

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
 Data File : BG045713.D
 Acq On : 11 Jun 2020 8:05
 Operator : CG/JU
 Sample : L2822-02DL 50X
 Misc :
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP7DL2

Manual Integrations
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Quant Time: Jun 11 09:43:09 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	7.94	152	65606	20.00	ng	-0.01
21) Naphthalene-d8	10.75	136	254144	20.00	ng	-0.01
39) Acenaphthene-d10	14.59	164	185470	20.00	ng	0.00
64) Phenanthrene-d10	17.33	188	428237	20.00	ng	-0.01
76) Chrysene-d12	21.59	240	433062	20.00	ng	-0.01
87) Perylene-d12	24.73	264	456499	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.53	112	10728	3.20	ng	0.00
7) Phenol-d6	7.14	99	15427	3.23	ng	-0.01
23) Nitrobenzene-d5	9.10	82	12564	2.70	ng	-0.01
42) 2,4,6-Tribromophenol	16.08	330	9484	4.00	ng	-0.01
45) 2-Fluorobiphenyl	13.21	172	29426	2.69	ng	0.00
79) Terphenyl-d14	19.95	244	57490	3.10	ng	-0.01
Target Compounds						
10) Phenol	7.16	94	43234	8.780	ng	91
17) 2-Methylphenol	8.41	107	55856	15.154	ng	92
20) 3+4-Methylphenols	8.74	107	123519	24.609	ng	93
27) 2,4-Dimethylphenol	9.94	122	76889m	24.270	ng	

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

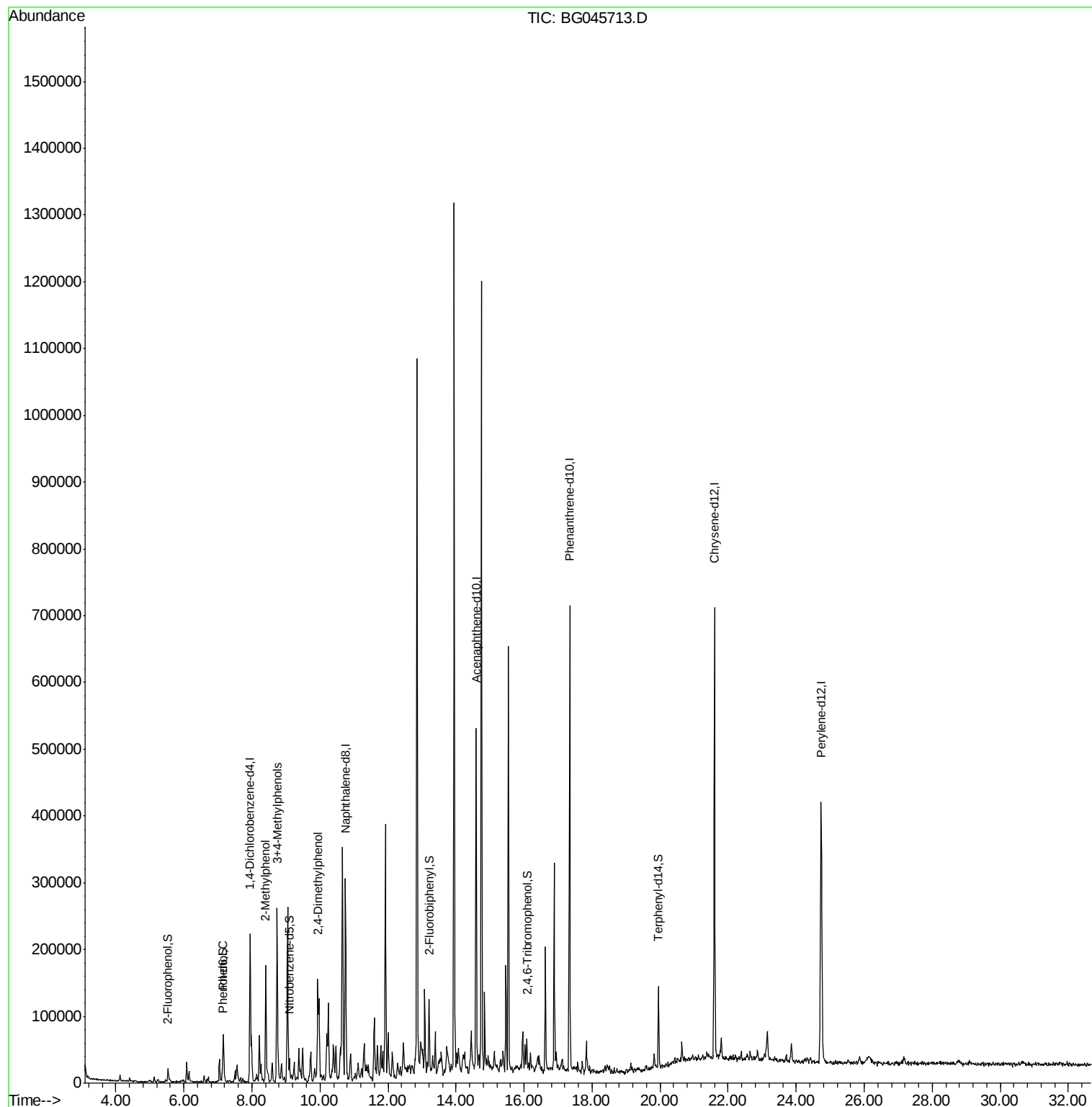
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061020\
Data File : BG045713.D
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Misc :
ALS Vial : 26 Sample Multiplier: 1

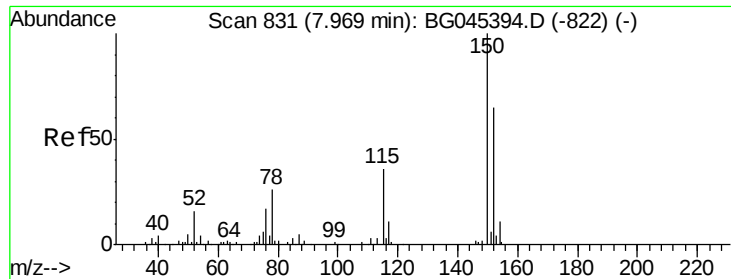
Instrument :
BNA_G
ClientSampleId :
C0AP7DL2

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Quant Time: Jun 11 09:43:09 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





#1

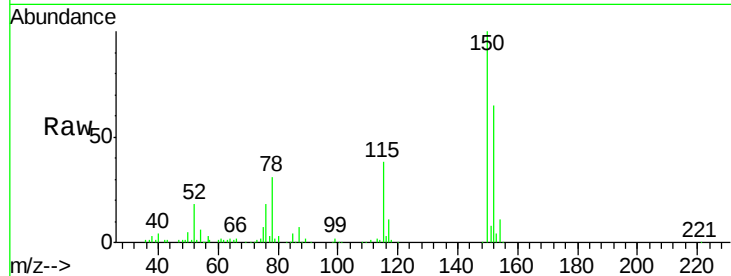
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Instrument :
BNA_G
ClientSampleId :
C0AP7DL2

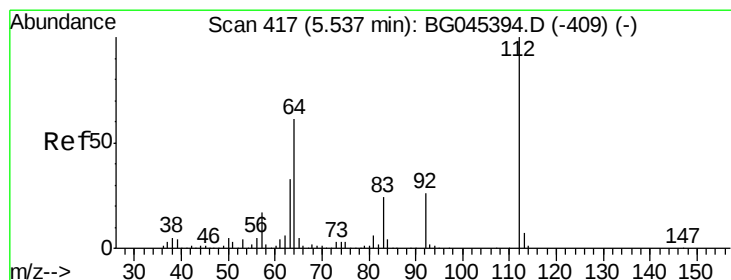
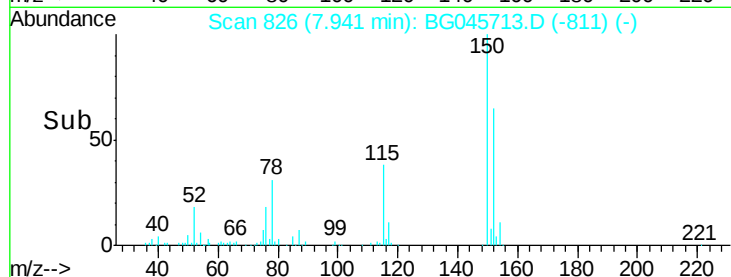
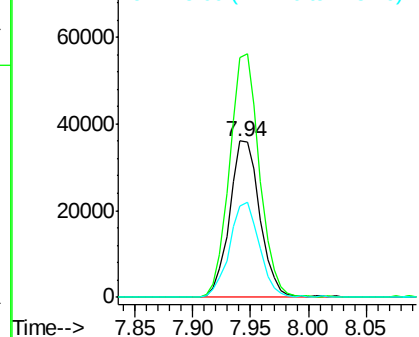
Tot Ion	Ratio	Lower	Upper
152	100		
150	153.6	122.4	183.6
115	58.5	44.2	66.4

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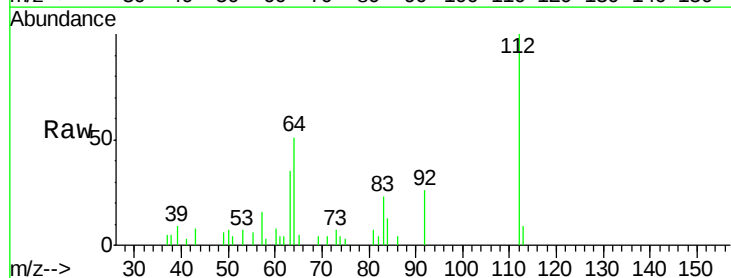
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



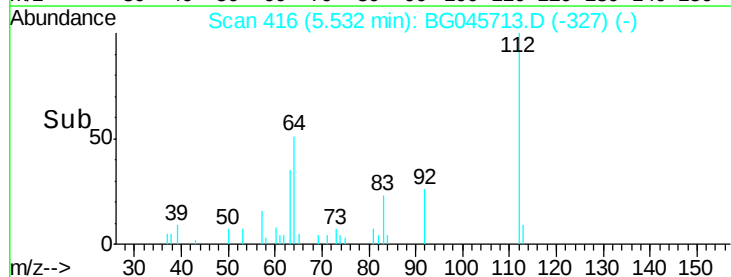
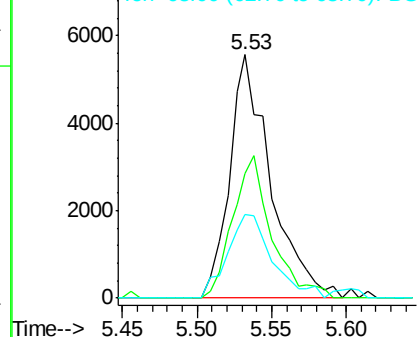
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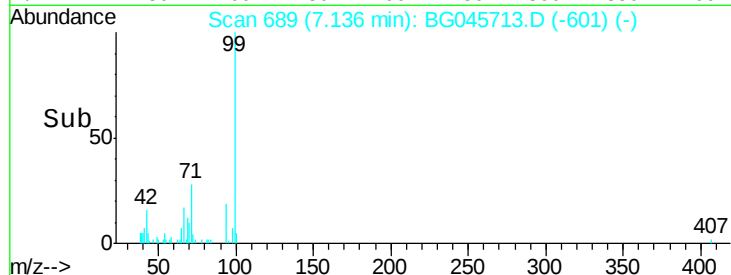
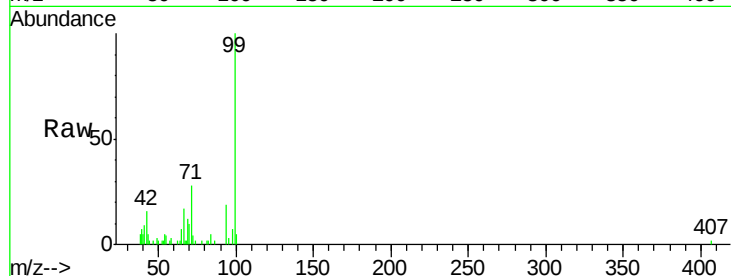
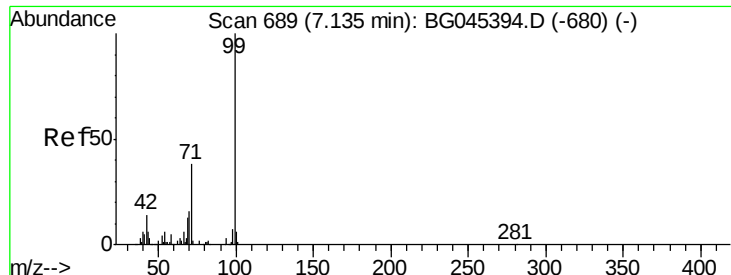
2-Fluorophenol
Concen: 3.196 ng
RT: 5.53 min Scan# 416
Delta R.T. -0.00 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Tgt Ion	Ratio	Lower	Upper
112	100		
64	51.2	48.6	72.8
63	34.5	26.5	39.7



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC





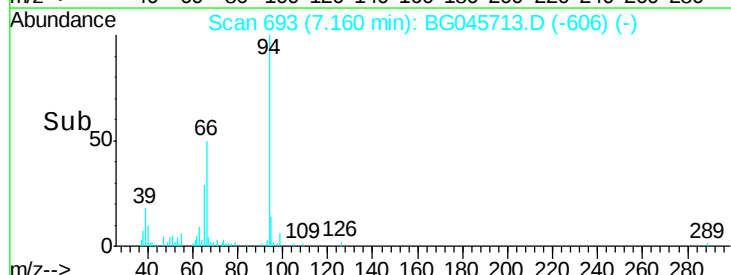
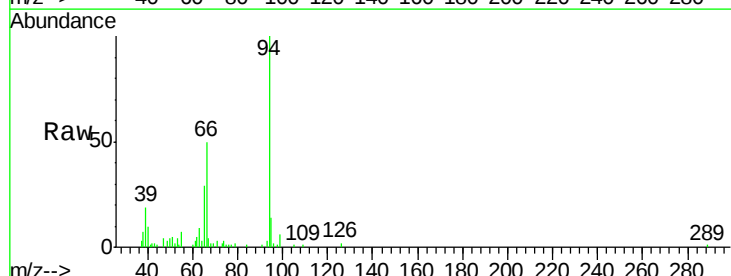
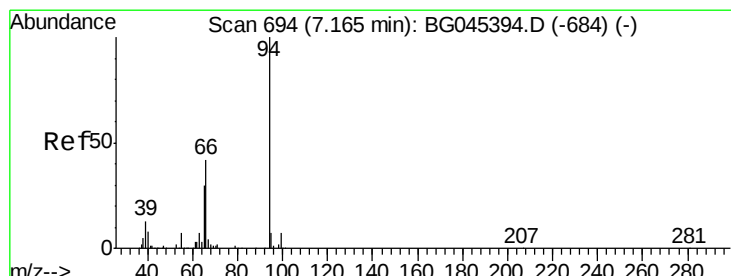
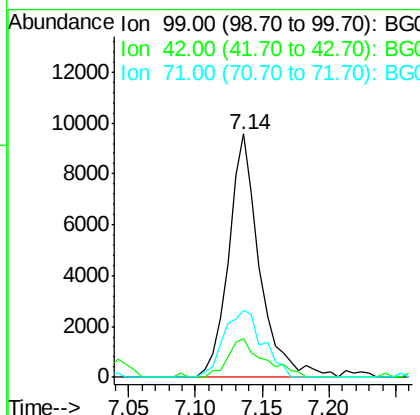
#7
Phenol-d6
Concen: 3.229 ng
RT: 7.14 min Scan# 689
Delta R.T. -0.01 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	99	100	15427		
42	42	15.7		11.3	16.9
71	71	27.7		30.8	46.2

Instrument :
BNA_G
ClientSampleId :
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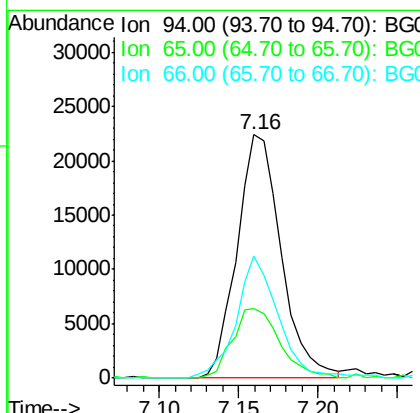
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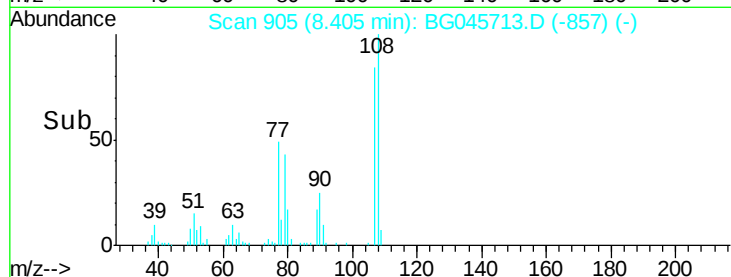
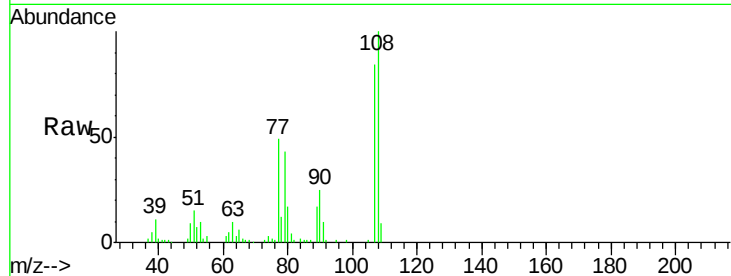
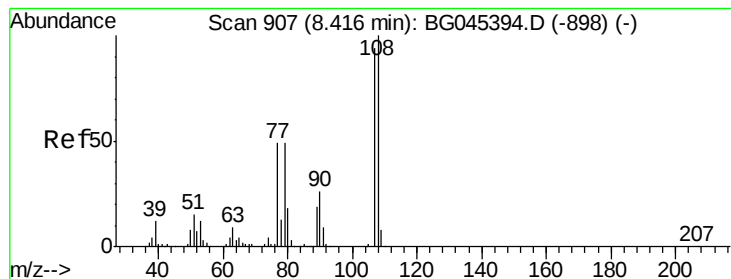
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#10
Phenol
Concen: 8.780 ng
RT: 7.16 min Scan# 693
Delta R.T. -0.02 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	94	100	43234		
65	65	28.6		9.8	49.8
66	66	50.3		22.0	62.0





#17

2-Methylphenol

Concen: 15.154 ng

RT: 8.41 min Scan# 905

Delta R.T. -0.02 min

Lab File: BG045713.D

Acq: 11 Jun 2020 8:05

Tot Ion	107	Resp	55856
Ion Ratio	Lower	Upper	
107	100		
108	118.4	85.2	127.8
77	58.6	41.6	62.4
79	51.2	41.8	62.8

Instrument :

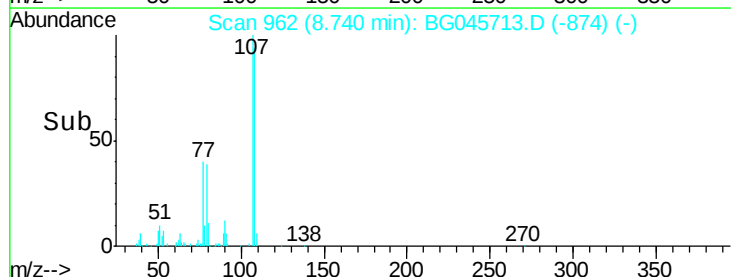
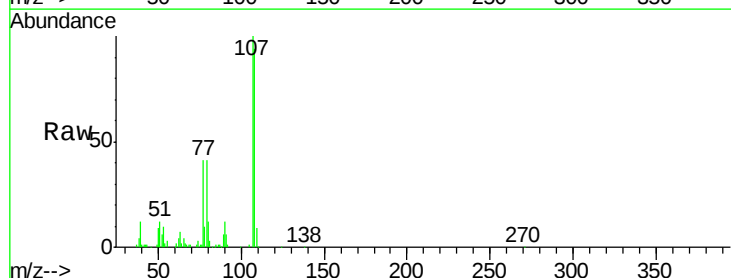
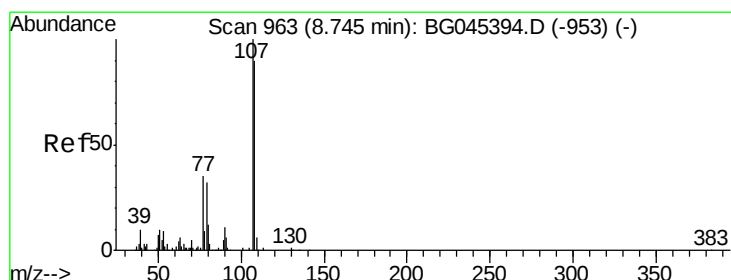
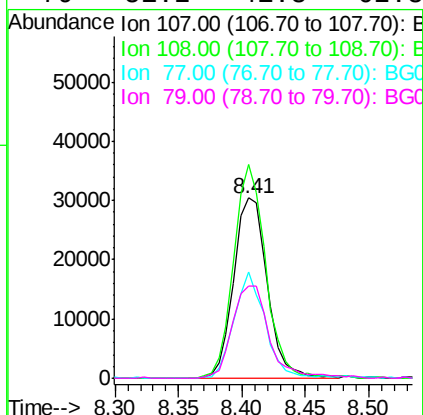
BNA_G

ClientSampled :

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#20

3+4-Methylphenols

Concen: 24.609 ng

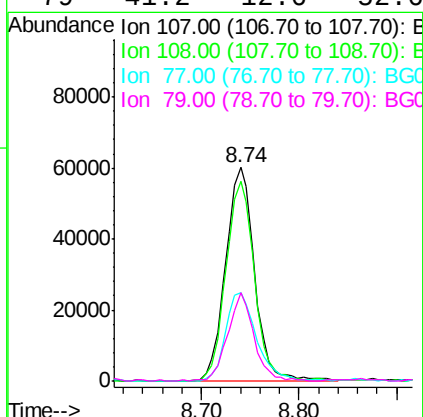
RT: 8.74 min Scan# 962

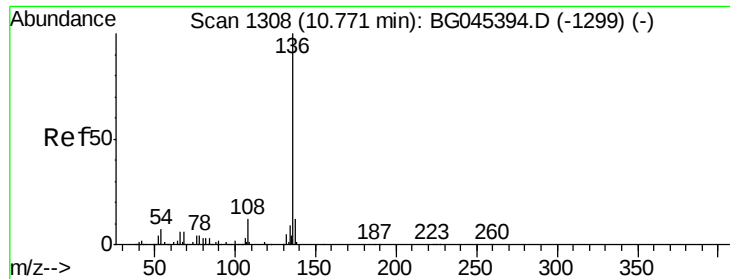
Delta R.T. -0.01 min

Lab File: BG045713.D

Acq: 11 Jun 2020 8:05

Tgt Ion	107	Resp	123519
Ion Ratio	Lower	Upper	
107	100		
108	93.7	70.3	110.3
77	41.1	15.4	55.4
79	41.2	12.6	52.6





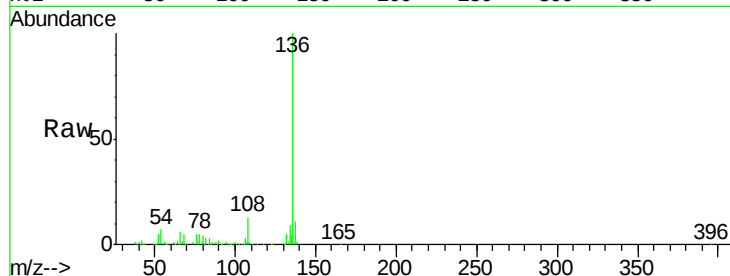
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.75 min Scan# 1304
Delta R.T. -0.01 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Instrument :
BNA_G
ClientSampleId :
C0AP7DL2

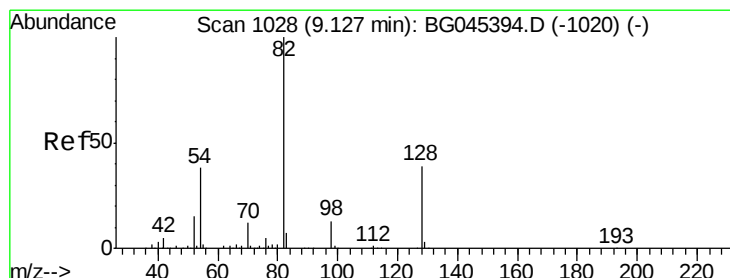
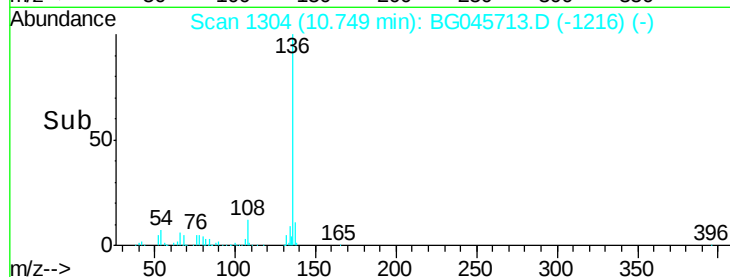
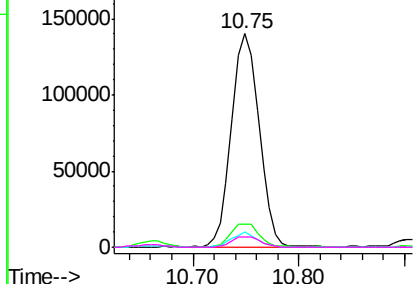
Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		254144		
137	11.1		9.4	14.2	
54	6.9		5.8	8.6	
68	4.9		4.5	6.7	

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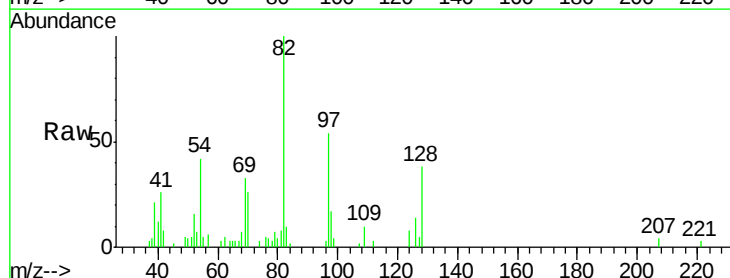


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

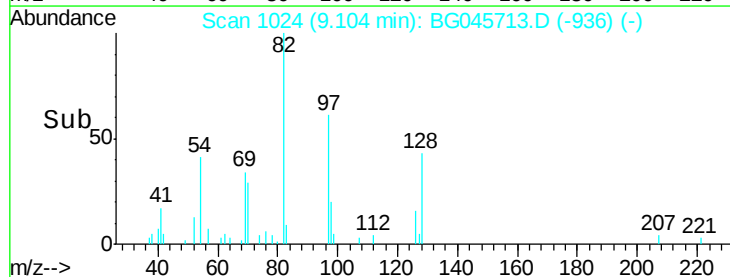
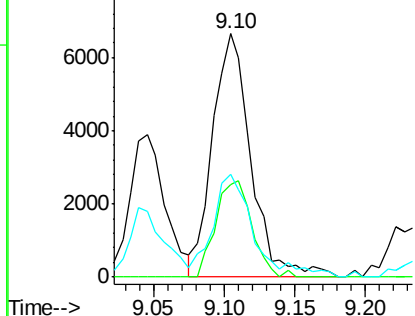


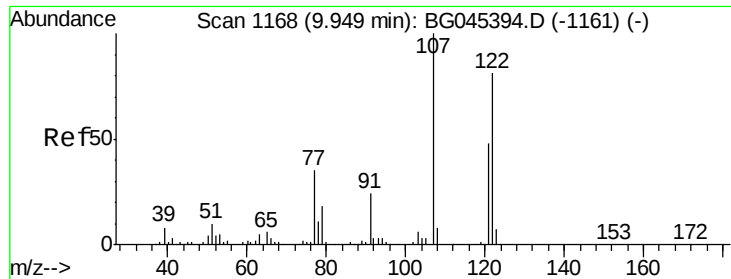
#23
Nitrobenzene-d5
Concen: 2.696 ng
RT: 9.10 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
82	100		12564		
128	37.9		30.9	46.3	
54	42.0		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





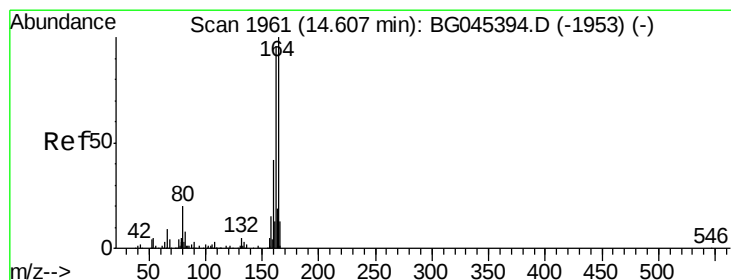
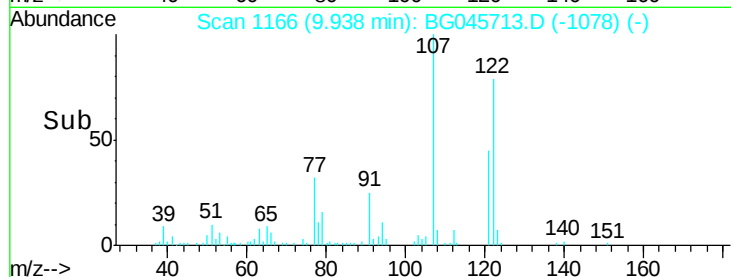
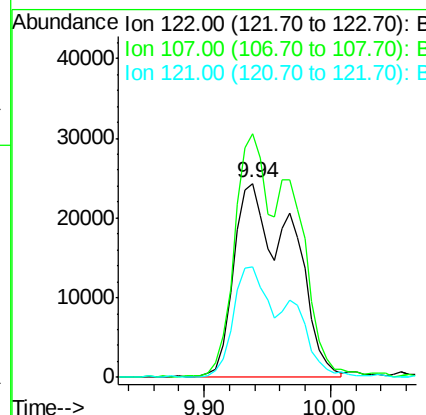
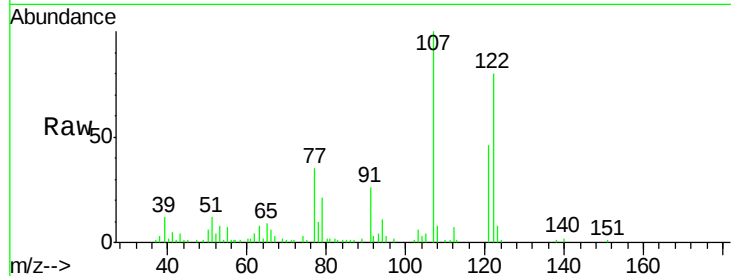
#27
2,4-Dimethylphenol
Concen: 24.270 ng/ml
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Instrument :
BNA_G
ClientSampleId :
C0AP7DL2

Tot Ion	Ratio	Lower	Upper
122	100		
107	125.7	99.0	148.4
121	57.2	47.7	71.5

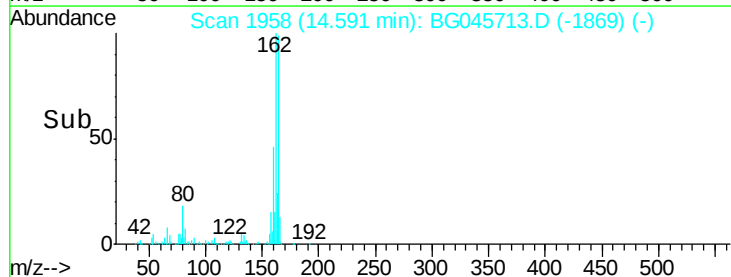
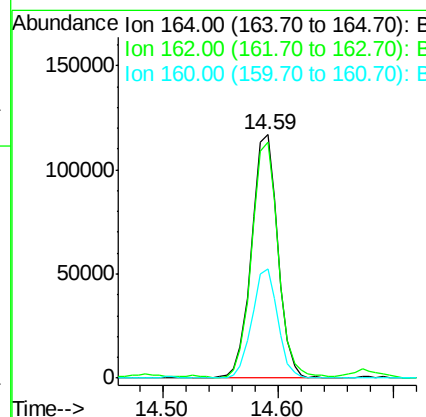
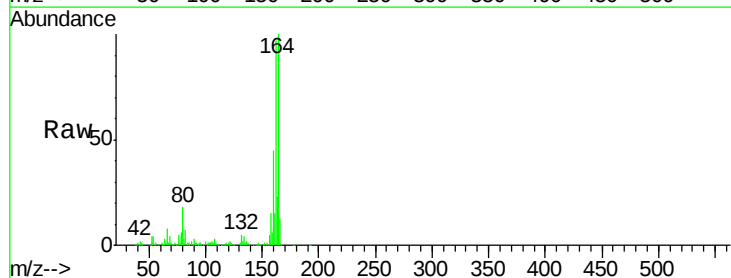
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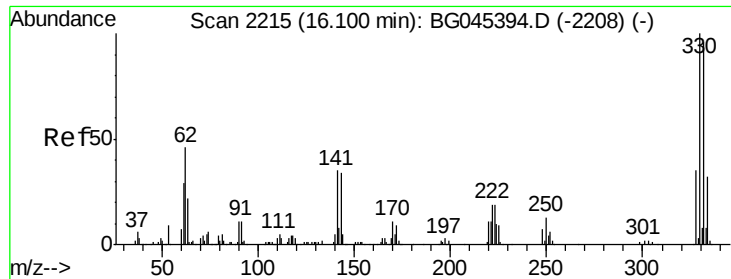
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#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.59 min Scan# 1958
Delta R.T. -0.00 min
Lab File: BG045713.D
Acq: 11 Jun 2020 8:05

Tgt Ion	Ratio	Lower	Upper
164	100		
162	97.1	76.9	115.3
160	44.7	33.8	50.8





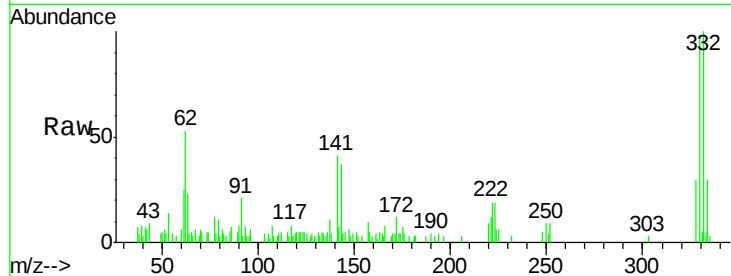
#42
 2,4,6-Tribromophenol
 Concen: 3.998 ng
 RT: 16.08 min Scan# 2212
 Delta R.T. -0.01 min
 Lab File: BG045713.D
 Acq: 11 Jun 2020 8:05

Instrument :
 BNA_G
 ClientSampleId :
 C0AP7DL2

Tot Ion	Ratio	Resp	Lower	Upper
330	100	9484		
332	94.4		78.2	117.4
141	39.0		28.2	42.4

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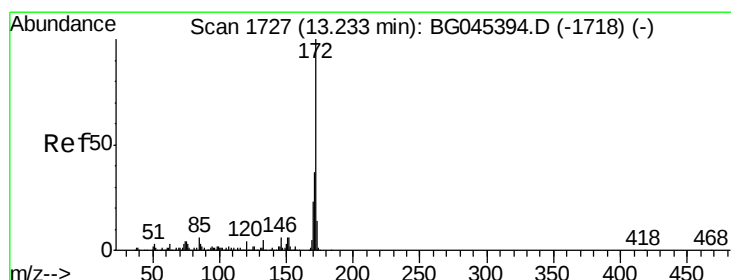
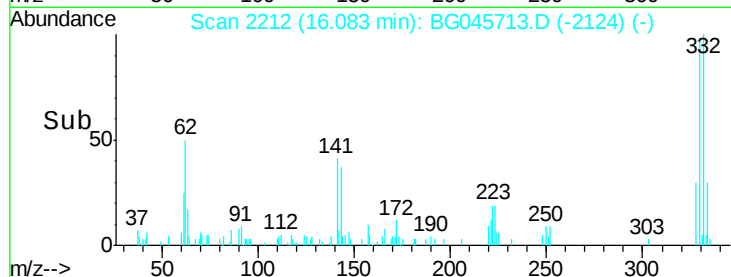
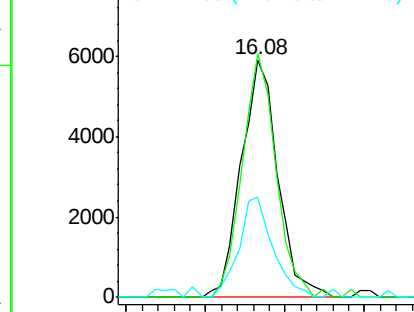


Abundance

Ion 329.80 (329.50 to 330.50): E

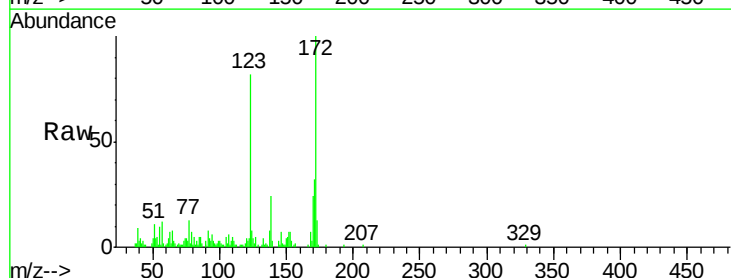
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#45
 2-Fluorobiphenyl
 Concen: 2.691 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. -0.00 min
 Lab File: BG045713.D
 Acq: 11 Jun 2020 8:05

Tgt Ion	Ratio	Resp	Lower	Upper
172	100	29426		
171	31.5		29.5	44.3
170	24.3		18.5	27.7

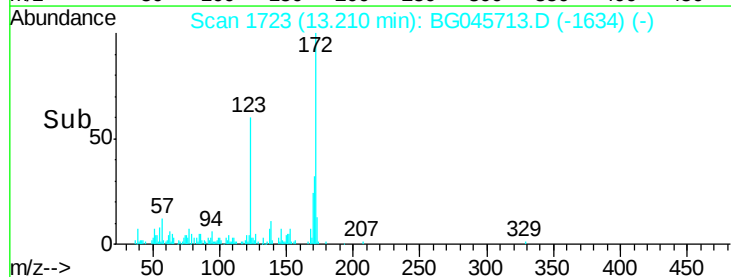
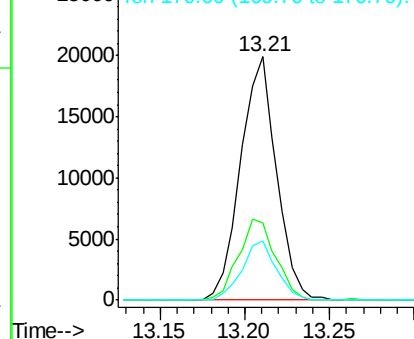


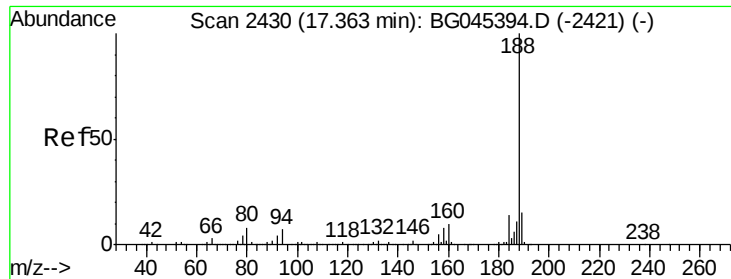
Abundance

Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.33 min Scan# 2425

Delta R.T. -0.01 min

Lab File: BG045713.D

Acq: 11 Jun 2020 8:05

Instrument :

BNA_G

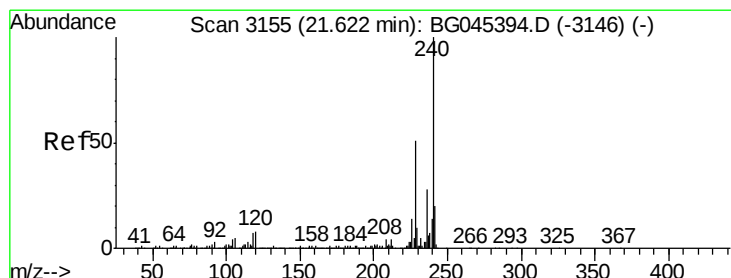
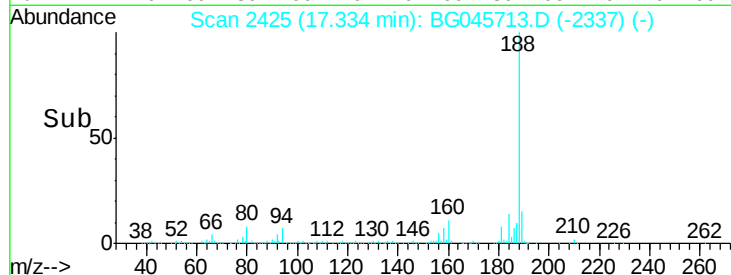
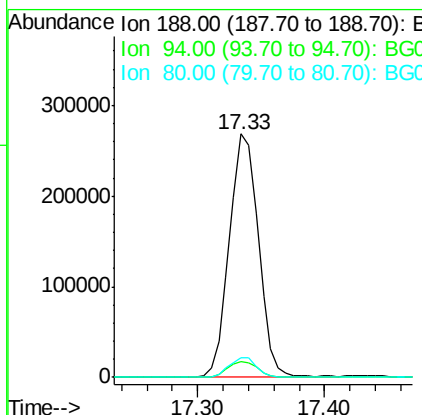
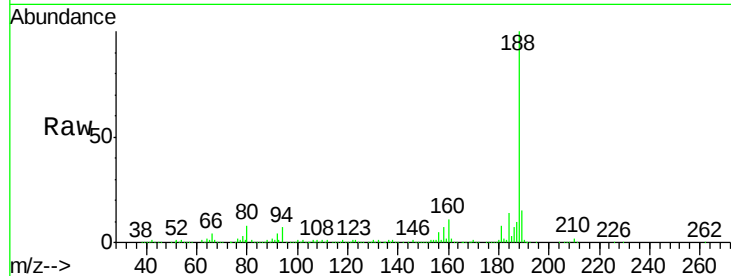
ClientSampleId :

C0AP7DL2

Tot Ion:	188	Resp:	428237
Ion Ratio	Lower	Upper	
188	100		
94	6.6	5.5	8.3
80	8.0	6.6	10.0

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#76

Chrysene-d12

Concen: 20.000 ng

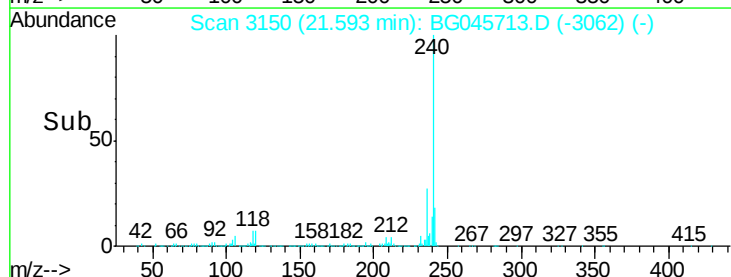
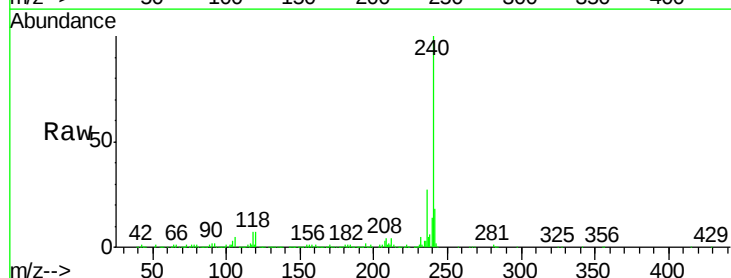
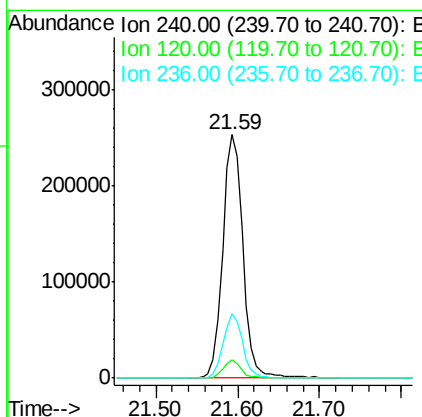
RT: 21.59 min Scan# 3150

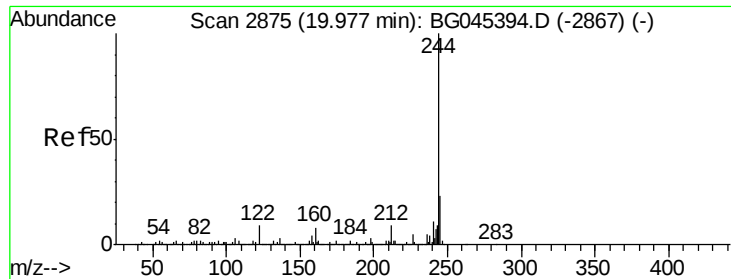
Delta R.T. -0.01 min

Lab File: BG045713.D

Acq: 11 Jun 2020 8:05

Tgt Ion:	240	Resp:	433062
Ion Ratio	Lower	Upper	
240	100		
120	7.5	6.1	9.1
236	26.6	22.3	33.5





#79

Terphenyl-d14

Concen: 3.096 ng

RT: 19.95 min Scan# 2870

Delta R.T. -0.01 min

Lab File: BG045713.D

Acq: 11 Jun 2020 8:05

Instrument :

BNA_G

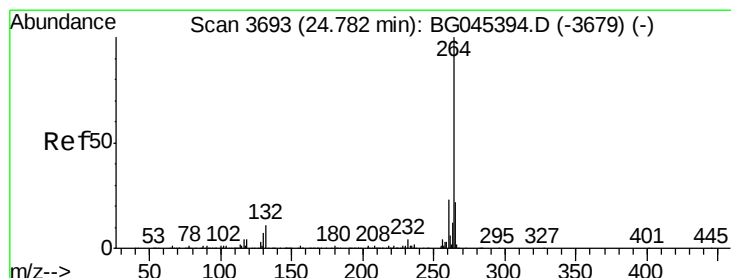
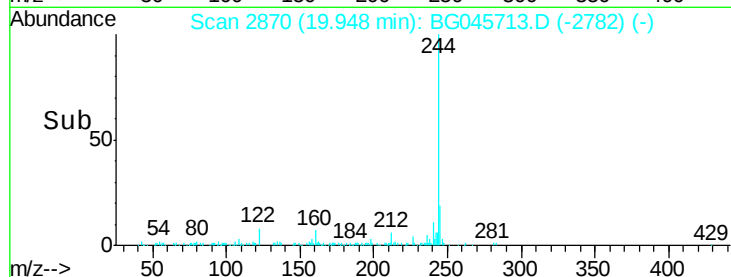
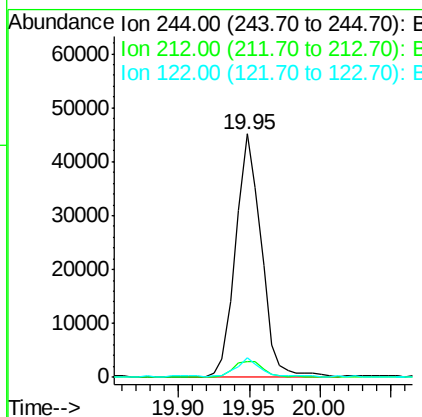
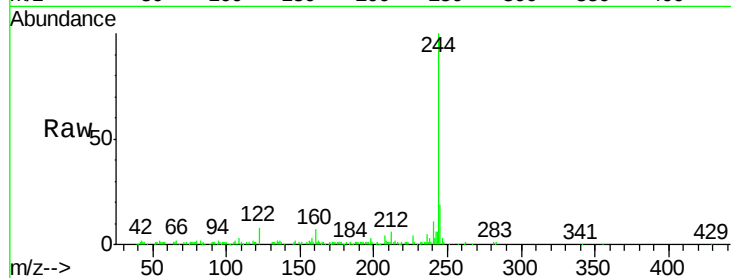
ClientSampleId :

C0AP7DL2

Tot Ion:	244	Resp:	57490
Ion Ratio		Lower	Upper
244	100		
212	6.4	7.4	11.0#
122	8.3	6.8	10.2

Manual Integrations
APPROVED

mohammad
6/11/2020 1:48:19 PM



#87

Perylene-d12

Concen: 20.000 ng

RT: 24.73 min Scan# 3684

Delta R.T. -0.02 min

Lab File: BG045713.D

Acq: 11 Jun 2020 8:05

Tgt Ion:	264	Resp:	456499
Ion Ratio		Lower	Upper
264	100		
260	23.6	18.2	27.4
265	21.6	17.6	26.4

