

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
 Data File : BM033358.D
 Acq On : 09 Dec 2021 15:00
 Operator : CG/JU
 Sample : M4960-11
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 BGKS4

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :mohammad ahmed 12/15/2021

Quant Time: Dec 10 01:14:01 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_M\METHODS\SFAM-EPA-BM120921.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Dec 09 13:25:37 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.913	152	39463	20.000	ng/u1	0.00
20) Naphthalene-d8	10.707	136	184537	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.548	164	128022	20.000	ng/u1	0.01
64) Phenanthrene-d10	17.277	188	269906	20.000	ng/u1	0.00
79) Chrysene-d12	21.436	240	241307	20.000	ng/u1	0.00
88) Perylene-d12	23.759	264	226648	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.366	96	5174m	4.927	ng/uL	0.00
4) Pyridine-d5	3.790	84	30701	10.083	ng/u1	0.00
7) Phenol-d5	7.095	99	1150	0.308	ng/u1	0.01
9) Bis-(2-Chloroethyl)eth...	7.248	67	120584	49.290	ng/u1	0.00
11) 2-Chlorophenol-d4	7.448	132	307	0.117	ng/u1	0.00
15) 4-Methylphenol-d8	8.660	113	5348m	1.828	ng/u1	0.04
21) Nitrobenzene-d5	9.084	128	43602	29.119	ng/u1	0.01
24) 2-Nitrophenol-d4	9.807	143	289m	0.188	ng/u1	0.01
28) 2,4-Dichlorophenol-d3	0.000	165	0	0.000	ng/u1	
31) 4-Chloroaniline-d4	10.819	131	4169	0.969	ng/u1	-0.03
46) Dimethylphthalate-d6	13.960	166	310396	32.450	ng/u1	0.02
49) Acenaphthylene-d8	14.248	160	381893	32.206	ng/u1	0.02
54) 4-Nitrophenol-d4	14.789	143	2660m	1.532	ng/u1	0.04
60) Fluorene-d10	15.536	176	259765	30.360	ng/u1	0.01
65) 4,6-Dinitro-2-methylph...	0.000	200	0	0.000	ng/u1	
73) Anthracene-d10	17.371	188	414197	31.051	ng/u1	0.00
81) Pyrene-d10	19.659	212	464988	34.478	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.612	264	397466	32.354	ng/u1	0.00
Target Compounds						
					Qvalue	
8) Phenol	7.125	94	60786	15.792	ng/u1	93
13) 2-Methylphenol	8.366	108	107223	38.423	ng/u1	97
16) Acetophenone	8.760	105	38997	8.049	ng/u1	97
18) 4-Methylphenol	8.707	108	25623	8.392	ng/u1#	48
26) 2,4-Dimethylphenol	9.925	107	291298m	73.765	ng/u1	
30) Naphthalene	10.760	128	1300823	126.494	ng/u1	99
32) 4-Chloroaniline	11.142	127	180798211m	41791.565	ng/u1	
36) 2-Methylnaphthalene	12.407	142	174330	24.997	ng/u1	99
37) 1-Methylnaphthalene	12.624	142	79589	10.981	ng/u1	98
43) 1,1'-Biphenyl	13.395	154	25066	2.559	ng/u1#	92
52) Acenaphthene	14.613	153	9431	1.151	ng/u1	93
59) Diethylphthalate	15.371	149	248735	25.233	ng/u1#	91
67) N-Nitrosodiphenylamine	15.795	169	112715	14.203	ng/u1	98
77) Carbazole	17.683	167	29423	2.062	ng/u1	95
78) Di-n-butylphthalate	18.230	149	36170	2.259	ng/u1	97
83) Butylbenzylphthalate	20.577	149	249798	39.185	ng/u1	92
86) Bis(2-ethylhexyl)phtha...	21.342	149	114107	12.454	ng/u1	100
89) Di-n-octyl phthalate	22.247	149	37434	2.253	ng/u1	100

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

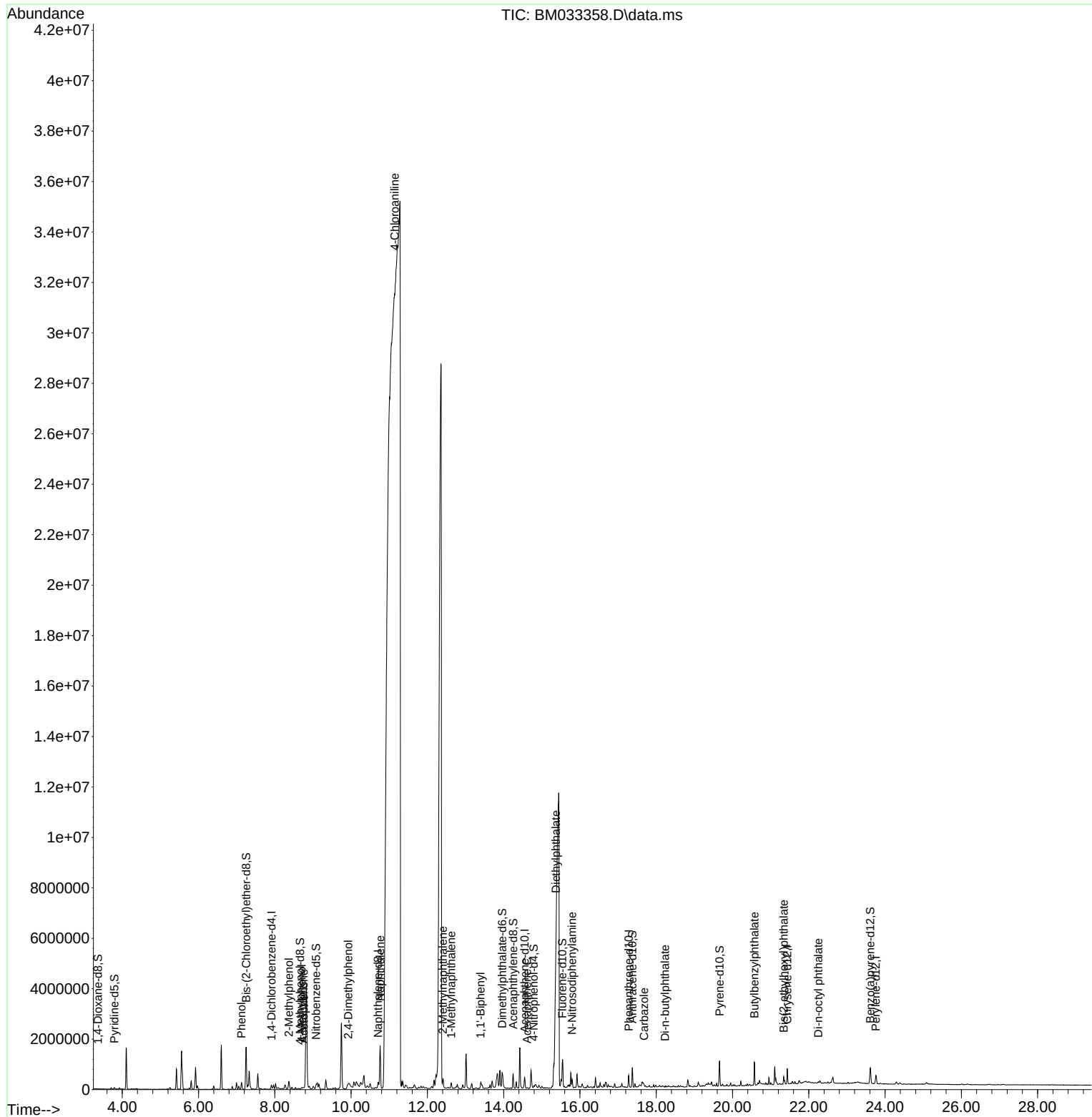
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM120921\
Data File : BM033358.D
Acq On : 09 Dec 2021 15:00
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ALS Vial : 11 Sample Multiplier: 1

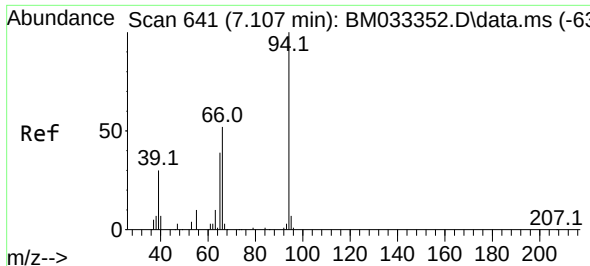
Instrument :
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Quant Title : SVOA CALIBRATION
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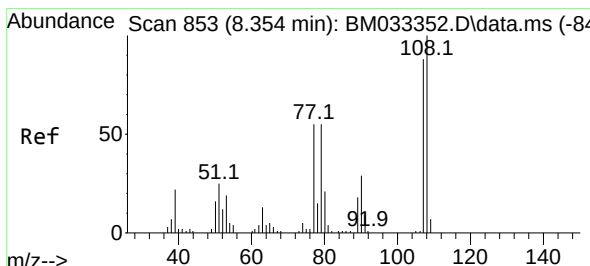
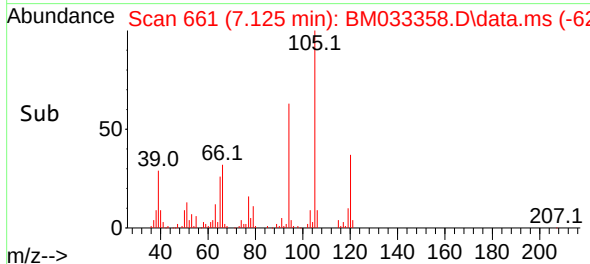
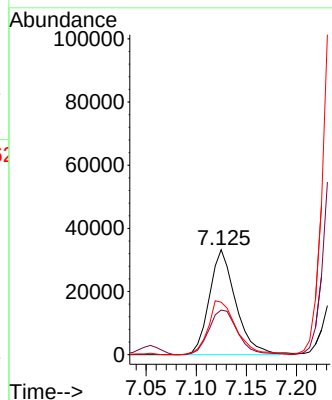
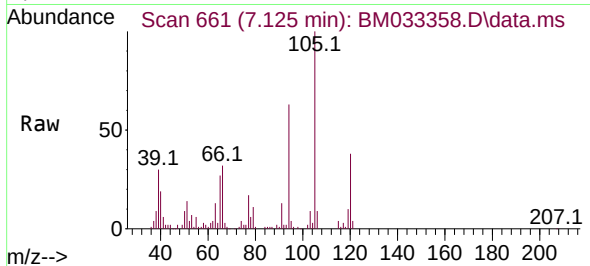
#8
Phenol
Concen: 15.792 ng/ul
RT: 7.125 min Scan# 60
Delta R.T. 0.018 min
Lab File: BM033358.D
Acq: 09 Dec 2021 15:00

Instrument :
BNA_M
ClientSampleId :
BGKS4

Tgt Ion: 94 Resp: 60780
Ion Ratio Lower Upper
94 100
65 42.5 31.7 47.5
66 50.0 45.4 68.0

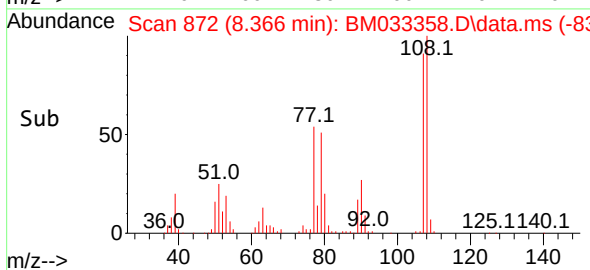
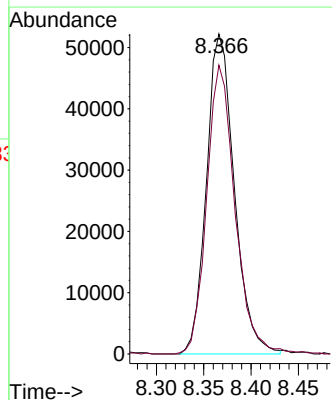
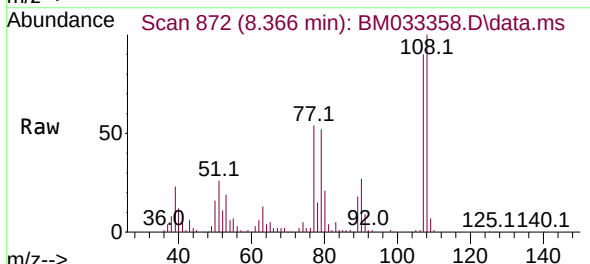
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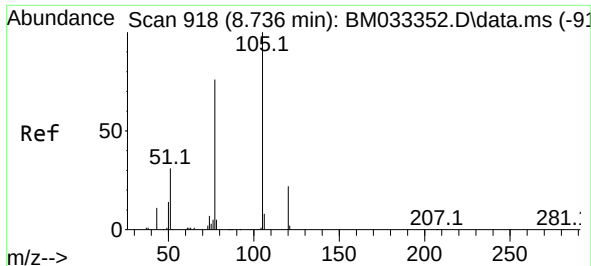
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#13
2-Methylphenol
Concen: 38.423 ng/ul
RT: 8.366 min Scan# 872
Delta R.T. 0.012 min
Lab File: BM033358.D
Acq: 09 Dec 2021 15:00

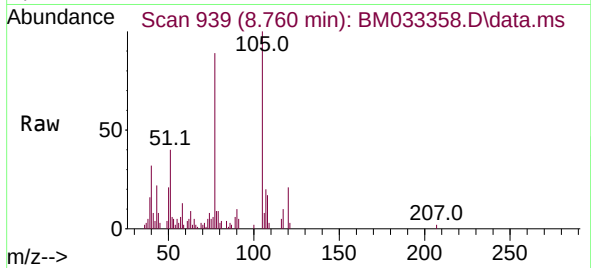
Tgt Ion:108 Resp: 107223
Ion Ratio Lower Upper
108 100
107 90.3 70.2 105.4





#16
Acetophenone
Concen: 8.049 ng/u1
RT: 8.760 min Scan# 918
Delta R.T. 0.024 min
Lab File: BM033358.D
Acq: 09 Dec 2021 15:00

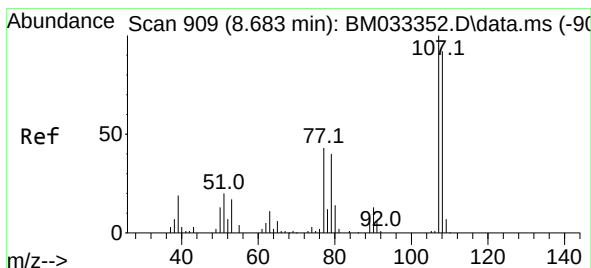
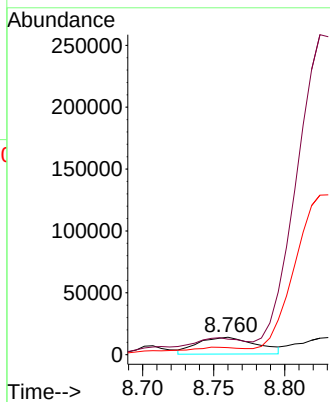
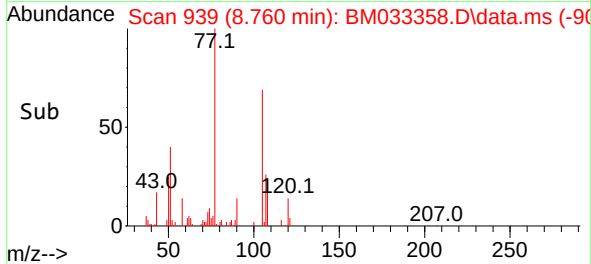
Instrument :
BNA_M
ClientSampleId :
BGKS4



Tgt Ion:105 Resp: 3899
Ion Ratio Lower Upper
105 100
77 89.0 73.1 109.7
51 40.2 30.5 45.7

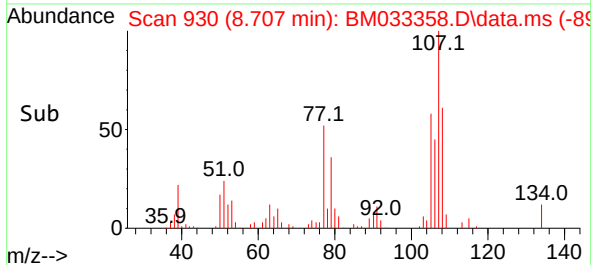
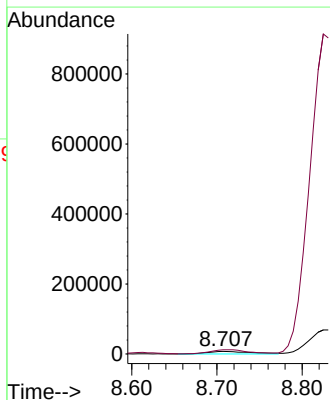
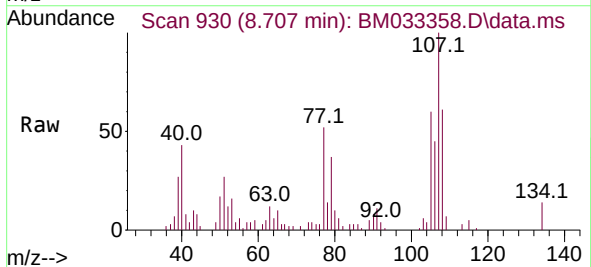
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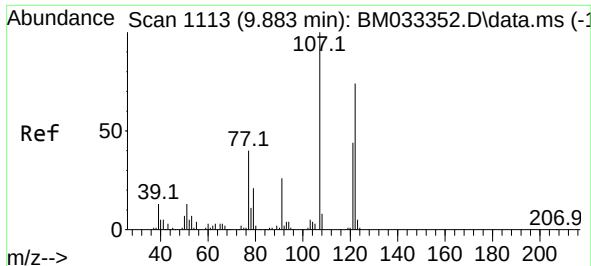
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#18
4-Methylphenol
Concen: 8.392 ng/u1
RT: 8.707 min Scan# 930
Delta R.T. 0.024 min
Lab File: BM033358.D
Acq: 09 Dec 2021 15:00

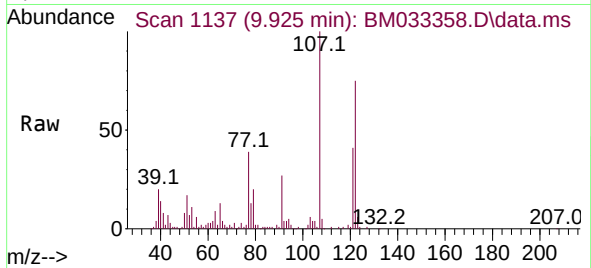
Tgt Ion:108 Resp: 25623
Ion Ratio Lower Upper
108 100
107 164.1 87.4 131.2#





#26
2,4-Dimethylphenol
Concen: 73.765 ng/ul m
RT: 9.925 min Scan# 1113
Delta R.T. 0.041 min
Lab File: BM033358.D
Acq: 09 Dec 2021 15:00

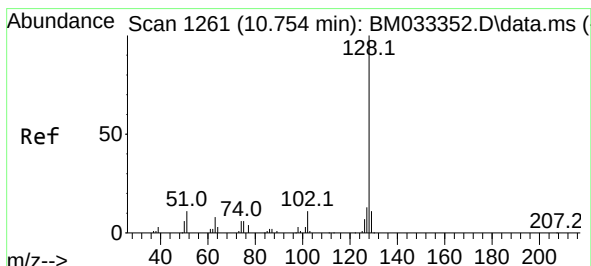
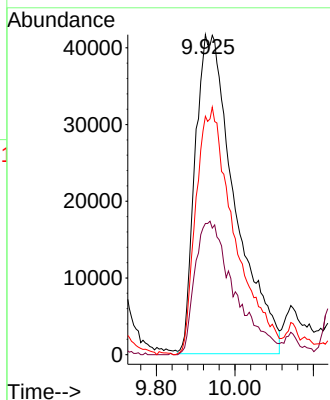
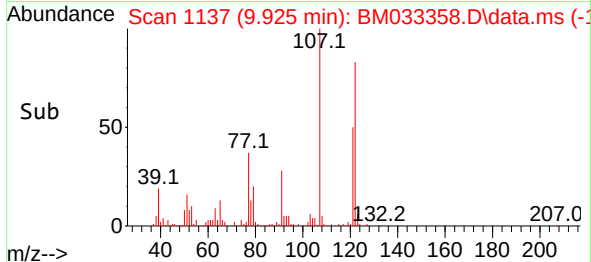
Instrument :
BNA_M
ClientSampleId :
BGKS4



Tgt Ion:107 Resp: 291298
Ion Ratio Lower Upper
107 100
121 41.0 34.8 52.2
122 74.5 60.0 90.0

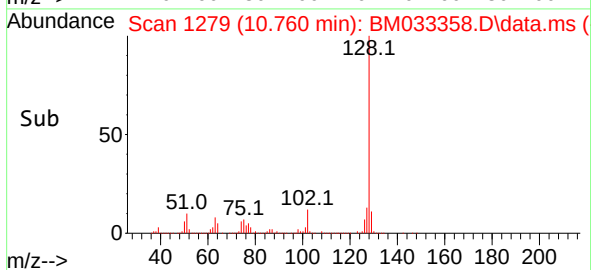
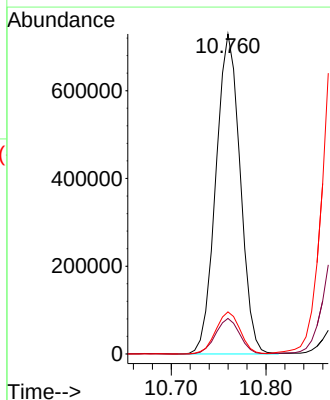
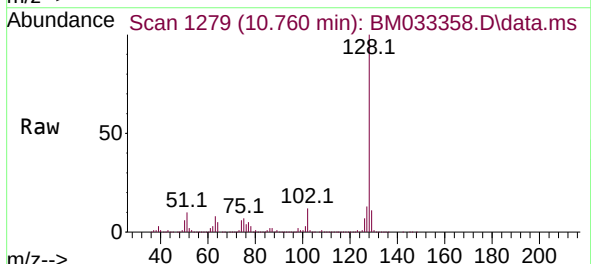
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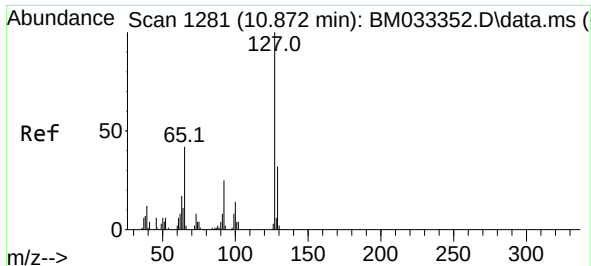
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#30
Naphthalene
Concen: 126.494 ng/ul
RT: 10.760 min Scan# 1279
Delta R.T. 0.006 min
Lab File: BM033358.D
Acq: 09 Dec 2021 15:00

Tgt Ion:128 Resp: 1300823
Ion Ratio Lower Upper
128 100
129 11.1 9.1 13.7
127 13.2 10.2 15.4





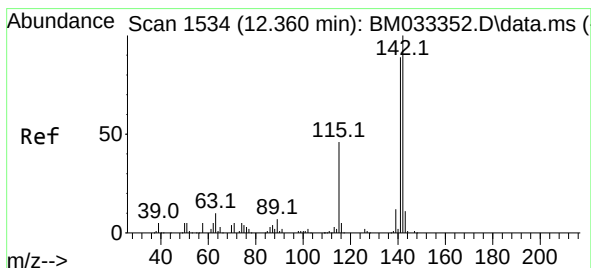
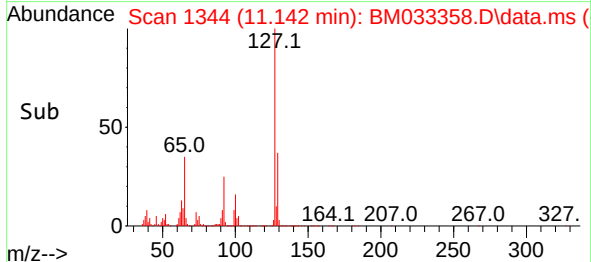
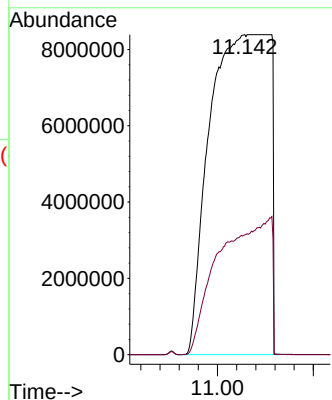
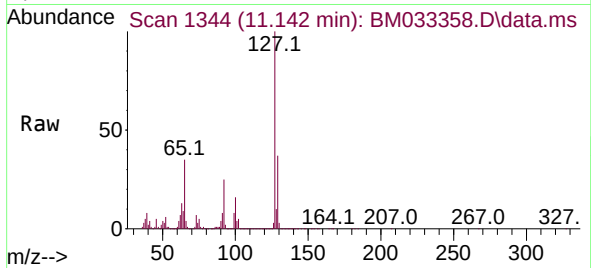
#32
4-Chloroaniline
Concen: 41791.565 ng/ul m
RT: 11.142 min Scan# 1111
Delta R.T. 0.271 min
Lab File: BM033358.D
Acq: 09 Dec 2021 15:00

Instrument :
BNA_M
ClientSampleId :
BGKS4

Tgt Ion:127 Resp:1807982
Ion Ratio Lower Upper
127 100
129 37.4 25.4 38.0

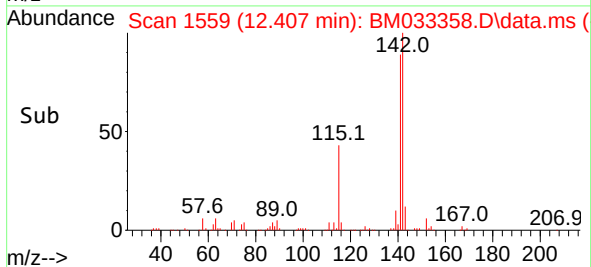
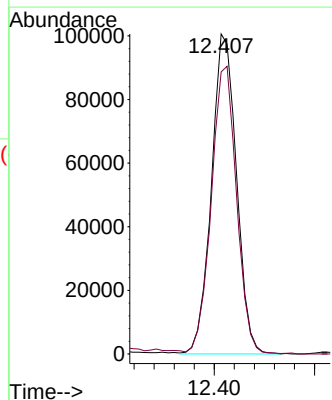
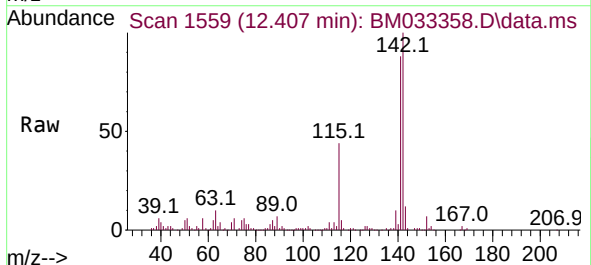
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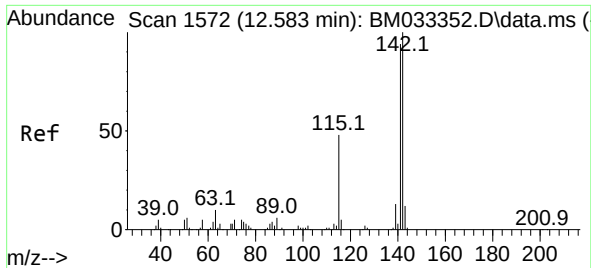
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021



#36
2-Methylnaphthalene
Concen: 24.997 ng/ul
RT: 12.407 min Scan# 1559
Delta R.T. 0.047 min
Lab File: BM033358.D
Acq: 09 Dec 2021 15:00

Tgt Ion:142 Resp: 174330
Ion Ratio Lower Upper
142 100
141 88.2 71.1 106.7





#37

1-Methylnaphthalene

Concen: 10.981 ng/ul

RT: 12.624 min Scan# 11

Delta R.T. 0.041 min

Lab File: BM033358.D

Acq: 09 Dec 2021 15:00

Instrument :

BNA_M

ClientSampleId :

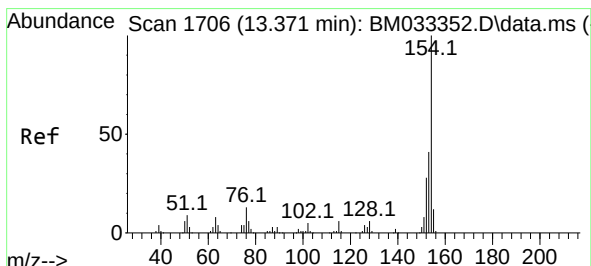
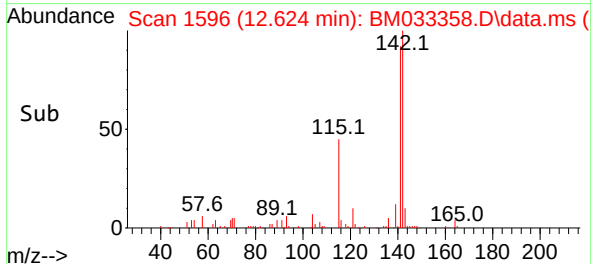
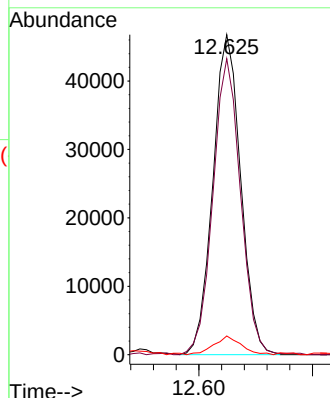
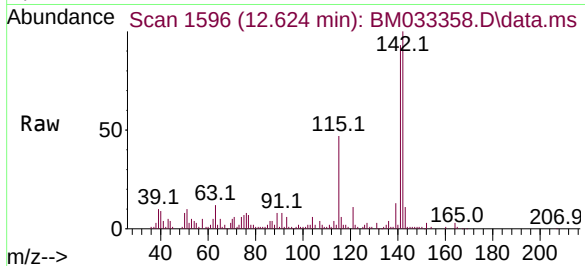
BGKS4

Tgt Ion:	142	Resp:	79589
Ion Ratio	Lower	Upper	
142	100		
141	92.5	75.5	113.3
116	5.8	4.0	6.0

Manual Integrations

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#43

1,1'-Biphenyl

Concen: 2.559 ng/ul

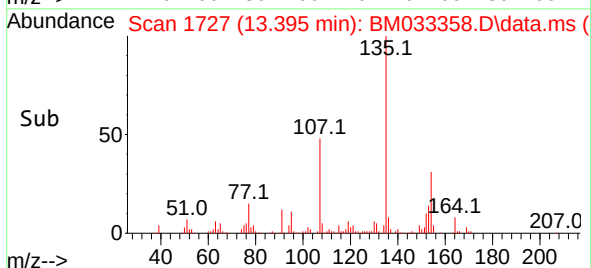
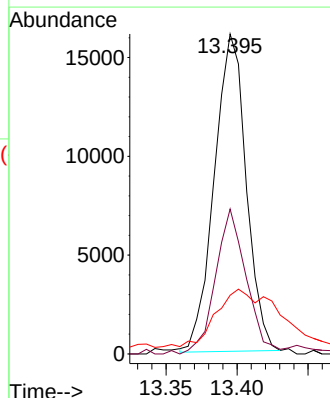
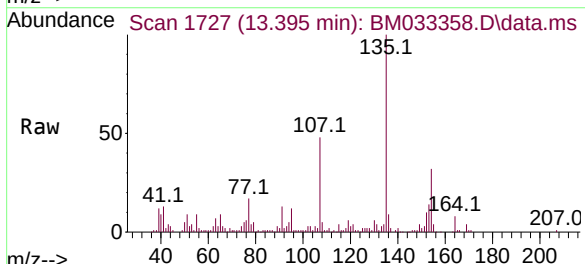
RT: 13.395 min Scan# 1727

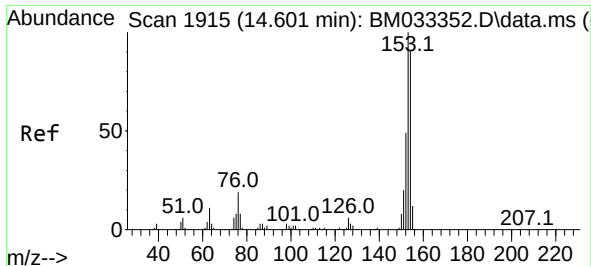
Delta R.T. 0.024 min

Lab File: BM033358.D

Acq: 09 Dec 2021 15:00

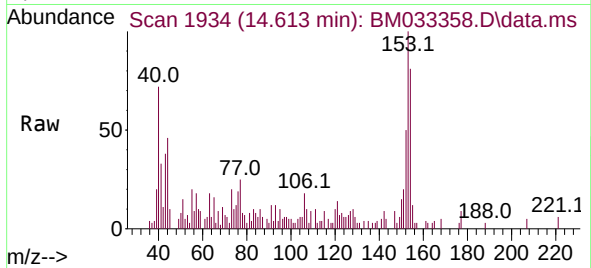
Tgt Ion:	154	Resp:	25066
Ion Ratio	Lower	Upper	
154	100		
153	45.3	33.1	49.7
76	18.3	10.7	16.1





#52
Acenaphthene
Concen: 1.151 ng/ul
RT: 14.613 min Scan# 1915
Delta R.T. 0.012 min
Lab File: BM033358.D
Acq: 09 Dec 2021 15:00

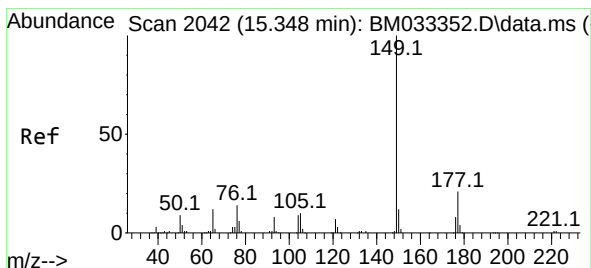
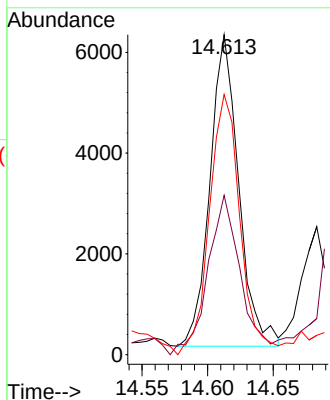
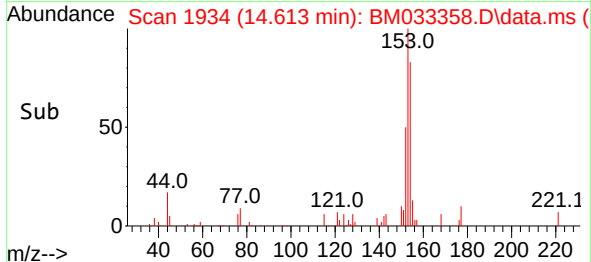
Instrument :
BNA_M
ClientSampleId :
BGKS4



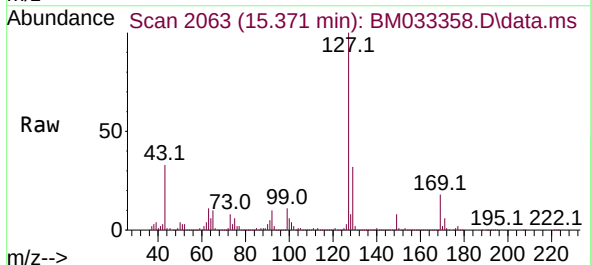
Tgt Ion:153 Resp: 943
Ion Ratio Lower Upper
153 100
152 49.8 39.4 59.2
154 81.3 72.7 109.1

Manual Integrations
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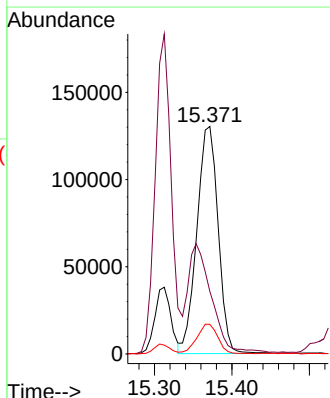
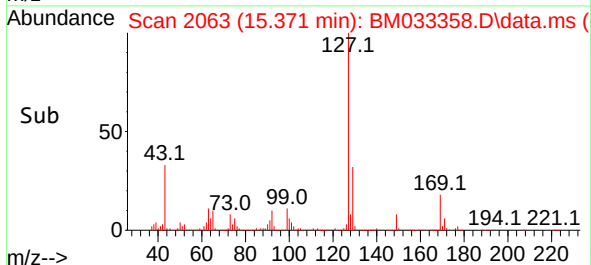
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021

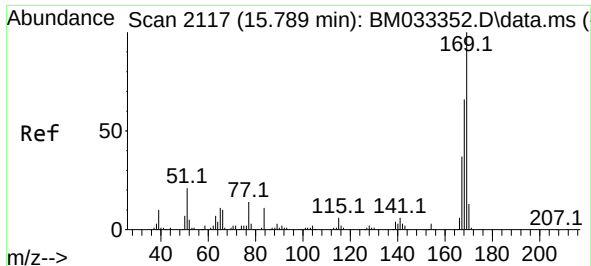


#59
Diethylphthalate
Concen: 25.233 ng/ul
RT: 15.371 min Scan# 2063
Delta R.T. 0.024 min
Lab File: BM033358.D
Acq: 09 Dec 2021 15:00



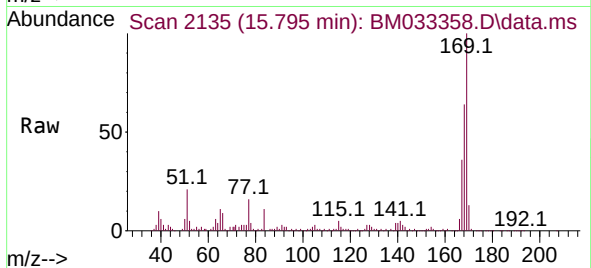
Tgt Ion:149 Resp: 248735
Ion Ratio Lower Upper
149 100
177 27.4 17.1 25.7#
150 13.0 9.9 14.9





#67
N-Nitrosodiphenylamine
Concen: 14.203 ng/ul
RT: 15.795 min Scan# 2117
Delta R.T. 0.006 min
Lab File: BM033358.D
Acq: 09 Dec 2021 15:00

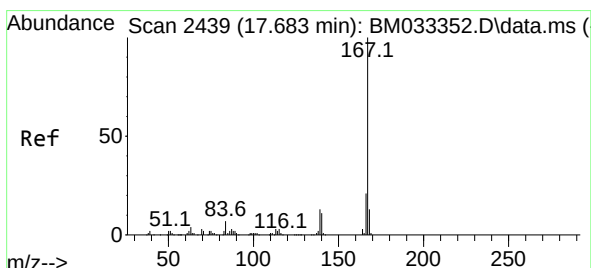
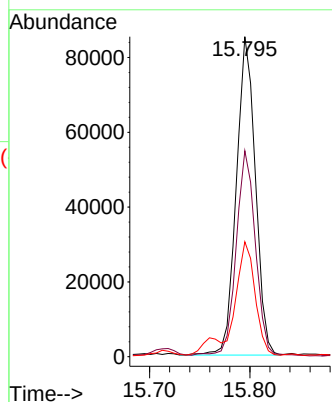
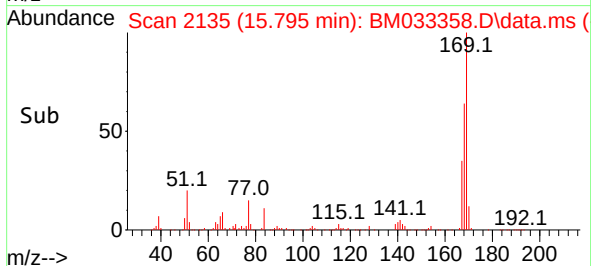
Instrument :
BNA_M
ClientSampleId :
BGKS4



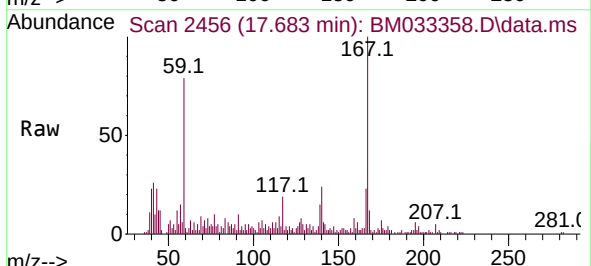
Tgt Ion:169 Resp: 112715
Ion Ratio Lower Upper
169 100
168 64.4 52.9 79.3
167 35.9 29.9 44.9

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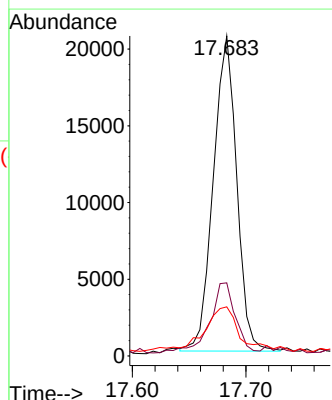
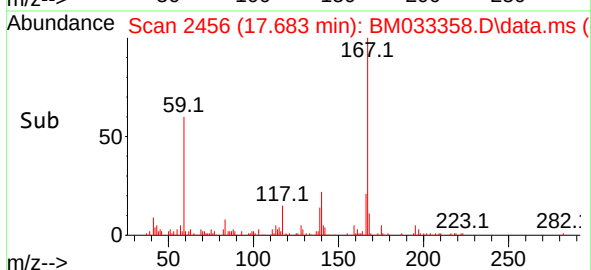
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021

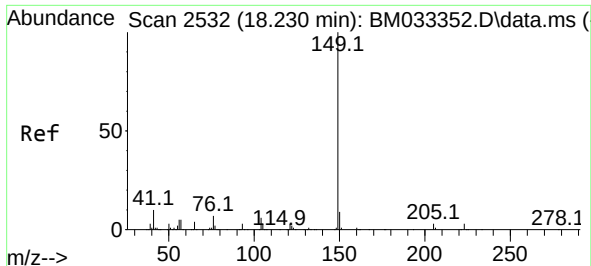


#77
Carbazole
Concen: 2.062 ng/ul
RT: 17.683 min Scan# 2456
Delta R.T. 0.000 min
Lab File: BM033358.D
Acq: 09 Dec 2021 15:00



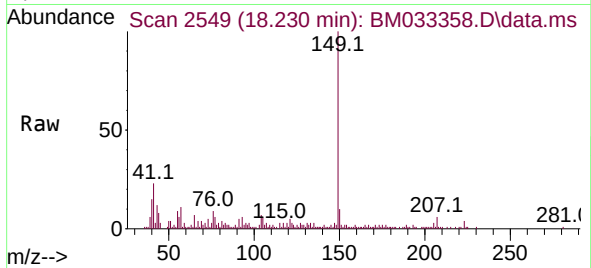
Tgt Ion:167 Resp: 29423
Ion Ratio Lower Upper
167 100
166 22.9 16.9 25.3
139 15.4 10.5 15.7





#78
Di-n-butylphthalate
Concen: 2.259 ng/ul
RT: 18.230 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM033358.D
Acq: 09 Dec 2021 15:00

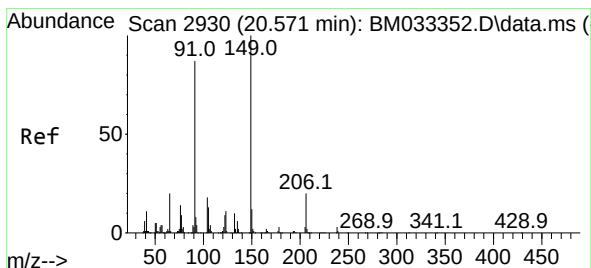
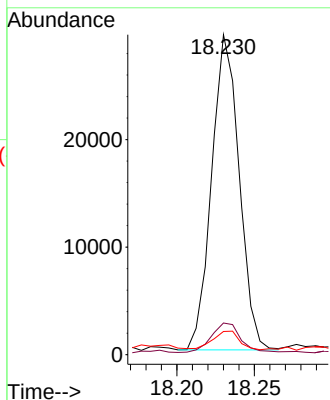
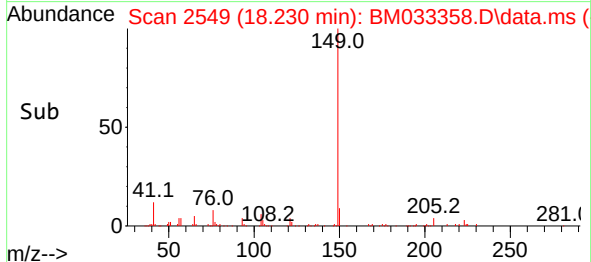
Instrument :
BNA_M
ClientSampleId :
BGKS4



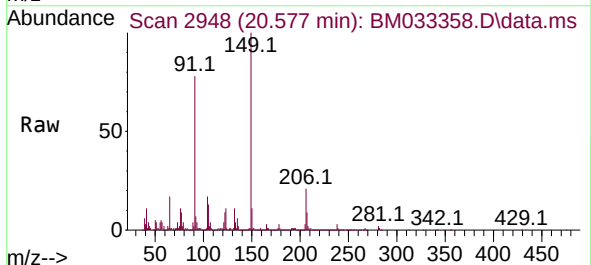
Tgt Ion:149 Resp: 36170
Ion Ratio Lower Upper
149 100
150 9.9 7.0 10.6
104 7.2 5.1 7.7

Manual Integrations
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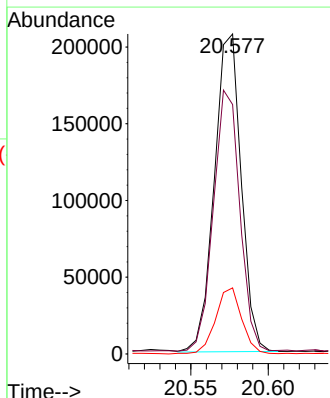
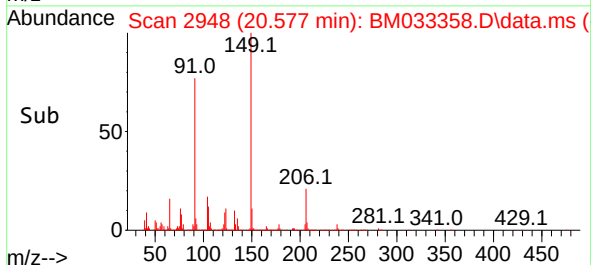
Reviewed By :Jagrut Upadhyay 12/10/2021
Supervised By :mohammad ahmed 12/15/2021

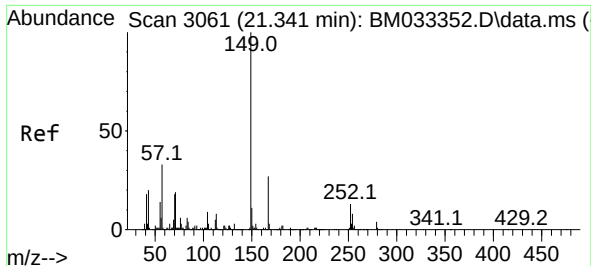


#83
Butylbenzylphthalate
Concen: 39.185 ng/ul
RT: 20.577 min Scan# 2948
Delta R.T. 0.006 min
Lab File: BM033358.D
Acq: 09 Dec 2021 15:00



Tgt Ion:149 Resp: 249798
Ion Ratio Lower Upper
149 100
91 77.9 69.3 103.9
206 20.7 16.1 24.1





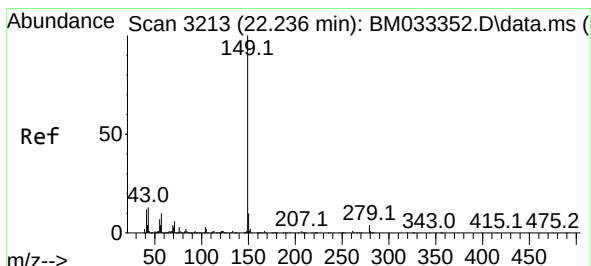
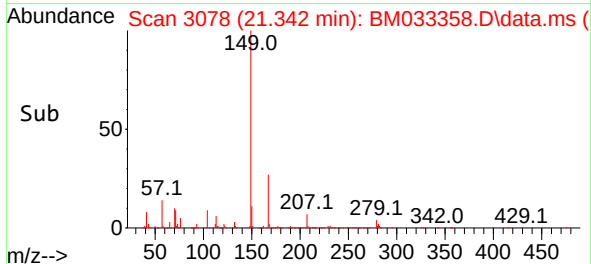
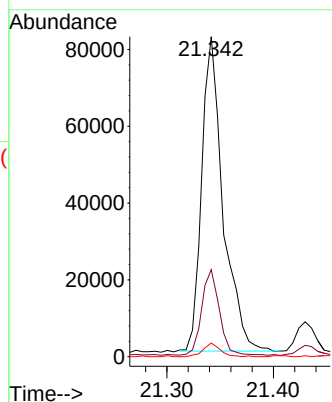
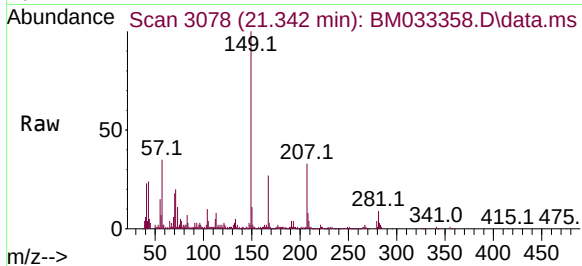
#86
 Bis(2-ethylhexyl)phthalate
 Concen: 12.454 ng/ul
 RT: 21.342 min Scan# 3061
 Delta R.T. 0.000 min
 Lab File: BM033358.D
 Acq: 09 Dec 2021 15:00

Instrument :
 BNA_M
 ClientSampleId :
 BGKS4

Tgt Ion:149 Resp: 11410
 Ion Ratio Lower Upper
 149 100
 167 27.2 21.8 32.8
 279 4.3 3.2 4.8

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 12/10/2021
 Supervised By :mohammad ahmed 12/15/2021



#89
 Di-n-octyl phthalate
 Concen: 2.253 ng/ul
 RT: 22.247 min Scan# 3232
 Delta R.T. 0.012 min
 Lab File: BM033358.D
 Acq: 09 Dec 2021 15:00

Tgt Ion:149 Resp: 37434

