

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045701.D
 Acq On : 10 Jun 2020 21:18
 Operator : CG/JU
 Sample : L2948-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SYNERTECH

Manual Integrations
 APPROVED

mohammad
 6/11/2020 1:48:09 PM

Quant Time: Jun 11 01:15:33 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 01 15:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	76432	20.00	ng	0.00
21) Naphthalene-d8	10.75	136	277067	20.00	ng	0.00
39) Acenaphthene-d10	14.59	164	193521	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	411719	20.00	ng	0.00
76) Chrysene-d12	21.60	240	397639	20.00	ng	0.00
87) Perylene-d12	24.74	264	334468	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	377349	96.48	ng	0.00
7) Phenol-d6	7.14	99	525156	94.34	ng	0.00
23) Nitrobenzene-d5	9.11	82	373790	73.57	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	226908	91.68	ng	0.00
45) 2-Fluorobiphenyl	13.21	172	801774	70.28	ng	0.00
79) Terphenyl-d14	19.95	244	1141986	66.98	ng	0.00
Target Compounds						
9) Benzaldehyde	7.08	77	404400	111.506	ng	96
10) Phenol	7.17	94	27155	4.733	ng	98
22) Acetophenone	8.77	105	35242	5.367	ng	# 97
32) Benzoic acid	10.68	122	5246244m	1777.083	ng	
46) 1,1'-Biphenyl	13.42	154	311982	26.237	ng	96
50) Dimethylphthalate	14.04	163	57814	4.355	ng	99

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

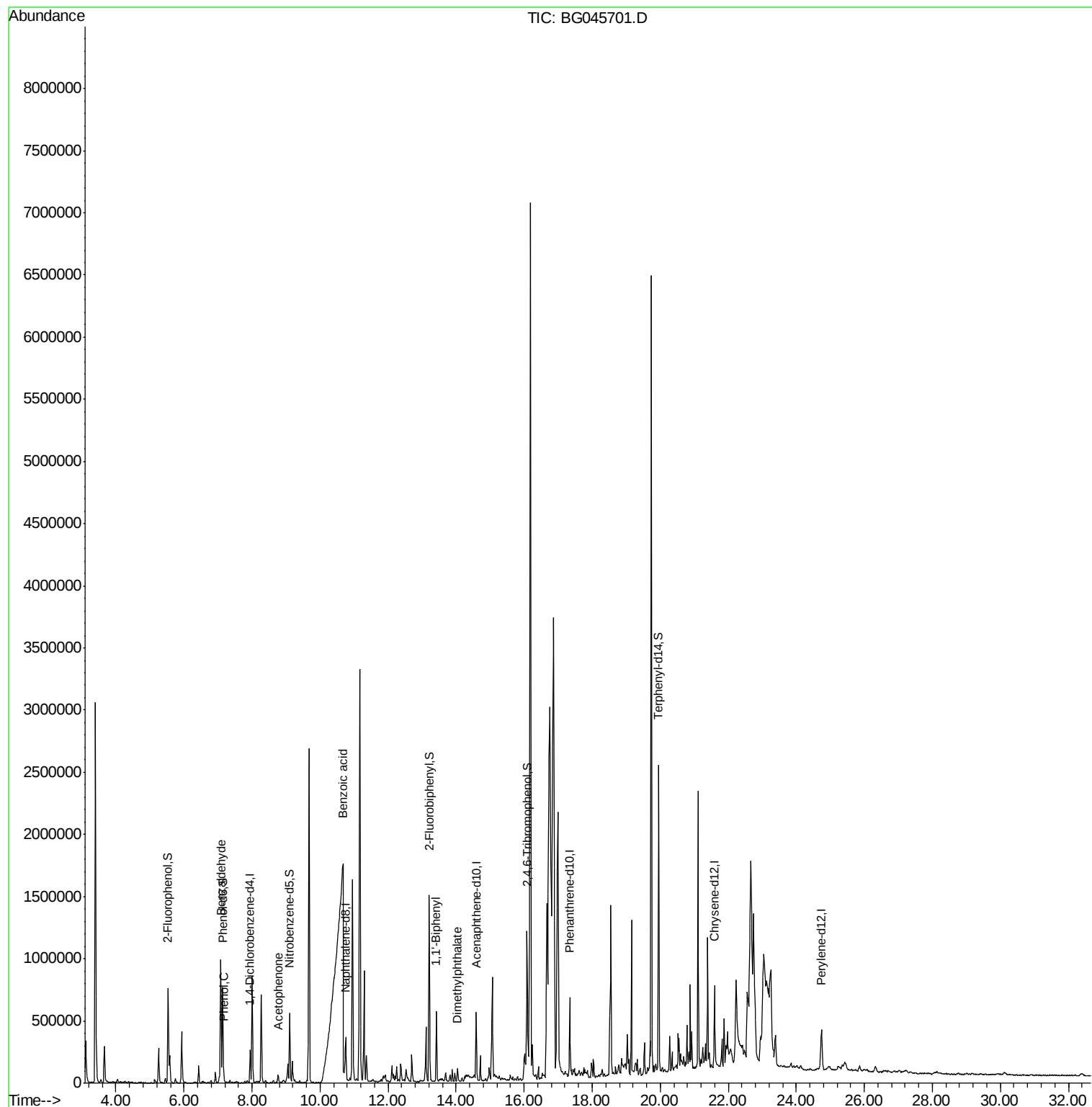
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
Data File : BG045701.D
Acq On : 10 Jun 2020 21:18
Operator : CG/JU
Sample : L2948-01
Misc :
ALS Vial : 16 Sample Multiplier: 1

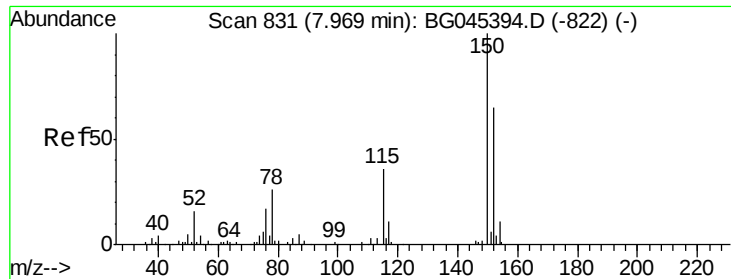
Instrument :
BNA_G
ClientSampleId :
SYNERTECH

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Quant Time: Jun 11 01:15:33 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

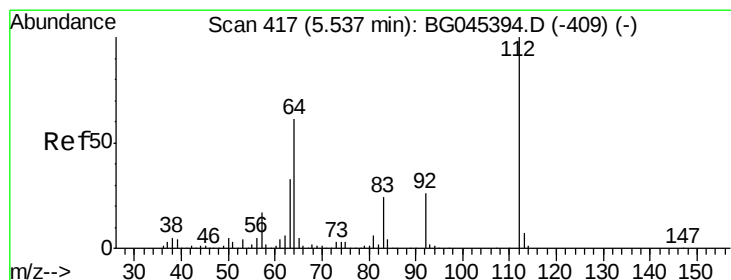
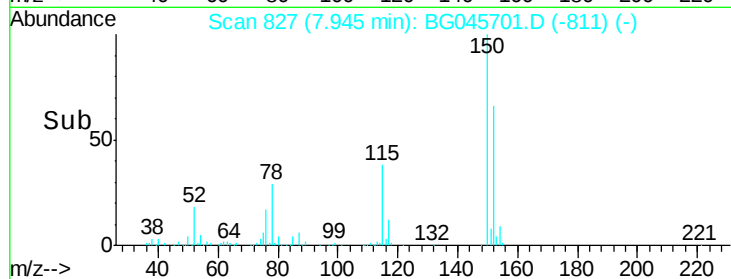
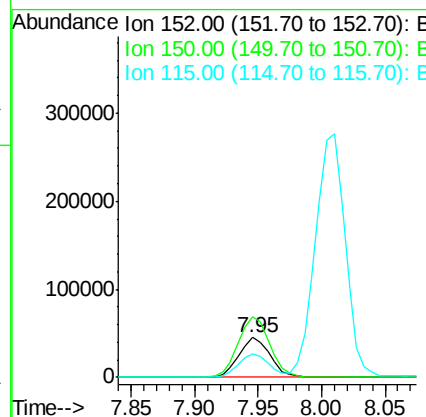
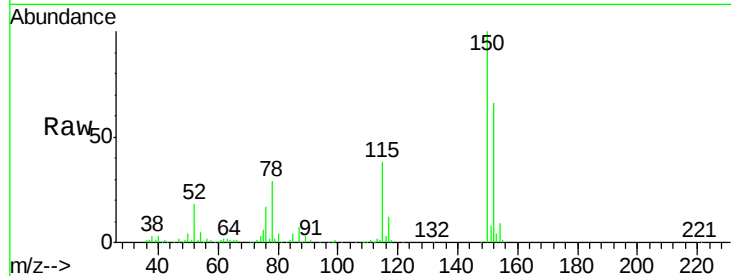
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045701.D
Acq: 10 Jun 2020 21:18

Instrument :
BNA_G
ClientSampleId :
SYNERTECH

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.8	122.4	183.6
115	57.7	44.2	66.4

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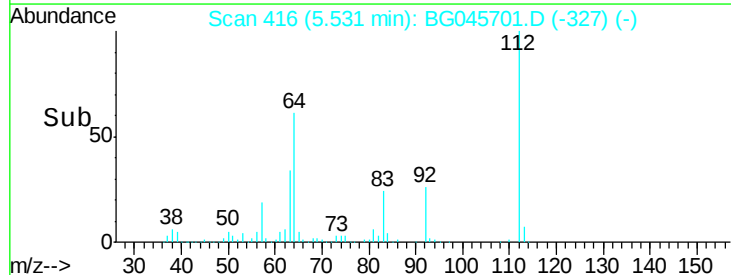
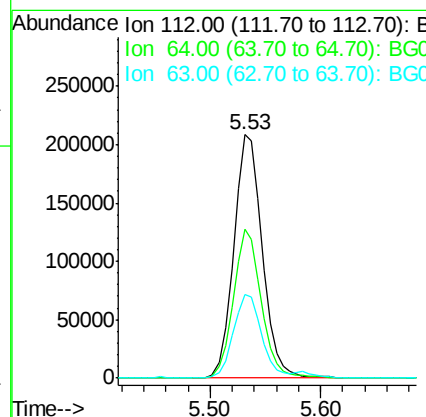
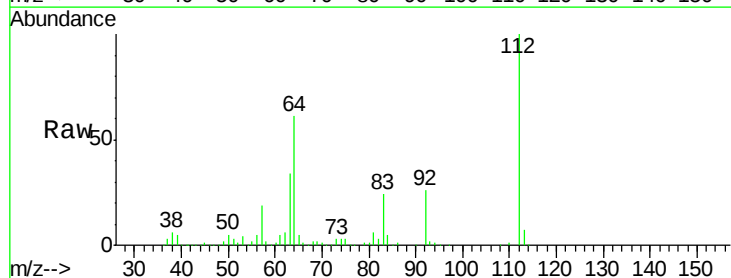
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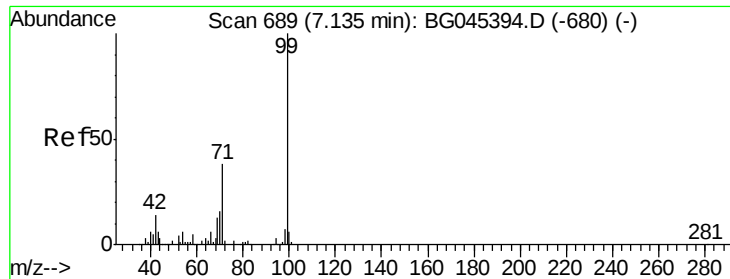


#5

2-Fluorophenol
Concen: 96.485 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.01 min
Lab File: BG045701.D
Acq: 10 Jun 2020 21:18

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.0	48.6	72.8
63	34.5	26.5	39.7





#7

Phenol-d6

Concen: 94.342 ng

RT: 7.14 min Scan# 690

Delta R.T. -0.01 min

Lab File: BG045701.D

Acq: 10 Jun 2020 21:18

Instrument :

BNA_G

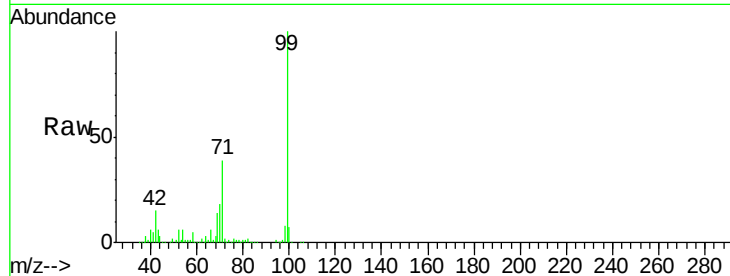
ClientSampleId :

SYNERTECH

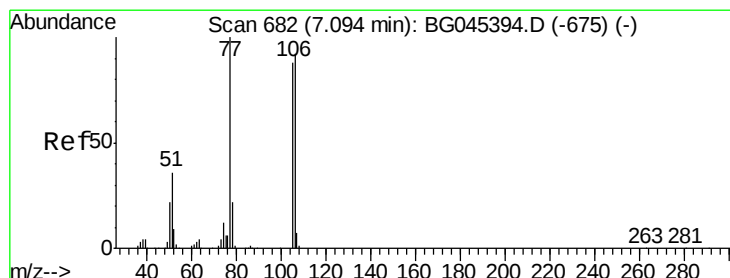
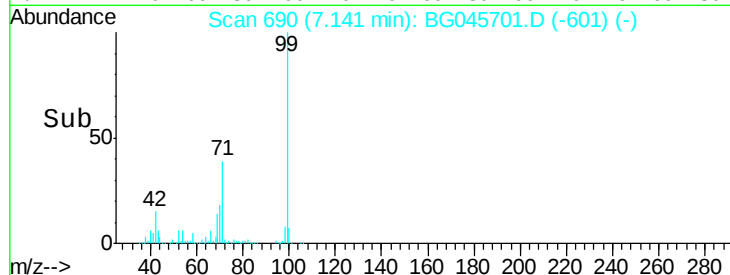
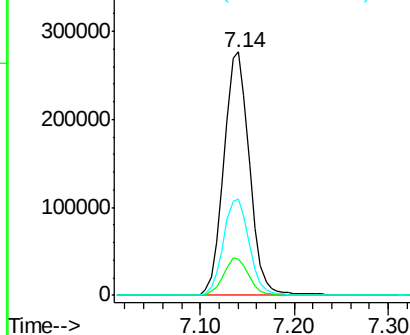
Tot Ion:	99	Resp:	525156
Ion Ratio	Lower	Upper	
99	100		
42	14.9	11.3	16.9
71	39.5	30.8	46.2

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Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#9

Benzaldehyde

Concen: 111.506 ng

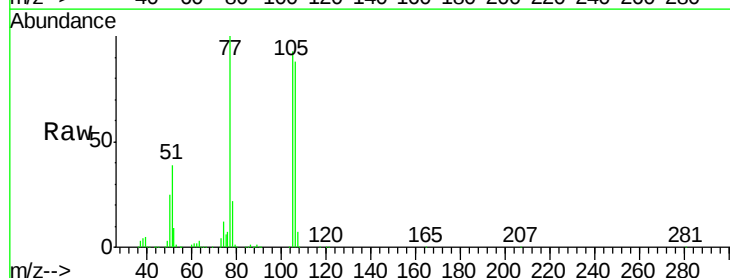
RT: 7.08 min Scan# 680

Delta R.T. -0.00 min

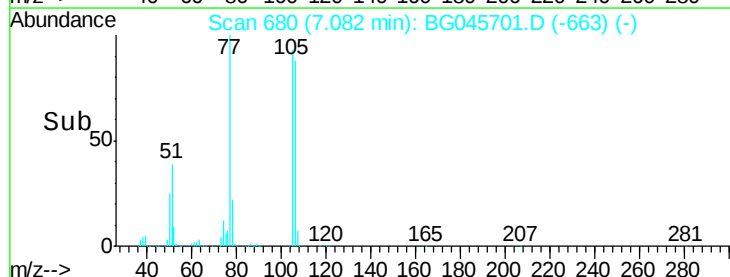
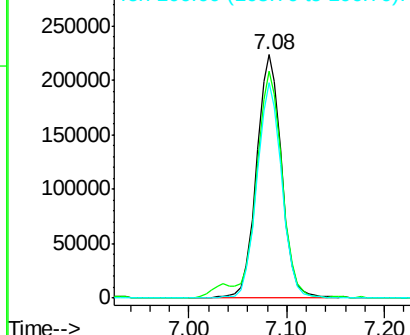
Lab File: BG045701.D

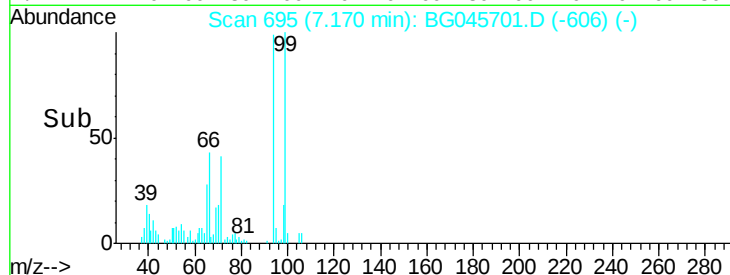
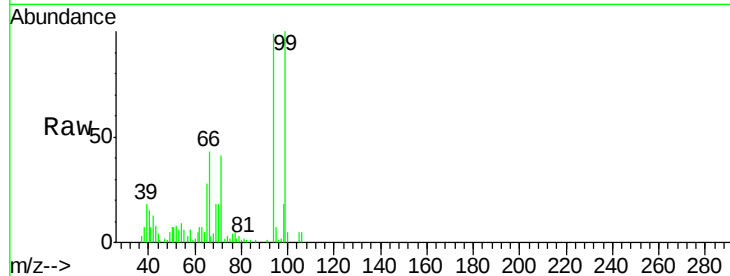
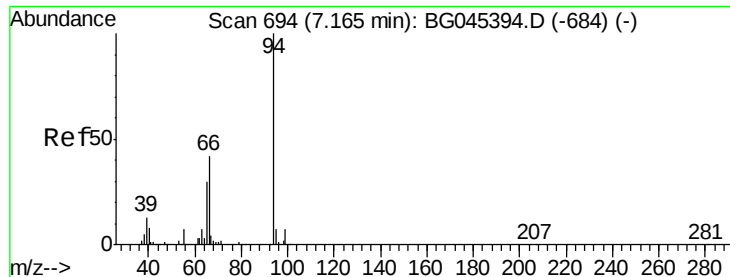
Acq: 10 Jun 2020 21:18

Tgt Ion:	77	Resp:	404400
Ion Ratio	Lower	Upper	
77	100		
105	93.2	68.5	108.5
106	88.2	71.6	111.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC





#10

Phenol

Concen: 4.733 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.01 min

Lab File: BG045701.D

Acq: 10 Jun 2020 21:18

Tot Ion	Ion	Ratio	Resp	Lower	Upper
94	100		27155		
65	28.1	9.8	49.8		
66	43.3	22.0	62.0		

Instrument :

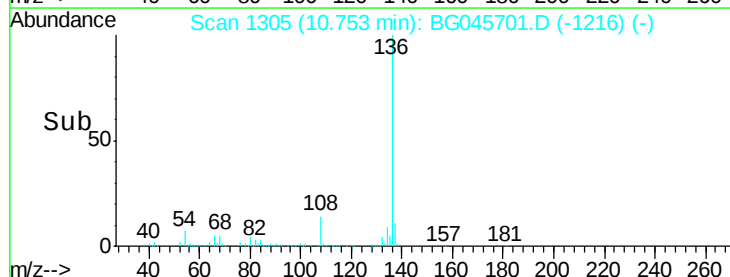
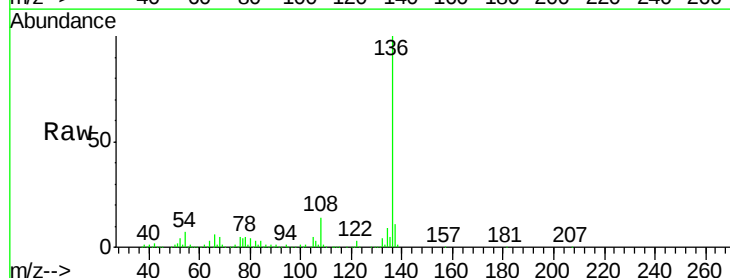
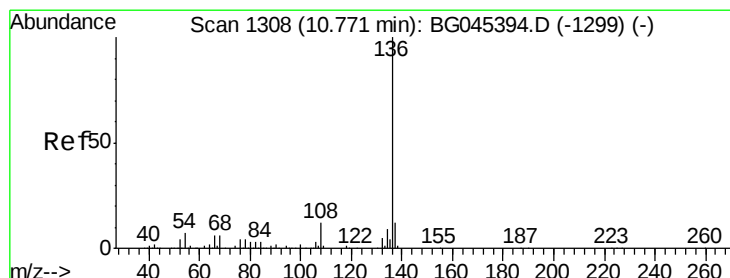
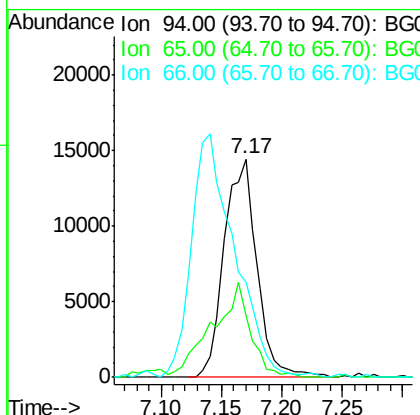
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ClientSampleId :

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#21

Naphthalene-d8

Concen: 20.000 ng

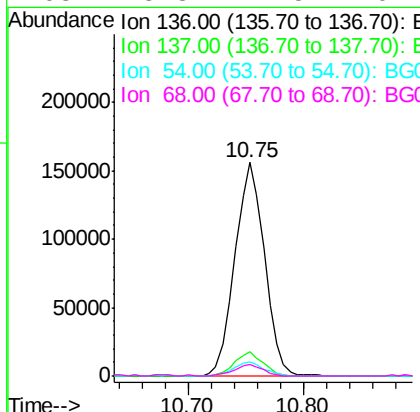
RT: 10.75 min Scan# 1305

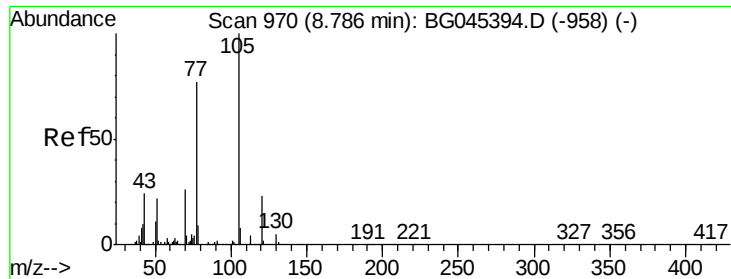
Delta R.T. -0.01 min

Lab File: BG045701.D

Acq: 10 Jun 2020 21:18

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
136	100		277067		
137	11.1	9.4	14.2		
54	6.7	5.8	8.6		
68	5.3	4.5	6.7		





#22

Acetophenone

Concen: 5.367 ng

RT: 8.77 min Scan# 967

Delta R.T. -0.01 min

Lab File: BG045701.D

Acq: 10 Jun 2020 21:18

Instrument :

BNA_G

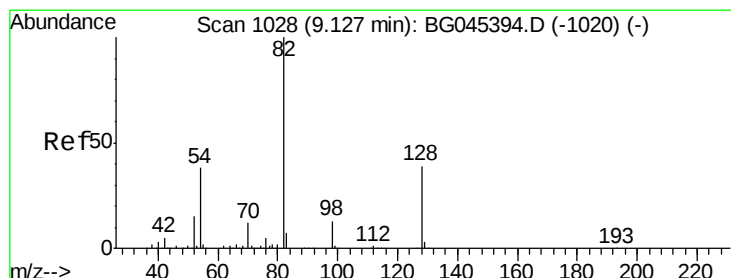
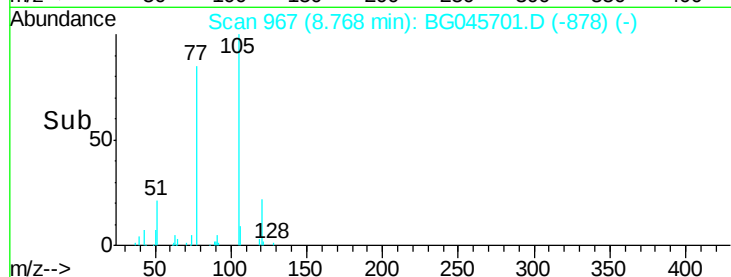
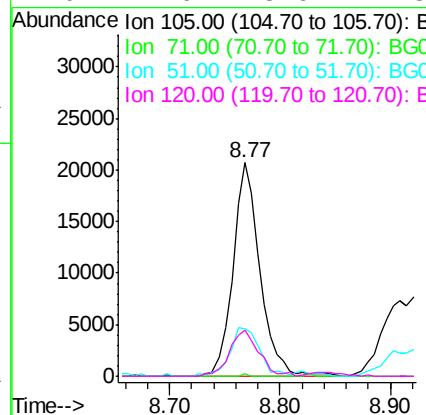
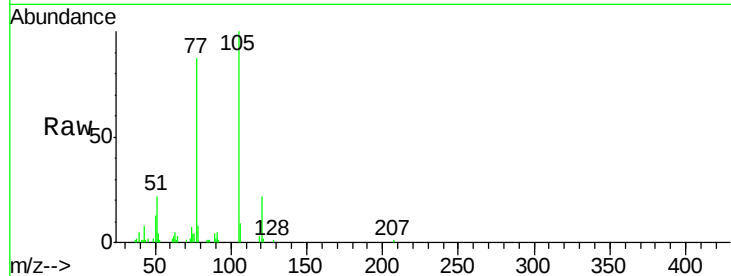
ClientSampleId :

SYNERTECH

Tot Ion:	105	Resp:	35242
Ion Ratio	Lower	Upper	
105	100		
71	1.0	3.4	5.0#
51	22.0	18.2	27.2
120	21.6	18.6	27.8

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#23

Nitrobenzene-d5

Concen: 73.568 ng

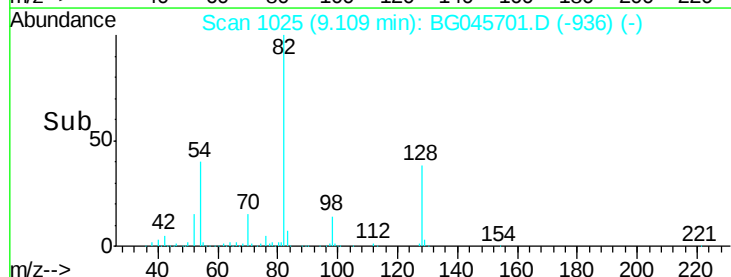
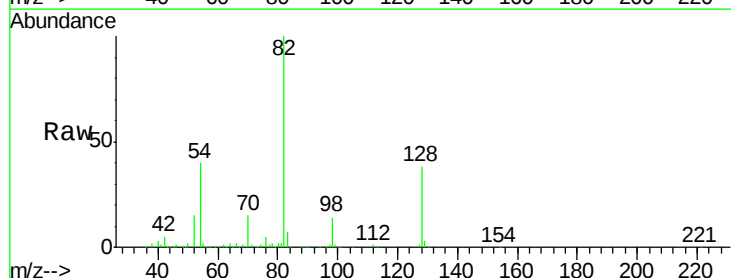
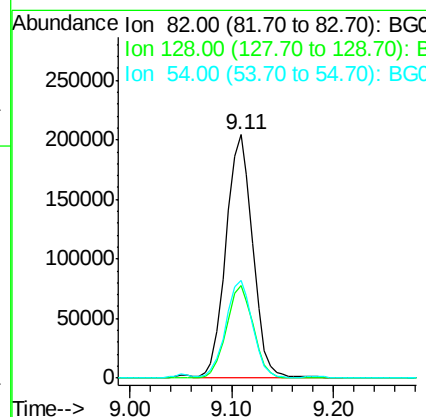
RT: 9.11 min Scan# 1025

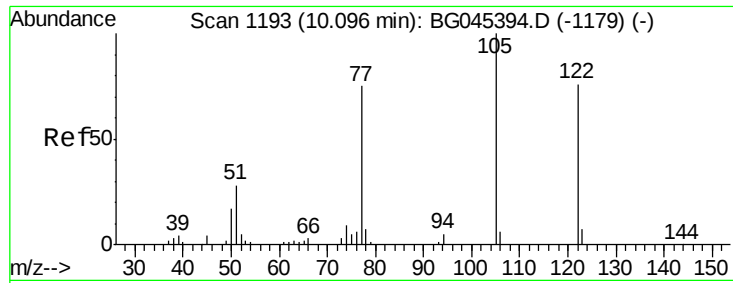
Delta R.T. -0.01 min

Lab File: BG045701.D

Acq: 10 Jun 2020 21:18

Tgt Ion:	82	Resp:	373790
Ion Ratio	Lower	Upper	
82	100		
128	37.8	30.9	46.3
54	40.3	30.3	45.5





#32

Benzoic acid

Concen: 1777.083 ng/mL

RT: 10.68 min Scan# 1292

Delta R.T. 0.56 min

Lab File: BG045701.D

Acq: 10 Jun 2020 21:18

Instrument :

BNA_G

ClientSampled :

SYNERTECH

Tot Ion:122 Resp: 5246244

Ion Ratio Lower Upper

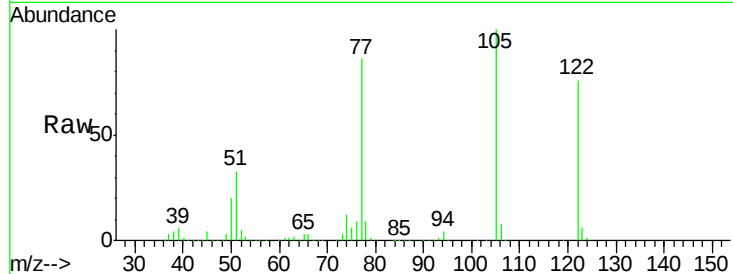
122 100

105 132.3 107.9 147.9

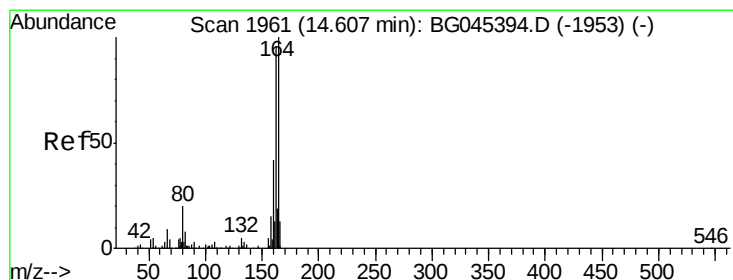
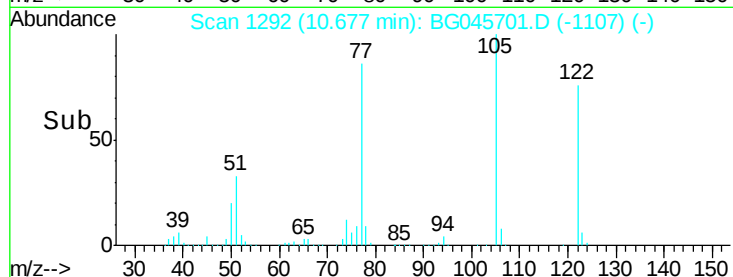
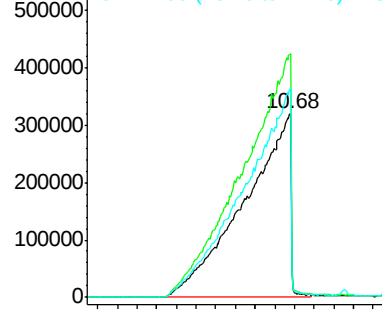
77 113.5 78.9 118.9

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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.59 min Scan# 1958

Delta R.T. -0.01 min

Lab File: BG045701.D

Acq: 10 Jun 2020 21:18

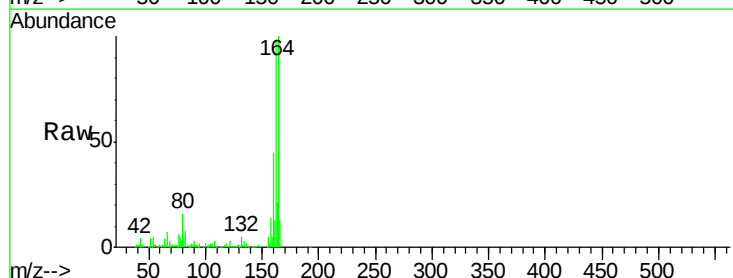
Tgt Ion:164 Resp: 193521

Ion Ratio Lower Upper

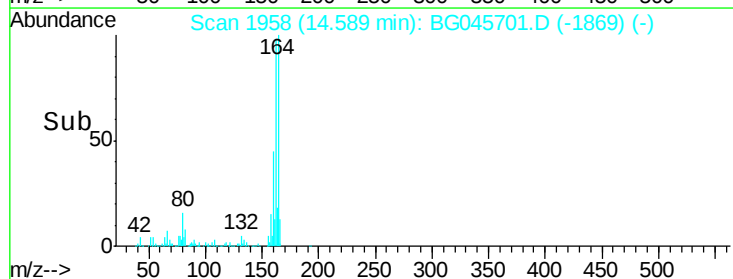
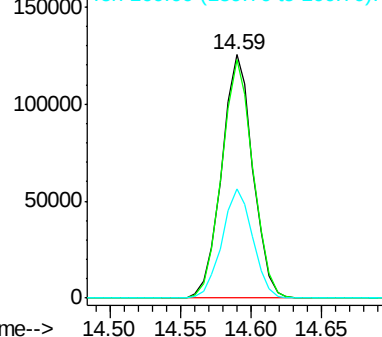
164 100

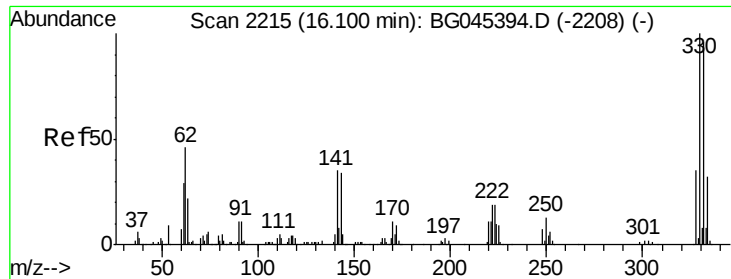
162 97.9 76.9 115.3

160 44.9 33.8 50.8



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 91.683 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.01 min

Lab File: BG045701.D

Acq: 10 Jun 2020 21:18

Instrument :

BNA_G

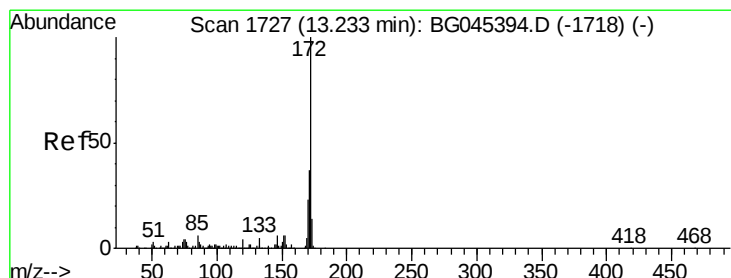
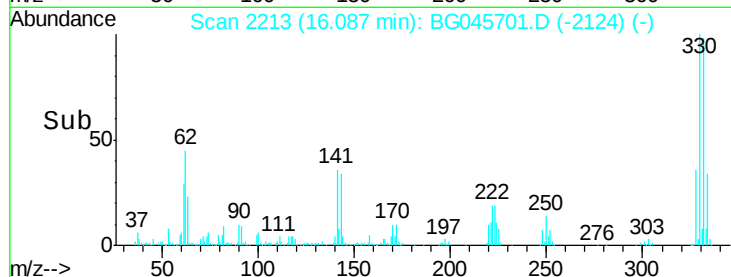
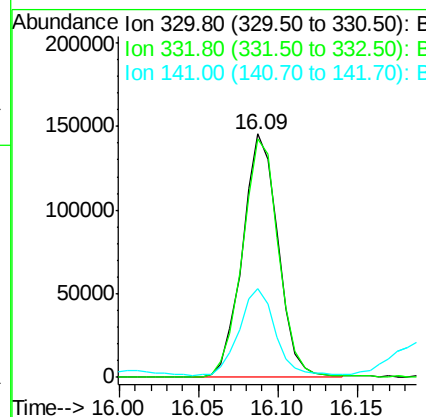
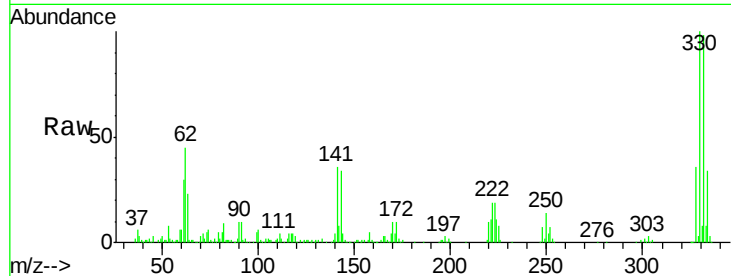
ClientSampleId :

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Tot Ion:	330	Resp:	226908
Ion Ratio	Lower	Upper	
330	100		
332	99.5	78.2	117.4
141	38.4	28.2	42.4

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#45

2-Fluorobiphenyl

Concen: 70.275 ng

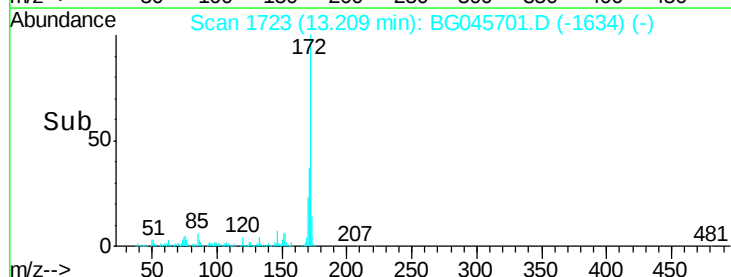
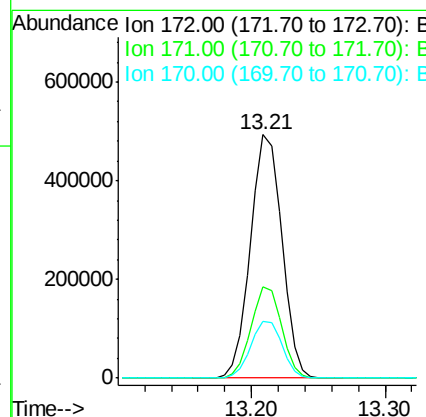
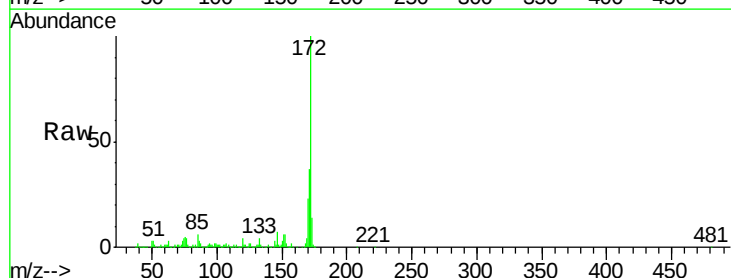
RT: 13.21 min Scan# 1723

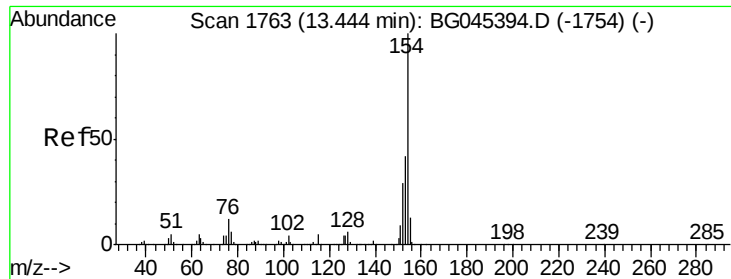
Delta R.T. -0.01 min

Lab File: BG045701.D

Acq: 10 Jun 2020 21:18

Tgt Ion:	172	Resp:	801774
Ion Ratio	Lower	Upper	
172	100		
171	37.2	29.5	44.3
170	23.3	18.5	27.7





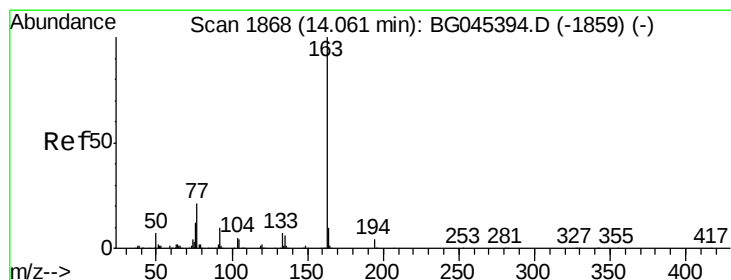
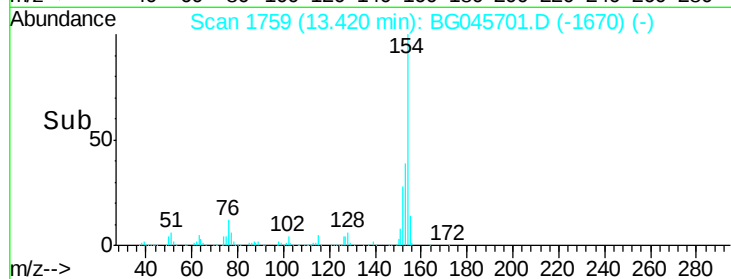
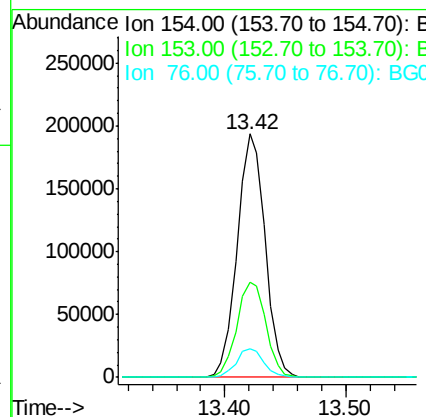
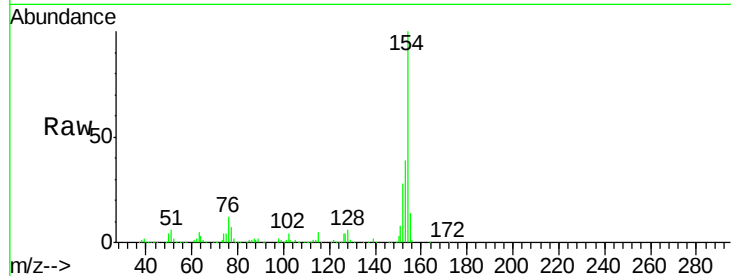
#46
 1,1'-Biphenyl
 Concen: 26.237 ng
 RT: 13.42 min Scan# 1759
 Delta R.T. -0.01 min
 Lab File: BG045701.D
 Acq: 10 Jun 2020 21:18

Instrument :
 BNA_G
 ClientSampleId :
 SYNERTECH

Tot Ion:	154	Resp:	311982
Ion Ratio	Lower	Upper	
154	100		
153	39.1	22.2	62.2
76	11.9	0.0	32.4

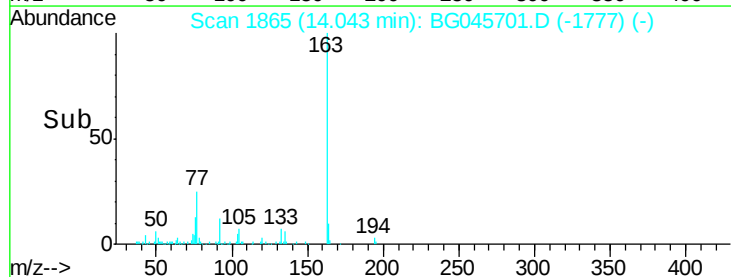
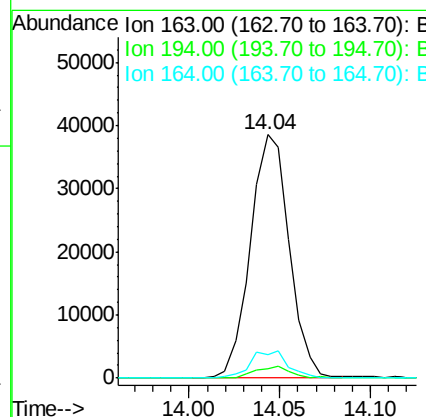
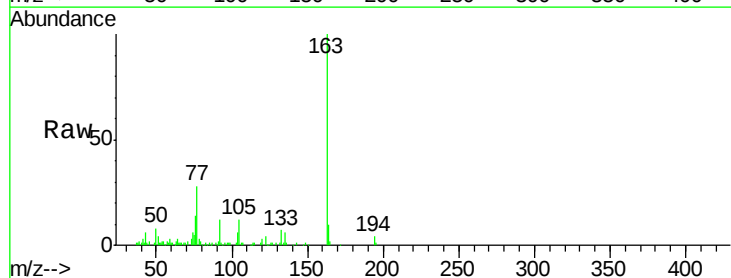
Manual Integrations
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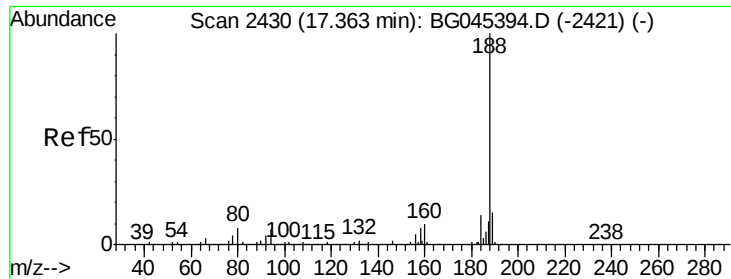
mohammad
 6/11/2020 1:48:09 PM



#50
 Dimethylphthalate
 Concen: 4.355 ng
 RT: 14.04 min Scan# 1865
 Delta R.T. -0.01 min
 Lab File: BG045701.D
 Acq: 10 Jun 2020 21:18

Tgt Ion:	163	Resp:	57814
Ion Ratio	Lower	Upper	
163	100		
194	3.9	3.2	4.8
164	9.8	8.3	12.5





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.34 min Scan# 2427

Delta R.T. -0.00 min

Lab File: BG045701.D

Acq: 10 Jun 2020 21:18

Instrument :

BNA_G

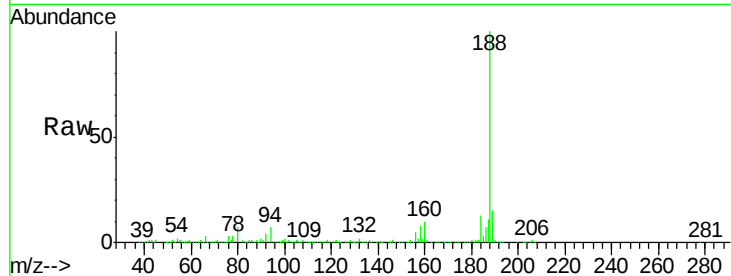
ClientSampleId :

SYNERTECH

Tot Ion:	188	Resp:	411719
Ion Ratio	Lower	Upper	
188	100		
94	6.5	5.5	8.3
80	7.1	6.6	10.0

Manual Integrations
APPROVED

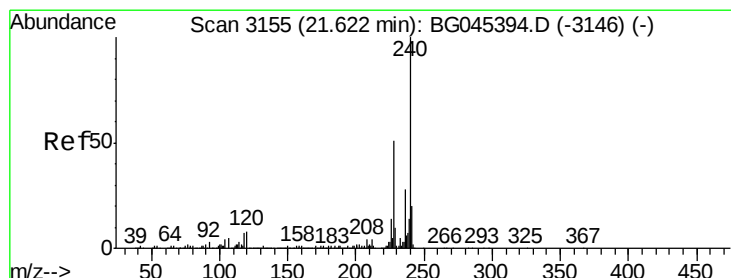
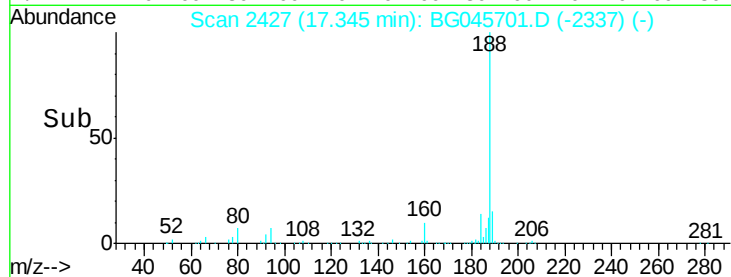
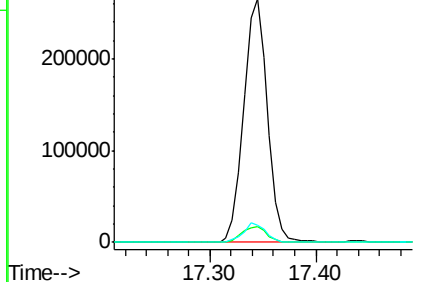
mohammad
6/11/2020 1:48:09 PM



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



#76

Chrysene-d12

Concen: 20.000 ng

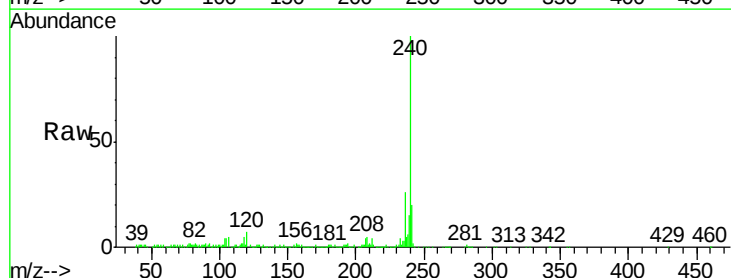
RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG045701.D

Acq: 10 Jun 2020 21:18

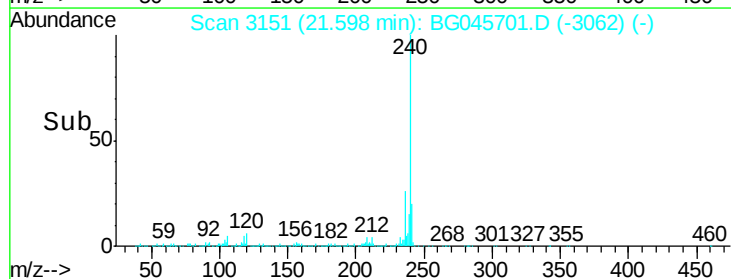
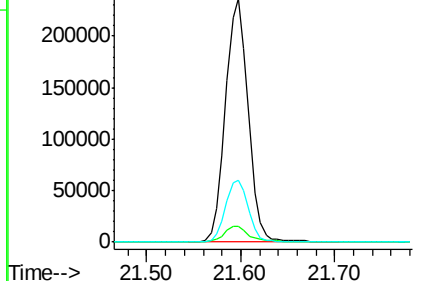
Tgt Ion:	240	Resp:	397639
Ion Ratio	Lower	Upper	
240	100		
120	6.6	6.1	9.1
236	25.6	22.3	33.5

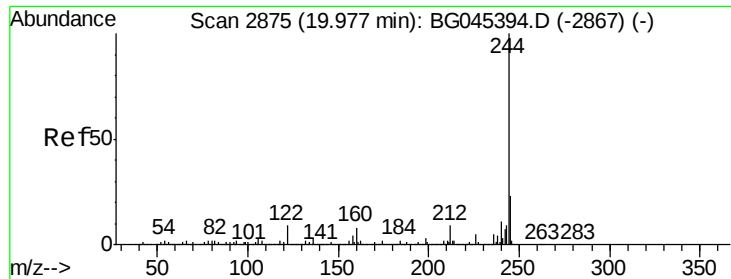


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#79

Terphenyl-d14

Concen: 66.982 ng

RT: 19.95 min Scan# 2871

Delta R.T. -0.01 min

Lab File: BG045701.D

Acq: 10 Jun 2020 21:18

Instrument :

BNA_G

ClientSampleId :

SYNERTECH

Tot Ion:244 Resp: 1141986

Ion Ratio Lower Upper

244 100

212 9.2 7.4 11.0

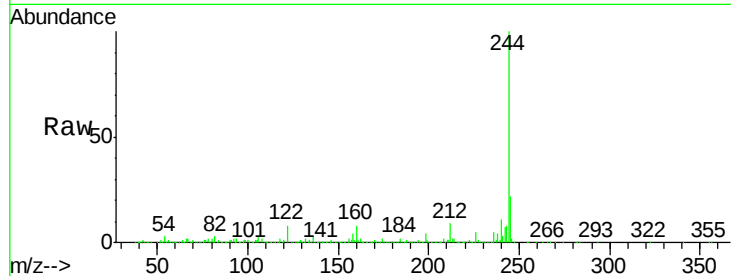
122 7.7 6.8 10.2

Manual Integrations

APPROVED

mohammad

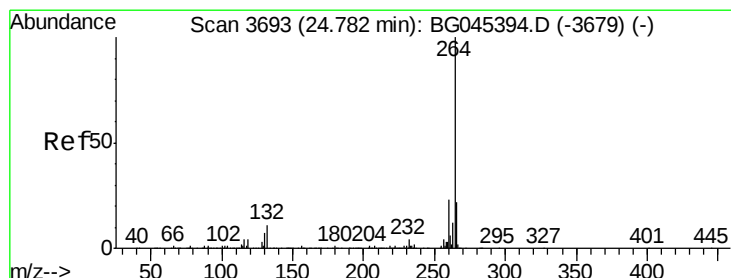
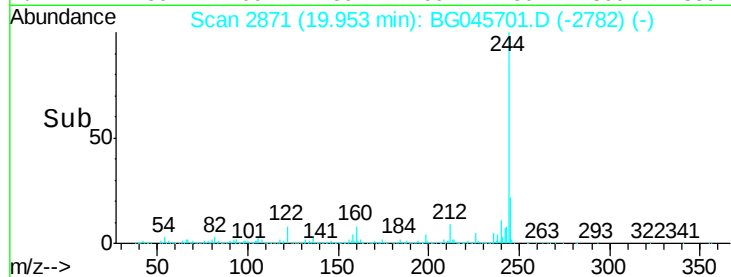
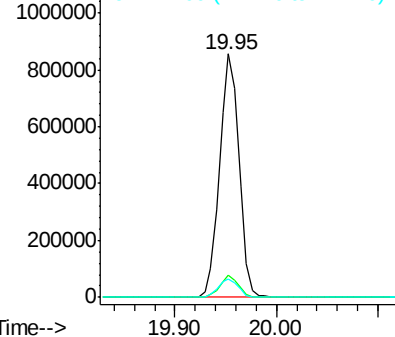
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Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.74 min Scan# 3686

Delta R.T. -0.01 min

Lab File: BG045701.D

Acq: 10 Jun 2020 21:18

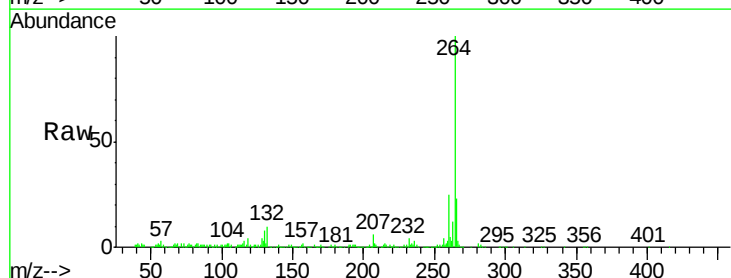
Tgt Ion:264 Resp: 334468

Ion Ratio Lower Upper

264 100

260 25.3 18.2 27.4

265 23.1 17.6 26.4



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

