

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM111323\
 Data File : BM042731.D
 Acq On : 14 Nov 2023 12:24
 Operator : MA/JU
 Sample : 05057-03
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 A4A89

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 11/15/2023
 Supervised By :mohammad ahmed 11/19/2023

Quant Time: Nov 14 15:15:01 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\SFAM-EPA-BM111323.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Nov 14 00:02:28 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.822	152	25762	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.640	136	101947	20.000	ng/u1	#-0.02
38) Acenaphthene-d10	14.487	164	62376	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.239	188	144170	20.000	ng/u1	-0.01
79) Chrysene-d12	21.427	240	162225	20.000	ng/u1	0.00
88) Perylene-d12	23.792	264	199146	20.000	ng/u1	-0.01
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.176	96	5821	7.090	ng/uL	-0.01
4) Pyridine-d5	3.611	84	66056	32.345	ng/u1	-0.02
7) Phenol-d5	6.993	99	107193	42.753	ng/u1	-0.01
9) Bis-(2-Chloroethyl)eth...	7.169	67	73816	41.898	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.346	132	77352	39.982	ng/u1	-0.02
15) 4-Methylphenol-d8	8.546	113	77990	39.505	ng/u1	-0.02
21) Nitrobenzene-d5	9.028	128	35371	39.573	ng/u1	-0.01
24) 2-Nitrophenol-d4	9.740	143	40586	38.815	ng/u1	-0.01
28) 2,4-Dichlorophenol-d3	10.263	165	78813	40.537	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.816	131	71017	28.769	ng/u1	-0.01
46) Dimethylphthalate-d6	13.910	166	238593	40.416	ng/u1	0.00
49) Acenaphthylene-d8	14.187	160	258172	40.873	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.739	143	18282	27.410	ng/u1	0.00
60) Fluorene-d10	15.481	176	192737	39.426	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.628	200	33070	30.283	ng/u1	-0.01
73) Anthracene-d10	17.339	188	308933	38.236	ng/u1	-0.01
81) Pyrene-d10	19.639	212	427735	40.265	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.639	264	472763	39.688	ng/u1	-0.01
Target Compounds					Qvalue	
2) 1,4-Dioxane	3.211	88	18935	21.656	ng/uL#	84
8) Phenol	7.022	94	212651	85.266	ng/u1	100
12) 2-Chlorophenol	7.381	128	87674	45.536	ng/u1	95
13) 2-Methylphenol	8.281	108	50697	27.260	ng/u1	93
14) 2,2'-oxybis(1-Chloropr...	8.358	45	222662m	59.373	ng/u1	
18) 4-Methylphenol	8.605	108	78894	39.018	ng/u1	80
19) Hexachloroethane	8.881	117	48156	44.875	ng/u1	93
22) Nitrobenzene	9.069	77	63581	23.536	ng/u1	97
25) 2-Nitrophenol	9.769	139	49430	46.530	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.069	93	99005	36.414	ng/u1	97
29) 2,4-Dichlorophenol	10.293	162	91069	49.474	ng/u1	98
30) Naphthalene	10.693	128	292050	45.727	ng/u1	100
34) Caprolactam	11.657	113	21441m	39.285	ng/u1	
36) 2-Methylnaphthalene	12.304	142	97131	22.691	ng/u1	99
37) 1-Methylnaphthalene	12.522	142	176133	39.136	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.657	216	92222	37.699	ng/u1	99
41) 2,4,6-Trichlorophenol	12.922	196	43801	29.313	ng/u1	95
42) 2,4,5-Trichlorophenol	12.998	196	19787	13.714	ng/u1	99
43) 1,1'-Biphenyl	13.322	154	185885	35.734	ng/u1	99
44) 2-Chloronaphthalene	13.369	162	125612	30.016	ng/u1	99
47) Dimethylphthalate	13.957	163	102488	17.824	ng/u1	99
48) 2,6-Dinitrotoluene	14.104	165	18256	16.900	ng/u1#	88
52) Acenaphthene	14.551	153	181119	37.838	ng/u1	98
55) 4-Nitrophenol	14.751	109	21328	20.321	ng/u1	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
59) Diethylphthalate	15.304	149	134886	22.371	ng/u1	98
68) 4-Bromophenyl-phenylether	16.428	248	59674	31.096	ng/u1	95
69) Hexachlorobenzene	16.504	284	53614	22.854	ng/u1	98
74) Anthracene	17.375	178	165764	18.298	ng/u1	98
78) Di-n-butylphthalate	18.186	149	402687	36.813	ng/u1	99
82) Pyrene	19.669	202	390019	30.368	ng/u1	99
83) Butylbenzylphthalate	20.551	149	65808	11.997	ng/u1	99
85) Benzo(a)anthracene	21.410	228	181456	14.249	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.292	149	386128	46.394	ng/u1	99
91) Benzo(k)fluoranthene	23.110	252	436378	30.163	ng/u1	99
93) Benzo(a)pyrene	23.692	252	398018	30.055	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.262	276	445380	27.061	ng/u1	95
96) Benzo(g,h,i)perylene	27.039	276	469181	35.899	ng/u1	100

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

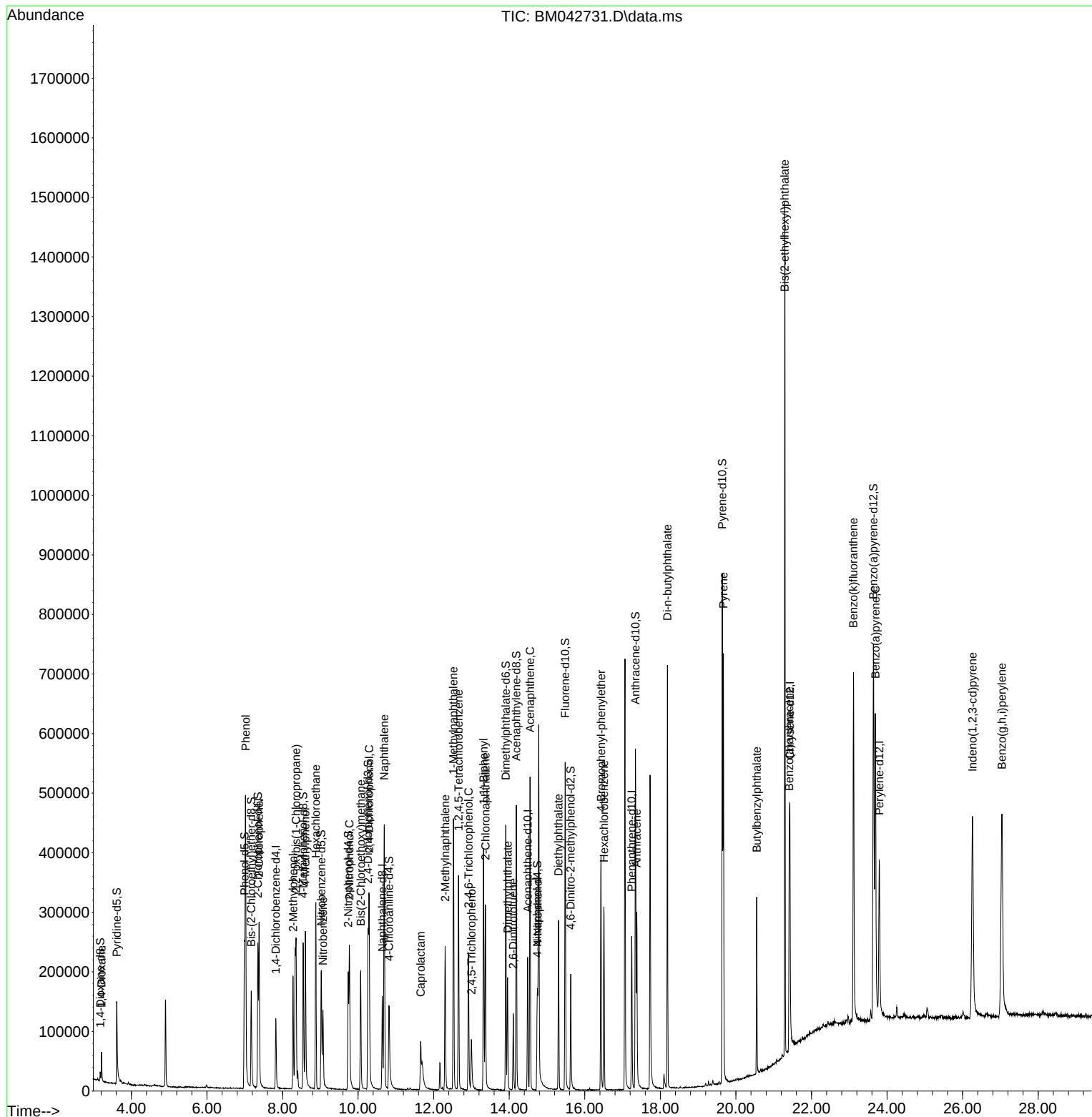
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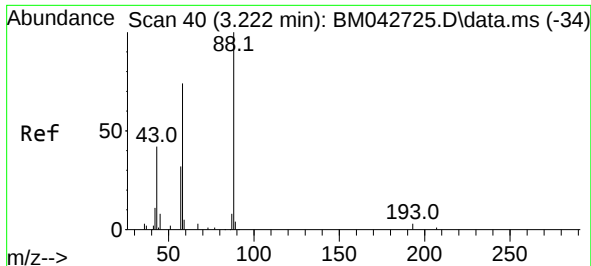
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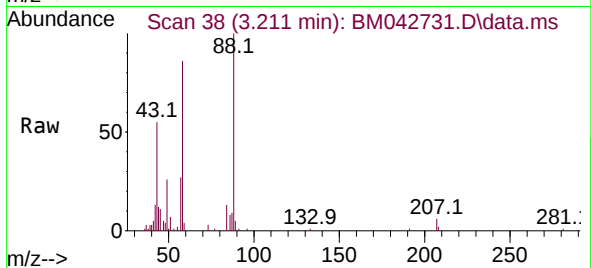
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#2
1,4-Dioxane
Concen: 21.656 ng/uL
RT: 3.211 min Scan# 38
Delta R.T. -0.011 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

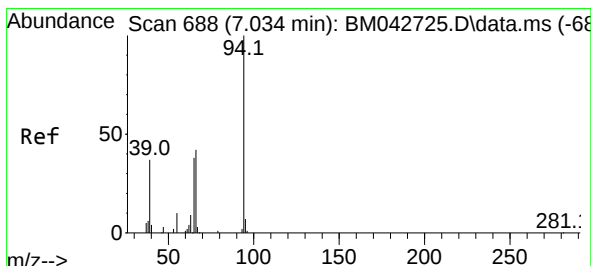
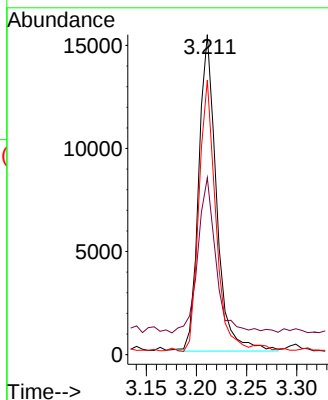
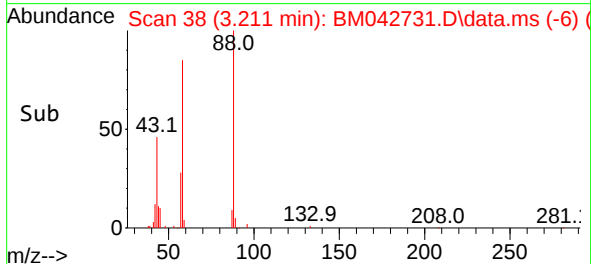
Instrument :
BNA_M
ClientSampleId :
A4A89



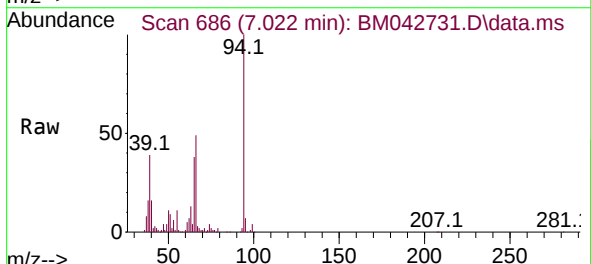
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Ion Ratio Lower Upper
88 100
43 55.3 34.3 51.5
58 85.8 59.4 89.0

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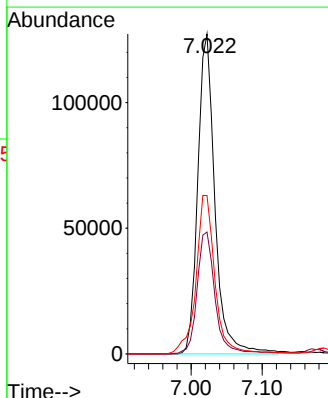
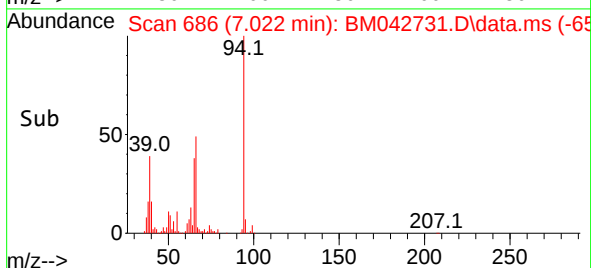
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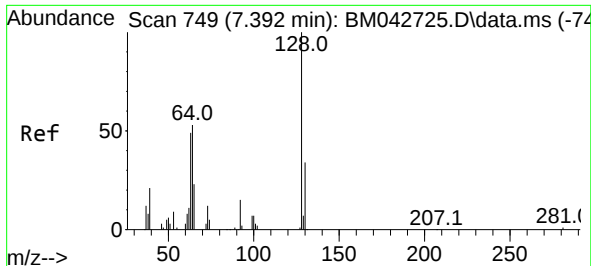


#8
Phenol
Concen: 85.266 ng/uL
RT: 7.022 min Scan# 686
Delta R.T. -0.011 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24



Tgt Ion: 94 Resp: 212651
Ion Ratio Lower Upper
94 100
65 38.1 30.3 45.5
66 49.5 39.9 59.9





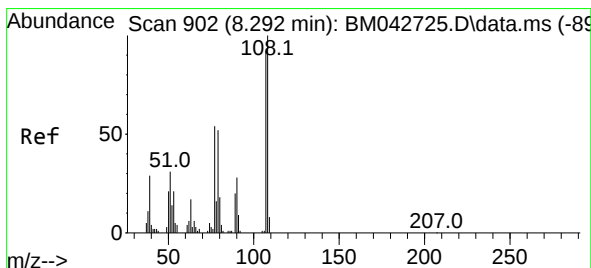
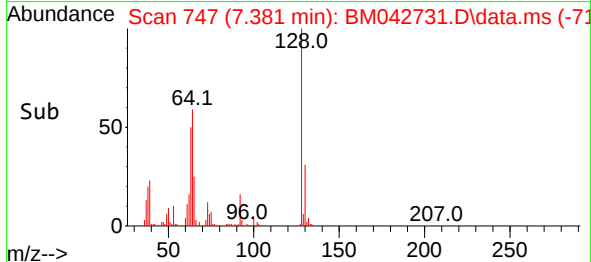
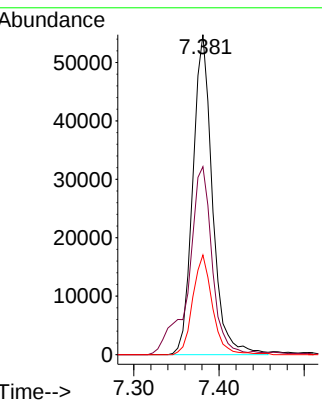
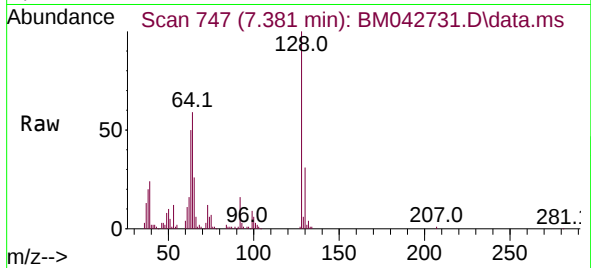
#12
2-Chlorophenol
Concen: 45.536 ng/ul
RT: 7.381 min Scan# 74
Delta R.T. -0.017 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

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Tgt Ion:128 Resp: 87674
Ion Ratio Lower Upper
128 100
64 58.7 42.9 64.3
130 31.1 23.9 35.9

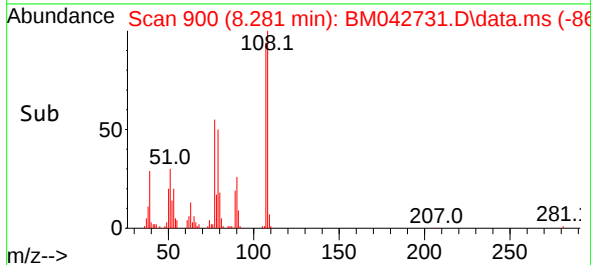
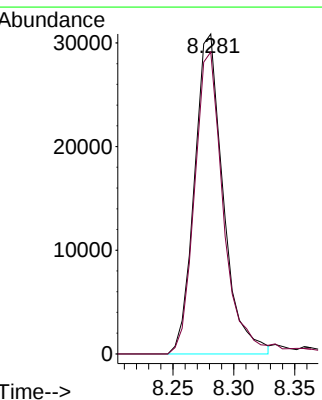
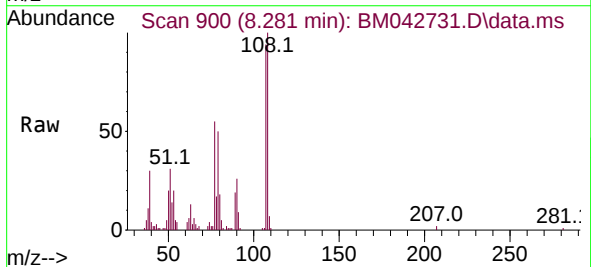
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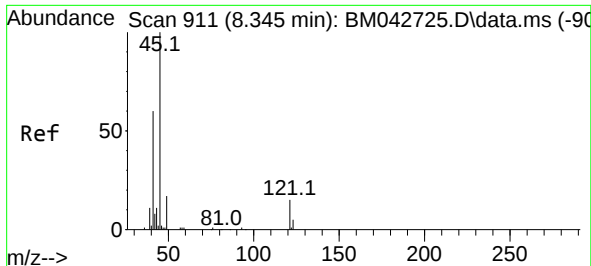
Reviewed By :Yogesh Patel 11/15/2023
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#13
2-Methylphenol
Concen: 27.260 ng/ul
RT: 8.281 min Scan# 900
Delta R.T. -0.011 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

Tgt Ion:108 Resp: 50697
Ion Ratio Lower Upper
108 100
107 94.3 70.4 105.6





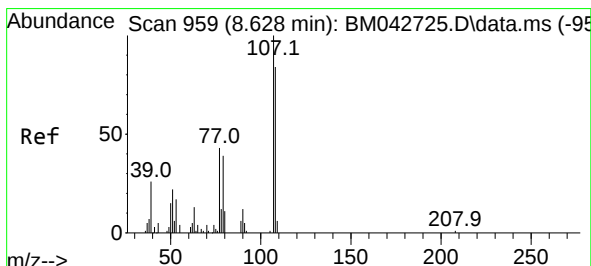
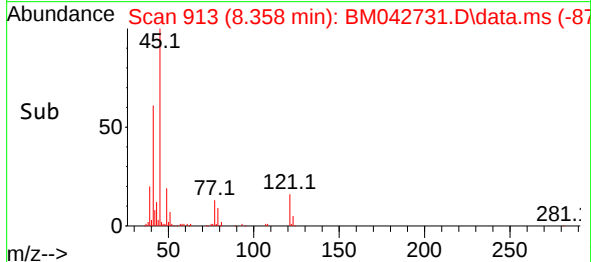
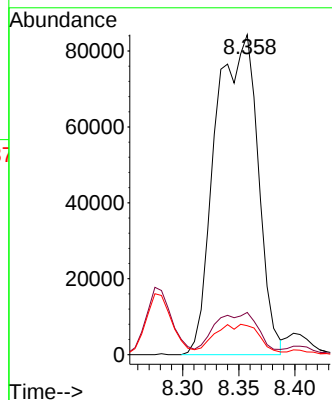
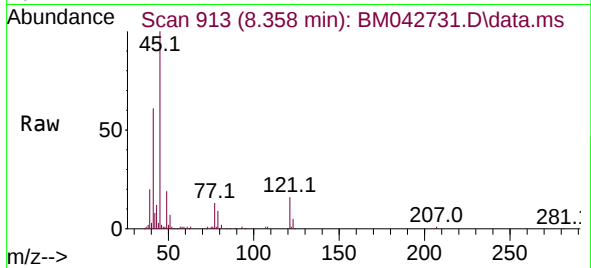
#14
2,2'-oxybis(1-Chloropropane)
Concen: 59.373 ng/ul m
RT: 8.358 min Scan# 911
Delta R.T. 0.006 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

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ClientSampleId :
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Tgt Ion: 45 Resp: 222662
Ion Ratio Lower Upper
45 100
77 13.2 12.2 18.2
79 9.0 8.2 12.2

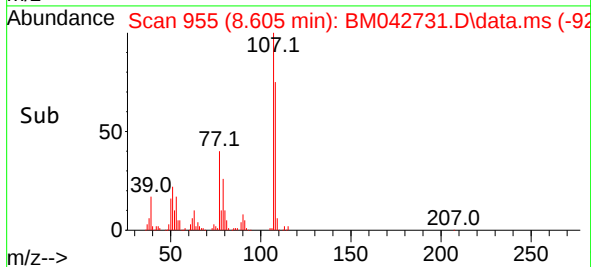
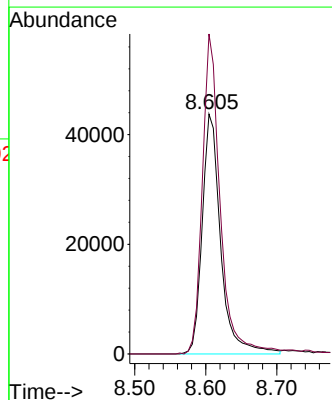
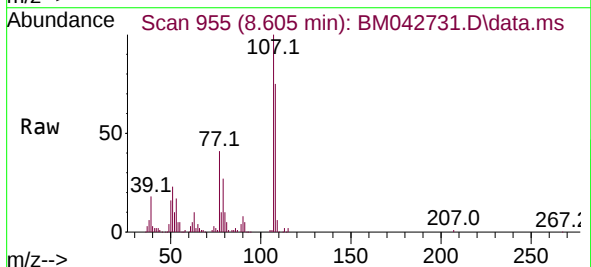
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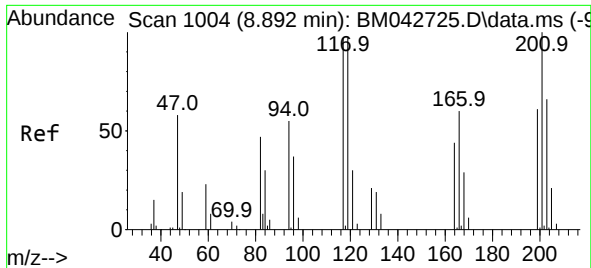
Reviewed By :Yogesh Patel 11/15/2023
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#18
4-Methylphenol
Concen: 39.018 ng/ul
RT: 8.605 min Scan# 955
Delta R.T. -0.023 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

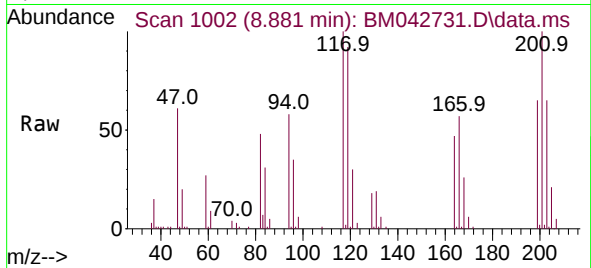
Tgt Ion:108 Resp: 78894
Ion Ratio Lower Upper
108 100
107 133.5 89.4 134.0





#19
Hexachloroethane
Concen: 44.875 ng/ul
RT: 8.881 min Scan# 1002
Delta R.T. -0.011 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

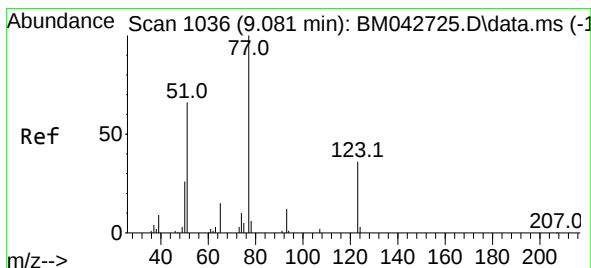
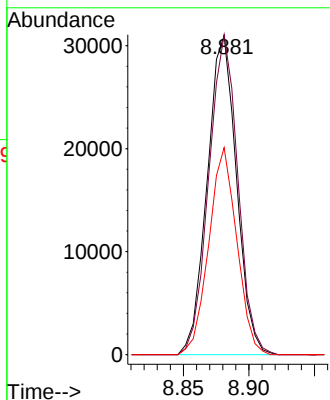
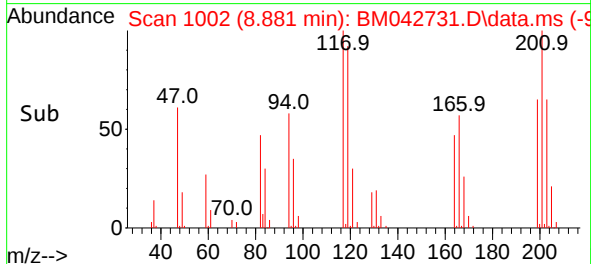
Instrument :
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Tgt Ion:117 Resp: 48156
Ion Ratio Lower Upper
117 100
201 100.3 90.0 135.0
199 64.9 52.2 78.4

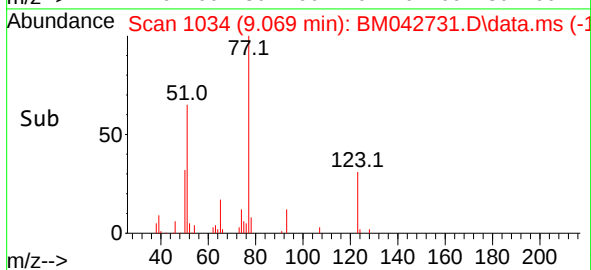
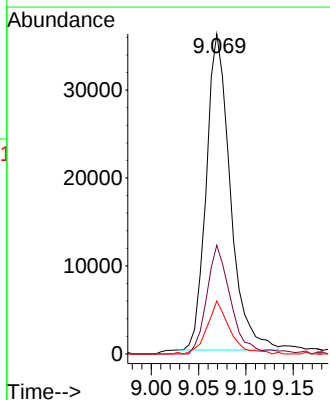
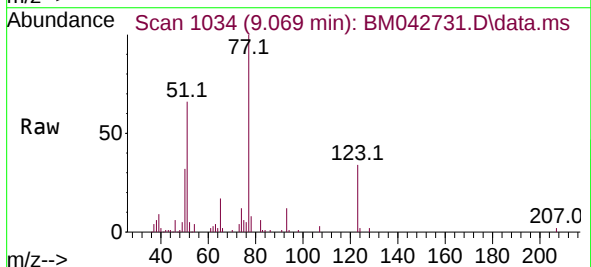
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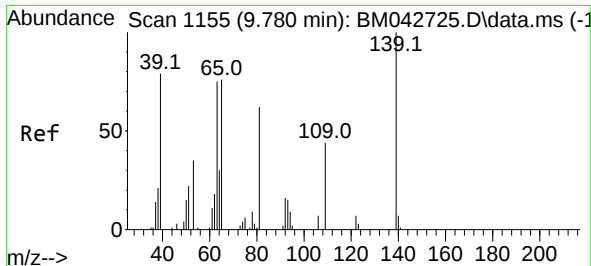
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#22
Nitrobenzene
Concen: 23.536 ng/ul
RT: 9.069 min Scan# 1034
Delta R.T. -0.017 min
Lab File: BM042731.D
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Tgt Ion: 77 Resp: 63581
Ion Ratio Lower Upper
77 100
123 33.9 28.4 42.6
65 16.5 12.4 18.6





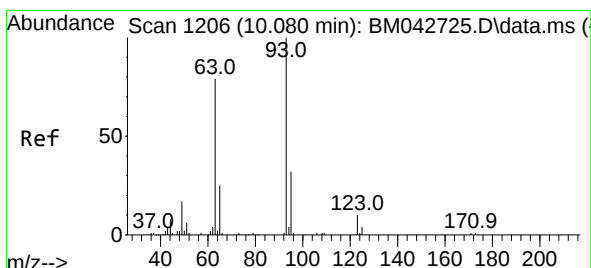
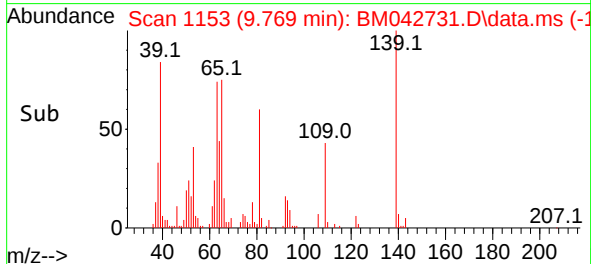
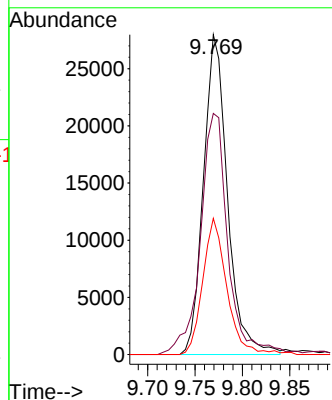
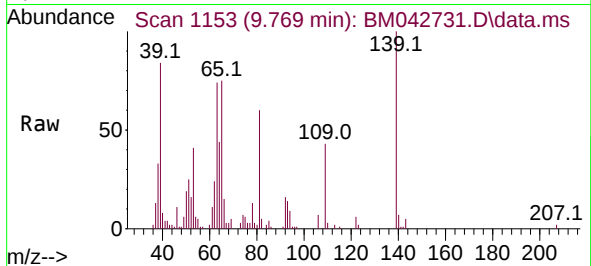
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2-Nitrophenol
Concen: 46.530 ng/ul
RT: 9.769 min Scan# 1155
Delta R.T. -0.017 min
Lab File: BM042731.D
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Tgt Ion:139 Resp: 49430
Ion Ratio Lower Upper
139 100
65 75.4 59.1 88.7
109 42.6 33.9 50.9

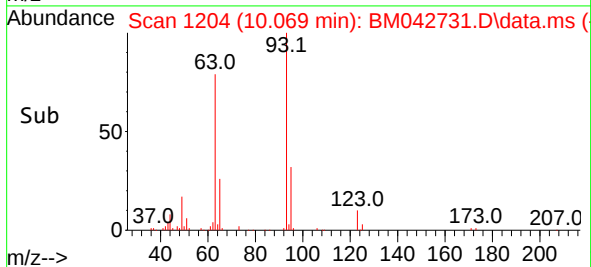
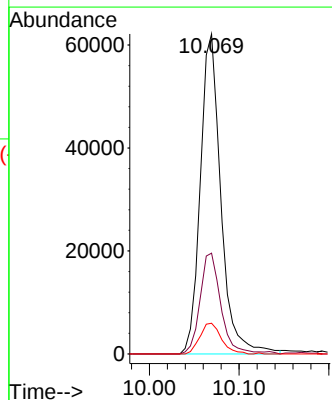
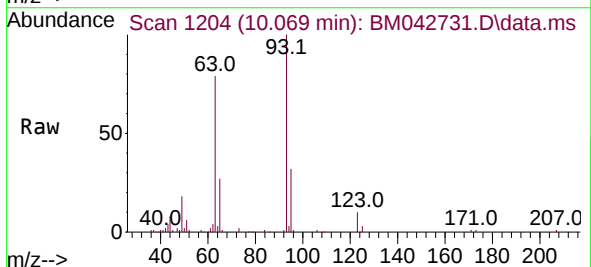
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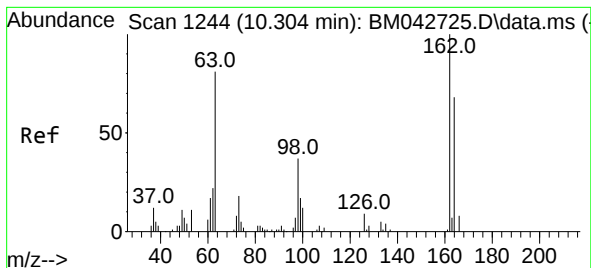
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#27
Bis(2-Chloroethoxy)methane
Concen: 36.414 ng/ul
RT: 10.069 min Scan# 1204
Delta R.T. -0.011 min
Lab File: BM042731.D
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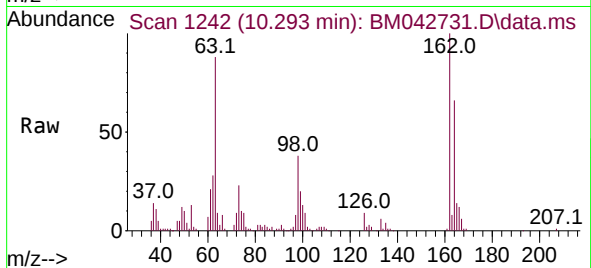
Tgt Ion: 93 Resp: 99005
Ion Ratio Lower Upper
93 100
95 31.5 26.5 39.7
123 9.6 8.2 12.2





#29
2,4-Dichlorophenol
Concen: 49.474 ng/ul
RT: 10.293 min Scan# 11
Delta R.T. -0.011 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

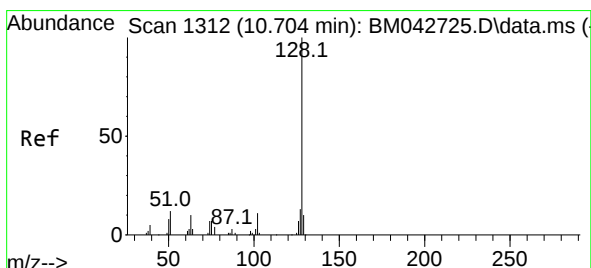
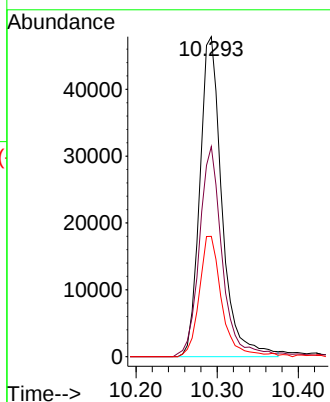
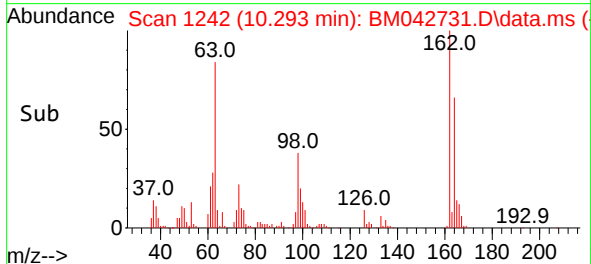
Instrument :
BNA_M
ClientSampleId :
A4A89



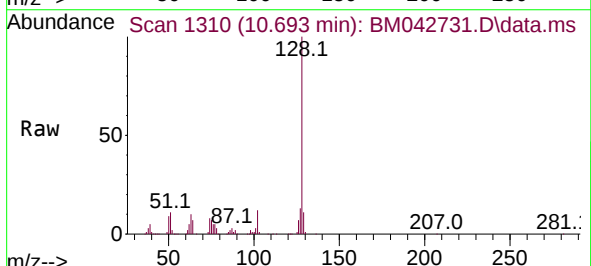
Tgt Ion:162 Resp: 91069
Ion Ratio Lower Upper
162 100
164 65.6 53.4 80.2
98 37.6 28.4 42.6

Manual Integrations
APPROVED

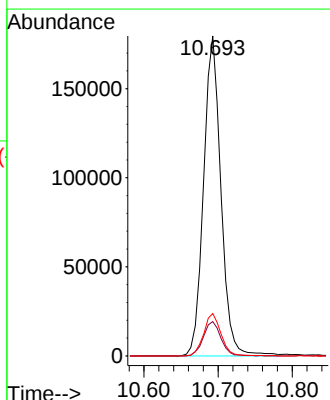
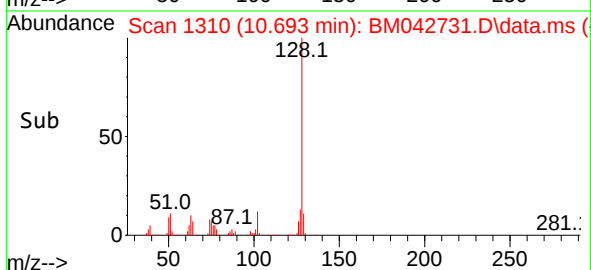
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

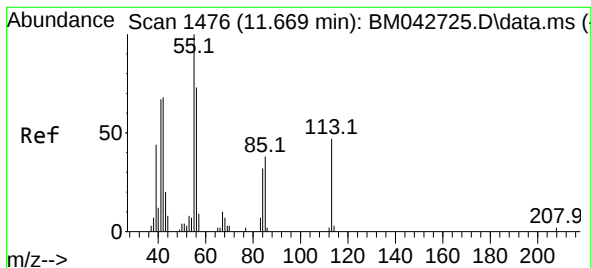


#30
Naphthalene
Concen: 45.727 ng/ul
RT: 10.693 min Scan# 1310
Delta R.T. -0.011 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24



Tgt Ion:128 Resp: 292050
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.2 10.5 15.7





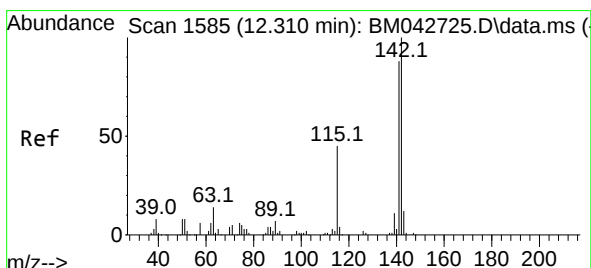
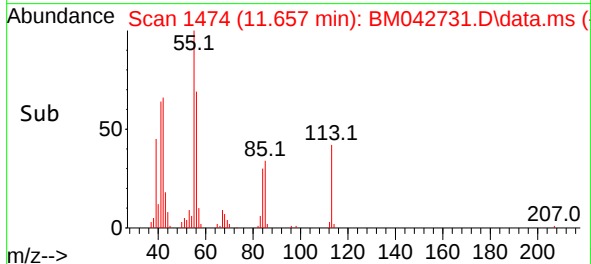
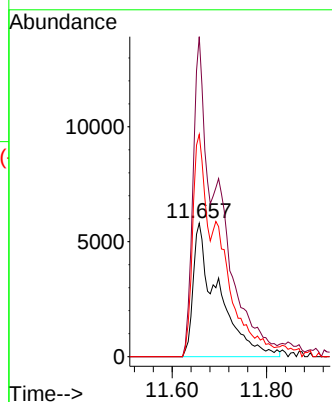
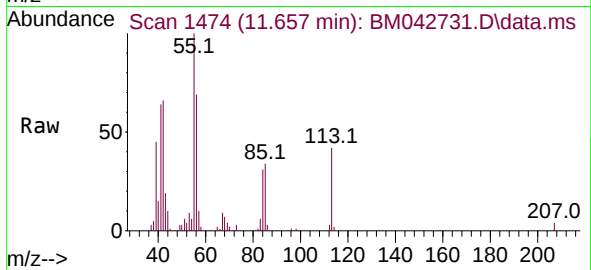
#34
Caprolactam
Concen: 39.285 ng/ul m
RT: 11.657 min Scan# 1476
Delta R.T. -0.041 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

Instrument :
BNA_M
ClientSampleId :
A4A89

Tgt Ion:113 Resp: 2144
Ion Ratio Lower Upper
113 100
55 240.0 184.2 276.2
56 166.6 134.3 201.5

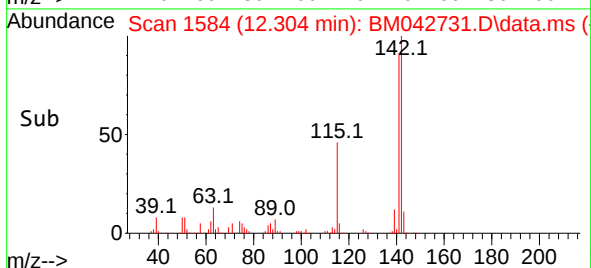
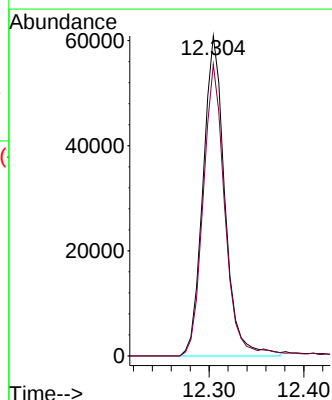
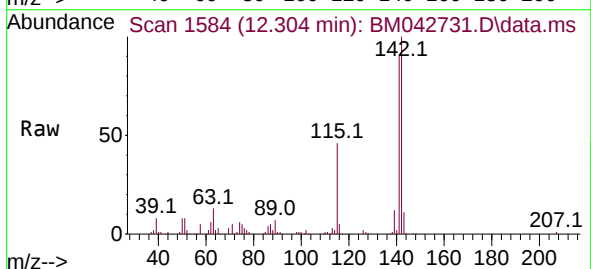
Manual Integrations
APPROVED

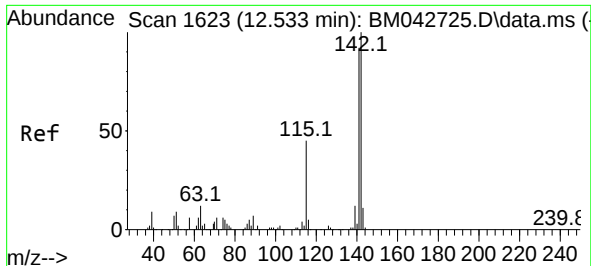
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#36
2-Methylnaphthalene
Concen: 22.691 ng/ul
RT: 12.304 min Scan# 1584
Delta R.T. -0.011 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

Tgt Ion:142 Resp: 97131
Ion Ratio Lower Upper
142 100
141 91.1 73.6 110.4





#37

1-Methylnaphthalene

Concen: 39.136 ng/ul

RT: 12.522 min Scan# 1621

Delta R.T. -0.011 min

Lab File: BM042731.D

Acq: 14 Nov 2023 12:24

Instrument :

BNA_M

ClientSampleId :

A4A89

Tgt Ion:142 Resp: 176133

Ion Ratio Lower Upper

142 100

141 93.9 73.3 109.9

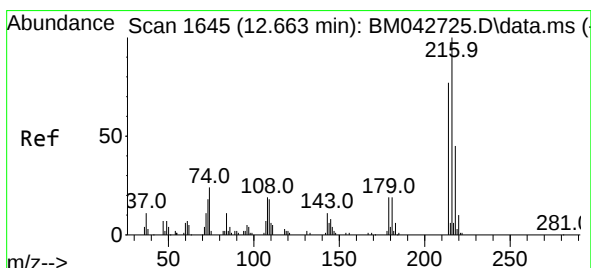
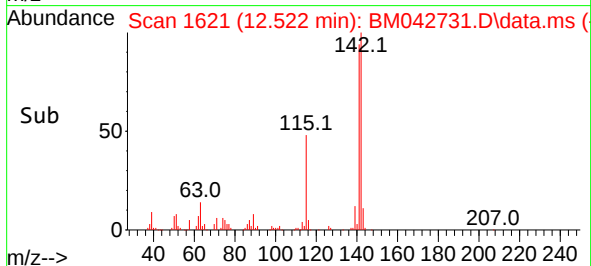
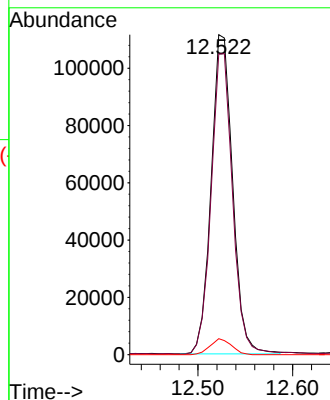
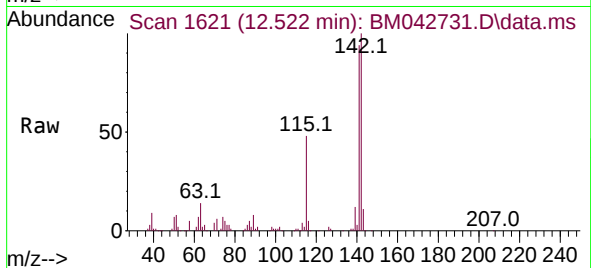
116 5.0 3.9 5.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#39

1,2,4,5-Tetrachlorobenzene

Concen: 37.699 ng/ul

RT: 12.657 min Scan# 1644

Delta R.T. -0.011 min

Lab File: BM042731.D

Acq: 14 Nov 2023 12:24

Tgt Ion:216 Resp: 92222

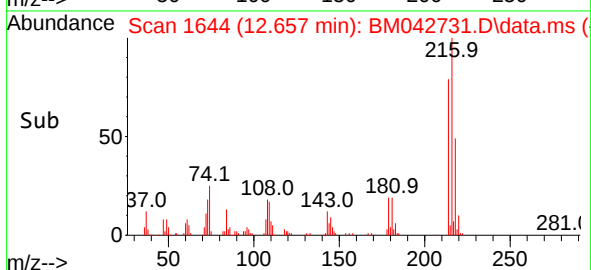
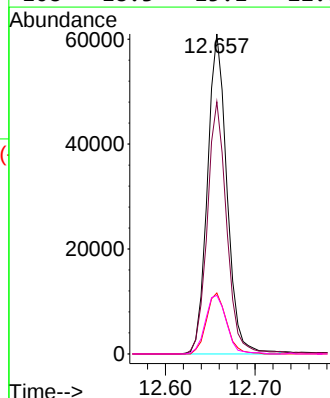
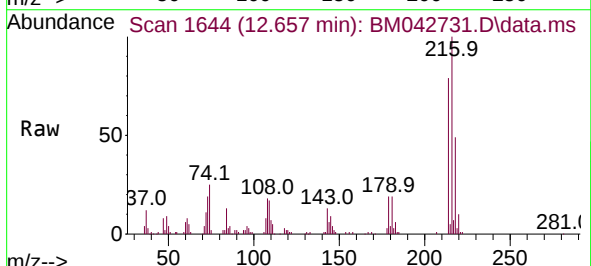
Ion Ratio Lower Upper

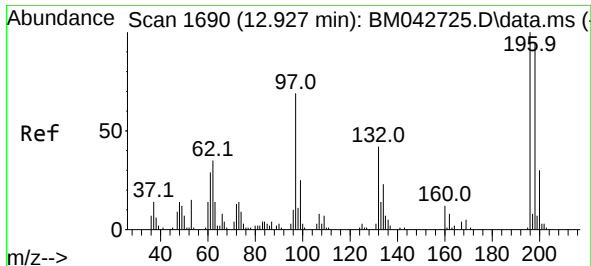
216 100

214 78.8 64.1 96.1

179 19.0 15.5 23.3

108 18.3 15.1 22.7





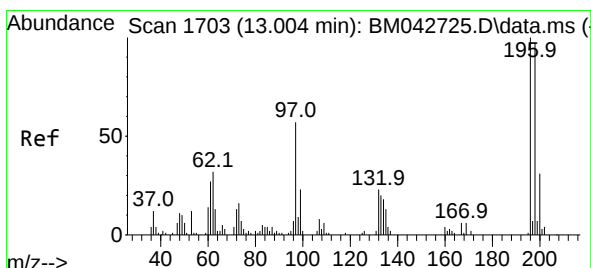
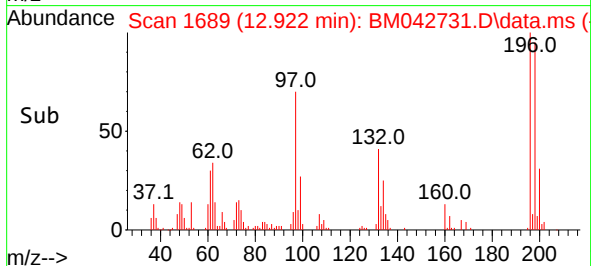
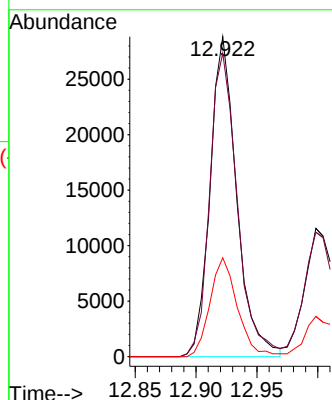
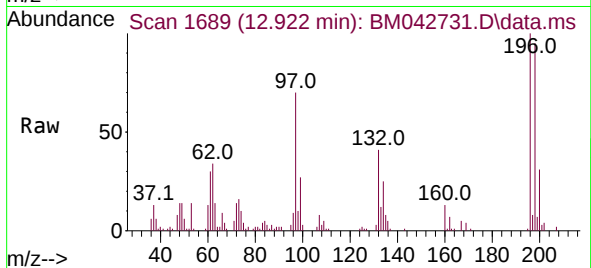
#41
2,4,6-Trichlorophenol
Concen: 29.313 ng/ul
RT: 12.922 min Scan# 1690
Delta R.T. -0.006 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

Instrument :
BNA_M
ClientSampleId :
A4A89

Tgt Ion:196 Resp: 4380
Ion Ratio Lower Upper
196 100
198 94.8 81.0 121.4
200 30.9 24.1 36.1

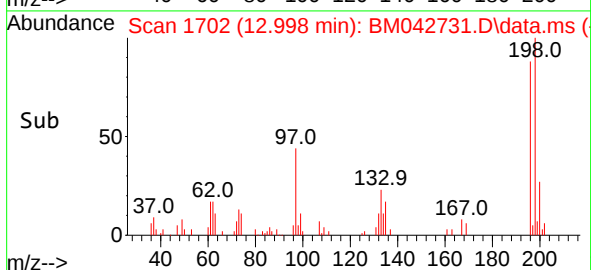
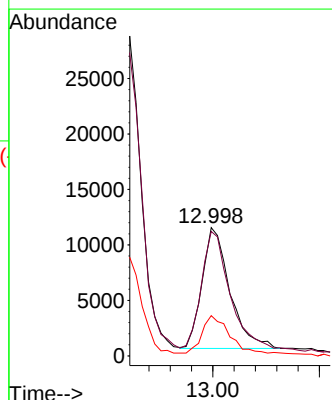
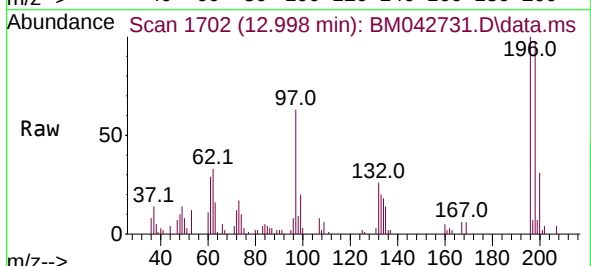
Manual Integrations
APPROVED

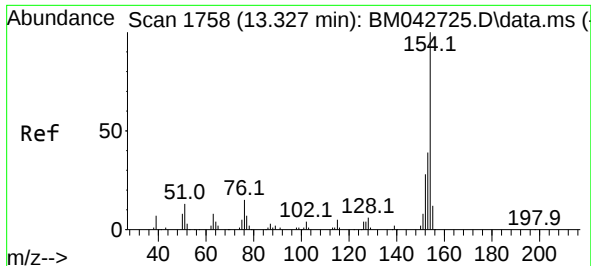
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#42
2,4,5-Trichlorophenol
Concen: 13.714 ng/ul
RT: 12.998 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

Tgt Ion:196 Resp: 19787
Ion Ratio Lower Upper
196 100
198 97.0 77.4 116.0
200 31.4 26.2 39.4





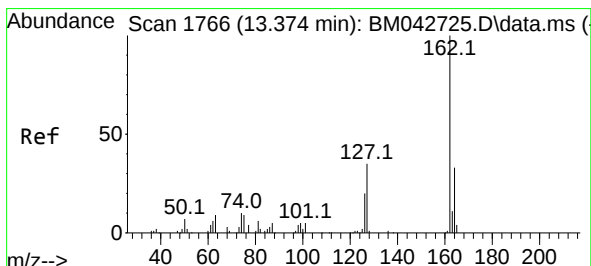
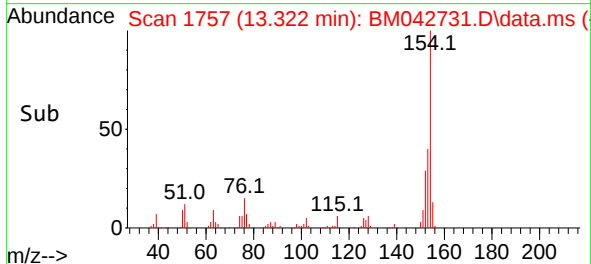
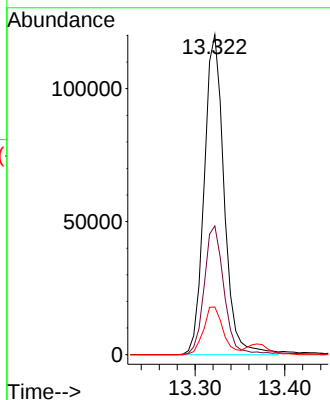
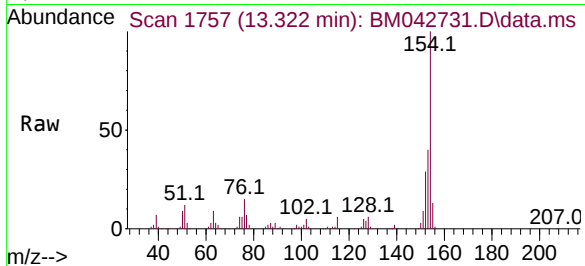
#43
1,1'-Biphenyl
Concen: 35.734 ng/ul
RT: 13.322 min Scan# 1758
Delta R.T. -0.011 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

Instrument :
BNA_M
ClientSampleId :
A4A89

Tgt Ion:154 Resp: 185885
Ion Ratio Lower Upper
154 100
153 40.2 32.4 48.6
76 14.9 10.7 16.1

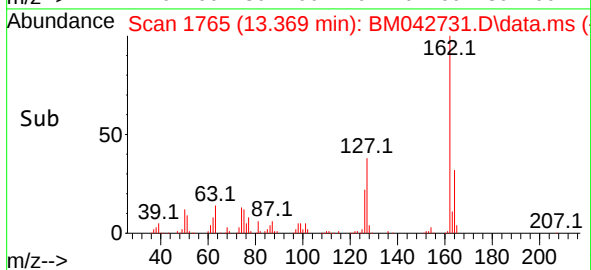
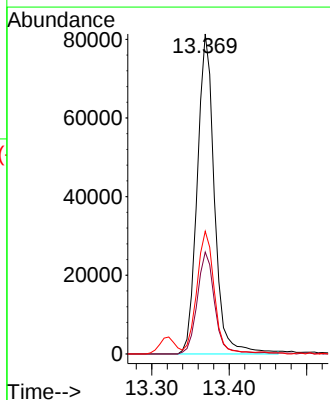
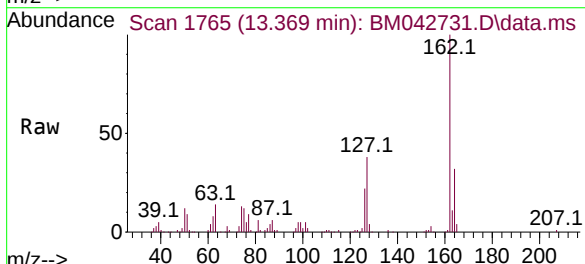
Manual Integrations
APPROVED

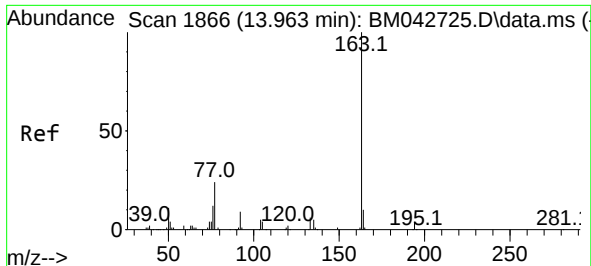
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#44
2-Chloronaphthalene
Concen: 30.016 ng/ul
RT: 13.369 min Scan# 1765
Delta R.T. -0.011 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

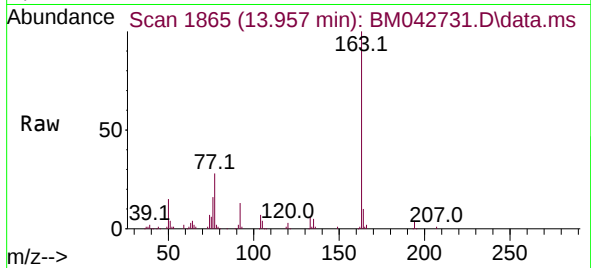
Tgt Ion:162 Resp: 125612
Ion Ratio Lower Upper
162 100
164 31.8 24.2 36.2
127 38.3 30.8 46.2





#47
Dimethylphthalate
Concen: 17.824 ng/ul
RT: 13.957 min Scan# 1865
Delta R.T. -0.006 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

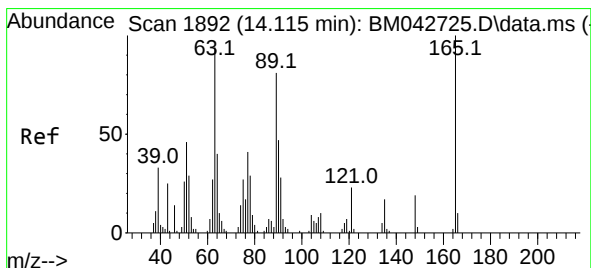
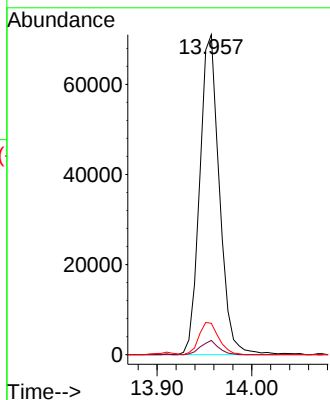
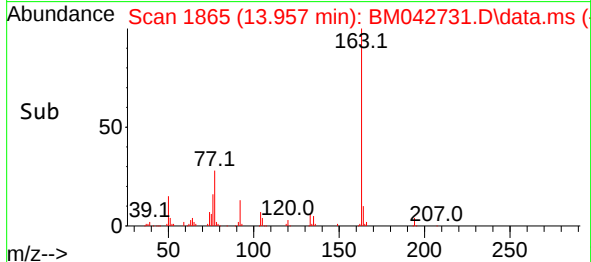
Instrument :
BNA_M
ClientSampleId :
A4A89



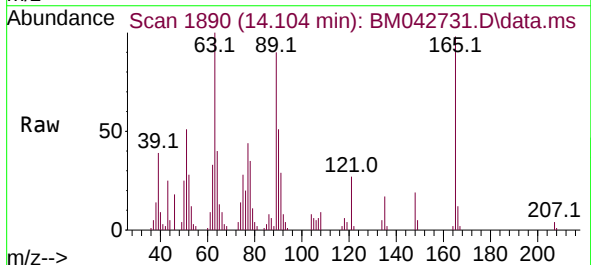
Tgt Ion:163 Resp: 102488
Ion Ratio Lower Upper
163 100
194 4.4 3.2 4.8
164 9.8 7.9 11.9

Manual Integrations
APPROVED

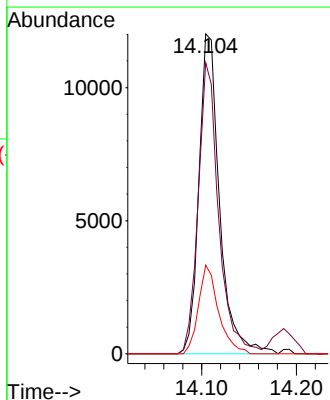
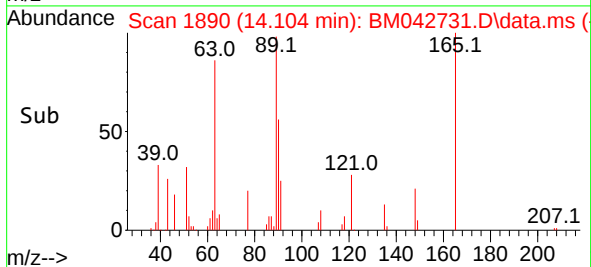
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

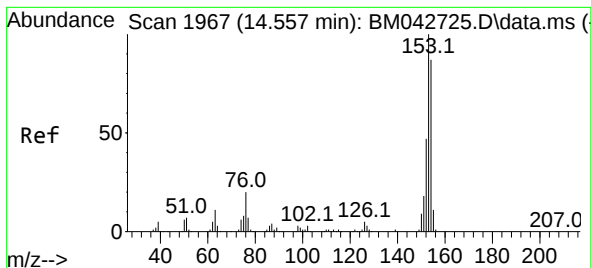


#48
2,6-Dinitrotoluene
Concen: 16.900 ng/ul
RT: 14.104 min Scan# 1890
Delta R.T. -0.011 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24



Tgt Ion:165 Resp: 18256
Ion Ratio Lower Upper
165 100
89 91.0 64.1 96.1
121 27.7 18.4 27.6#





#52

Acenaphthene

Concen: 37.838 ng/ul

RT: 14.551 min Scan# 1967

Delta R.T. -0.011 min

Lab File: BM042731.D

Acq: 14 Nov 2023 12:24

Instrument :

BNA_M

ClientSampleId :

A4A89

Tgt Ion:153 Resp: 181119

Ion Ratio Lower Upper

153 100

152 46.4 38.2 57.2

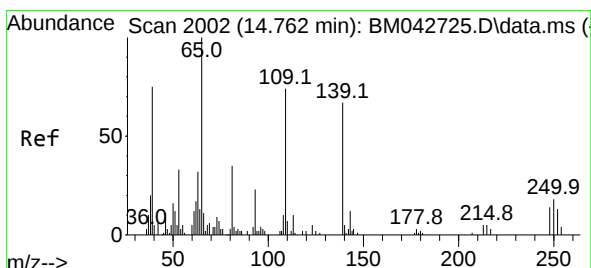
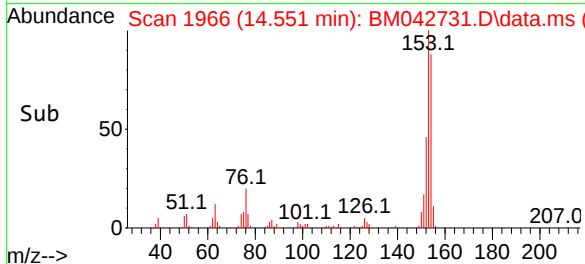
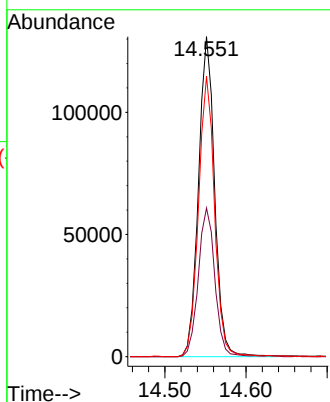
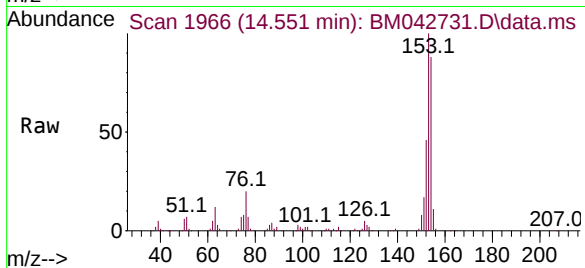
154 87.6 71.3 106.9

Manual Integrations

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Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#55

4-Nitrophenol

Concen: 20.321 ng/ul

RT: 14.751 min Scan# 2000

Delta R.T. -0.006 min

Lab File: BM042731.D

Acq: 14 Nov 2023 12:24

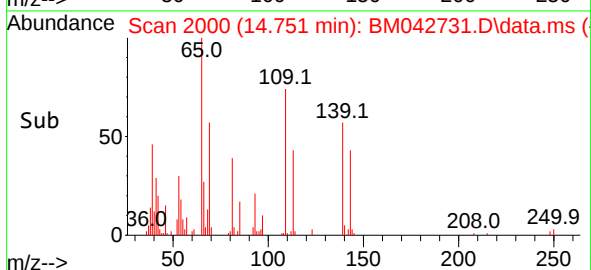
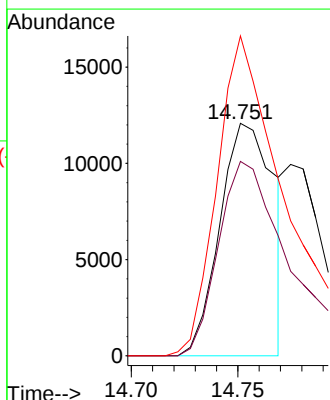
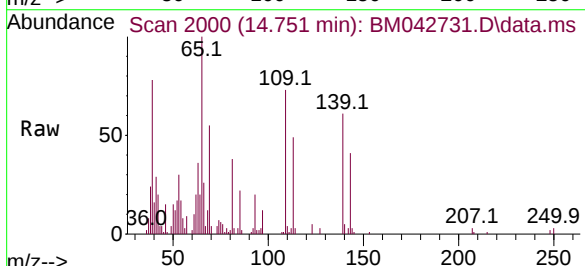
Tgt Ion:109 Resp: 21328

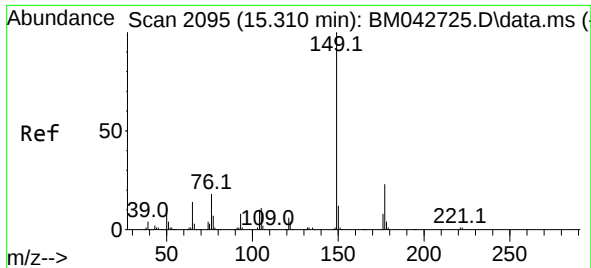
Ion Ratio Lower Upper

109 100

139 83.6 67.1 100.7

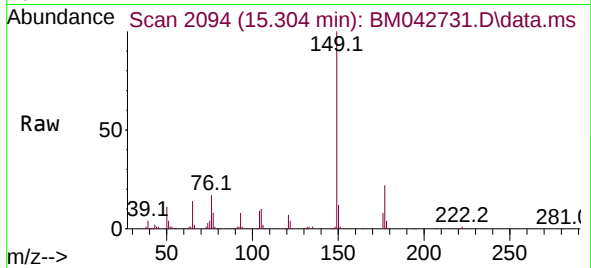
65 137.6 107.1 160.7





#59
Diethylphthalate
Concen: 22.371 ng/ul
RT: 15.304 min Scan# 2094
Delta R.T. -0.012 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

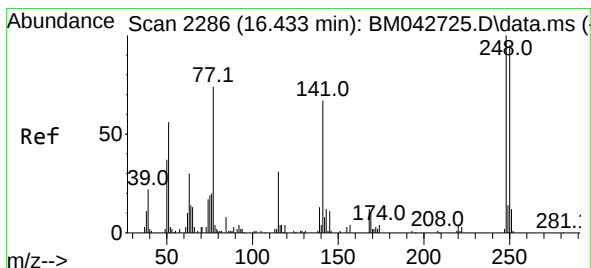
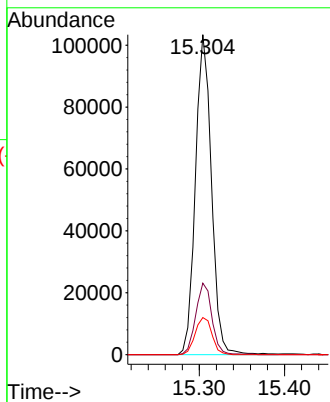
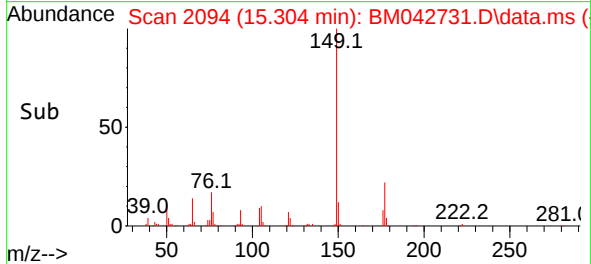
Instrument :
BNA_M
ClientSampleId :
A4A89



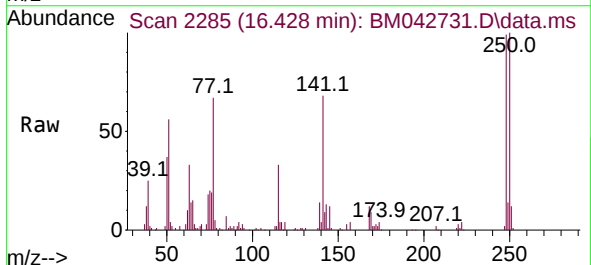
Tgt Ion:149 Resp: 134886
Ion Ratio Lower Upper
149 100
177 22.3 17.0 25.6
150 11.6 9.7 14.5

Manual Integrations
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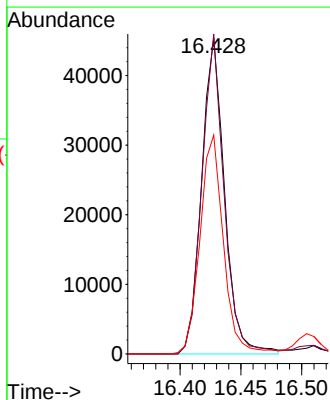
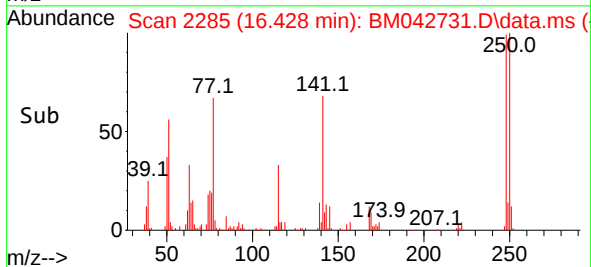
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

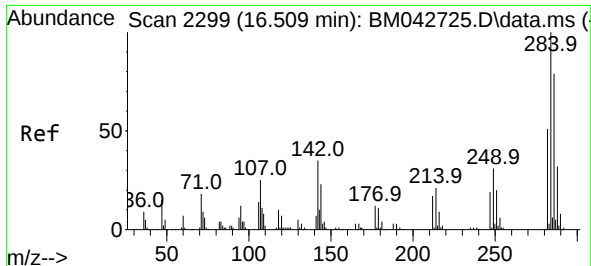


#68
4-Bromophenyl-phenylether
Concen: 31.096 ng/ul
RT: 16.428 min Scan# 2285
Delta R.T. -0.006 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24



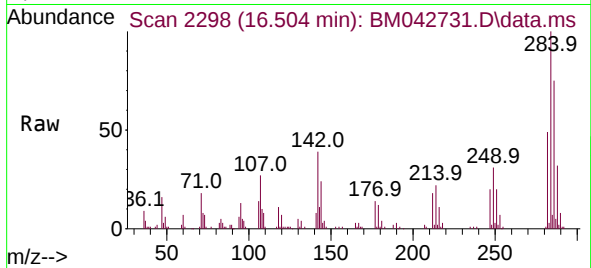
Tgt Ion:248 Resp: 59674
Ion Ratio Lower Upper
248 100
250 101.2 84.3 126.5
141 69.2 60.1 90.1





#69
Hexachlorobenzene
Concen: 22.854 ng/ul
RT: 16.504 min Scan# 21
Delta R.T. -0.011 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

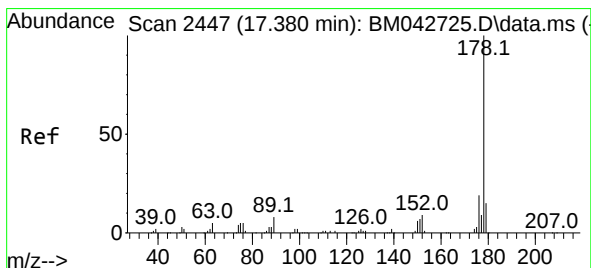
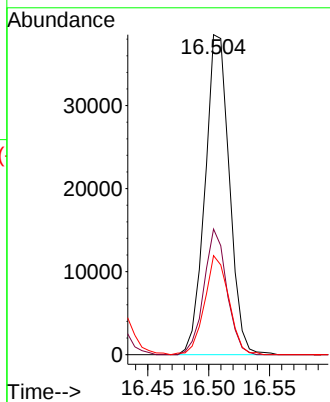
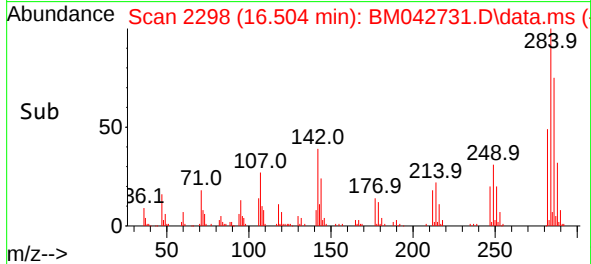
Instrument :
BNA_M
ClientSampleId :
A4A89



Tgt Ion:284 Resp: 53614
Ion Ratio Lower Upper
284 100
142 39.2 30.5 45.7
249 30.9 25.3 37.9

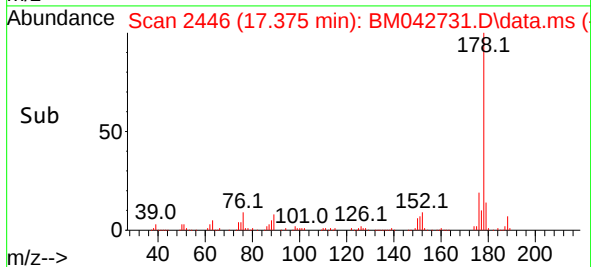
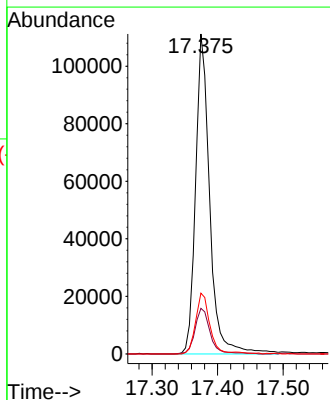
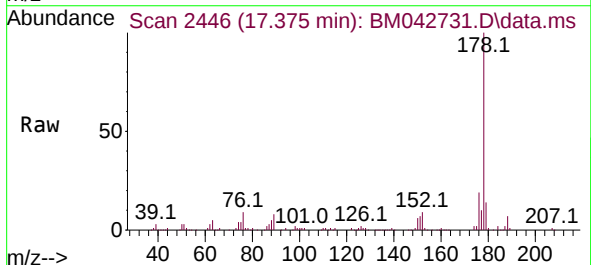
Manual Integrations
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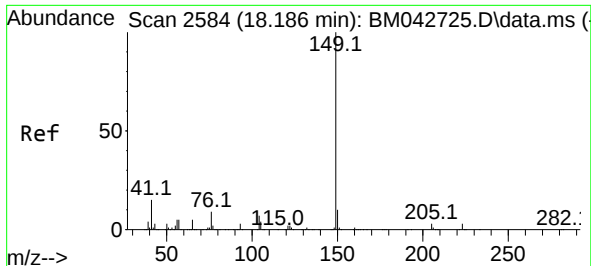
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#74
Anthracene
Concen: 18.298 ng/ul
RT: 17.375 min Scan# 2446
Delta R.T. -0.011 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

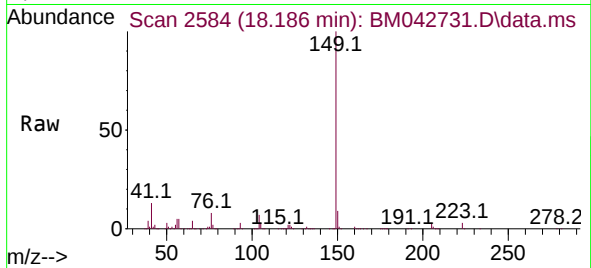
Tgt Ion:178 Resp: 165764
Ion Ratio Lower Upper
178 100
179 14.2 12.0 18.0
176 19.0 15.7 23.5





#78
Di-n-butylphthalate
Concen: 36.813 ng/ul
RT: 18.186 min Scan# 2584
Delta R.T. -0.006 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

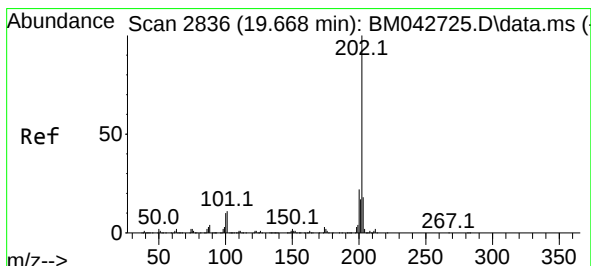
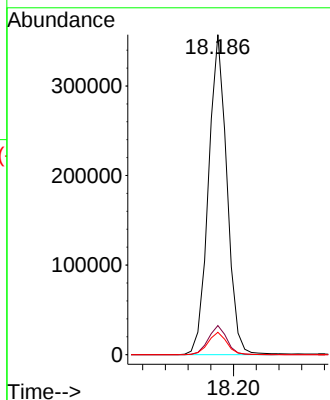
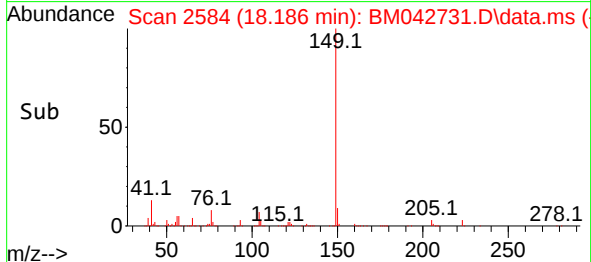
Instrument :
BNA_M
ClientSampleId :
A4A89



Tgt Ion:149 Resp: 402687
Ion Ratio Lower Upper
149 100
150 9.1 7.7 11.5
104 7.0 5.3 7.9

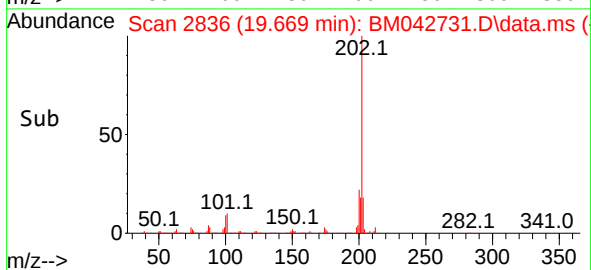
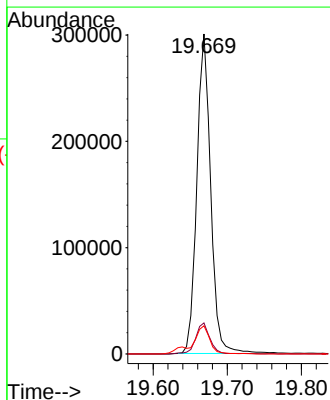
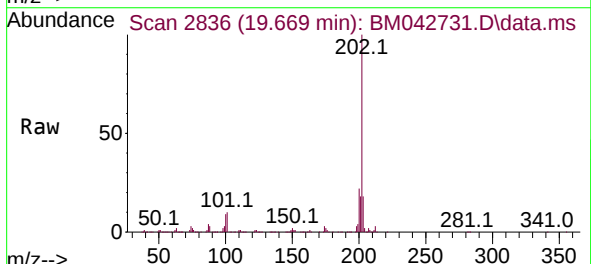
Manual Integrations
APPROVED

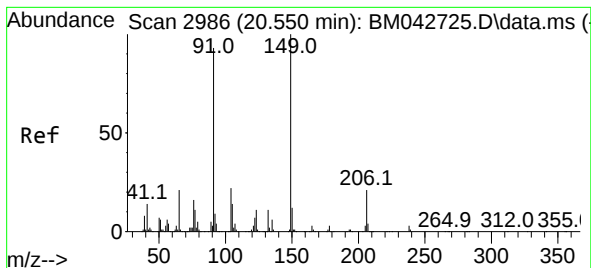
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#82
Pyrene
Concen: 30.368 ng/ul
RT: 19.669 min Scan# 2836
Delta R.T. -0.006 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

Tgt Ion:202 Resp: 390019
Ion Ratio Lower Upper
202 100
101 9.7 8.1 12.1
100 8.8 6.9 10.3





#83

Butylbenzylphthalate

Concen: 11.997 ng/ul

RT: 20.551 min Scan# 29

Delta R.T. -0.006 min

Lab File: BM042731.D

Acq: 14 Nov 2023 12:24

Instrument :

BNA_M

ClientSampleId :

A4A89

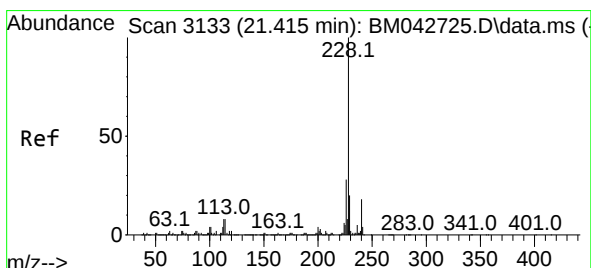
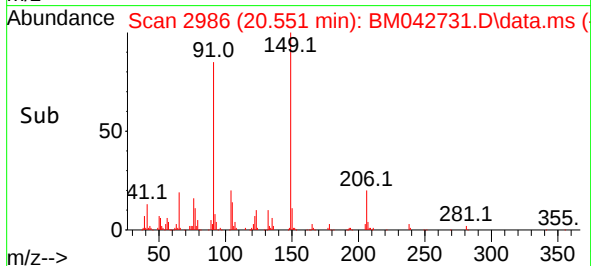
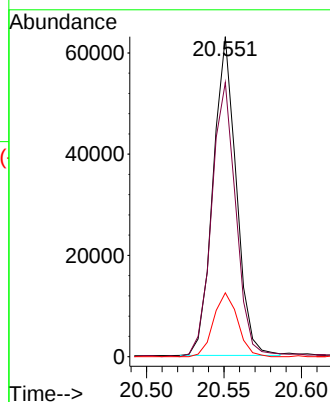
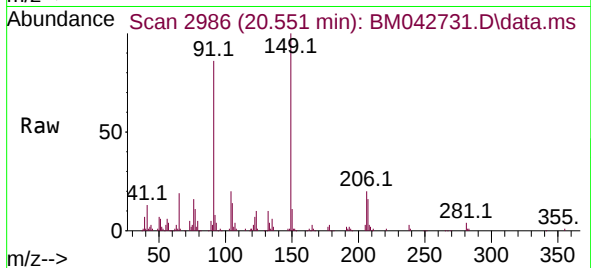
Tgt Ion:	149	Resp:	65808
Ion Ratio	Lower	Upper	
149	100		
91	85.7	69.3	103.9
206	19.9	16.6	25.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#85

Benzo(a)anthracene

Concen: 14.249 ng/ul

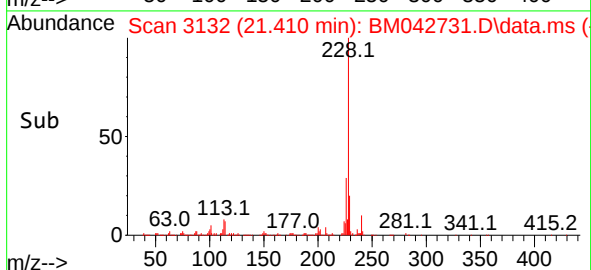
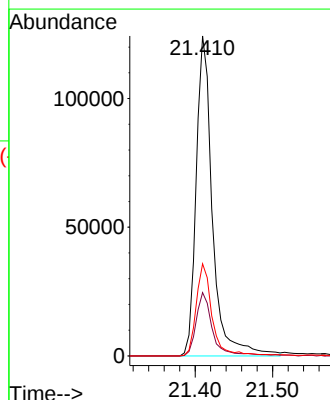
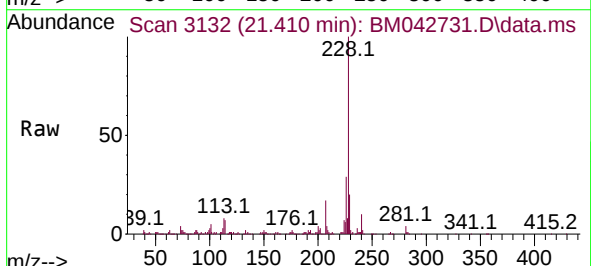
RT: 21.410 min Scan# 3132

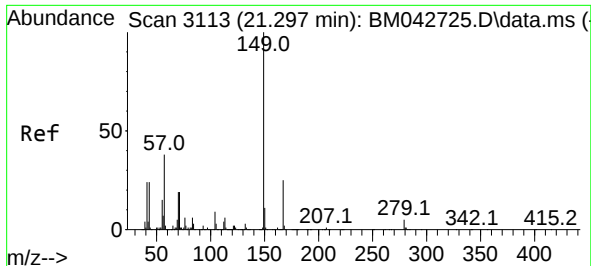
Delta R.T. -0.006 min

Lab File: BM042731.D

Acq: 14 Nov 2023 12:24

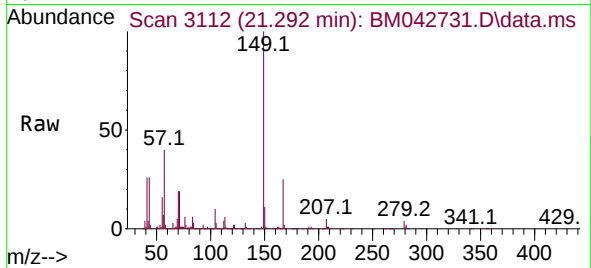
Tgt Ion:	228	Resp:	181456
Ion Ratio	Lower	Upper	
228	100		
229	19.8	15.8	23.6
226	28.8	22.5	33.7





#86
Bis(2-ethylhexyl)phthalate
Concen: 46.394 ng/ul
RT: 21.292 min Scan# 3113
Delta R.T. -0.006 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

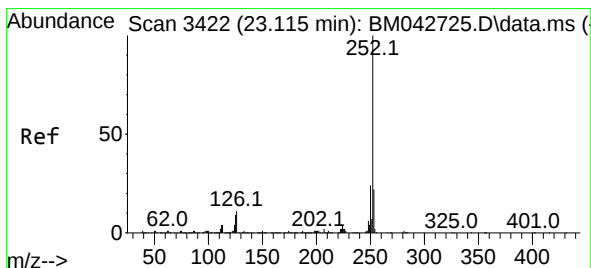
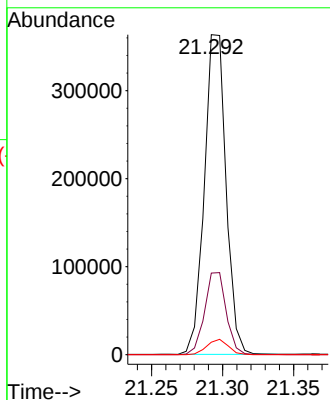
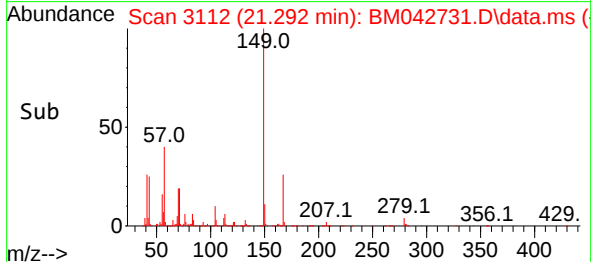
Instrument :
BNA_M
ClientSampleId :
A4A89



Tgt Ion:149 Resp: 386128
Ion Ratio Lower Upper
149 100
167 25.5 20.6 31.0
279 3.9 3.5 5.3

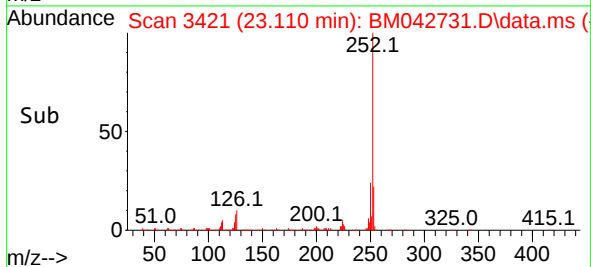
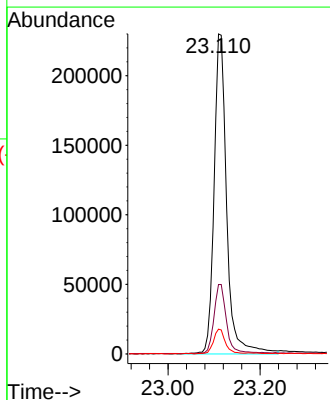
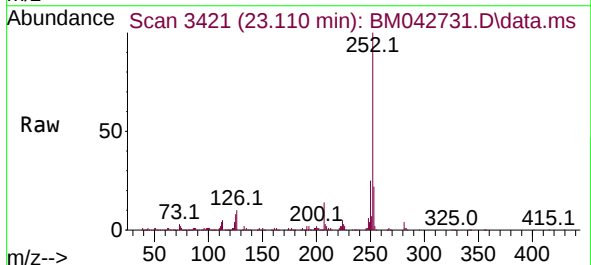
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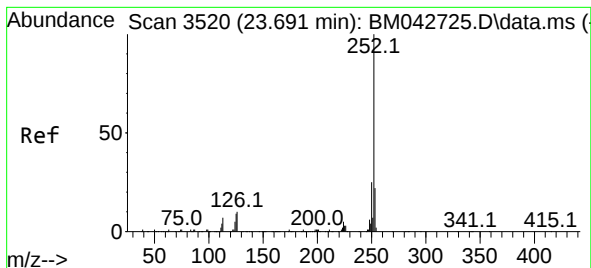
Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023



#91
Benzo(k)fluoranthene
Concen: 30.163 ng/ul
RT: 23.110 min Scan# 3421
Delta R.T. -0.011 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

Tgt Ion:252 Resp: 436378
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 7.7 5.5 8.3





#93

Benzo(a)pyrene

Concen: 30.055 ng/ul

RT: 23.692 min Scan# 3957

Delta R.T. -0.006 min

Lab File: BM042731.D

Acq: 14 Nov 2023 12:24

Instrument :

BNA_M

ClientSampleId :

A4A89

Tgt Ion:252 Resp: 398018

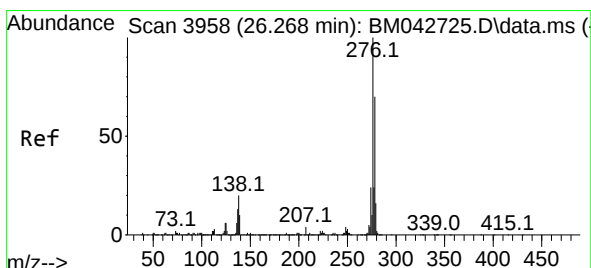
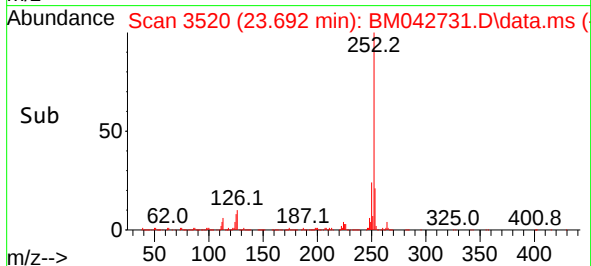
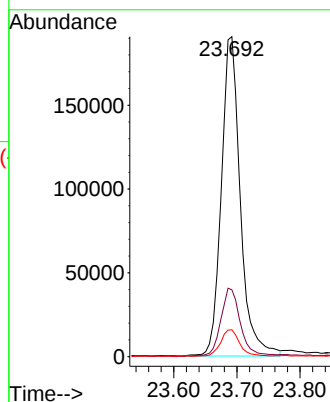
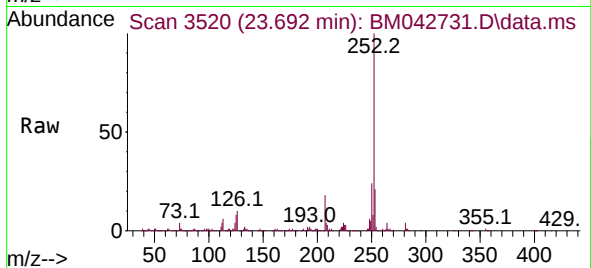
Ion	Ratio	Lower	Upper
252	100		
253	20.9	17.0	25.6
125	8.4	6.3	9.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 11/15/2023

Supervised By :mohammad ahmed 11/19/2023



#94

Indeno(1,2,3-cd)pyrene

Concen: 27.061 ng/ul

RT: 26.262 min Scan# 3957

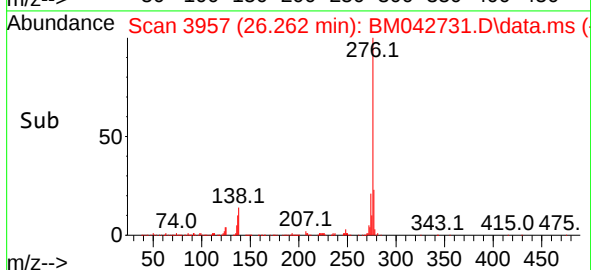
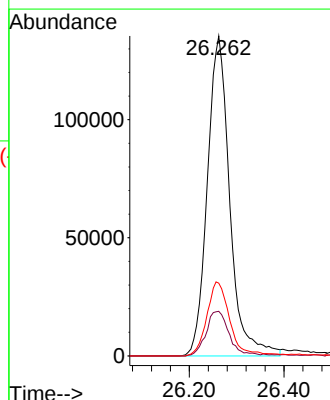
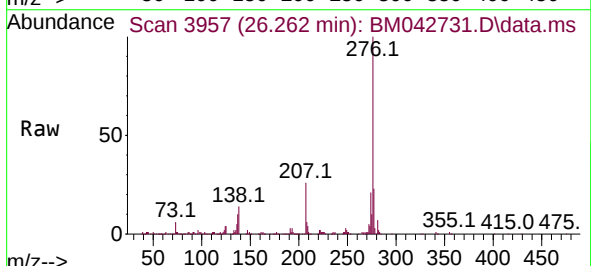
Delta R.T. -0.017 min

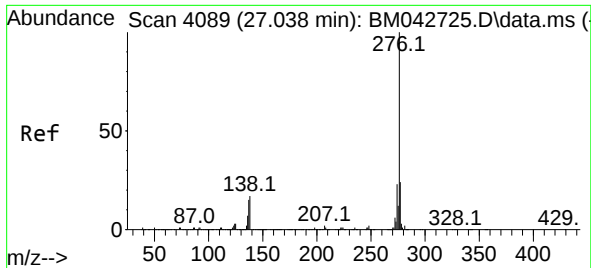
Lab File: BM042731.D

Acq: 14 Nov 2023 12:24

Tgt Ion:276 Resp: 445380

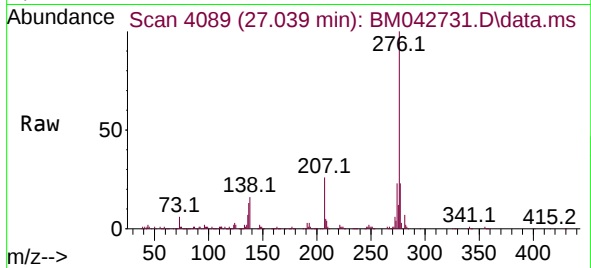
Ion	Ratio	Lower	Upper
276	100		
138	13.9	13.8	20.8
277	22.7	19.7	29.5





#96
Benzo(g,h,i)perylene
Concen: 35.899 ng/ul
RT: 27.039 min Scan# 4089
Delta R.T. -0.011 min
Lab File: BM042731.D
Acq: 14 Nov 2023 12:24

Instrument :
BNA_M
ClientSampleId :
A4A89



Tgt Ion:276 Resp: 46918
Ion Ratio Lower Upper
276 100
138 16.1 13.0 19.6
277 22.9 18.4 27.6

Manual Integrations
APPROVED

Reviewed By :Yogesh Patel 11/15/2023
Supervised By :mohammad ahmed 11/19/2023

