

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
 Data File : BG045615.D
 Acq On : 5 Jun 2020 13:56
 Operator : CG/JU
 Sample : L2822-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP7

Manual Integrations
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Quant Time: Jun 06 05:27:35 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	68926	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	306080	20.00	ng	0.01
39) Acenaphthene-d10	14.61	164	191123	20.00	ng	0.02
64) Phenanthrene-d10	17.36	188	371251	20.00	ng	0.02
76) Chrysene-d12	21.61	240	372773	20.00	ng	0.00
87) Perylene-d12	24.76	264	408956	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	530792	150.50	ng	0.01
7) Phenol-d6	7.19	99	657531	130.99	ng	0.05
23) Nitrobenzene-d5	9.14	82	899553	160.27	ng	0.03
42) 2,4,6-Tribromophenol	16.12	330	407002	166.51	ng	0.03
45) 2-Fluorobiphenyl	13.24	172	1249605	110.90	ng	0.03
79) Terphenyl-d14	19.96	244	1931139	120.82	ng	0.00
Target Compounds						
3) Pyridine	3.85	79	13183m	2.71	ng	Qvalue
10) Phenol	7.22	94	1945047	375.96	ng	93
17) 2-Methylphenol	8.47	107	2310246	596.59	ng	94
20) 3+4-Methylphenols	8.83	107	4648741	881.58	ng	85
27) 2,4-Dimethylphenol	10.02	122	3121677	818.16	ng	99
31) Naphthalene	10.82	128	139749	9.80	ng	98
37) 2-Methylnaphthalene	12.43	142	64247	6.04	ng	# 90
38) 1-Methylnaphthalene	12.65	142	42073	4.19	ng	# 98

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

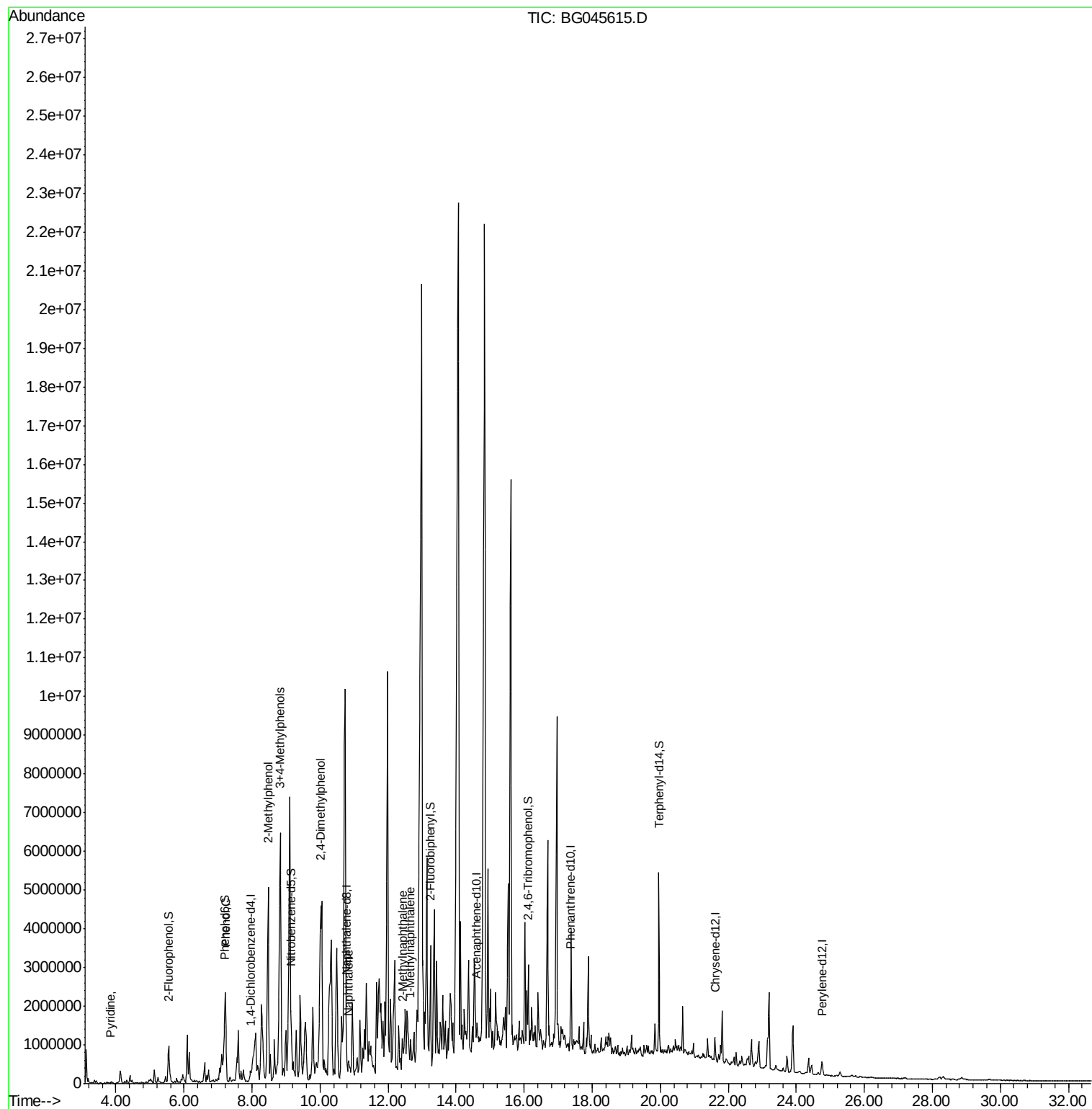
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045615.D
Acq On : 5 Jun 2020 13:56
Operator : CG/JU
Sample : L2822-02
Misc :
ALS Vial : 5 Sample Multiplier: 1

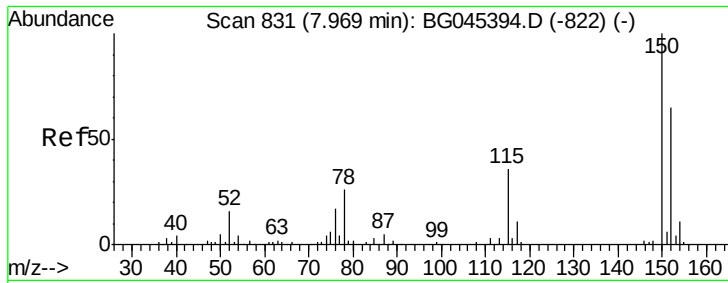
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Jun 06 05:27:35 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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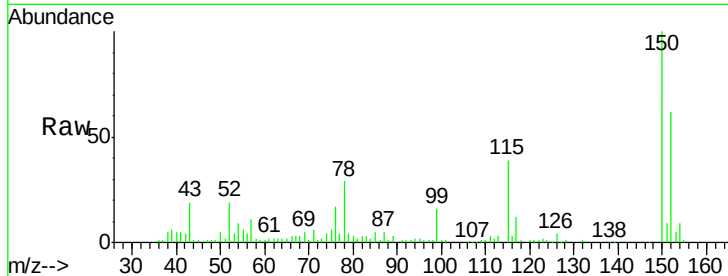
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG045615.D
 Acq: 5 Jun 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 C0AP7

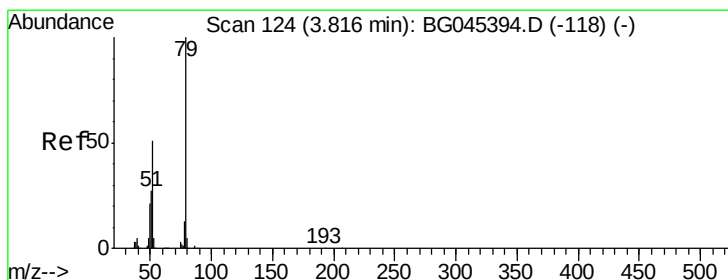
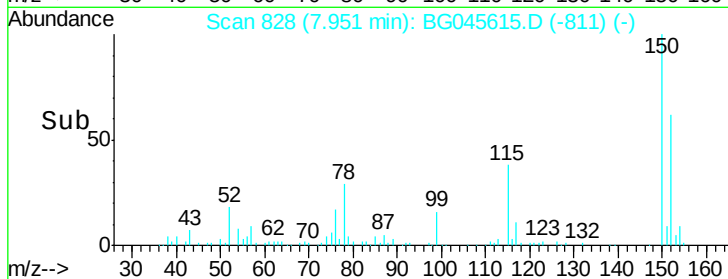
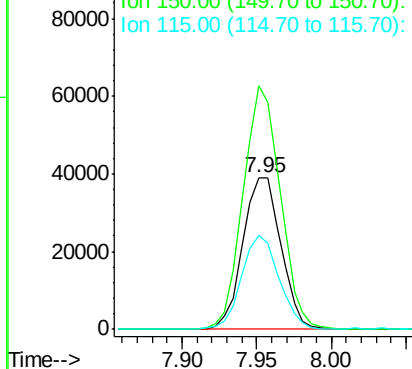
Tgt Ion	Ratio	Lower	Upper
152	100		
150	160.5	122.4	183.6
115	62.1	44.2	66.4

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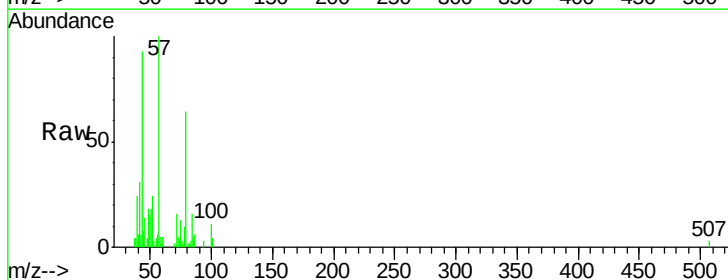


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

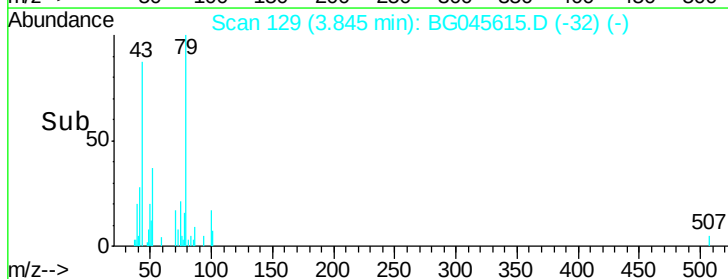
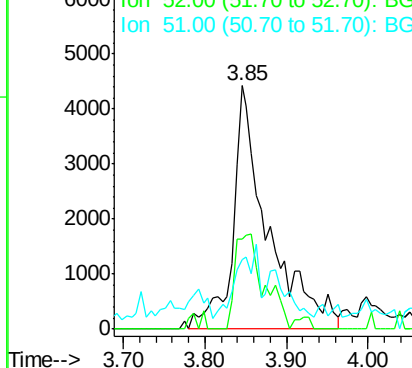


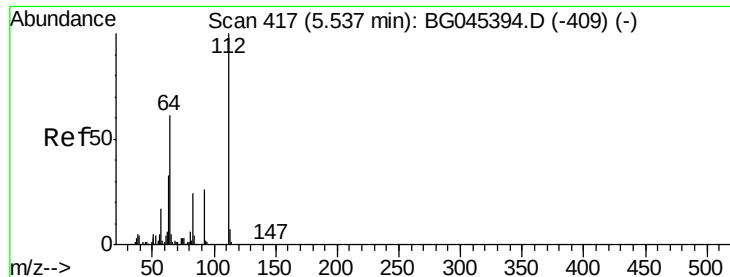
#3
 Pyridine
 Concen: 2.71 ng m
 RT: 3.85 min Scan# 129
 Delta R.T. 0.04 min
 Lab File: BG045615.D
 Acq: 5 Jun 2020 13:56

Tgt Ion	Ratio	Lower	Upper
79	100		
52	37.0	40.8	61.2#
51	28.4	21.9	32.9



Abundance Ion 79.00 (78.70 to 79.70): BGC
 Ion 52.00 (51.70 to 52.70): BGC
 Ion 51.00 (50.70 to 51.70): BGC





#5

2-Fluorophenol

Concen: 150.50 ng

RT: 5.55 min Scan# 419

Delta R.T. 0.01 min

Lab File: BG045615.D

Acq: 5 Jun 2020 13:56

Instrument :

BNA_G

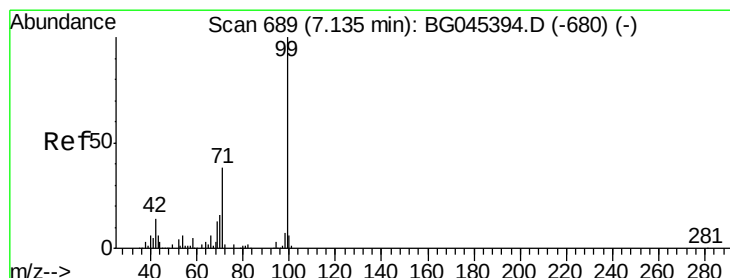
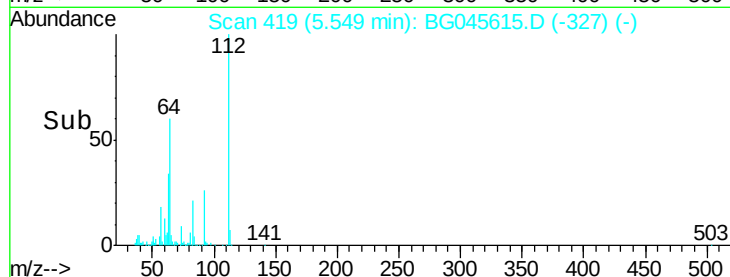
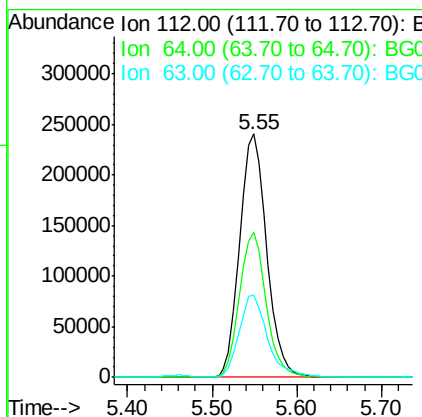
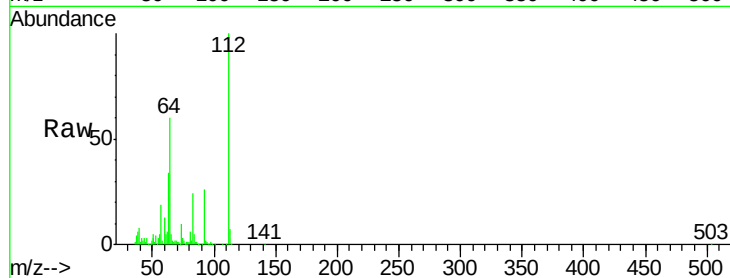
ClientSampleId :

C0AP7

Tgt Ion:	112	Resp:	530792
Ion Ratio	Lower	Upper	
112	100		
64	59.7	48.6	72.8
63	33.9	26.5	39.7

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#7

Phenol-d6

Concen: 130.99 ng

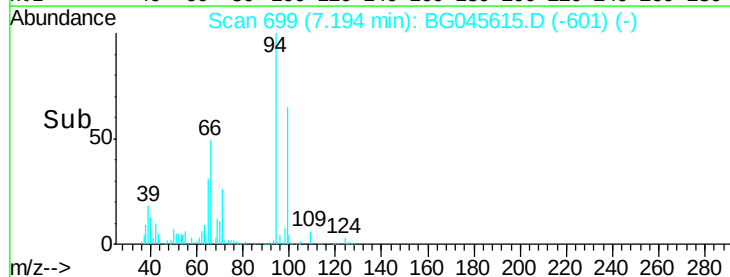
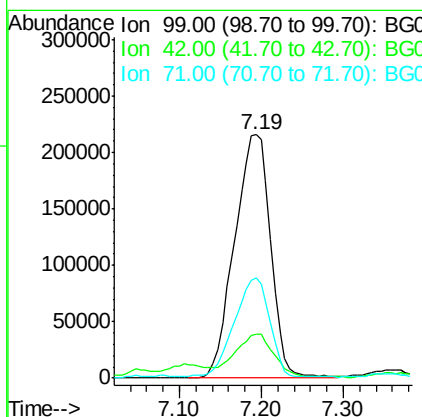
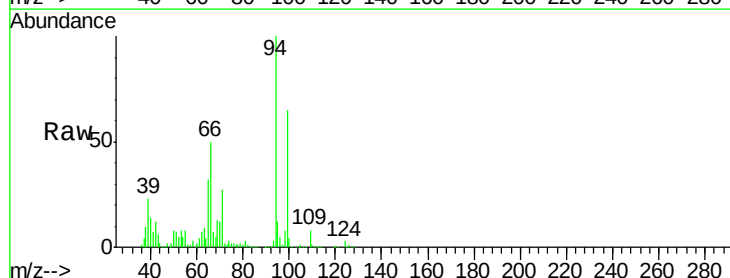
RT: 7.19 min Scan# 699

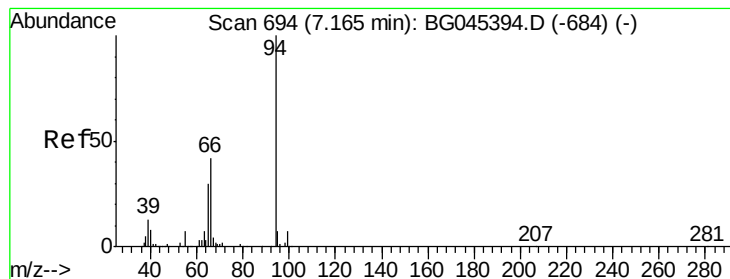
Delta R.T. 0.05 min

Lab File: BG045615.D

Acq: 5 Jun 2020 13:56

Tgt Ion:	99	Resp:	657531
Ion Ratio	Lower	Upper	
99	100		
42	18.3	11.3	16.9#
71	41.1	30.8	46.2





#10

Phenol

Concen: 375.96 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.05 min

Lab File: BG045615.D

Acq: 5 Jun 2020 13:56

Instrument :

BNA_G

ClientSampleId :

C0AP7

Tgt Ion: 94 Resp: 1945047

Ion Ratio Lower Upper

94 100

65 32.7 9.8 49.8

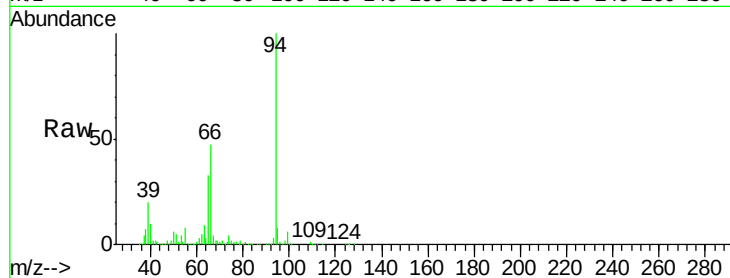
66 47.3 22.0 62.0

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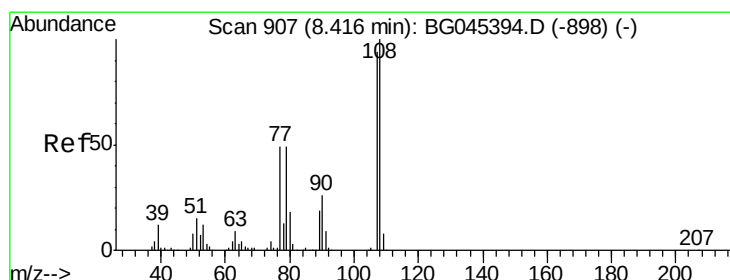
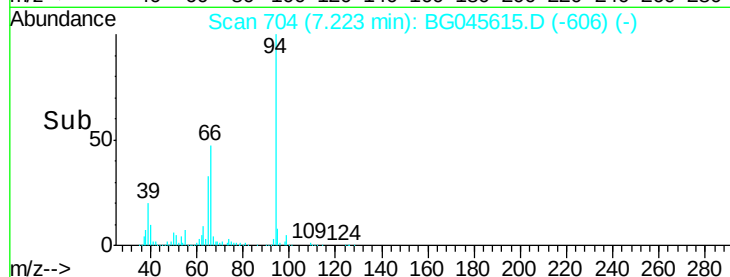
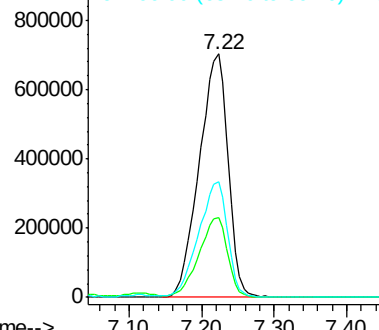
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Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC



#17

2-Methylphenol

Concen: 596.59 ng

RT: 8.47 min Scan# 917

Delta R.T. 0.05 min

Lab File: BG045615.D

Acq: 5 Jun 2020 13:56

Tgt Ion: 107 Resp: 2310246

Ion Ratio Lower Upper

107 100

108 108.2 85.2 127.8

77 59.6 41.6 62.4

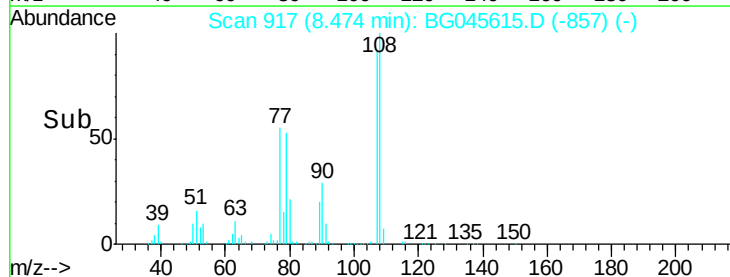
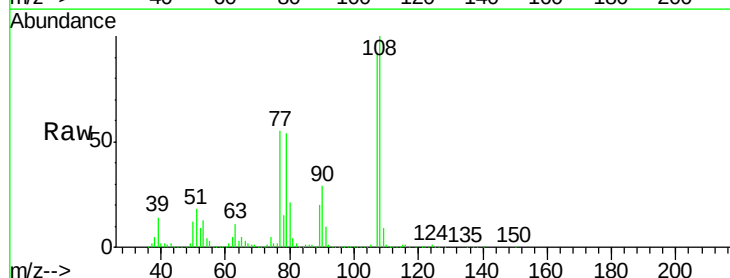
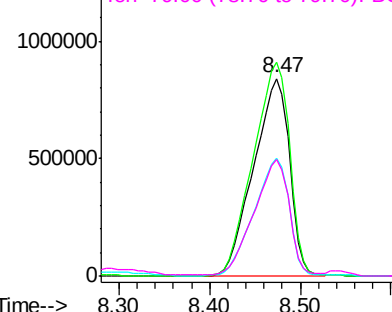
79 58.9 41.8 62.8

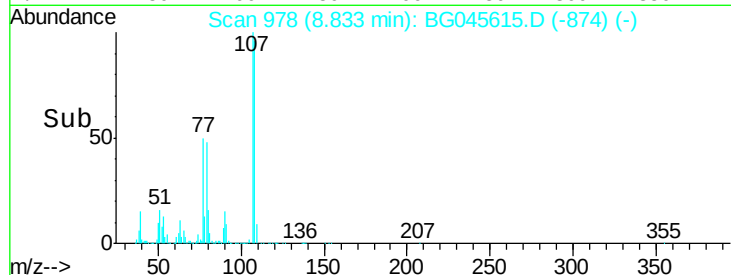
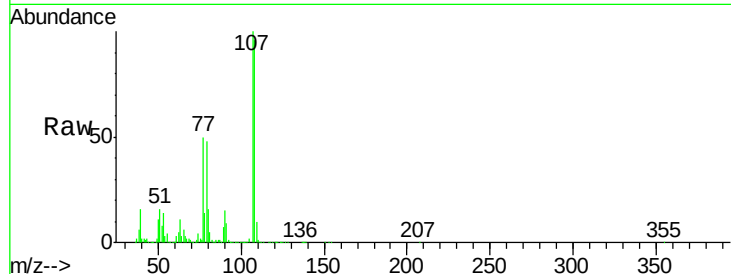
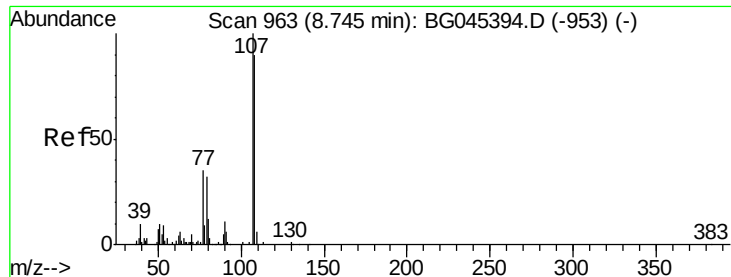
Abundance Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#20

3+4-Methylphenols

Concen: 881.58 ng

RT: 8.83 min Scan# 978

Delta R.T. 0.08 min

Lab File: BG045615.D

Acq: 5 Jun 2020 13:56

Tgt Ion:	107	Resp:	4648741
Ion Ratio	Lower	Upper	
107	100		
108	95.7	70.3	110.3
77	49.7	15.4	55.4
79	48.3	12.6	52.6

Instrument :

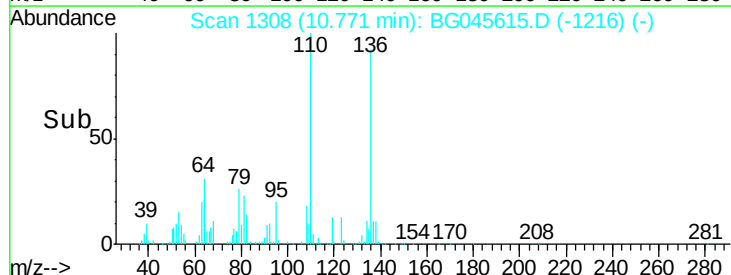
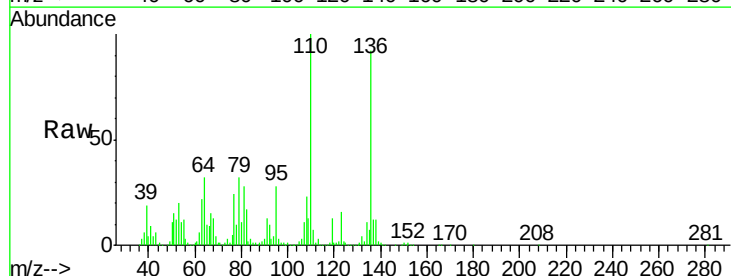
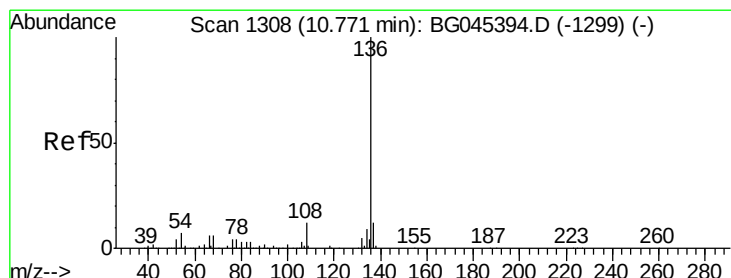
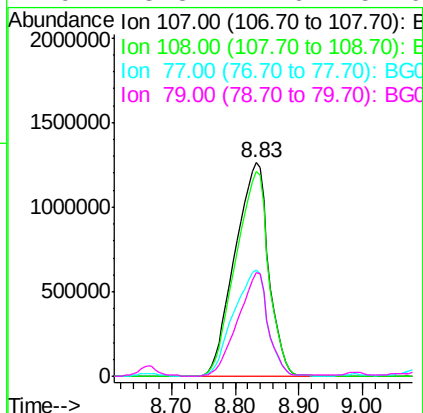
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#21

Naphthalene-d8

Concen: 20.00 ng

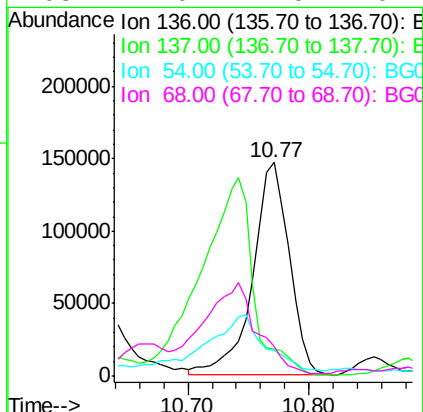
RT: 10.77 min Scan# 1308

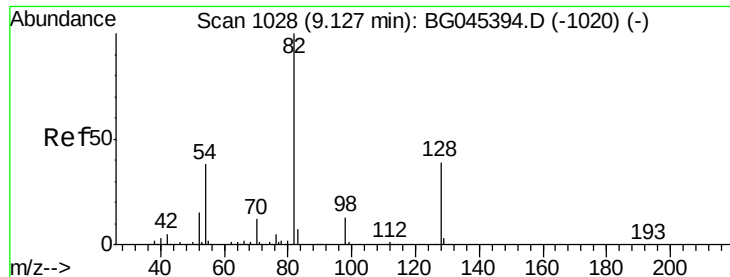
Delta R.T. 0.01 min

Lab File: BG045615.D

Acq: 5 Jun 2020 13:56

Tgt Ion:	136	Resp:	306080
Ion Ratio	Lower	Upper	
136	100		
137	12.8	9.4	14.2
54	12.0	5.8	8.6#
68	14.0	4.5	6.7#





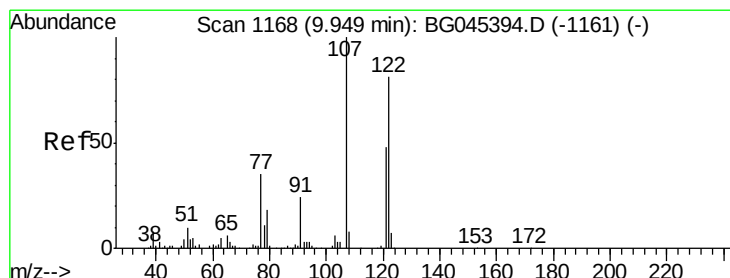
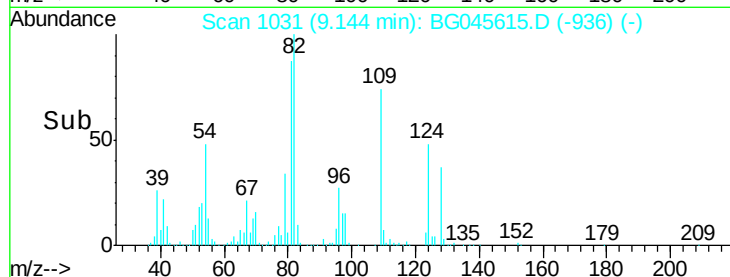
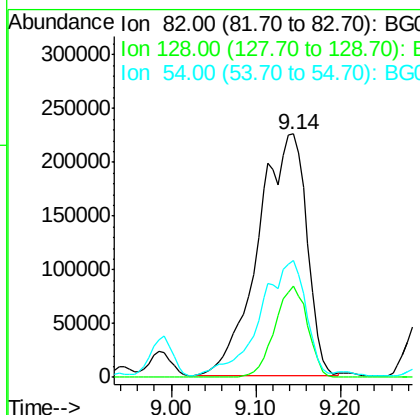
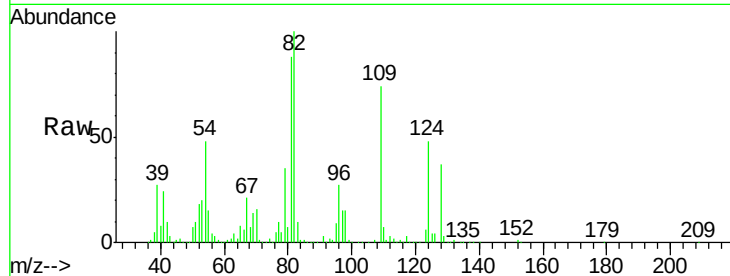
#23
 Nitrobenzene-d5
 Concen: 160.27 ng
 RT: 9.14 min Scan# 1031
 Delta R.T. 0.03 min
 Lab File: BG045615.D
 Acq: 5 Jun 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
82	100	899553		
128	37.4	30.9	46.3	
54	47.9	30.3	45.5	

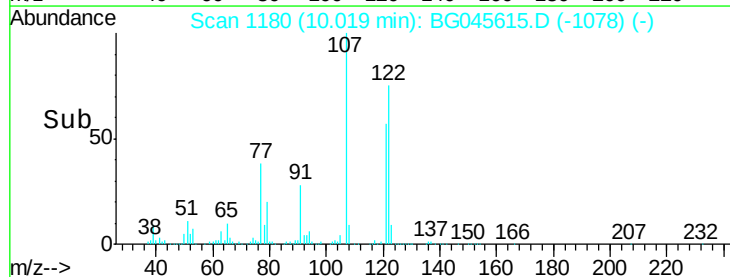
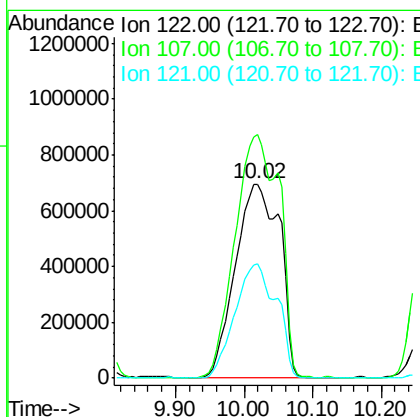
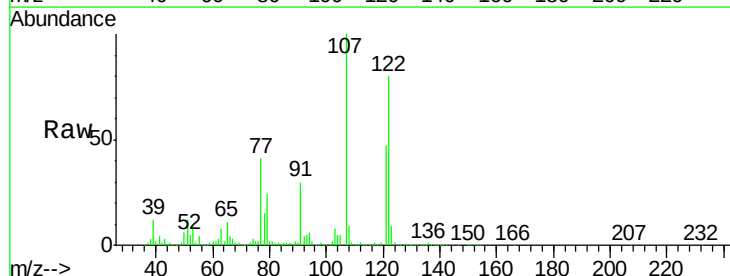
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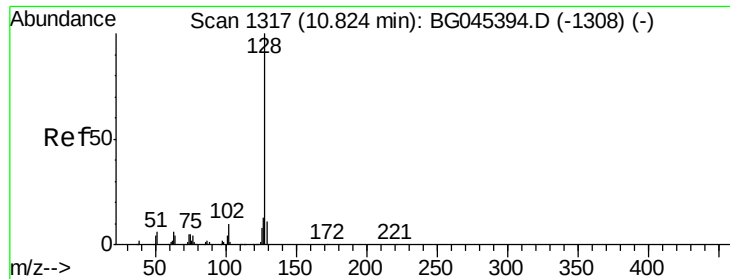
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#27
 2,4-Dimethylphenol
 Concen: 818.16 ng
 RT: 10.02 min Scan# 1180
 Delta R.T. 0.07 min
 Lab File: BG045615.D
 Acq: 5 Jun 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	3121677		
107	125.7	99.0	148.4	
121	59.1	47.7	71.5	





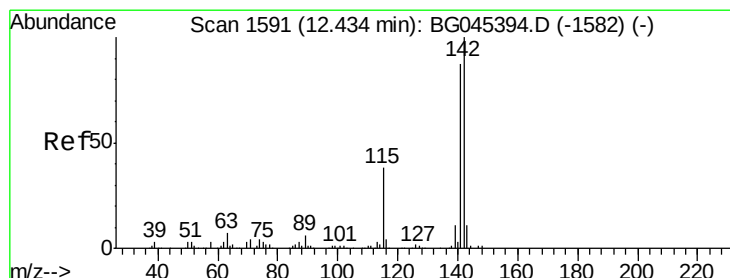
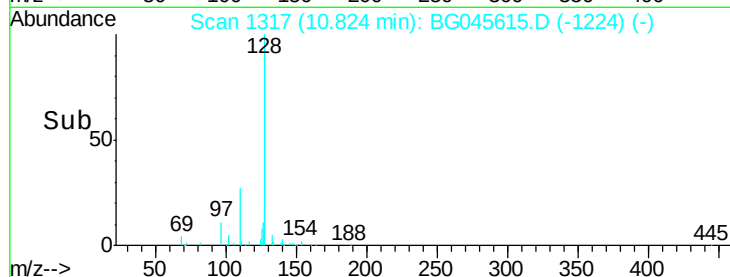
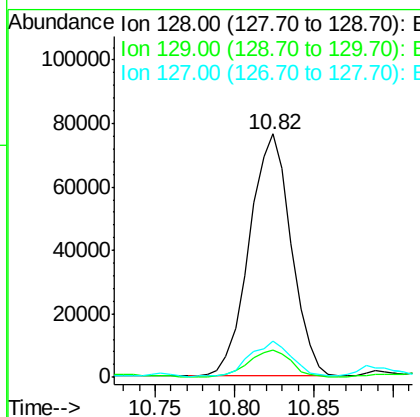
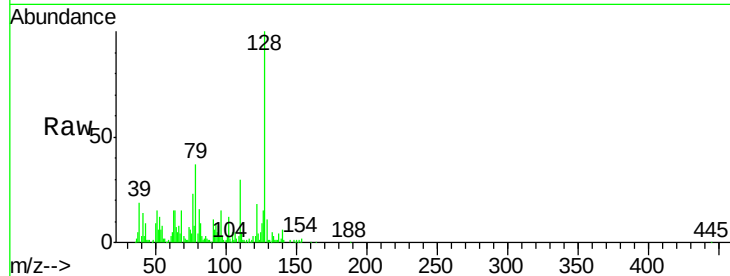
#31
Naphthalene
Concen: 9.80 ng
RT: 10.82 min Scan# 1317
Delta R.T. 0.02 min
Lab File: BG045615.D
Acq: 5 Jun 2020 13:56

Instrument :
BNA_G
ClientSampled :
C0AP7

Tgt Ion	Ratio	Resp	Lower	Upper
128	100	139749		
129	11.1	9.0	13.6	
127	15.0	10.7	16.1	

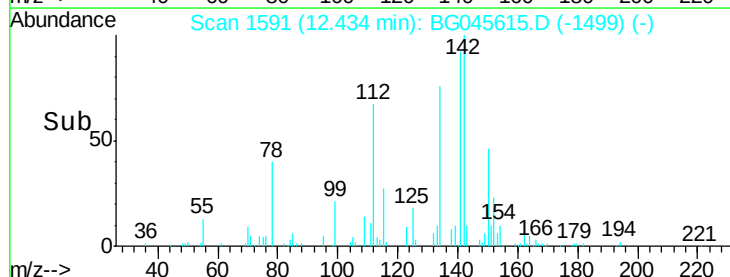
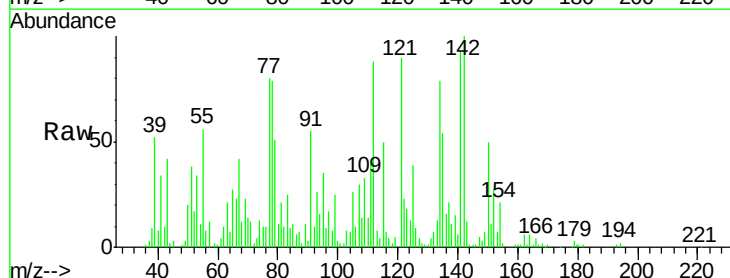
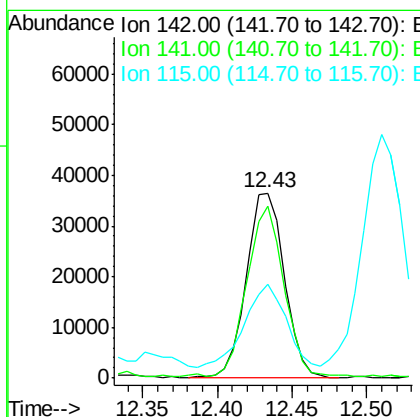
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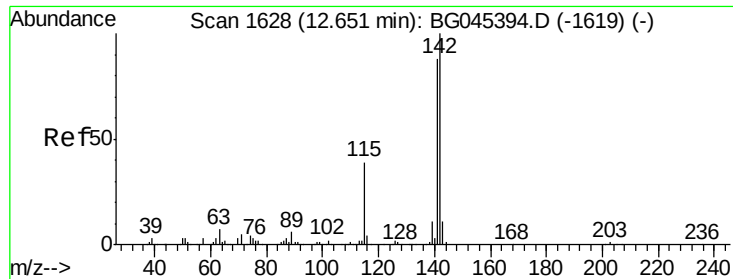
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#37
2-Methylnaphthalene
Concen: 6.04 ng
RT: 12.43 min Scan# 1591
Delta R.T. 0.01 min
Lab File: BG045615.D
Acq: 5 Jun 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	64247		
141	93.0	70.0	105.0	
115	50.3	30.8	46.2	





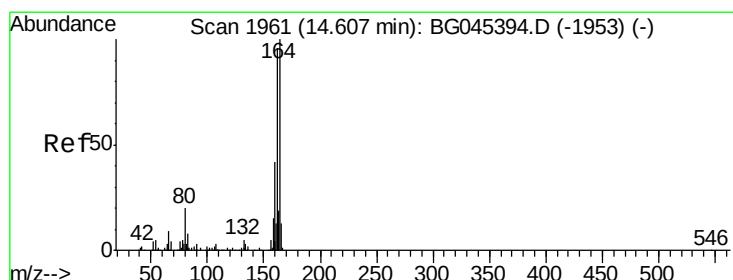
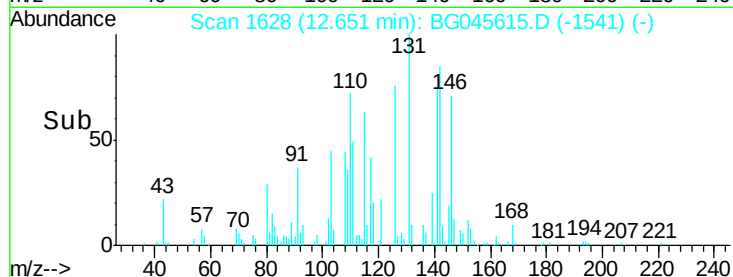
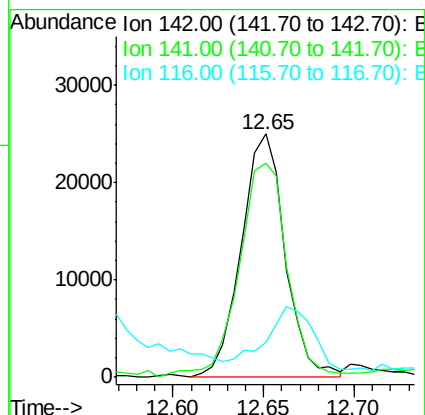
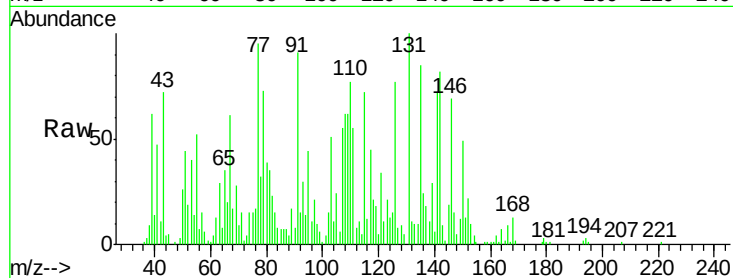
#38
1-Methylnaphthalene
Concen: 4.19 ng
RT: 12.65 min Scan# 1628
Delta R.T. 0.01 min
Lab File: BG045615.D
Acq: 5 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
C0AP7

Tgt Ion	Ratio	Lower	Upper
142	100		
141	87.9	70.8	106.2
116	14.5	3.0	4.6

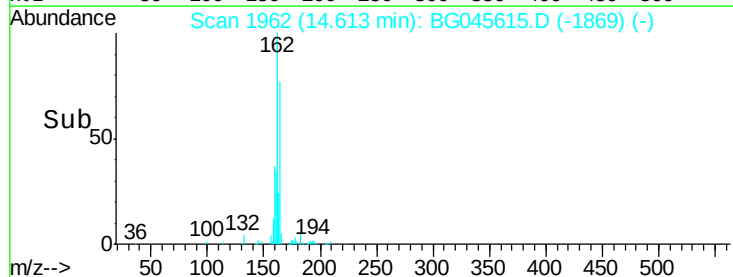
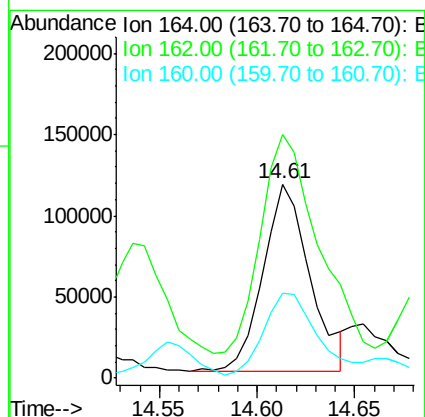
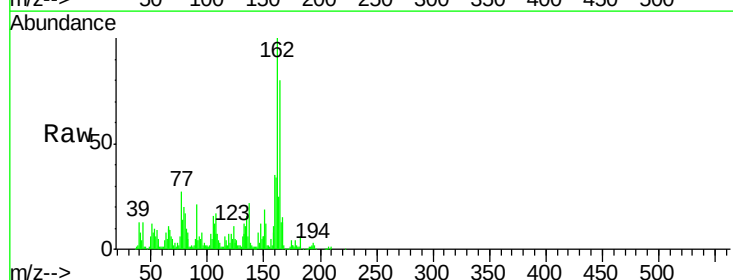
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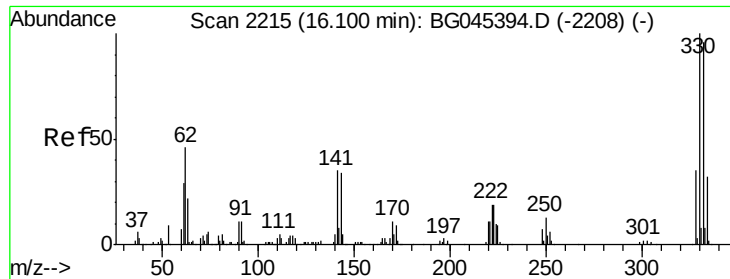
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.61 min Scan# 1962
Delta R.T. 0.02 min
Lab File: BG045615.D
Acq: 5 Jun 2020 13:56

Tgt Ion	Ratio	Lower	Upper
164	100		
162	125.7	76.9	115.3
160	44.1	33.8	50.8





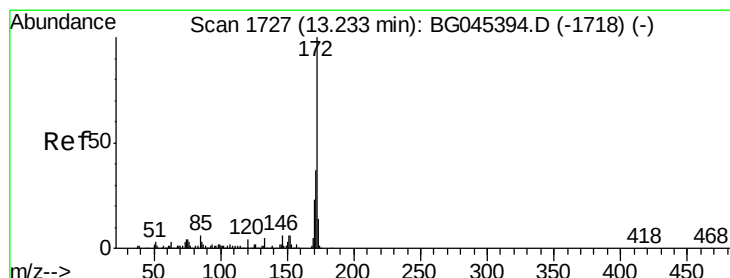
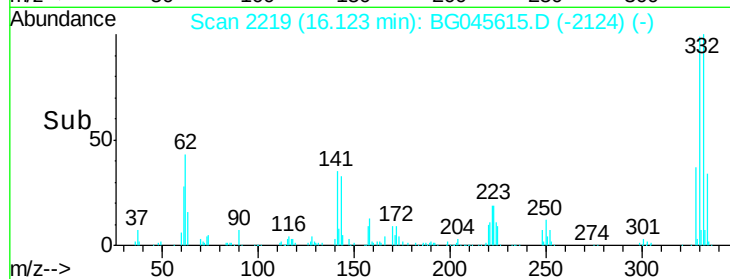
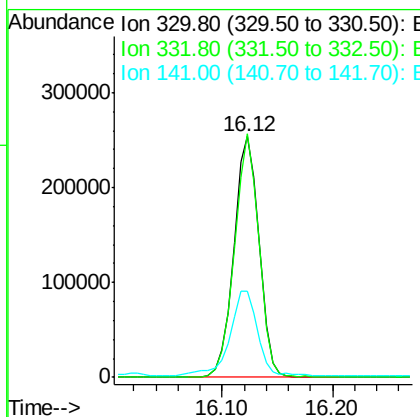
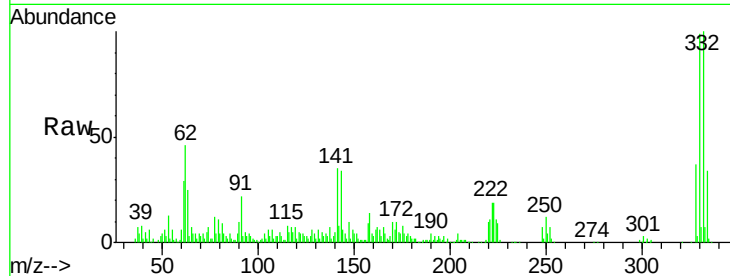
#42
 2,4,6-Tribromophenol
 Concen: 166.51 ng
 RT: 16.12 min Scan# 2219
 Delta R.T. 0.03 min
 Lab File: BG045615.D
 Acq: 5 Jun 2020 13:56

Instrument :
 BNA_G
 ClientSampleId :
 C0AP7

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	407002		
332	97.4	78.2	117.4	
141	39.0	28.2	42.4	

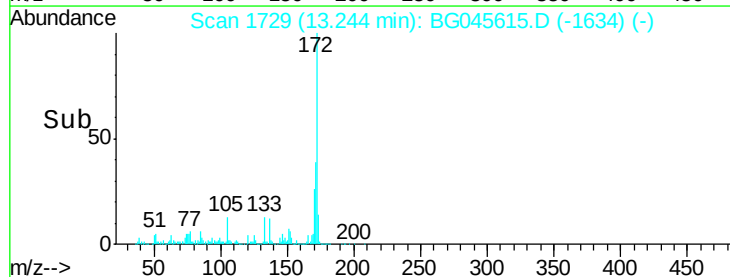
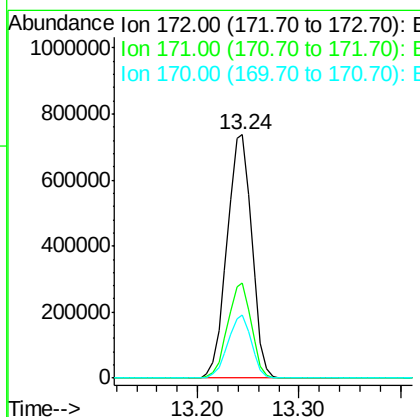
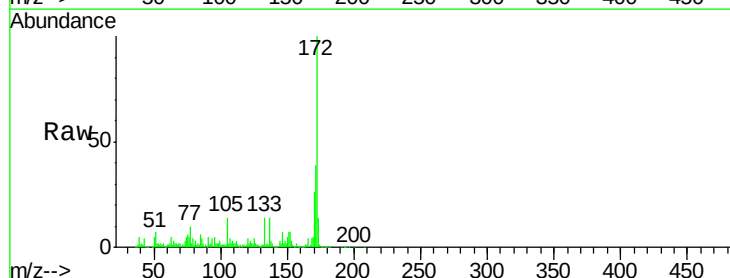
Manual Integrations
 APPROVED

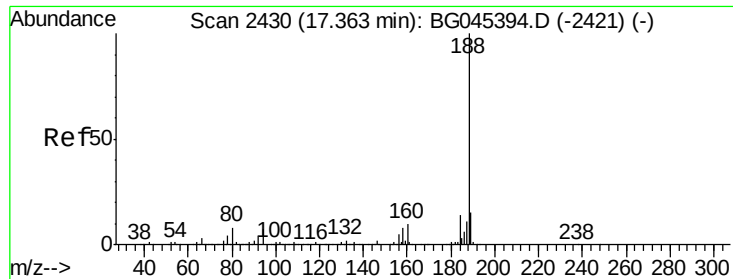
mohammad
 6/8/2020 12:48:52 PM



#45
 2-Fluorobiphenyl
 Concen: 110.90 ng
 RT: 13.24 min Scan# 1729
 Delta R.T. 0.03 min
 Lab File: BG045615.D
 Acq: 5 Jun 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	1249605		
171	39.2	29.5	44.3	
170	26.1	18.5	27.7	





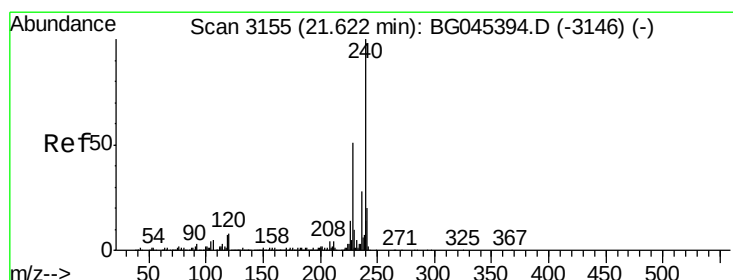
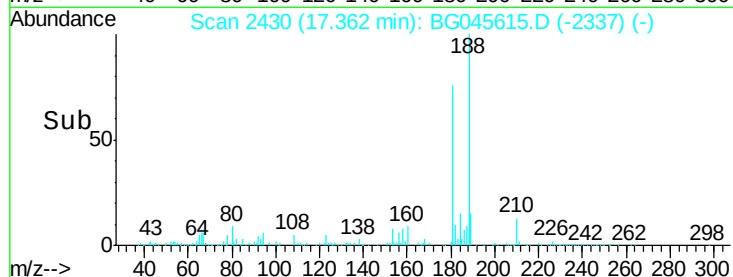
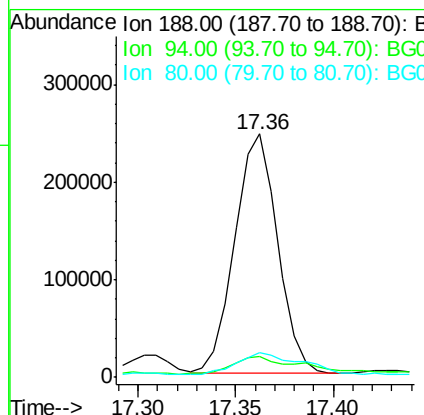
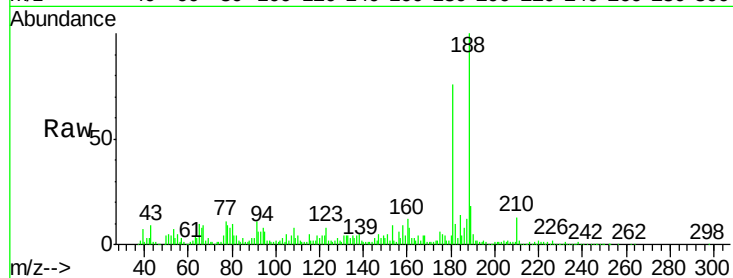
#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.36 min Scan# 2430
Delta R.T. 0.02 min
Lab File: BG045615.D
Acq: 5 Jun 2020 13:56

Instrument :
BNA_G
ClientSampleId :
C0AP7

Tgt Ion	Ratio	Resp	Lower	Upper
188	100	371251		
94	8.4	5.5	8.3#	
80	10.1	6.6	10.0#	

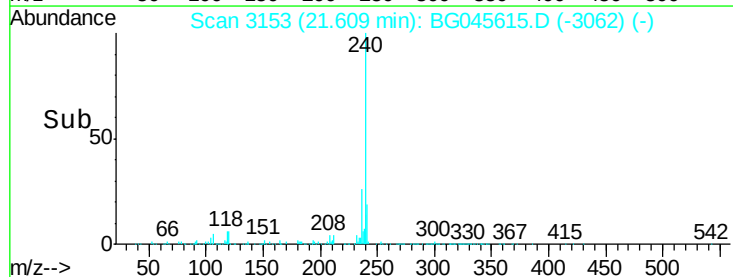
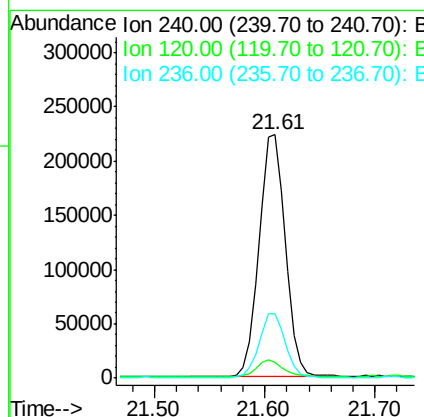
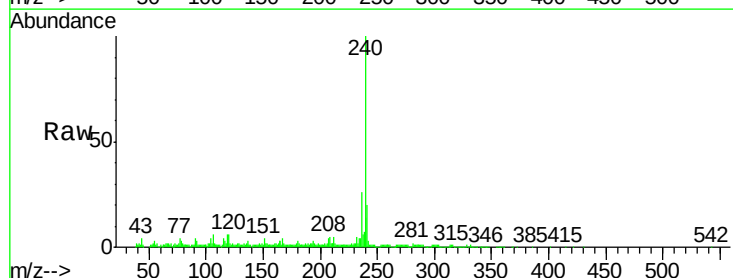
Manual Integrations
APPROVED

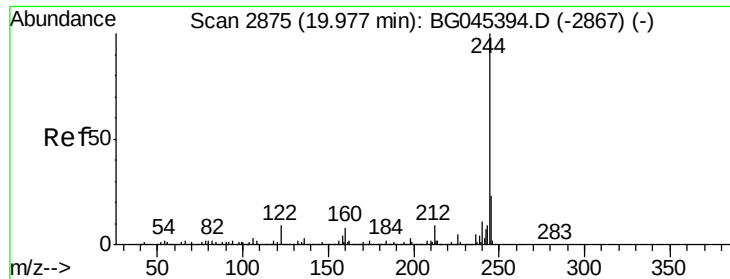
mohammad
6/8/2020 12:48:52 PM



#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.61 min Scan# 3153
Delta R.T. 0.01 min
Lab File: BG045615.D
Acq: 5 Jun 2020 13:56

Tgt Ion	Ratio	Resp	Lower	Upper
240	100	372773		
120	6.4	6.1	9.1	
236	26.3	22.3	33.5	





#79

Terphenyl-d14

Concen: 120.82 ng

RT: 19.96 min Scan# 2873

Delta R.T. 0.01 min

Lab File: BG045615.D

Acq: 5 Jun 2020 13:56

Instrument :

BNA_G

ClientSampleId :

C0AP7

Tgt Ion:244 Resp: 1931139

Ion Ratio Lower Upper

244 100

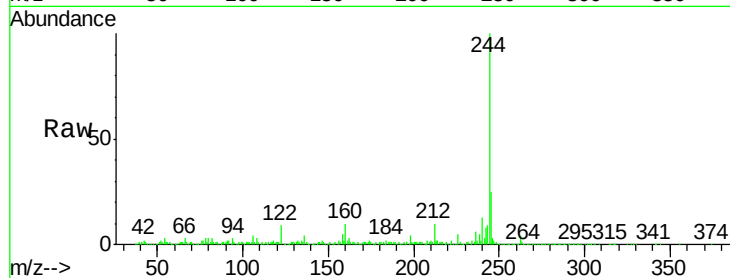
212 10.0 7.4 11.0

122 9.3 6.8 10.2

Manual Integrations
APPROVED

mohammad

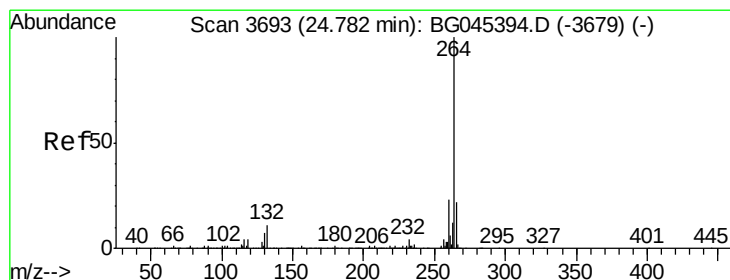
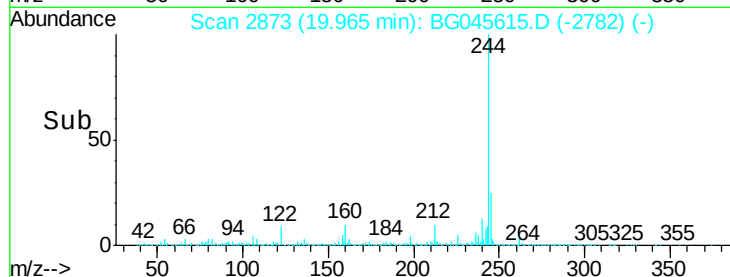
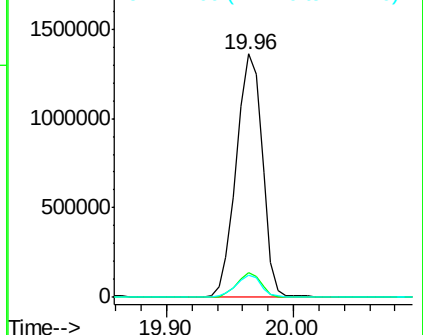
6/8/2020 12:48:52 PM



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: 20.00 ng

RT: 24.76 min Scan# 3689

Delta R.T. 0.01 min

Lab File: BG045615.D

Acq: 5 Jun 2020 13:56

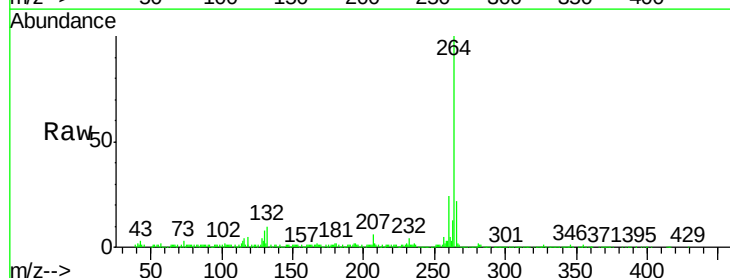
Tgt Ion:264 Resp: 408956

Ion Ratio Lower Upper

264 100

260 23.6 18.2 27.4

265 21.8 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

