

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
 Data File : BG045552.D
 Acq On : 30 May 2020 12:41
 Operator : CG/JU
 Sample : L2757-02DL 10X
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP4DL

Manual Integrations
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Quant Time: Jun 01 14:29:03 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 29 11:17:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	57846	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	234170	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	178763	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	414973	20.00	ng	0.00
76) Chrysene-d12	21.60	240	414996	20.00	ng	-0.01
87) Perylene-d12	24.75	264	446607	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	43893	14.83	ng	0.00
7) Phenol-d6	7.16	99	55378	13.14	ng	-0.01
23) Nitrobenzene-d5	9.11	82	50834	11.84	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	38885	17.01	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	122235	11.60	ng	0.00
79) Terphenyl-d14	19.96	244	230807	12.97	ng	0.00
Target Compounds						
10) Phenol	7.18	94	110064	25.35	ng	98
17) 2-Methylphenol	8.42	107	144291	44.40	ng	97
20) 3+4-Methylphenols	8.76	107	311487	70.38	ng	93
27) 2,4-Dimethylphenol	9.95	122	219248m	75.11	ng	

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

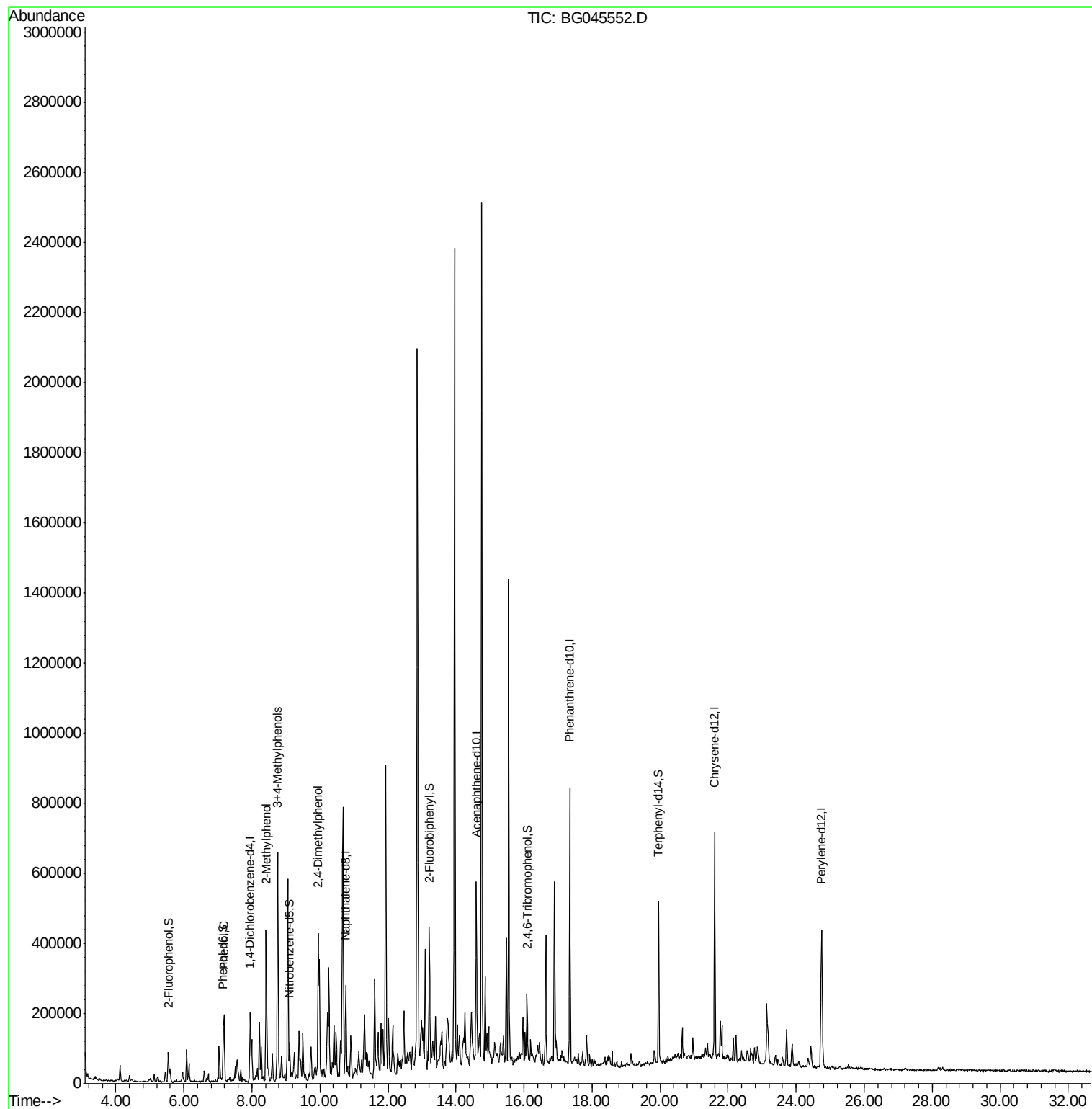
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
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Misc :
ALS Vial : 33 Sample Multiplier: 1

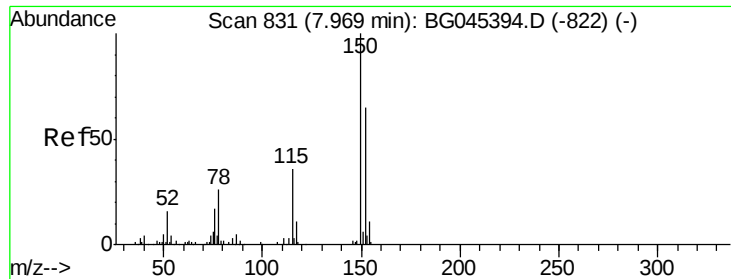
Instrument :
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QLast Update : Fri May 29 11:17:45 2020
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#1

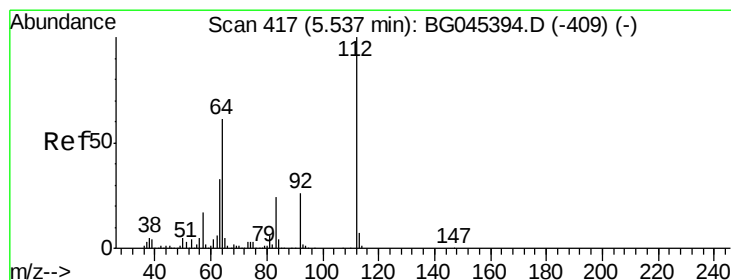
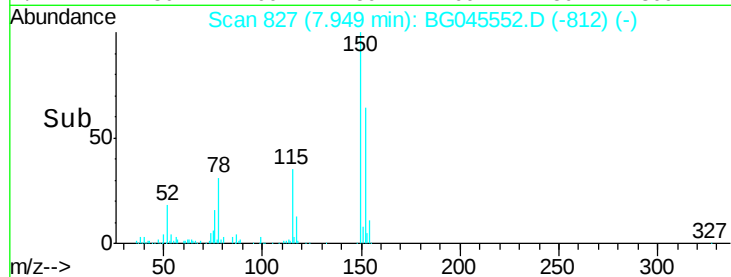
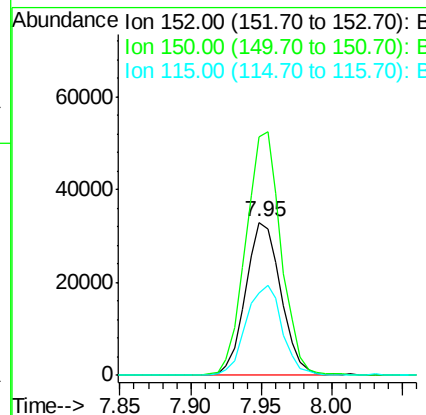
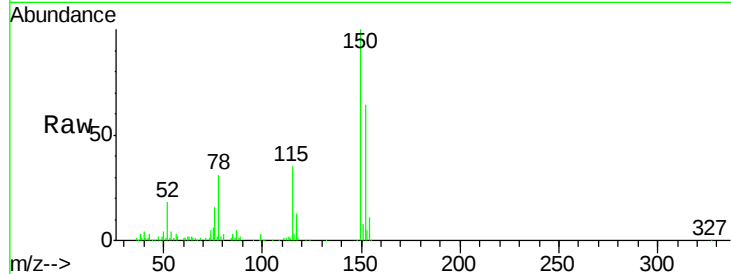
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045552.D
Acq: 30 May 2020 12:41

Instrument :
BNA_G
ClientSampleId :
C0AP4DL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	155.5	122.4	183.6
115	54.0	44.2	66.4

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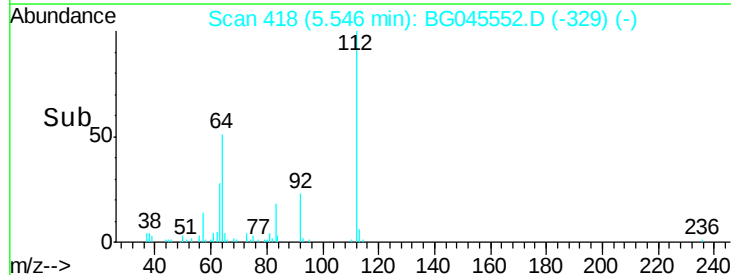
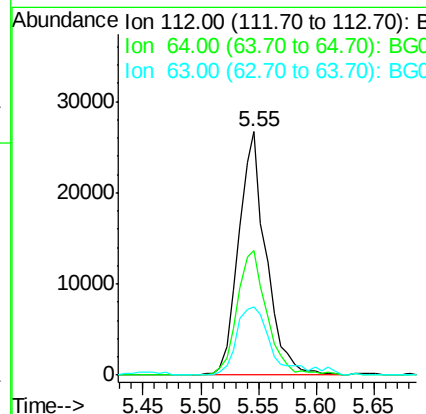
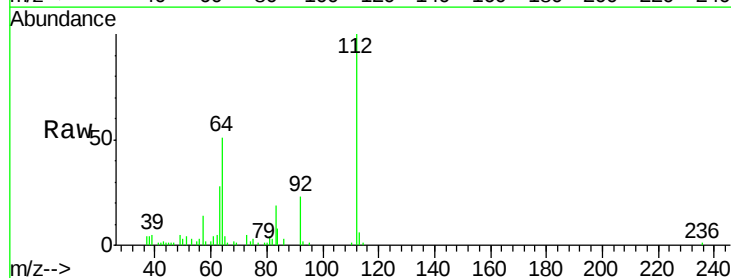
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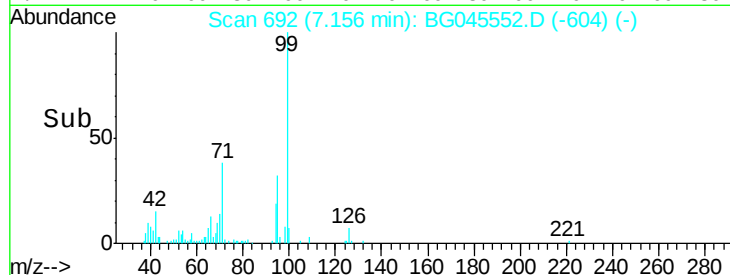
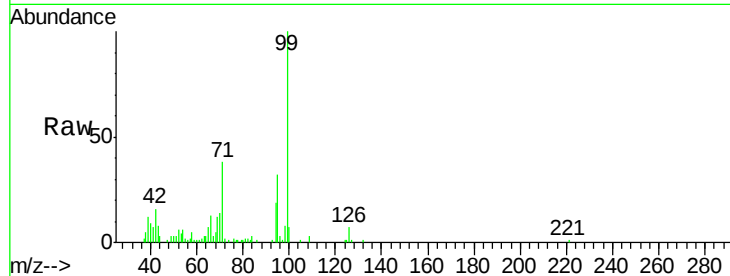
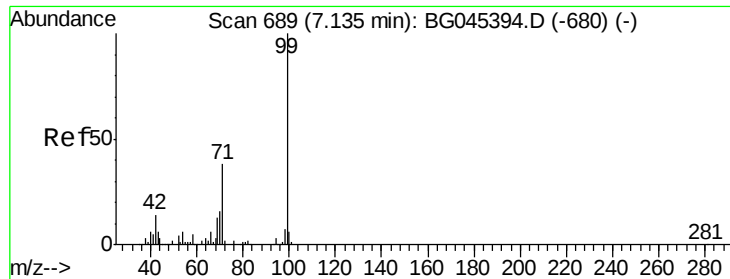


#5

2-Fluorophenol
Concen: 14.83 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.00 min
Lab File: BG045552.D
Acq: 30 May 2020 12:41

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.0	48.6	72.8
63	28.1	26.5	39.7





#7

Phenol-d6

Concen: 13.14 ng

RT: 7.16 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045552.D

Acq: 30 May 2020 12:41

Tgt Ion:	99	Resp:	55378
Ion	Ratio	Lower	Upper
99	100		
42	15.7	11.3	16.9
71	38.2	30.8	46.2

Instrument :

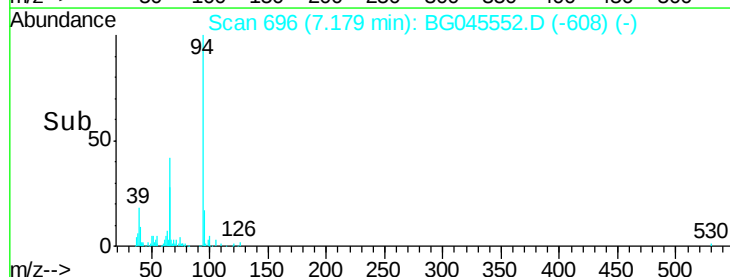
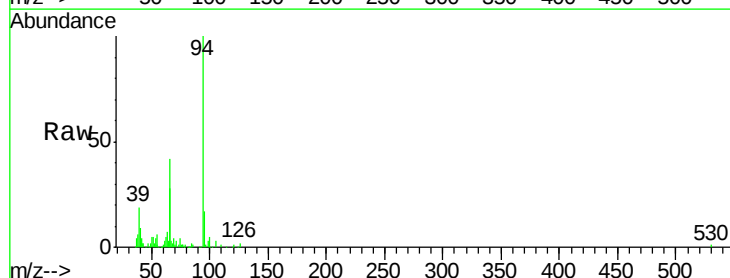
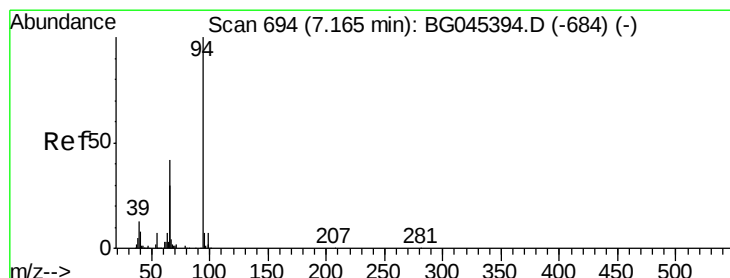
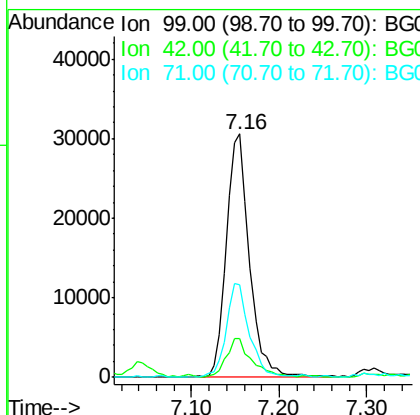
BNA_G

ClientSampleId :

C0AP4DL

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#10

Phenol

Concen: 25.35 ng

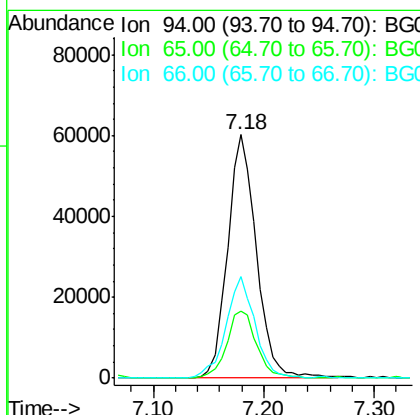
RT: 7.18 min Scan# 696

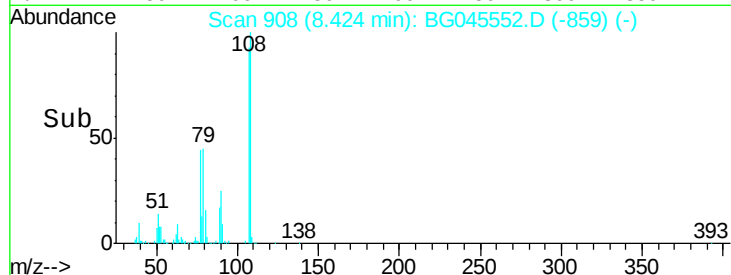
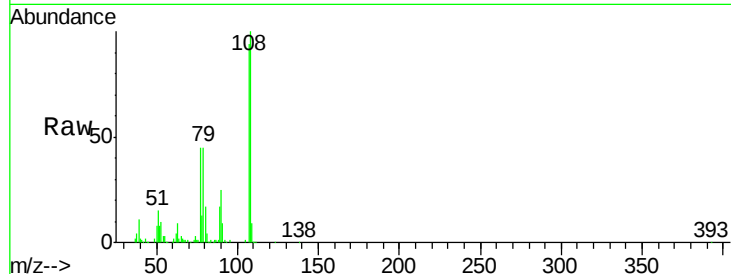
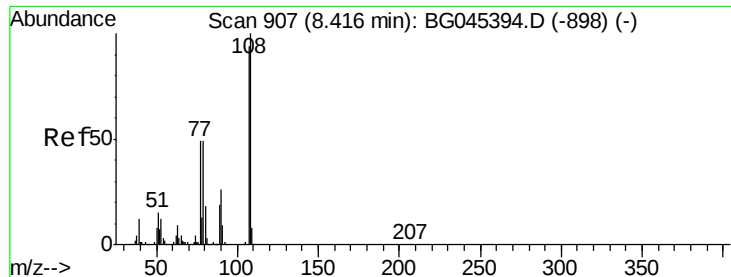
Delta R.T. -0.01 min

Lab File: BG045552.D

Acq: 30 May 2020 12:41

Tgt Ion:	94	Resp:	110064
Ion	Ratio	Lower	Upper
94	100		
65	27.7	9.8	49.8
66	41.8	22.0	62.0





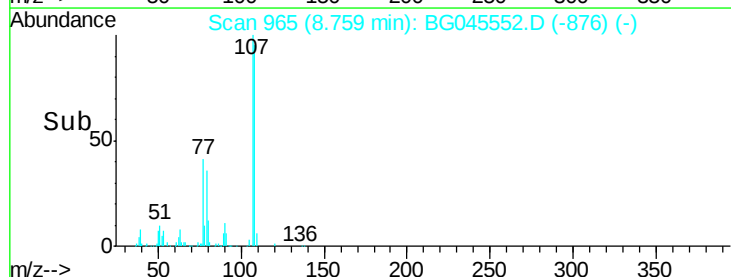
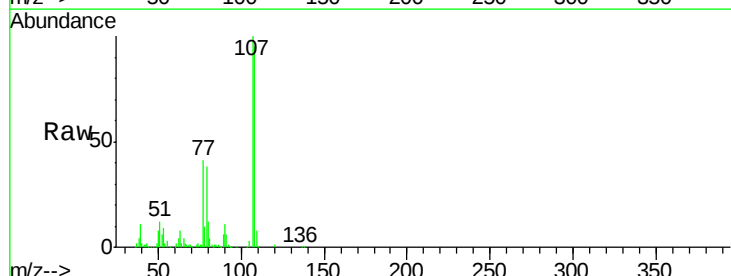
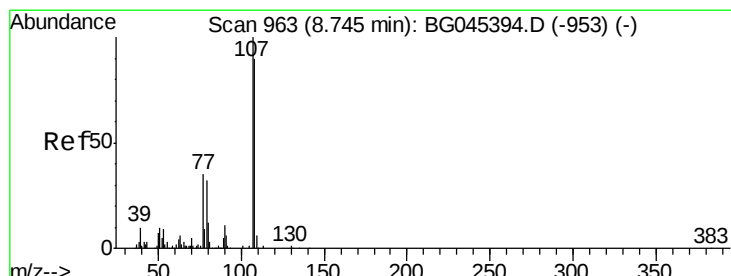
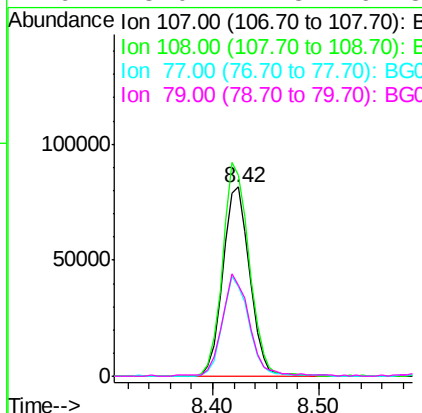
#17
2-Methylphenol
Concen: 44.40 ng
RT: 8.42 min Scan# 908
Delta R.T. -0.01 min
Lab File: BG045552.D
Acq: 30 May 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	144291		
108	106.7	85.2	127.8	
77	47.7	41.6	62.4	
79	48.0	41.8	62.8	

Instrument :
BNA_G
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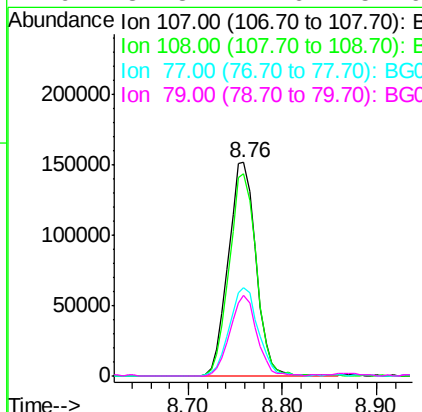
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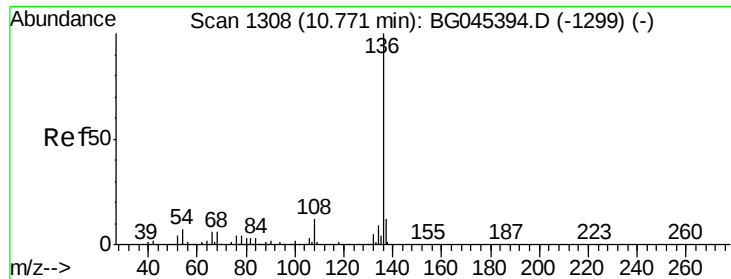
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#20
3+4-Methylphenols
Concen: 70.38 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.00 min
Lab File: BG045552.D
Acq: 30 May 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	311487		
108	95.0	70.3	110.3	
77	41.5	15.4	55.4	
79	37.8	12.6	52.6	





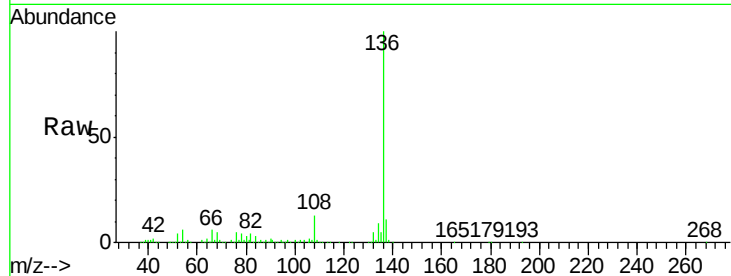
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BG045552.D
Acq: 30 May 2020 12:41

Instrument :
BNA_G
ClientSampleId :
C0AP4DL

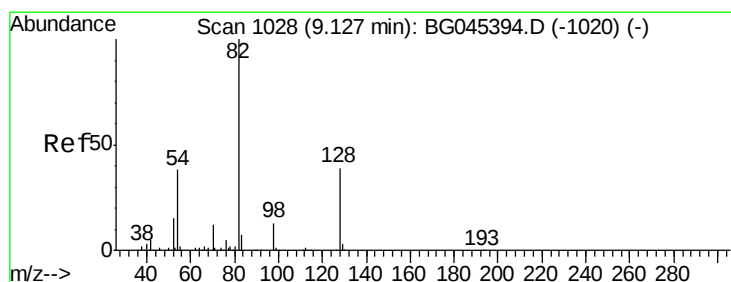
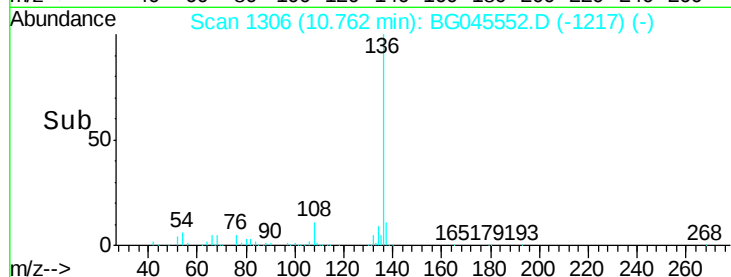
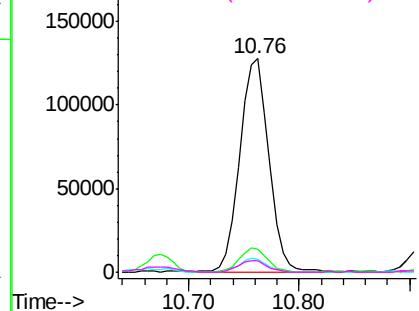
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	234170		
137	10.7	9.4	14.2	
54	6.1	5.8	8.6	
68	5.2	4.5	6.7	

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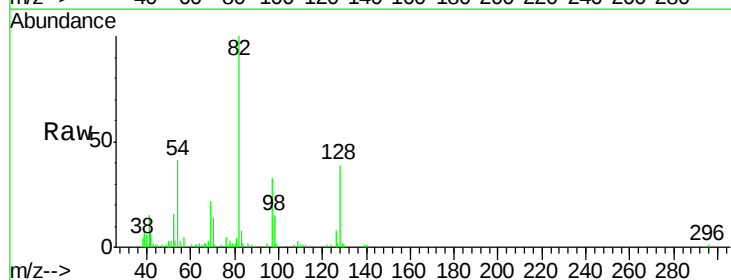


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

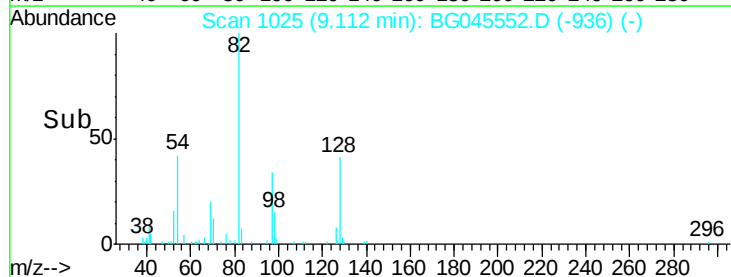
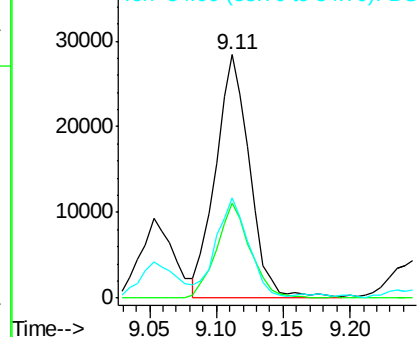


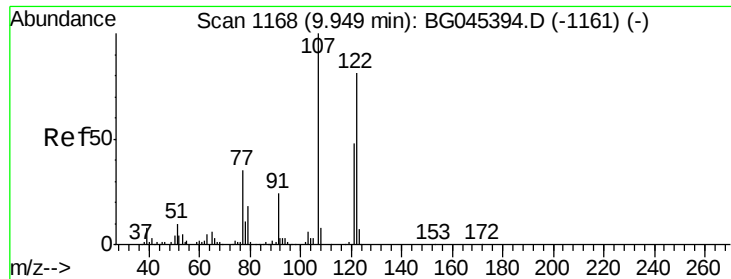
#23
Nitrobenzene-d5
Concen: 11.84 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG045552.D
Acq: 30 May 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	50834		
128	38.8	30.9	46.3	
54	41.1	30.3	45.5	



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC





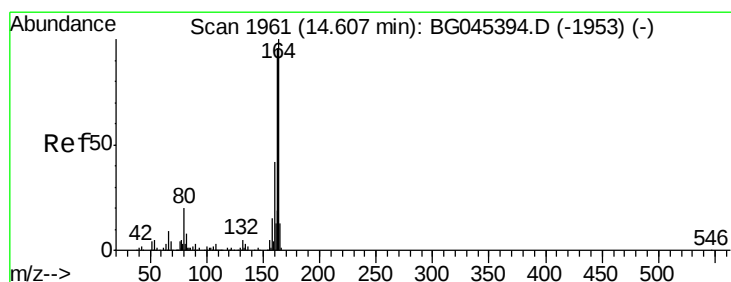
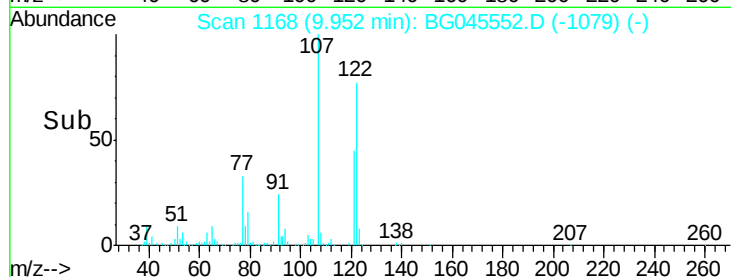
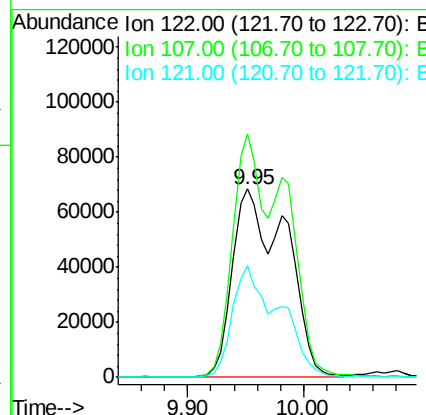
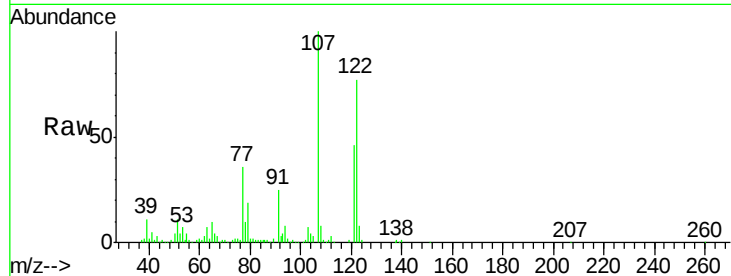
#27
2,4-Dimethylphenol
Concen: 75.11 ng m
RT: 9.95 min Scan# 1168
Delta R.T. -0.00 min
Lab File: BG045552.D
Acq: 30 May 2020 12:41

Instrument :
BNA_G
ClientSampleId :
C0AP4DL

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	219248		
107	129.5	99.0	148.4	
121	59.6	47.7	71.5	

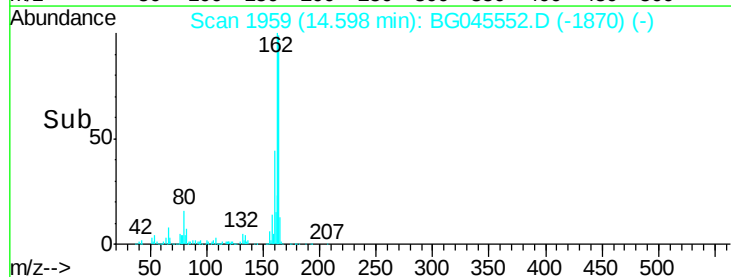
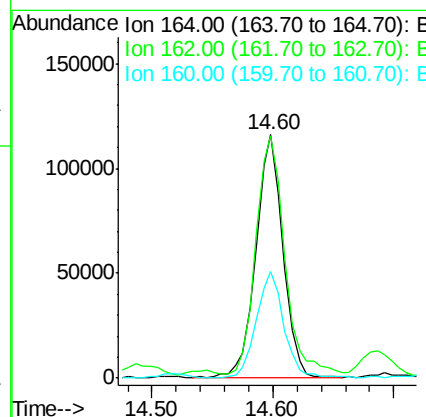
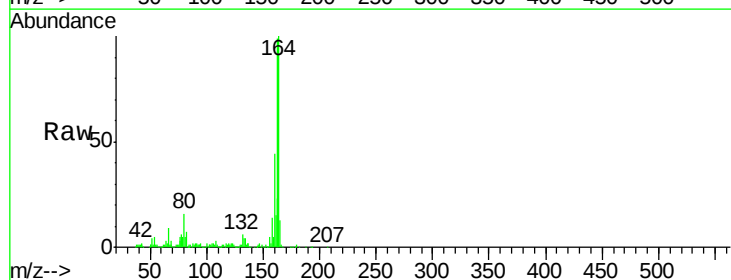
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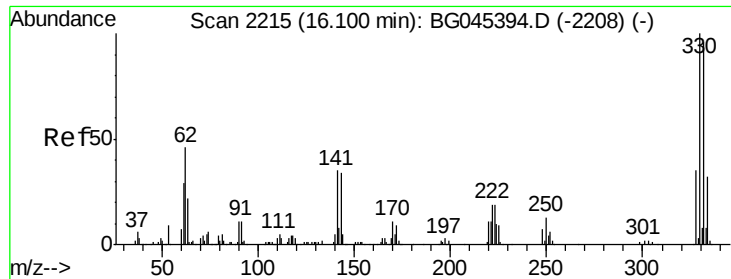
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.00 min
Lab File: BG045552.D
Acq: 30 May 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	178763		
162	99.4	76.9	115.3	
160	44.0	33.8	50.8	





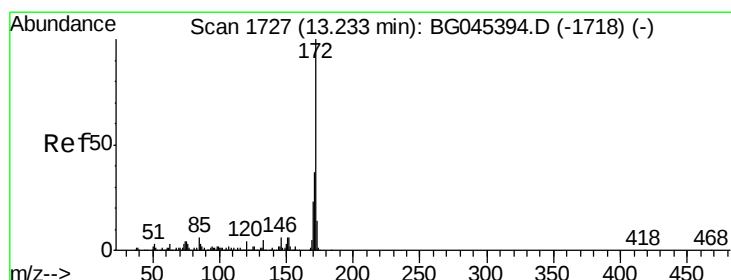
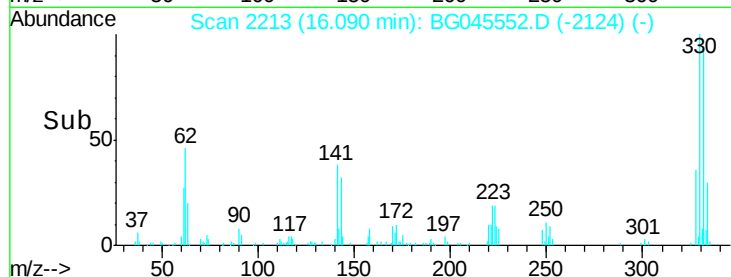
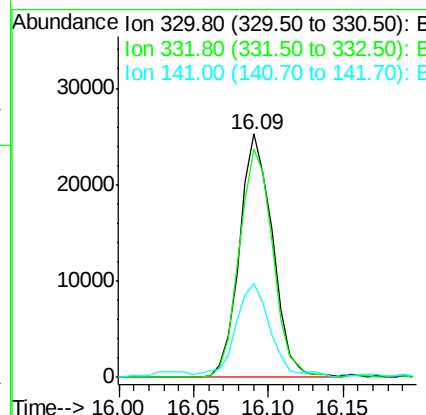
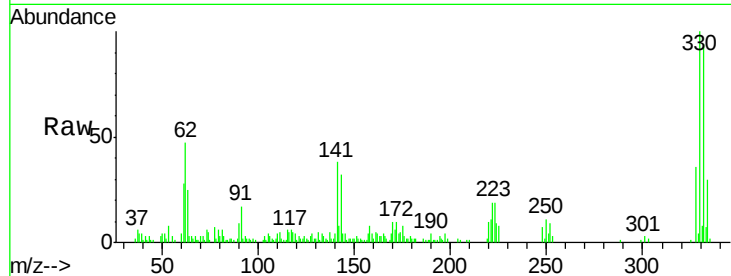
#42
 2,4,6-Tribromophenol
 Concen: 17.01 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.00 min
 Lab File: BG045552.D
 Acq: 30 May 2020 12:41

Instrument :
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 ClientSampleId :
 C0AP4DL

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	38885		
332	95.1	78.2	117.4	
141	41.4	28.2	42.4	

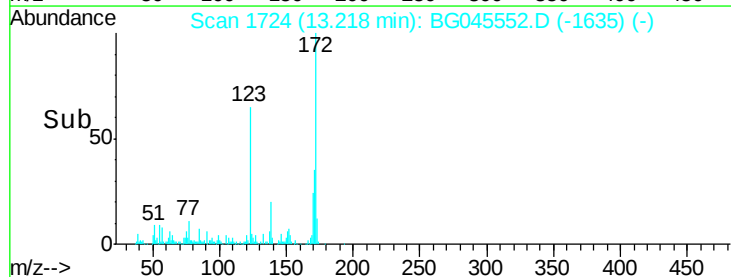
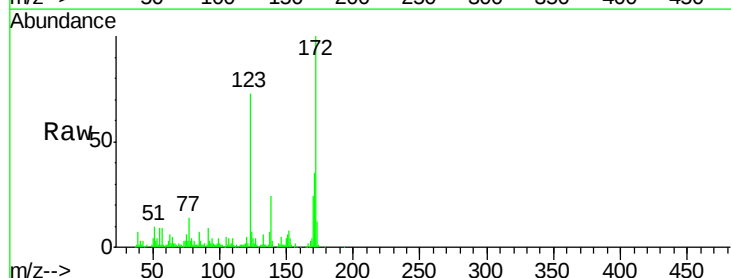
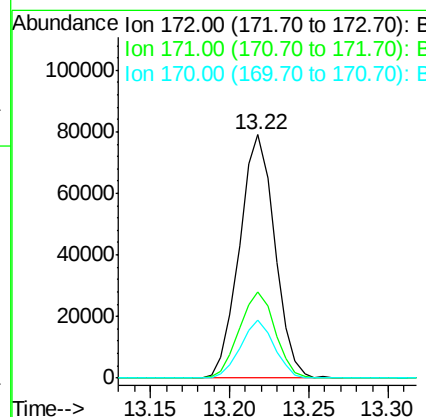
Manual Integrations
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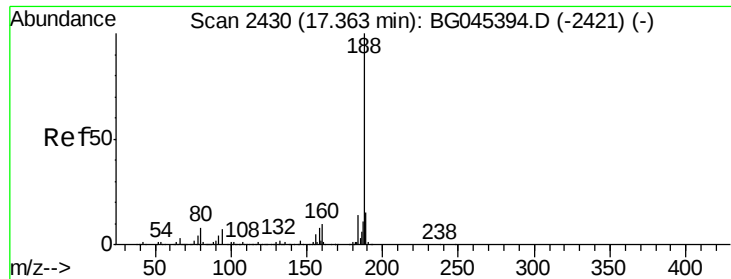
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#45
 2-Fluorobiphenyl
 Concen: 11.60 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG045552.D
 Acq: 30 May 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	122235		
171	35.3	29.5	44.3	
170	24.0	18.5	27.7	





#64

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045552.D

Acq: 30 May 2020 12:41

Instrument :

BNA_G

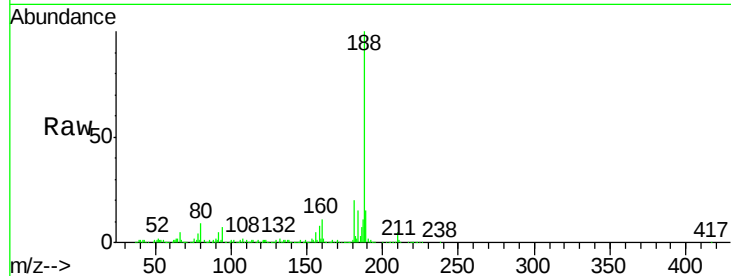
ClientSampleId :

C0AP4DL

Tgt Ion:	188	Resp:	414973
Ion Ratio	Lower	Upper	
188	100		
94	7.4	5.5	8.3
80	8.7	6.6	10.0

Manual Integrations
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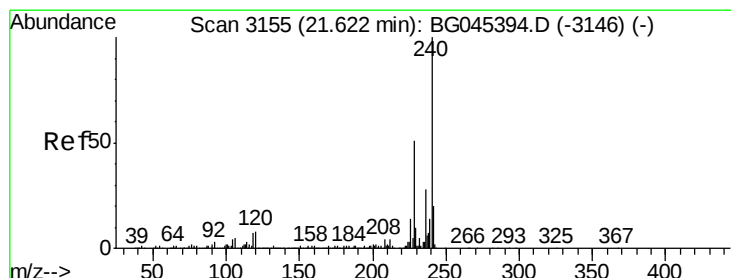
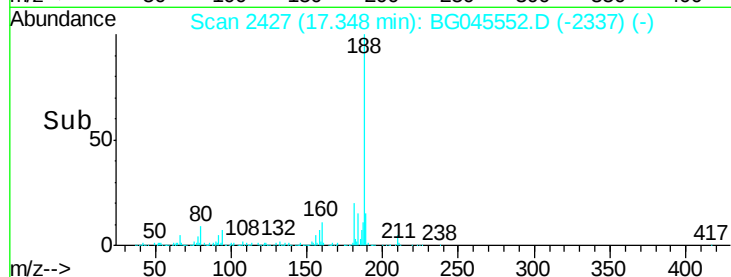
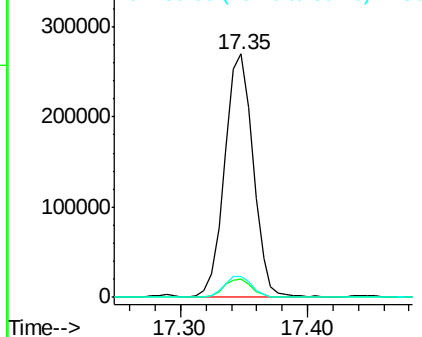
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Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#76

Chrysene-d12

Concen: 20.00 ng

RT: 21.60 min Scan# 3151

Delta R.T. -0.01 min

Lab File: BG045552.D

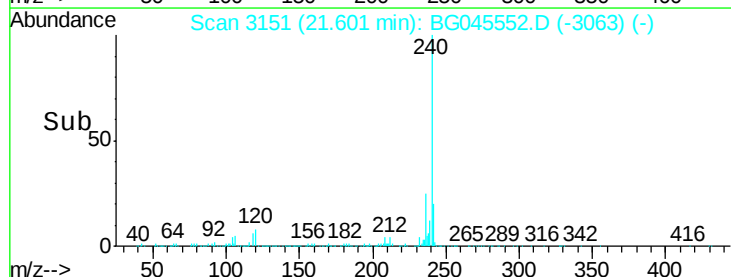
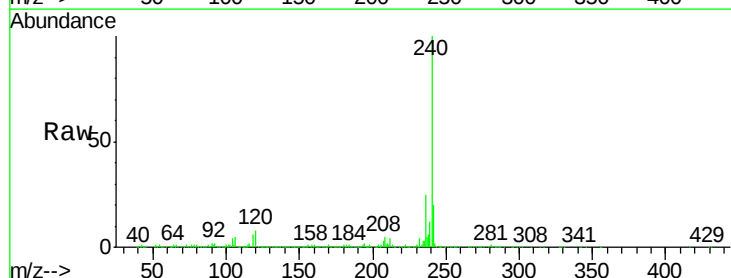
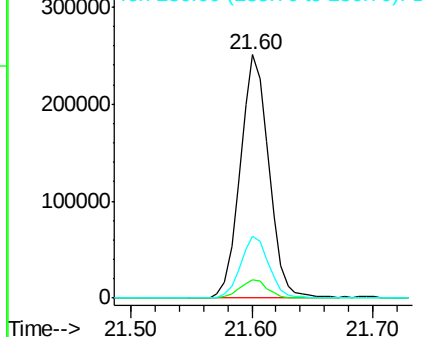
Acq: 30 May 2020 12:41

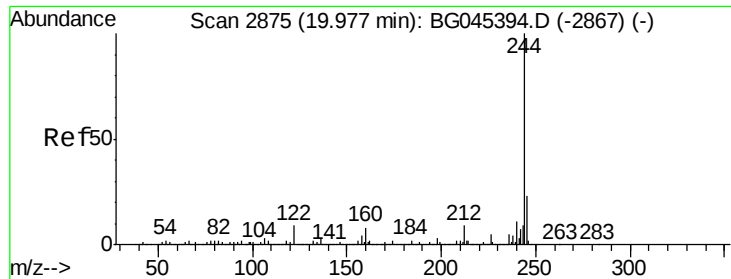
Tgt Ion:	240	Resp:	414996
Ion Ratio	Lower	Upper	
240	100		
120	7.5	6.1	9.1
236	25.2	22.3	33.5

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





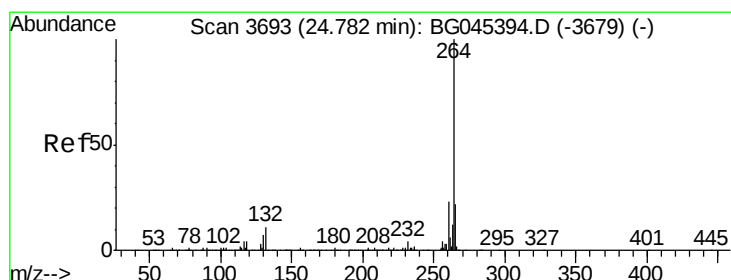
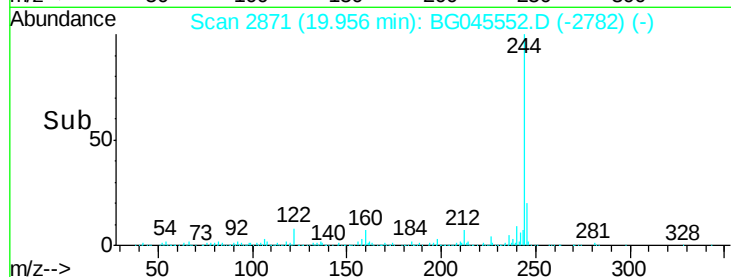
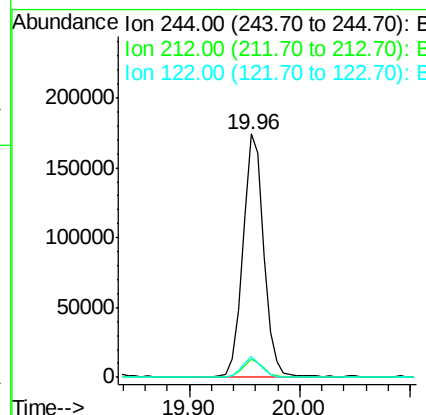
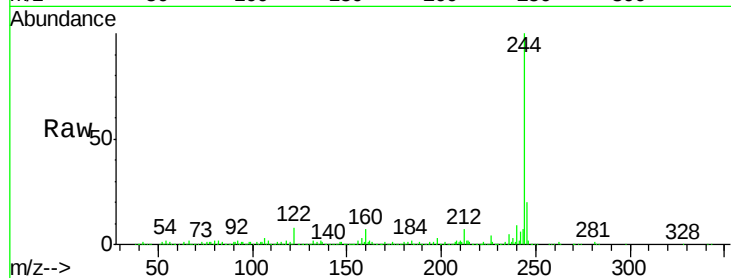
#79
 Terphenyl-d14
 Concen: 12.97 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. -0.00 min
 Lab File: BG045552.D
 Acq: 30 May 2020 12:41

Instrument :
 BNA_G
 ClientSampleId :
 C0AP4DL

Tgt Ion	Ratio	Resp	Lower	Upper
244	100	230807		
212	7.4	7.4	11.0	
122	8.4	6.8	10.2	

Manual Integrations
 APPROVED

mohammad
 6/1/2020 12:23:04 PM



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.75 min Scan# 3687
 Delta R.T. -0.00 min
 Lab File: BG045552.D
 Acq: 30 May 2020 12:41

Tgt Ion	Ratio	Resp	Lower	Upper
264	100	446607		
260	23.9	18.2	27.4	
265	21.8	17.6	26.4	

