

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
 Data File : BM026118.D
 Acq On : 26 May 2020 17:31
 Operator : MA/SJ
 Sample : L2737-14DL 10X
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B11DL

Manual Integrations
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mohammad
 5/27/2020 11:47:07 AM

Quant Time: May 27 06:05:05 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue May 26 11:15:44 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.49	152	153110	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	620473	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	371779	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	771989	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	811814	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	836922	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	3380m	0.67	ng/uL	0.00
5) Phenol-d5	6.69	99	10604	0.76	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	30344	3.16	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	28439	2.62	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	19180	1.83	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	17237	3.41	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	15967	3.19	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	33078	3.29	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	105607	3.54	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	119882	3.39	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	3679	0.70	ng/ul	0.00
58) Fluorene-d10	15.13	176	93572	3.61	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.27	200	10741	2.39	ng/ul	0.00
71) Anthracene-d10	16.98	188	145055	3.81	ng/ul	0.00
79) Pyrene-d10	19.28	212	158897	3.81	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	149786	3.36	ng/ul	0.00

Target Compounds

						Qvalue
6) Phenol	6.71	94	60157	3.86	ng/ul	97
11) 2-Methylphenol	7.95	108	108972	10.16	ng/ul	98
14) Acetophenone	8.31	105	17648	1.00	ng/ul#	75
16) 4-Methylphenol	8.26	108	152103	13.04	ng/ul	90
24) 2,4-Dimethylphenol	9.46	107	336060m	24.19	ng/ul	
28) Naphthalene	10.31	128	23505221m	619.59	ng/ul	
34) 2-Methylnaphthalene	11.92	142	846841	33.19	ng/ul	100
41) 1,1'-Biphenyl	12.96	154	152915	4.64	ng/ul	98
50) Acenaphthene	14.20	153	794092	29.04	ng/ul	99
54) Dibenzofuran	14.53	168	598354	15.57	ng/ul	99
59) Fluorene	15.19	166	435003	13.99	ng/ul	99
70) Phenanthrene	16.93	178	917923	18.88	ng/ul	100
72) Anthracene	17.02	178	89105	1.83	ng/ul	96
75) Carbazole	17.29	167	1828265	45.30	ng/ul	99
77) Fluoranthene	18.94	202	279374	5.48	ng/ul	98
80) Pyrene	19.31	202	181341	3.18	ng/ul	97

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

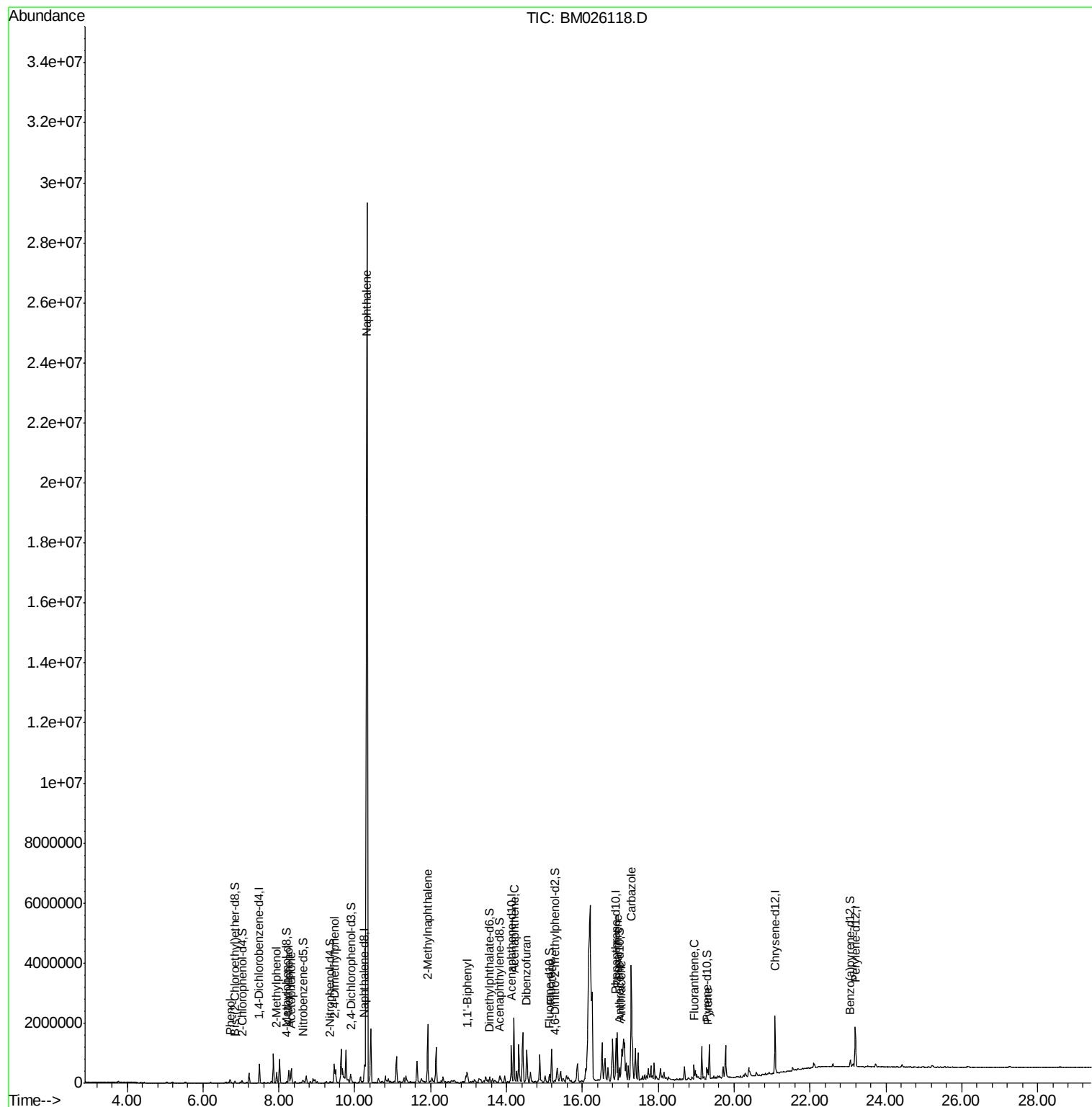
Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
Data File : BM026118.D
Acq On : 26 May 2020 17:31
Operator : MA/SJ
Sample : L2737-14DL 10X
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ALS Vial : 13 Sample Multiplier: 1

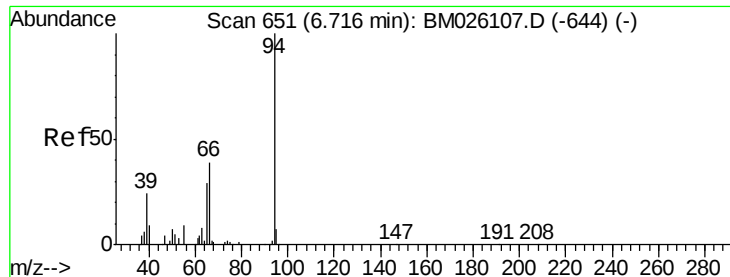
Instrument :
BNA_M
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Quant Time: May 27 06:05:05 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM051320MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue May 26 11:15:44 2020
Response via : Initial Calibration





#6

Phenol

Concen: 3.86 ng/ul

RT: 6.71 min Scan# 650

Delta R.T. -0.01 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

Instrument :

BNA_M

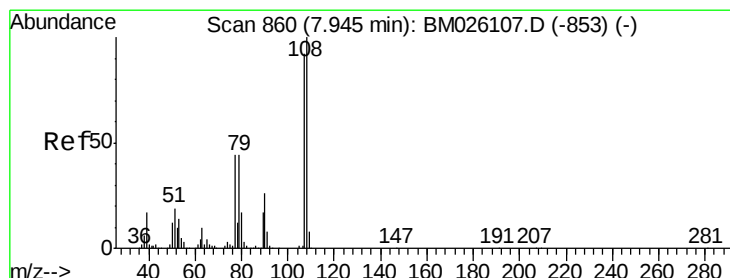
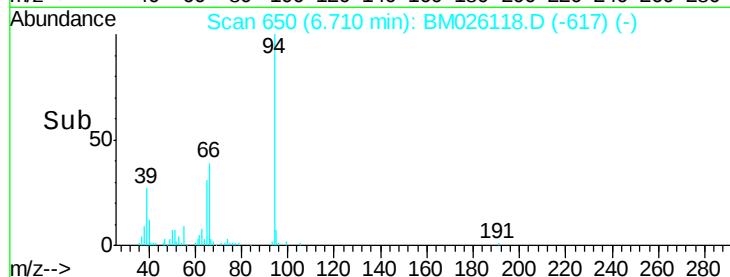
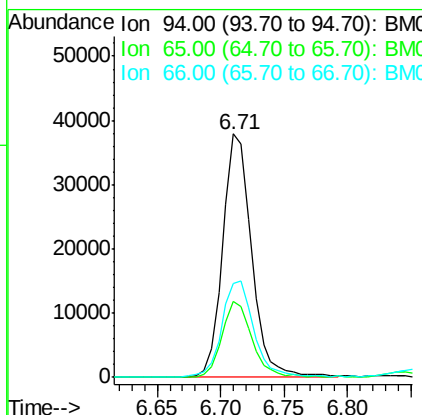
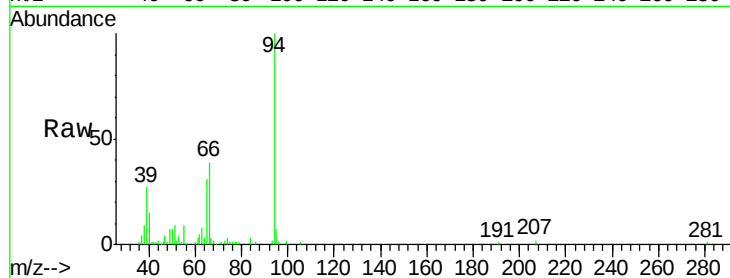
ClientSampleId :

F9B11DL

Tgt Ion:	94	Resp:	60157
Ion Ratio	Lower	Upper	
94	100		
65	31.2	25.8	38.8
66	38.7	33.3	49.9

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#11

2-Methylphenol

Concen: 10.16 ng/ul

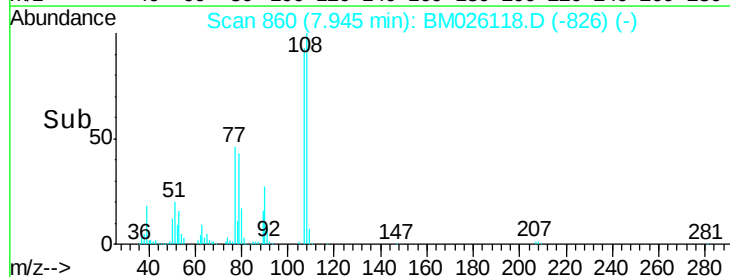
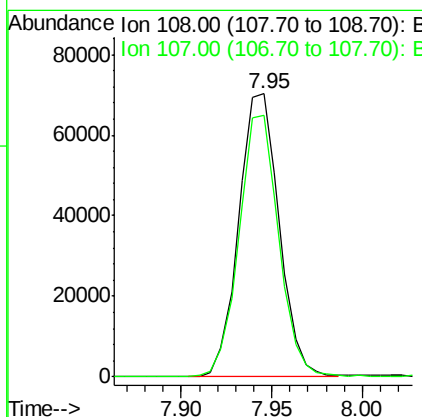
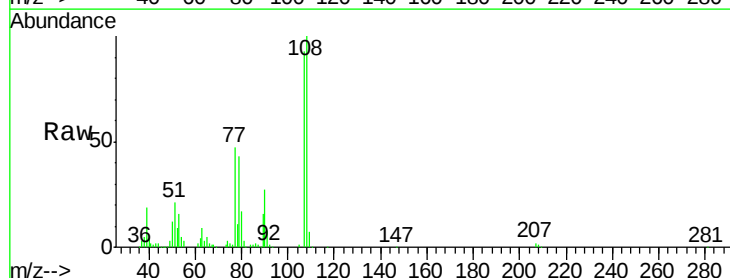
RT: 7.95 min Scan# 860

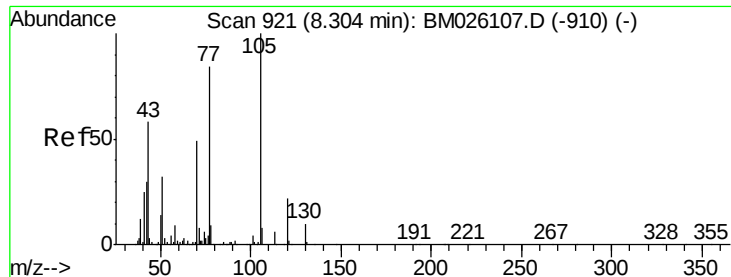
Delta R.T. -0.00 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

Tgt Ion:	108	Resp:	108972
Ion Ratio	Lower	Upper	
108	100		
107	92.6	72.3	108.5





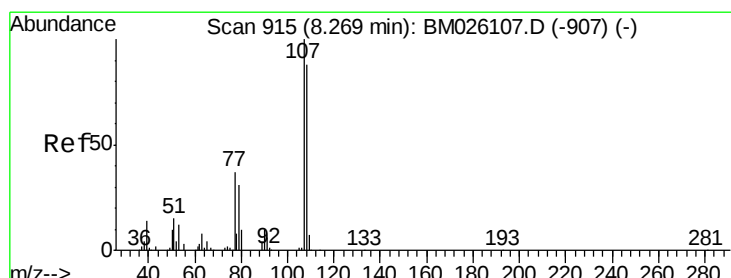
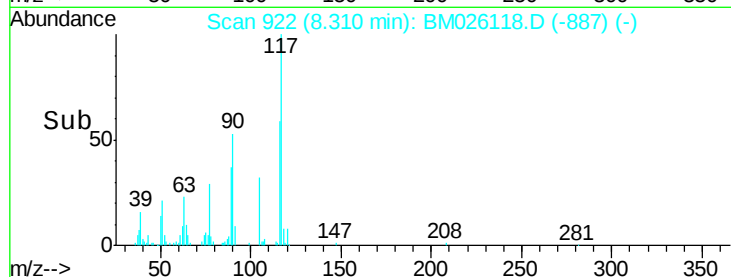
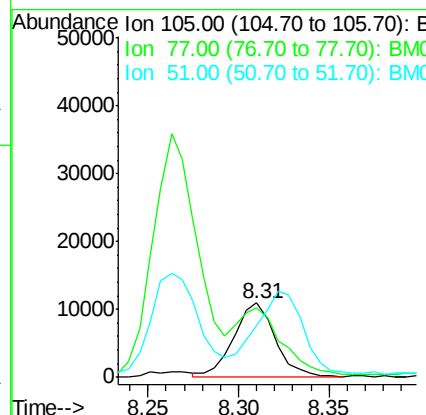
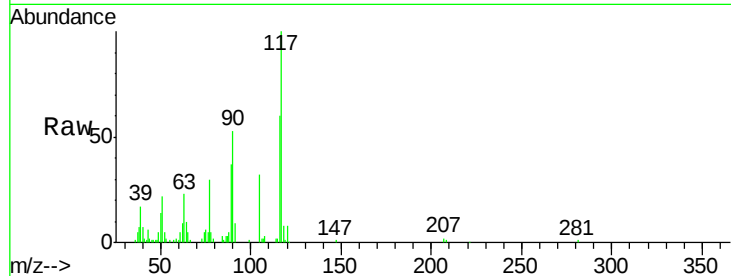
#14
Acetophenone
Concen: 1.00 ng/ul
RT: 8.31 min Scan# 922
Delta R.T. 0.01 min
Lab File: BM026118.D
Acq: 26 May 2020 17:31

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ClientSampleId :
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Tgt Ion	Ratio	Resp	Lower	Upper
105	100	17648		
77	93.5	67.2	100.8	
51	70.0	27.4	41.0	

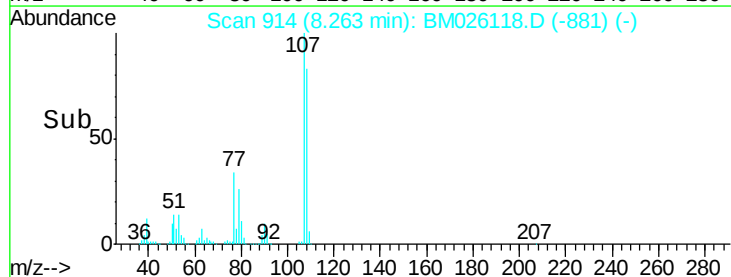
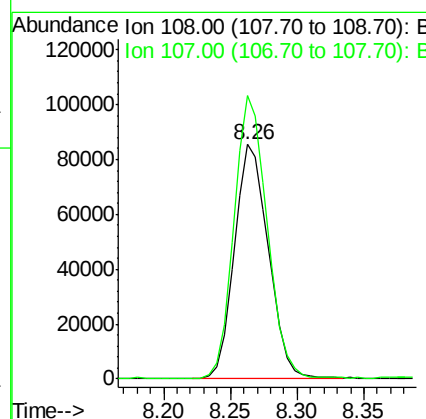
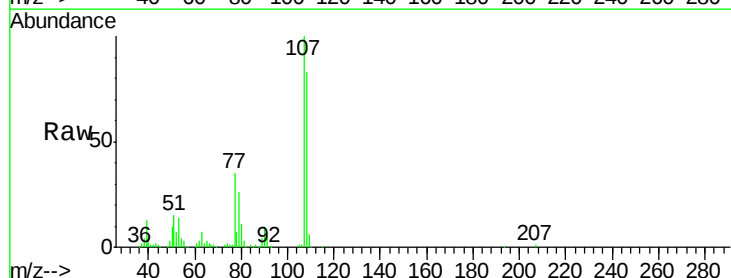
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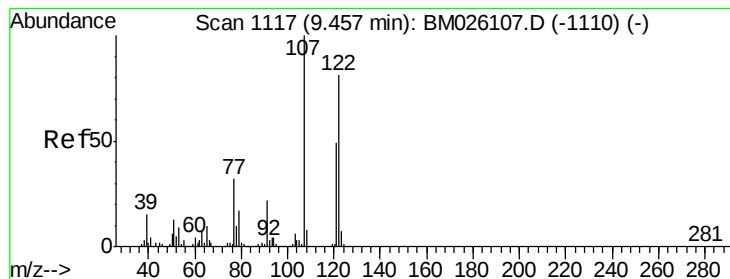
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#16
4-Methylphenol
Concen: 13.04 ng/ul
RT: 8.26 min Scan# 914
Delta R.T. -0.01 min
Lab File: BM026118.D
Acq: 26 May 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
108	100	152103		
107	120.8	88.6	132.8	





#24

2,4-Dimethylphenol

Concen: 24.19 ng/ul m

RT: 9.46 min Scan# 1117

Delta R.T. -0.00 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

Instrument :

BNA_M

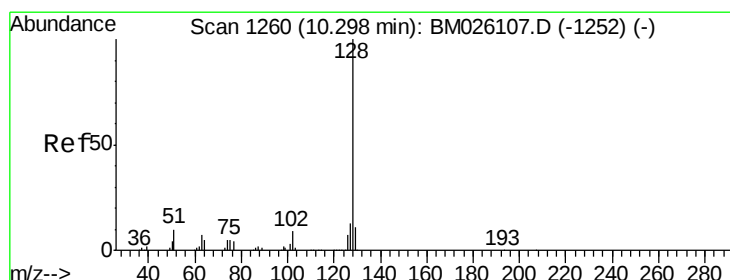
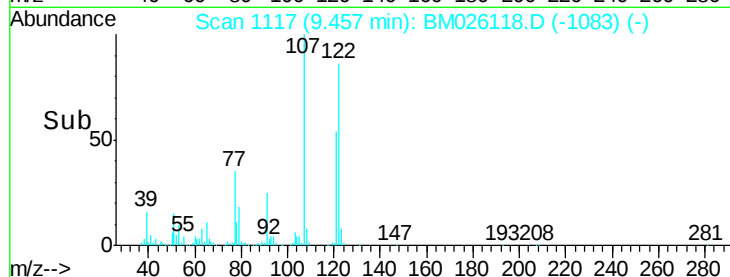
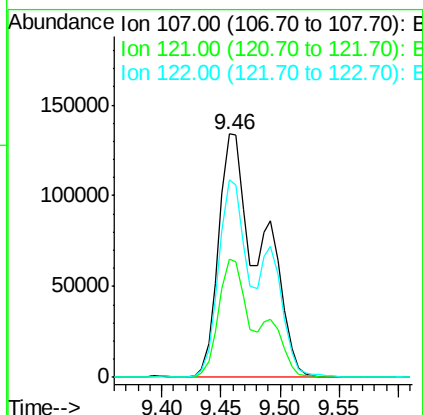
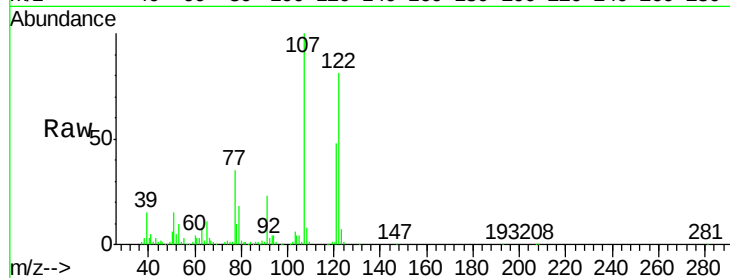
ClientSampleId :

F9B11DL

Tgt Ion:	107	Resp:	336060
Ion Ratio	Lower	Upper	
107	100		
121	48.4	37.5	56.3
122	81.2	63.8	95.6

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#28

Naphthalene

Concen: 619.59 ng/ul m

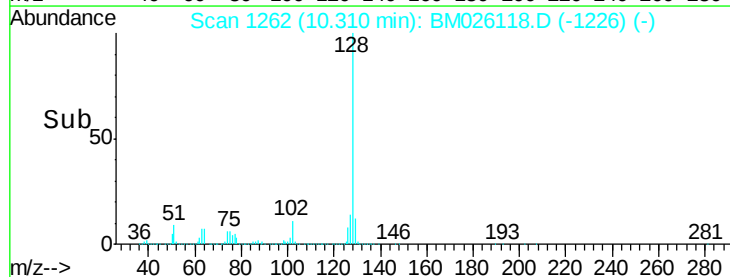
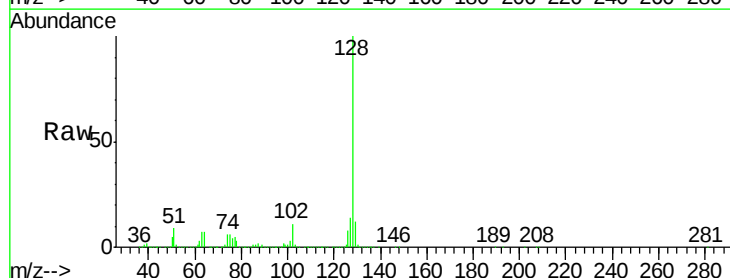
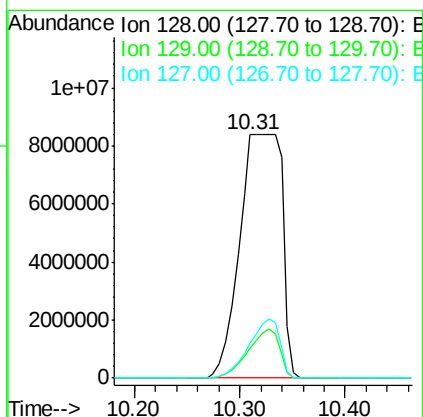
RT: 10.31 min Scan# 1262

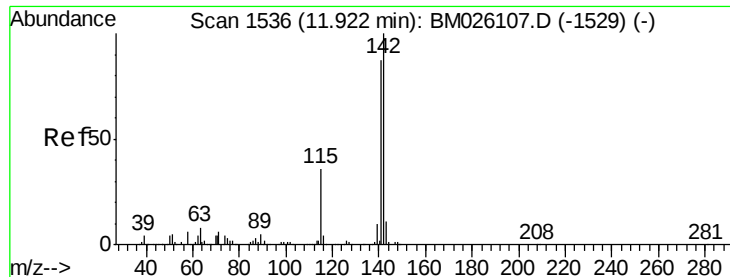
Delta R.T. 0.01 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

Tgt Ion:	128	Resp:	23505221
Ion Ratio	Lower	Upper	
128	100		
129	12.2	9.0	13.4
127	14.2	10.6	15.8





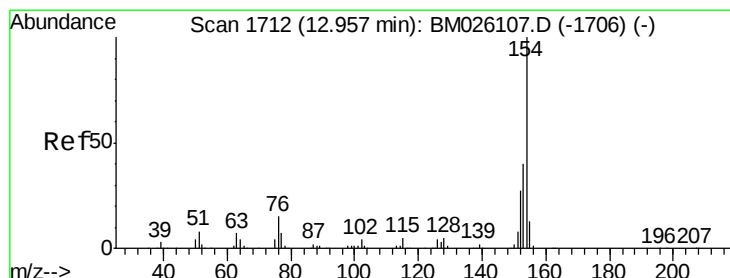
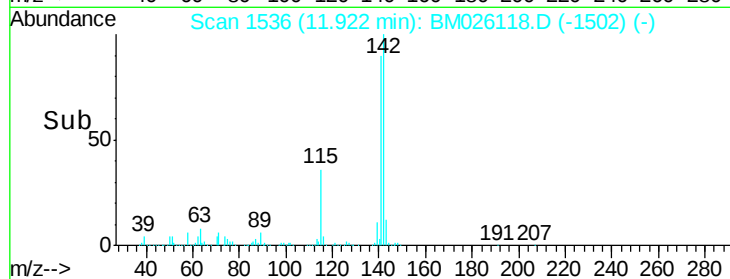
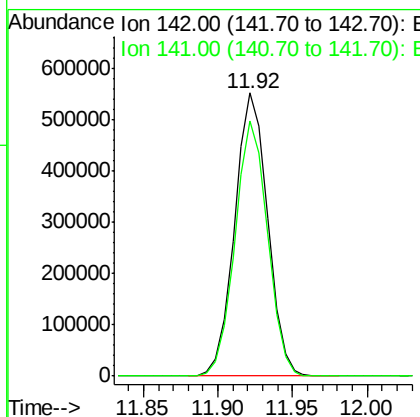
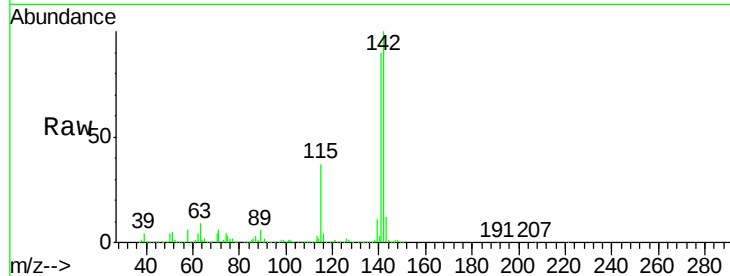
#34
 2-Methylnaphthalene
 Concen: 33.19 ng/ul
 RT: 11.92 min Scan# 1536
 Delta R.T. -0.00 min
 Lab File: BM026118.D
 Acq: 26 May 2020 17:31

Instrument :
 BNA_M
 ClientSampleId :
 F9B11DL

Tgt Ion	Ratio	Resp	Lower	Upper
142	100	846841		
141	90.1	71.8	107.6	

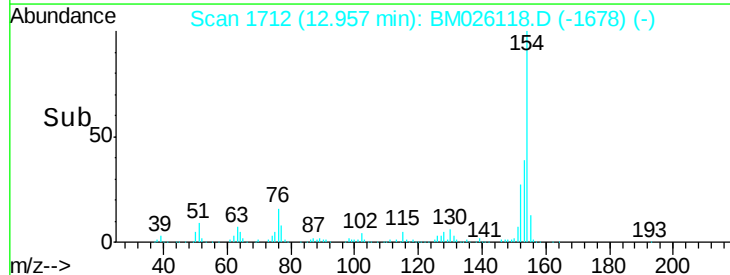
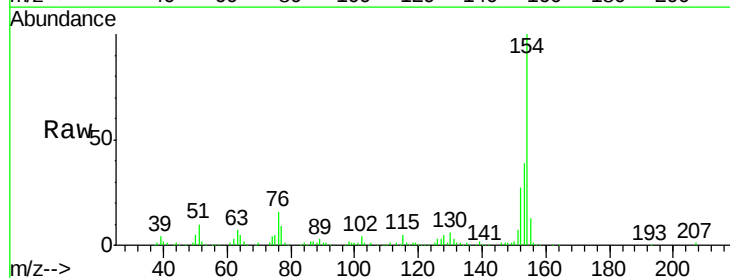
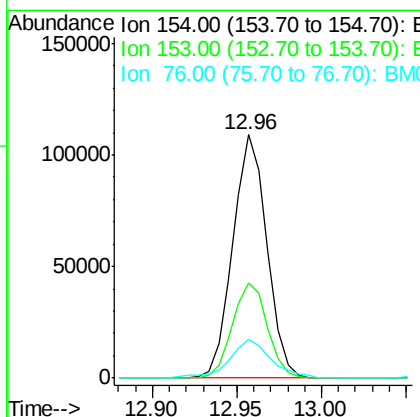
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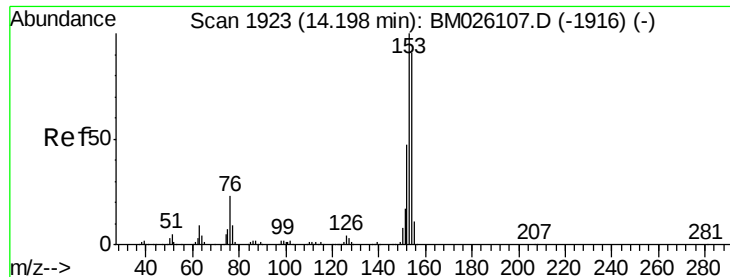
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#41
 1,1'-Biphenyl
 Concen: 4.64 ng/ul
 RT: 12.96 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BM026118.D
 Acq: 26 May 2020 17:31

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	152915		
153	38.9	32.3	48.5	
76	15.9	13.0	19.6	





#50

Acenaphthene

Concen: 29.04 ng/ul

RT: 14.20 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

Instrument :

BNA_M

ClientSampleId :

F9B11DL

Tgt Ion:153 Resp: 794092
Ion Ratio Lower Upper

153 100

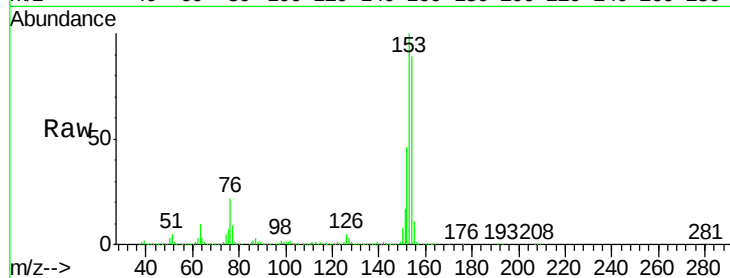
152 45.9 37.2 55.8

154 88.6 69.8 104.8

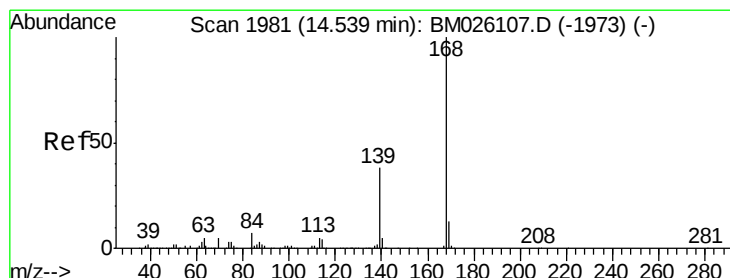
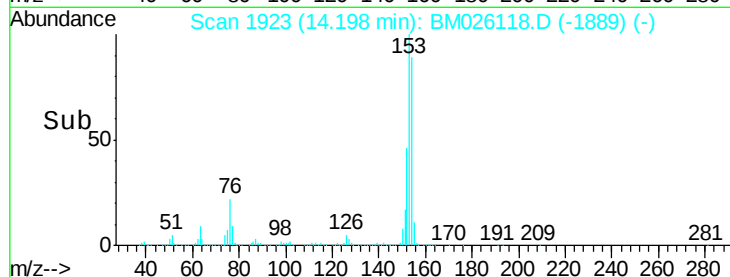
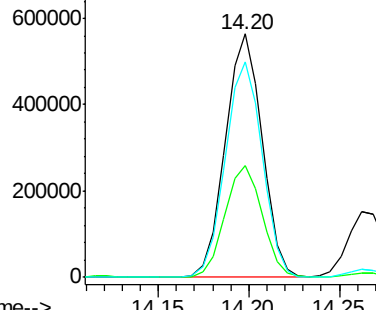
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Abundance Ion 153.00 (152.70 to 153.70): E
Ion 152.00 (151.70 to 152.70): E
Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 15.57 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

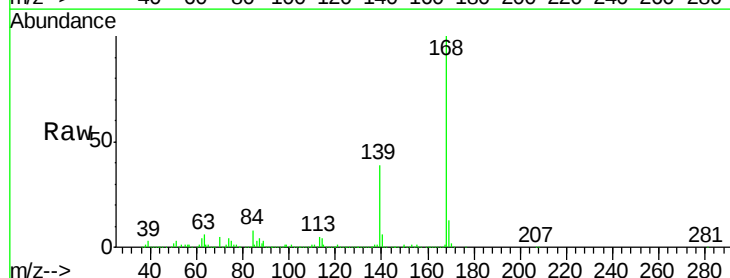
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Acq: 26 May 2020 17:31

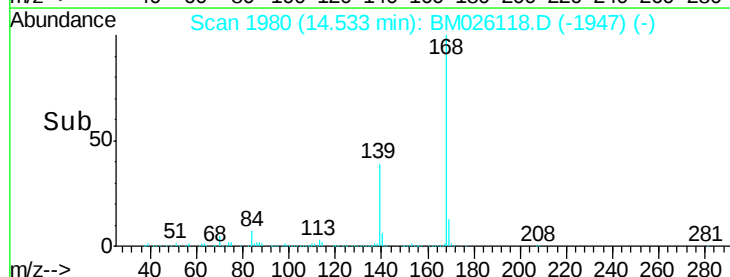
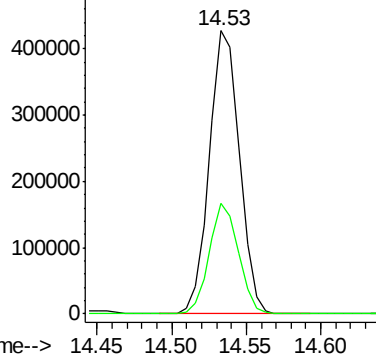
Tgt Ion:168 Resp: 598354
Ion Ratio Lower Upper

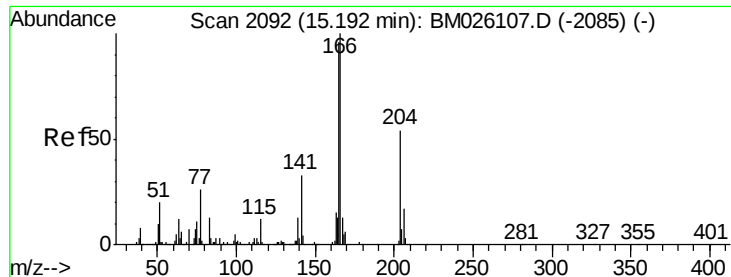
168 100

139 39.1 30.7 46.1



Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E





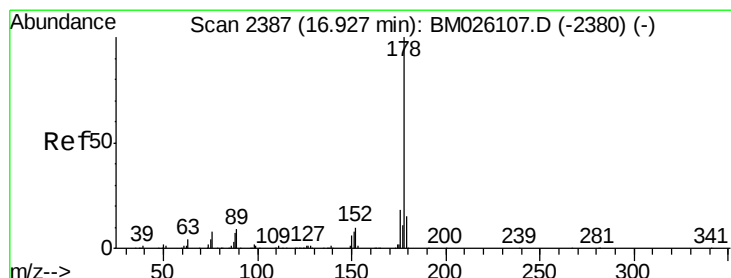
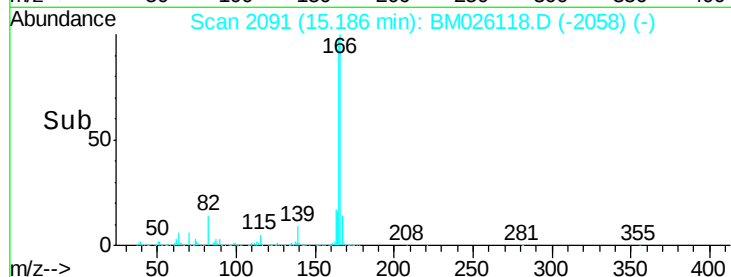
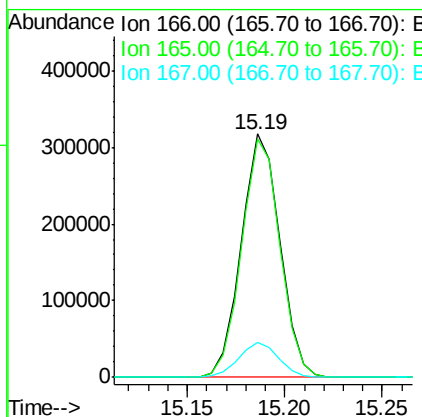
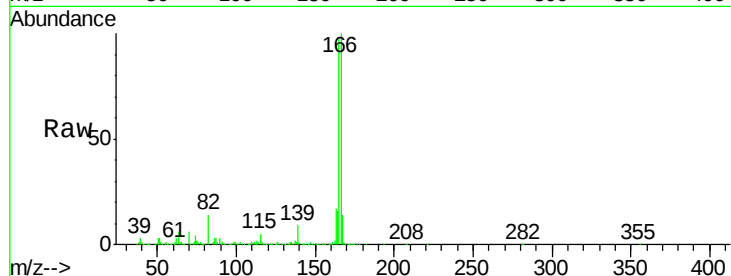
#59
Fluorene
 Concen: 13.99 ng/ul
 RT: 15.19 min Scan# 2091
 Delta R.T. -0.01 min
 Lab File: BM026118.D
 Acq: 26 May 2020 17:31

Instrument :
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 F9B11DL

Tgt Ion	Ratio	Lower	Upper
166	100		
165	97.9	77.3	115.9
167	14.2	10.6	16.0

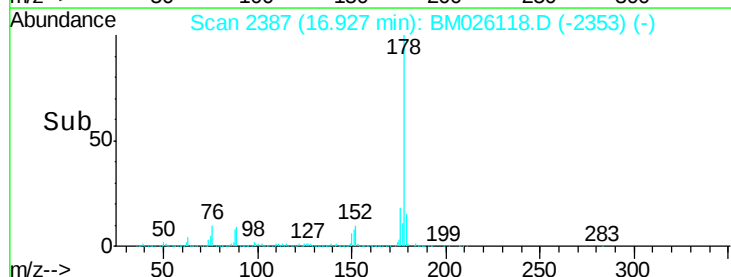
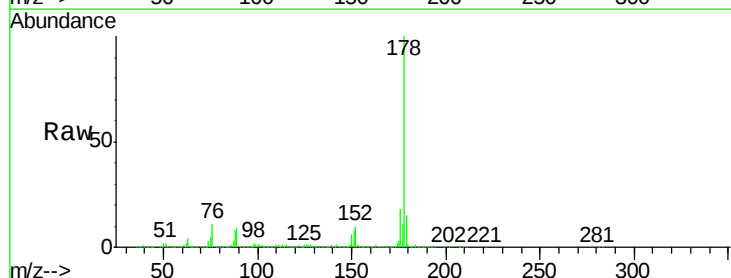
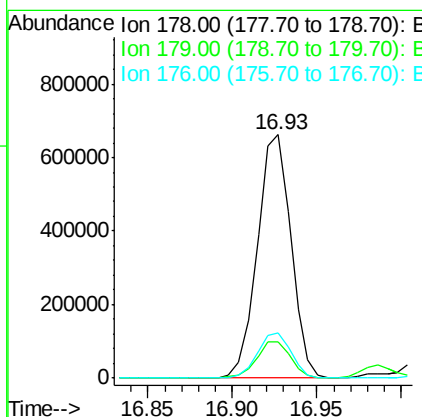
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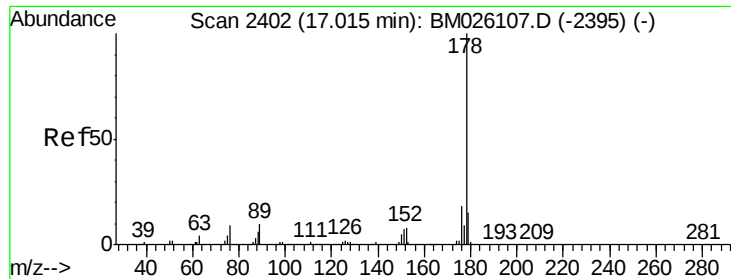
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#70
Phenanthrene
 Concen: 18.88 ng/ul
 RT: 16.93 min Scan# 2387
 Delta R.T. -0.00 min
 Lab File: BM026118.D
 Acq: 26 May 2020 17:31

Tgt Ion	Ratio	Lower	Upper
178	100		
179	15.0	11.9	17.9
176	18.4	14.9	22.3





#72

Anthracene

Concen: 1.83 ng/ul

RT: 17.02 min Scan# 2402

Delta R.T. -0.00 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

Instrument :

BNA_M

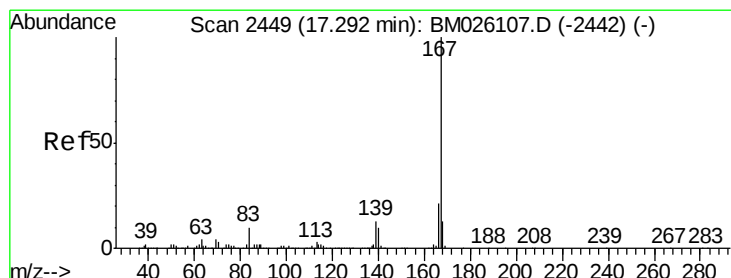
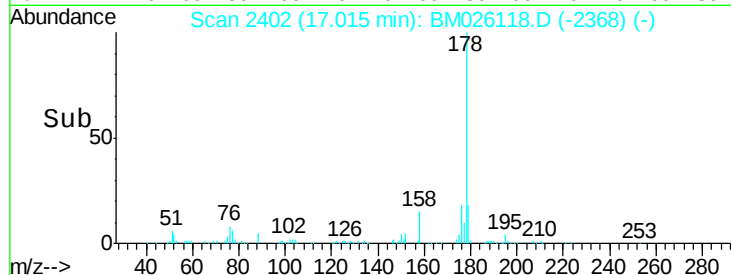
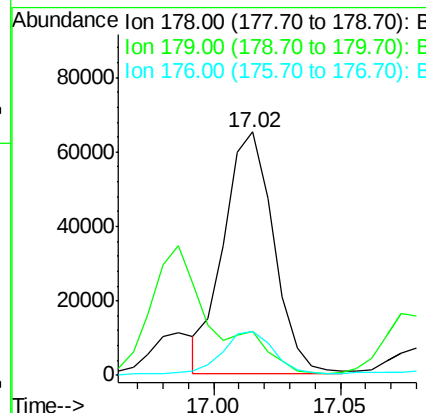
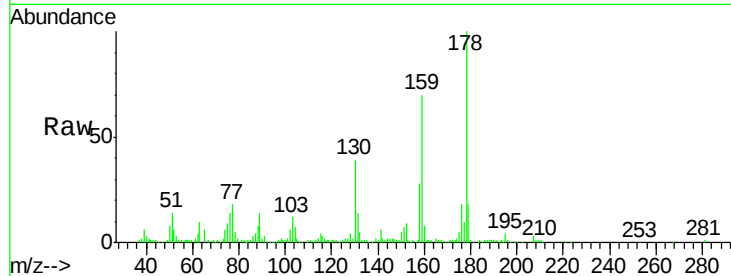
ClientSampled :

F9B11DL

Tgt Ion:	178	Resp:	89105
Ion Ratio	Lower	Upper	
178	100		
179	17.8	12.2	18.4
176	17.8	14.9	22.3

Manual Integrations
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#75

Carbazole

Concen: 45.30 ng/ul

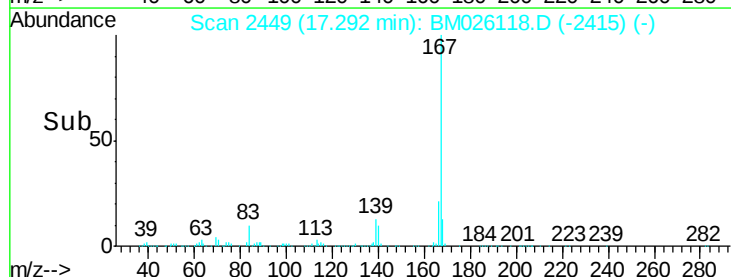
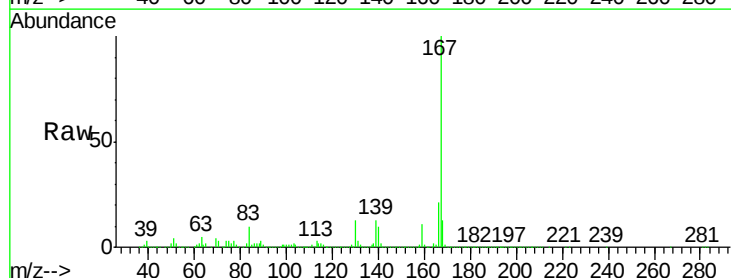
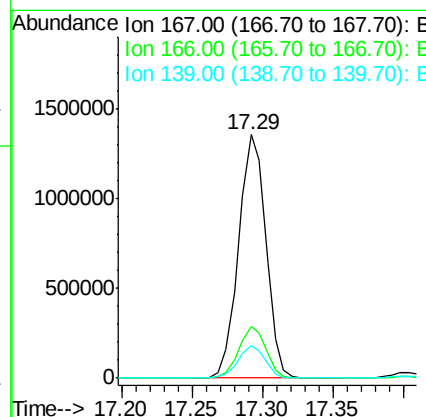
RT: 17.29 min Scan# 2449

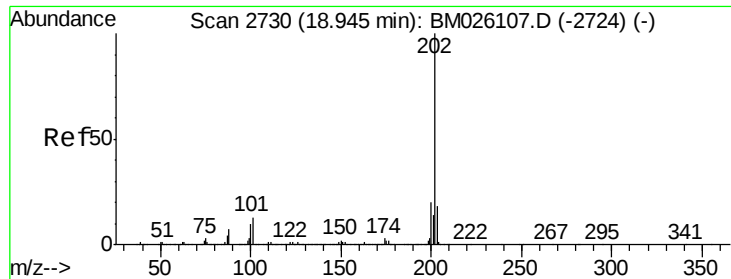
Delta R.T. -0.00 min

Lab File: BM026118.D

Acq: 26 May 2020 17:31

Tgt Ion:	167	Resp:	1828265
Ion Ratio	Lower	Upper	
167	100		
166	21.3	16.6	25.0
139	13.2	10.8	16.2





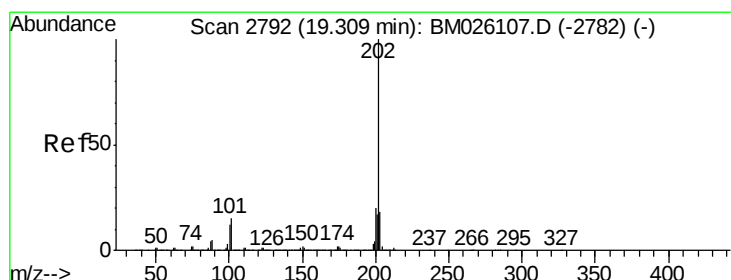
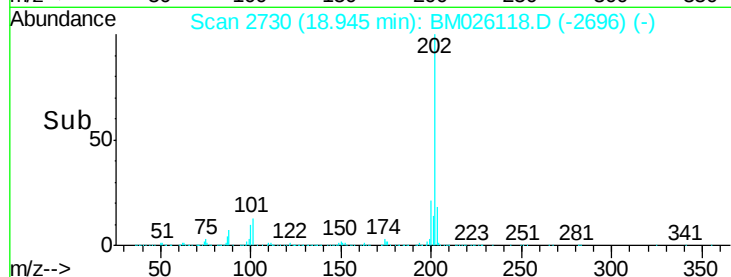
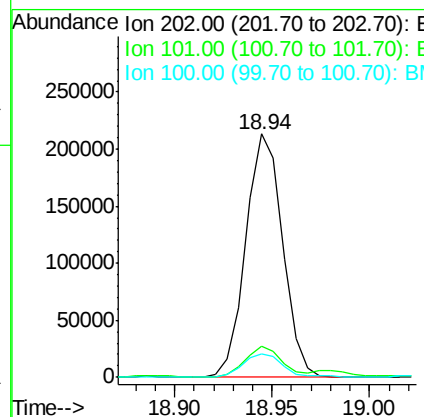
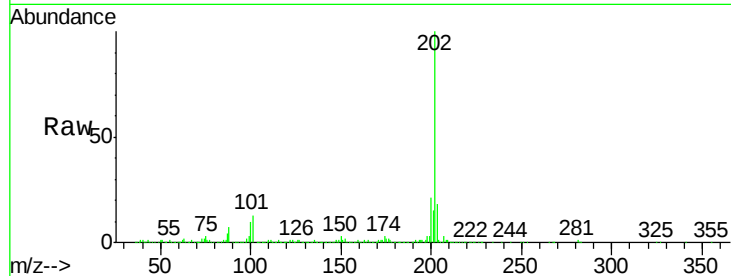
#77
Fluoranthene
Concen: 5.48 ng/ul
RT: 18.94 min Scan# 2730
Delta R.T. -0.00 min
Lab File: BM026118.D
Acq: 26 May 2020 17:31

Instrument :
BNA_M
ClientSampleId :
F9B11DL

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.0	9.5	14.3
100	9.7	7.6	11.4

Manual Integrations
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#80
Pyrene
Concen: 3.18 ng/ul
RT: 19.31 min Scan# 2792
Delta R.T. -0.00 min
Lab File: BM026118.D
Acq: 26 May 2020 17:31

Tgt Ion	Ratio	Resp Lower	Resp Upper
202	100		
101	13.7	12.2	18.4
100	12.2	10.2	15.4

