

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
 Data File : BM021008.D
 Acq On : 18 Jun 2019 11:51
 Operator : HP/JU
 Sample : K3332-18
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A41S6

Manual Integrations
 APPROVED

mohammad
 6/20/2019 8:33:36 AM

Quant Time: Jun 18 13:05:30 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jun 18 05:54:28 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.79	152	246195	20.00	ng/ul	0.00
18) Naphthalene-d8	10.58	136	1112616	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.43	164	726337	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.17	188	1711893	20.00	ng/ul	0.00
77) Chrysene-d12	21.36	240	1422149	20.00	ng/ul	0.00
85) Perylene-d12	23.64	264	1489360	20.00	ng/ul	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.30	96	18644	3.60	ng/uL	0.00
5) Phenol-d5	6.96	99	474830	22.16	ng/ul	0.00
7) Bis-(2-Chloroethyl)ether-d	7.13	67	276521	21.66	ng/ul	0.00
9) 2-Chlorophenol-d4	7.32	132	379027	21.77	ng/ul	0.00
13) 4-Methylphenol-d8	8.49	113	405248	22.65	ng/ul	0.00
19) Nitrobenzene-d5	8.95	128	199809	22.12	ng/ul	0.00
22) 2-Nitrophenol-d4	9.67	143	223888	22.32	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.20	165	510509	25.03	ng/ul	0.00
29) 4-Chloroaniline-d4	10.72	131	558266	26.25	ng/ul	0.00
43) Dimethylphthalate-d6	13.84	166	1881639	28.67	ng/ul	0.00
46) Acenaphthylene-d8	14.12	160	1971628	24.54	ng/ul	0.00
51) 4-Nitrophenol-d4	14.63	143	304233	28.50	ng/ul	0.00
57) Fluorene-d10	15.42	176	1558386	27.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	15.55	200	247067	23.48	ng/ul	0.00
70) Anthracene-d10	17.27	188	2750218	30.91	ng/ul	0.00
78) Pyrene-d10	19.57	212	2946514	34.53	ng/ul	0.00
89) Benzo(a)pyrene-d12	23.49	264	2936816	33.42	ng/ul	0.00
Target Compounds						
6) Phenol	6.98	94	690140	34.049	ng/ul	99
20) Nitrobenzene	8.99	77	589487	29.044	ng/ul	98
21) Isophorone	9.52	82	1564542	40.933	ng/ul	99
27) 2,4-Dichlorophenol	10.23	162	1046286	56.360	ng/ul	97
28) Naphthalene	10.63	128	2481269	43.437	ng/ul	100
32) Caprolactam	11.53	113	86474m	16.569	ng/ul	
38) 2,4,6-Trichlorophenol	12.86	196	840496	52.160	ng/ul	97
41) 2-Chloronaphthalene	13.30	162	2196653	46.404	ng/ul	99
56) Diethylphthalate	15.26	149	3286461	57.017	ng/ul	98
64) N-Nitrosodiphenylamine	15.69	169	1759231	33.932	ng/ul	100
66) Hexachlorobenzene	16.47	284	832806	34.614	ng/ul	98
67) Atrazine	16.64	200	964617	51.283	ng/ul	98
69) Phenanthrene	17.22	178	3713989	39.228	ng/ul	99
74) Carbazole	17.59	167	5183650	65.191	ng/ul	100
80) Butylbenzylphthalate	20.50	149	1615839	43.417	ng/ul	98
84) Chrysene	21.40	228	4129141	45.473	ng/ul	99
86) Di-n-octyl phthalate	22.16	149	5553801	64.714	ng/ul	100
87) Benzo(b)fluoranthene	22.95	252	5344068	56.645	ng/ul	100
88) Benzo(k)fluoranthene	23.00	252	3825218	42.146	ng/ul	100
93) Benzo(g,h,i)perylene	26.66	276	4802845	55.770	ng/ul	98

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

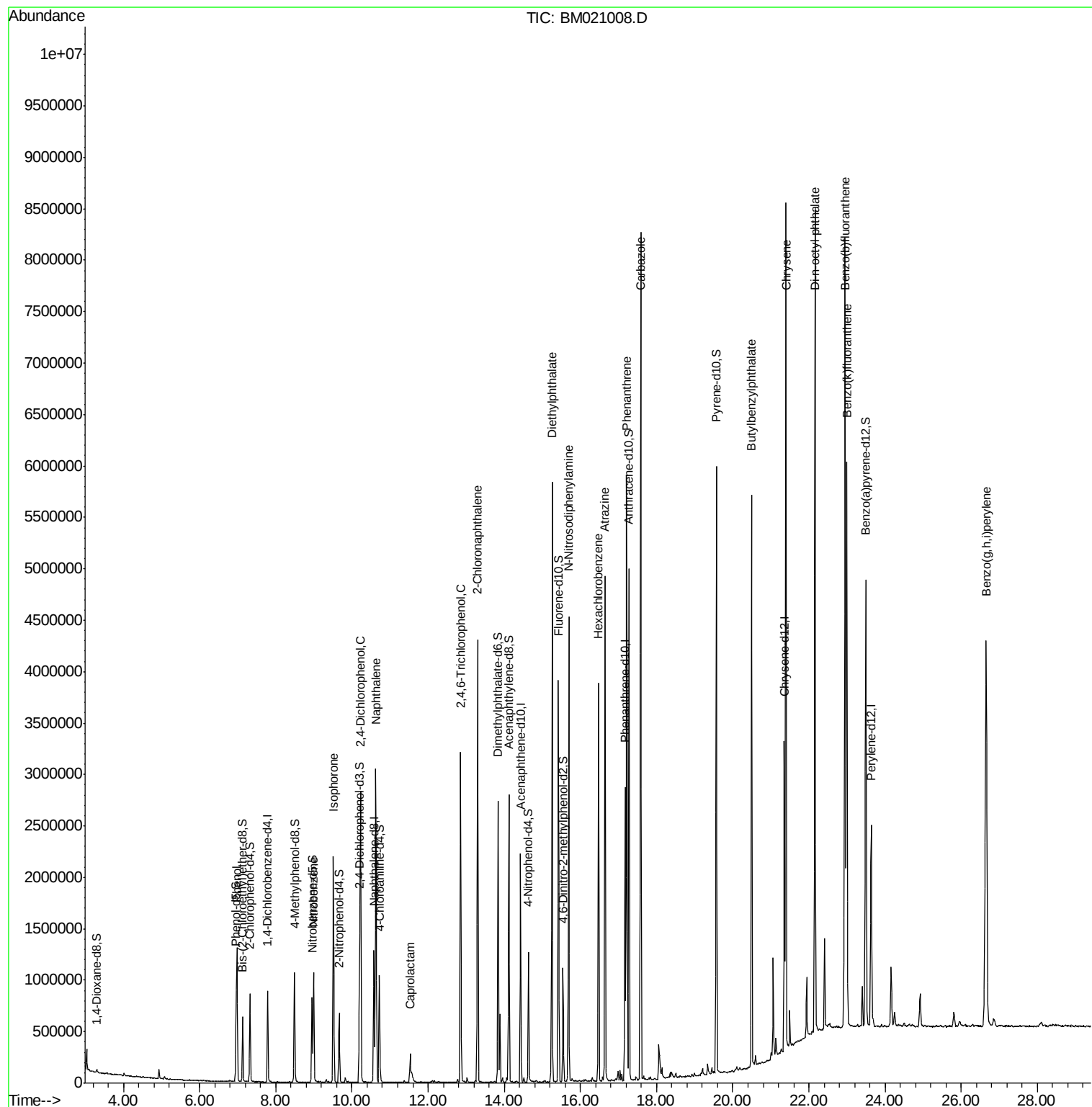
Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM061819\
Data File : BM021008.D
Acq On : 18 Jun 2019 11:51
Operator : HP/JU
Sample : K3332-18
Misc :
ALS Vial : 6 Sample Multiplier: 1

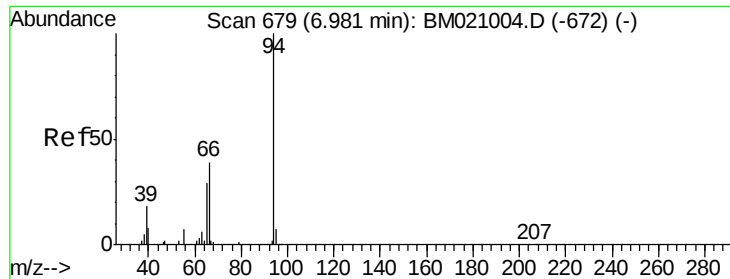
Instrument :
BNA_M
ClientSampleId :
A41S6

Quant Time: Jun 18 13:05:30 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SOM-EPA-BM061419MA.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Jun 18 05:54:28 2019
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#6

Phenol

Concen: 34.049 ng/ul

RT: 6.98 min Scan# 679

Delta R.T. -0.01 min

Lab File: BM021008.D

Acq: 18 Jun 2019 11:51

Instrument :

BNA_M

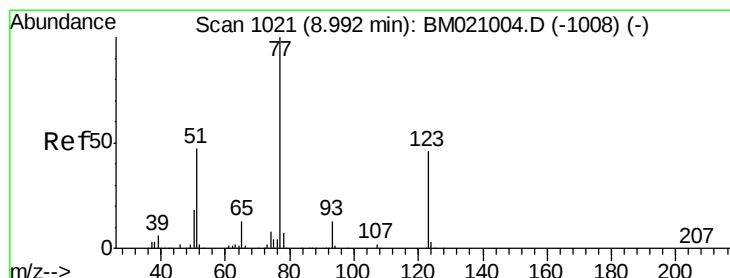
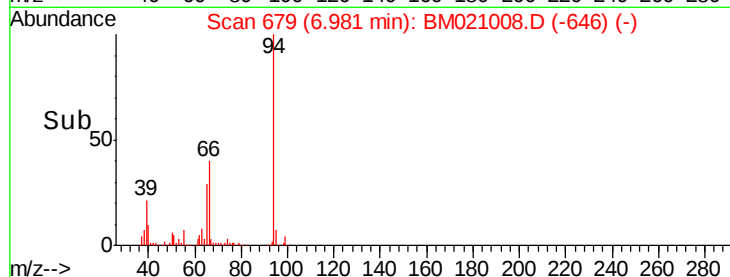
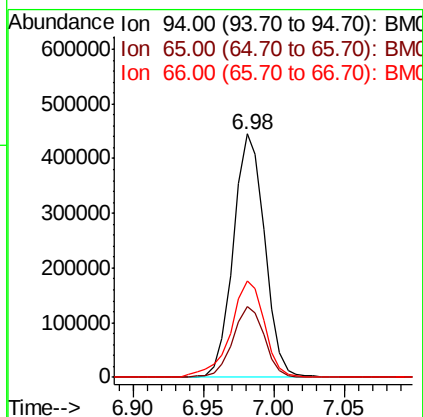
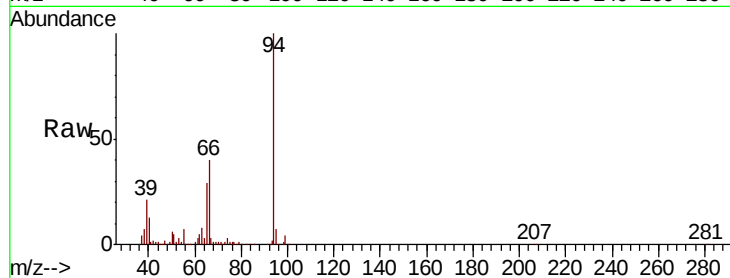
ClientSampleId :

A41S6

Tot Ion:	94	Resp:	690140
Ion	Ratio	Lower	Upper
94	100		
65	28.9	22.6	34.0
66	39.6	31.2	46.8

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#20

Nitrobenzene

Concen: 29.044 ng/ul

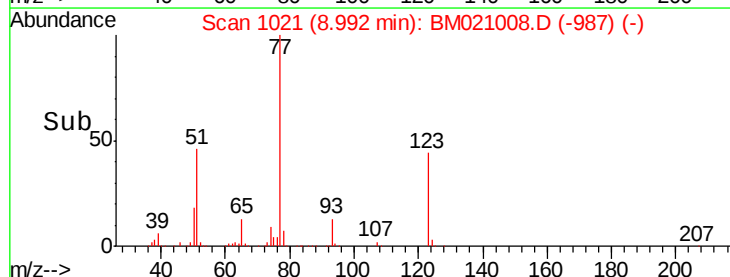
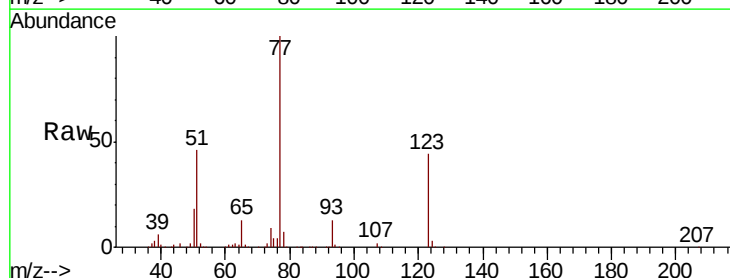
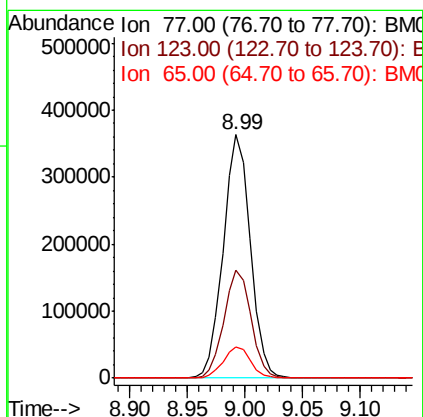
RT: 8.99 min Scan# 1021

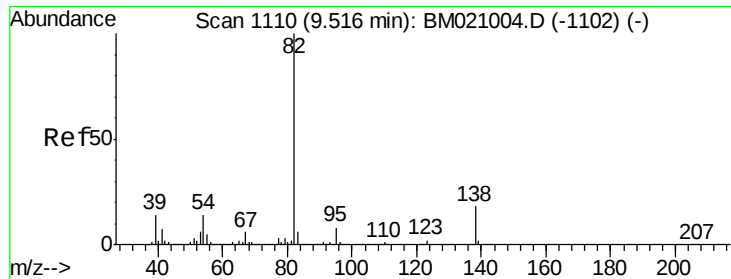
Delta R.T. -0.00 min

Lab File: BM021008.D

Acq: 18 Jun 2019 11:51

Tgt Ion:	77	Resp:	589487
Ion	Ratio	Lower	Upper
77	100		
123	44.4	36.7	55.1
65	13.0	10.6	16.0





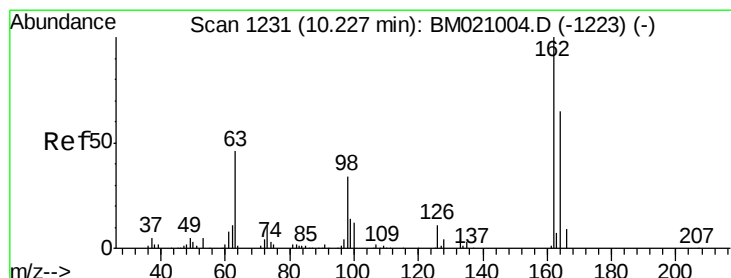
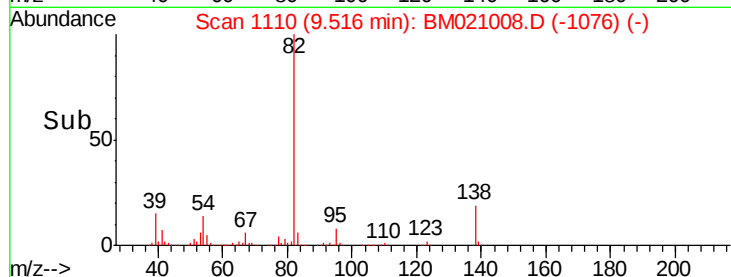
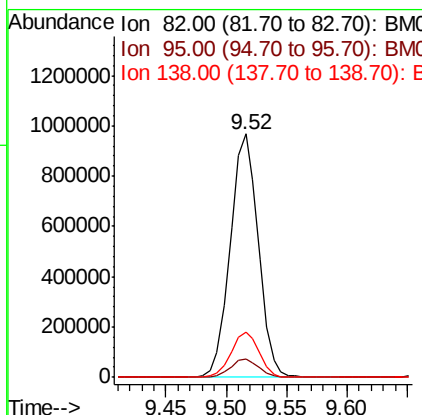
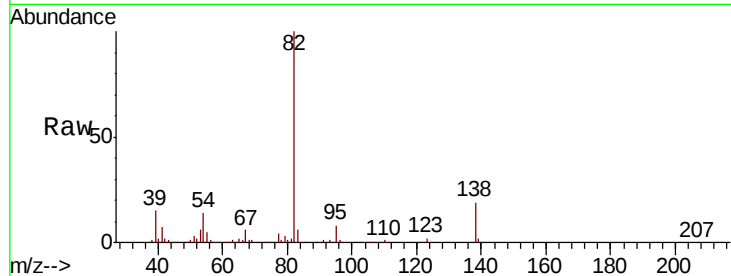
#21
Isophorone
Concen: 40.933 ng/ul
RT: 9.52 min Scan# 1110
Delta R.T. 0.00 min
Lab File: BM021008.D
Acq: 18 Jun 2019 11:51

Instrument :
BNA_M
ClientSampleId :
A41S6

Tot Ion	82	Resp	1564542
Ion Ratio	Lower	Upper	
82	100		
95	7.7	5.8	8.6
138	18.7	14.6	21.8

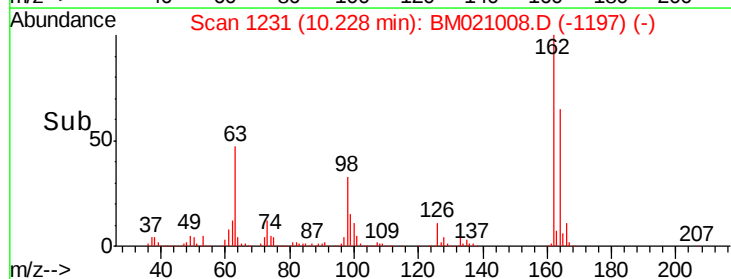
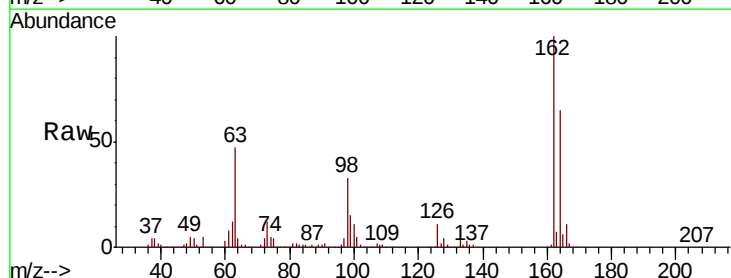
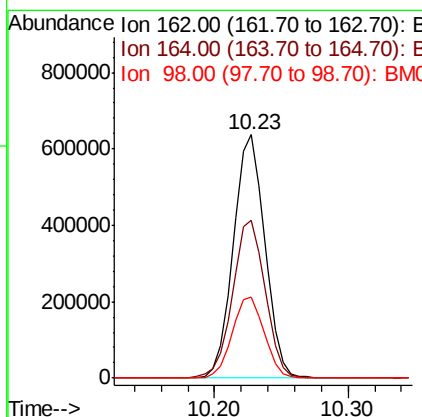
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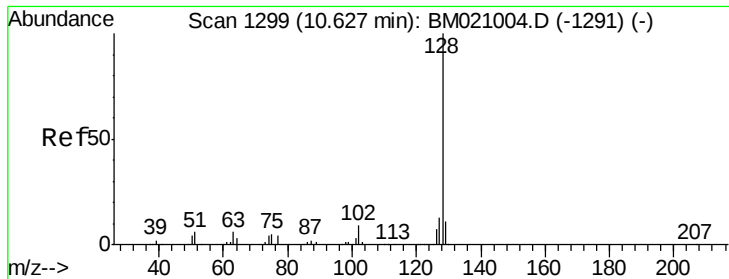
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#27
2,4-Dichlorophenol
Concen: 56.360 ng/ul
RT: 10.23 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BM021008.D
Acq: 18 Jun 2019 11:51

Tgt Ion	162	Resp	1046286
Ion Ratio	Lower	Upper	
162	100		
164	65.0	53.5	80.3
98	33.2	28.2	42.4





#28

Naphthalene

Concen: 43.437 ng/ul

RT: 10.63 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BM021008.D

Acq: 18 Jun 2019 11:51

Instrument :

BNA_M

ClientSampleId :

A41S6

Tot Ion:128 Resp: 2481269

Ion Ratio Lower Upper

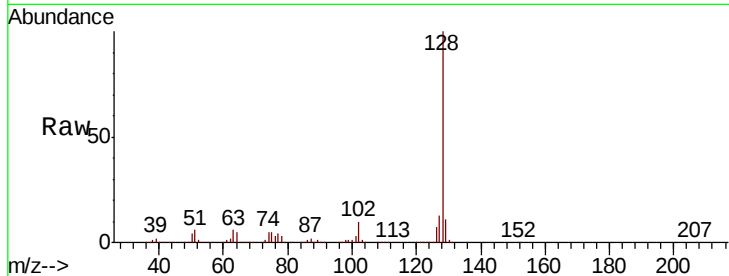
128 100

129 10.9 8.8 13.2

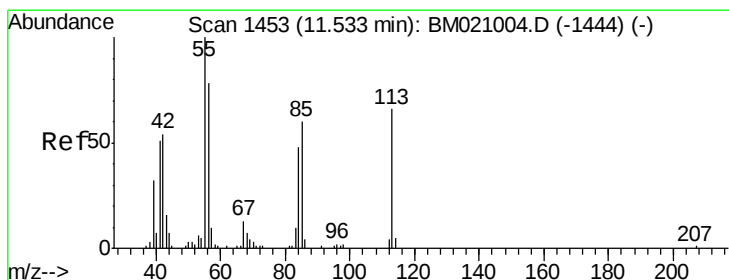
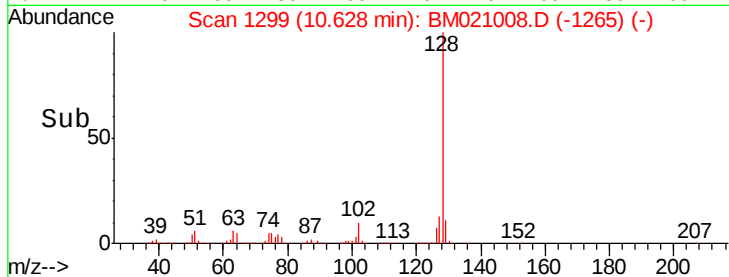
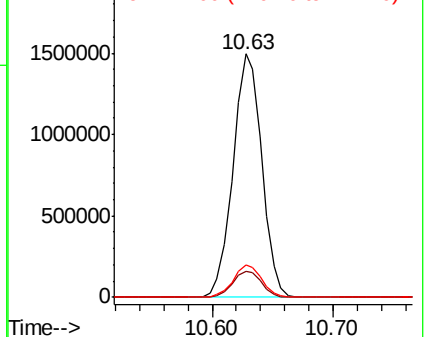
127 13.2 10.6 15.8

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Abundance Ion 128.00 (127.70 to 128.70): E
2000000 Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E



#32

Caprolactam

Concen: 16.569 ng/ul m

RT: 11.53 min Scan# 1452

Delta R.T. -0.01 min

Lab File: BM021008.D

Acq: 18 Jun 2019 11:51

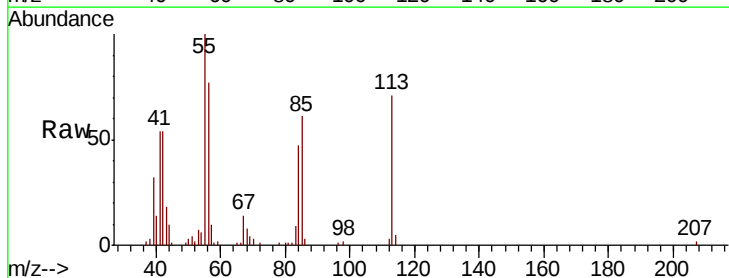
Tgt Ion:113 Resp: 86474

Ion Ratio Lower Upper

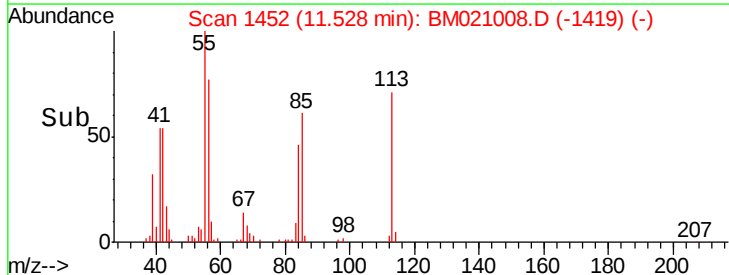
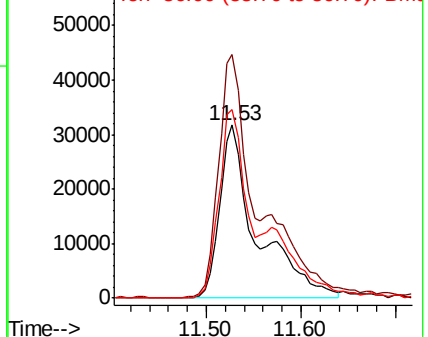
113 100

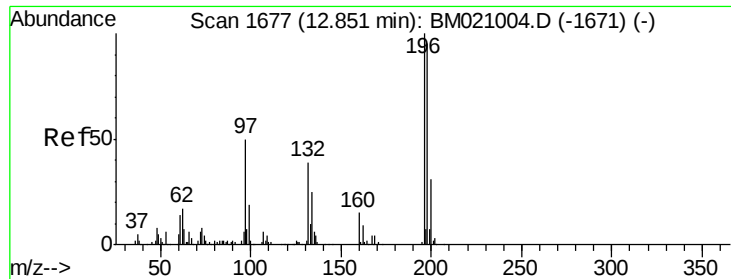
55 140.8 115.8 173.6

56 108.8 91.0 136.6



Abundance Ion 113.00 (112.70 to 113.70): E
60000 Ion 55.00 (54.70 to 55.70): BM
Ion 56.00 (55.70 to 56.70): BM





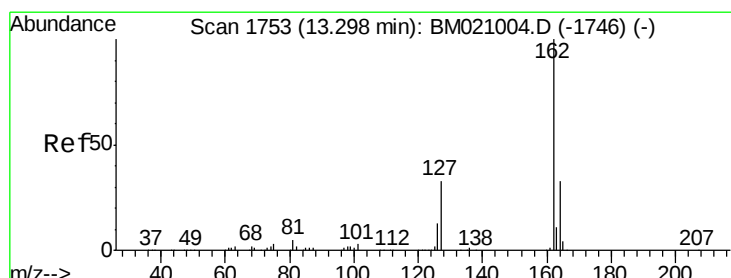
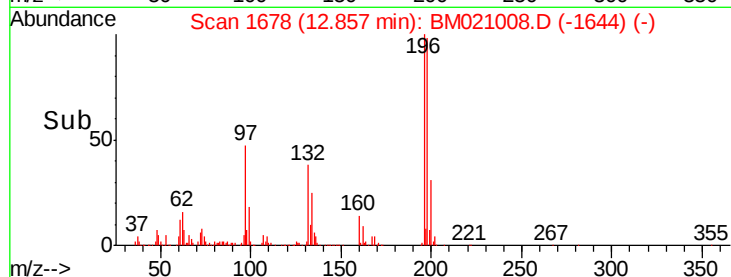
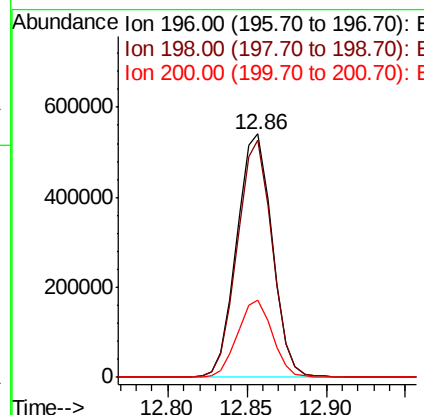
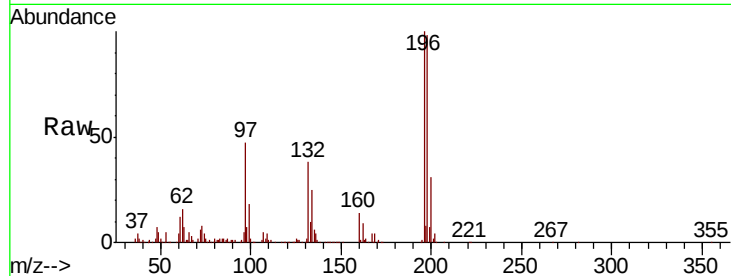
#38
 2,4,6-Trichlorophenol
 Concen: 52.160 ng/ul
 RT: 12.86 min Scan# 1678
 Delta R.T. 0.00 min
 Lab File: BM021008.D
 Acq: 18 Jun 2019 11:51

Instrument :
 BNA_M
 ClientSampleId :
 A41S6

Tot Ion	Ratio	Lower	Upper
196	100		
198	97.6	75.4	113.2
200	31.5	24.8	37.2

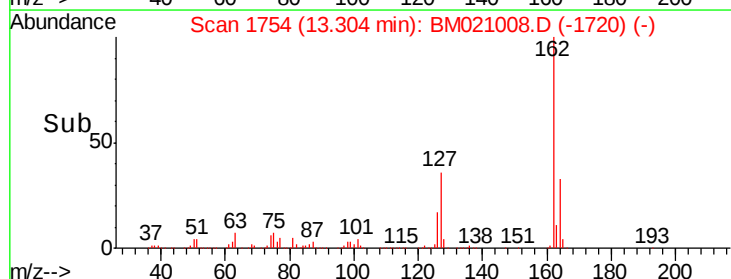
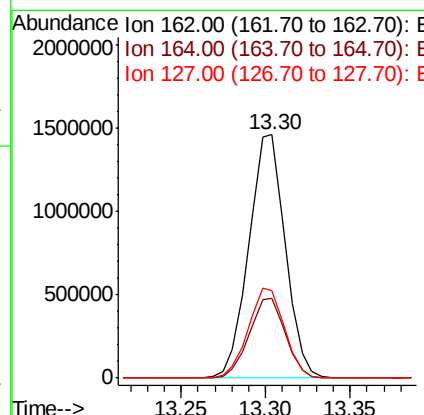
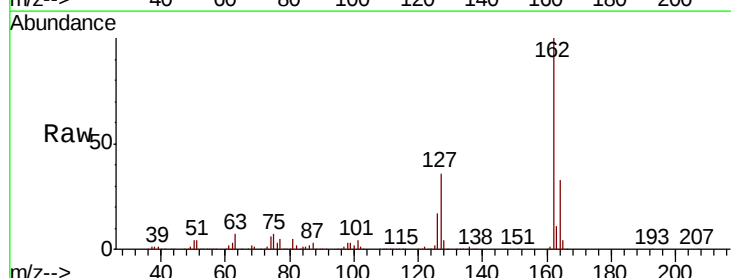
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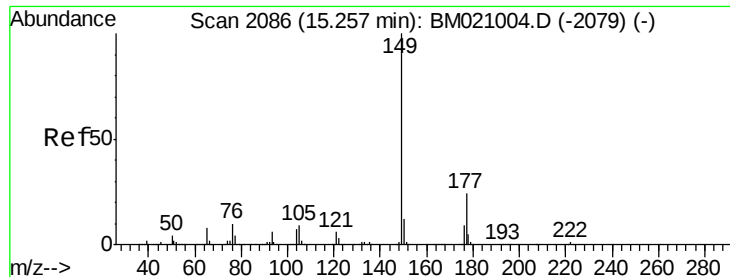
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#41
 2-Chloronaphthalene
 Concen: 46.404 ng/ul
 RT: 13.30 min Scan# 1754
 Delta R.T. -0.00 min
 Lab File: BM021008.D
 Acq: 18 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
162	100		
164	32.9	26.2	39.2
127	36.0	29.2	43.8





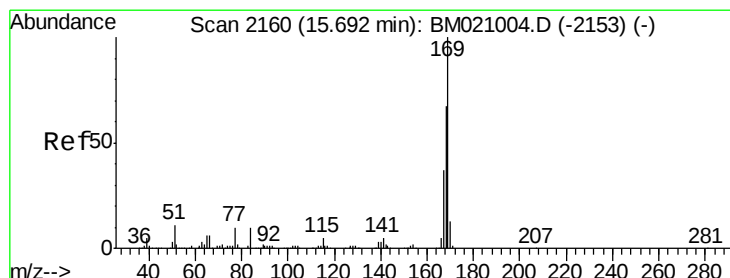
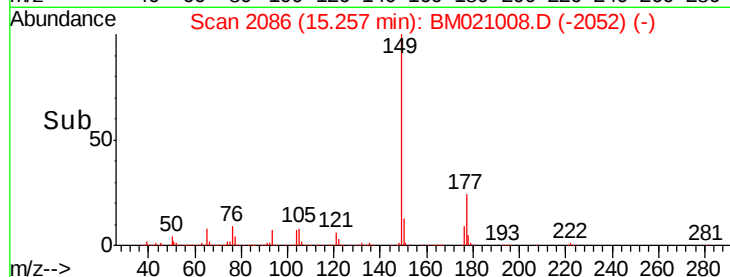
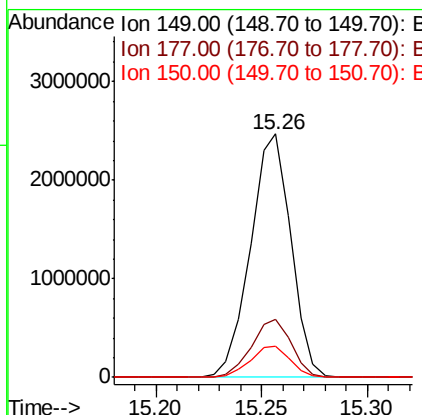
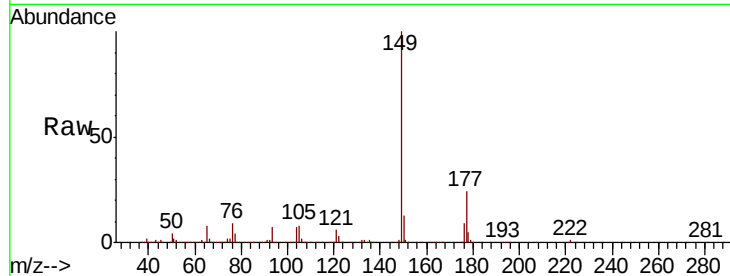
#56
Diethylphthalate
Concen: 57.017 ng/ul
RT: 15.26 min Scan# 2086
Delta R.T. 0.00 min
Lab File: BM021008.D
Acq: 18 Jun 2019 11:51

Instrument :
BNA_M
ClientSampleId :
A41S6

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	18.2	27.4
150	12.6	9.9	14.9

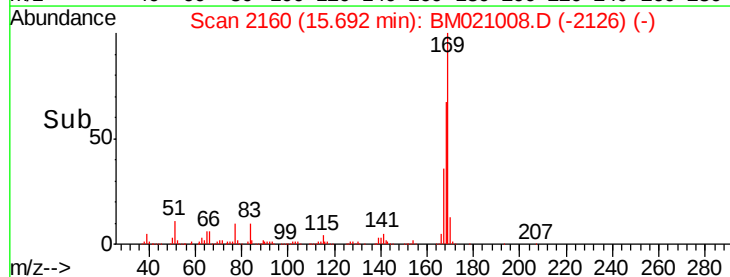
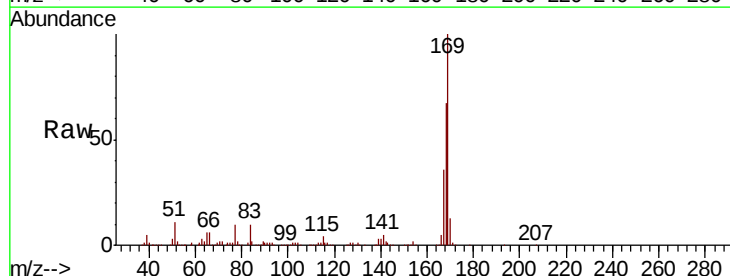
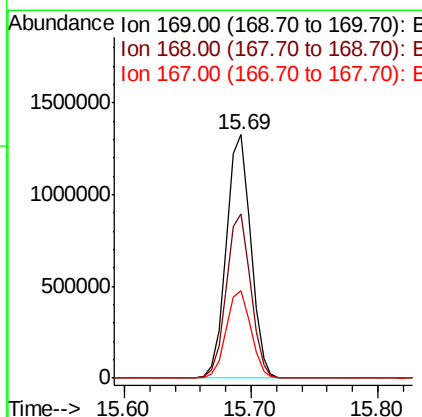
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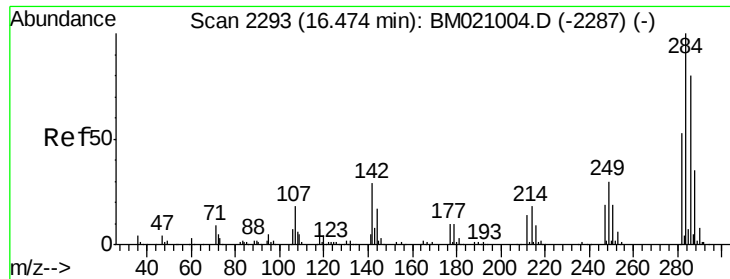
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#64
N-Nitrosodiphenylamine
Concen: 33.932 ng/ul
RT: 15.69 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BM021008.D
Acq: 18 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.3	53.6	80.4
167	36.1	29.0	43.6





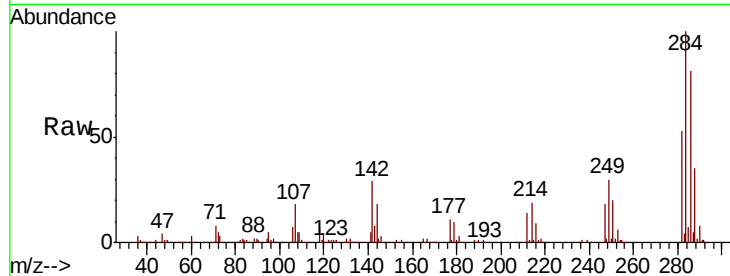
#66
Hexachlorobenzene
Concen: 34.614 ng/ul
RT: 16.47 min Scan# 2293
Delta R.T. -0.00 min
Lab File: BM021008.D
Acq: 18 Jun 2019 11:51

Instrument :
BNA_M
ClientSampleId :
A41S6

Tot Ion	Ratio	Resp	Lower	Upper
284	100	832806		
142	29.1		22.7	34.1
249	30.2		23.4	35.0

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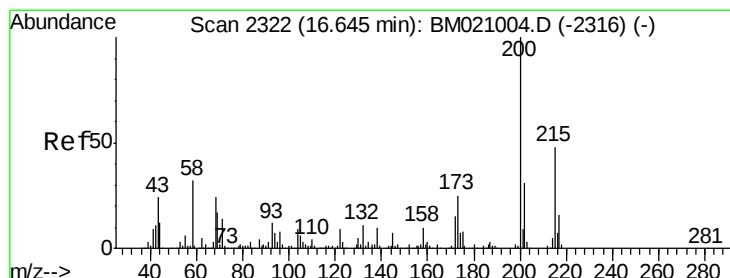
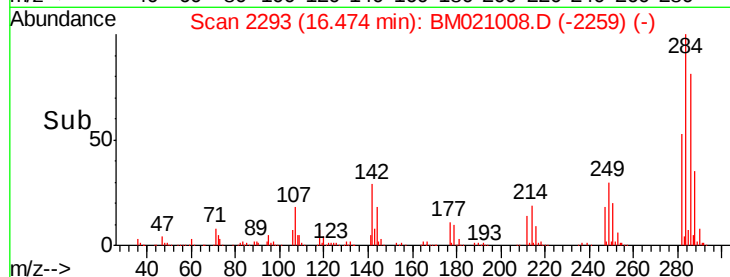
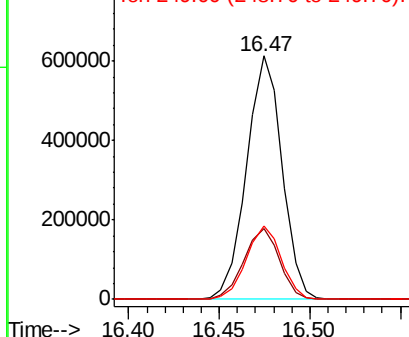


Abundance

Ion 284.00 (283.70 to 284.70): E

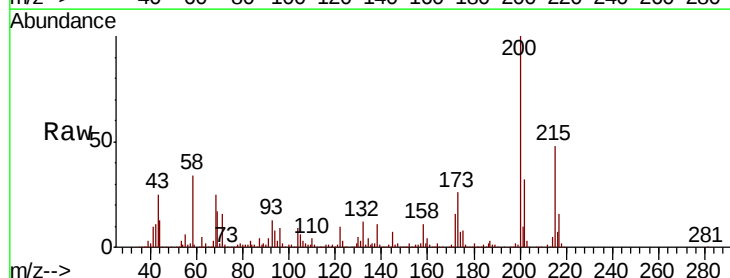
Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#67
Atrazine
Concen: 51.283 ng/ul
RT: 16.64 min Scan# 2322
Delta R.T. 0.00 min
Lab File: BM021008.D
Acq: 18 Jun 2019 11:51

Tgt Ion	Ratio	Resp	Lower	Upper
200	100	964617		
173	26.4		20.6	31.0
215	48.4		40.1	60.1

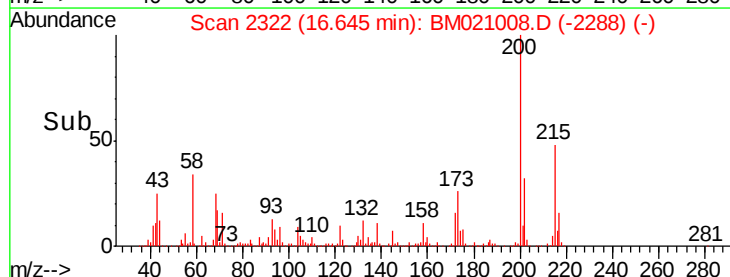
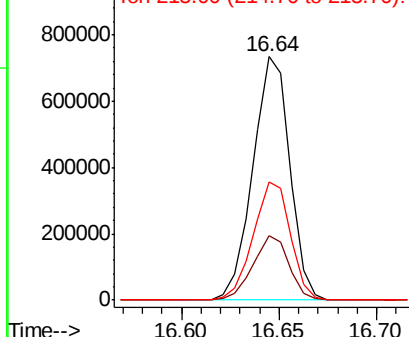


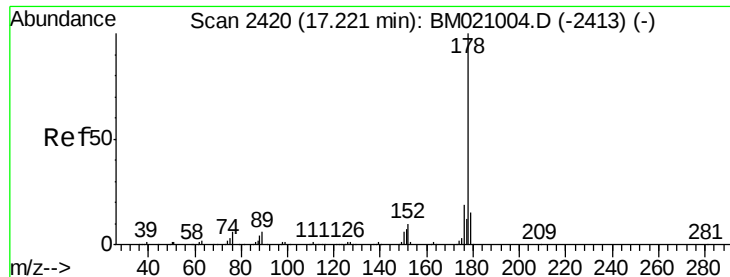
Abundance

Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





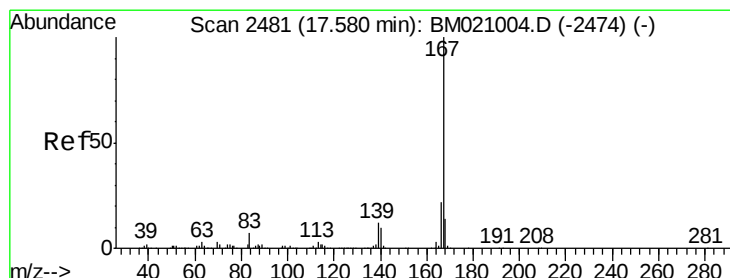
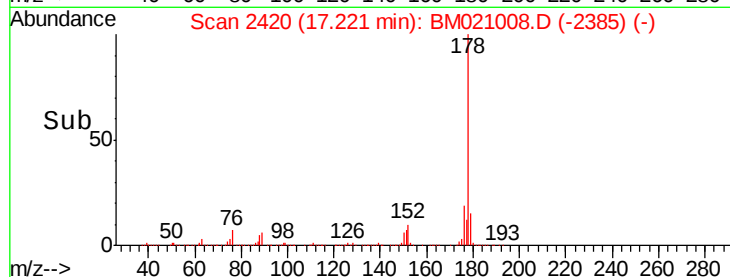
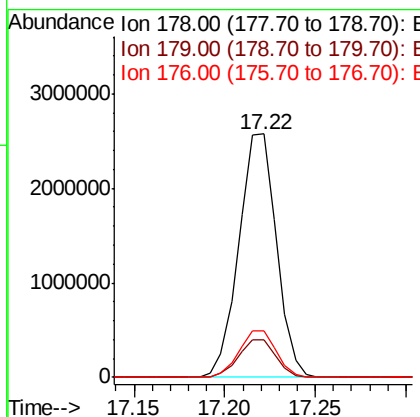
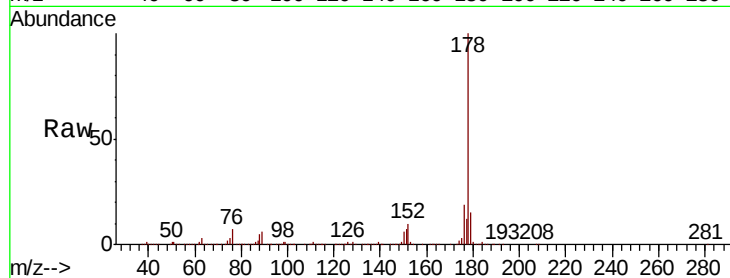
#69
Phenanthrene
Concen: 39.228 ng/ul
RT: 17.22 min Scan# 2420
Delta R.T. 0.01 min
Lab File: BM021008.D
Acq: 18 Jun 2019 11:51

Instrument :
BNA_M
ClientSampleId :
A41S6

Tot Ion	Ratio	Lower	Upper
178	100		
179	15.5	11.8	17.8
176	19.0	15.0	22.6

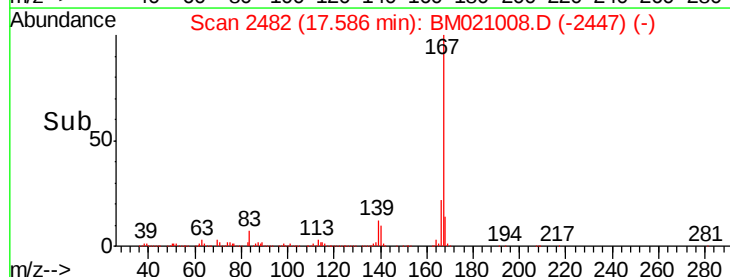
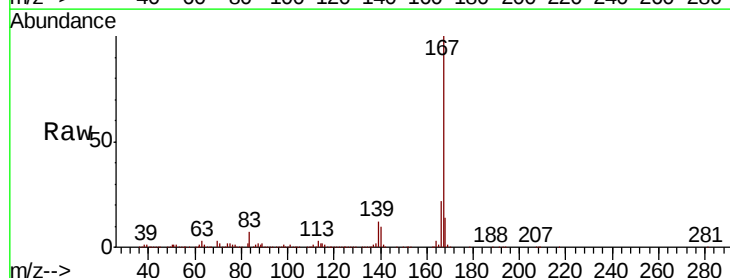
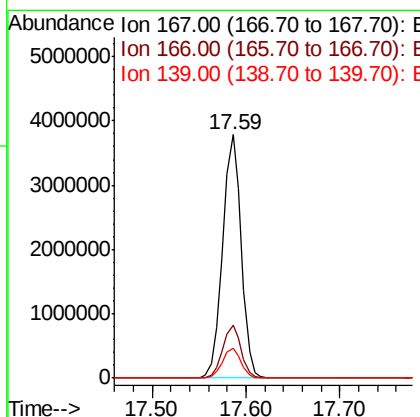
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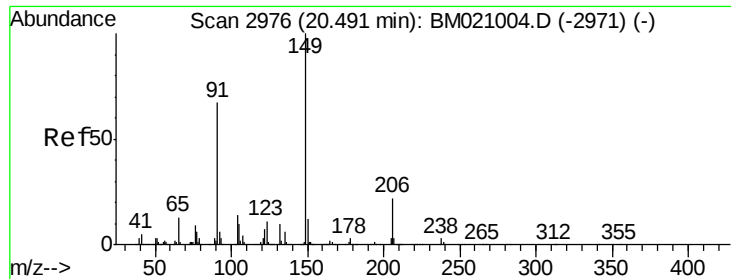
mohammad
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#74
Carbazole
Concen: 65.191 ng/ul
RT: 17.59 min Scan# 2482
Delta R.T. 0.01 min
Lab File: BM021008.D
Acq: 18 Jun 2019 11:51

Tgt Ion	Ratio	Lower	Upper
167	100		
166	22.0	17.4	26.2
139	12.4	9.8	14.6





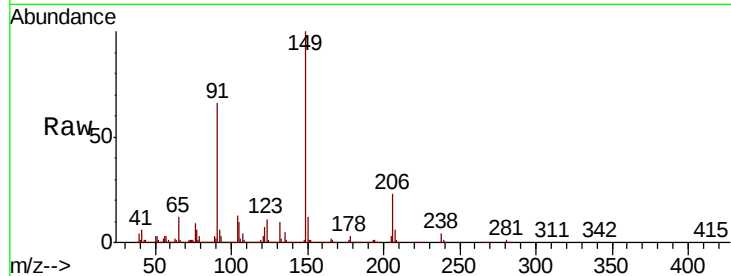
#80
Butylbenzylphthalate
Concen: 43.417 ng/ul
RT: 20.50 min Scan# 2977
Delta R.T. 0.01 min
Lab File: BM021008.D
Acq: 18 Jun 2019 11:51

Instrument :
BNA_M
ClientSampleId :
A41S6

Tot Ion	Ratio	Lower	Upper
149	100		
91	65.6	53.4	80.2
206	23.5	17.4	26.2

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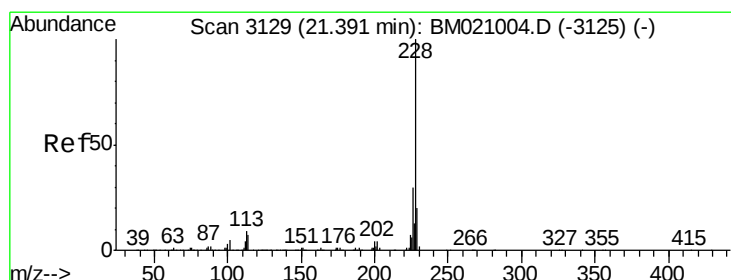
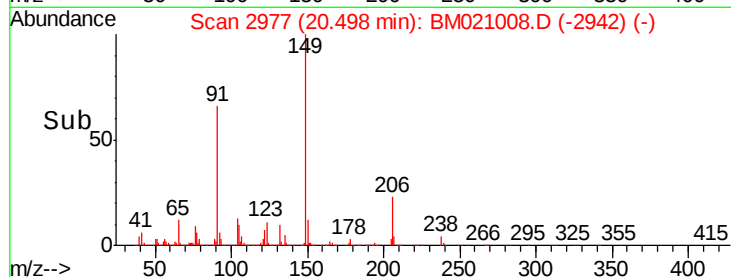
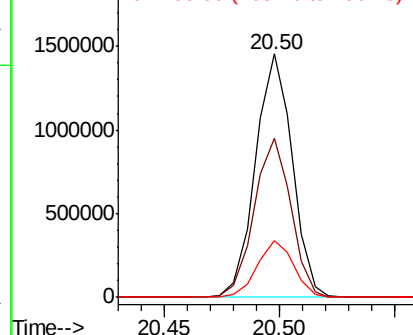


Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BM

Ion 206.00 (205.70 to 206.70): E



#84
Chrysene
Concen: 45.473 ng/ul
RT: 21.40 min Scan# 3130
Delta R.T. 0.01 min
Lab File: BM021008.D
Acq: 18 Jun 2019 11:51

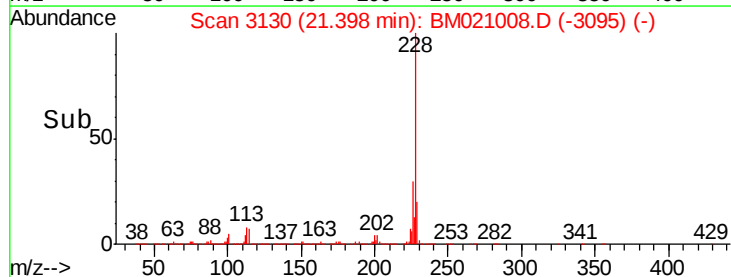
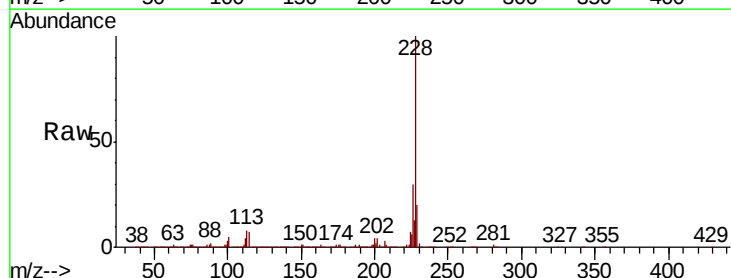
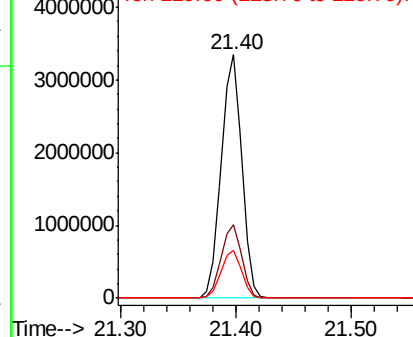
Tgt Ion	Ratio	Lower	Upper
228	100		
226	30.3	23.9	35.9
229	19.7	15.4	23.2

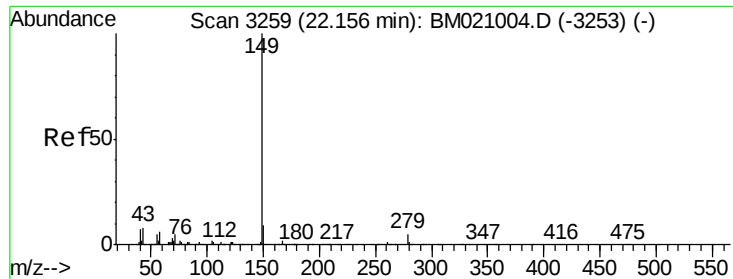
Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E





#86

Di-n-octyl phthalate

Concen: 64.714 ng/ul

RT: 22.16 min Scan# 3260

Delta R.T. 0.01 min

Lab File: BM021008.D

Acq: 18 Jun 2019 11:51

Instrument :

BNA_M

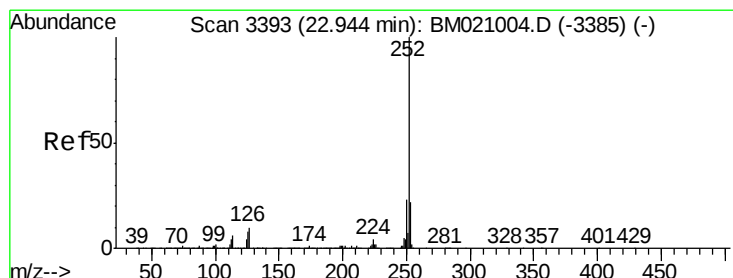
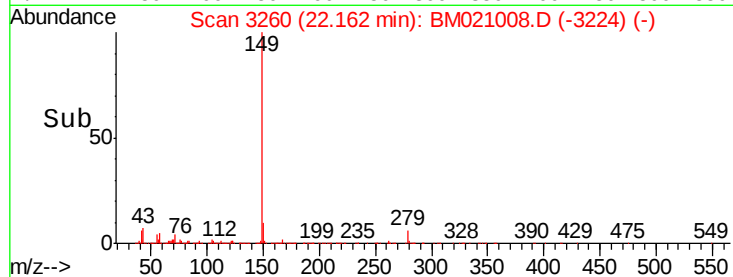
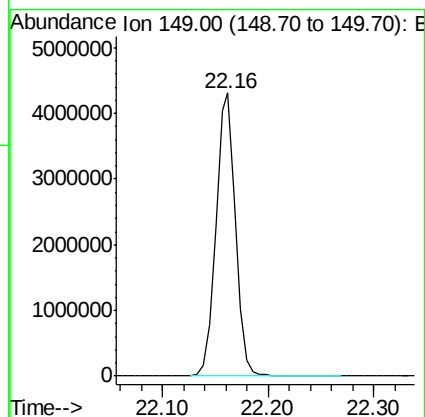
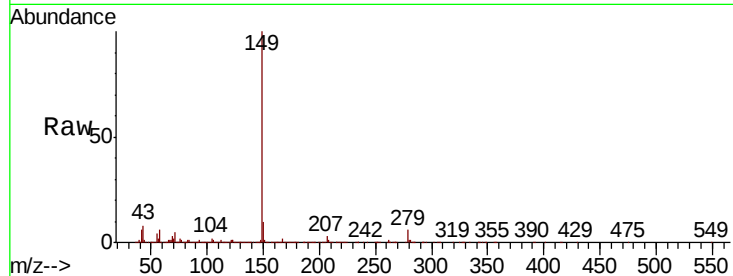
ClientSampleId :

A41S6

Tgt Ion:149 Resp: 5553801

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#87

Benzo(b)fluoranthene

Concen: 56.645 ng/ul

RT: 22.95 min Scan# 3394

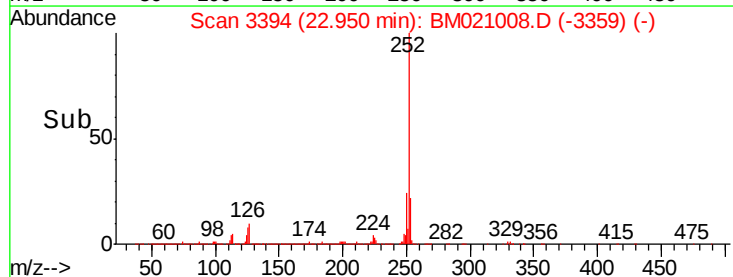
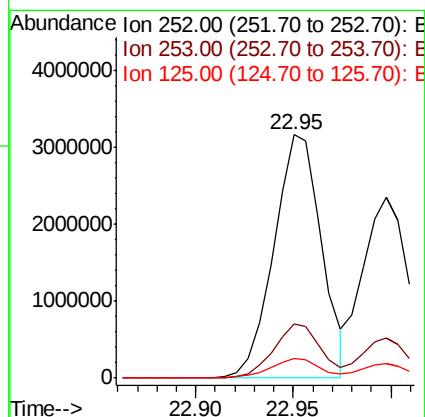
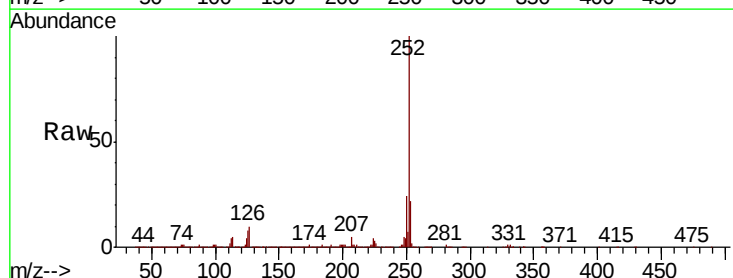
Delta R.T. 0.01 min

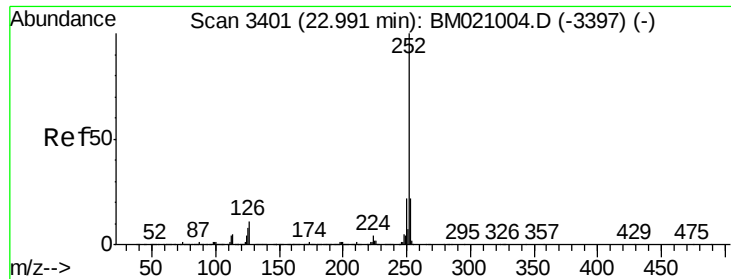
Lab File: BM021008.D

Acq: 18 Jun 2019 11:51

Tgt Ion:252 Resp: 5344068

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.5	26.3
125	8.1	6.3	9.5





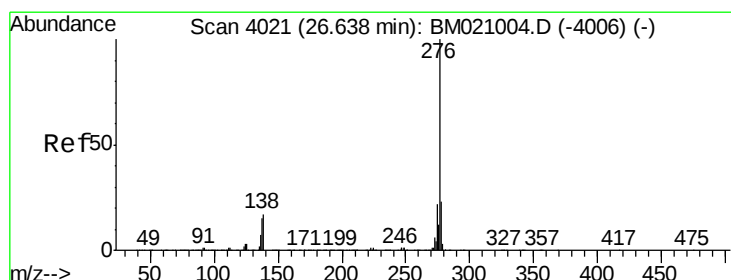
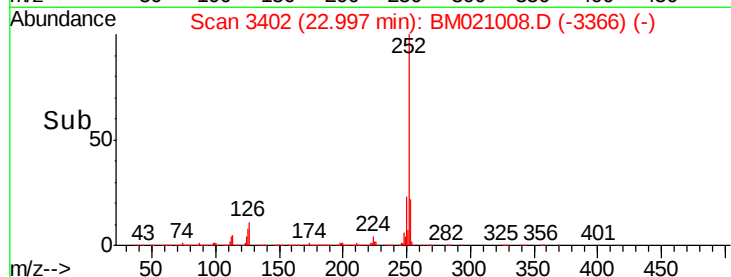
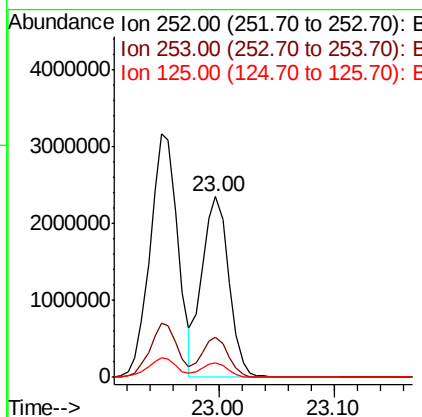
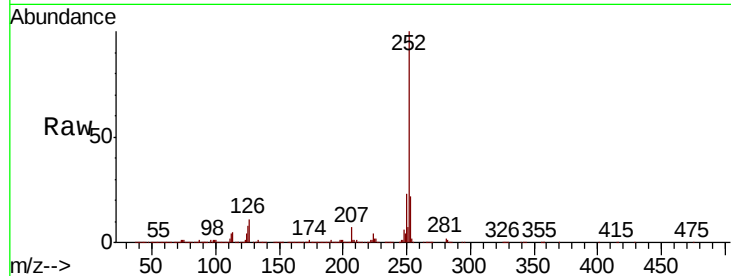
#88
Benzo(k)fluoranthene
Concen: 42.146 ng/ul
RT: 23.00 min Scan# 3402
Delta R.T. 0.01 min
Lab File: BM021008.D
Acq: 18 Jun 2019 11:51

Instrument :
BNA_M
ClientSampleId :
A41S6

Tot Ion:252 Resp: 3825218
Ion Ratio Lower Upper
252 100
253 22.1 17.5 26.3
125 8.0 6.6 9.8

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#93
Benzo(g,h,i)perylene
Concen: 55.770 ng/ul
RT: 26.66 min Scan# 4024
Delta R.T. 0.02 min
Lab File: BM021008.D
Acq: 18 Jun 2019 11:51

Tgt Ion:276 Resp: 4802845
Ion Ratio Lower Upper
276 100
138 16.3 14.6 21.8
277 23.5 18.9 28.3

