

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
 Data File : BG045616.D
 Acq On : 5 Jun 2020 14:36
 Operator : CG/JU
 Sample : L2822-02DL 10X
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 C0AP7DL

Manual Integrations
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mohammad

6/8/2020 12:50:05 PM

Quant Time: Jun 05 18:19:03 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	59281	20.00	ng	0.00
21) Naphthalene-d8	10.76	136	232368	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	162457	20.00	ng	0.00
64) Phenanthrene-d10	17.35	188	343483	20.00	ng	0.00
76) Chrysene-d12	21.60	240	376871	20.00	ng	0.00
87) Perylene-d12	24.75	264	398545	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	54618	18.01	ng	0.00
7) Phenol-d6	7.15	99	73578	17.04	ng	0.00
23) Nitrobenzene-d5	9.12	82	60171	14.12	ng	0.00
42) 2,4,6-Tribromophenol	16.09	330	40027	19.27	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	134678	14.06	ng	0.00
79) Terphenyl-d14	19.96	244	244188	15.11	ng	0.00
Target Compounds						
10) Phenol	7.17	94	224630	50.48	ng	97
17) 2-Methylphenol	8.42	107	269984	81.06	ng	98
20) 3+4-Methylphenols	8.76	107	559713	123.41	ng	89
27) 2,4-Dimethylphenol	9.95	122	352090m	121.55	ng	

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

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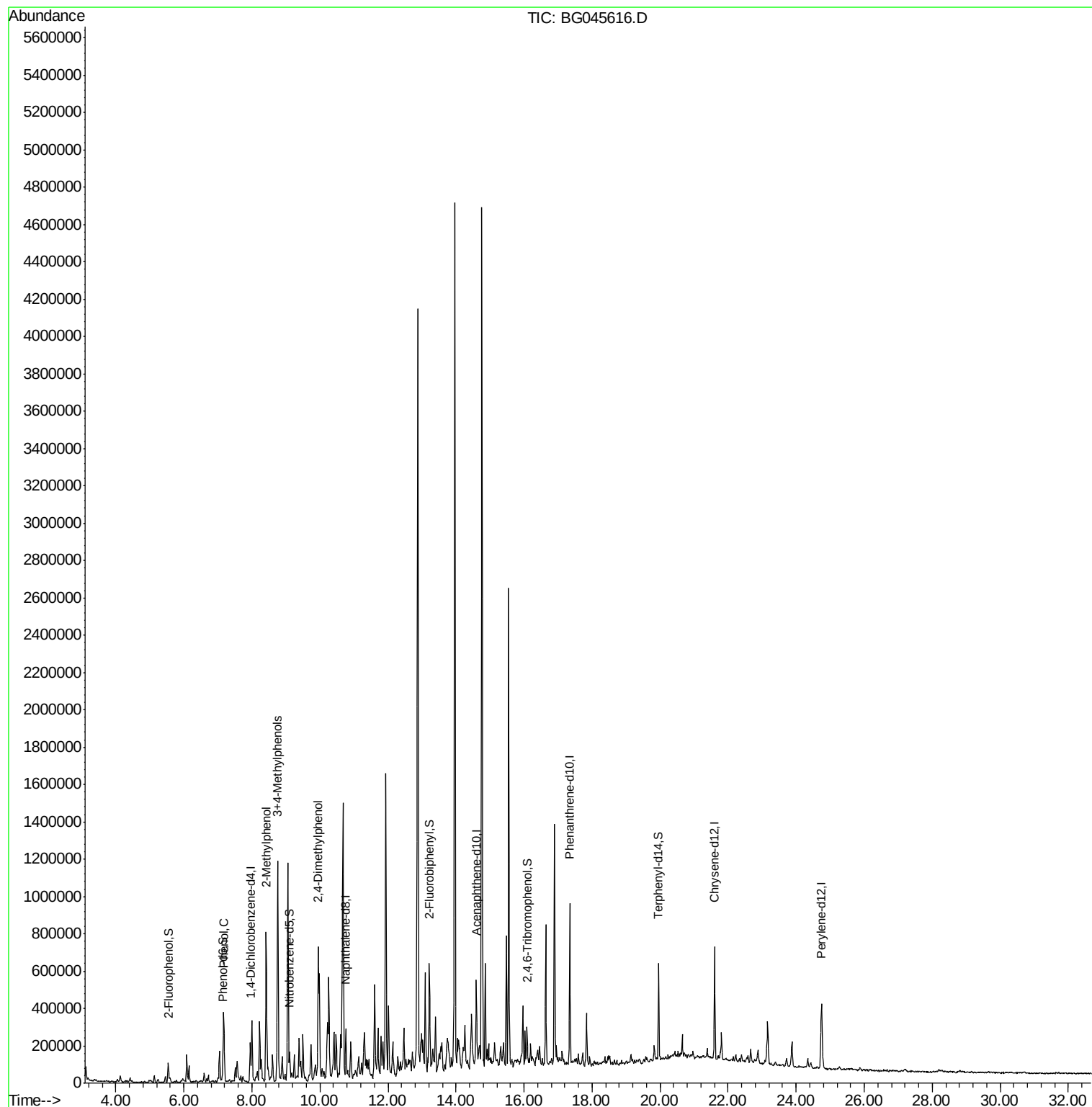
Instrument :
BNA_G
ClientSampleId :
C0AP7DL

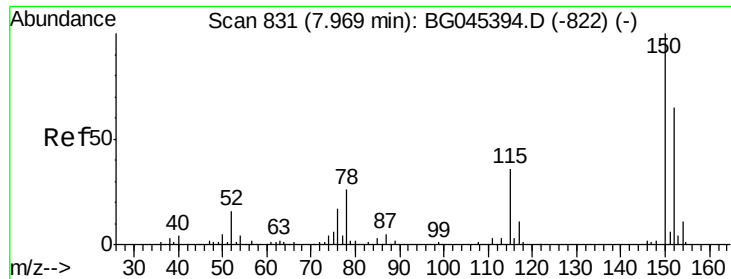
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Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration





#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.95 min Scan# 828
 Delta R.T. 0.00 min
 Lab File: BG045616.D
 Acq: 5 Jun 2020 14:36

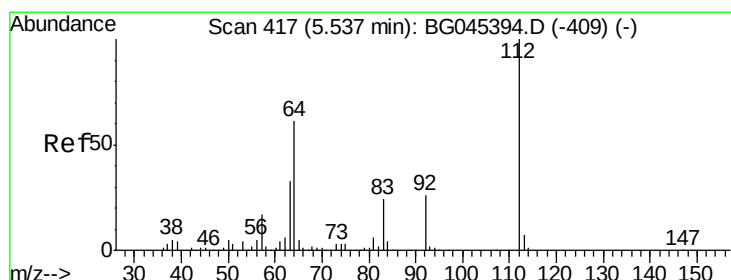
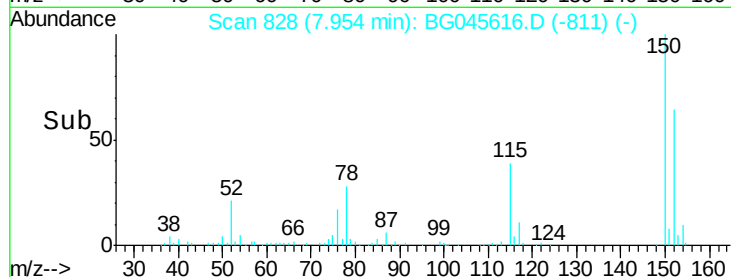
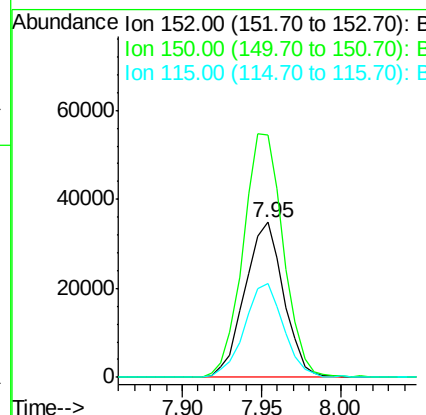
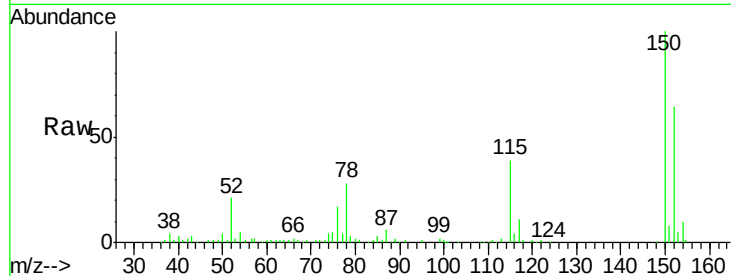
Instrument :
 BNA_G
 ClientSampleId :
 C0AP7DL

Tgt Ion	Ratio	Lower	Upper
152	100		
150	156.1	122.4	183.6
115	60.6	44.2	66.4

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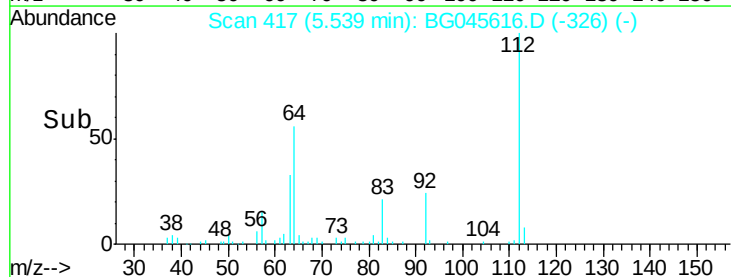
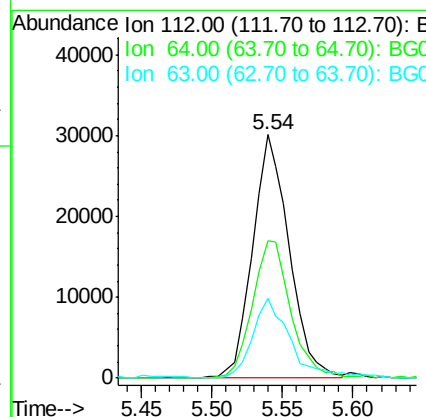
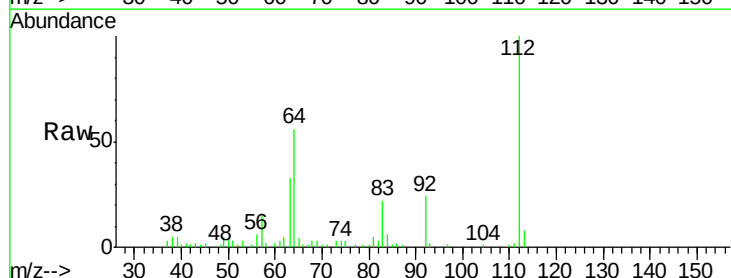
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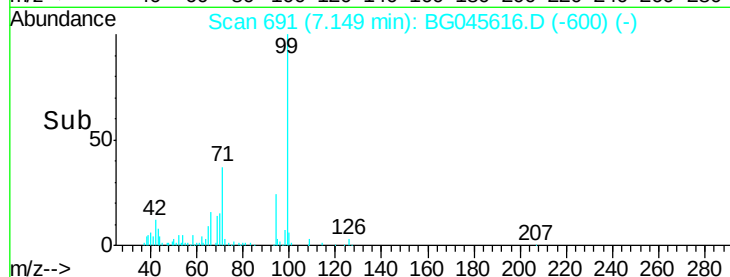
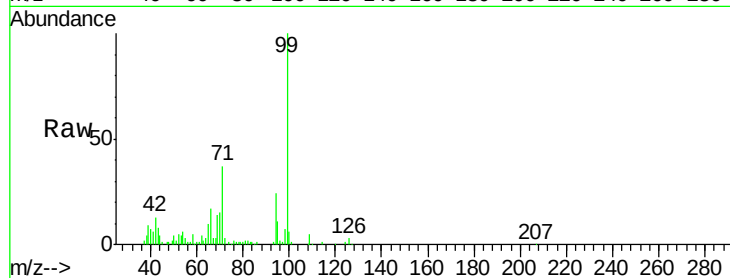
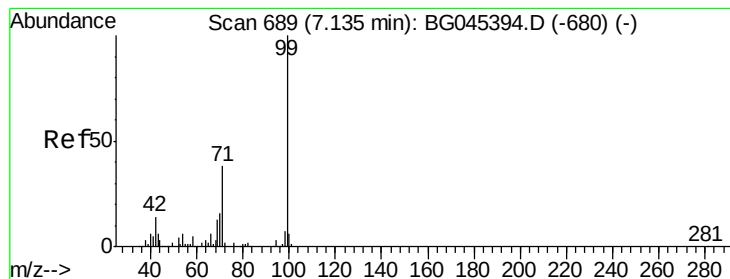
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#5
 2-Fluorophenol
 Concen: 18.01 ng
 RT: 5.54 min Scan# 417
 Delta R.T. 0.00 min
 Lab File: BG045616.D
 Acq: 5 Jun 2020 14:36

Tgt Ion	Ratio	Lower	Upper
112	100		
64	56.5	48.6	72.8
63	32.6	26.5	39.7





#7

Phenol-d6

Concen: 17.04 ng

RT: 7.15 min Scan# 691

Delta R.T. 0.00 min

Lab File: BG045616.D

Acq: 5 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
99	100	73578		
42	12.8		11.3	16.9
71	36.8		30.8	46.2

Instrument :

BNA_G

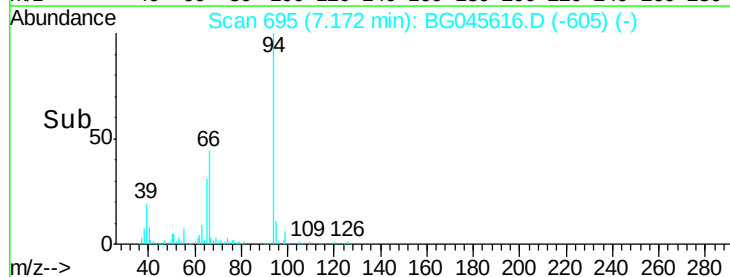
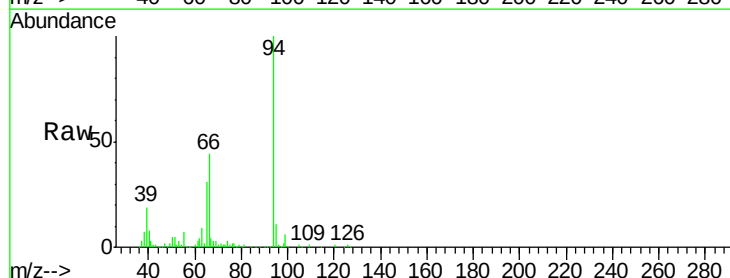
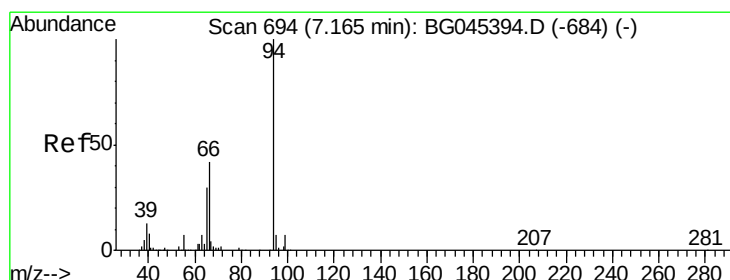
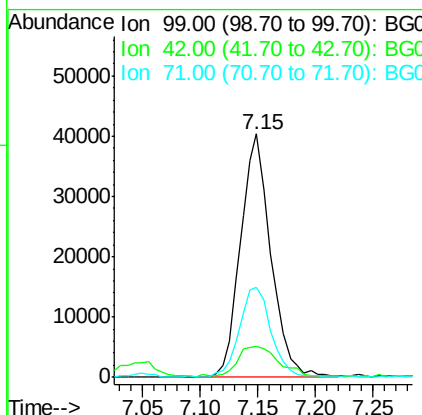
ClientSampled :

C0AP7DL

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#10

Phenol

Concen: 50.48 ng

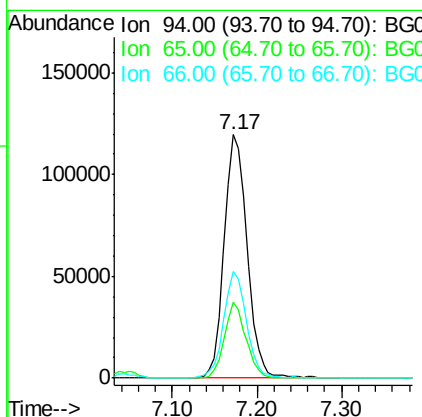
RT: 7.17 min Scan# 695

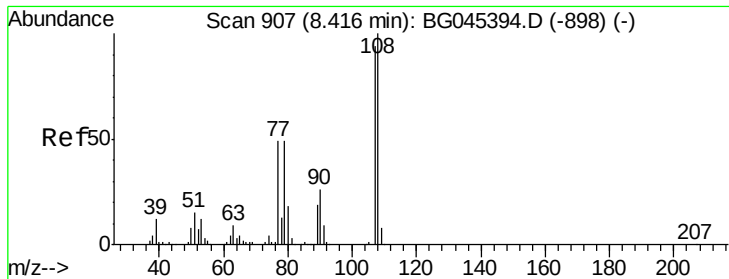
Delta R.T. -0.00 min

Lab File: BG045616.D

Acq: 5 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
94	100	224630		
65	31.4		9.8	49.8
66	43.9		22.0	62.0





#17
2-Methylphenol
Concen: 81.06 ng
RT: 8.42 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG045616.D
Acq: 5 Jun 2020 14:36

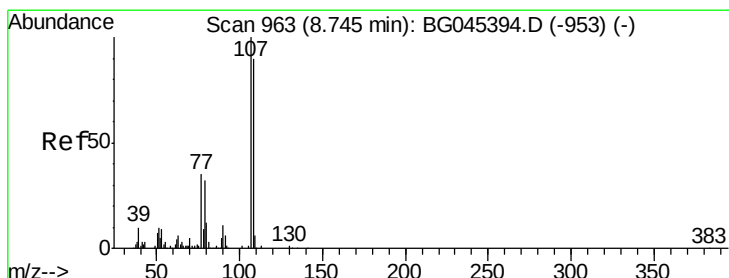
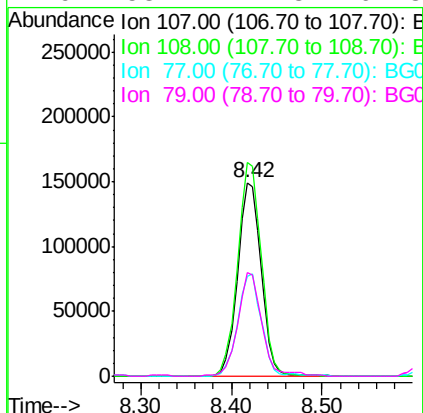
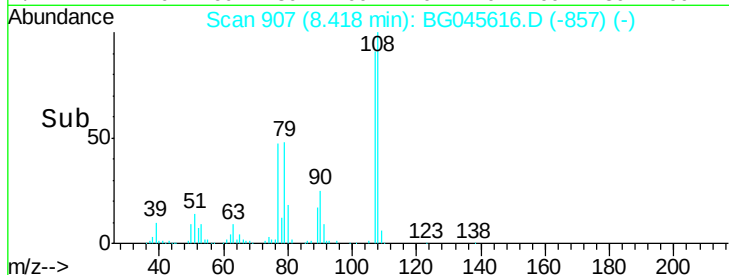
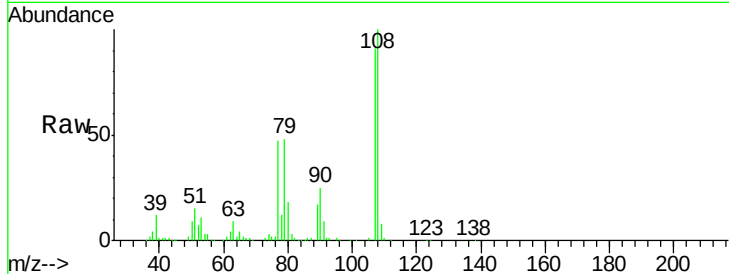
Instrument :
BNA_G
ClientSampleId :
C0AP7DL

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	269984		
108	110.3	85.2	127.8	
77	51.9	41.6	62.4	
79	53.4	41.8	62.8	

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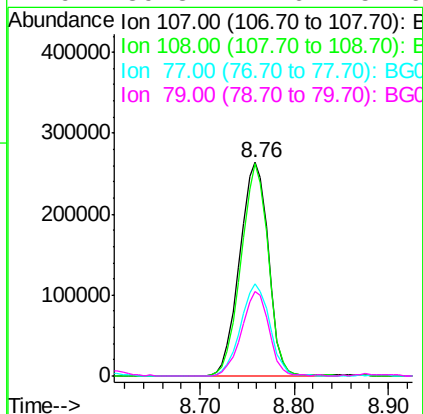
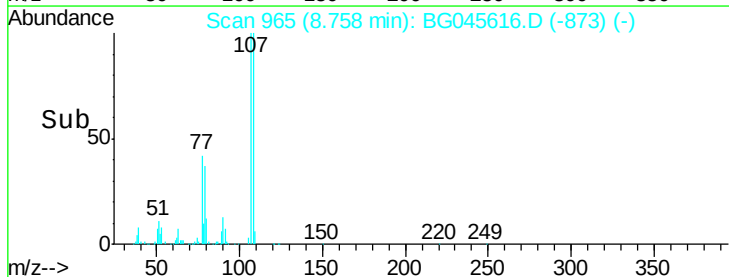
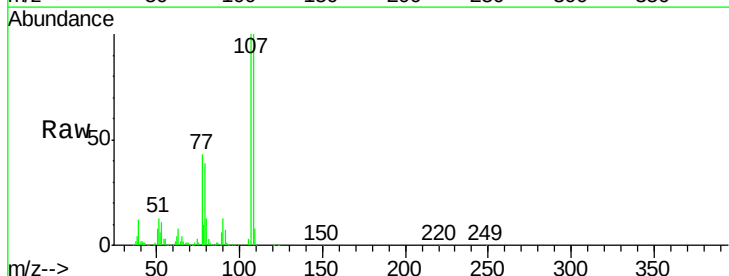
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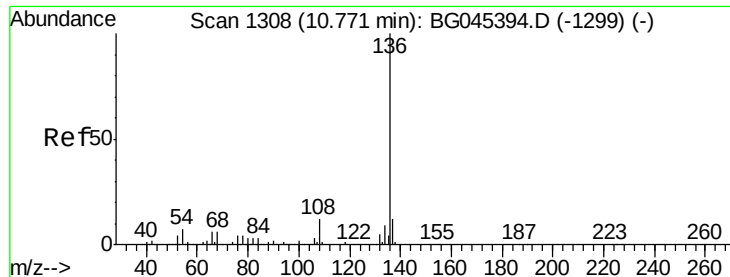
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#20
3+4-Methylphenols
Concen: 123.41 ng
RT: 8.76 min Scan# 965
Delta R.T. 0.01 min
Lab File: BG045616.D
Acq: 5 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
107	100	559713		
108	99.7	70.3	110.3	
77	43.1	15.4	55.4	
79	39.3	12.6	52.6	





#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.76 min Scan# 1305
Delta R.T. -0.00 min
Lab File: BG045616.D
Acq: 5 Jun 2020 14:36

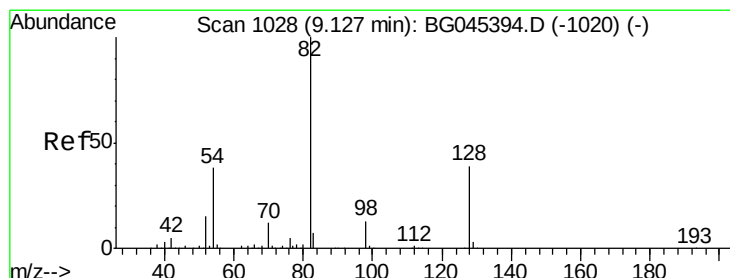
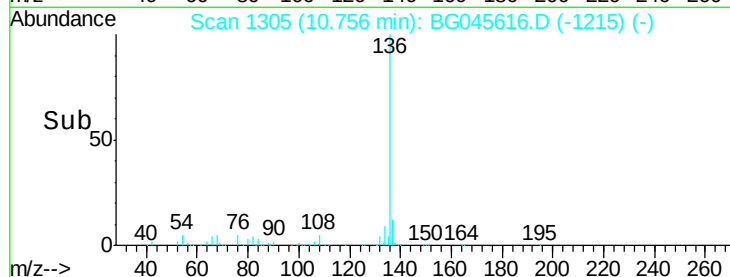
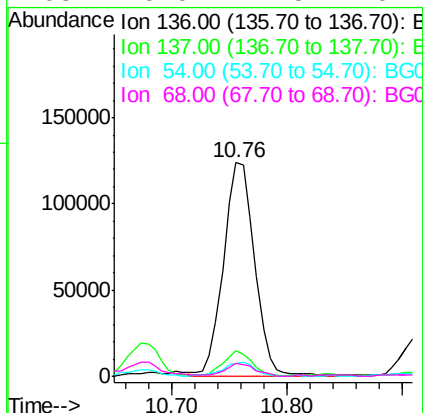
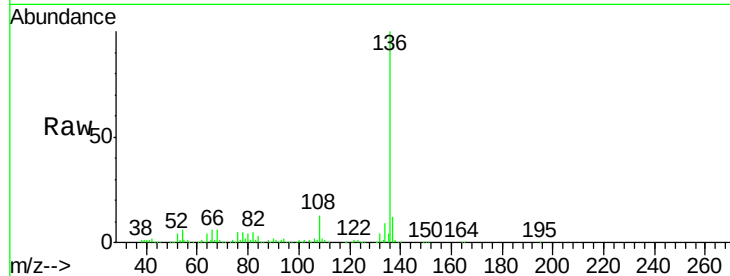
Instrument :
BNA_G
ClientSampleId :
C0AP7DL

Tgt Ion	Ratio	Resp	Lower	Upper
136	100	232368		
137	12.0	9.4	14.2	
54	6.0	5.8	8.6	
68	6.0	4.5	6.7	

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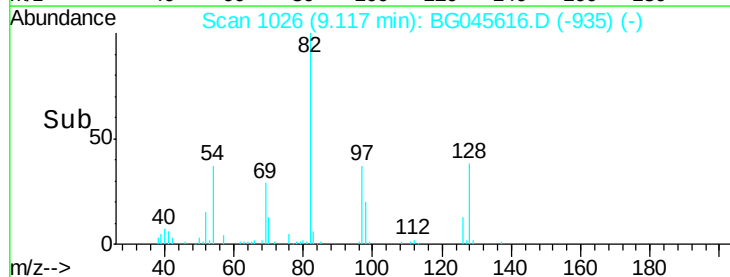
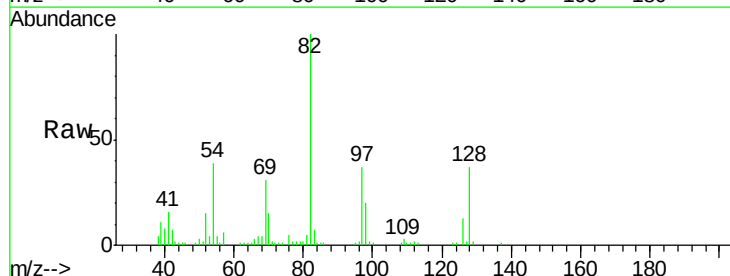
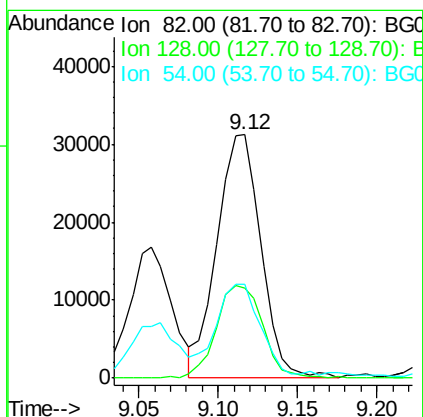
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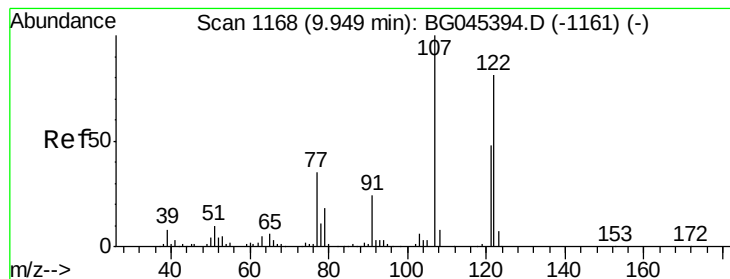
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#23
Nitrobenzene-d5
Concen: 14.12 ng
RT: 9.12 min Scan# 1026
Delta R.T. 0.00 min
Lab File: BG045616.D
Acq: 5 Jun 2020 14:36

Tgt Ion	Ratio	Resp	Lower	Upper
82	100	60171		
128	37.2	30.9	46.3	
54	38.6	30.3	45.5	





#27

2,4-Dimethylphenol

Concen: 121.55 ng m

RT: 9.95 min Scan# 1168

Delta R.T. 0.00 min

Lab File: BG045616.D

Acq: 5 Jun 2020 14:36

Instrument :

BNA_G

ClientSampleId :

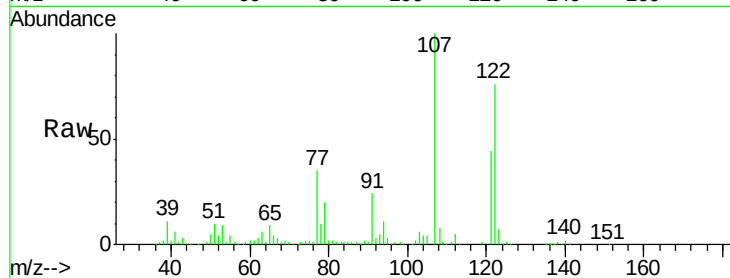
C0AP7DL

Tgt Ion:	122	Resp:	352090
Ion Ratio	Lower	Upper	
122	100		
107	132.3	99.0	148.4
121	58.6	47.7	71.5

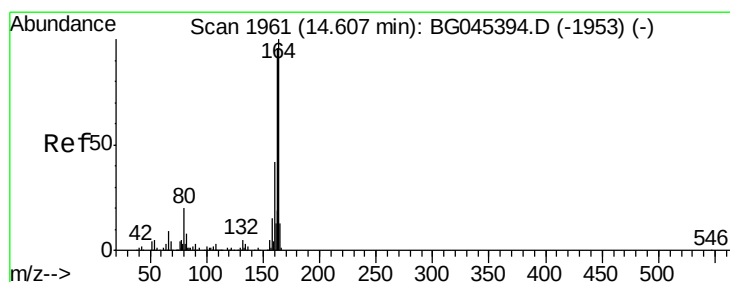
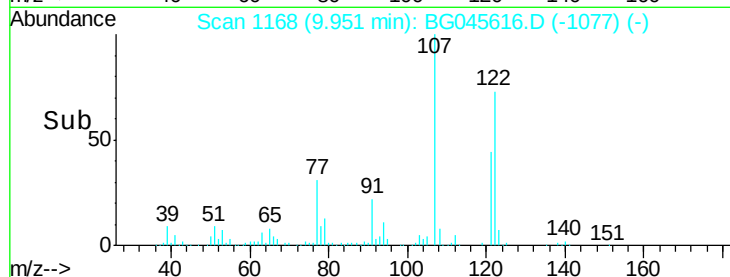
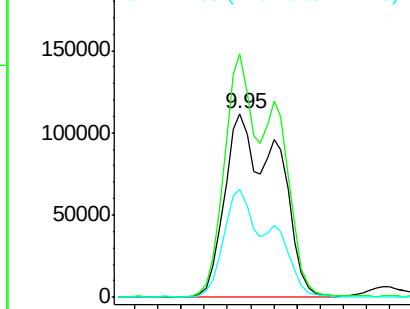
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Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E



#39

Acenaphthene-d10

Concen: 20.00 ng

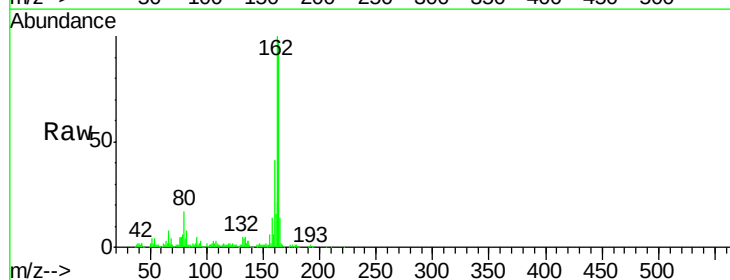
RT: 14.60 min Scan# 1959

Delta R.T. 0.00 min

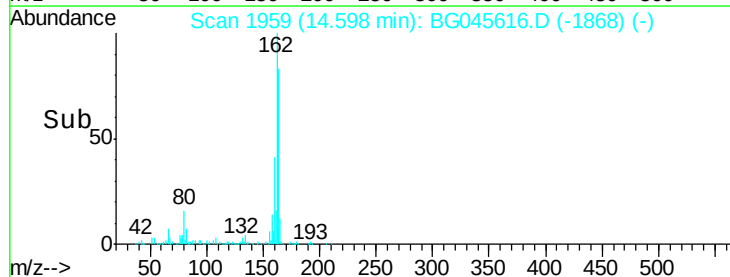
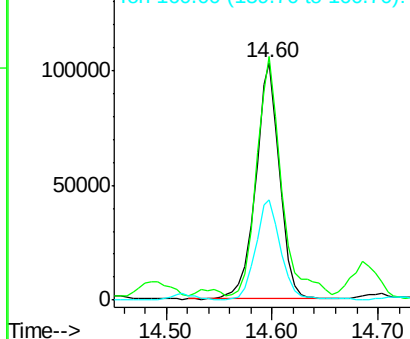
Lab File: BG045616.D

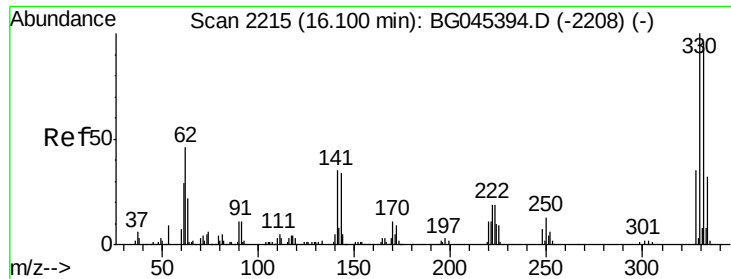
Acq: 5 Jun 2020 14:36

Tgt Ion:	164	Resp:	162457
Ion Ratio	Lower	Upper	
164	100		
162	102.5	76.9	115.3
160	42.3	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: 19.27 ng

RT: 16.09 min Scan# 2213

Delta R.T. -0.00 min

Lab File: BG045616.D

Acq: 5 Jun 2020 14:36

Instrument :

BNA_G

ClientSampleId :

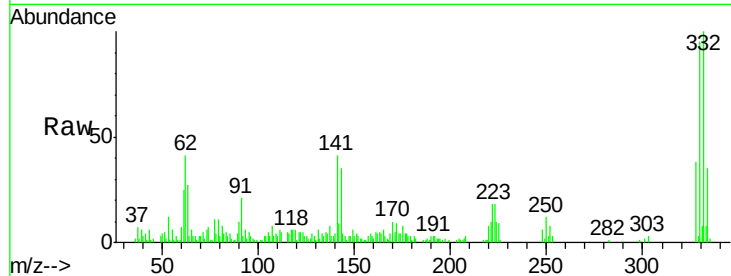
C0AP7DL

Tgt Ion:	330	Resp:	40027
Ion Ratio	Lower	Upper	
330	100		
332	96.9	78.2	117.4
141	38.2	28.2	42.4

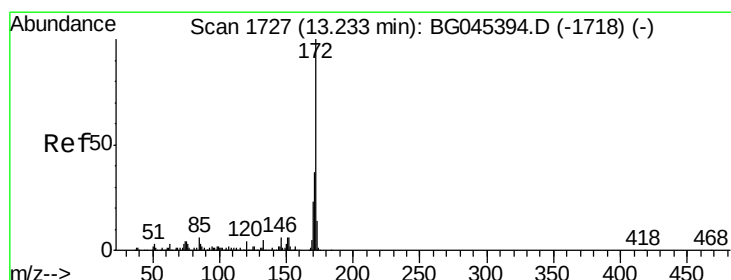
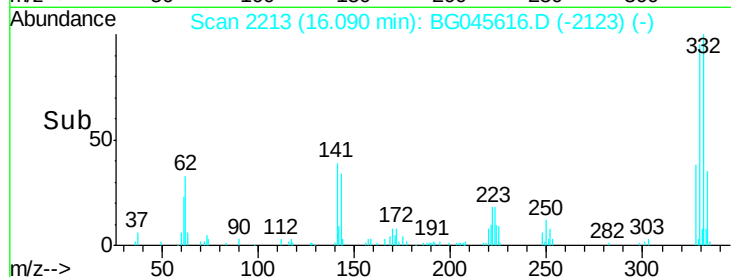
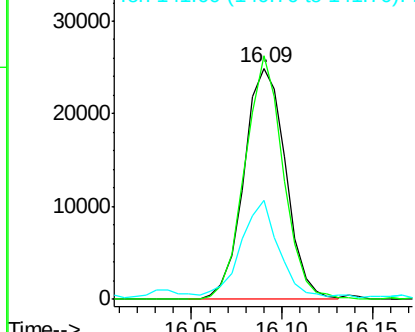
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Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#45

2-Fluorobiphenyl

Concen: 14.06 ng

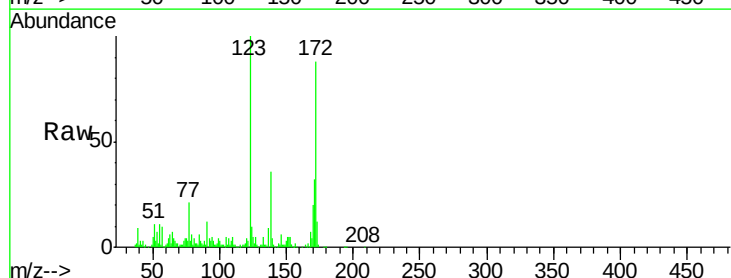
RT: 13.22 min Scan# 1724

Delta R.T. 0.00 min

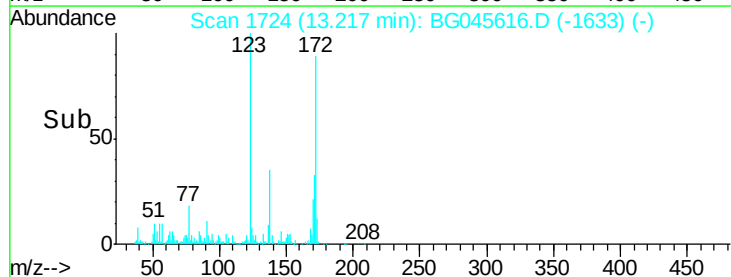
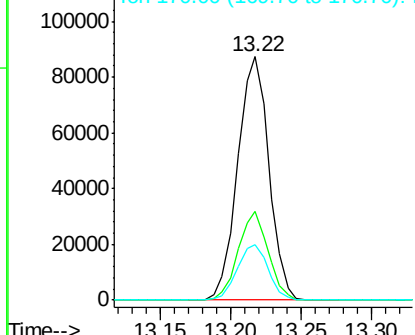
Lab File: BG045616.D

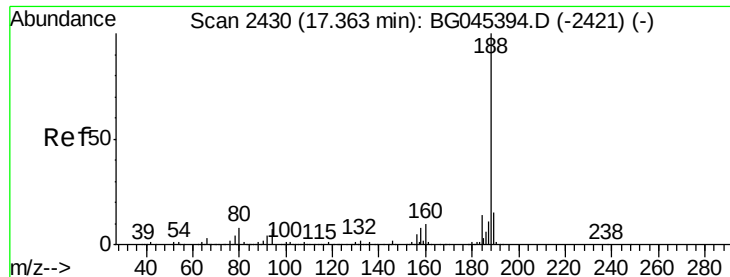
Acq: 5 Jun 2020 14:36

Tgt Ion:	172	Resp:	134678
Ion Ratio	Lower	Upper	
172	100		
171	36.4	29.5	44.3
170	23.0	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: 20.00 ng

RT: 17.35 min Scan# 2427

Delta R.T. 0.00 min

Lab File: BG045616.D

Acq: 5 Jun 2020 14:36

Instrument :

BNA_G

ClientSampleId :

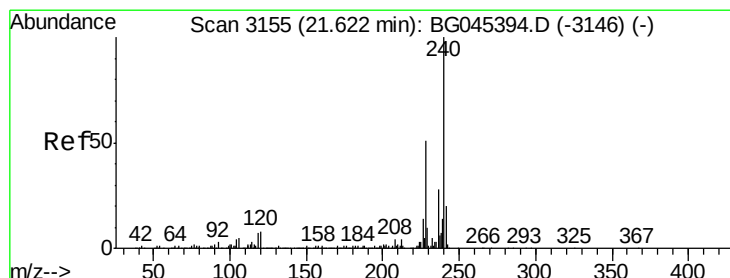
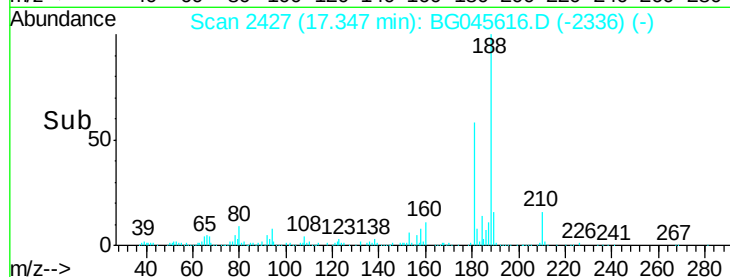
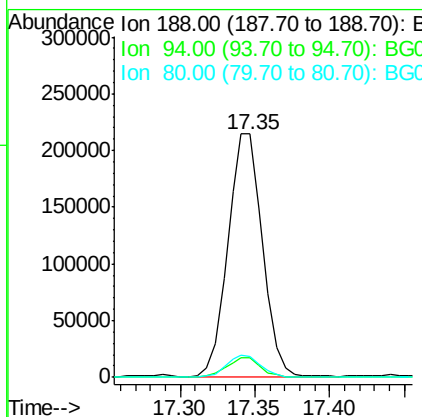
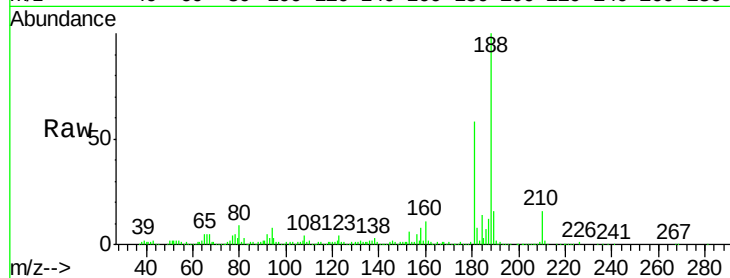
C0AP7DL

Tgt	Ion:188	Resp:	343483
Ion	Ratio	Lower	Upper
188	100		
94	8.0	5.5	8.3
80	8.8	6.6	10.0

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#76

Chrysene-d12

Concen: 20.00 ng

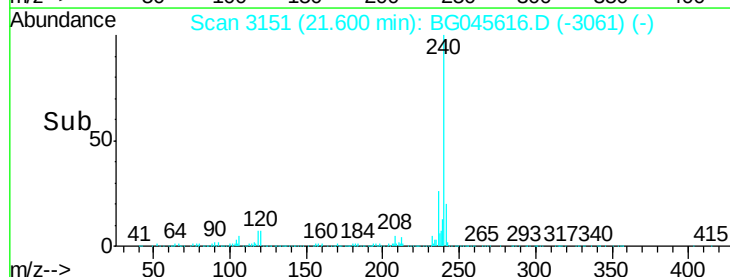
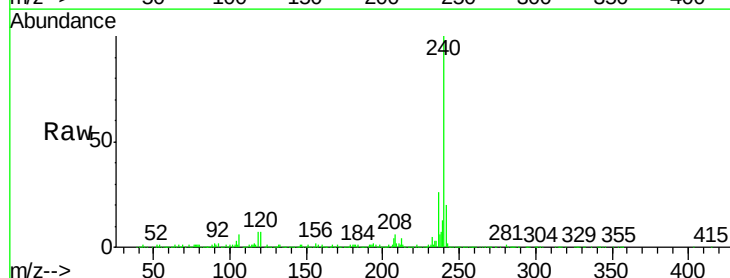
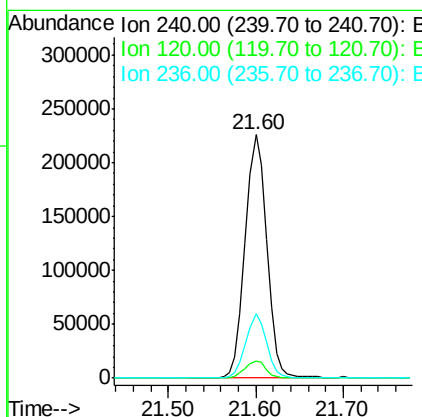
RT: 21.60 min Scan# 3151

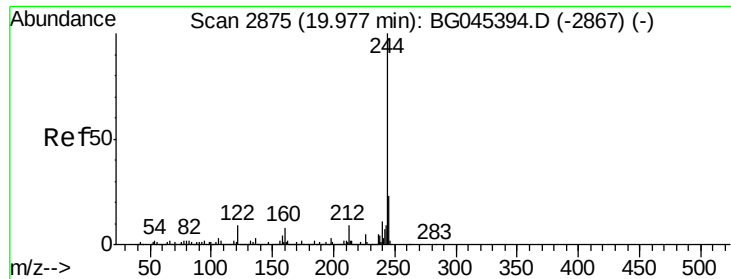
Delta R.T. -0.00 min

Lab File: BG045616.D

Acq: 5 Jun 2020 14:36

Tgt	Ion:240	Resp:	376871
Ion	Ratio	Lower	Upper
240	100		
120	7.2	6.1	9.1
236	26.4	22.3	33.5





#79

Terphenyl-d14

Concen: 15.11 ng

RT: 19.96 min Scan# 2871

Delta R.T. -0.00 min

Lab File: BG045616.D

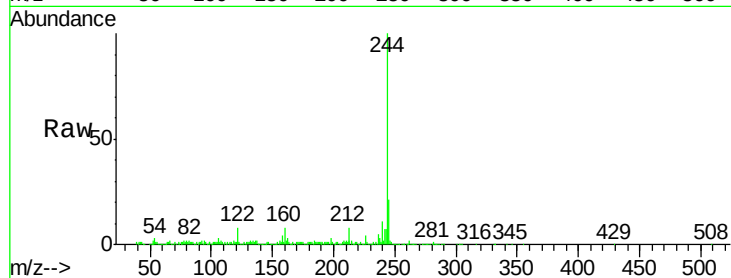
Acq: 5 Jun 2020 14:36

Instrument :

BNA_G

ClientSampleId :

C0AP7DL

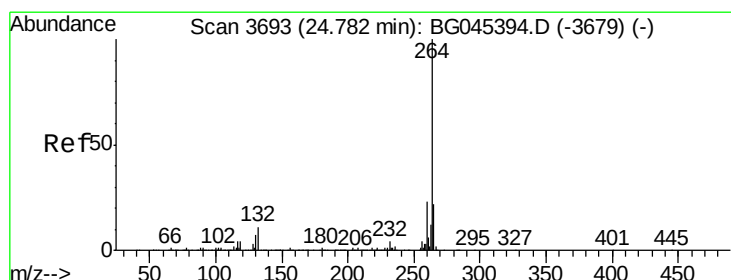
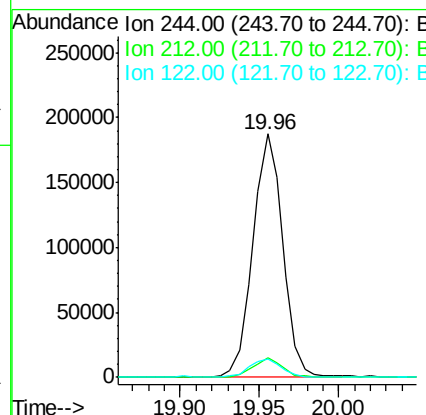
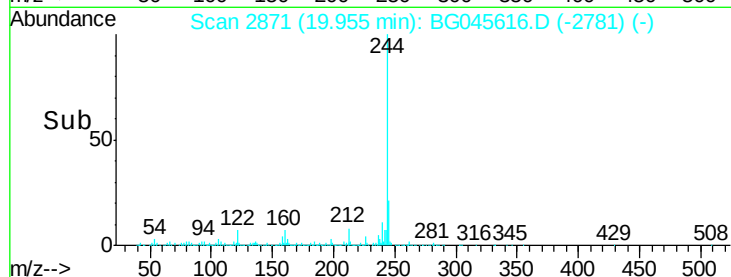


Tgt Ion:	244	Resp:	244188
Ion Ratio	Lower	Upper	
244	100		
212	8.3	7.4	11.0
122	7.5	6.8	10.2

Manual Integrations
APPROVED

mohammad

6/8/2020 12:50:05 PM



#87

Perylene-d12

Concen: 20.00 ng

RT: 24.75 min Scan# 3687

Delta R.T. -0.00 min

Lab File: BG045616.D

Acq: 5 Jun 2020 14:36

Tgt Ion:	264	Resp:	398545
Ion Ratio	Lower	Upper	
264	100		
260	23.9	18.2	27.4
265	21.9	17.6	26.4

