

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
 Data File : BG045551.D
 Acq On : 30 May 2020 12:02
 Operator : CG/JU
 Sample : L2757-01DL 20X
 Misc :
 ALS Vial : 32 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP3DL

Manual Integrations
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Quant Time: Jun 01 14:26:24 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	60675	20.00	ng	-0.01
21) Naphthalene-d8	10.76	136	240341	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	179050	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	405335	20.00	ng	0.00
76) Chrysene-d12	21.60	240	411357	20.00	ng	-0.01
87) Perylene-d12	24.75	264	440346	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	24128	7.77	ng	0.00
7) Phenol-d6	7.15	99	33726	7.63	ng	-0.01
23) Nitrobenzene-d5	9.11	82	29373	6.66	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	21253	9.28	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	68566	6.50	ng	0.00
79) Terphenyl-d14	19.96	244	124781	7.07	ng	0.00
Target Compounds						
10) Phenol	7.18	94	128172	28.14	ng	98
17) 2-Methylphenol	8.42	107	160687	47.14	ng	94
20) 3+4-Methylphenols	8.76	107	344994	74.32	ng	93
27) 2,4-Dimethylphenol	9.95	122	217718m	72.67	ng	

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

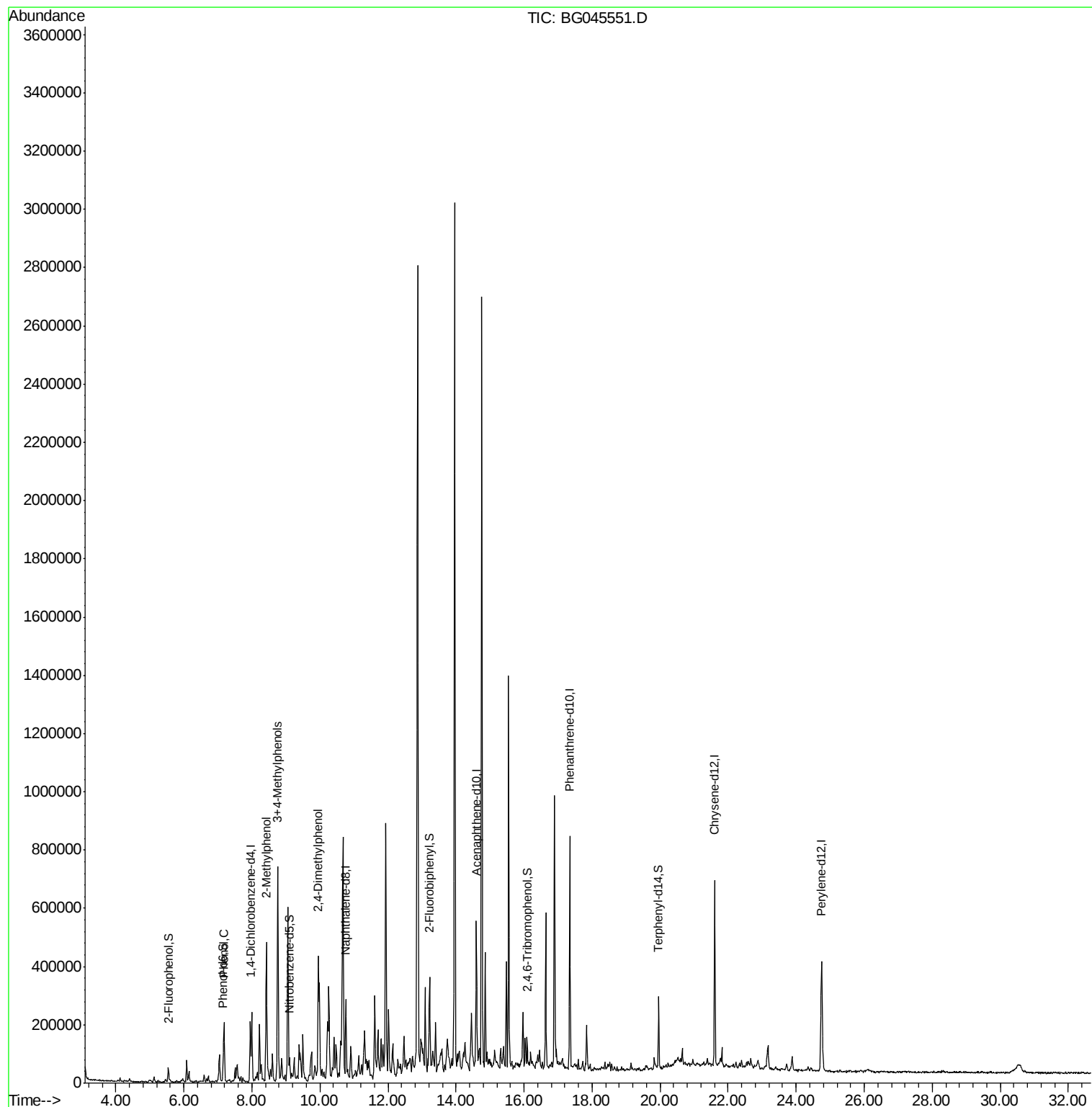
Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG052920\
Data File : BG045551.D
Acq On : 30 May 2020 12:02
Operator : CG/JU
Sample : L2757-01DL 20X
Misc :
ALS Vial : 32 Sample Multiplier: 1

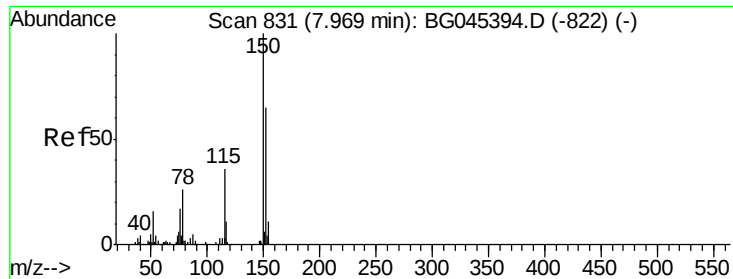
Instrument :
BNA_G
ClientSampleId :
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Quant Time: Jun 01 14:26:24 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Response via : Initial Calibration





#1

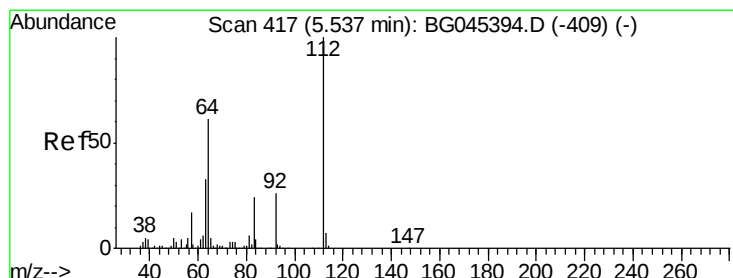
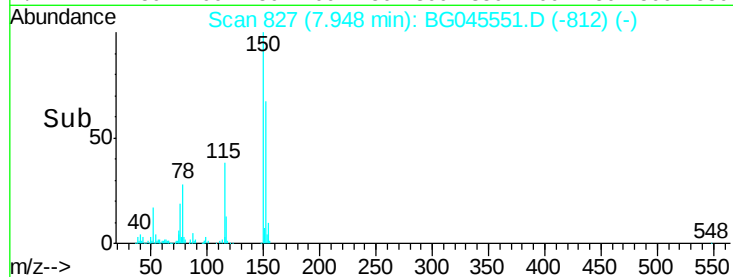
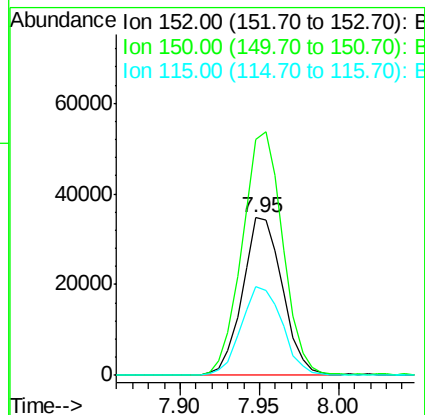
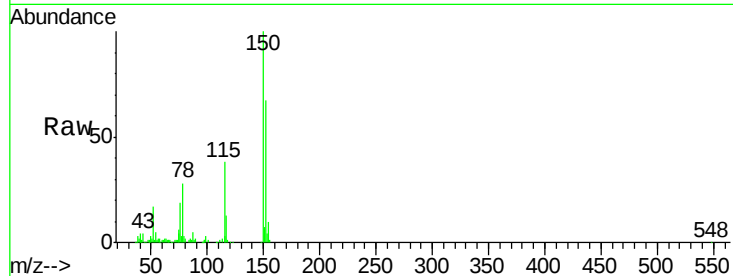
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.95 min Scan# 827
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampleId :
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Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.7	122.4	183.6
115	56.3	44.2	66.4

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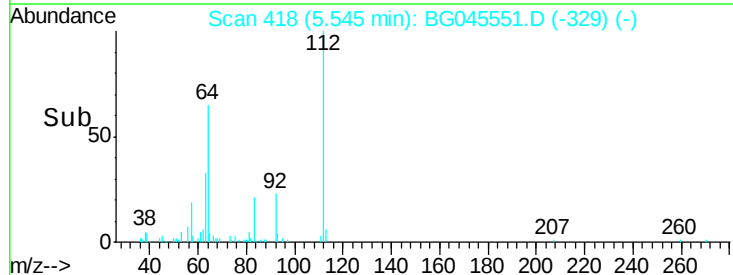
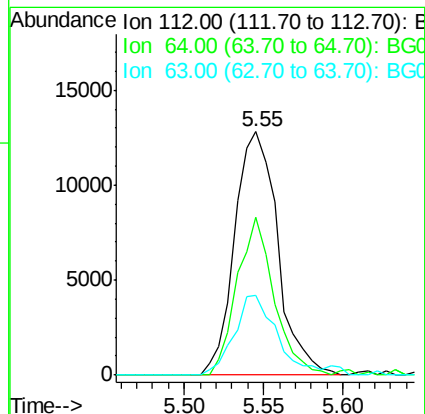
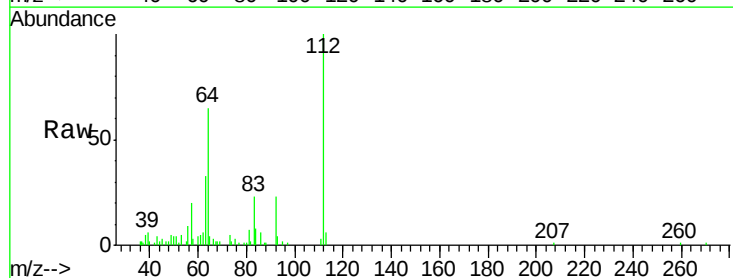
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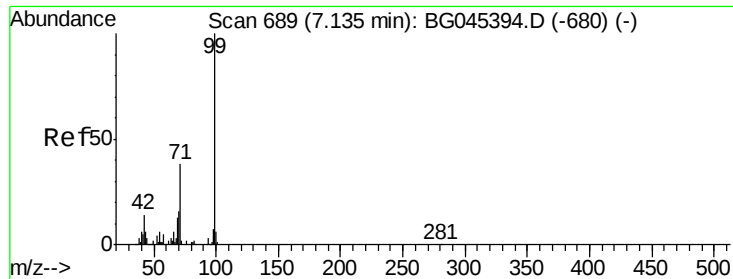


#5

2-Fluorophenol
Concen: 7.77 ng
RT: 5.55 min Scan# 418
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.8	48.6	72.8
63	33.0	26.5	39.7





#7

Phenol-d6

Concen: 7.63 ng

RT: 7.15 min Scan# 692

Delta R.T. -0.01 min

Lab File: BG045551.D

Acq: 30 May 2020 12:02

Instrument :

BNA_G

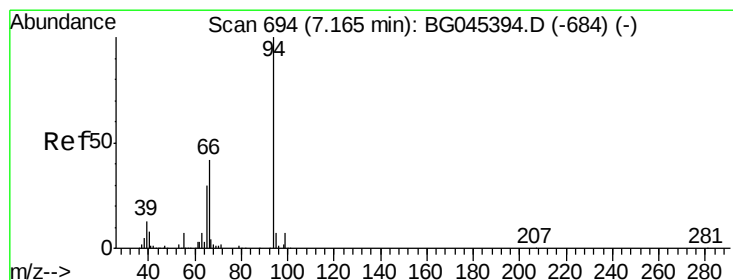
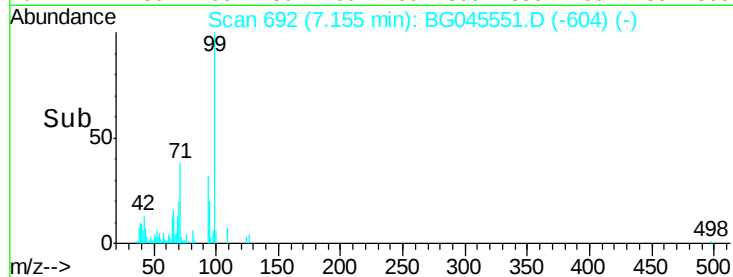
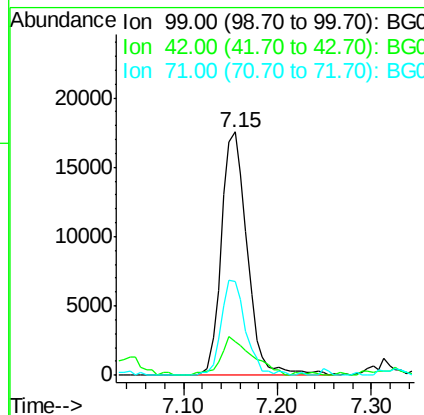
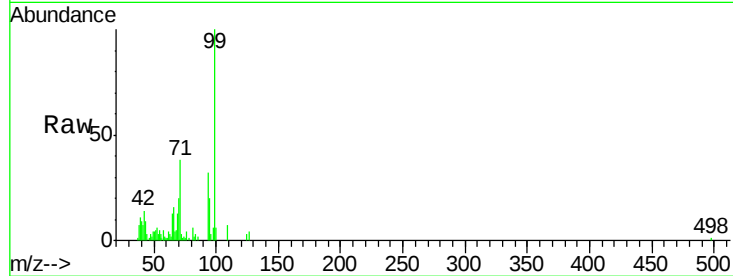
ClientSampleId :

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Tgt Ion:	99	Resp:	33726
Ion	Ratio	Lower	Upper
99	100		
42	13.9	11.3	16.9
71	38.3	30.8	46.2

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#10

Phenol

Concen: 28.14 ng

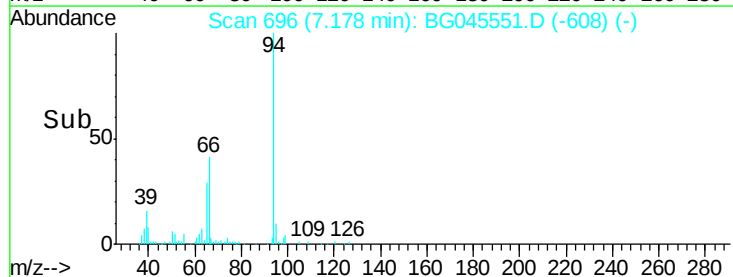
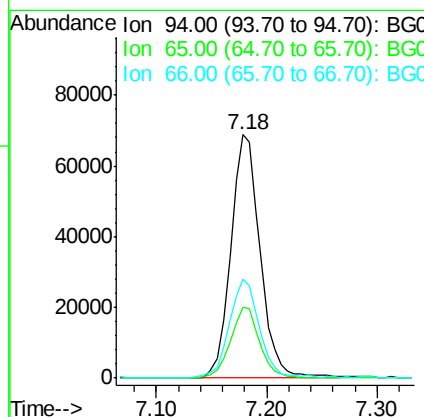
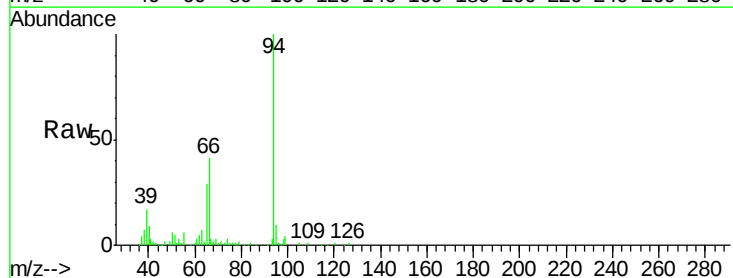
RT: 7.18 min Scan# 696

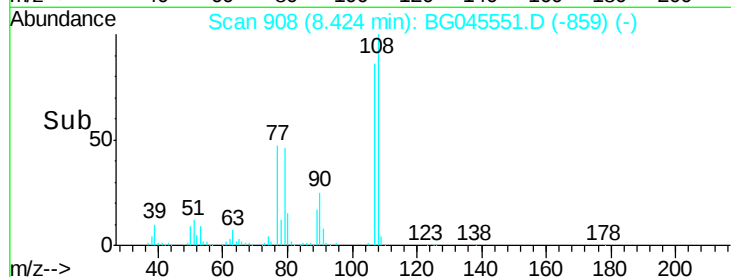
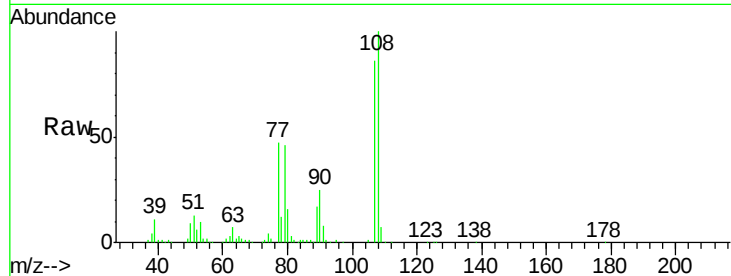
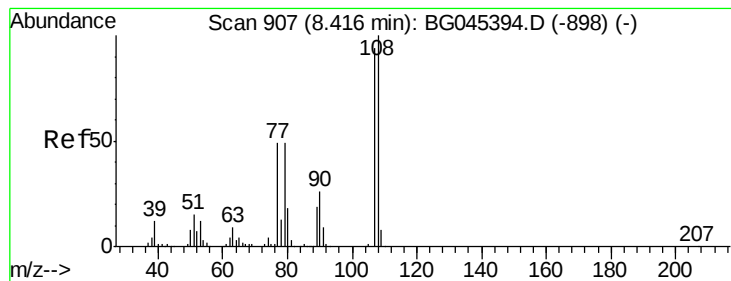
Delta R.T. -0.01 min

Lab File: BG045551.D

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Tgt Ion:	94	Resp:	128172
Ion	Ratio	Lower	Upper
94	100		
65	28.9	9.8	49.8
66	40.8	22.0	62.0





#17

2-Methylphenol

Concen: 47.14 ng

RT: 8.42 min Scan# 908

Delta R.T. -0.01 min

Lab File: BG045551.D

Acq: 30 May 2020 12:02

Tgt	Ion	Resp	Lower	Upper
107	100			
108	115.9	85.2	127.8	
77	54.3	41.6	62.4	
79	53.1	41.8	62.8	

Instrument :

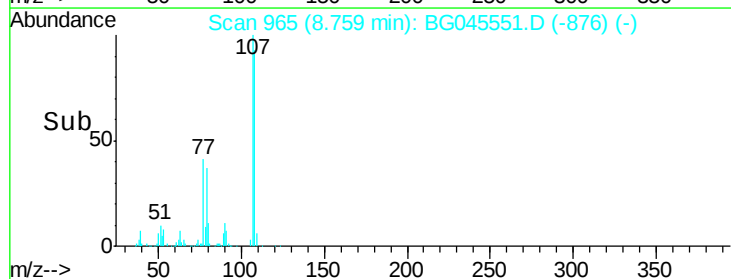
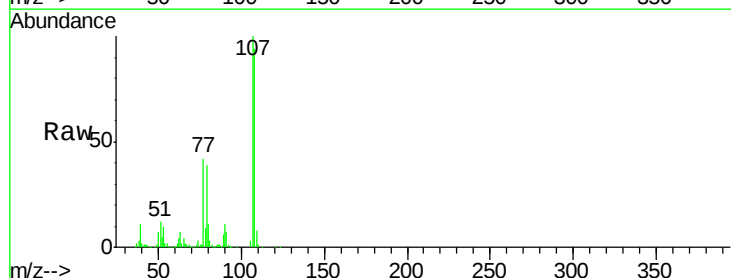
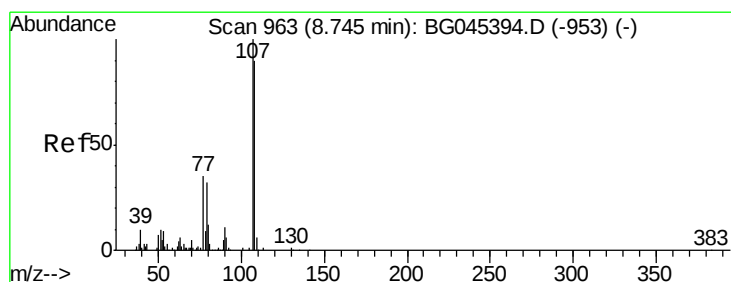
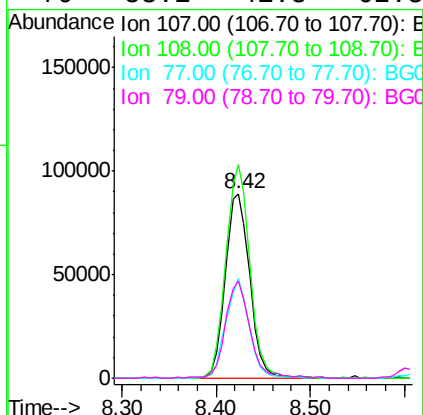
BNA_G

ClientSampleId :

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#20

3+4-Methylphenols

Concen: 74.32 ng

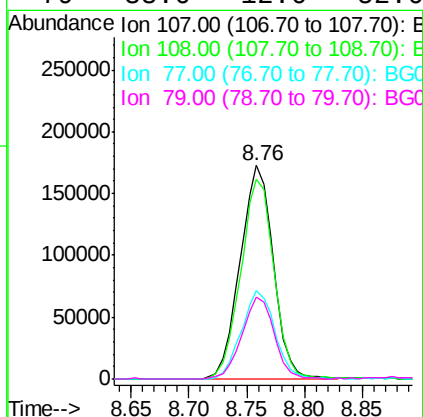
RT: 8.76 min Scan# 965

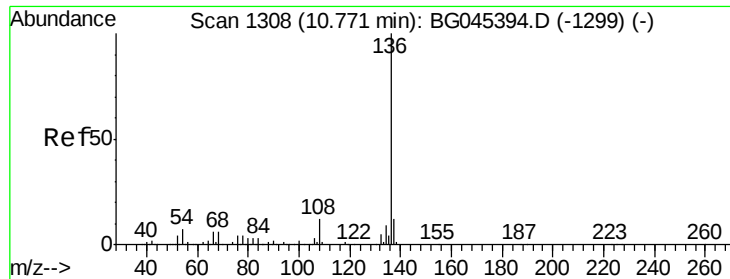
Delta R.T. -0.01 min

Lab File: BG045551.D

Acq: 30 May 2020 12:02

Tgt	Ion	Resp	Lower	Upper
107	100			
108	93.6	70.3	110.3	
77	41.6	15.4	55.4	
79	38.6	12.6	52.6	





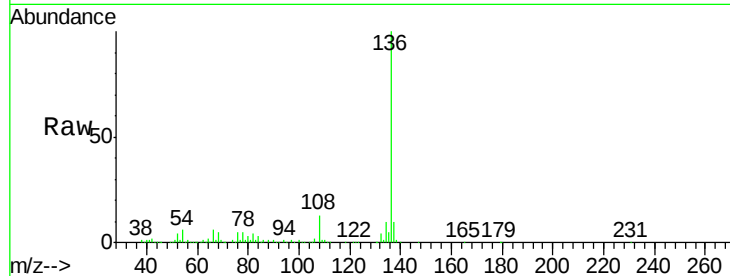
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1306
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampleId :
C0AP3DL

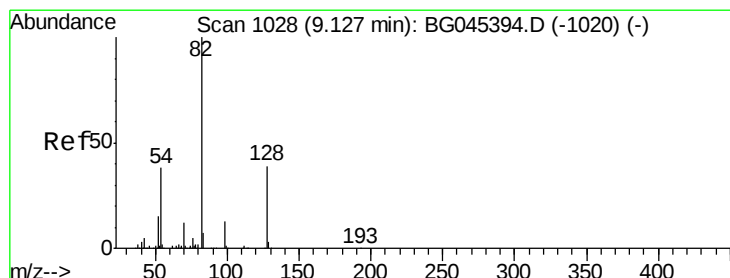
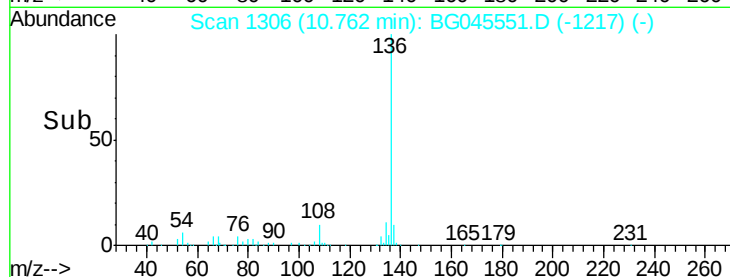
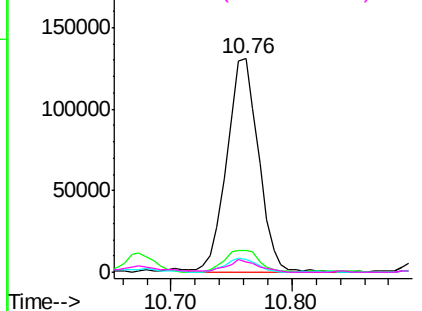
Tgt Ion	Ratio	Resp	Lower	Upper
136	100	240341		
137	10.0	9.4	14.2	
54	6.1	5.8	8.6	
68	4.8	4.5	6.7	

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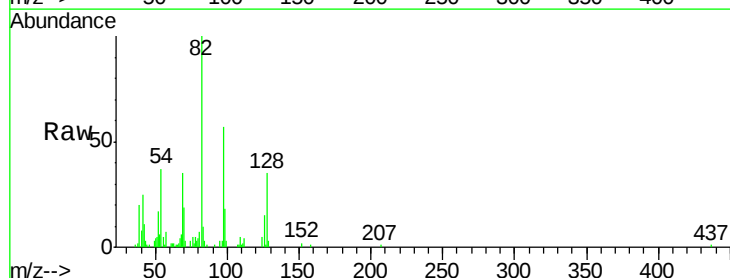


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

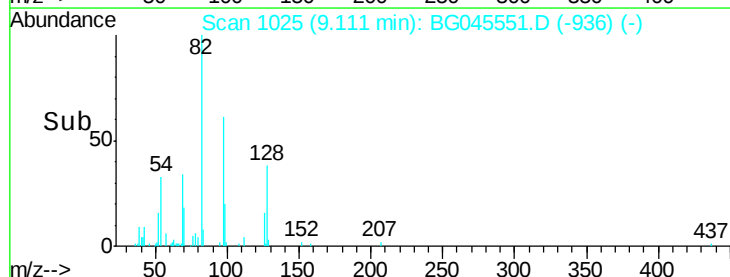
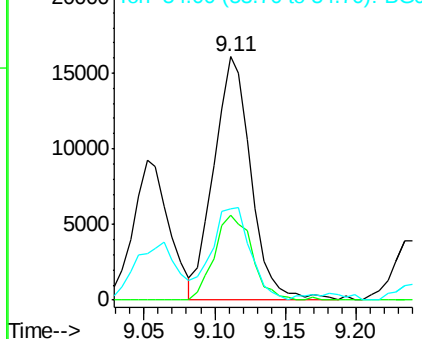


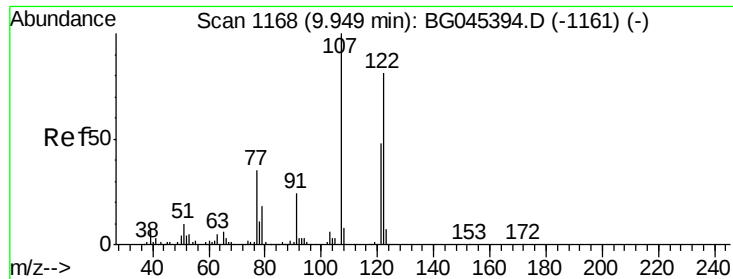
#23
Nitrobenzene-d5
Concen: 6.66 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	29373		
128	35.1	30.9	46.3	
54	37.3	30.3	45.5	



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





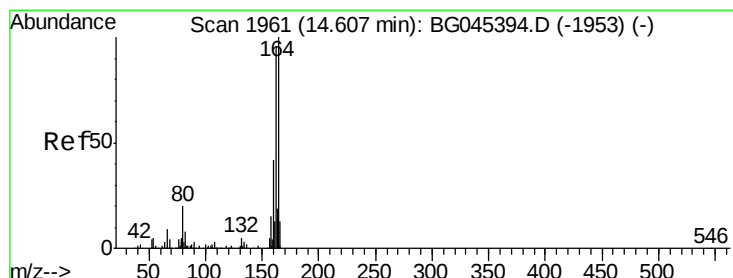
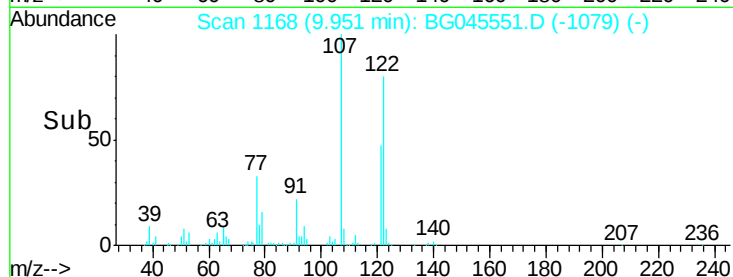
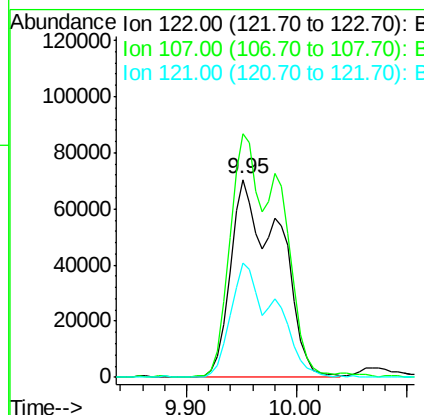
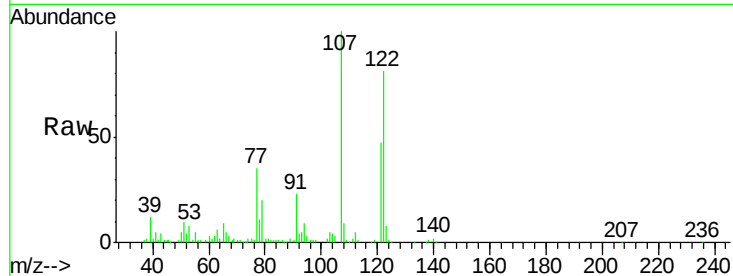
#27
2,4-Dimethylphenol
Concen: 72.67 ng m
RT: 9.95 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Instrument :
BNA_G
ClientSampled :
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Tgt Ion	Ratio	Resp	Lower	Upper
122	100	217718		
107	123.2	99.0	148.4	
121	57.6	47.7	71.5	

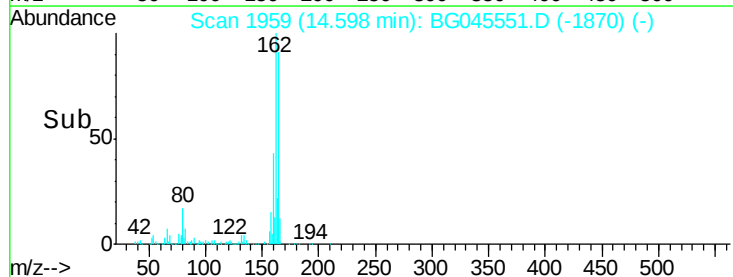
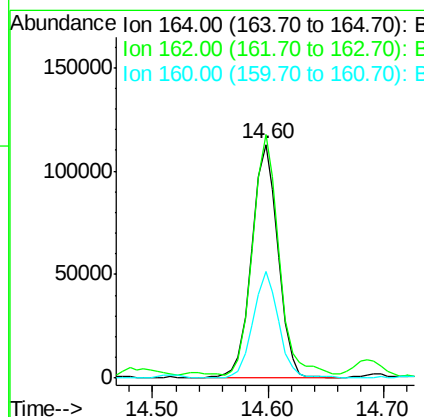
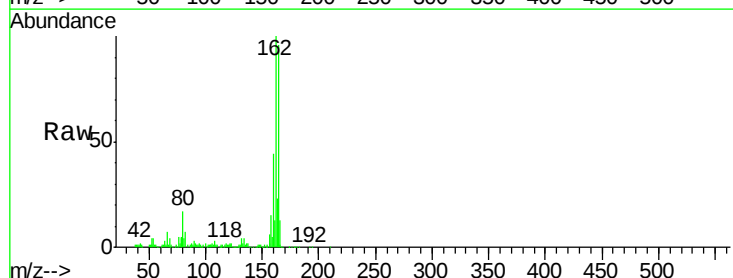
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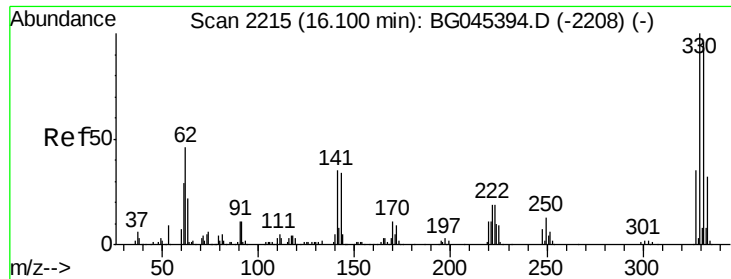
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#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.60 min Scan# 1959
Delta R.T. -0.01 min
Lab File: BG045551.D
Acq: 30 May 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
164	100	179050		
162	104.1	76.9	115.3	
160	45.5	33.8	50.8	





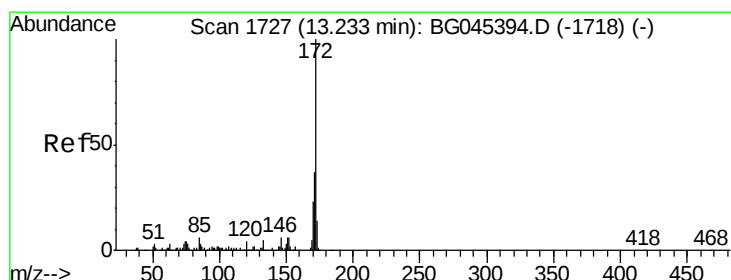
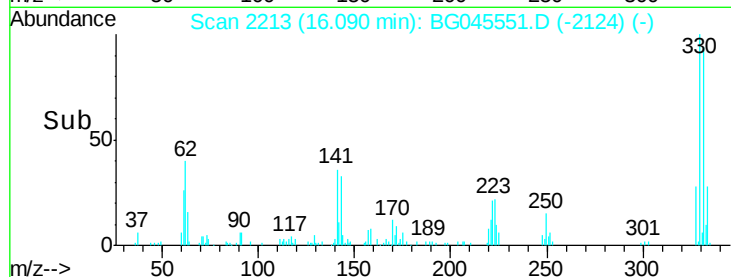
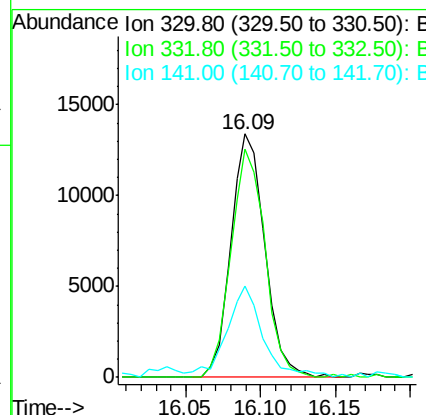
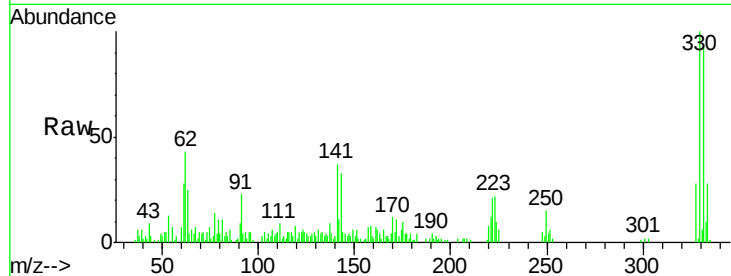
#42
 2,4,6-Tribromophenol
 Concen: 9.28 ng
 RT: 16.09 min Scan# 2213
 Delta R.T. -0.01 min
 Lab File: BG045551.D
 Acq: 30 May 2020 12:02

Instrument :
 BNA_G
 ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
330	100	21253		
332	94.1	78.2	117.4	
141	40.0	28.2	42.4	

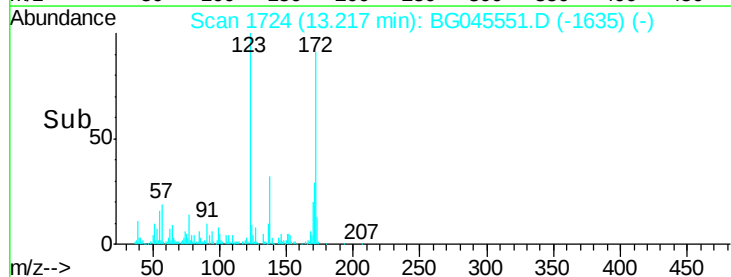
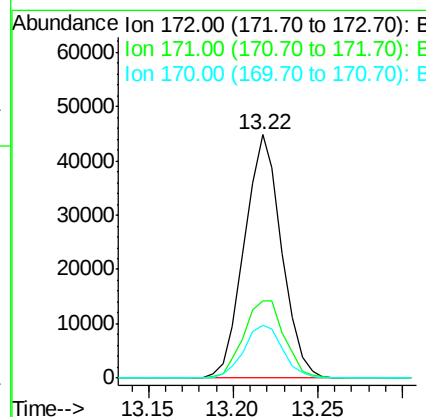
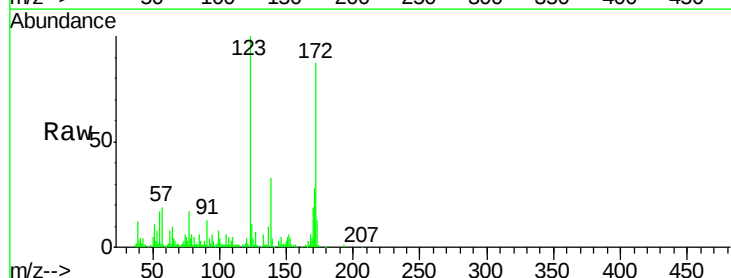
Manual Integrations
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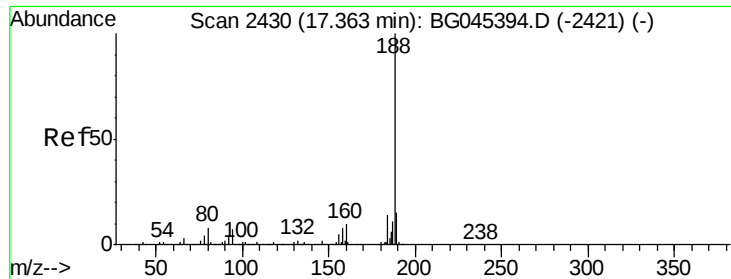
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#45
 2-Fluorobiphenyl
 Concen: 6.50 ng
 RT: 13.22 min Scan# 1724
 Delta R.T. -0.01 min
 Lab File: BG045551.D
 Acq: 30 May 2020 12:02

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	68566		
171	31.8	29.5	44.3	
170	21.8	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: BG045551.D

Acq: 30 May 2020 12:02

Instrument :

BNA_G

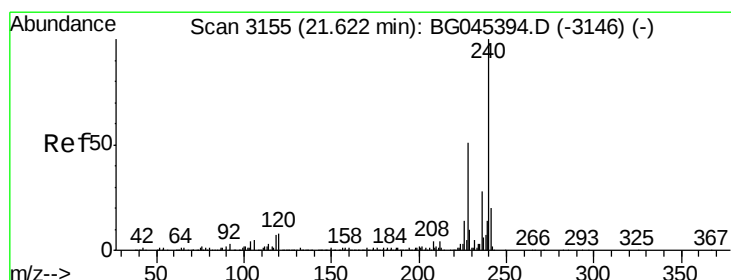
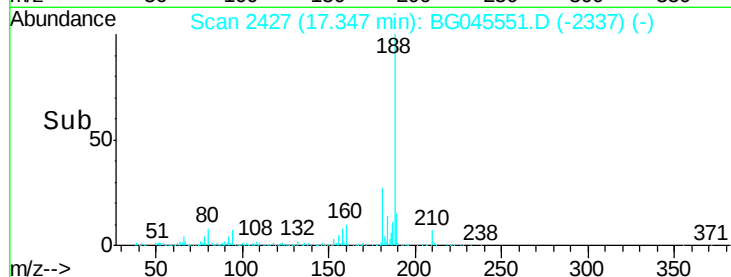
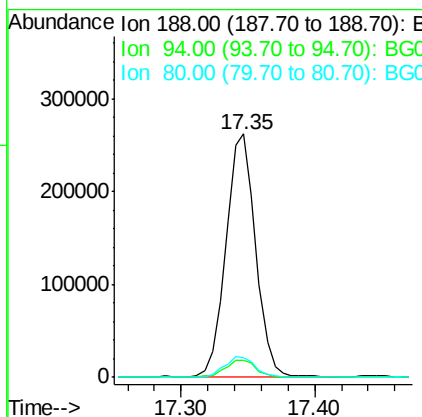
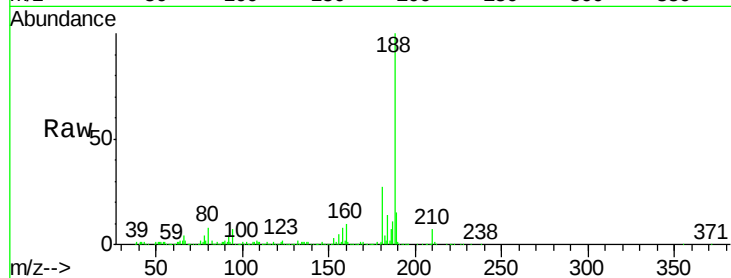
ClientSampleId :

C0AP3DL

Tgt Ion:	188	Resp:	405335
Ion Ratio	Lower	Upper	
188	100		
94	7.0	5.5	8.3
80	8.2	6.6	10.0

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#76

Chrysene-d12

Concen: 20.00 ng

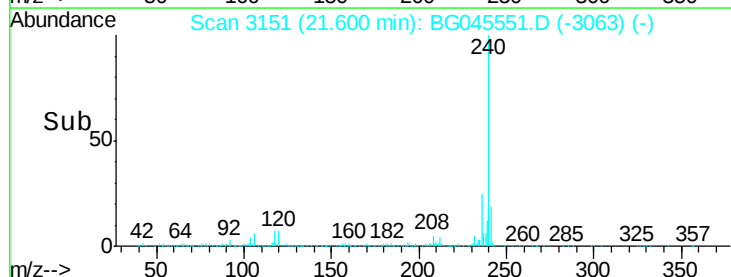
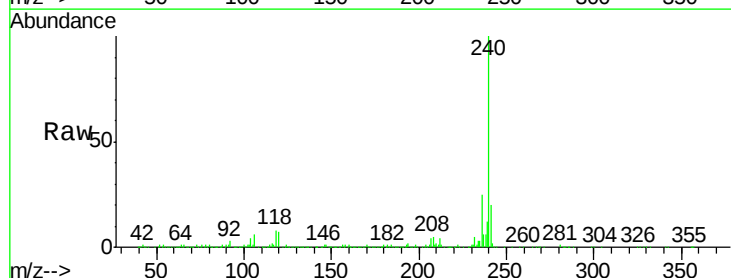
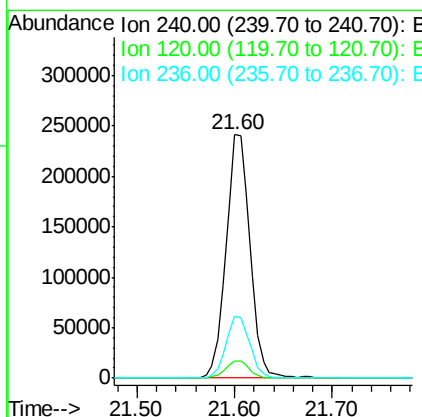
RT: 21.60 min Scan# 3151

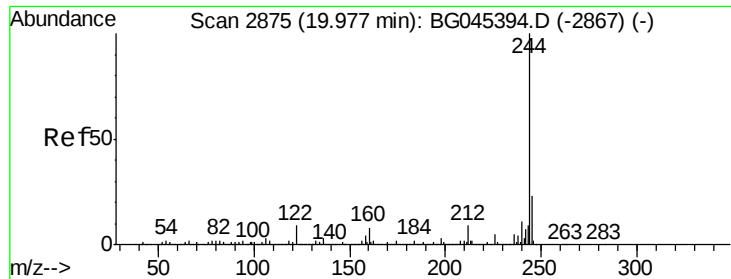
Delta R.T. -0.01 min

Lab File: BG045551.D

Acq: 30 May 2020 12:02

Tgt Ion:	240	Resp:	411357
Ion Ratio	Lower	Upper	
240	100		
120	7.2	6.1	9.1
236	25.4	22.3	33.5





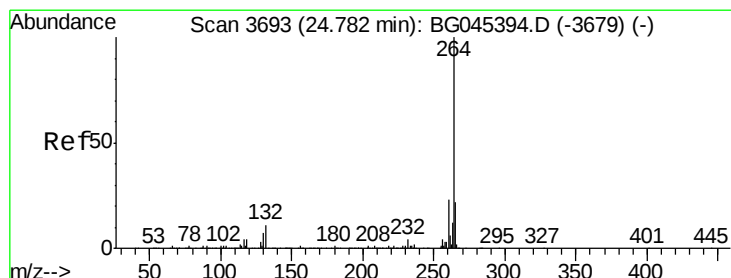
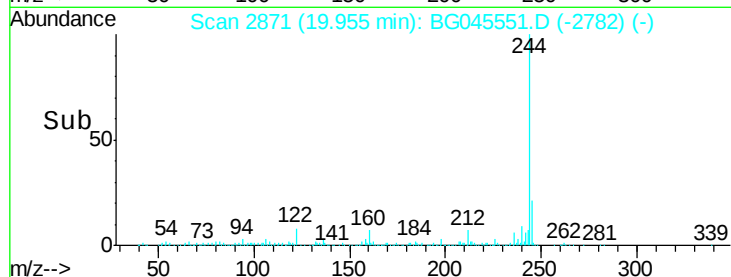
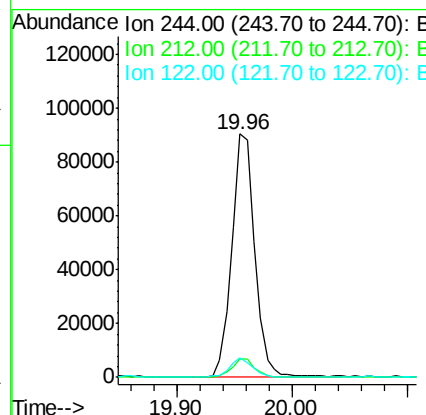
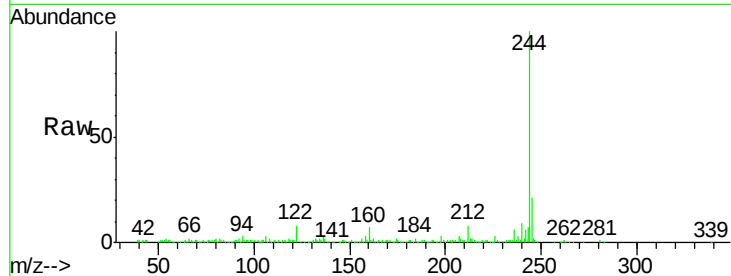
#79
 Terphenyl-d14
 Concen: 7.07 ng
 RT: 19.96 min Scan# 2871
 Delta R.T. -0.01 min
 Lab File: BG045551.D
 Acq: 30 May 2020 12:02

Instrument :
 BNA_G
 ClientSampleId :
 C0AP3DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
244	100		
212	7.6	7.4	11.0
122	8.0	6.8	10.2

Manual Integrations
 APPROVED

mohammad
 6/1/2020 12:23:02 PM



#87
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.75 min Scan# 3687
 Delta R.T. -0.01 min
 Lab File: BG045551.D
 Acq: 30 May 2020 12:02

Tgt Ion	Ratio	Resp Lower	Resp Upper
264	100		
260	23.5	18.2	27.4
265	22.9	17.6	26.4

