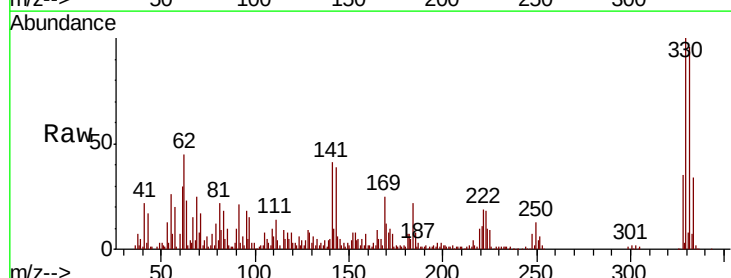
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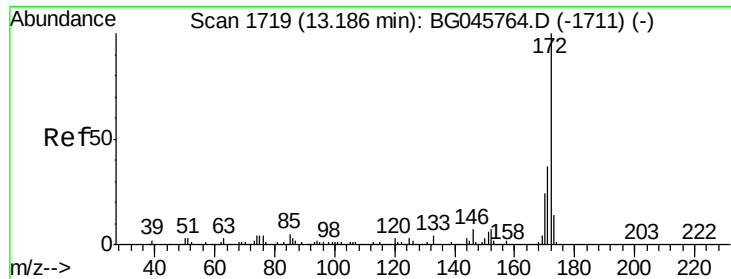
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#42
2,4,6-Tribromophenol
Concen: 129.794 ng
RT: 16.08 min Scan# 2211
Delta R.T. 0.01 min
Lab File: BG045797.D
Acq: 18 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
330	100		
332	97.1	78.6	117.8
141	35.5	28.2	42.4





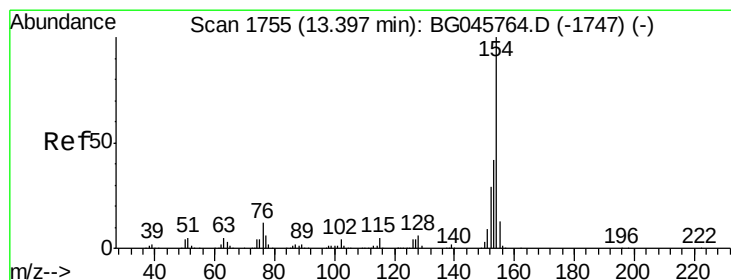
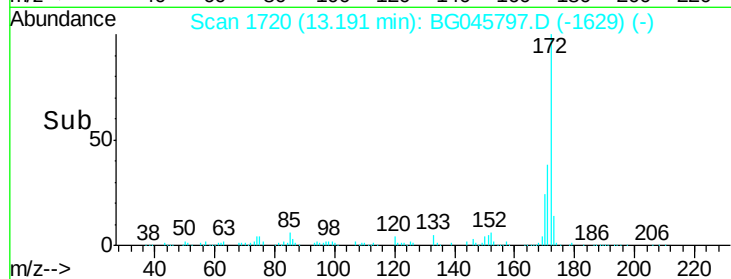
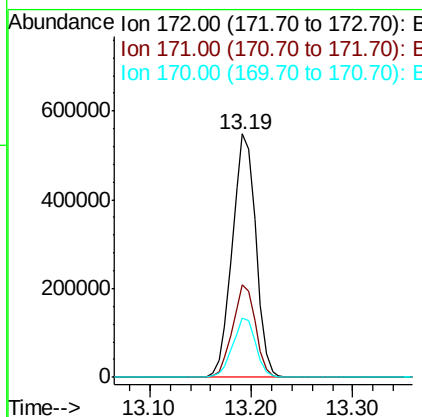
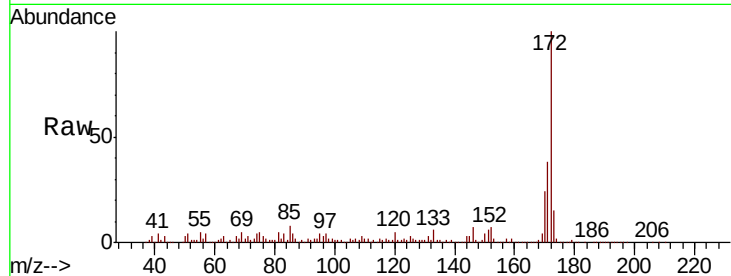
#45
2-Fluorobiphenyl
Concen: 98.808 ng
RT: 13.19 min Scan# 1720
Delta R.T. 0.01 min
Lab File: BG045797.D
Acq: 18 Jun 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SOUTH-17.5

Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	29.9	44.9
170	24.3	19.3	28.9

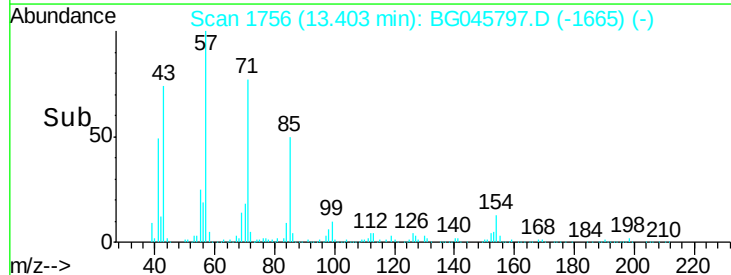
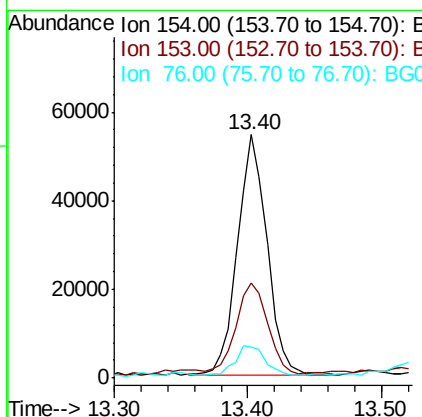
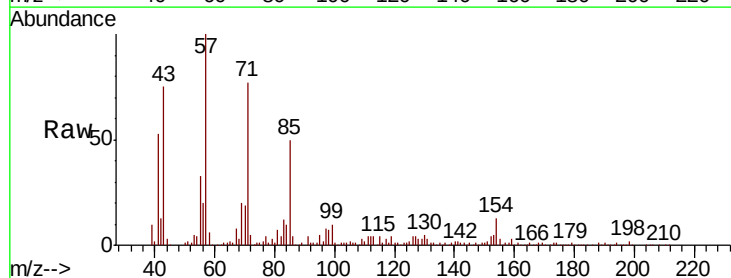
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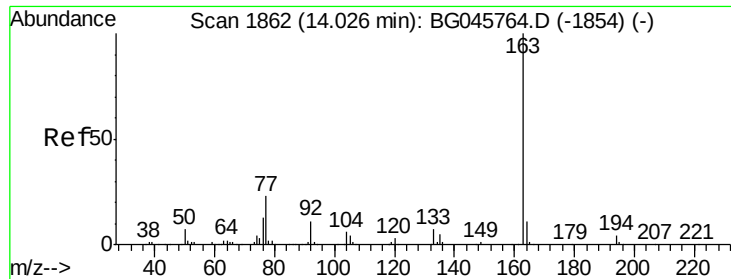
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#46
1,1'-Biphenyl
Concen: 8.706 ng
RT: 13.40 min Scan# 1756
Delta R.T. 0.01 min
Lab File: BG045797.D
Acq: 18 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
154	100		
153	39.3	21.7	61.7
76	12.7	0.0	32.0





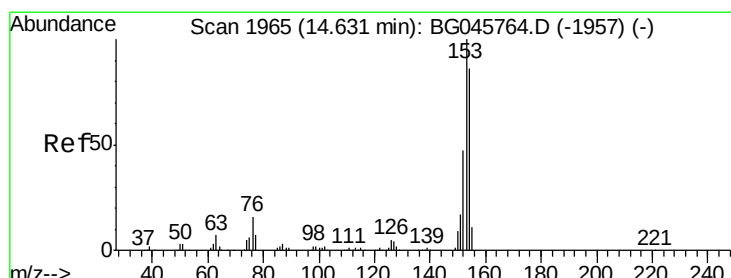
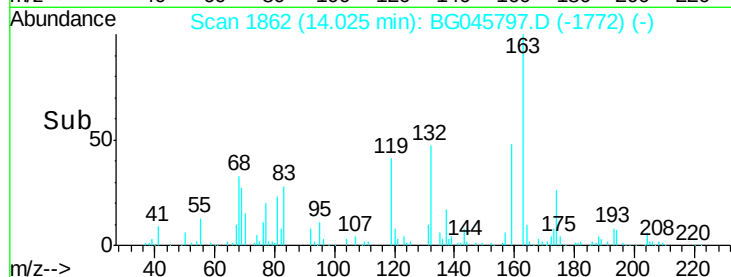
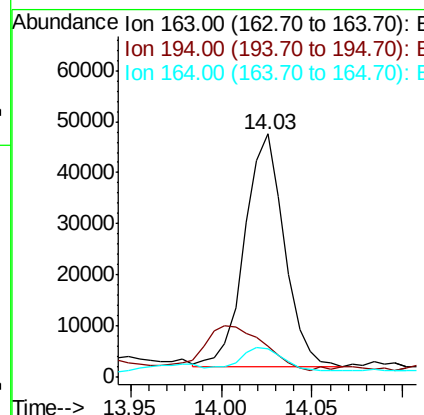
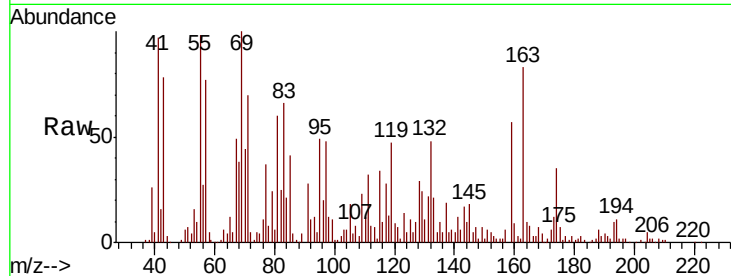
#50
Dimethylphthalate
Concen: 6.717 ng
RT: 14.03 min Scan# 1862
Delta R.T. -0.00 min
Lab File: BG045797.D
Acq: 18 Jun 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SOUTH-17.5

Tot Ion	Ratio	Resp	Lower	Upper
163	100	69417		
194	12.8	3.4	5.0#	
164	11.7	8.9	13.3	

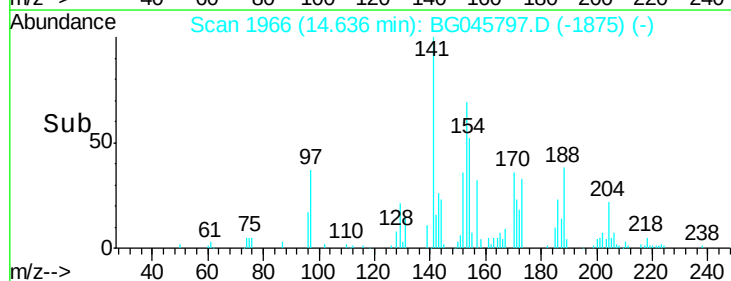
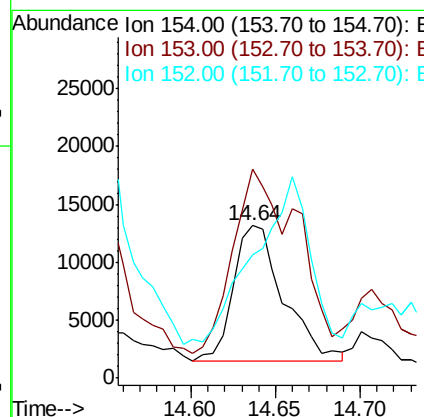
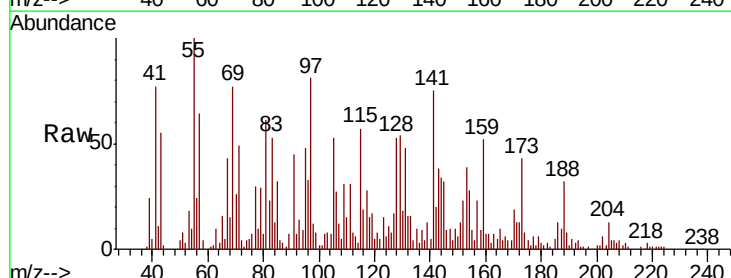
Manual Integrations
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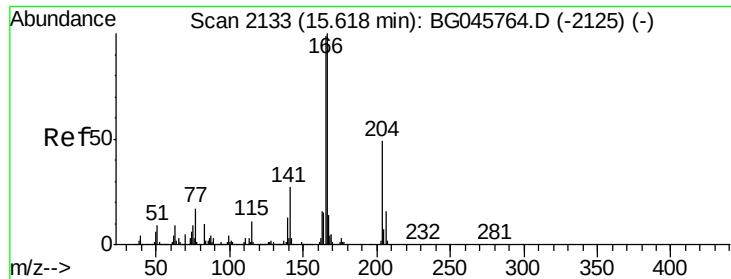
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#52
Acenaphthene
Concen: 3.238 ng
RT: 14.64 min Scan# 1966
Delta R.T. 0.01 min
Lab File: BG045797.D
Acq: 18 Jun 2020 17:39

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	23984		
153	136.9	93.0	139.4	
152	81.3	43.7	65.5#	





#58

Fluorene

Concen: 6.583 ng

RT: 15.62 min Scan# 2134

Delta R.T. 0.01 min

Lab File: BG045797.D

Acq: 18 Jun 2020 17:39

Instrument :

BNA_G

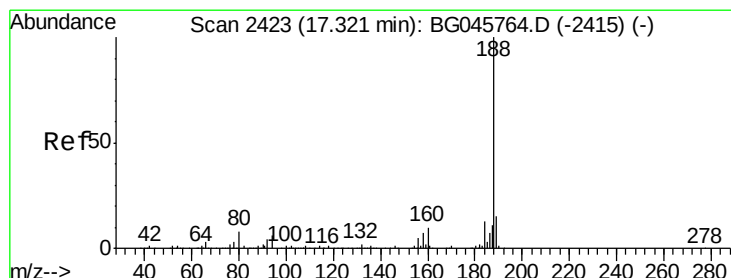
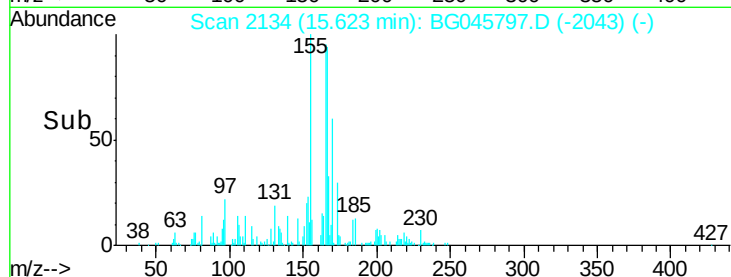
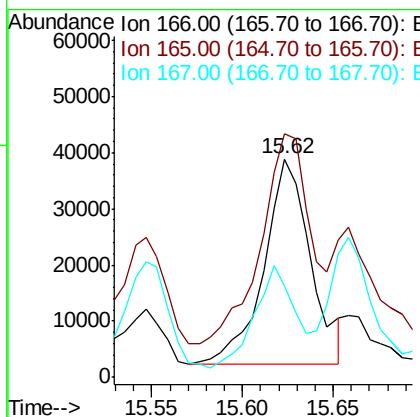
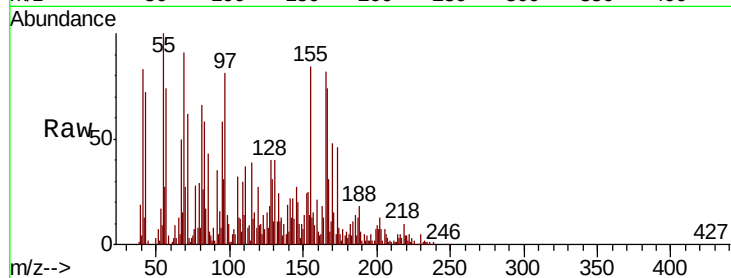
ClientSampleId :

SOUTH-17.5

Tot Ion	Ratio	Lower	Upper
166	100		
165	111.7	79.1	118.7
167	41.7	11.5	17.3#

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#64

Phenanthrene-d10

Concen: 20.000 ng

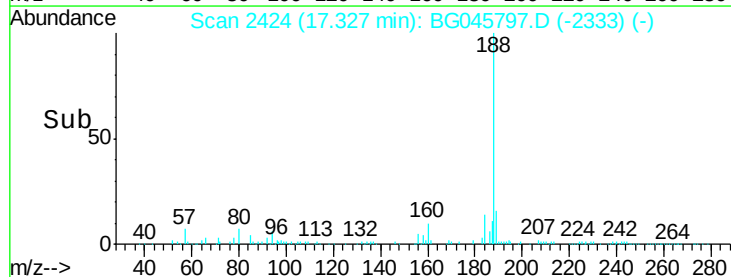
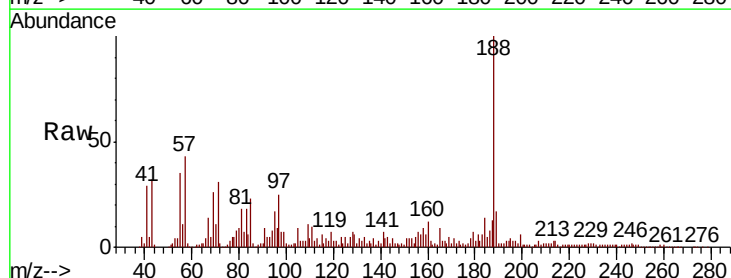
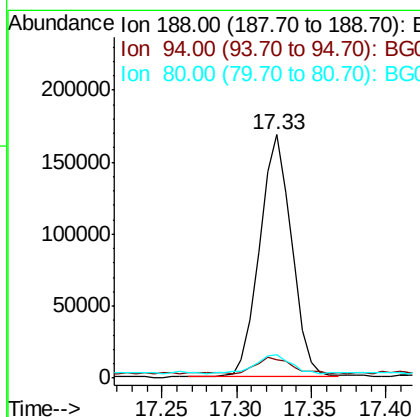
RT: 17.33 min Scan# 2424

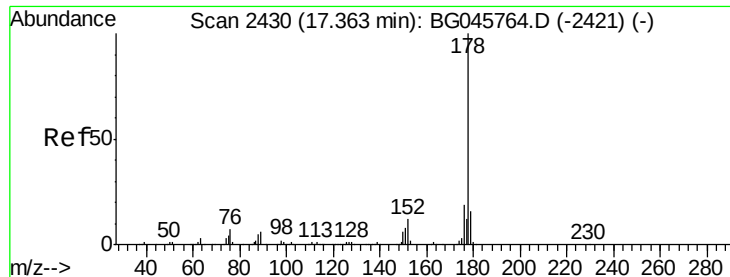
Delta R.T. 0.01 min

Lab File: BG045797.D

Acq: 18 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.7	5.1	7.7#
80	9.4	6.2	9.4#





#71

Phenanthrene

Concen: 15.955 ng

RT: 17.37 min Scan# 2431

Delta R.T. 0.01 min

Lab File: BG045797.D

Acq: 18 Jun 2020 17:39

Instrument :

BNA_G

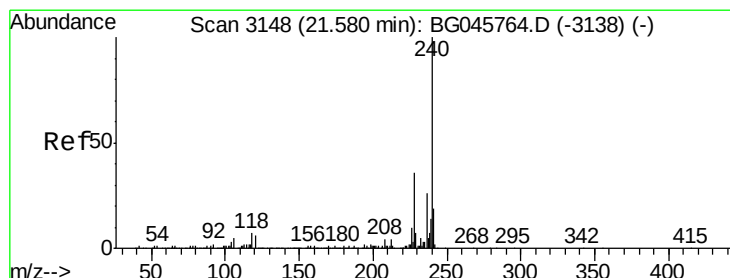
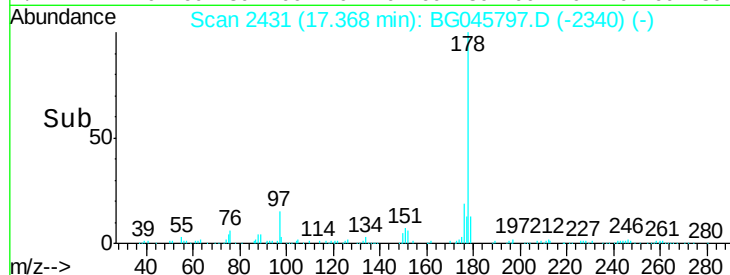
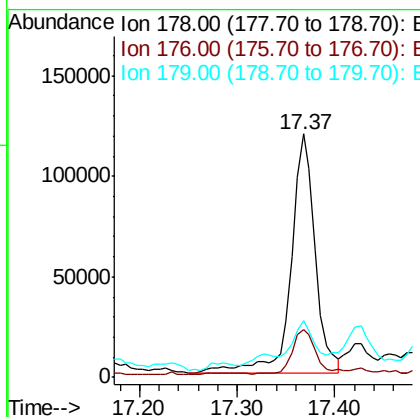
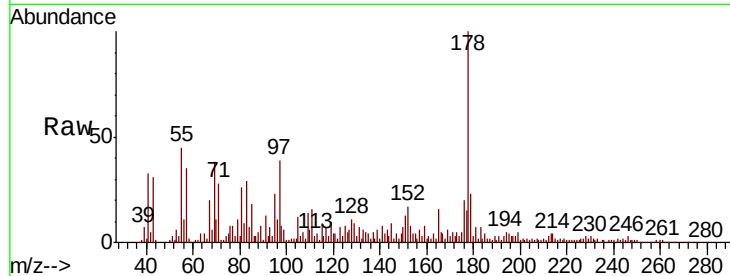
ClientSampleId :

SOUTH-17.5

Tot Ion:	178	Resp:	204696
Ion Ratio	Lower	Upper	
178	100		
176	19.6	15.5	23.3
179	23.3	13.2	19.8

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6/19/2020 12:57:30 PM



#76

Chrysene-d12

Concen: 20.000 ng

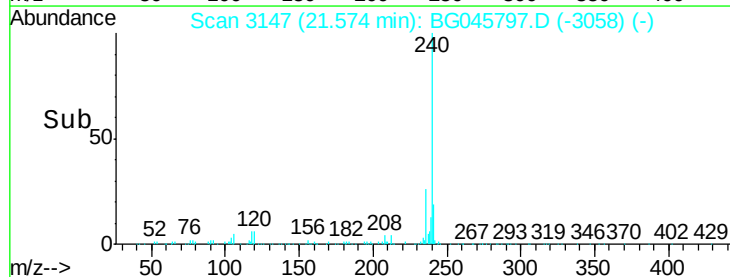
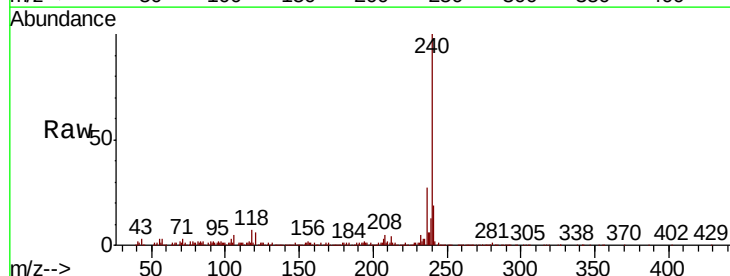
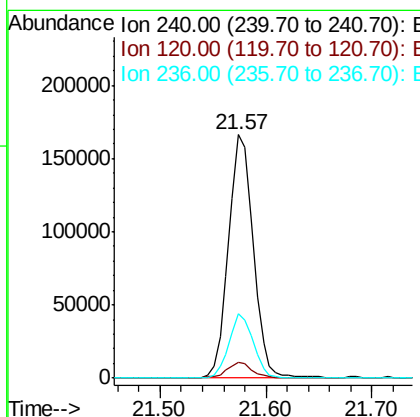
RT: 21.57 min Scan# 3147

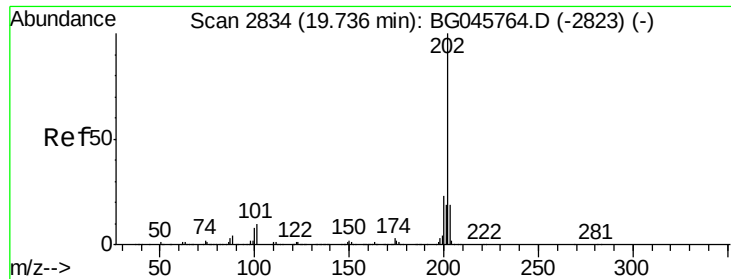
Delta R.T. -0.01 min

Lab File: BG045797.D

Acq: 18 Jun 2020 17:39

Tgt Ion:	240	Resp:	269800
Ion Ratio	Lower	Upper	
240	100		
120	6.3	5.0	7.4
236	26.5	20.6	30.8





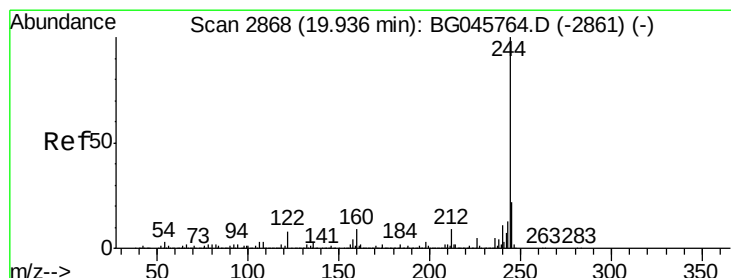
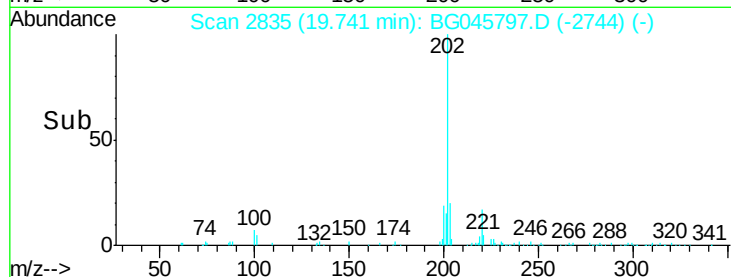
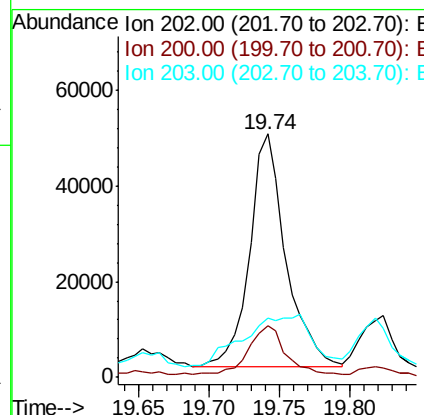
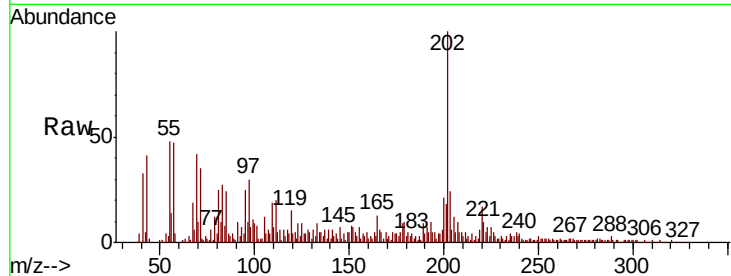
#78
Pvrene
Concen: 4.851 ng
RT: 19.74 min Scan# 2835
Delta R.T. 0.01 min
Lab File: BG045797.D
Acq: 18 Jun 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SOUTH-17.5

Tot Ion	Ratio	Lower	Upper
202	100		
200	21.4	18.2	27.2
203	24.5	14.8	22.2

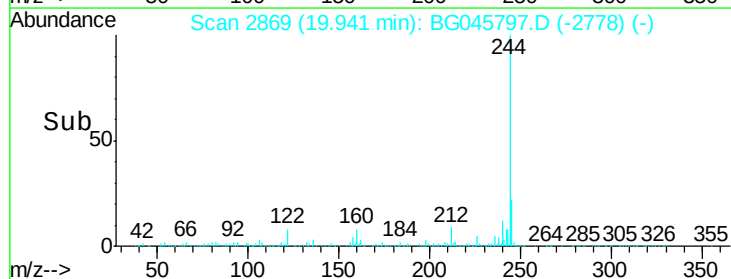
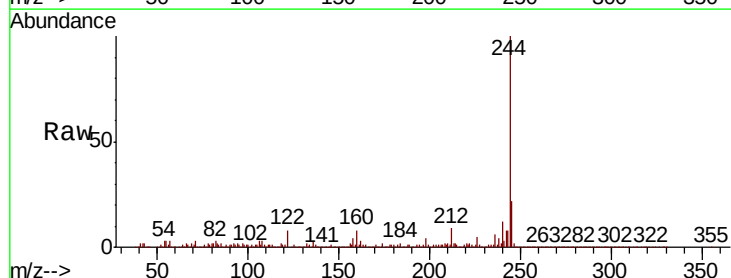
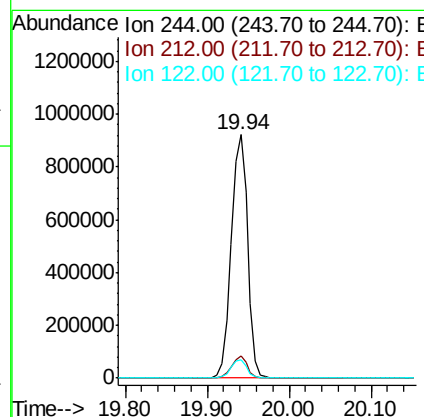
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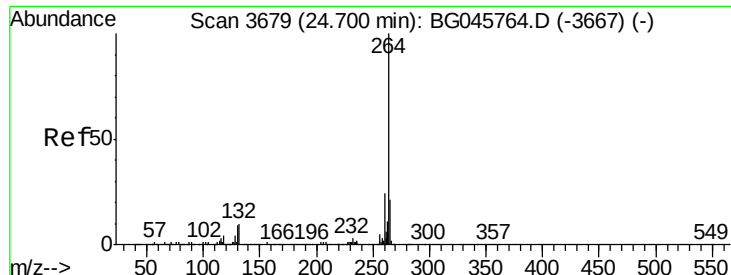
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#79
Terphenyl-d14
Concen: 96.109 ng
RT: 19.94 min Scan# 2869
Delta R.T. 0.01 min
Lab File: BG045797.D
Acq: 18 Jun 2020 17:39

Tgt Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.2	10.8
122	7.8	6.4	9.6





#86
Pervlene-d12
Concen: 20.000 ng
RT: 24.70 min Scan# 3679
Delta R.T. -0.00 min
Lab File: BG045797.D
Acq: 18 Jun 2020 17:39

Instrument :
BNA_G
ClientSampleId :
SOUTH-17.5

Tot Ion:	264	Resp:	310545
Ion Ratio	Lower	Upper	
264	100		
260	24.4	19.0	28.4
265	21.8	17.4	26.0

Manual Integrations
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