

Data Path : Z:\SVOASRV\HPCHEM1\BNA_M\DATA\BM052620\
 Data File : BM026112.D
 Acq On : 26 May 2020 13:49
 Operator : MA/SJ
 Sample : L2737-06DL 5X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 F9B25DL

Manual Integrations
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Quant Time: May 26 14:32:49 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	146448	20.00	ng/ul	0.00
18) Naphthalene-d8	10.26	136	597754	20.00	ng/ul	0.00
36) Acenaphthene-d10	14.13	164	354302	20.00	ng/ul	0.00
62) Phenanthrene-d10	16.88	188	760637	20.00	ng/ul	0.00
78) Chrysene-d12	21.08	240	811134	20.00	ng/ul	0.00
86) Perylene-d12	23.20	264	821354	20.00	ng/ul	0.00

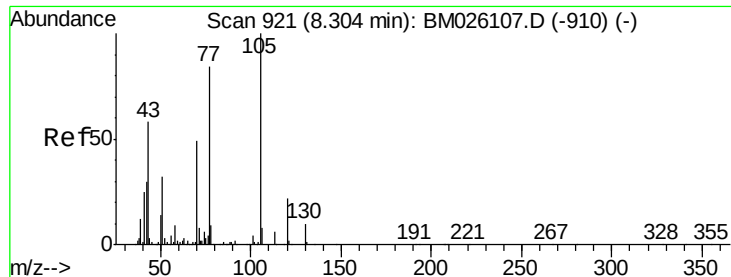
System Monitoring Compounds

3) 1,4-Dioxane-d8	3.07	96	5342	1.10	ng/uL	0.00
5) Phenol-d5	6.69	99	20221	1.52	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	6.84	67	53829	5.86	ng/ul	0.00
9) 2-Chlorophenol-d4	7.03	132	48465	4.66	ng/ul	0.00
13) 4-Methylphenol-d8	8.20	113	34530	3.45	ng/ul	0.00
19) Nitrobenzene-d5	8.63	128	29687	6.09	ng/ul	0.00
22) 2-Nitrophenol-d4	9.35	143	28191	5.85	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	9.89	165	53692	5.55	ng/ul	0.00
29) 4-Chloroaniline-d4	0.00	131	0d	0.00	ng/ul	
44) Dimethylphthalate-d6	13.56	166	202336	7.12	ng/ul	0.00
47) Acenaphthylene-d8	13.82	160	215764	6.41	ng/ul	0.00
52) 4-Nitrophenol-d4	14.37	143	6294	1.25	ng/ul	0.00
58) Fluorene-d10	15.13	176	172344	6.97	ng/ul	0.00
63) 4,6-Dinitro-2-methylphenol	15.26	200	18980	4.28	ng/ul	0.00
71) Anthracene-d10	16.98	188	277345	7.40	ng/ul	0.00
79) Pyrene-d10	19.28	212	317998	7.63	ng/ul	0.00
90) Benzo(a)pyrene-d12	23.07	264	321312	7.35	ng/ul	0.00

Target Compounds

						Qvalue
14) Acetophenone	8.30	105	22392	1.33	ng/ul#	96
28) Naphthalene	10.31	128	27090906m	741.25	ng/ul	
34) 2-Methylnaphthalene	11.92	142	1350466	54.94	ng/ul	98
41) 1,1'-Biphenyl	12.96	154	316233	10.06	ng/ul	98
45) Dimethylphthalate	13.60	163	36590	1.23	ng/ul	99
50) Acenaphthene	14.20	153	1156500	44.37	ng/ul	97
54) Dibenzofuran	14.53	168	804999	21.98	ng/ul	100
59) Fluorene	15.19	166	548834	18.52	ng/ul	99
70) Phenanthrene	16.92	178	770362	16.08	ng/ul	99
72) Anthracene	17.01	178	61170	1.27	ng/ul	98
75) Carbazole	17.29	167	1983138	49.87	ng/ul	99
77) Fluoranthene	18.94	202	96302	1.92	ng/ul	97
80) Pyrene	19.31	202	89754	1.58	ng/ul	98

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



#14

Acetophenone

Concen: 1.33 ng/ul

RT: 8.30 min Scan# 921

Delta R.T. 0.00 min

Lab File: BM026112.D

Acq: 26 May 2020 13:49

Instrument :

BNA_M

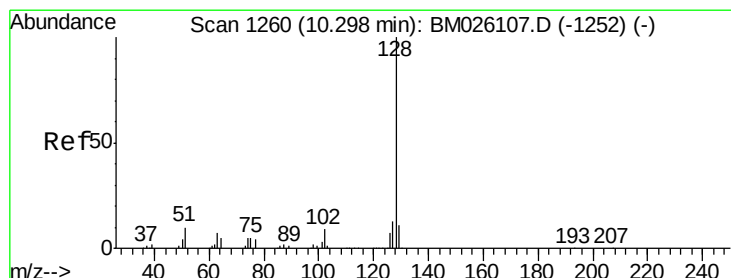
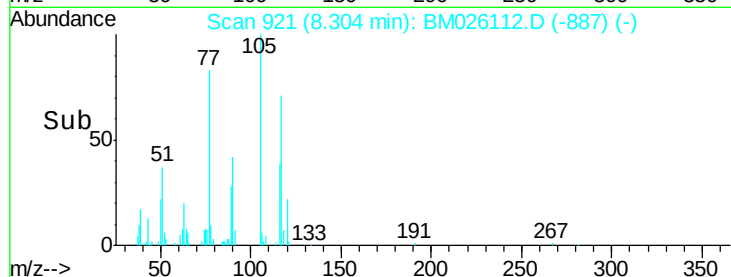
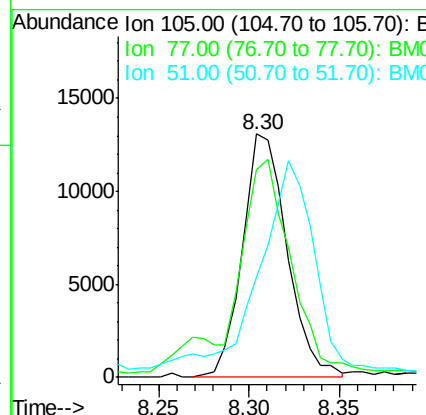
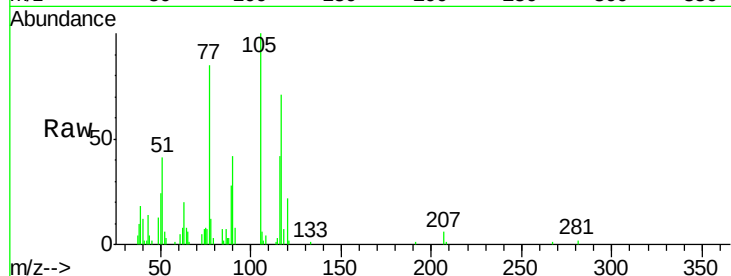
ClientSampleId :

F9B25DL

Tgt Ion:	105	Resp:	22392
Ion Ratio	Lower	Upper	
105	100		
77	85.1	67.2	100.8
51	41.1	27.4	41.0

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#28

Naphthalene

Concen: 741.25 ng/ul m

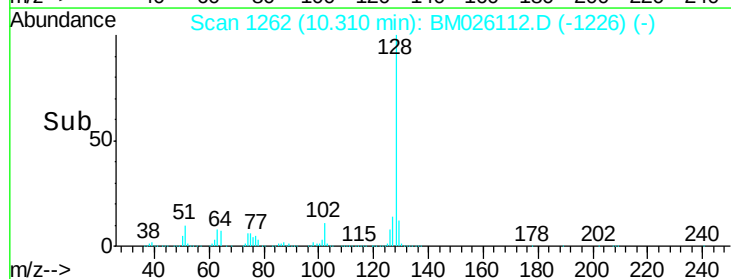
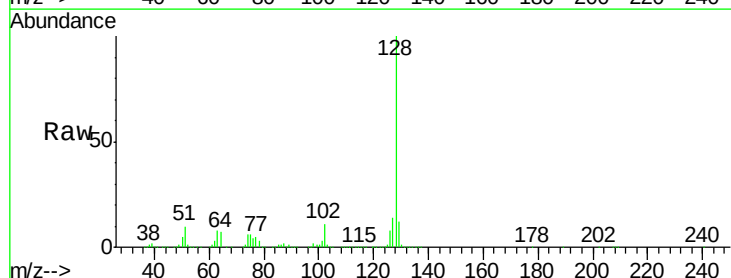
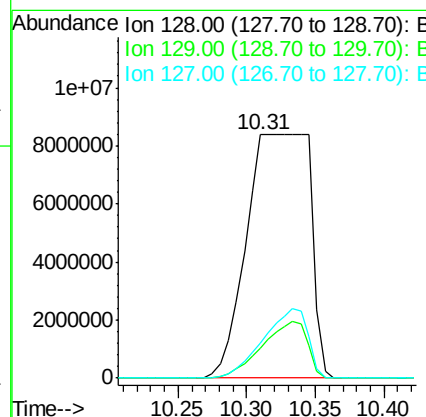
RT: 10.31 min Scan# 1262

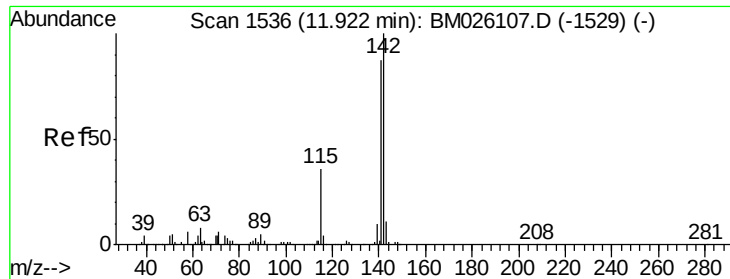
Delta R.T. 0.01 min

Lab File: BM026112.D

Acq: 26 May 2020 13:49

Tgt Ion:	128	Resp:	27090906
Ion Ratio	Lower	Upper	
128	100		
129	12.4	9.0	13.4
127	14.4	10.6	15.8





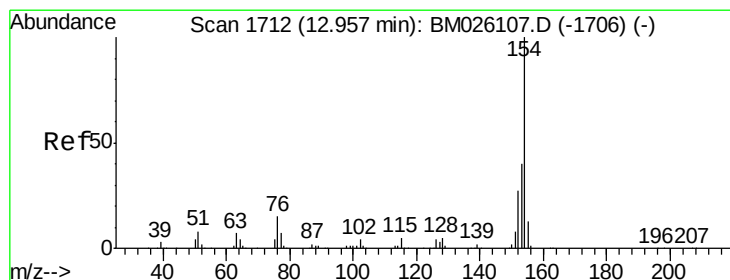
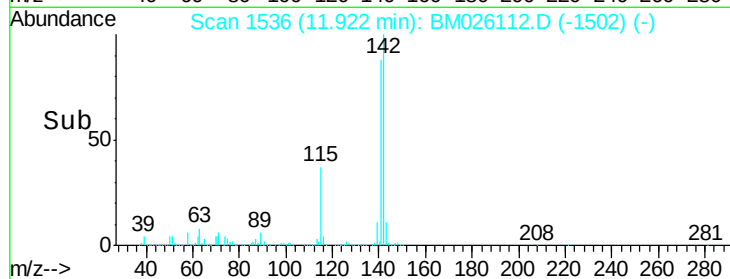
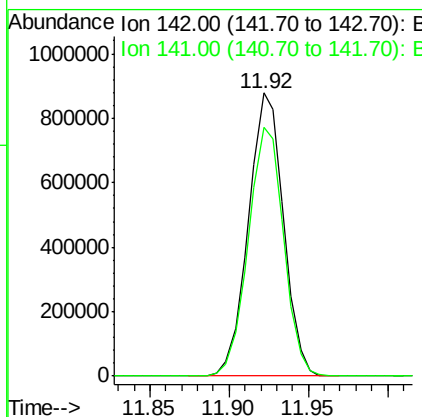
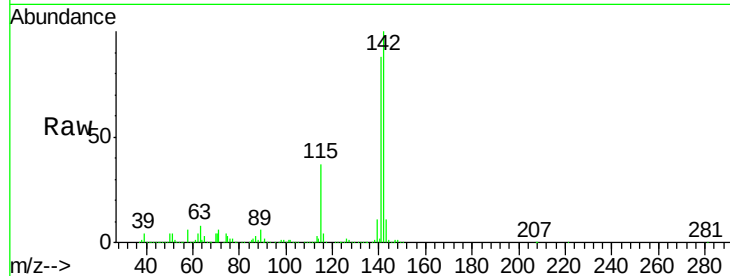
#34
 2-Methylnaphthalene
 Concen: 54.94 ng/ul
 RT: 11.92 min Scan# 1536
 Delta R.T. 0.00 min
 Lab File: BM026112.D
 Acq: 26 May 2020 13:49

Instrument :
 BNA_M
 ClientSampleId :
 F9B25DL

Tgt Ion:142 Resp: 1350466
 Ion Ratio Lower Upper
 142 100
 141 87.9 71.8 107.6

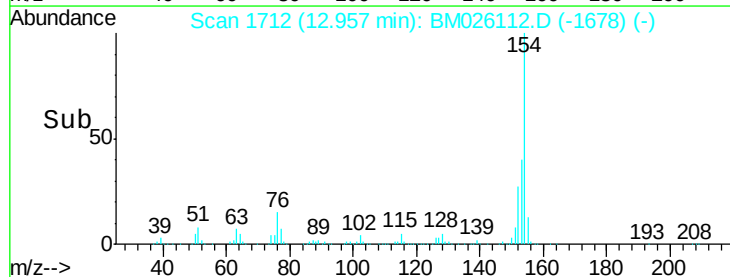
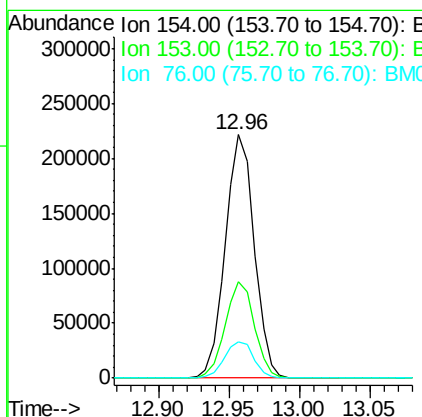
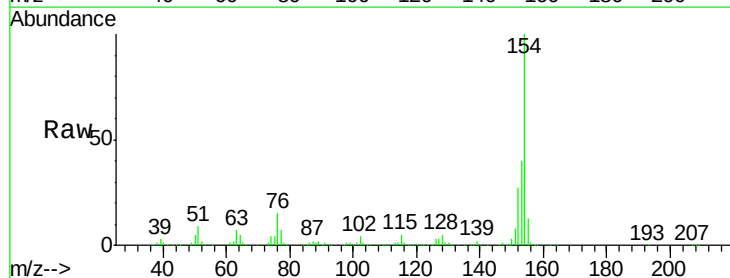
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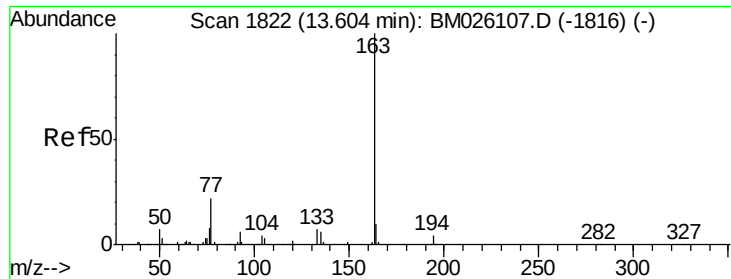
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#41
 1,1'-Biphenyl
 Concen: 10.06 ng/ul
 RT: 12.96 min Scan# 1712
 Delta R.T. 0.00 min
 Lab File: BM026112.D
 Acq: 26 May 2020 13:49

Tgt Ion:154 Resp: 316233
 Ion Ratio Lower Upper
 154 100
 153 39.8 32.3 48.5
 76 15.0 13.0 19.6





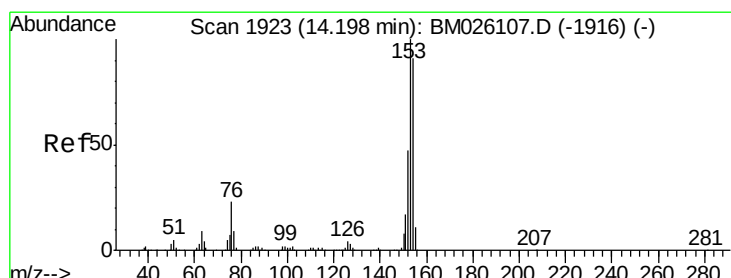
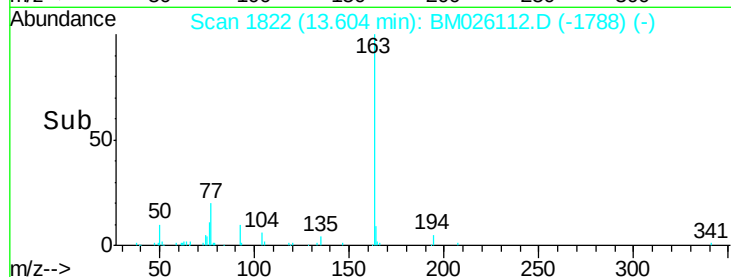
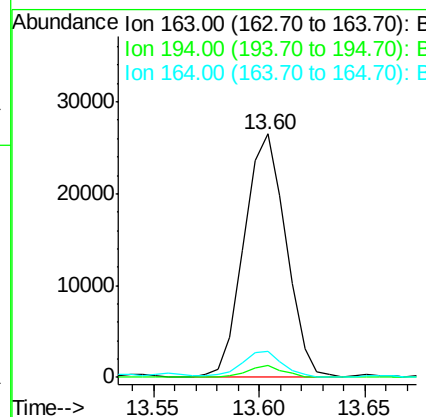
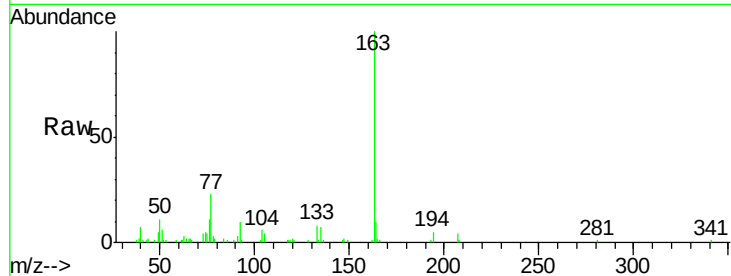
#45
Dimethylphthalate
Concen: 1.23 ng/ul
RT: 13.60 min Scan# 1822
Delta R.T. 0.00 min
Lab File: BM026112.D
Acq: 26 May 2020 13:49

Instrument :
BNA_M
ClientSampleId :
F9B25DL

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	36590		
194	4.7	3.2	4.8	
164	10.4	8.0	12.0	

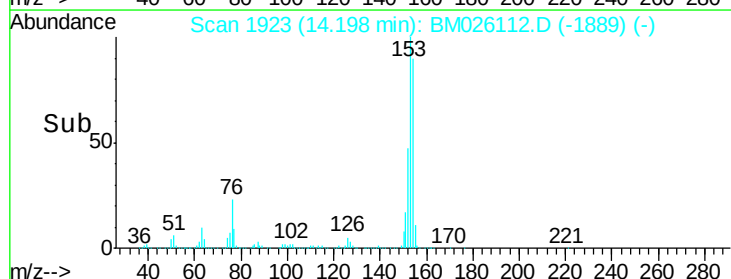
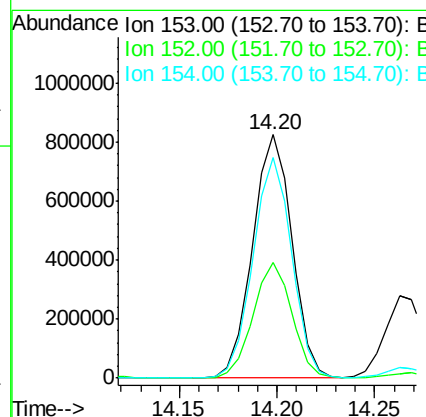
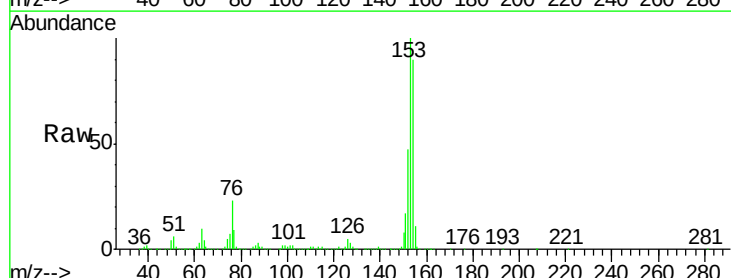
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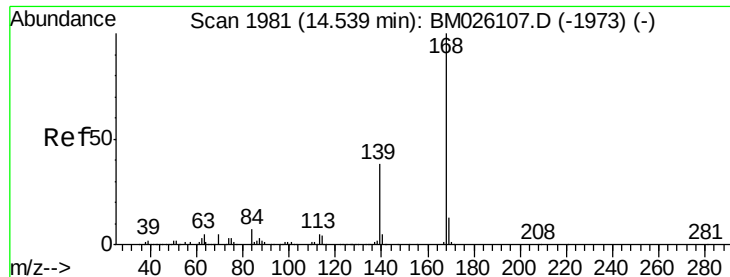
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#50
Acenaphthene
Concen: 44.37 ng/ul
RT: 14.20 min Scan# 1923
Delta R.T. 0.00 min
Lab File: BM026112.D
Acq: 26 May 2020 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
153	100	1156500		
152	47.3	37.2	55.8	
154	90.3	69.8	104.8	





#54

Dibenzofuran

Concen: 21.98 ng/ul

RT: 14.53 min Scan# 1980

Delta R.T. -0.01 min

Lab File: BM026112.D

Acq: 26 May 2020 13:49

Instrument :

BNA_M

ClientSampleId :

F9B25DL

Tgt Ion:168 Resp: 804999

Ion Ratio Lower Upper

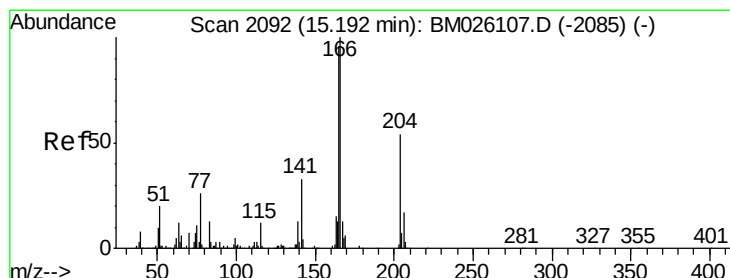
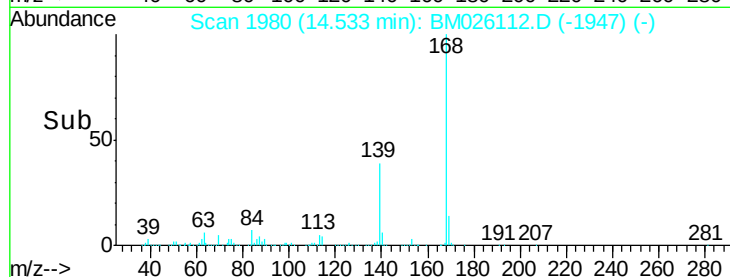
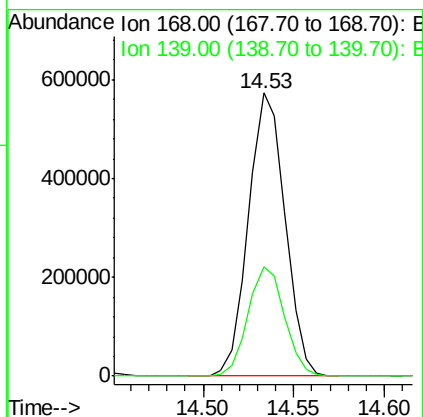
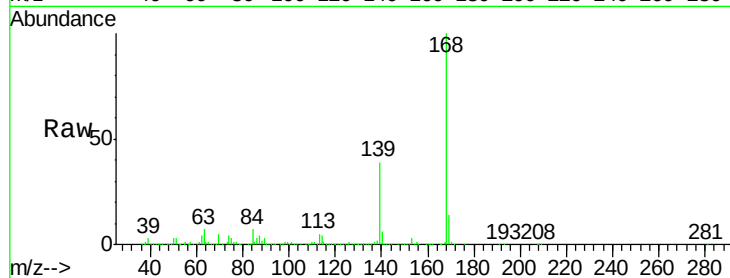
168 100

139 38.6 30.7 46.1

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#59

Fluorene

Concen: 18.52 ng/ul

RT: 15.19 min Scan# 2091

Delta R.T. -0.01 min

Lab File: BM026112.D

Acq: 26 May 2020 13:49

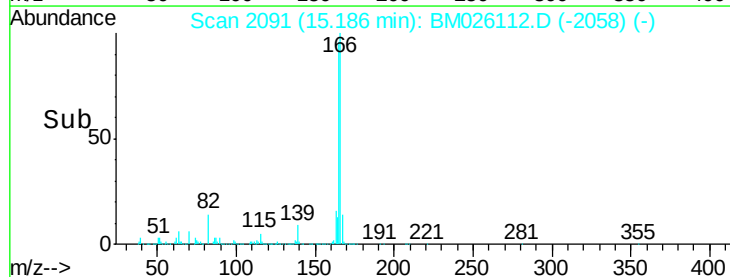
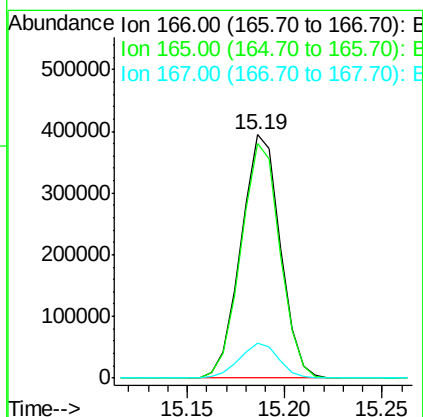
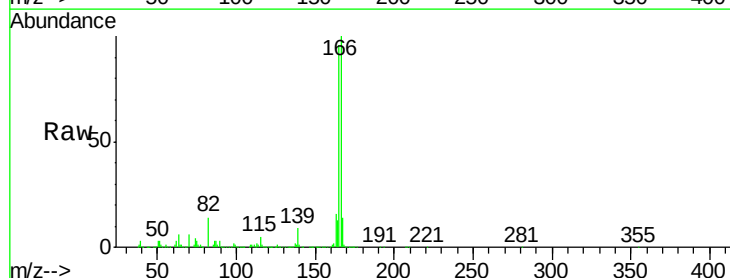
Tgt Ion:166 Resp: 548834

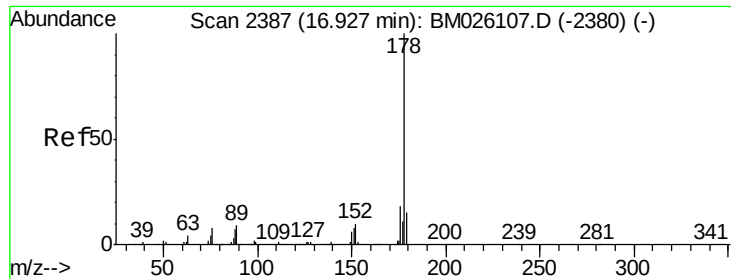
Ion Ratio Lower Upper

166 100

165 96.3 77.3 115.9

167 14.4 10.6 16.0





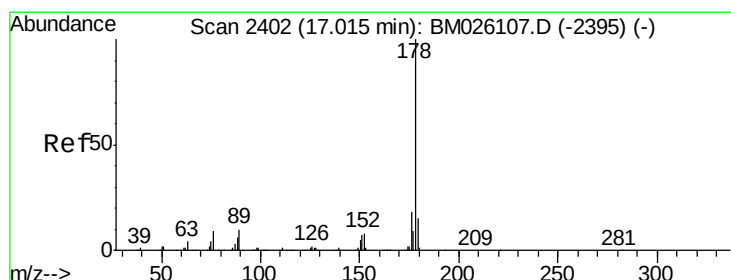
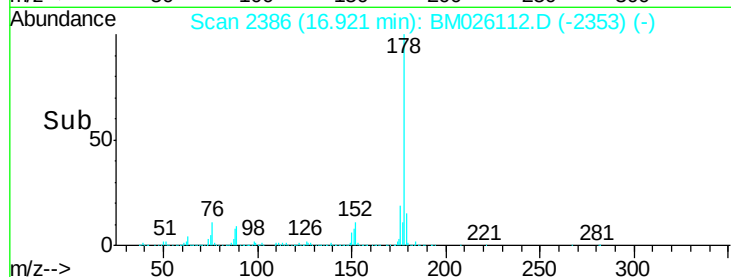
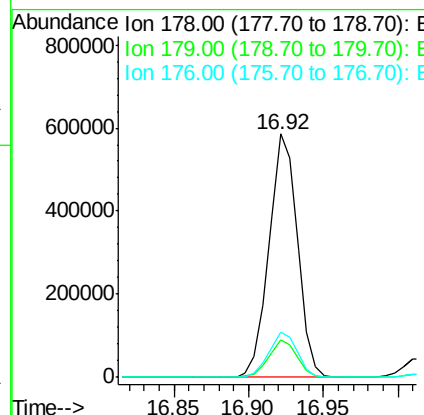
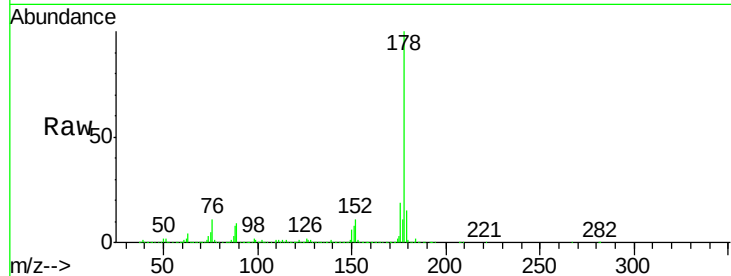
#70
Phenanthrene
Concen: 16.08 ng/ul
RT: 16.92 min Scan# 2386
Delta R.T. -0.01 min
Lab File: BM026112.D
Acq: 26 May 2020 13:49

Instrument :
BNA_M
ClientSampleId :
F9B25DL

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	770362		
179	15.5		11.9	17.9
176	18.7		14.9	22.3

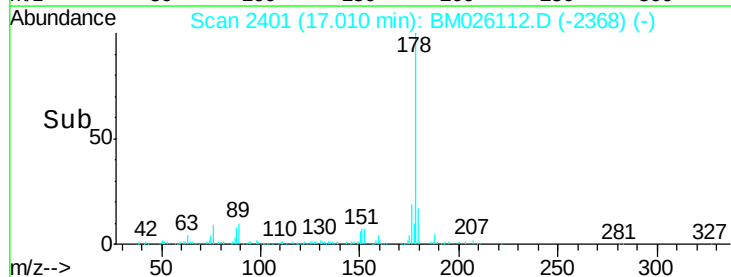
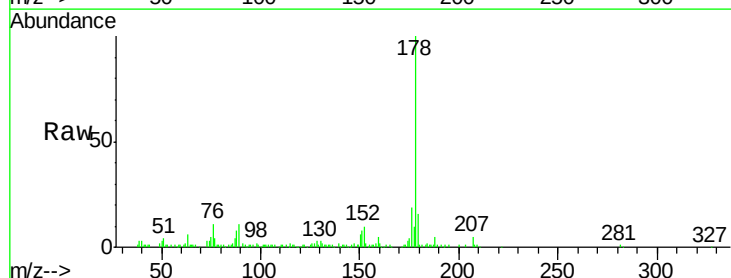
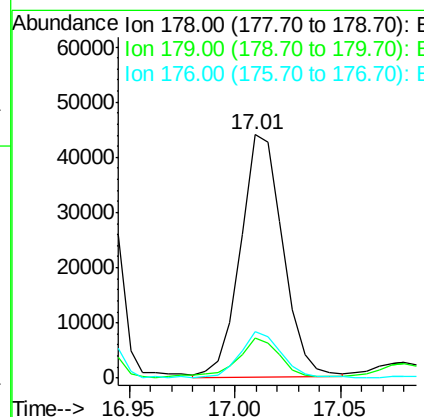
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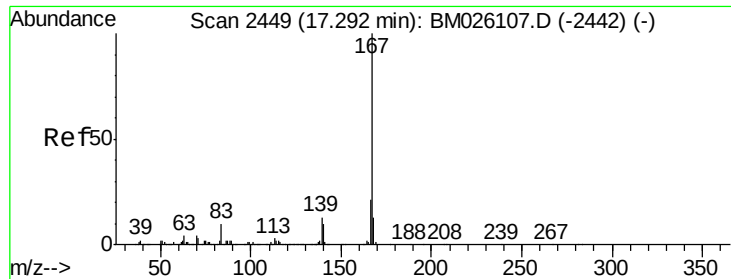
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#72
Anthracene
Concen: 1.27 ng/ul
RT: 17.01 min Scan# 2401
Delta R.T. -0.01 min
Lab File: BM026112.D
Acq: 26 May 2020 13:49

Tgt Ion	Ratio	Resp	Lower	Upper
178	100	61170		
179	16.5		12.2	18.4
176	19.0		14.9	22.3





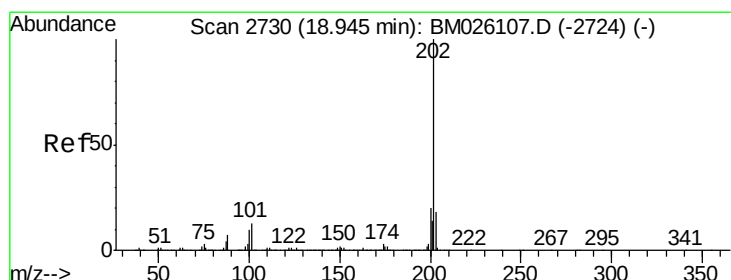
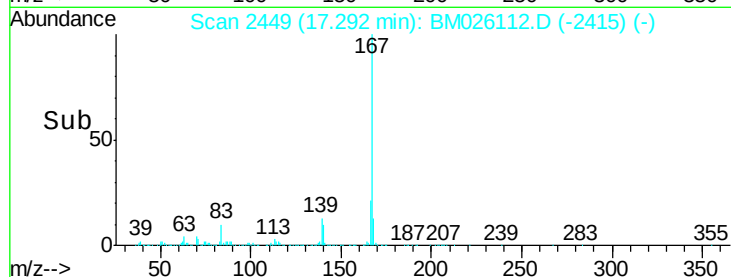
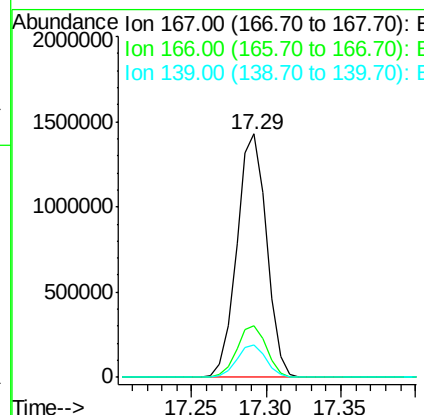
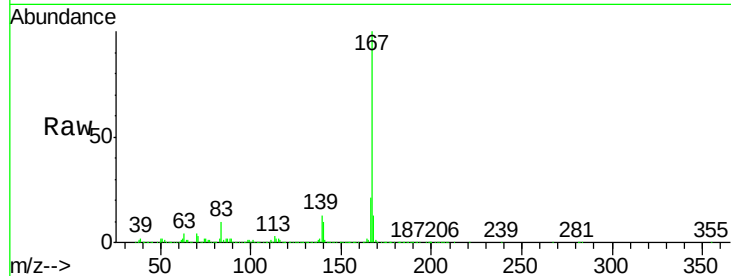
#75
 Carbazole
 Concen: 49.87 ng/ul
 RT: 17.29 min Scan# 2449
 Delta R.T. 0.00 min
 Lab File: BM026112.D
 Acq: 26 May 2020 13:49

Instrument :
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 F9B25DL

Tgt Ion	Ratio	Lower	Upper
167	100		
166	21.0	16.6	25.0
139	13.1	10.8	16.2

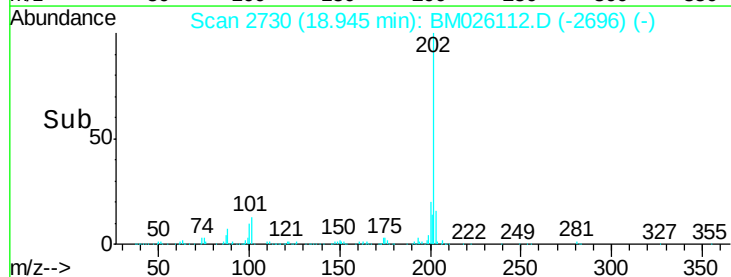
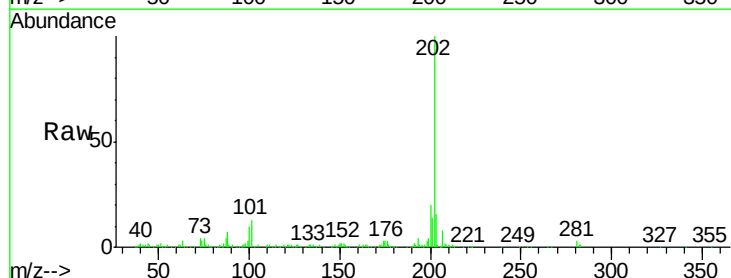
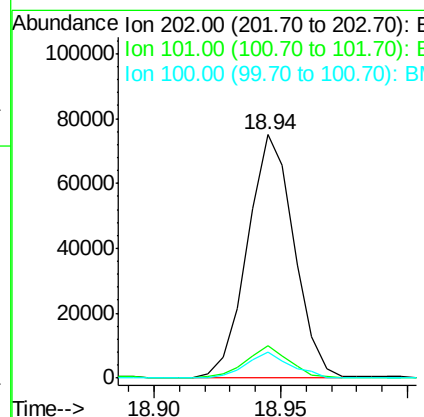
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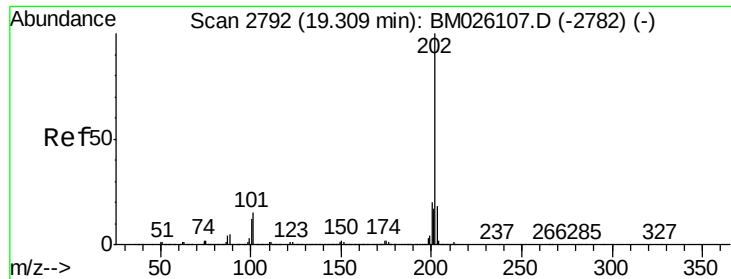
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#77
 Fluoranthene
 Concen: 1.92 ng/ul
 RT: 18.94 min Scan# 2730
 Delta R.T. 0.00 min
 Lab File: BM026112.D
 Acq: 26 May 2020 13:49

Tgt Ion	Ratio	Lower	Upper
202	100		
101	13.4	9.5	14.3
100	10.5	7.6	11.4





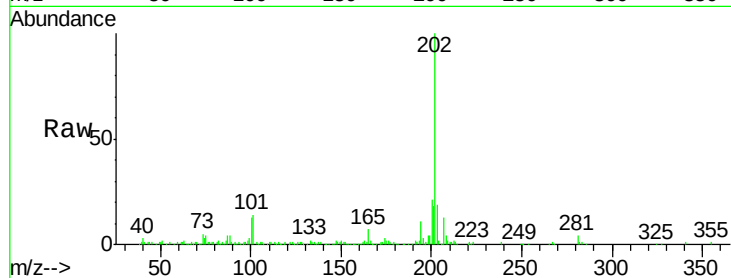
#80
 Pyrene
 Concen: 1.58 ng/ul
 RT: 19.31 min Scan# 2792
 Delta R.T. 0.00 min
 Lab File: BM026112.D
 Acq: 26 May 2020 13:49

Instrument :
 BNA_M
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 F9B25DL

Tgt Ion:	202	Resp:	89754
Ion Ratio	Lower	Upper	
202	100		
101	14.0	12.2	18.4
100	13.3	10.2	15.4

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Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 100.00 (99.70 to 100.70): B

