

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102524\
 Data File : BM048232.D
 Acq On : 25 Oct 2024 12:19
 Operator : RC/JU
 Sample : PB164369BS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB164369BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/25/2024
 Supervised By :mohammad ahmed 10/28/2024

Quant Time: Oct 25 13:07:01 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 23 18:21:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.716	152	603416	20.000	ng	0.00
21) Naphthalene-d8	10.510	136	2299200	20.000	ng	0.00
39) Acenaphthene-d10	14.368	164	1298776	20.000	ng	0.00
64) Phenanthrene-d10	17.109	188	2277273	20.000	ng	0.00
76) Chrysene-d12	21.339	240	1649364	20.000	ng	0.00
86) Perylene-d12	24.285	264	1859426	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.310	112	2322651	64.702	ng	0.00
7) Phenol-d6	6.904	99	2788862	59.655	ng	0.00
23) Nitrobenzene-d5	8.880	82	1666294	40.920	ng	0.00
42) 2,4,6-Tribromophenol	15.857	330	886254	55.749	ng	0.00
45) 2-Fluorobiphenyl	12.986	172	3490524	41.240	ng	0.00
79) Terphenyl-d14	19.733	244	3897811	48.227	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.204	88	256836	17.479	ng	98
3) Pyridine	3.604	79	683376	17.507	ng	99
4) n-Nitrosodimethylamine	3.510	42	359445	21.688	ng	98
6) Aniline	7.051	93	844047	21.750	ng	99
8) 2-Chlorophenol	7.286	128	846106	21.695	ng	99
9) Benzaldehyde	6.863	77	139168	6.059	ng	98
10) Phenol	6.928	94	1027361	21.843	ng	98
11) bis(2-Chloroethyl)ether	7.145	93	795636	21.237	ng	99
12) 1,3-Dichlorobenzene	7.610	146	890861	19.813	ng	99
13) 1,4-Dichlorobenzene	7.757	146	910202	19.926	ng	98
14) 1,2-Dichlorobenzene	8.069	146	870482	19.718	ng	99
15) Benzyl Alcohol	7.969	79	678423	22.747	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.239	45	1170824	21.367	ng	98
17) 2-Methylphenol	8.175	107	659256	21.093	ng	99
18) Hexachloroethane	8.792	117	328232	19.605	ng	100
19) n-Nitroso-di-n-propyla...	8.533	70	578373	19.555	ng	99
20) 3+4-Methylphenols	8.504	107	887725	20.504	ng	98
22) Acetophenone	8.545	105	1161984	20.708	ng	# 99
24) Nitrobenzene	8.922	77	850606	20.161	ng	98
25) Isophorone	9.451	82	1530573	20.506	ng	99
26) 2-Nitrophenol	9.628	139	425395	21.837	ng	97
27) 2,4-Dimethylphenol	9.698	122	625019	26.445	ng	100
28) bis(2-Chloroethoxy)met...	9.927	93	986928	20.895	ng	98
29) 2,4-Dichlorophenol	10.169	162	737520	21.692	ng	100
30) 1,2,4-Trichlorobenzene	10.375	180	761833	19.565	ng	99
31) Naphthalene	10.557	128	2390076	19.931	ng	99
32) Benzoic acid	9.869	122	480785	18.275	ng	99
33) 4-Chloroaniline	10.680	127	330765	8.505	ng	99
34) Hexachlorobutadiene	10.845	225	474985	19.681	ng	97
35) Caprolactam	11.474	113	197248m	17.859	ng	
36) 4-Chloro-3-methylphenol	11.816	107	705238	19.870	ng	100
37) 2-Methylnaphthalene	12.174	142	1612196	20.122	ng	99
38) 1-Methylnaphthalene	12.398	142	1493285	18.796	ng	100
40) 1,2,4,5-Tetrachloroben...	12.551	216	798435	21.509	ng	# 98
41) Hexachlorocyclopentadiene	12.527	237	1094029	87.091	ng	97
43) 2,4,6-Trichlorophenol	12.798	196	547468	22.223	ng	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.868	196	585202	21.302	ng	100
46) 1,1'-Biphenyl	13.198	154	1942561	20.949	ng	100
47) 2-Chloronaphthalene	13.239	162	1515755	20.731	ng	98
48) 2-Nitroaniline	13.445	65	429409	21.654	ng	97
49) Acenaphthylene	14.086	152	2361177	22.135	ng	99
50) Dimethylphthalate	13.827	163	1802937	20.335	ng	99
51) 2,6-Dinitrotoluene	13.945	165	389993	19.713	ng	95
52) Acenaphthene	14.427	154	1404831	20.727	ng	99
53) 3-Nitroaniline	14.274	138	234067	12.546	ng	99
54) 2,4-Dinitrophenol	14.486	184	470124	40.666	ng	95
55) Dibenzofuran	14.768	168	2181958	20.263	ng	100
56) 4-Nitrophenol	14.604	139	677310	40.677	ng	96
57) 2,4-Dinitrotoluene	14.739	165	523160	20.025	ng	98
58) Fluorene	15.415	166	1662732	19.528	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.998	232	468269	20.565	ng	98
60) Diethylphthalate	15.192	149	1757354	19.576	ng	100
61) 4-Chlorophenyl-phenyle...	15.409	204	846419	19.881	ng	97
62) 4-Nitroaniline	15.445	138	368691	19.095	ng	98
63) Azobenzene	15.704	77	1663024	20.669	ng	99
65) 4,6-Dinitro-2-methylph...	15.504	198	295758	22.384	ng	99
66) n-Nitrosodiphenylamine	15.627	169	1432292	22.911	ng	100
67) 4-Bromophenyl-phenylether	16.304	248	511134	22.138	ng	97
68) Hexachlorobenzene	16.421	284	588177	21.210	ng	98
69) Atrazine	16.580	200	479097	27.389	ng	99
70) Pentachlorophenol	16.762	266	759290	41.705	ng	98
71) Phenanthrene	17.151	178	2425725	21.511	ng	100
72) Anthracene	17.239	178	2463705	22.570	ng	99
73) Carbazole	17.515	167	2166162	20.242	ng	99
74) Di-n-butylphthalate	18.074	149	2751370	20.656	ng	99
75) Fluoranthene	19.168	202	2531360	18.819	ng	99
77) Benzidine	19.356	184	869991	45.704	ng	99
78) Pyrene	19.527	202	2670908	24.194	ng	100
80) Butylbenzylphthalate	20.427	149	1052820	22.806	ng	97
81) Benzo(a)anthracene	21.315	228	2333439	22.139	ng	99
82) 3,3'-Dichlorobenzidine	21.244	252	535488	14.833	ng	99
83) Chrysene	21.380	228	2203286	21.778	ng	100
84) Bis(2-ethylhexyl)phtha...	21.239	149	1534014	22.863	ng	99
85) Di-n-octyl phthalate	22.350	149	2500797	21.520	ng	100
87) Indeno(1,2,3-cd)pyrene	27.615	276	2775096	22.569	ng	100
88) Benzo(b)fluoranthene	23.356	252	2259445	21.193	ng	100
89) Benzo(k)fluoranthene	23.415	252	2234597	21.679	ng	99
90) Benzo(a)pyrene	24.150	252	2135562	23.041	ng	99
91) Dibenzo(a,h)anthracene	27.662	278	2299349	22.456	ng	99
92) Benzo(g,h,i)perylene	28.644	276	2146032	20.467	ng	98

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

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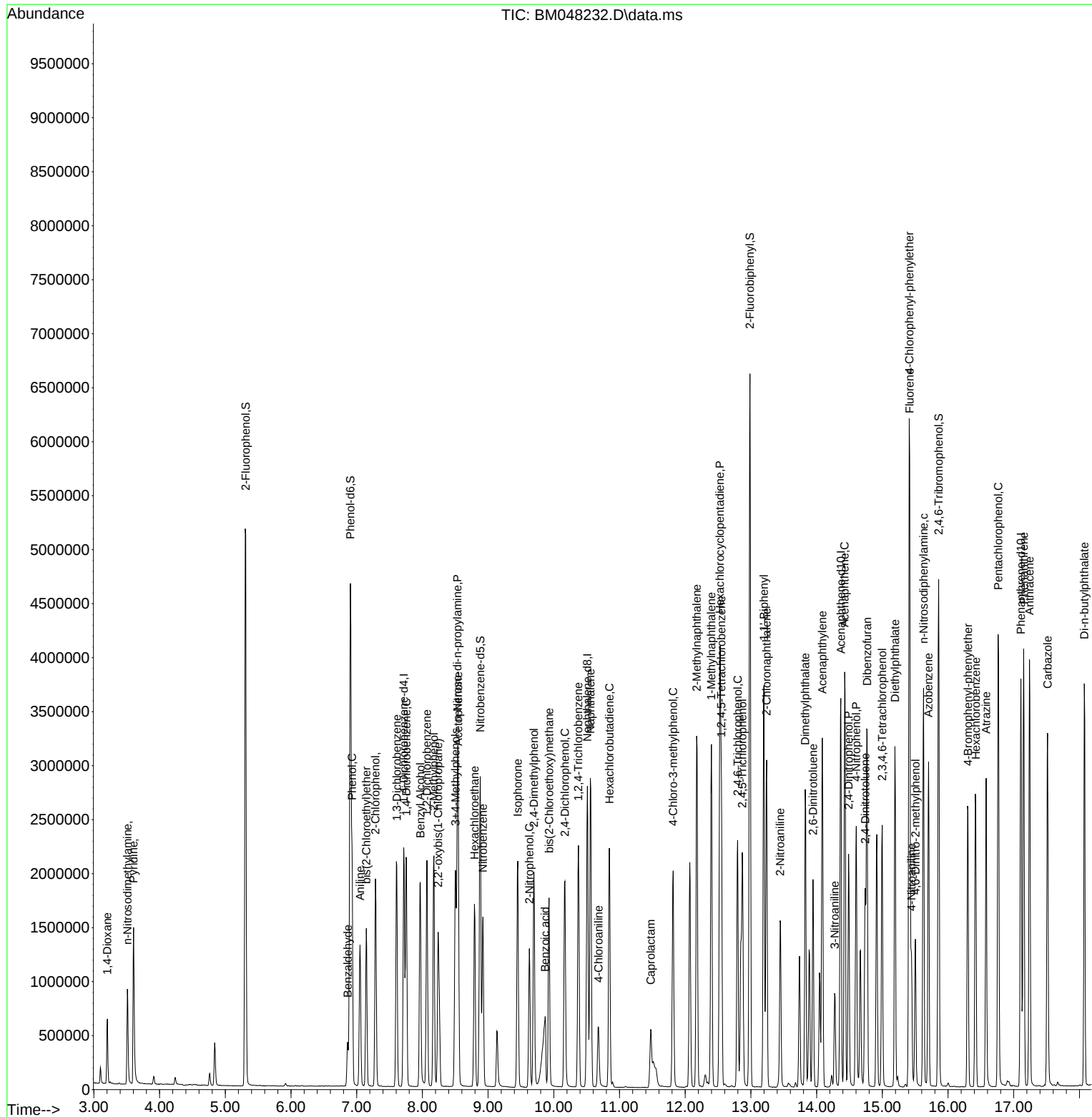
Quant Time: Oct 25 13:07:01 2024

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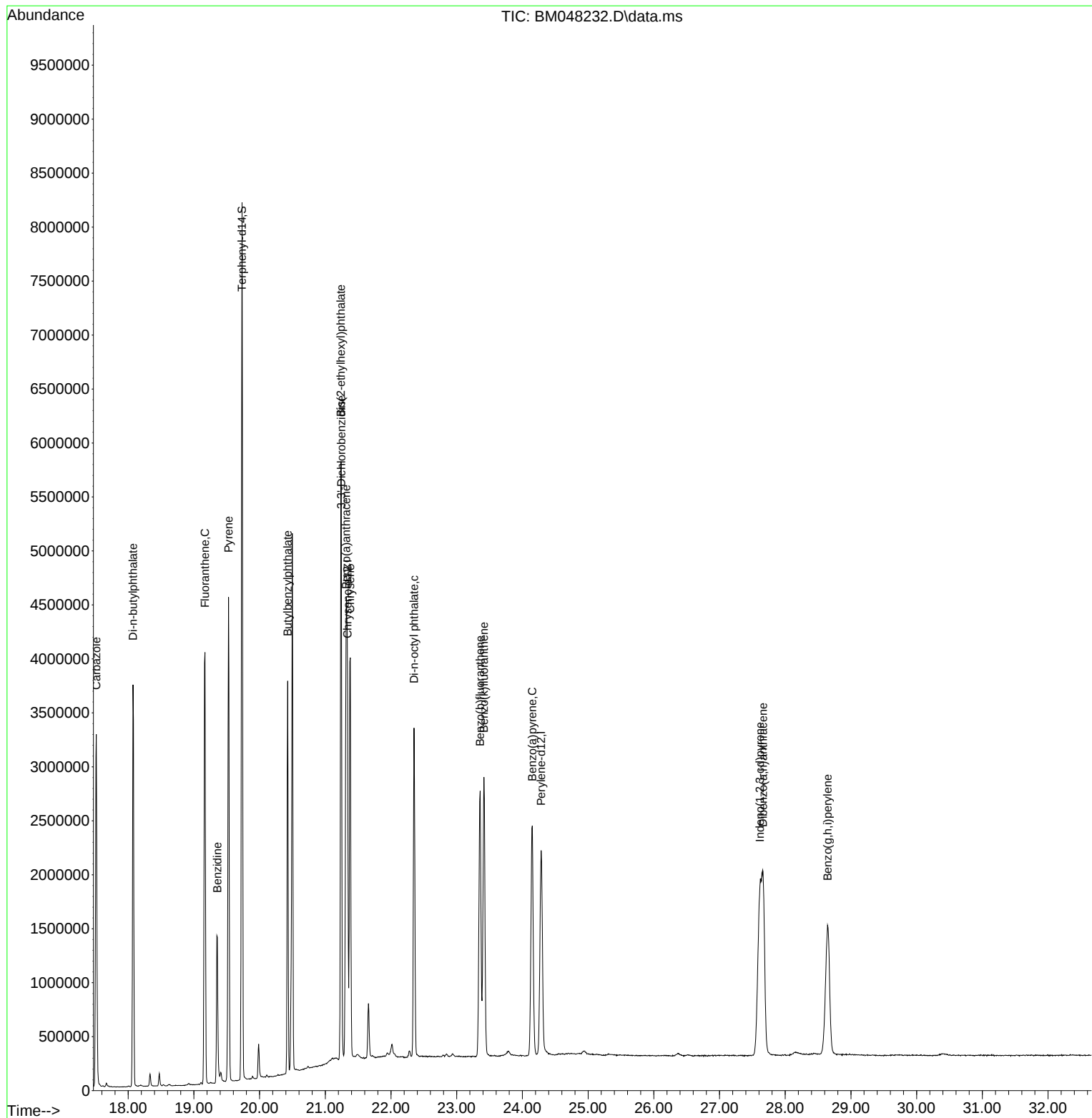
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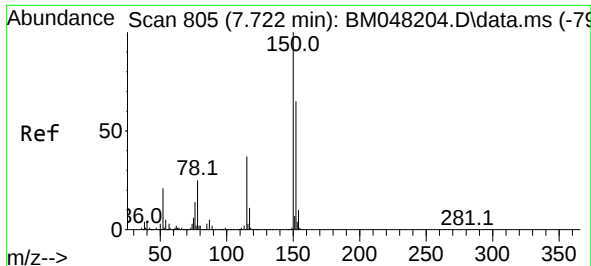
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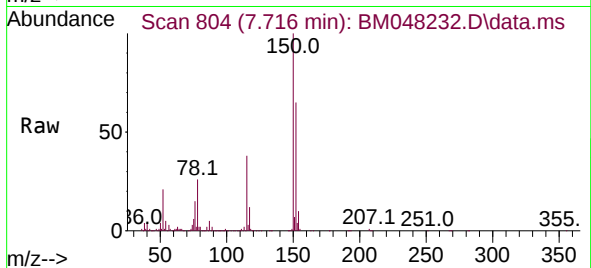
Reviewed By :Yogesh Patel 10/25/2024
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#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.716 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BM048232.D
 Acq: 25 Oct 2024 12:19

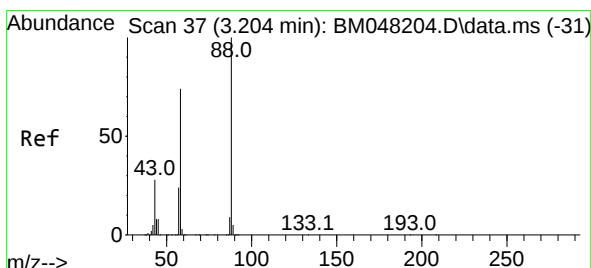
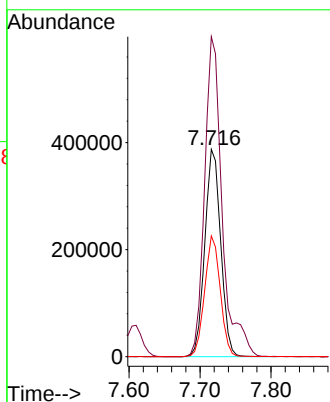
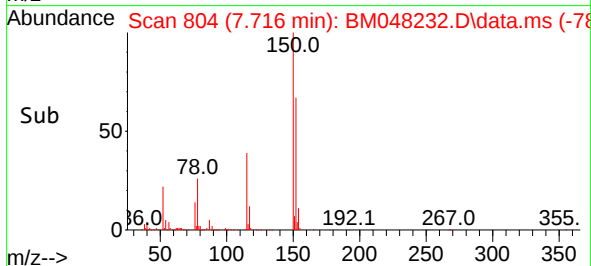
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Tgt Ion:152 Resp: 603410
 Ion Ratio Lower Upper
 152 100
 150 154.3 123.0 184.6
 115 58.3 45.8 68.6

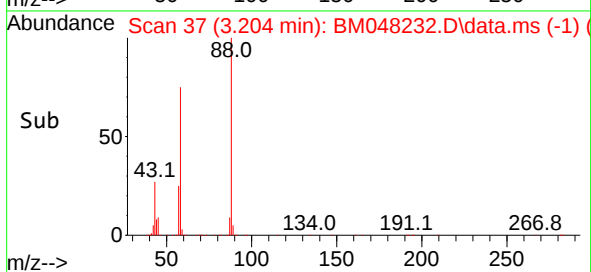
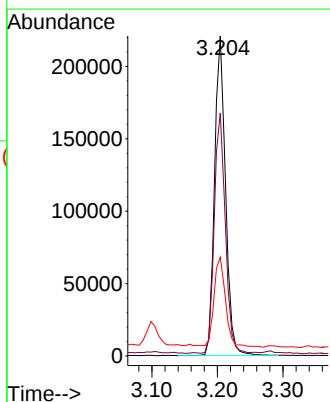
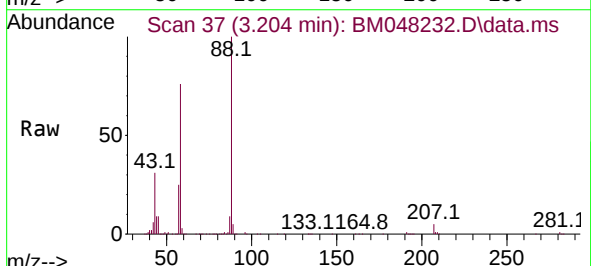
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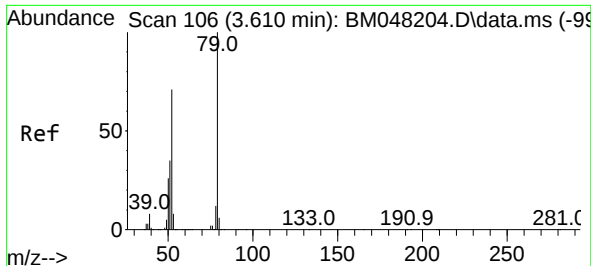
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#2
 1,4-Dioxane
 Concen: 17.479 ng
 RT: 3.204 min Scan# 37
 Delta R.T. 0.000 min
 Lab File: BM048232.D
 Acq: 25 Oct 2024 12:19

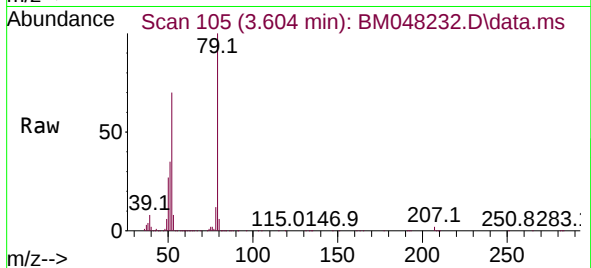
Tgt Ion: 88 Resp: 256836
 Ion Ratio Lower Upper
 88 100
 58 75.6 59.7 89.5
 43 30.1 22.6 33.8





#3
Pyridine
Concen: 17.507 ng
RT: 3.604 min Scan# 106
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

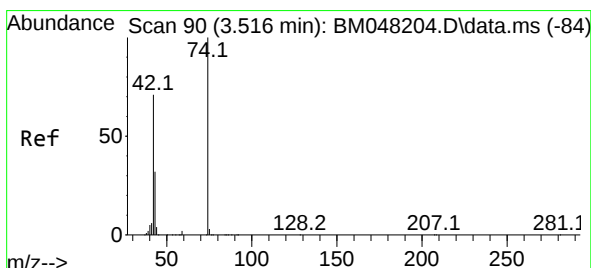
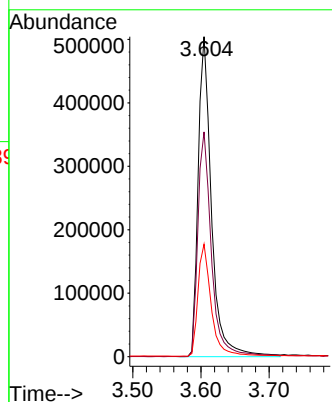
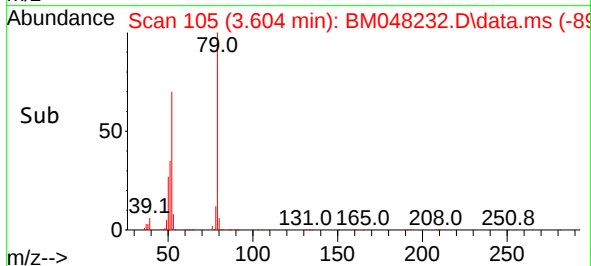
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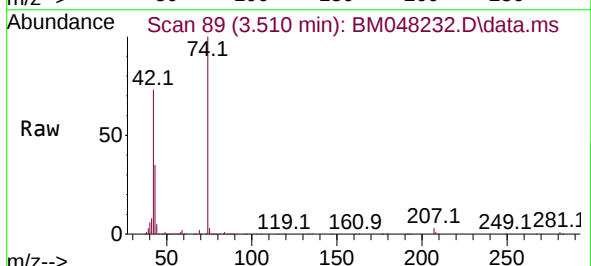
Tgt Ion: 79 Resp: 683370
Ion Ratio Lower Upper
79 100
52 70.3 56.5 84.7
51 35.2 28.5 42.7

Manual Integrations
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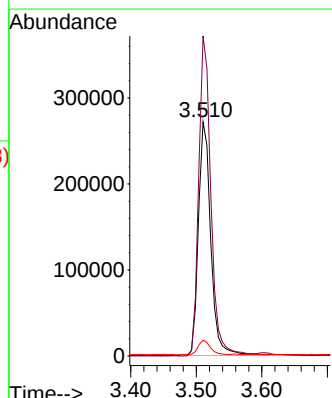
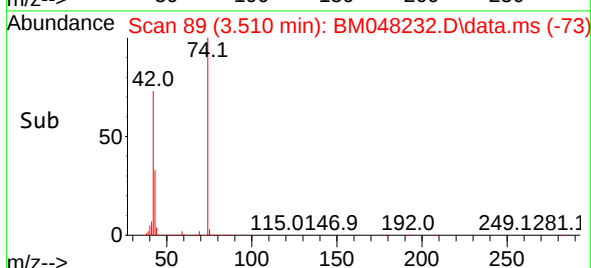
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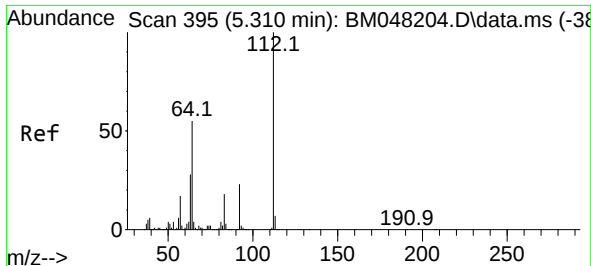


#4
n-Nitrosodimethylamine
Concen: 21.688 ng
RT: 3.510 min Scan# 89
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



Tgt Ion: 42 Resp: 359445
Ion Ratio Lower Upper
42 100
74 136.7 111.8 167.6
44 6.8 6.0 9.0





#5
2-Fluorophenol
Concen: 64.702 ng
RT: 5.310 min Scan# 395
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

Instrument :

BNA_M

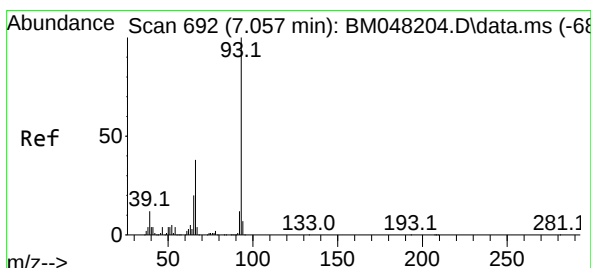
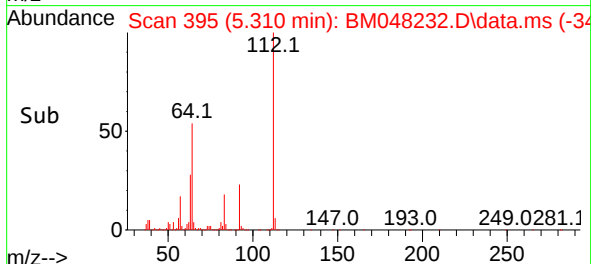
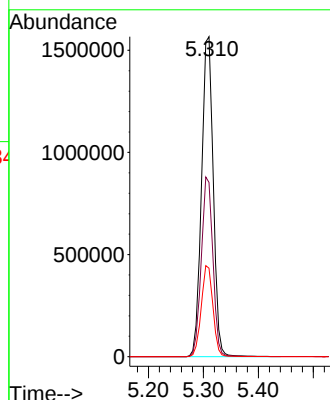
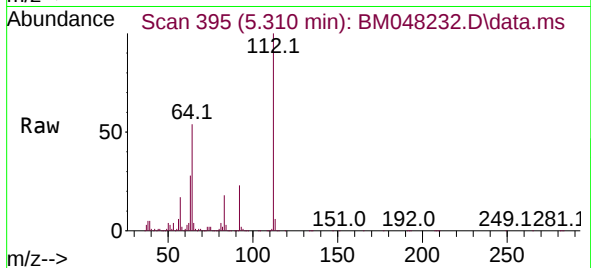
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Tgt Ion:112 Resp: 232265
Ion Ratio Lower Upper
112 100
64 54.5 44.2 66.2
63 27.7 22.7 34.1

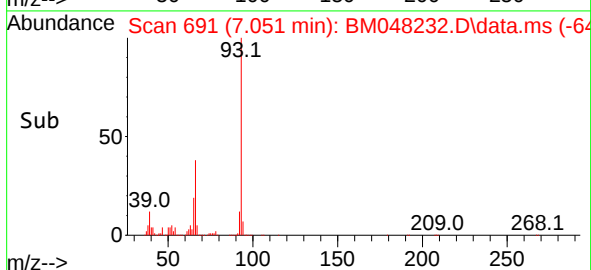
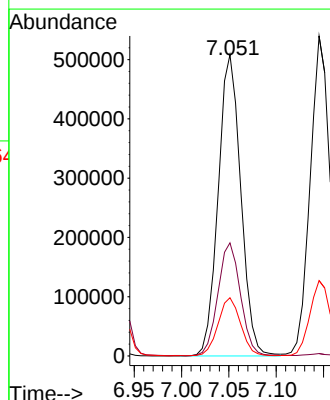
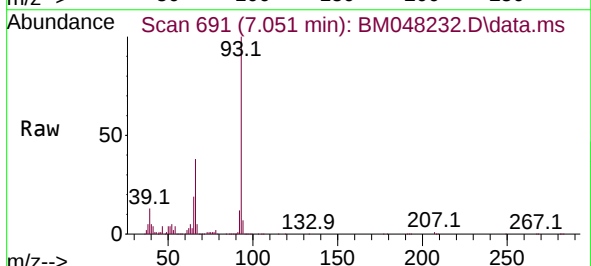
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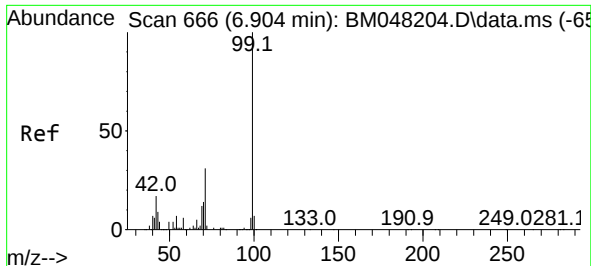
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#6
Aniline
Concen: 21.750 ng
RT: 7.051 min Scan# 691
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

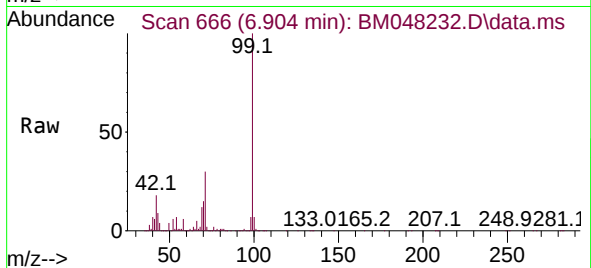
Tgt Ion: 93 Resp: 844047
Ion Ratio Lower Upper
93 100
66 37.6 30.2 45.2
65 19.4 16.2 24.2





#7
Phenol-d6
Concen: 59.655 ng
RT: 6.904 min Scan# 601
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

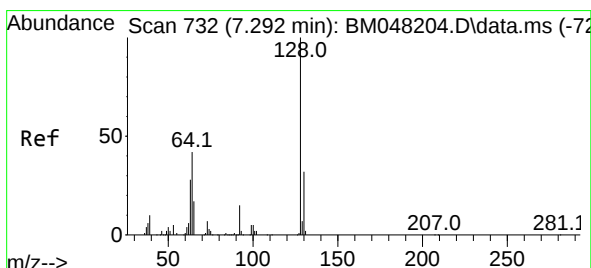
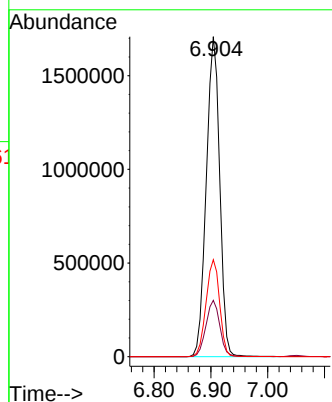
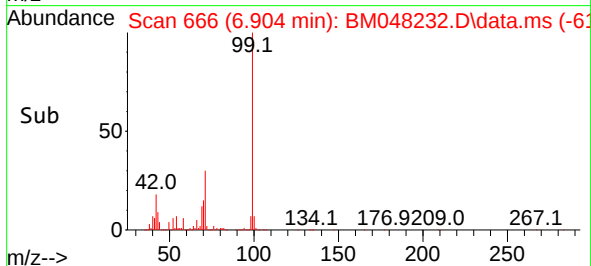
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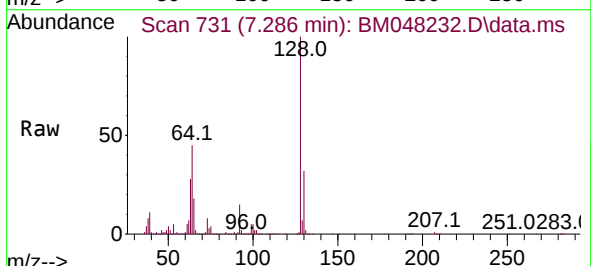
Tgt Ion: 99 Resp: 278886
Ion Ratio Lower Upper
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42 17.6 13.8 20.8
71 30.3 24.9 37.3

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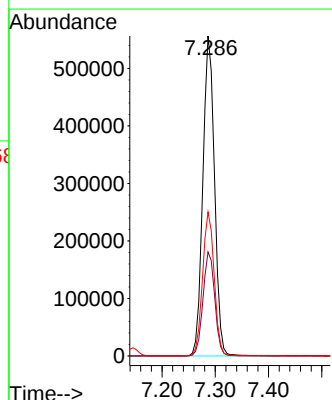
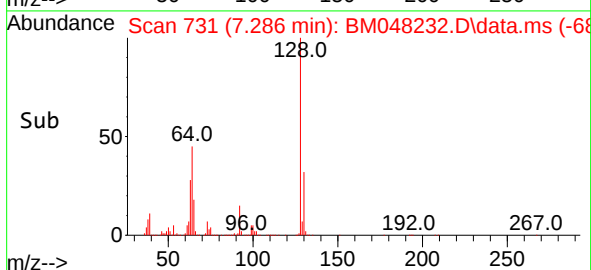
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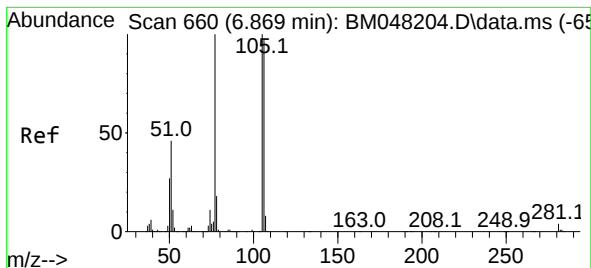


#8
2-Chlorophenol
Concen: 21.695 ng
RT: 7.286 min Scan# 731
Delta R.T. -0.006 min
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Tgt Ion:128 Resp: 846106
Ion Ratio Lower Upper
128 100
130 32.5 12.1 52.1
64 45.0 23.8 63.8





#9

Benzaldehyde

Concen: 6.059 ng

RT: 6.863 min Scan# 61

Delta R.T. -0.006 min

Lab File: BM048232.D

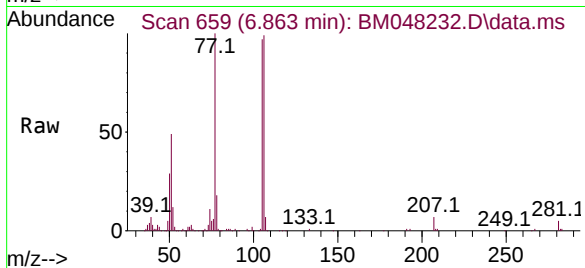
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ClientSampleId :

PB164369BS



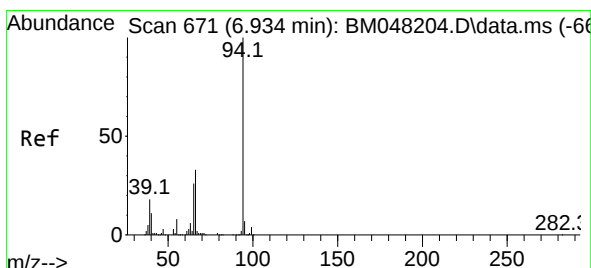
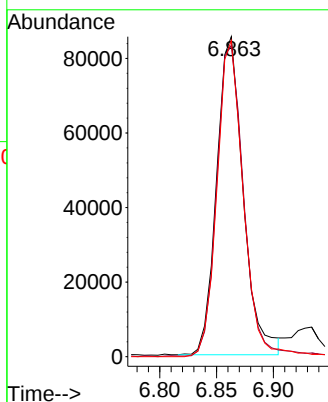
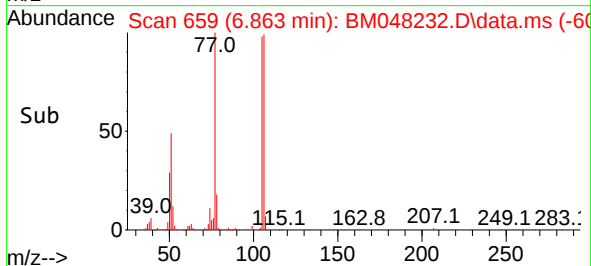
Tgt Ion: 77	Resp: 13916
Ion Ratio	Lower Upper
77	100
105	97.3 79.6 119.6
106	98.8 77.0 117.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#10

Phenol

Concen: 21.843 ng

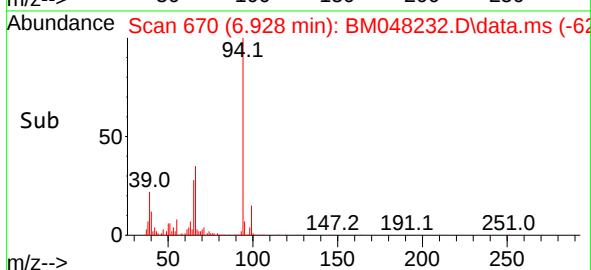
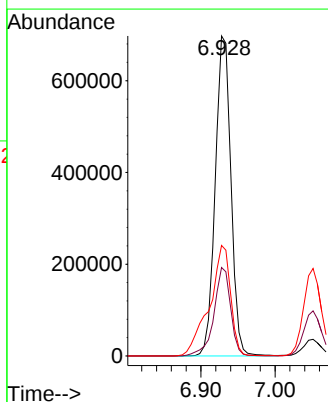
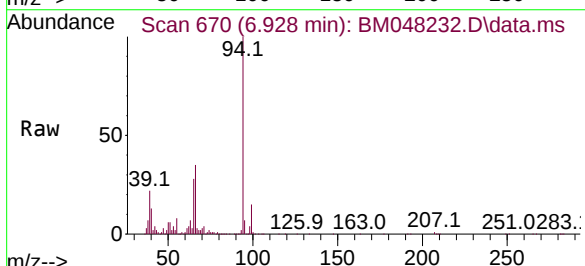
RT: 6.928 min Scan# 670

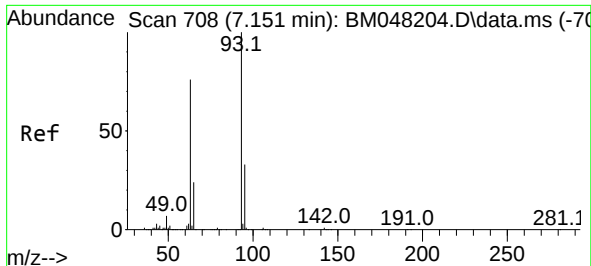
Delta R.T. -0.006 min

Lab File: BM048232.D

Acq: 25 Oct 2024 12:19

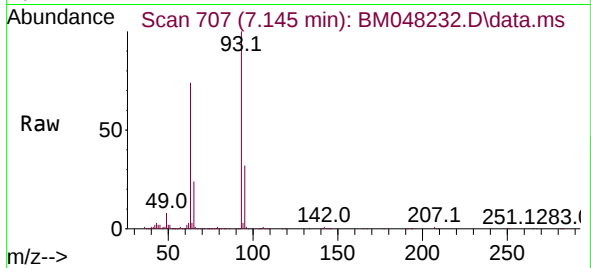
Tgt Ion: 94	Resp: 1027361
Ion Ratio	Lower Upper
94	100
65	27.6 6.5 46.5
66	34.6 13.6 53.6





#11
bis(2-Chloroethyl)ether
Concen: 21.237 ng
RT: 7.145 min Scan# 708
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

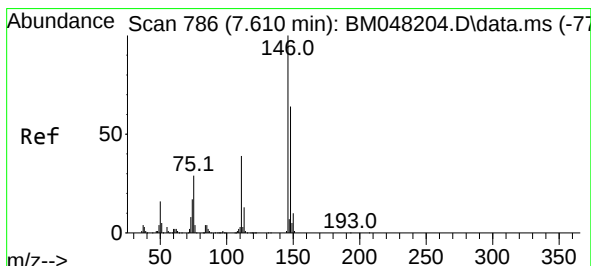
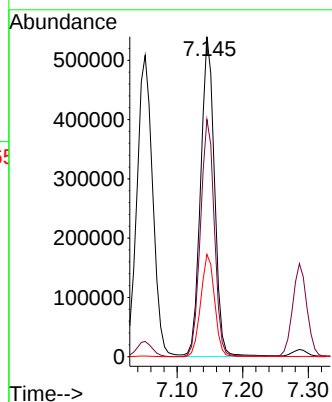
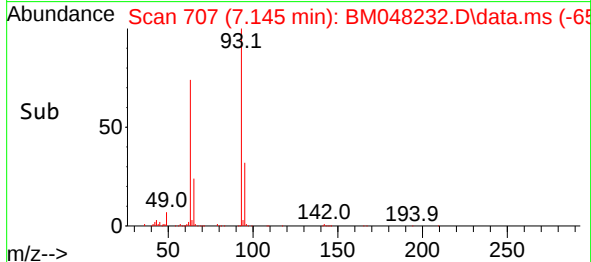
Instrument :
BNA_M
ClientSampleId :
PB164369BS



Tgt Ion: 93 Resp: 795630
Ion Ratio Lower Upper
93 100
63 74.1 55.3 95.3
95 32.0 12.4 52.4

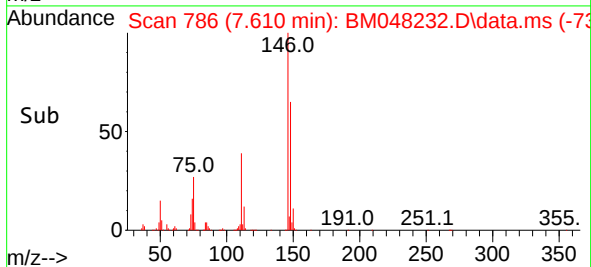
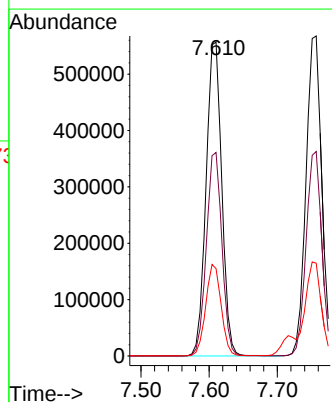
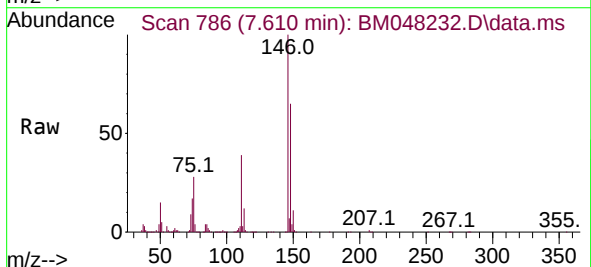
Manual Integrations
APPROVED

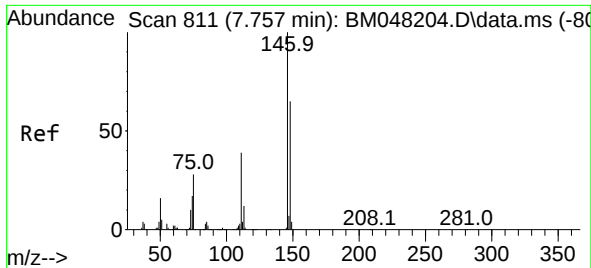
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#12
1,3-Dichlorobenzene
Concen: 19.813 ng
RT: 7.610 min Scan# 786
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

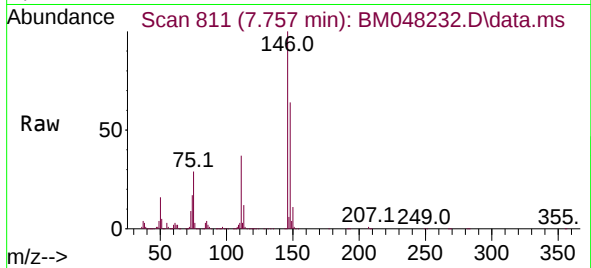
Tgt Ion:146 Resp: 890861
Ion Ratio Lower Upper
146 100
148 64.9 51.0 76.6
75 27.8 22.9 34.3





#13
1,4-Dichlorobenzene
Concen: 19.926 ng
RT: 7.757 min Scan# 811
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

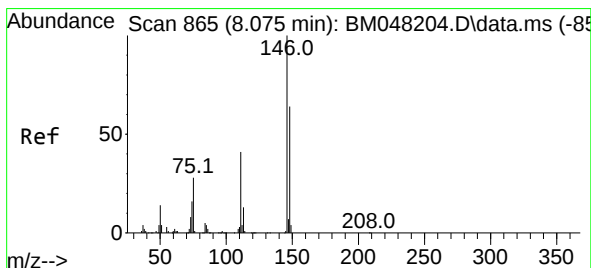
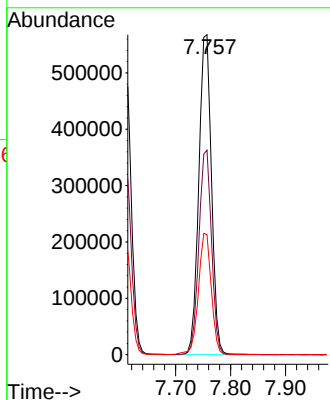
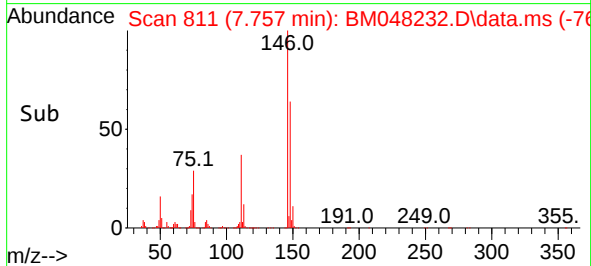
Instrument :
BNA_M
ClientSampleId :
PB164369BS



Tgt Ion:146 Resp: 910202
Ion Ratio Lower Upper
146 100
148 63.9 51.7 77.5
111 37.5 31.4 47.2

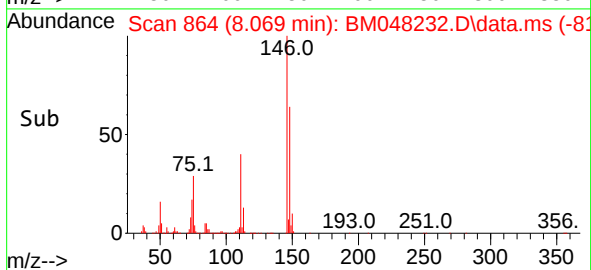
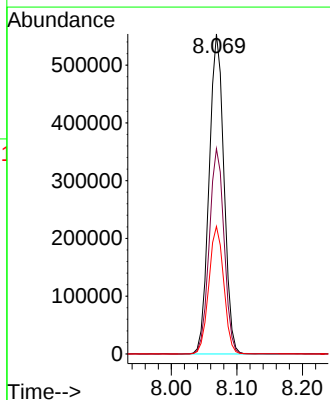
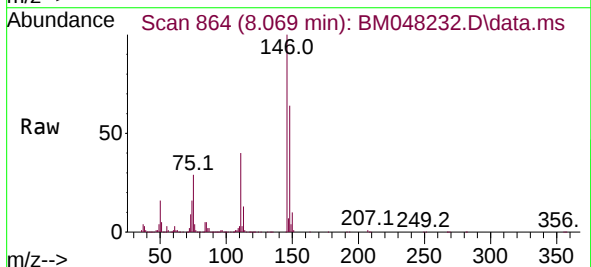
Manual Integrations
APPROVED

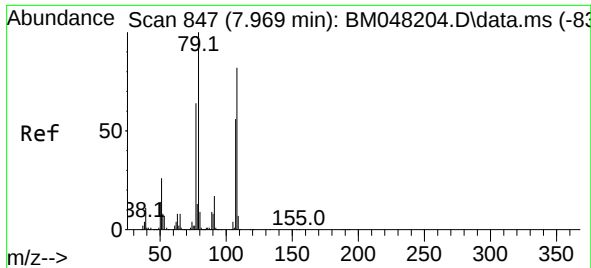
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#14
1,2-Dichlorobenzene
Concen: 19.718 ng
RT: 8.069 min Scan# 864
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

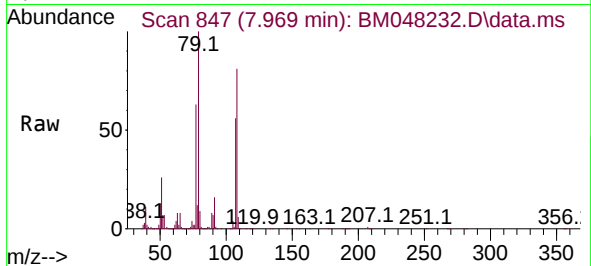
Tgt Ion:146 Resp: 870482
Ion Ratio Lower Upper
146 100
148 64.2 51.3 76.9
111 39.9 32.7 49.1





#15
Benzyl Alcohol
Concen: 22.747 ng
RT: 7.969 min Scan# 847
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

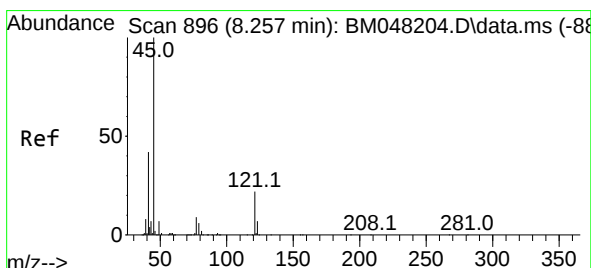
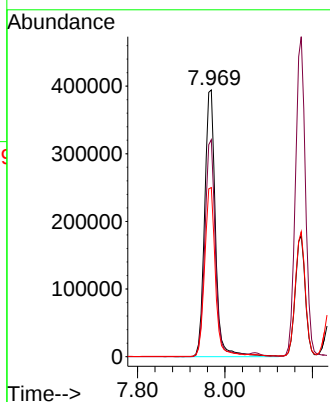
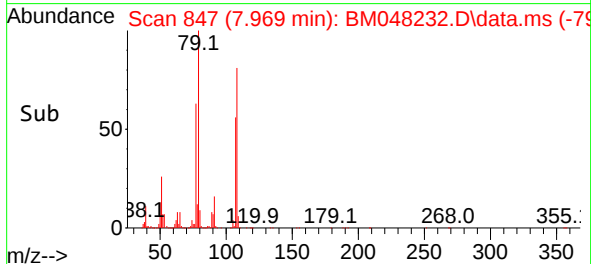
Instrument :
BNA_M
ClientSampleId :
PB164369BS



Tgt Ion: 79 Resp: 67842
Ion Ratio Lower Upper
79 100
108 81.3 65.2 97.8
77 63.4 51.4 77.2

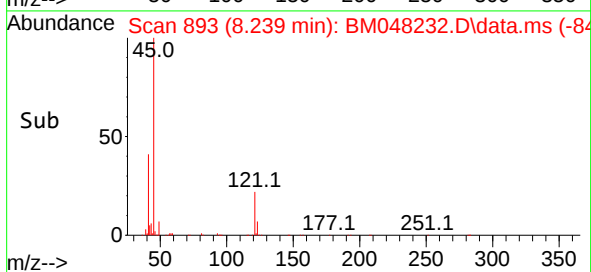
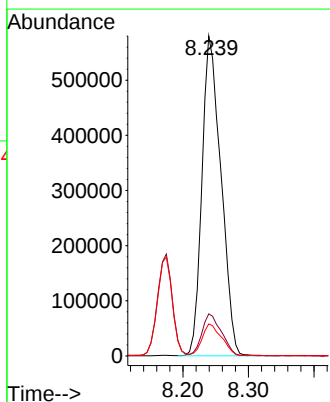
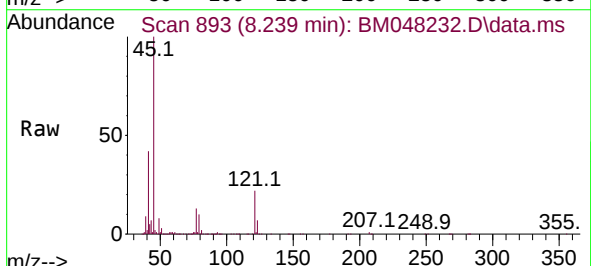
Manual Integrations
APPROVED

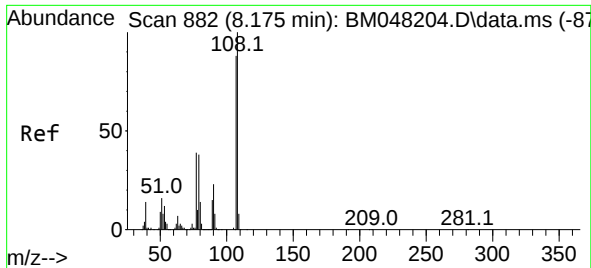
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 21.367 ng
RT: 8.239 min Scan# 893
Delta R.T. -0.018 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

Tgt Ion: 45 Resp: 1170824
Ion Ratio Lower Upper
45 100
77 13.2 0.0 34.2
79 10.0 0.0 30.7





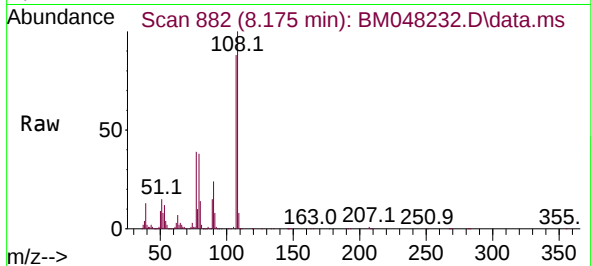
#17
2-Methylphenol
Concen: 21.093 ng
RT: 8.175 min Scan# 882
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

Instrument :

BNA_M

ClientSampleId :

PB164369BS

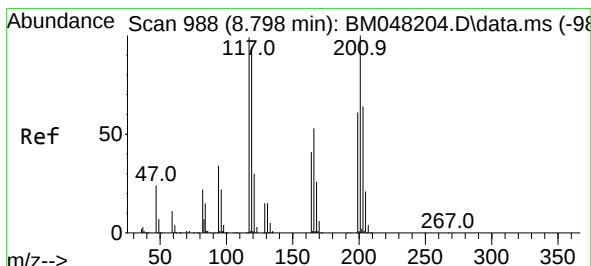
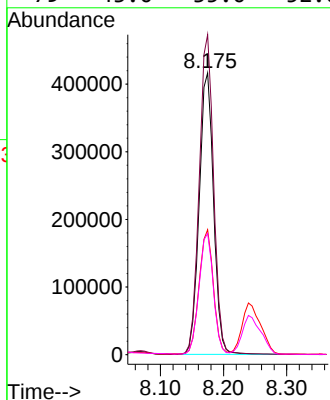
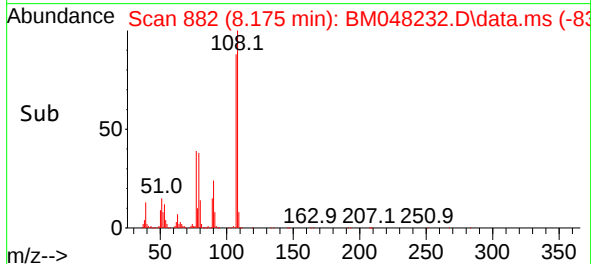


Tgt Ion:107 Resp: 659250
Ion Ratio Lower Upper
107 100
108 113.5 91.3 136.9
77 44.3 36.2 54.2
79 43.0 35.0 52.6

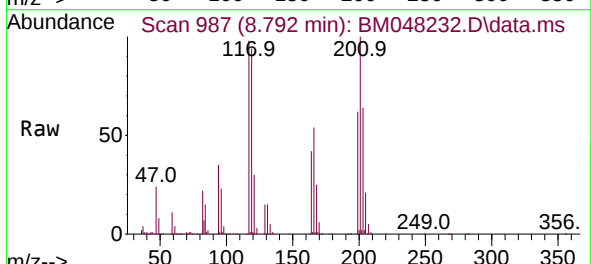
Manual Integrations

APPROVED

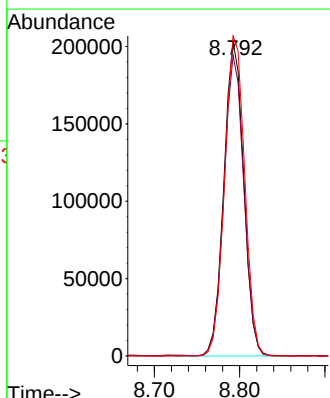
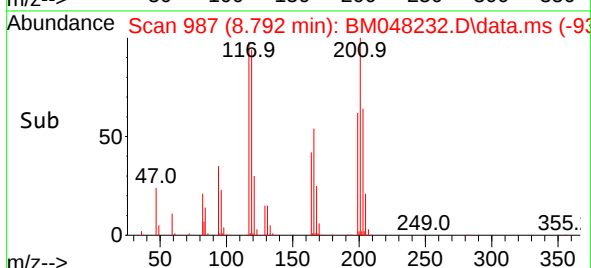
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

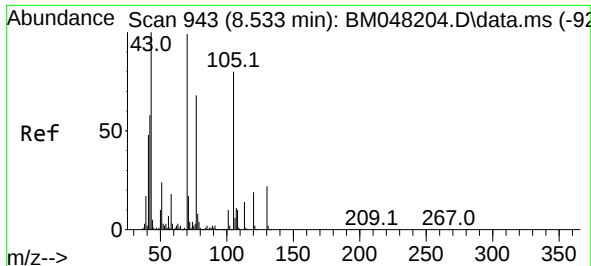


#18
Hexachloroethane
Concen: 19.605 ng
RT: 8.792 min Scan# 987
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



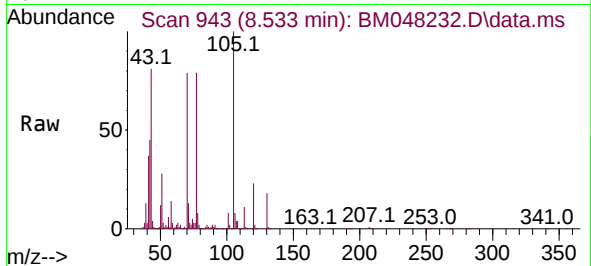
Tgt Ion:117 Resp: 328232
Ion Ratio Lower Upper
117 100
119 95.7 76.5 114.7
201 101.8 80.9 121.3





#19
n-Nitroso-di-n-propylamine
Concen: 19.555 ng
RT: 8.533 min Scan# 943
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

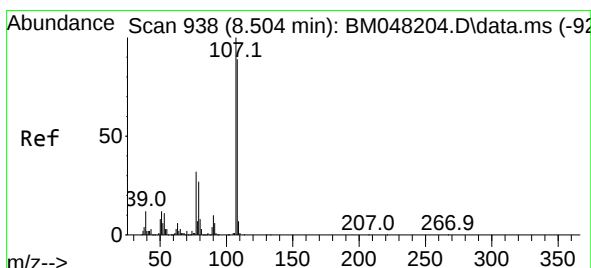
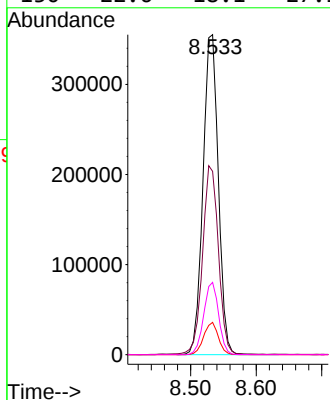
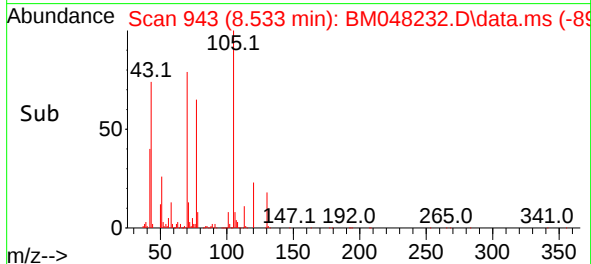
Instrument :
BNA_M
ClientSampleId :
PB164369BS



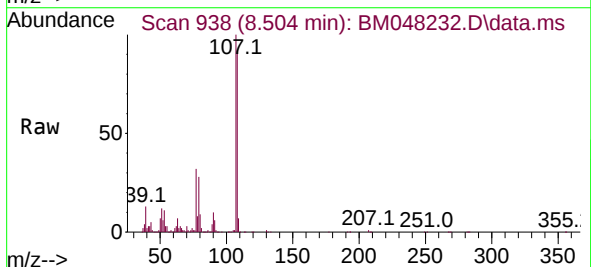
Tgt Ion: 70 Resp: 57837
Ion Ratio Lower Upper
70 100
42 57.3 47.0 70.6
101 10.1 7.8 11.6
130 22.6 18.1 27.1

Manual Integrations
APPROVED

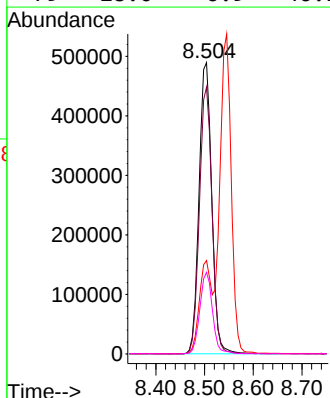
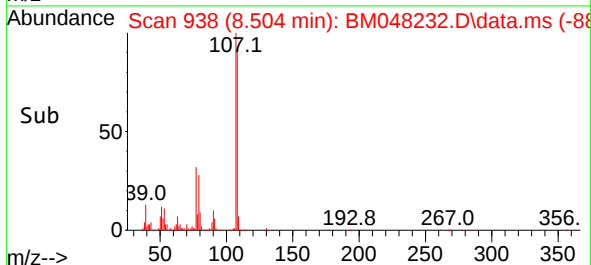
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

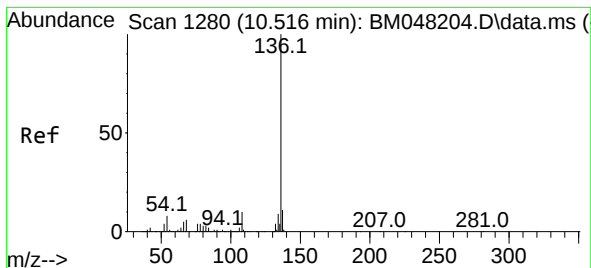


#20
3+4-Methylphenols
Concen: 20.504 ng
RT: 8.504 min Scan# 938
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



Tgt Ion:107 Resp: 887725
Ion Ratio Lower Upper
107 100
108 91.5 69.0 109.0
77 32.1 12.3 52.3
79 28.0 6.9 46.9





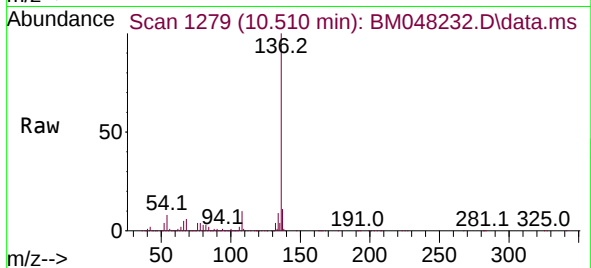
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.510 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

Instrument :

BNA_M

ClientSampleId :

PB164369BS



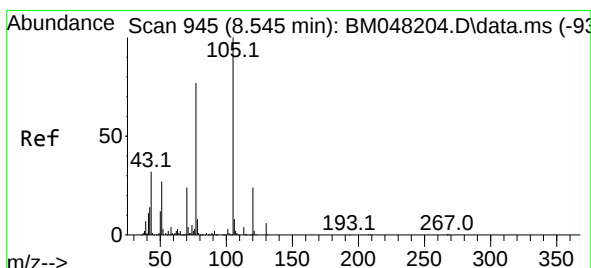
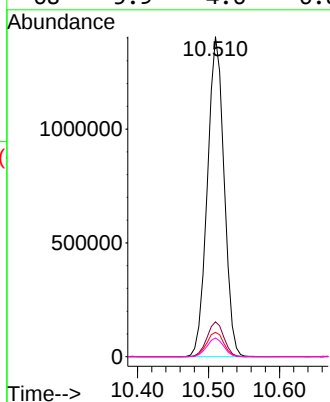
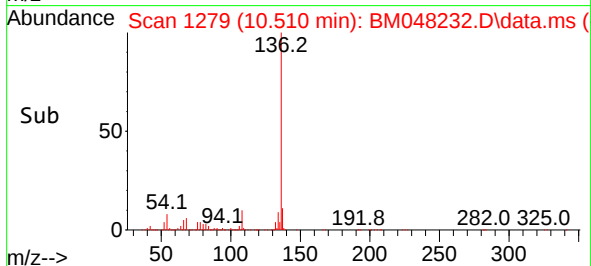
Tgt Ion:136 Resp: 2299200
Ion Ratio Lower Upper
136 100
137 10.9 8.9 13.3
54 7.6 6.5 9.7
68 5.9 4.6 6.8

Manual Integrations

APPROVED

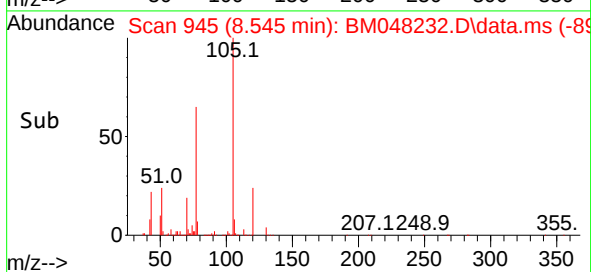
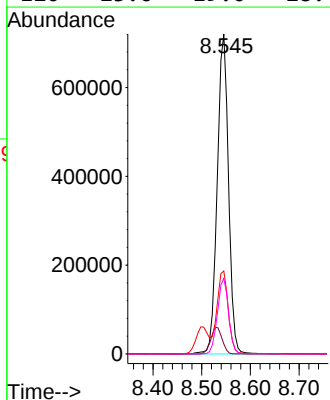
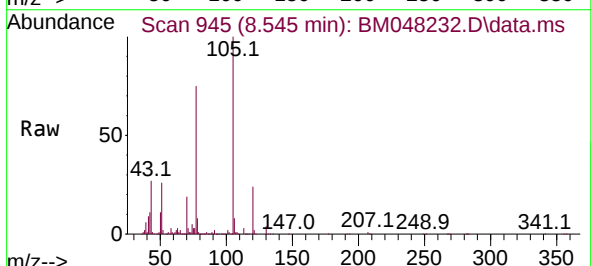
Reviewed By :Yogesh Patel 10/25/2024

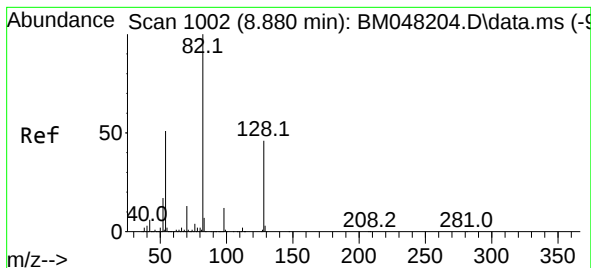
Supervised By :mohammad ahmed 10/28/2024



#22
Acetophenone
Concen: 20.708 ng
RT: 8.545 min Scan# 945
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

Tgt Ion:105 Resp: 1161984
Ion Ratio Lower Upper
105 100
71 3.1 3.4 5.0#
51 25.9 21.7 32.5
120 23.6 19.0 28.4





#23

Nitrobenzene-d5

Concen: 40.920 ng

RT: 8.880 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BM048232.D

Acq: 25 Oct 2024 12:19

Instrument :

BNA_M

ClientSampleId :

PB164369BS

Tgt Ion: 82 Resp: 1666294

Ion Ratio Lower Upper

82 100

128 46.4 36.6 54.8

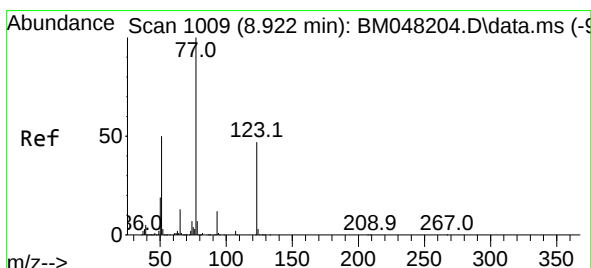
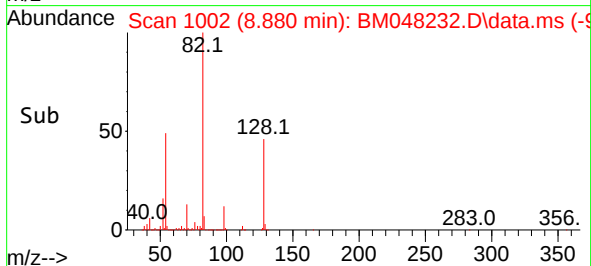
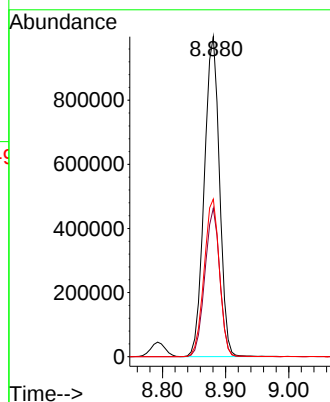
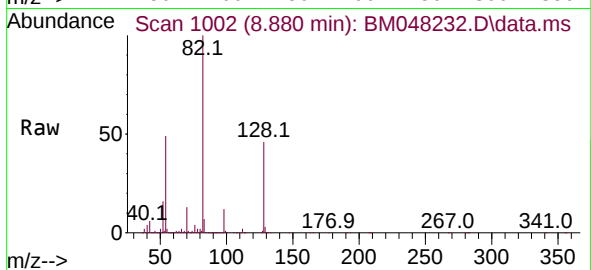
54 49.3 41.0 61.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#24

Nitrobenzene

Concen: 20.161 ng

RT: 8.922 min Scan# 1009

Delta R.T. 0.000 min

Lab File: BM048232.D

Acq: 25 Oct 2024 12:19

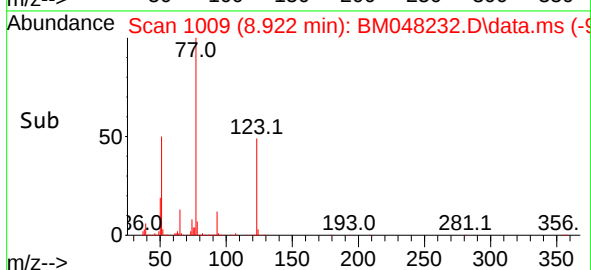
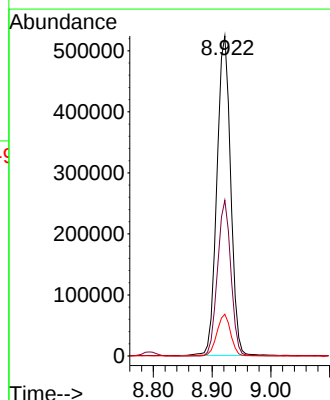
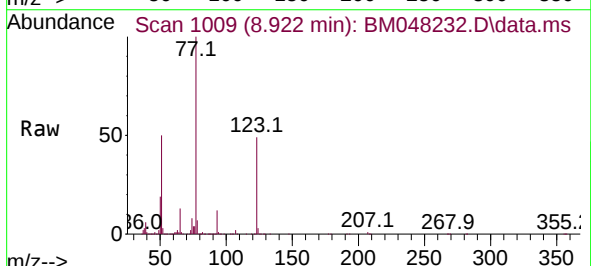
Tgt Ion: 77 Resp: 850606

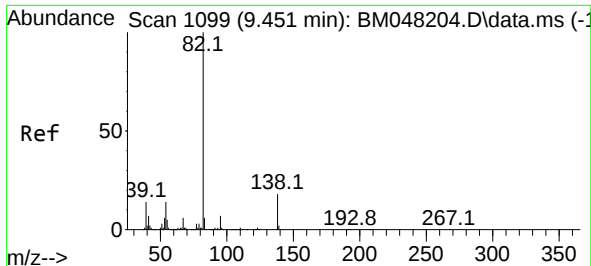
Ion Ratio Lower Upper

77 100

123 48.7 37.8 56.6

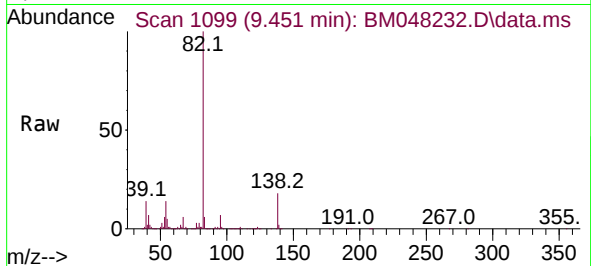
65 13.1 10.4 15.6





#25
Isophorone
Concen: 20.506 ng
RT: 9.451 min Scan# 1099
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

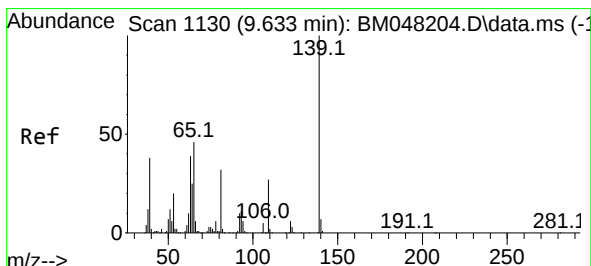
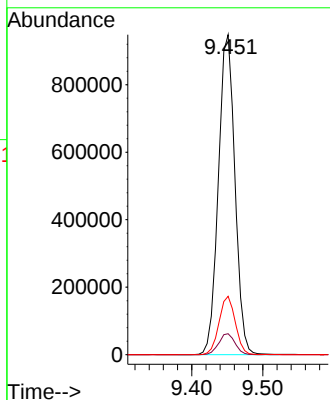
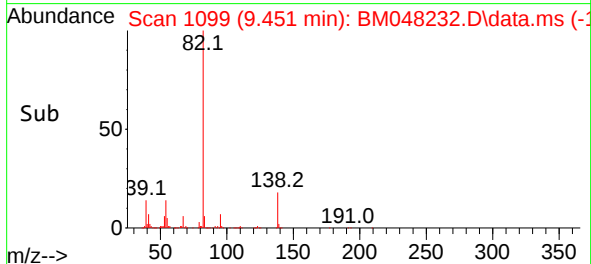
Instrument :
BNA_M
ClientSampleId :
PB164369BS



Tgt Ion: 82 Resp: 153057
Ion Ratio Lower Upper
82 100
95 6.6 5.3 7.9
138 18.2 14.3 21.5

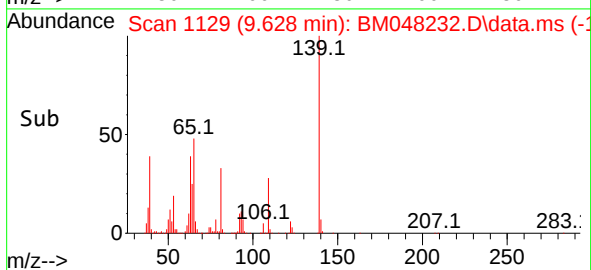
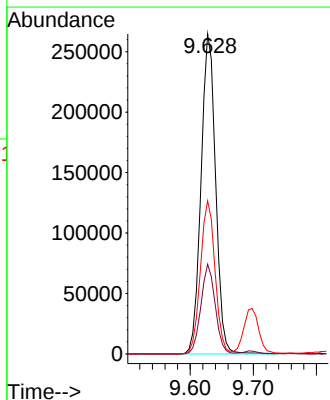
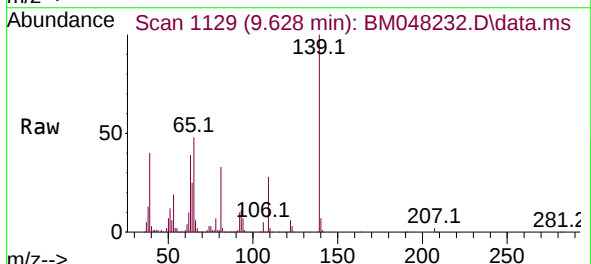
Manual Integrations
APPROVED

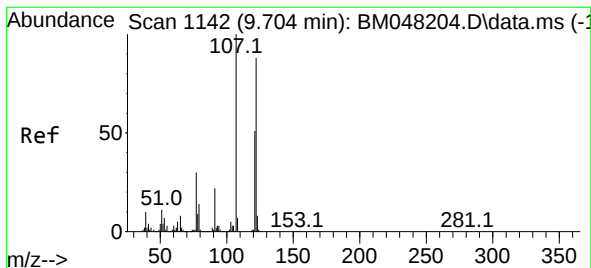
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#26
2-Nitrophenol
Concen: 21.837 ng
RT: 9.628 min Scan# 1129
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

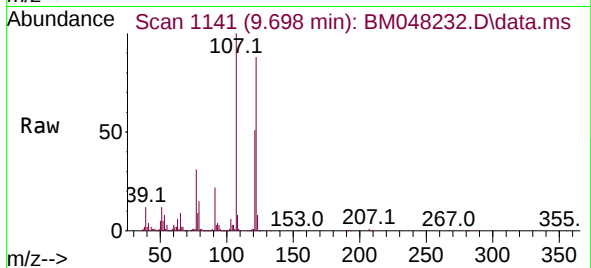
Tgt Ion:139 Resp: 425395
Ion Ratio Lower Upper
139 100
109 28.1 21.2 31.8
65 47.9 36.8 55.2





#27
2,4-Dimethylphenol
Concen: 26.445 ng
RT: 9.698 min Scan# 1141
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

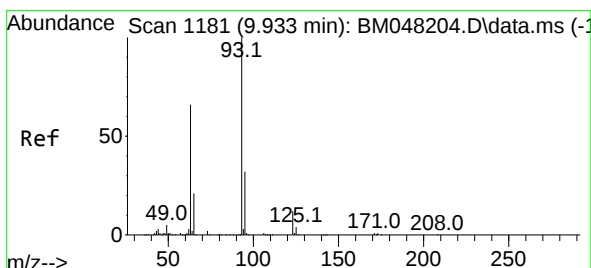
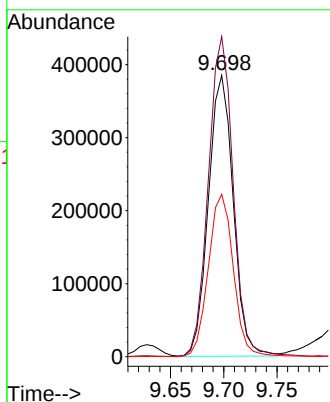
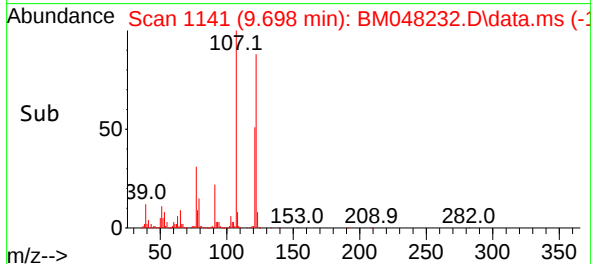
Instrument :
BNA_M
ClientSampleId :
PB164369BS



Tgt Ion:122 Resp: 625019
Ion Ratio Lower Upper
122 100
107 113.7 91.0 136.6
121 57.7 46.1 69.1

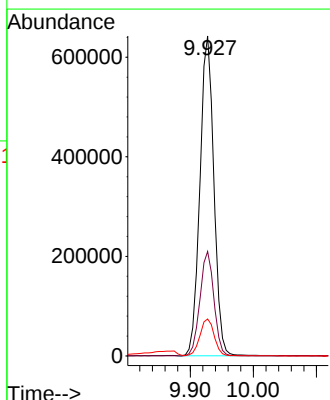
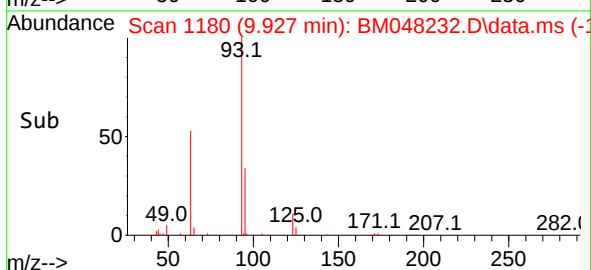
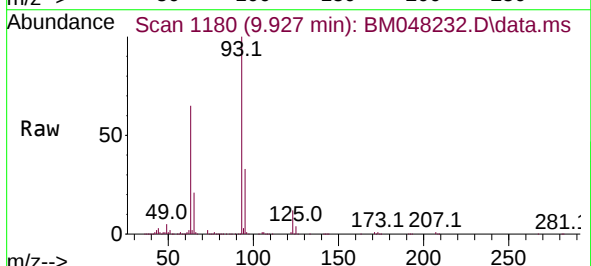
Manual Integrations
APPROVED

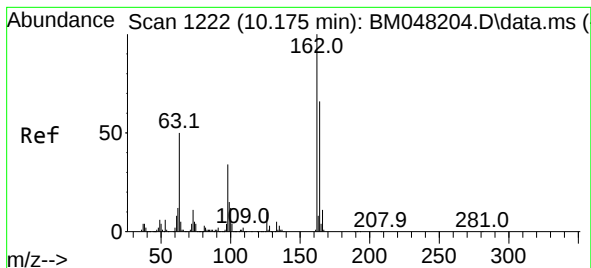
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#28
bis(2-Chloroethoxy)methane
Concen: 20.895 ng
RT: 9.927 min Scan# 1180
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

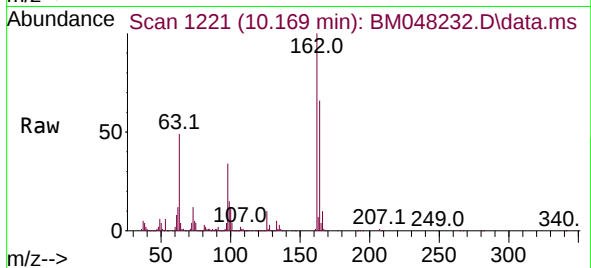
Tgt Ion: 93 Resp: 986928
Ion Ratio Lower Upper
93 100
95 32.6 25.3 37.9
123 11.5 9.8 14.6





#29
2,4-Dichlorophenol
Concen: 21.692 ng
RT: 10.169 min Scan# 1221
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

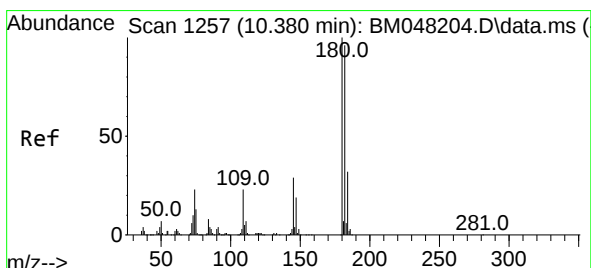
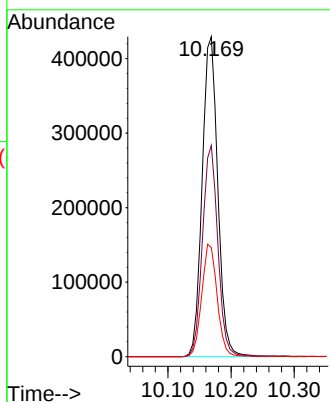
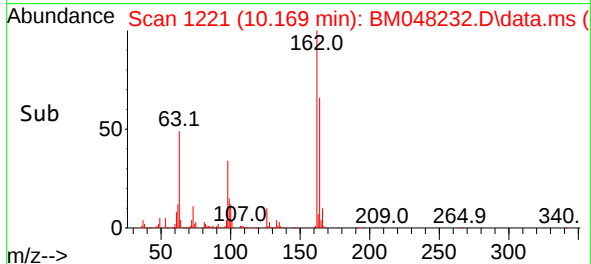
Instrument :
BNA_M
ClientSampleId :
PB164369BS



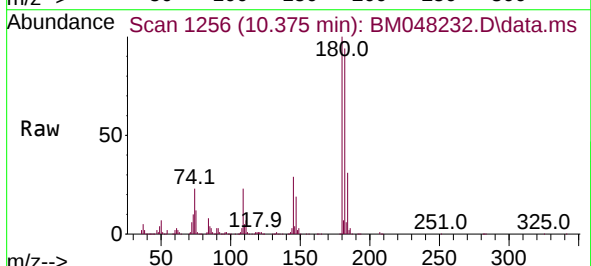
Tgt Ion:162 Resp: 737520
Ion Ratio Lower Upper
162 100
164 66.0 46.0 86.0
98 34.1 14.4 54.4

Manual Integrations
APPROVED

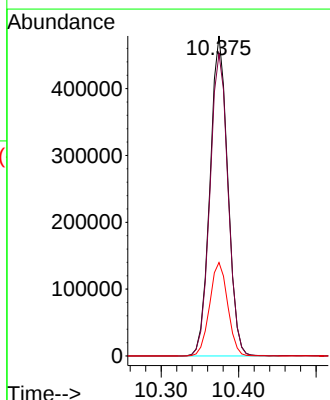
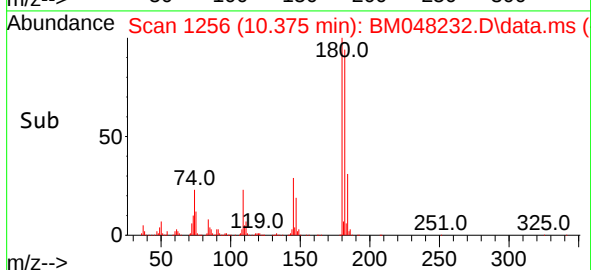
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

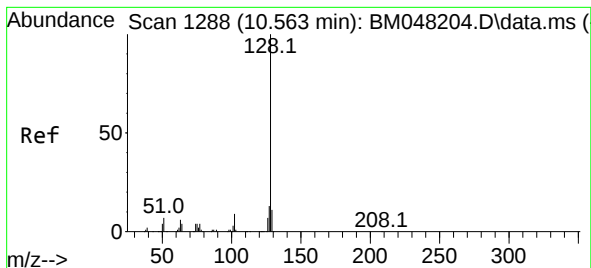


#30
1,2,4-Trichlorobenzene
Concen: 19.565 ng
RT: 10.375 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



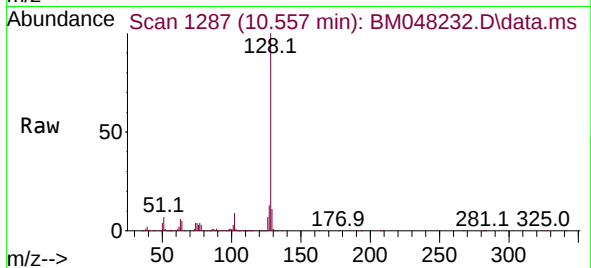
Tgt Ion:180 Resp: 761833
Ion Ratio Lower Upper
180 100
182 94.4 76.6 115.0
145 29.2 23.4 35.2





#31
Naphthalene
Concen: 19.931 ng
RT: 10.557 min Scan# 1170
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

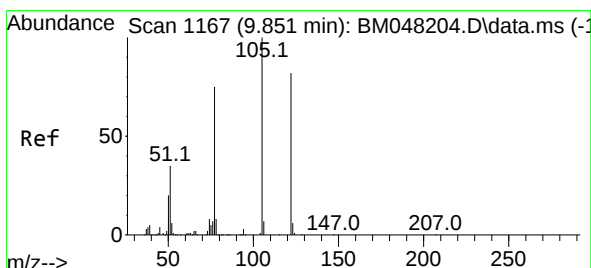
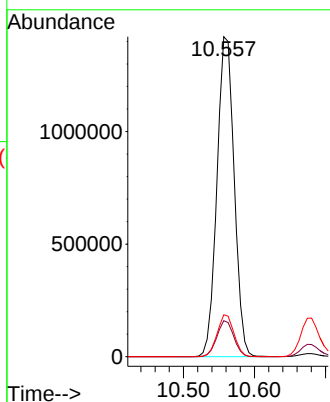
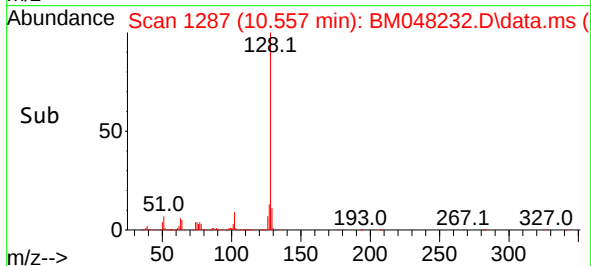
Instrument :
BNA_M
ClientSampleId :
PB164369BS



Tgt Ion:128 Resp: 2390070
Ion Ratio Lower Upper
128 100
129 11.2 8.8 13.2
127 13.1 10.2 15.2

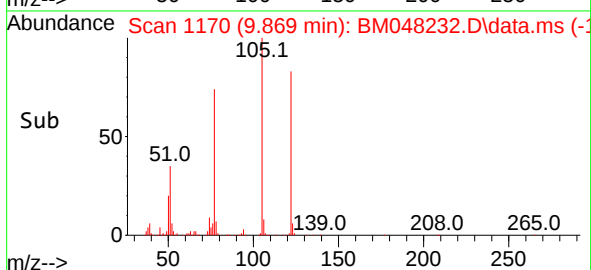
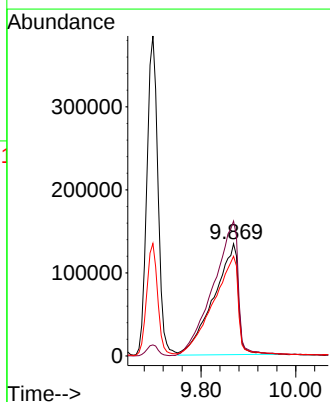
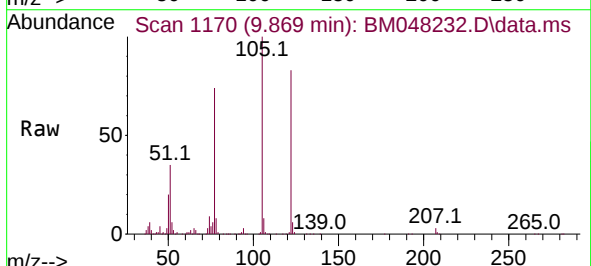
Manual Integrations
APPROVED

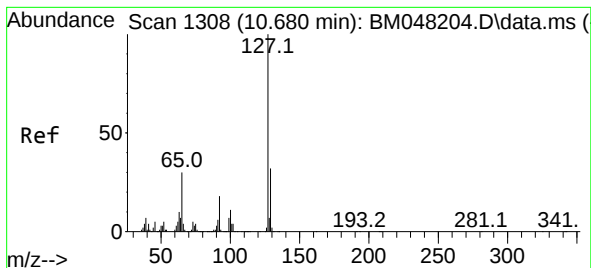
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#32
Benzoic acid
Concen: 18.275 ng
RT: 9.869 min Scan# 1170
Delta R.T. 0.018 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

Tgt Ion:122 Resp: 480785
Ion Ratio Lower Upper
122 100
105 120.2 99.3 139.3
77 88.9 70.4 110.4





#33
4-Chloroaniline
Concen: 8.505 ng
RT: 10.680 min Scan# 11
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

Instrument :

BNA_M

ClientSampleId :

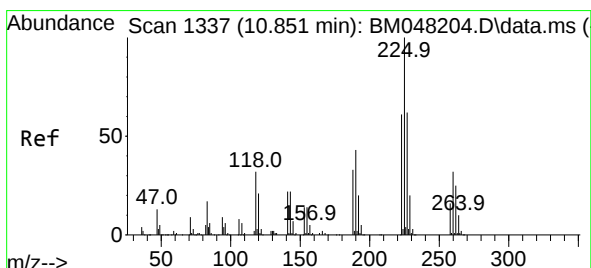
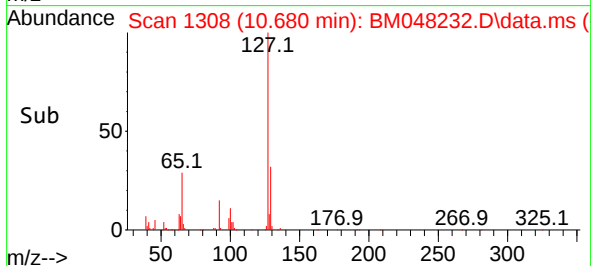
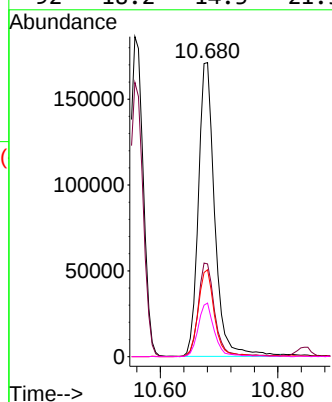
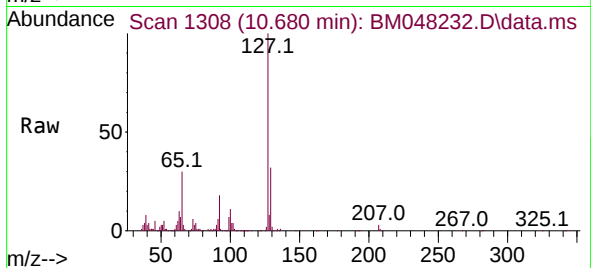
PB164369BS

Tgt Ion:127 Resp: 33076
Ion Ratio Lower Upper
127 100
129 31.5 25.8 38.6
65 29.5 23.7 35.5
92 18.2 14.3 21.5

Manual Integrations

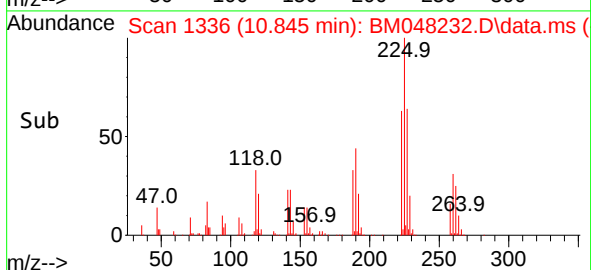
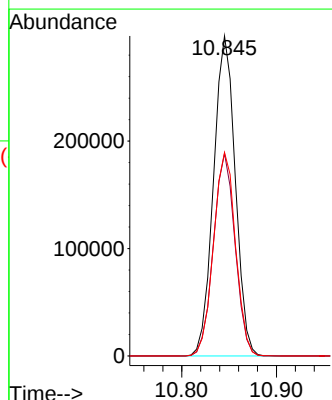
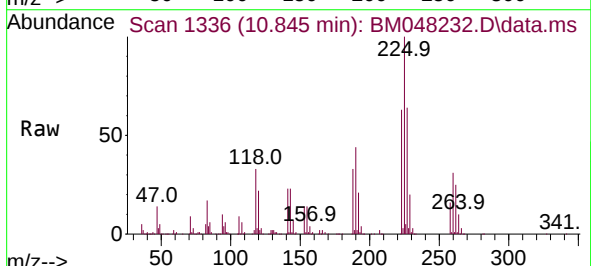
APPROVED

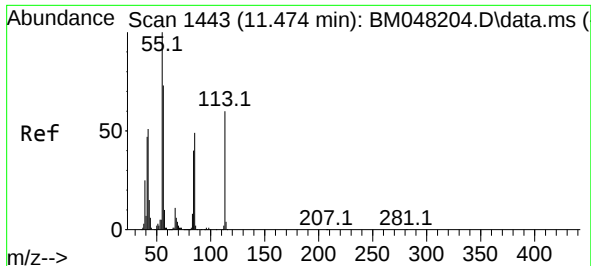
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#34
Hexachlorobutadiene
Concen: 19.681 ng
RT: 10.845 min Scan# 1336
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

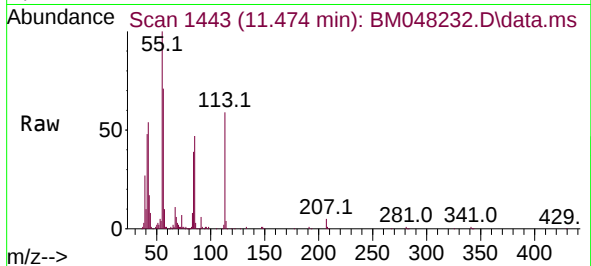
Tgt Ion:225 Resp: 474985
Ion Ratio Lower Upper
225 100
223 63.3 48.6 73.0
227 63.6 49.6 74.4





#35
Caprolactam
Concen: 17.859 ng m
RT: 11.474 min Scan# 1443
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

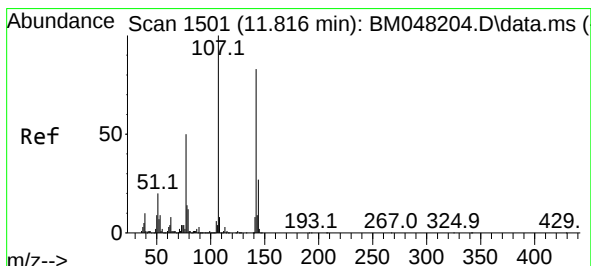
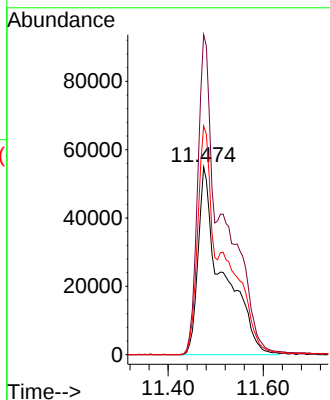
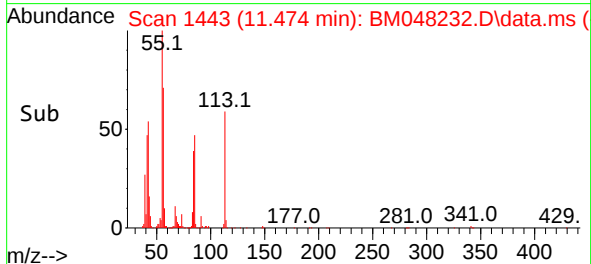
Instrument :
BNA_M
ClientSampleId :
PB164369BS



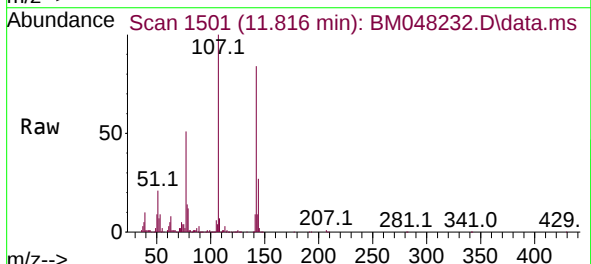
Tgt Ion:113 Resp: 197248
Ion Ratio Lower Upper
113 100
55 170.5 146.1 186.1
56 121.9 101.9 141.9

Manual Integrations
APPROVED

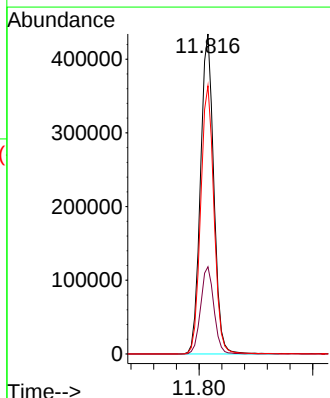
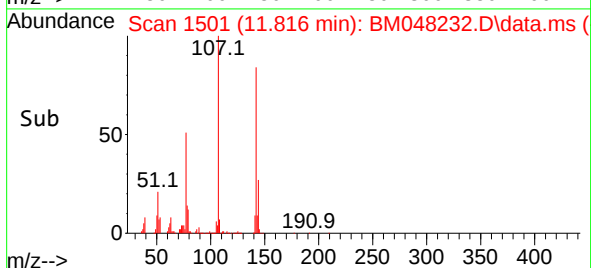
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

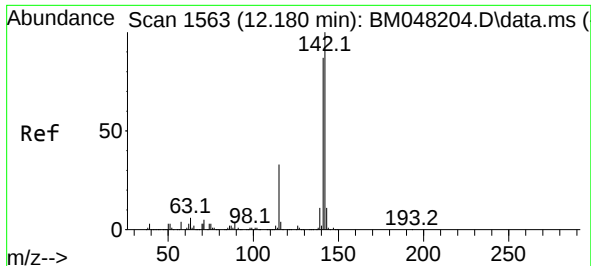


#36
4-Chloro-3-methylphenol
Concen: 19.870 ng
RT: 11.816 min Scan# 1501
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



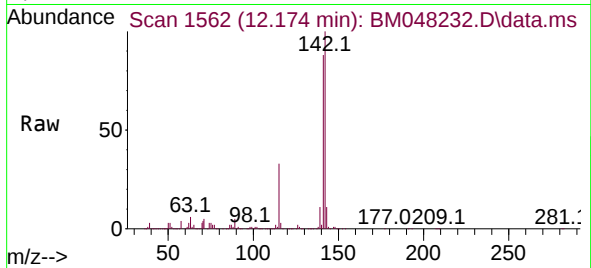
Tgt Ion:107 Resp: 705238
Ion Ratio Lower Upper
107 100
144 27.2 21.5 32.3
142 83.8 66.8 100.2





#37
2-Methylnaphthalene
Concen: 20.122 ng
RT: 12.174 min Scan# 1562
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

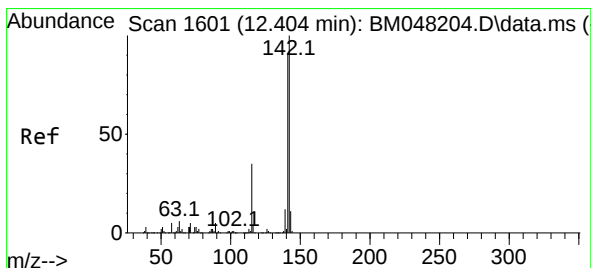
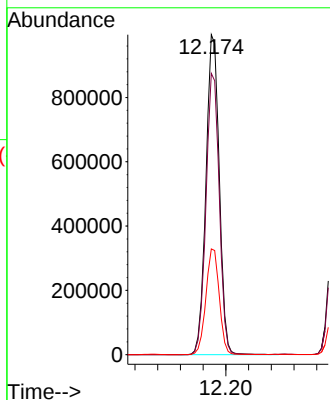
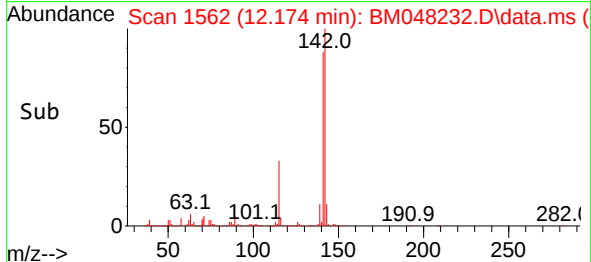
Instrument :
BNA_M
ClientSampleId :
PB164369BS



Tgt Ion:142 Resp: 1612190
Ion Ratio Lower Upper
142 100
141 87.9 69.8 104.6
115 33.1 26.3 39.5

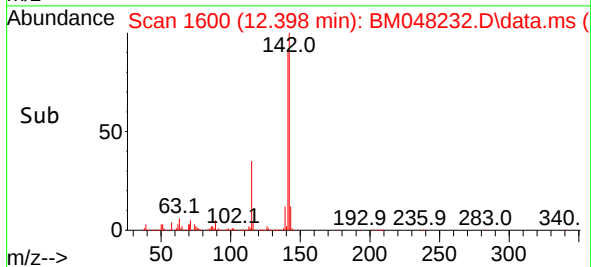
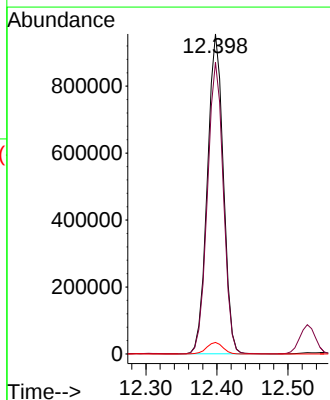
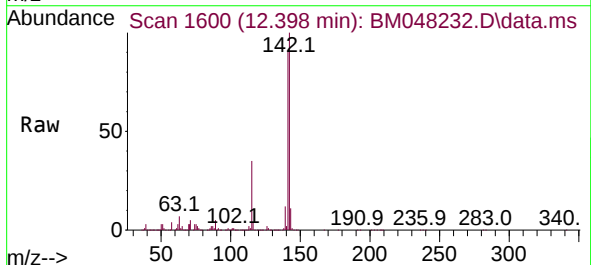
Manual Integrations
APPROVED

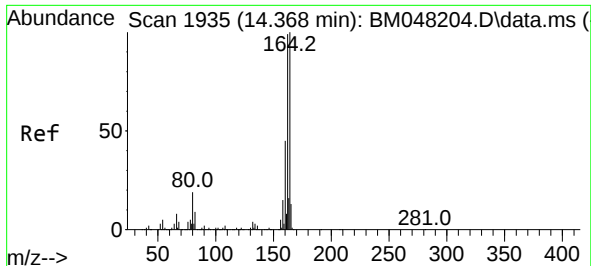
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#38
1-Methylnaphthalene
Concen: 18.796 ng
RT: 12.398 min Scan# 1600
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

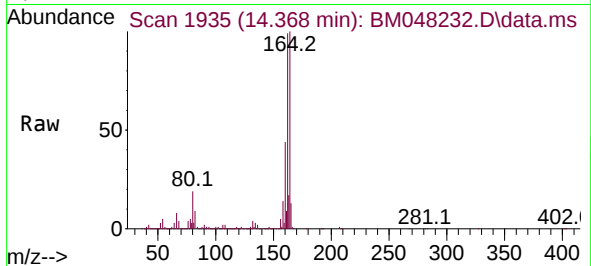
Tgt Ion:142 Resp: 1493285
Ion Ratio Lower Upper
142 100
141 91.2 72.7 109.1
116 3.6 2.9 4.3





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.368 min Scan# 1935
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

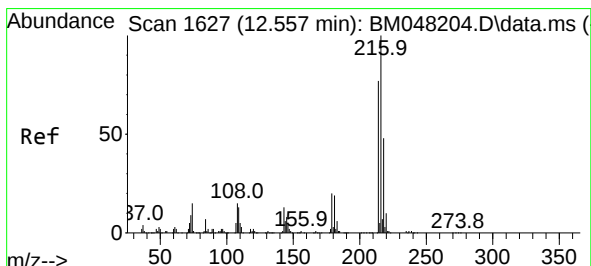
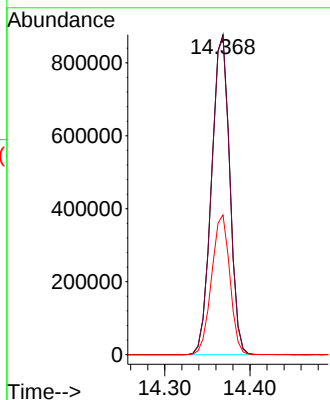
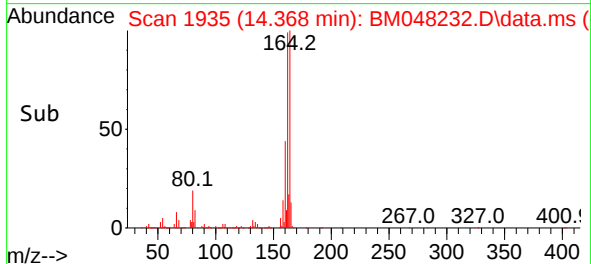
Instrument :
BNA_M
ClientSampleId :
PB164369BS



Tgt Ion:164 Resp: 1298770
Ion Ratio Lower Upper
164 100
162 99.3 79.1 118.7
160 43.7 35.8 53.8

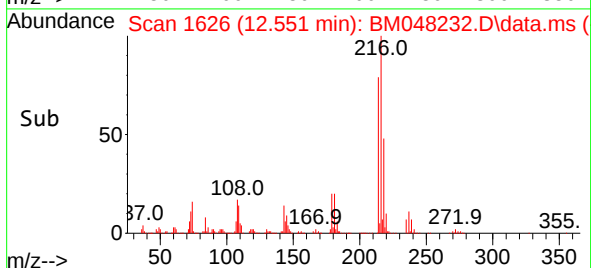
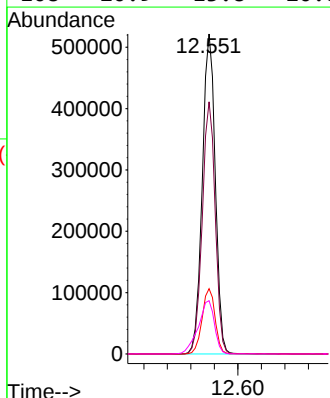
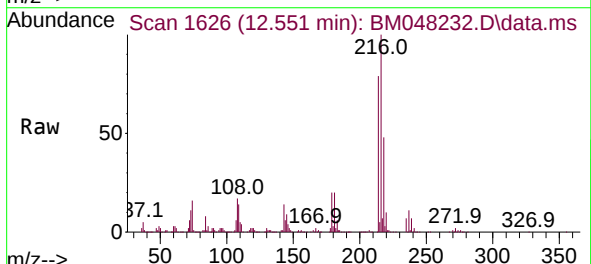
Manual Integrations
APPROVED

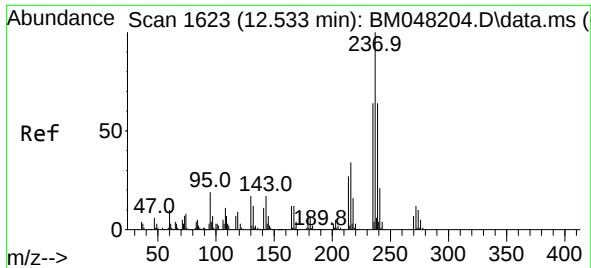
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#40
1,2,4,5-Tetrachlorobenzene
Concen: 21.509 ng
RT: 12.551 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

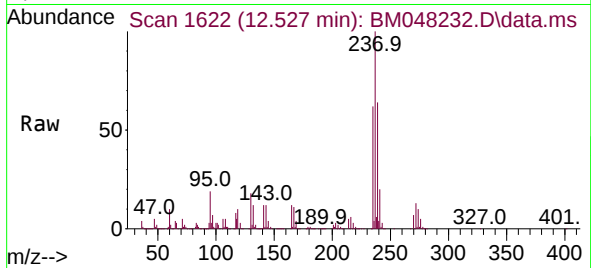
Tgt Ion:216 Resp: 798435
Ion Ratio Lower Upper
216 100
214 78.5 62.2 93.2
179 20.4 16.0 24.0
108 20.9 13.8 20.8





#41
Hexachlorocyclopentadiene
Concen: 87.091 ng
RT: 12.527 min Scan# 1
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

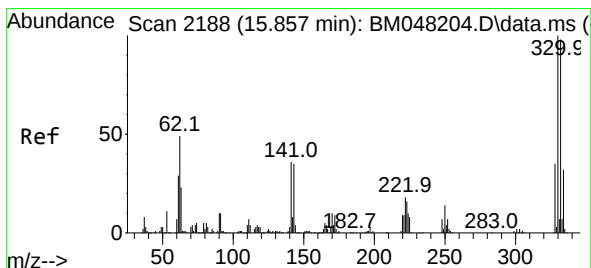
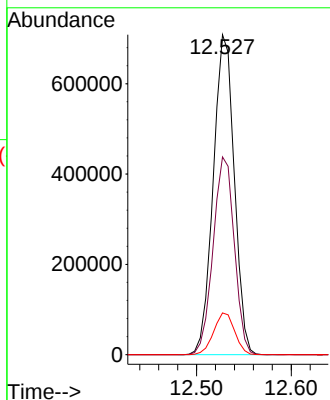
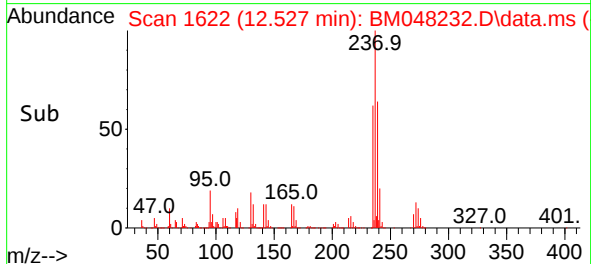
Instrument :
BNA_M
ClientSampleId :
PB164369BS



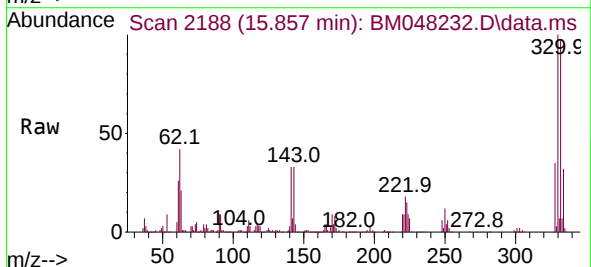
Tgt Ion:237 Resp: 1094029
Ion Ratio Lower Upper
237 100
235 61.8 44.2 84.2
272 13.1 0.0 32.4

Manual Integrations
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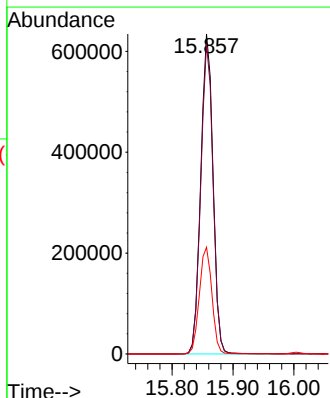
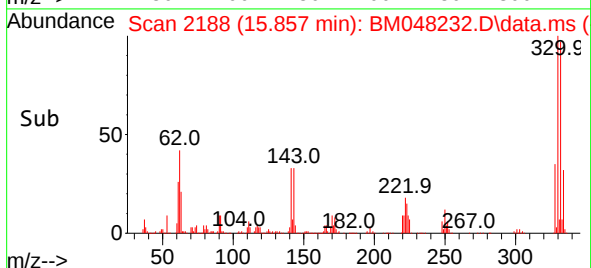
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

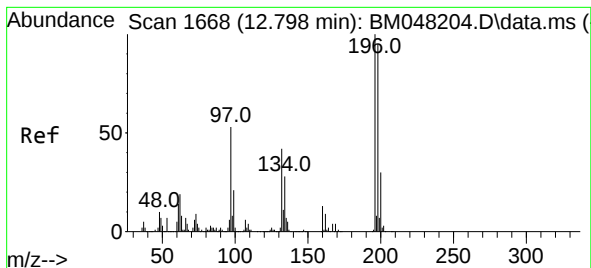


#42
2,4,6-Tribromophenol
Concen: 55.749 ng
RT: 15.857 min Scan# 2188
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



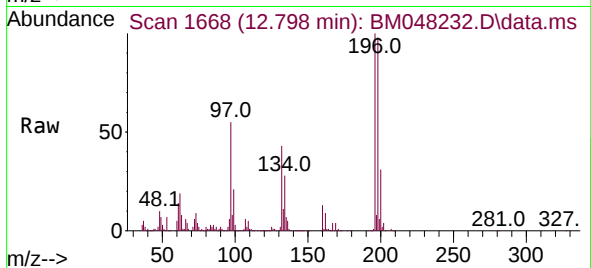
Tgt Ion:330 Resp: 886254
Ion Ratio Lower Upper
330 100
332 96.5 77.5 116.3
141 34.1 27.5 41.3





#43
2,4,6-Trichlorophenol
Concen: 22.223 ng
RT: 12.798 min Scan# 1668
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

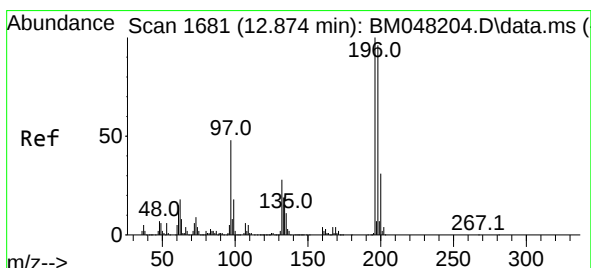
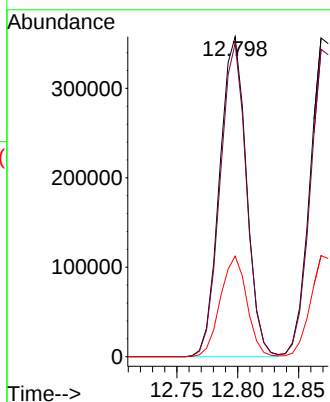
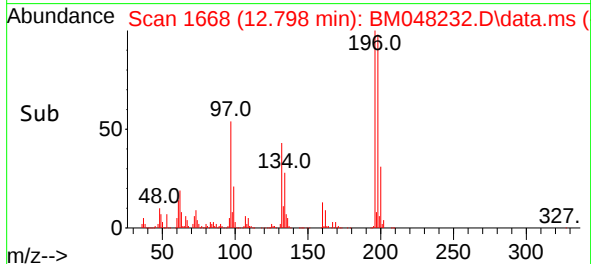
Instrument :
BNA_M
ClientSampleId :
PB164369BS



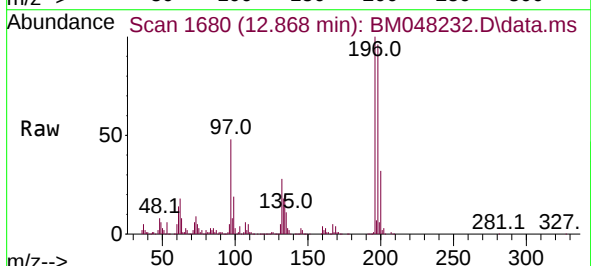
Tgt Ion:196 Resp: 547468
Ion Ratio Lower Upper
196 100
198 98.0 76.2 114.2
200 31.4 24.2 36.2

Manual Integrations
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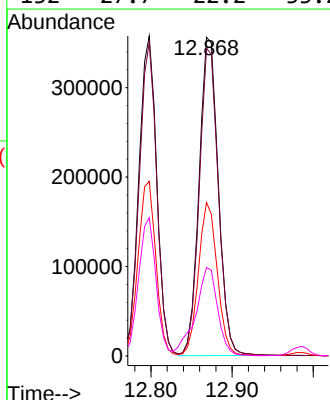
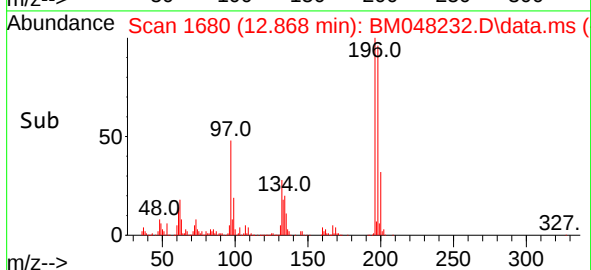
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

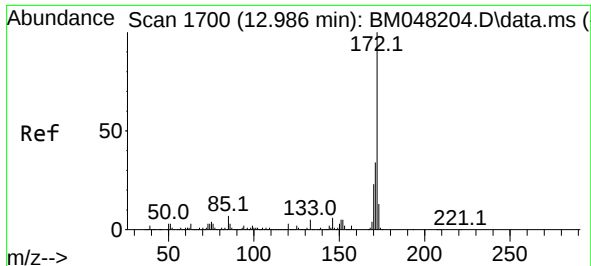


#44
2,4,5-Trichlorophenol
Concen: 21.302 ng
RT: 12.868 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



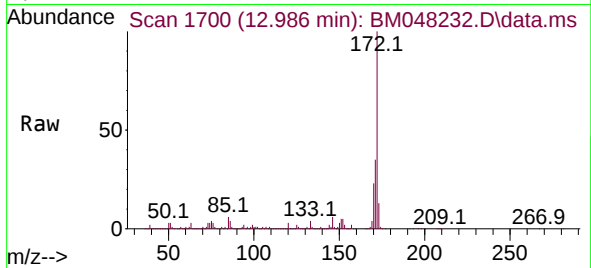
Tgt Ion:196 Resp: 585202
Ion Ratio Lower Upper
196 100
198 96.4 76.7 115.1
97 48.2 38.5 57.7
132 27.7 22.2 33.2





#45
2-Fluorobiphenyl
Concen: 41.240 ng
RT: 12.986 min Scan# 1700
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

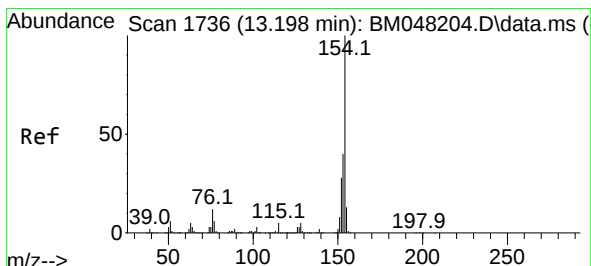
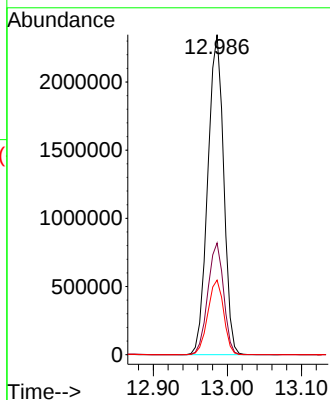
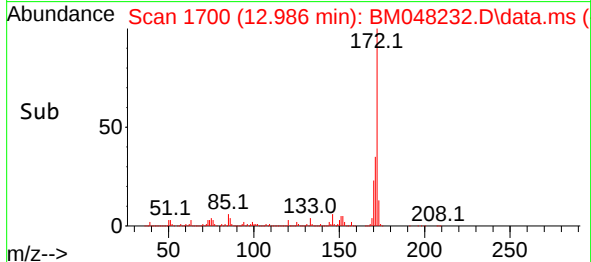
Instrument :
BNA_M
ClientSampleId :
PB164369BS



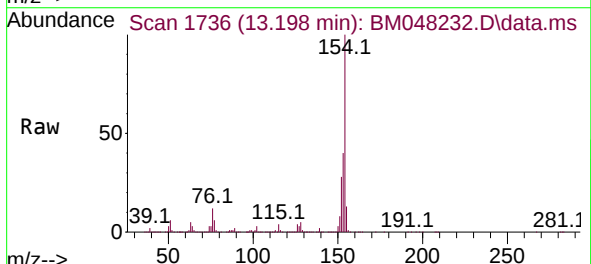
Tgt Ion:172 Resp: 3490524
Ion Ratio Lower Upper
172 100
171 34.9 27.4 41.0
170 23.3 18.5 27.7

Manual Integrations
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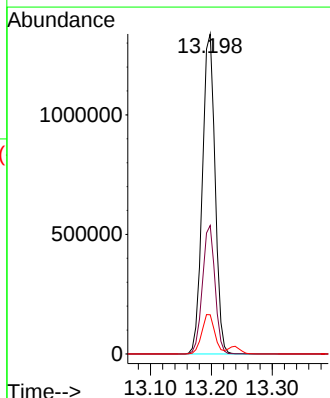
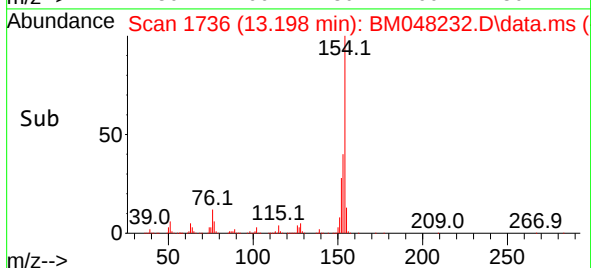
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

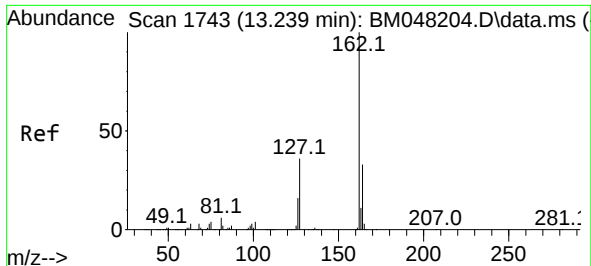


#46
1,1'-Biphenyl
Concen: 20.949 ng
RT: 13.198 min Scan# 1736
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



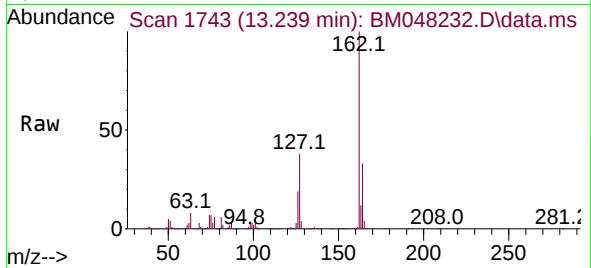
Tgt Ion:154 Resp: 1942561
Ion Ratio Lower Upper
154 100
153 40.1 19.9 59.9
76 12.3 0.0 32.4





#47
2-Chloronaphthalene
Concen: 20.731 ng
RT: 13.239 min Scan# 1743
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

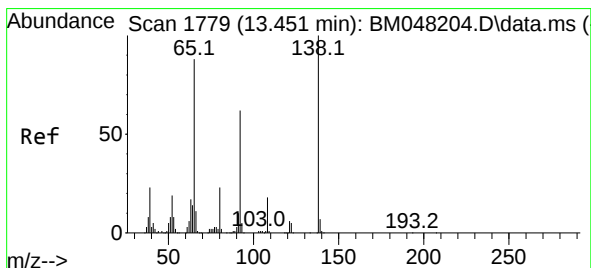
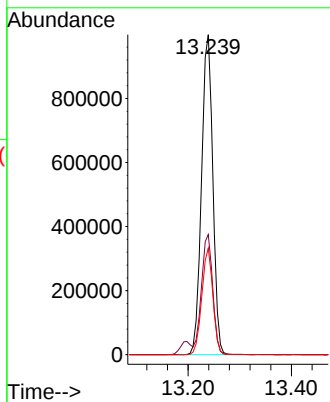
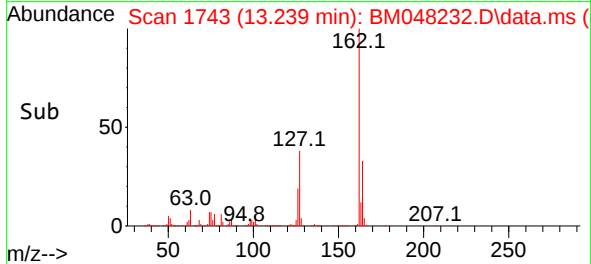
Instrument :
BNA_M
ClientSampleId :
PB164369BS



Tgt Ion:162 Resp: 151575
Ion Ratio Lower Upper
162 100
127 37.5 31.0 46.6
164 33.3 26.2 39.4

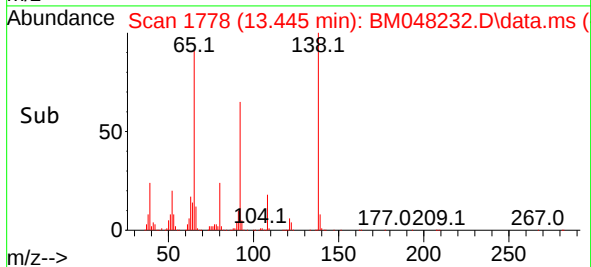
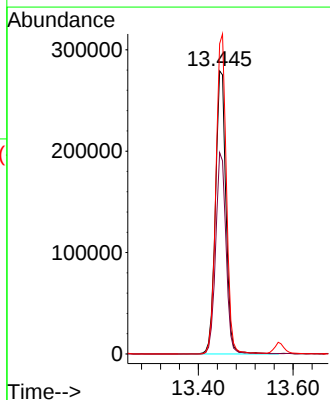
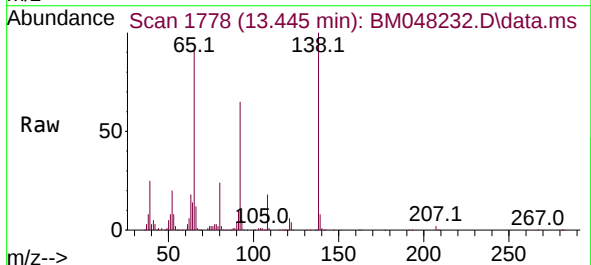
Manual Integrations
APPROVED

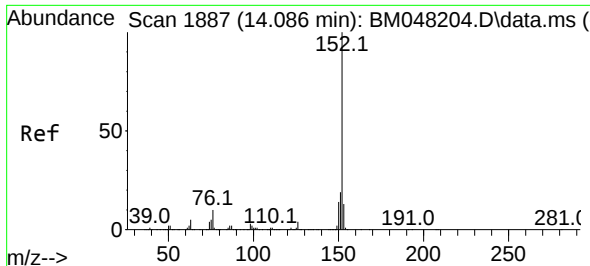
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#48
2-Nitroaniline
Concen: 21.654 ng
RT: 13.445 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

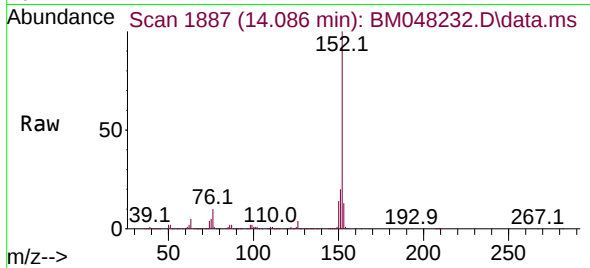
Tgt Ion: 65 Resp: 429409
Ion Ratio Lower Upper
65 100
92 71.1 56.0 84.0
138 109.6 90.8 136.2





#49
Acenaphthylene
Concen: 22.135 ng
RT: 14.086 min Scan# 1887
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

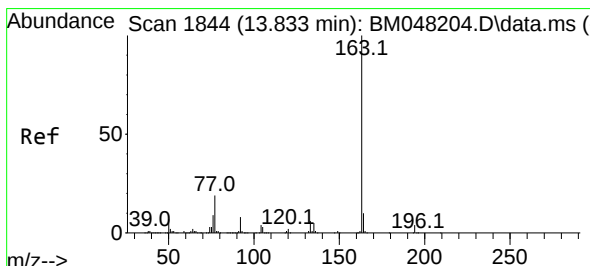
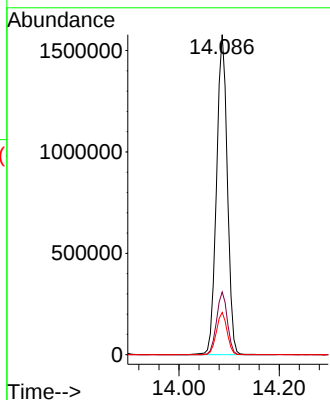
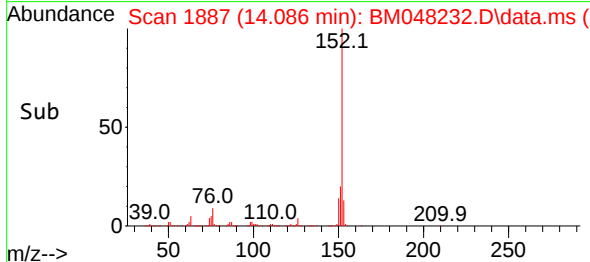
Instrument :
BNA_M
ClientSampleId :
PB164369BS



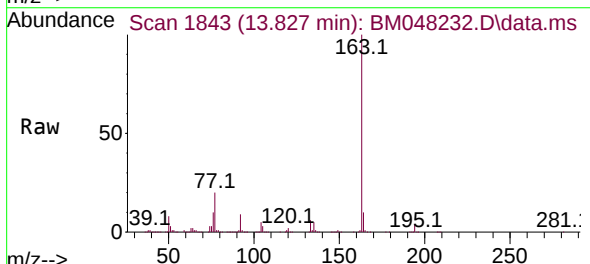
Tgt Ion:152 Resp: 236117
Ion Ratio Lower Upper
152 100
151 19.6 15.4 23.2
153 13.2 10.5 15.7

Manual Integrations
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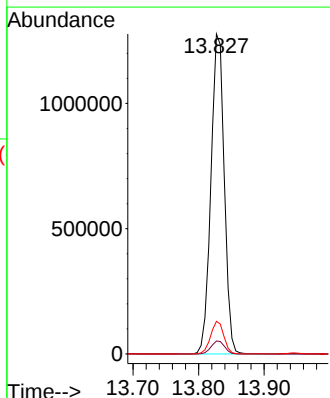
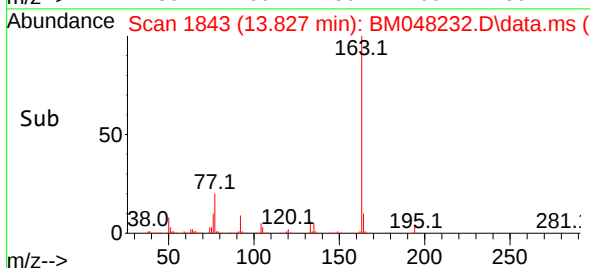
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

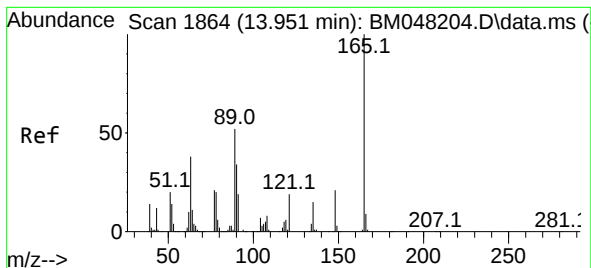


#50
Dimethylphthalate
Concen: 20.335 ng
RT: 13.827 min Scan# 1843
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



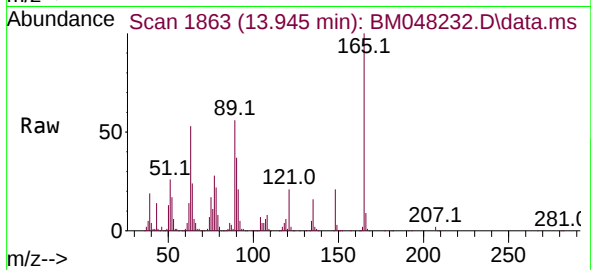
Tgt Ion:163 Resp: 1802937
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 7.8 11.6





#51
2,6-Dinitrotoluene
Concen: 19.713 ng
RT: 13.945 min Scan# 1863
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

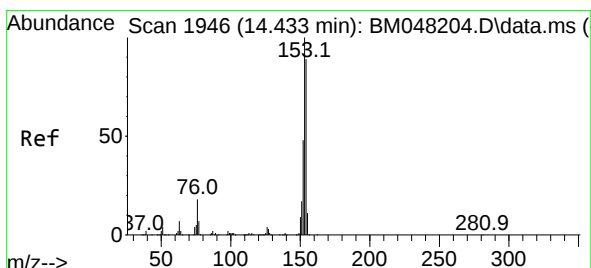
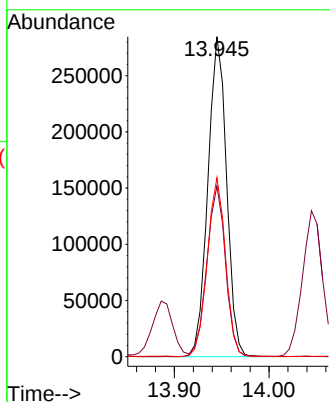
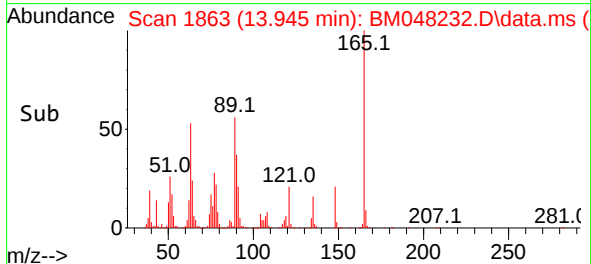
Instrument :
BNA_M
ClientSampleId :
PB164369BS



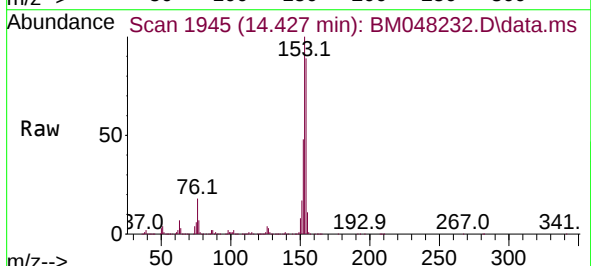
Tgt Ion:165 Resp: 38999
Ion Ratio Lower Upper
165 100
63 53.3 39.5 59.3
89 55.9 41.8 62.6

Manual Integrations
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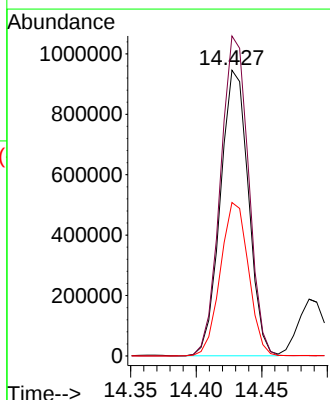
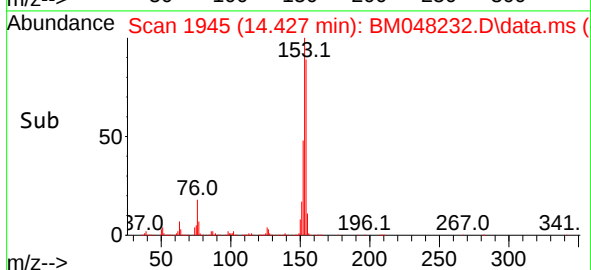
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

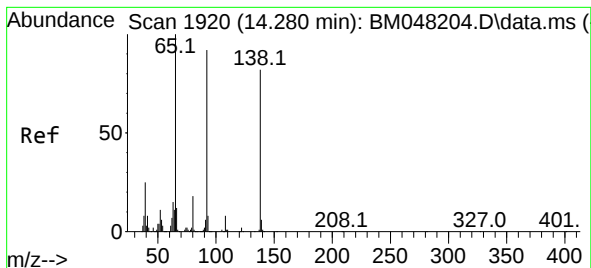


#52
Acenaphthene
Concen: 20.727 ng
RT: 14.427 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



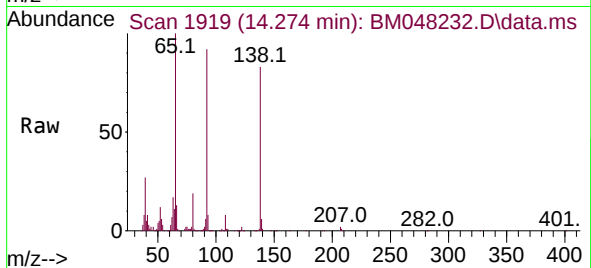
Tgt Ion:154 Resp: 1404831
Ion Ratio Lower Upper
154 100
153 112.0 90.4 135.6
152 53.7 43.6 65.4





#53
3-Nitroaniline
Concen: 12.546 ng
RT: 14.274 min Scan# 1919
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

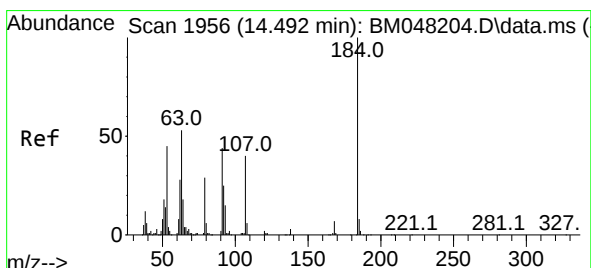
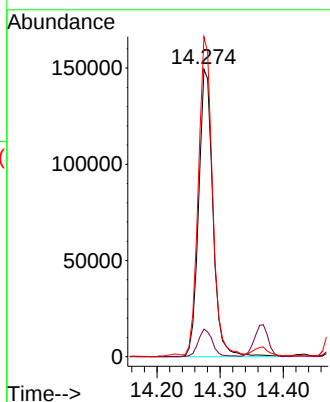
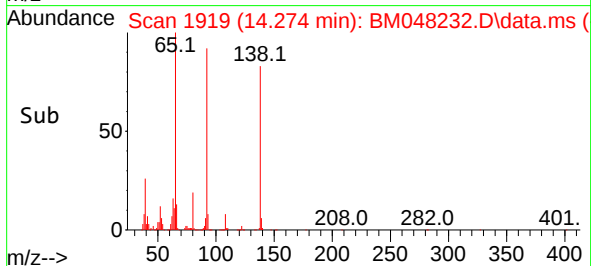
Instrument :
BNA_M
ClientSampleId :
PB164369BS



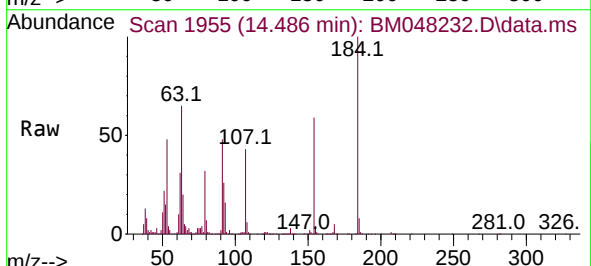
Tgt Ion:138 Resp: 23406
Ion Ratio Lower Upper
138 100
108 9.6 7.5 11.3
92 111.4 89.7 134.5

Manual Integrations
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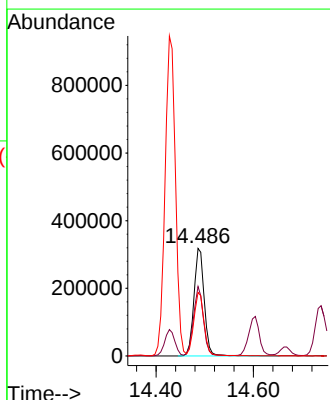
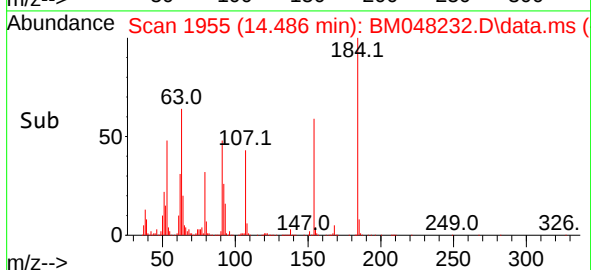
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

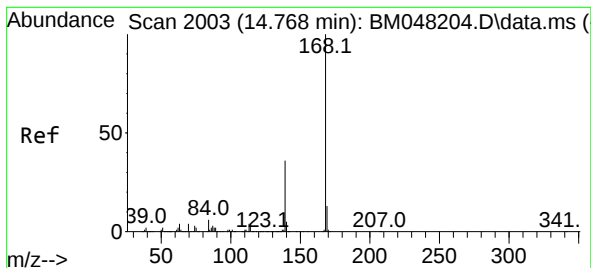


#54
2,4-Dinitrophenol
Concen: 40.666 ng
RT: 14.486 min Scan# 1955
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



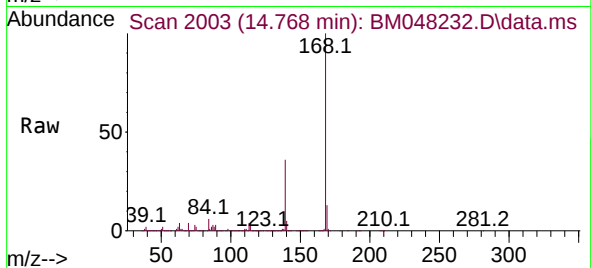
Tgt Ion:184 Resp: 470124
Ion Ratio Lower Upper
184 100
63 64.6 47.2 70.8
154 59.1 46.0 69.0





#55
Dibenzenofuran
Concen: 20.263 ng
RT: 14.768 min Scan# 2003
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

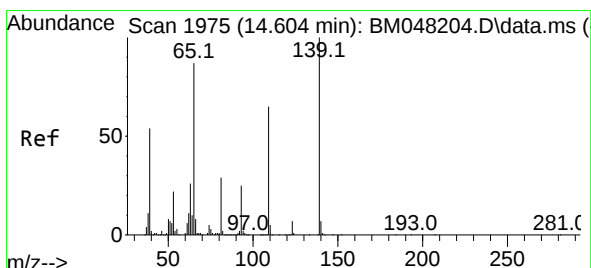
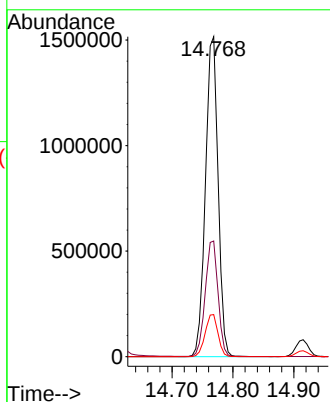
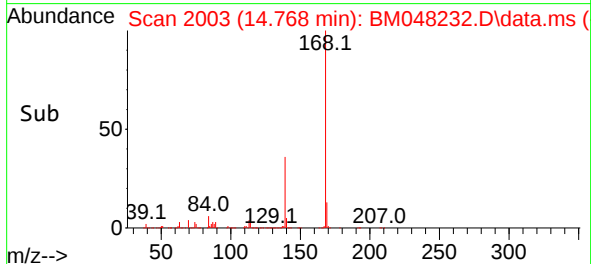
Instrument :
BNA_M
ClientSampleId :
PB164369BS



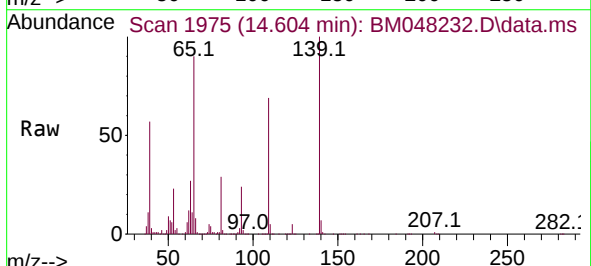
Tgt Ion:168 Resp: 218195
Ion Ratio Lower Upper
168 100
139 36.2 29.0 43.6
169 13.2 10.4 15.6

Manual Integrations
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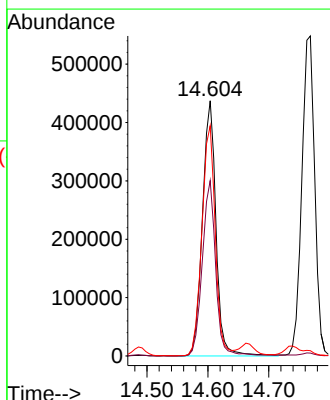
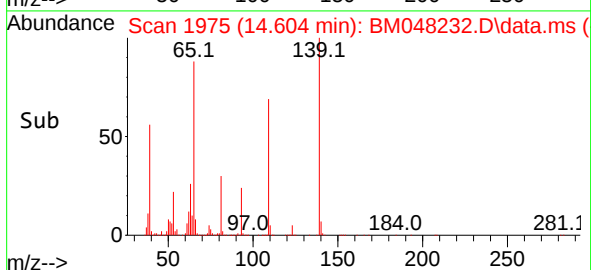
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

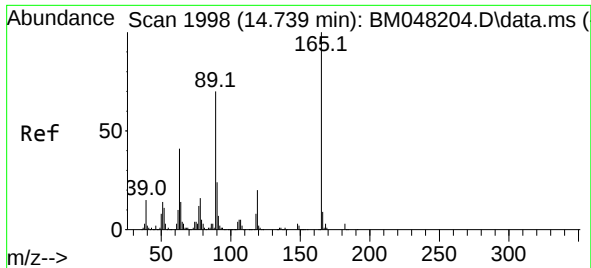


#56
4-Nitrophenol
Concen: 40.677 ng
RT: 14.604 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



Tgt Ion:139 Resp: 677310
Ion Ratio Lower Upper
139 100
109 68.7 45.4 85.4
65 90.2 67.3 107.3





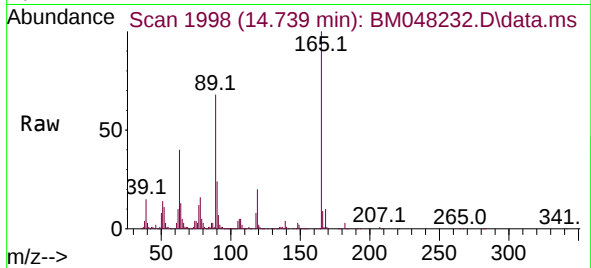
#57
2,4-Dinitrotoluene
Concen: 20.025 ng
RT: 14.739 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

Instrument :

BNA_M

ClientSampleId :

PB164369BS

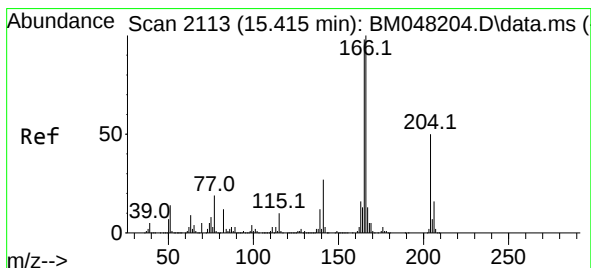
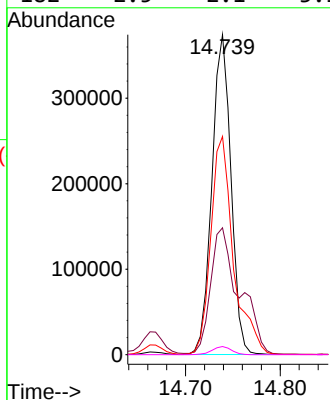
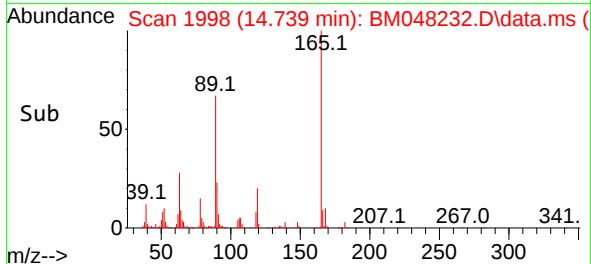


Tgt Ion:165 Resp: 523160
Ion Ratio Lower Upper
165 100
63 39.7 33.0 49.4
89 68.2 55.8 83.6
182 2.5 2.1 3.1

Manual Integrations

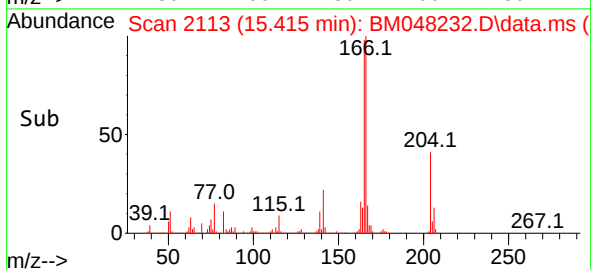
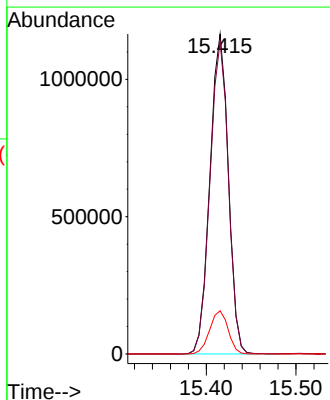
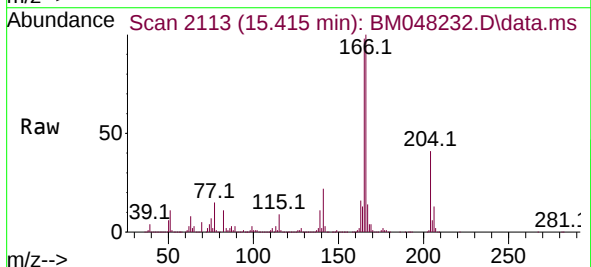
APPROVED

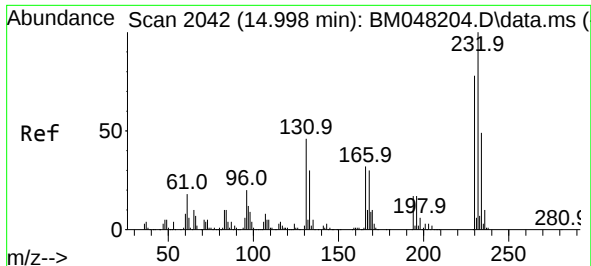
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#58
Fluorene
Concen: 19.528 ng
RT: 15.415 min Scan# 2113
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

Tgt Ion:166 Resp: 1662732
Ion Ratio Lower Upper
166 100
165 97.6 78.4 117.6
167 13.5 10.8 16.2





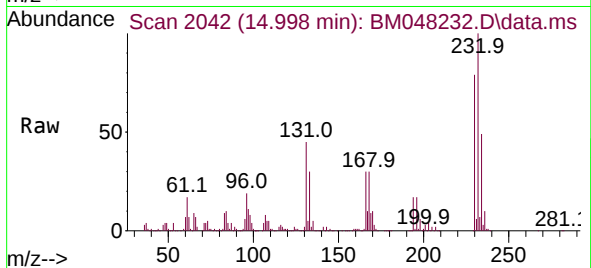
#59
2,3,4,6-Tetrachlorophenol
Concen: 20.565 ng
RT: 14.998 min Scan# 2042
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

Instrument :

BNA_M

ClientSampleId :

PB164369BS

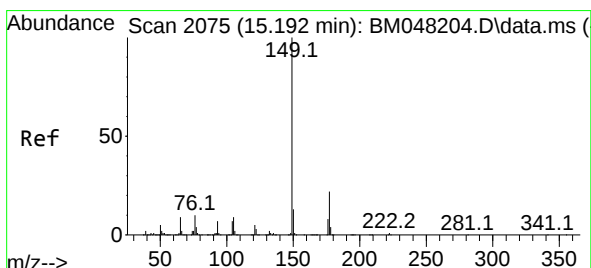
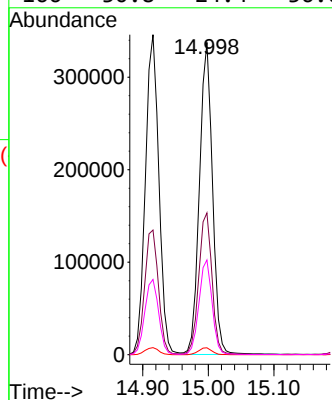
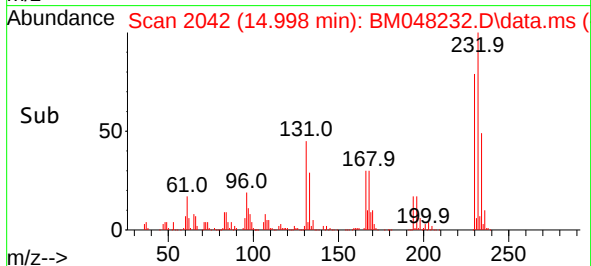


Tgt Ion:232 Resp: 468269
Ion Ratio Lower Upper
232 100
131 46.1 35.5 53.3
130 2.3 1.8 2.6
166 30.8 24.4 36.6

Manual Integrations

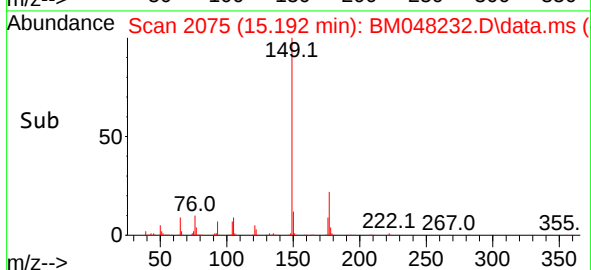
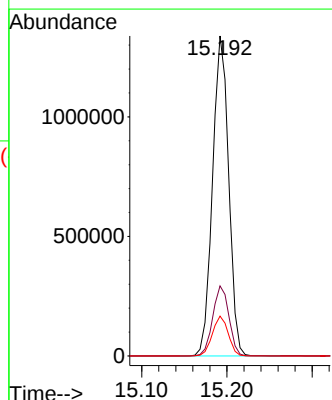
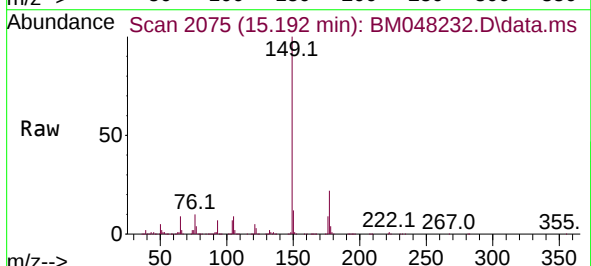
APPROVED

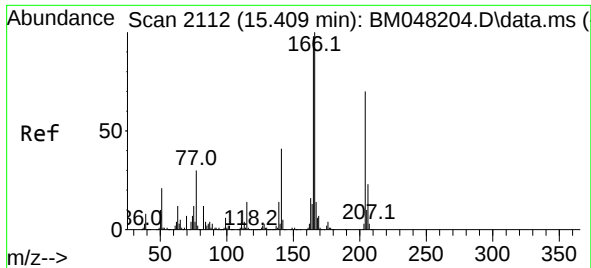
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#60
Diethylphthalate
Concen: 19.576 ng
RT: 15.192 min Scan# 2075
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

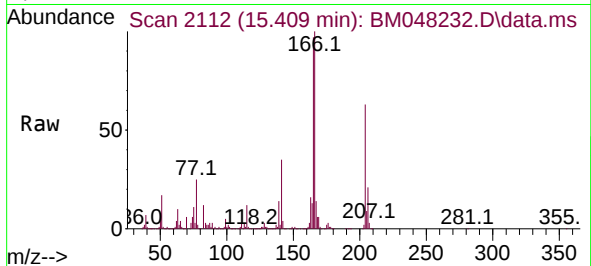
Tgt Ion:149 Resp: 1757354
Ion Ratio Lower Upper
149 100
177 21.9 17.5 26.3
150 12.4 10.1 15.1





#61
4-Chlorophenyl-phenylether
Concen: 19.881 ng
RT: 15.409 min Scan# 2112
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

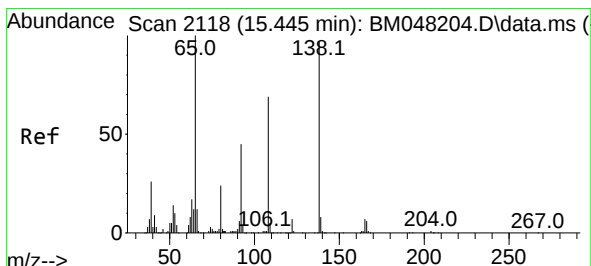
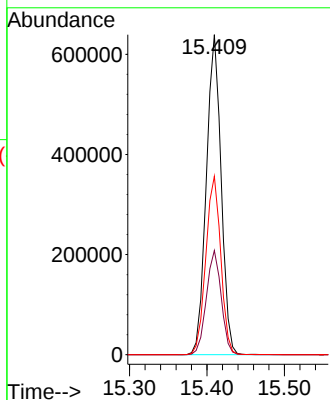
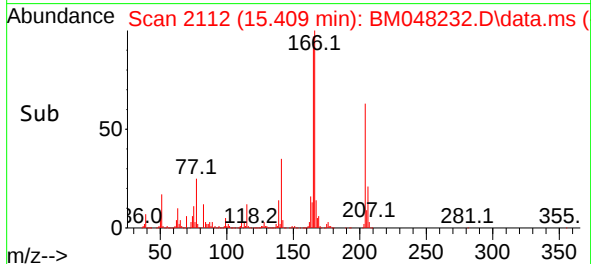
Instrument :
BNA_M
ClientSampleId :
PB164369BS



Tgt Ion:204 Resp: 846419
Ion Ratio Lower Upper
204 100
206 32.5 26.2 39.4
141 55.8 47.0 70.6

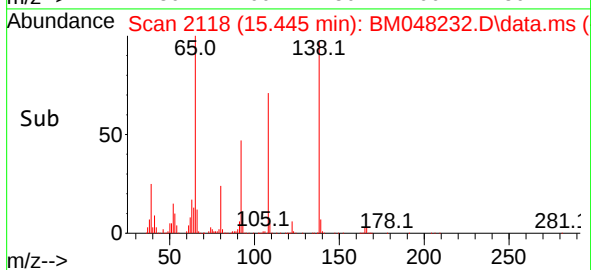
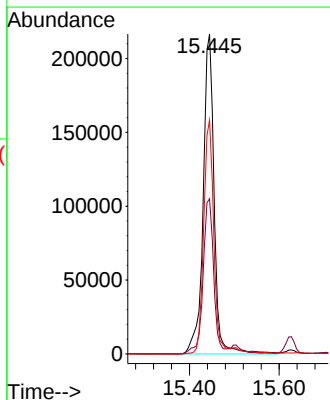
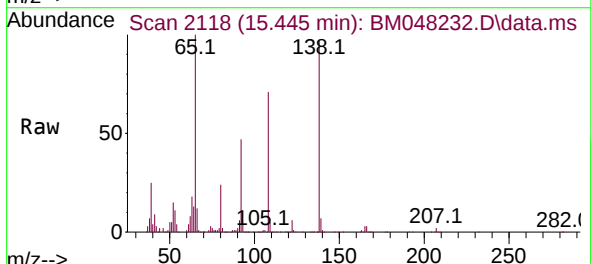
Manual Integrations
APPROVED

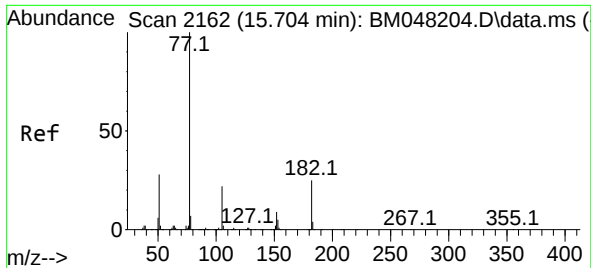
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#62
4-Nitroaniline
Concen: 19.095 ng
RT: 15.445 min Scan# 2118
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

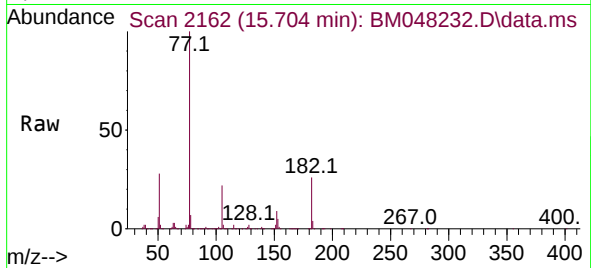
Tgt Ion:138 Resp: 368691
Ion Ratio Lower Upper
138 100
92 48.5 26.9 66.9
108 73.1 51.3 91.3





#63
Azobenzene
Concen: 20.669 ng
RT: 15.704 min Scan# 2162
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

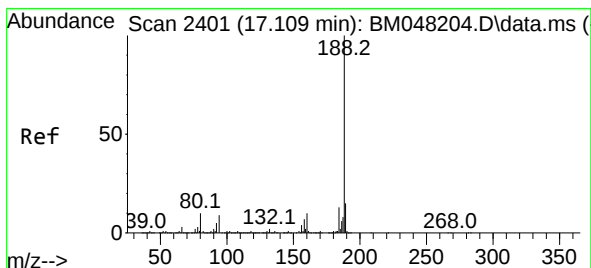
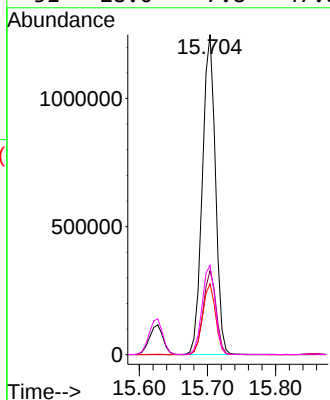
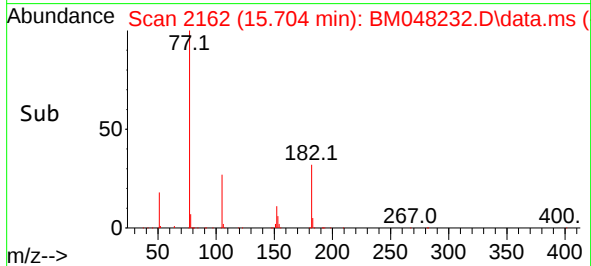
Instrument :
BNA_M
ClientSampleId :
PB164369BS



Tgt Ion: 77 Resp: 1663024
Ion Ratio Lower Upper
77 100
182 26.3 5.3 45.3
105 22.2 1.6 41.6
51 28.0 7.8 47.8

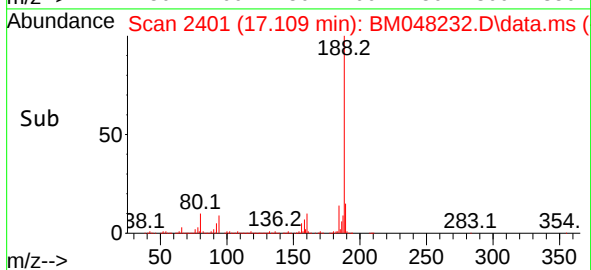
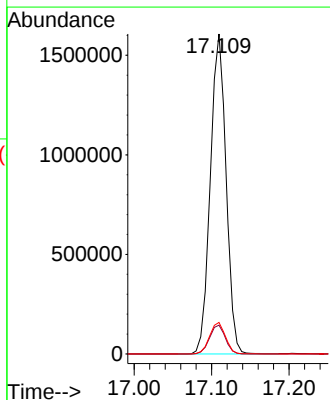
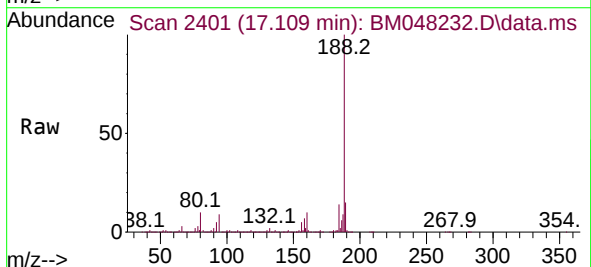
Manual Integrations
APPROVED

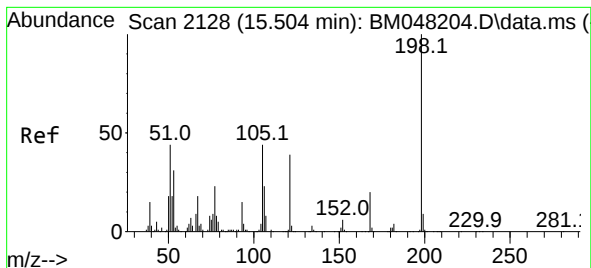
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.109 min Scan# 2401
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

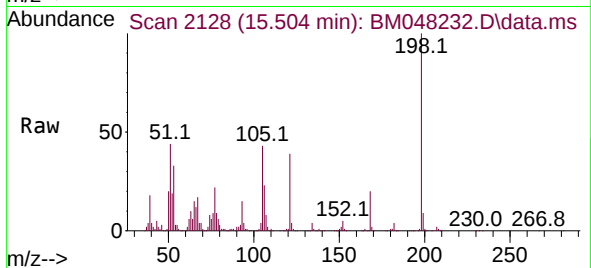
Tgt Ion:188 Resp: 2277273
Ion Ratio Lower Upper
188 100
94 9.0 7.3 10.9
80 9.9 8.0 12.0





#65
4,6-Dinitro-2-methylphenol
Concen: 22.384 ng
RT: 15.504 min Scan# 2128
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

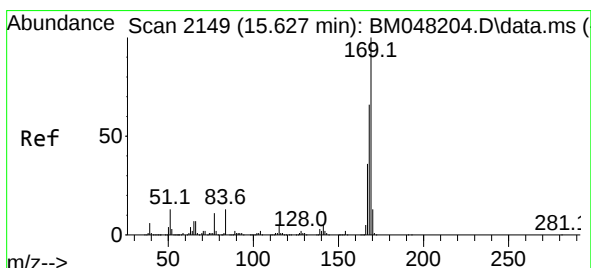
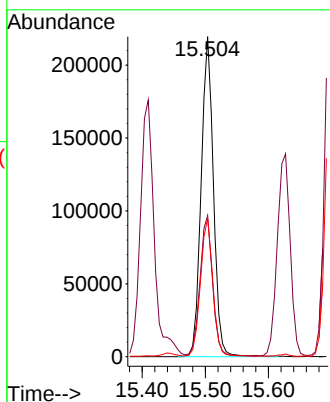
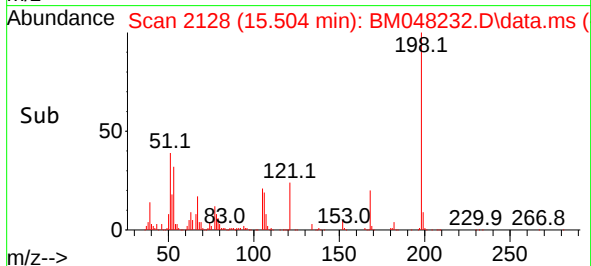
Instrument :
BNA_M
ClientSampleId :
PB164369BS



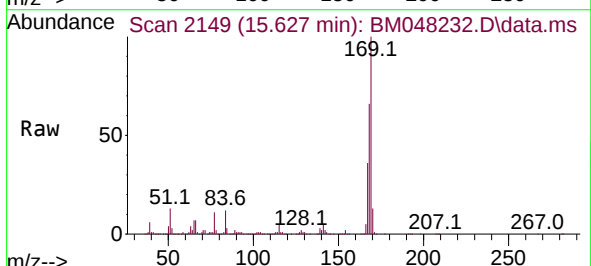
Tgt Ion:198 Resp: 295758
Ion Ratio Lower Upper
198 100
51 44.1 25.4 65.4
105 43.3 23.9 63.9

Manual Integrations
APPROVED

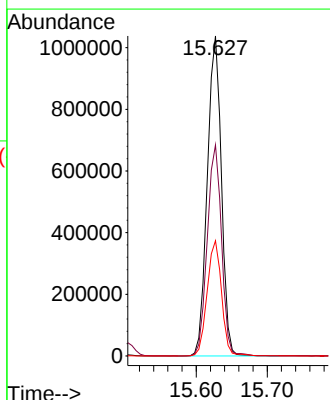
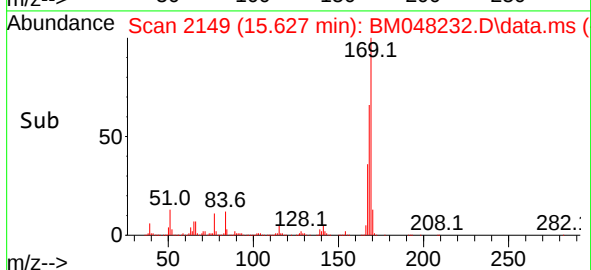
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

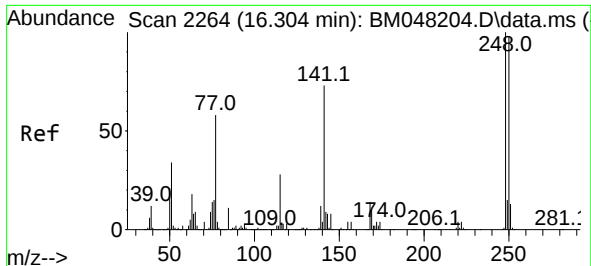


#66
n-Nitrosodiphenylamine
Concen: 22.911 ng
RT: 15.627 min Scan# 2149
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



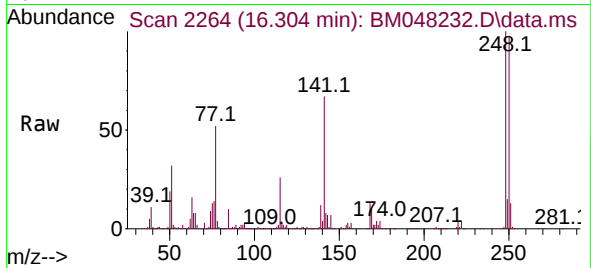
Tgt Ion:169 Resp: 1432292
Ion Ratio Lower Upper
169 100
168 65.9 52.9 79.3
167 36.0 29.3 43.9





#67
4-Bromophenyl-phenylether
Concen: 22.138 ng
RT: 16.304 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

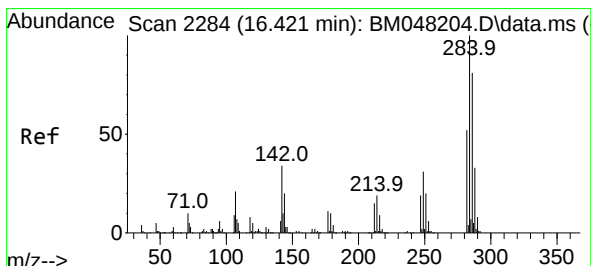
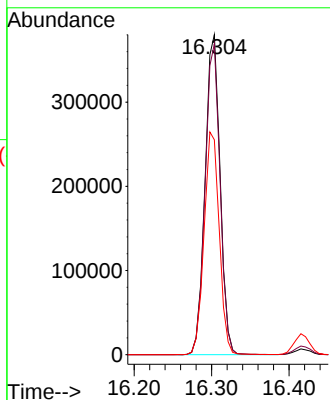
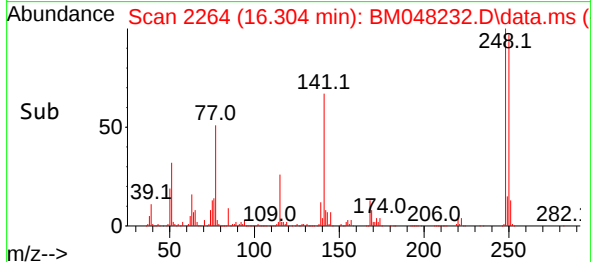
Instrument :
BNA_M
ClientSampleId :
PB164369BS



Tgt Ion:248 Resp: 511134
Ion Ratio Lower Upper
248 100
250 97.2 78.3 117.5
141 67.2 58.0 87.0

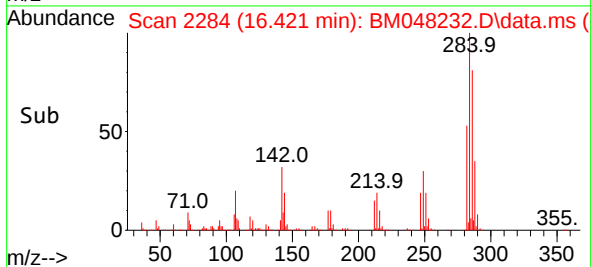
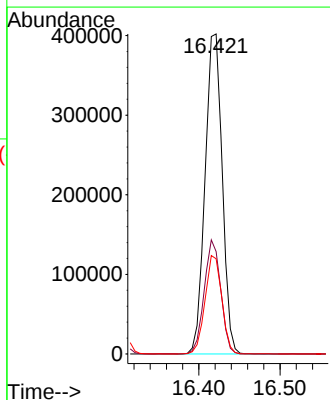
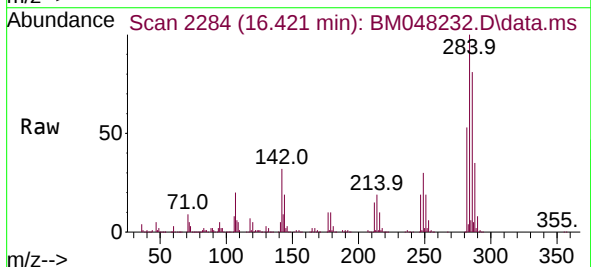
Manual Integrations
APPROVED

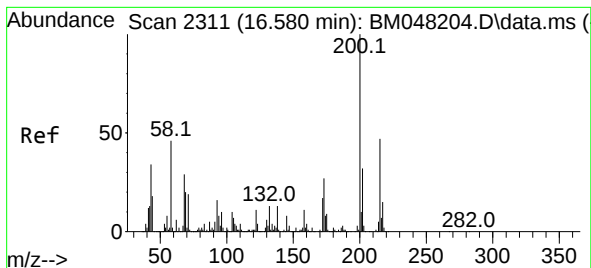
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#68
Hexachlorobenzene
Concen: 21.210 ng
RT: 16.421 min Scan# 2284
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

Tgt Ion:284 Resp: 588177
Ion Ratio Lower Upper
284 100
142 32.0 27.0 40.4
249 29.8 24.6 36.8





#69

Atrazine

Concen: 27.389 ng

RT: 16.580 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048232.D

Acq: 25 Oct 2024 12:19

Instrument :

BNA_M

ClientSampleId :

PB164369BS

Tgt Ion:200 Resp: 47909

Ion Ratio Lower Upper

200 100

173 26.6 6.5 46.5

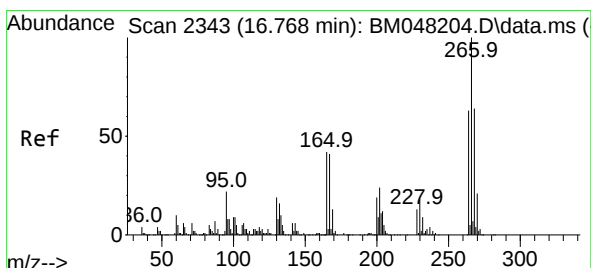
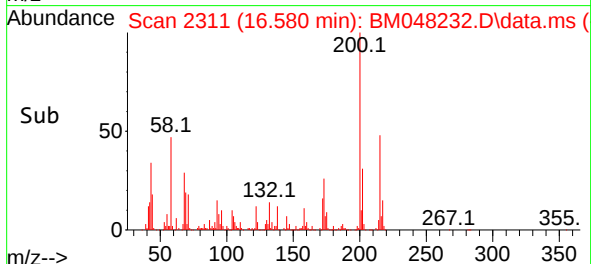
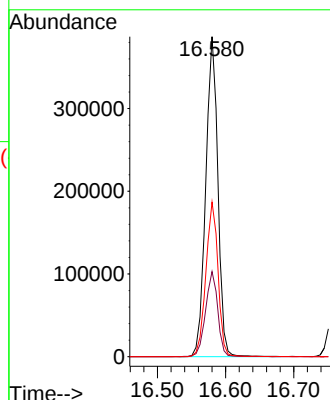
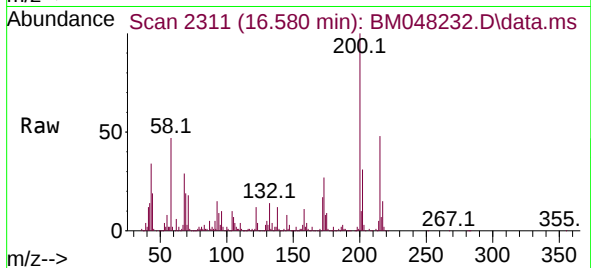
215 48.3 27.2 67.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#70

Pentachlorophenol

Concen: 41.705 ng

RT: 16.762 min Scan# 2342

Delta R.T. -0.006 min

Lab File: BM048232.D

Acq: 25 Oct 2024 12:19

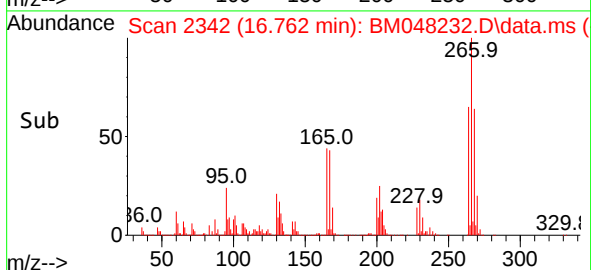
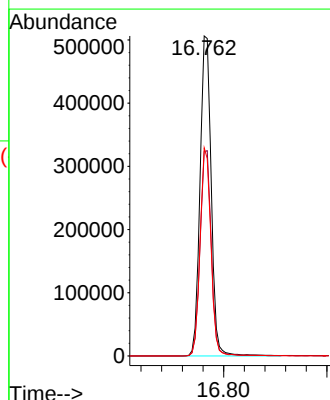
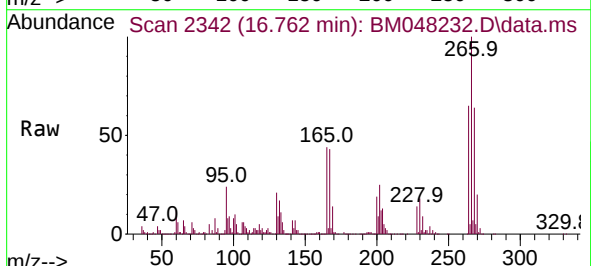
Tgt Ion:266 Resp: 759290

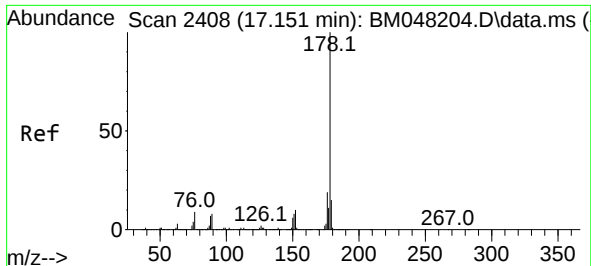
Ion Ratio Lower Upper

266 100

268 63.9 50.8 76.2

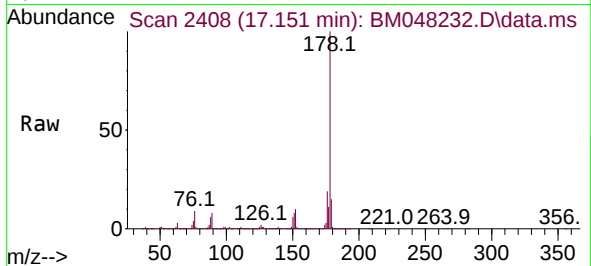
264 65.1 50.2 75.2





#71
Phenanthrene
Concen: 21.511 ng
RT: 17.151 min Scan# 2408
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

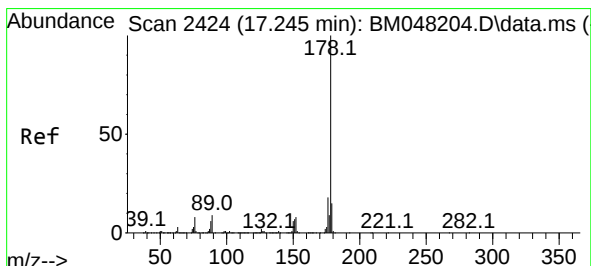
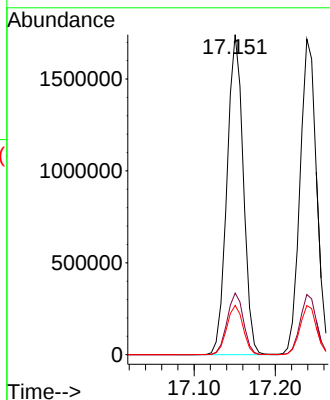
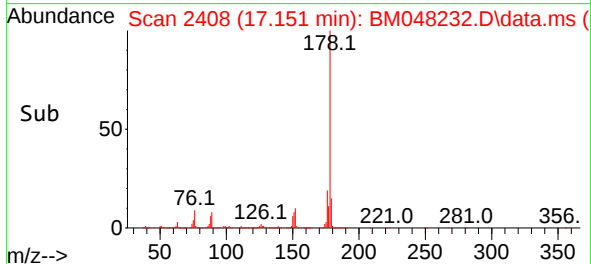
Instrument :
BNA_M
ClientSampleId :
PB164369BS



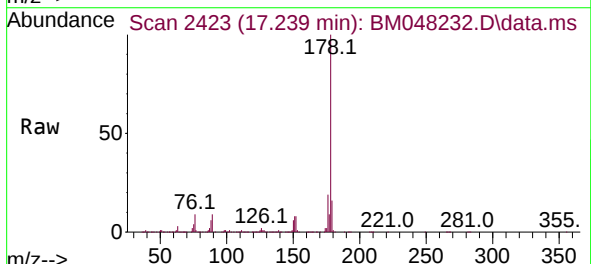
Tgt Ion:178 Resp: 2425725
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.0
179 15.4 12.4 18.6

Manual Integrations
APPROVED

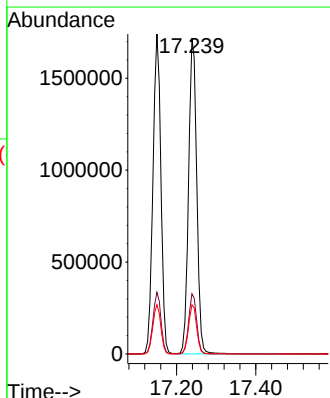
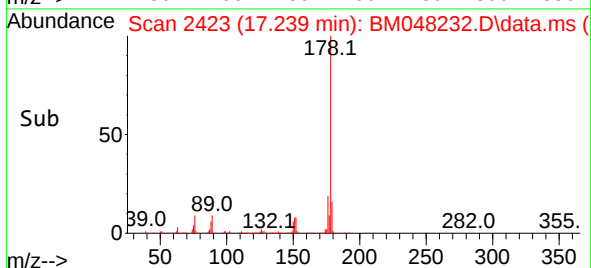
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

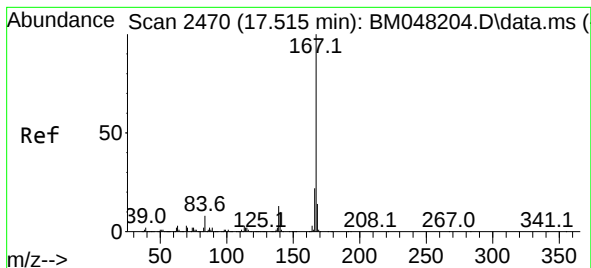


#72
Anthracene
Concen: 22.570 ng
RT: 17.239 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



Tgt Ion:178 Resp: 2463705
Ion Ratio Lower Upper
178 100
176 19.0 14.8 22.2
179 15.6 12.2 18.2





#73

Carbazole

Concen: 20.242 ng

RT: 17.515 min Scan# 2470

Delta R.T. 0.000 min

Lab File: BM048232.D

Acq: 25 Oct 2024 12:19

Instrument :

BNA_M

ClientSampleId :

PB164369BS

Tgt Ion:167 Resp: 216616

Ion Ratio Lower Upper

167 100

166 20.9 17.2 25.8

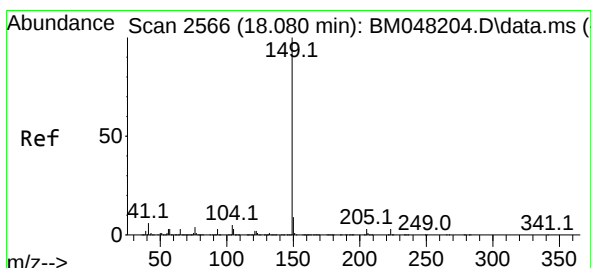
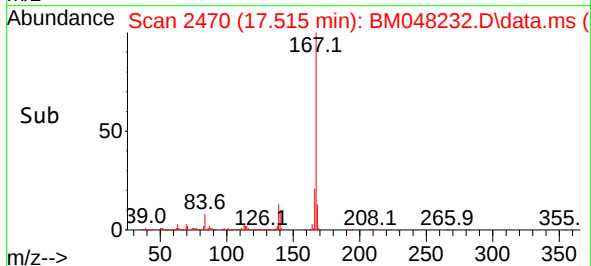
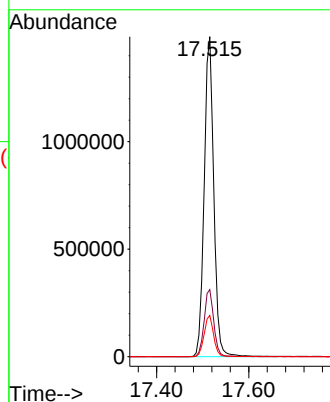
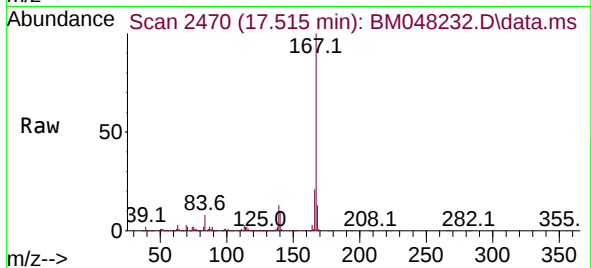
139 12.9 10.4 15.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#74

Di-n-butylphthalate

Concen: 20.656 ng

RT: 18.074 min Scan# 2565

Delta R.T. -0.006 min

Lab File: BM048232.D

Acq: 25 Oct 2024 12:19

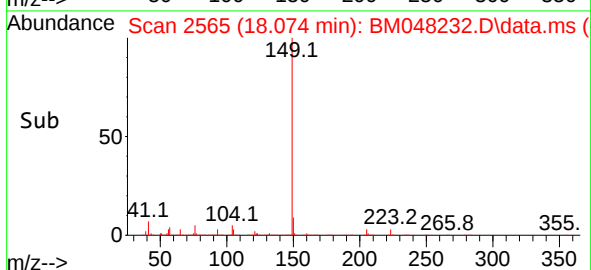
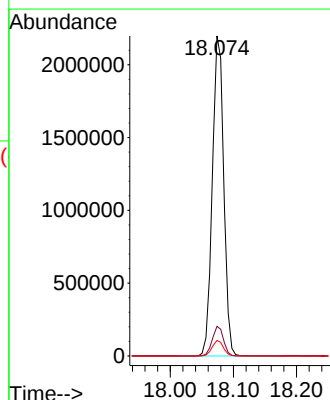
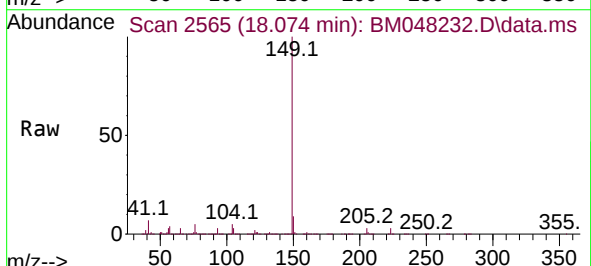
Tgt Ion:149 Resp: 2751370

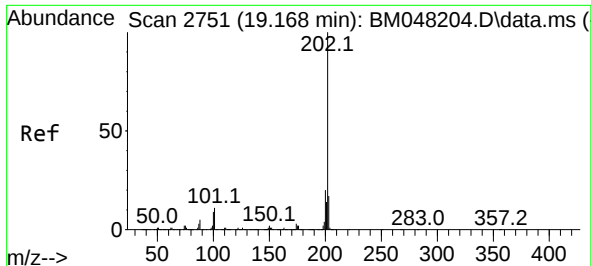
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

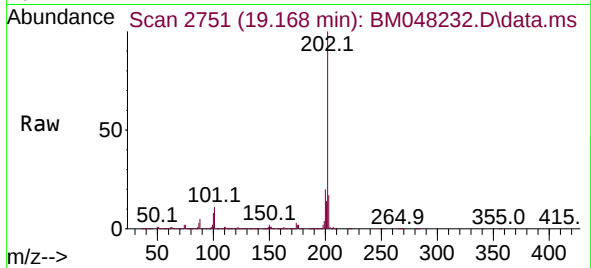
104 4.9 3.8 5.6





#75
Fluoranthene
Concen: 18.819 ng
RT: 19.168 min Scan# 21
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

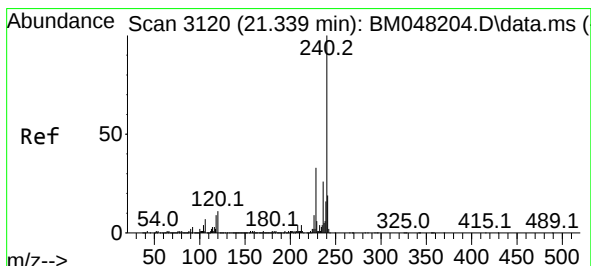
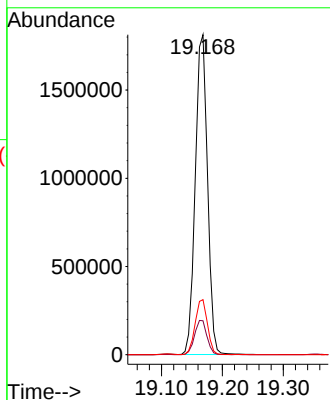
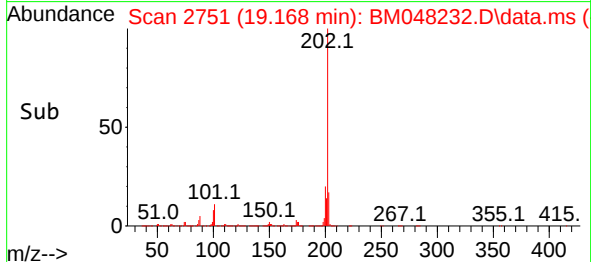
Instrument :
BNA_M
ClientSampleId :
PB164369BS



Tgt Ion:202 Resp: 2531360
Ion Ratio Lower Upper
202 100
101 10.6 0.0 31.0
203 17.2 0.0 37.5

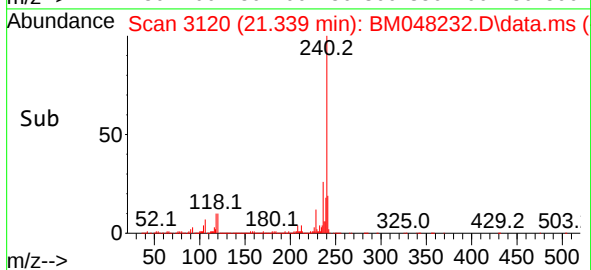
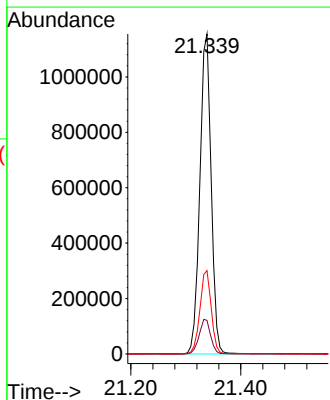
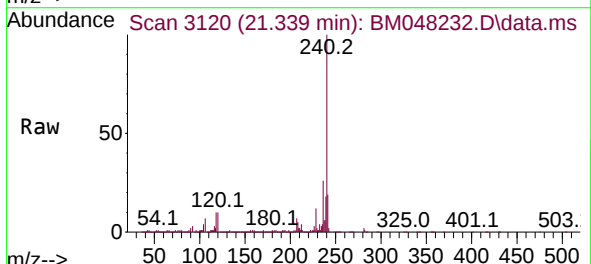
Manual Integrations
APPROVED

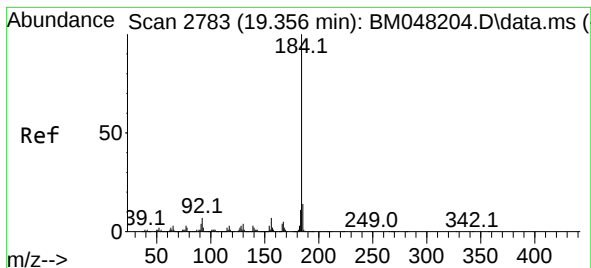
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.339 min Scan# 3120
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

Tgt Ion:240 Resp: 1649364
Ion Ratio Lower Upper
240 100
120 10.5 8.6 13.0
236 26.1 20.7 31.1





#77

Benzidine

Concen: 45.704 ng

RT: 19.356 min Scan# 21

Delta R.T. 0.000 min

Lab File: BM048232.D

Acq: 25 Oct 2024 12:19

Instrument :

BNA_M

ClientSampleId :

PB164369BS

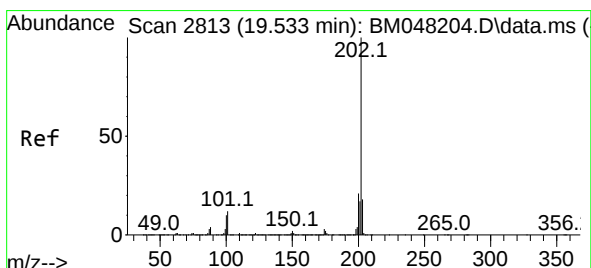
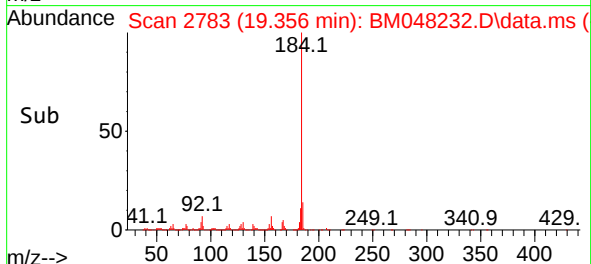
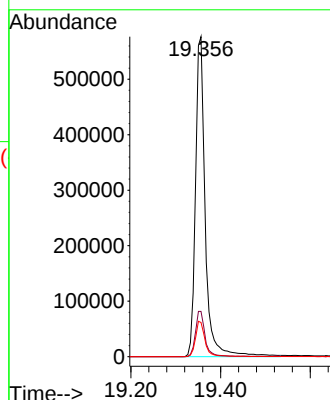
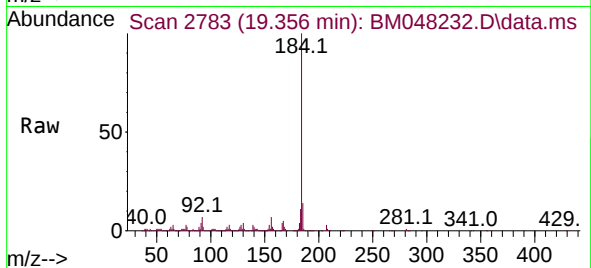
Tgt Ion:184 Resp: 86999
 Ion Ratio Lower Upper
 184 100
 185 14.1 11.4 17.0
 183 10.7 9.0 13.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#78

Pyrene

Concen: 24.194 ng

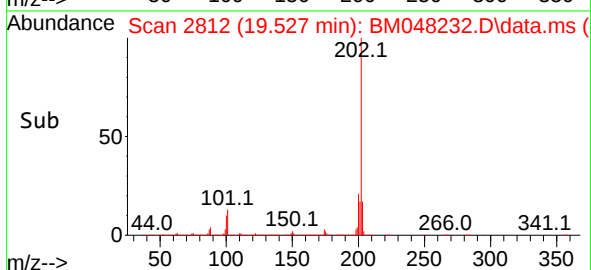
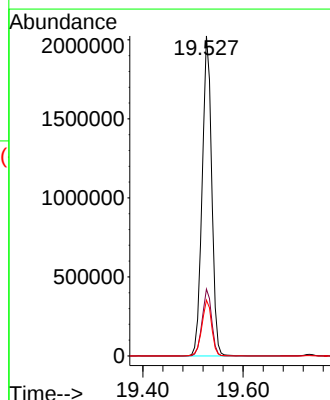
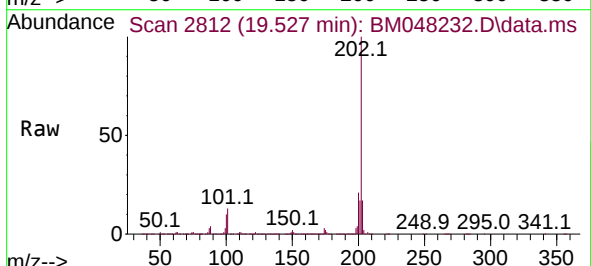
RT: 19.527 min Scan# 2812

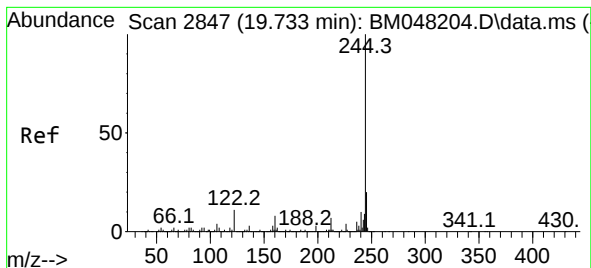
Delta R.T. -0.006 min

Lab File: BM048232.D

Acq: 25 Oct 2024 12:19

Tgt Ion:202 Resp: 2670908
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.9 25.3
 203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 48.227 ng

RT: 19.733 min Scan# 21

Delta R.T. -0.000 min

Lab File: BM048232.D

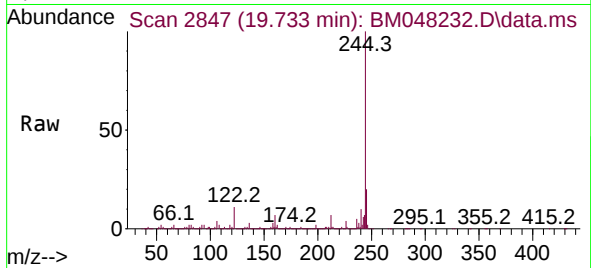
Acq: 25 Oct 2024 12:19

Instrument :

BNA_M

ClientSampleId :

PB164369BS



Tgt Ion:244 Resp: 389781

Ion Ratio Lower Upper

244 100

212 7.0 5.6 8.4

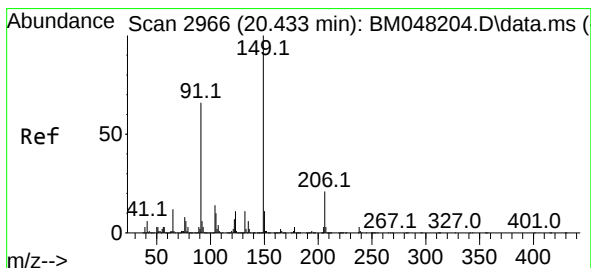
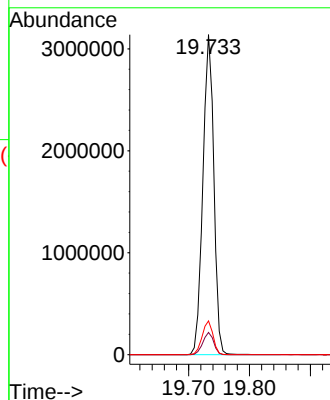
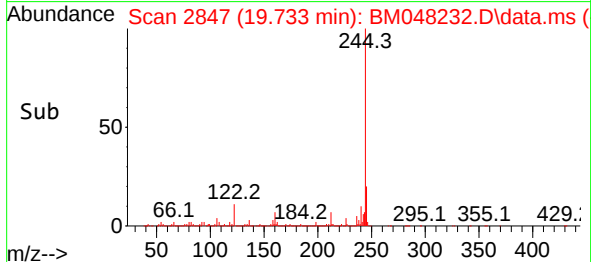
122 10.5 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#80

Butylbenzylphthalate

Concen: 22.806 ng

RT: 20.427 min Scan# 2965

Delta R.T. -0.006 min

Lab File: BM048232.D

Acq: 25 Oct 2024 12:19

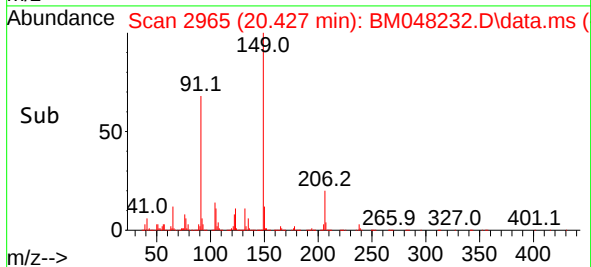
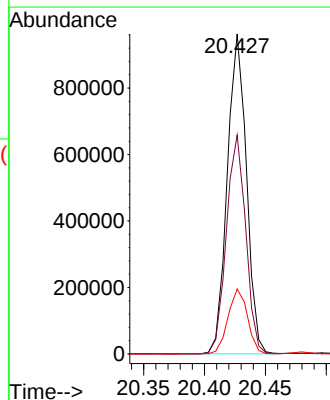
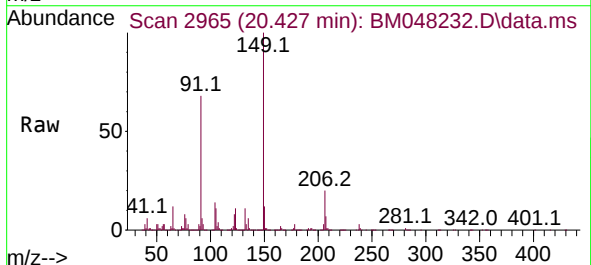
Tgt Ion:149 Resp: 1052820

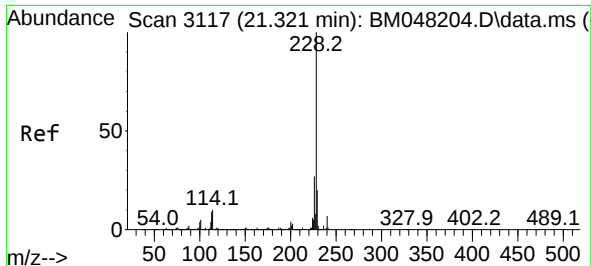
Ion Ratio Lower Upper

149 100

91 68.4 52.5 78.7

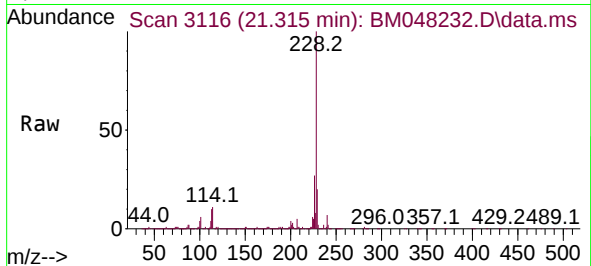
206 20.3 17.0 25.6





#81
Benzo(a)anthracene
Concen: 22.139 ng
RT: 21.315 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

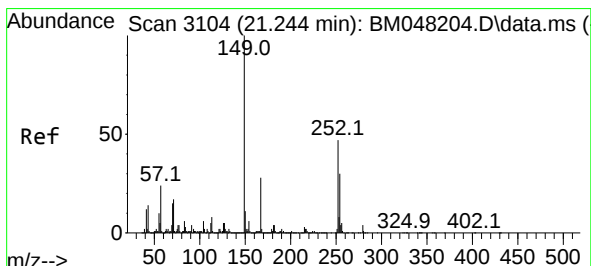
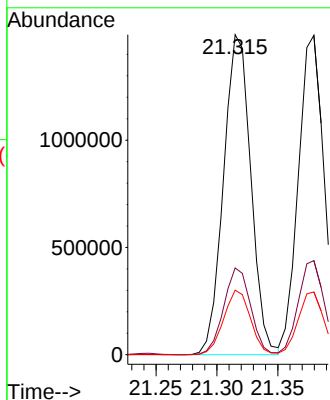
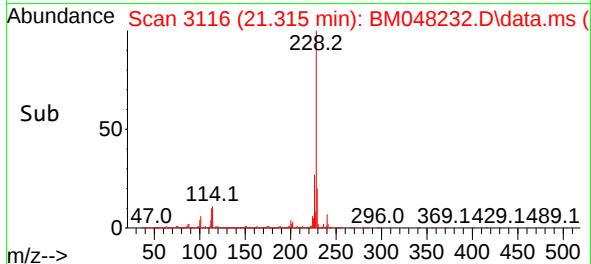
Instrument :
BNA_M
ClientSampleId :
PB164369BS



Tgt Ion:228 Resp: 2333439
Ion Ratio Lower Upper
228 100
226 27.1 21.5 32.3
229 20.1 15.7 23.5

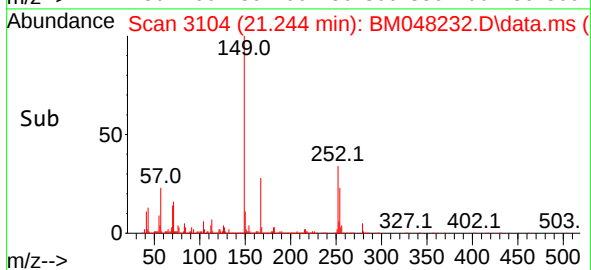
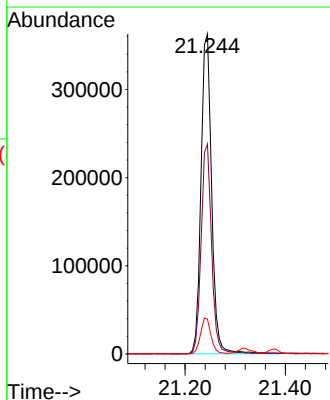
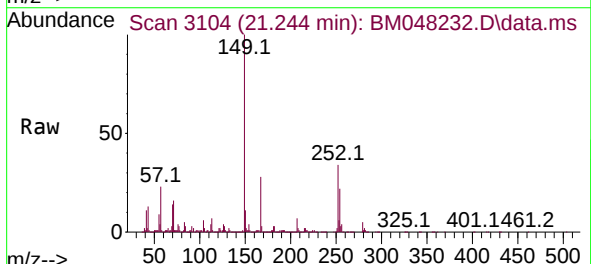
Manual Integrations
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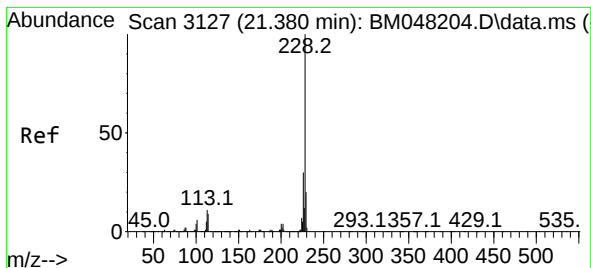
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#82
3,3'-Dichlorobenzidine
Concen: 14.833 ng
RT: 21.244 min Scan# 3104
Delta R.T. 0.000 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

Tgt Ion:252 Resp: 535488
Ion Ratio Lower Upper
252 100
254 65.6 51.8 77.8
126 10.9 8.8 13.2





#83

Chrysene

Concen: 21.778 ng

RT: 21.380 min Scan# 3127

Delta R.T. 0.000 min

Lab File: BM048232.D

Acq: 25 Oct 2024 12:19

Instrument :

BNA_M

ClientSampleId :

PB164369BS

Tgt Ion:228 Resp: 2203280

Ion Ratio Lower Upper

228 100

226 29.5 23.5 35.3

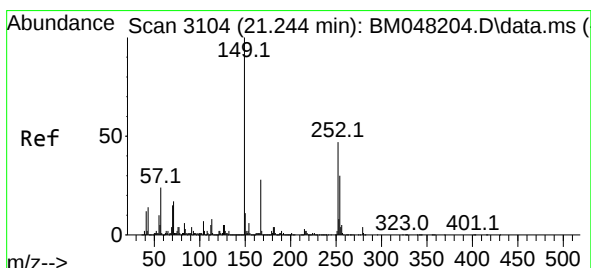
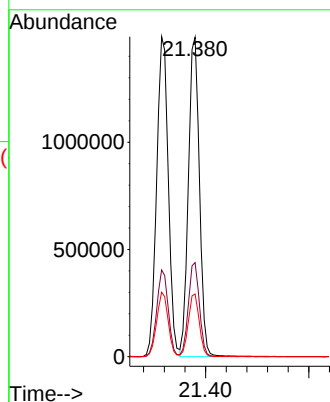
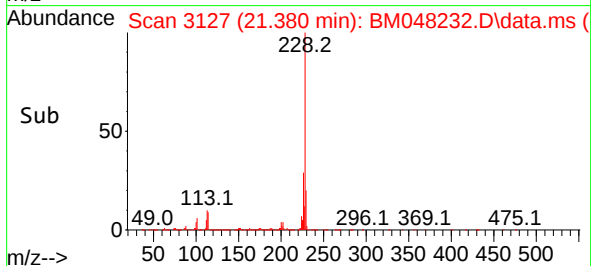
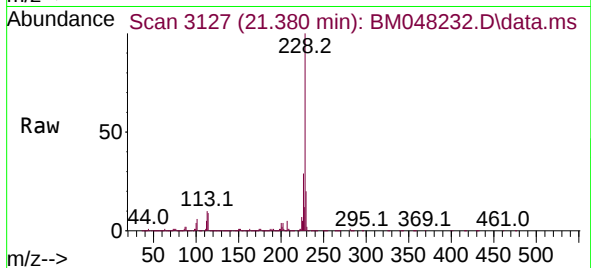
229 19.6 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 22.863 ng

RT: 21.239 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BM048232.D

Acq: 25 Oct 2024 12:19

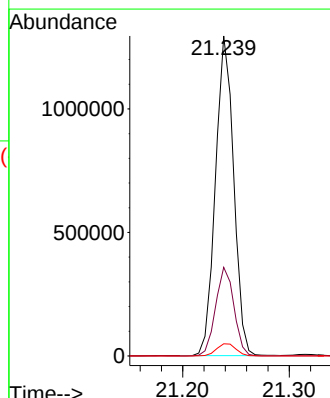
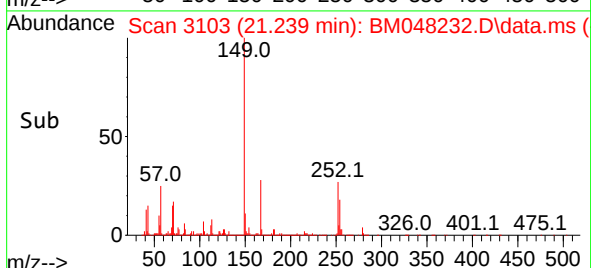
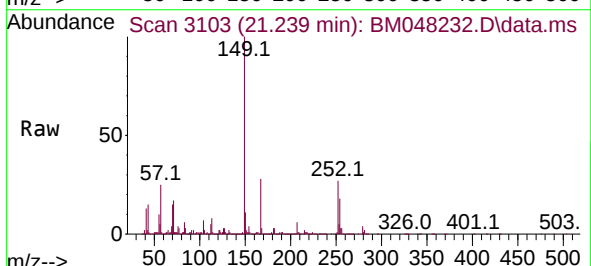
Tgt Ion:149 Resp: 1534014

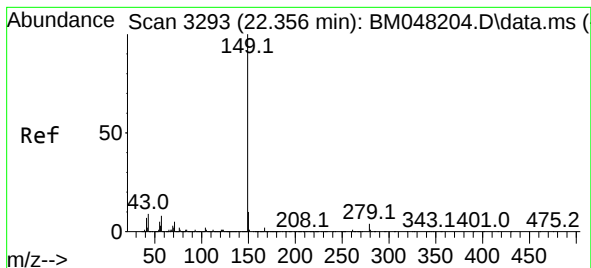
Ion Ratio Lower Upper

149 100

167 27.7 22.5 33.7

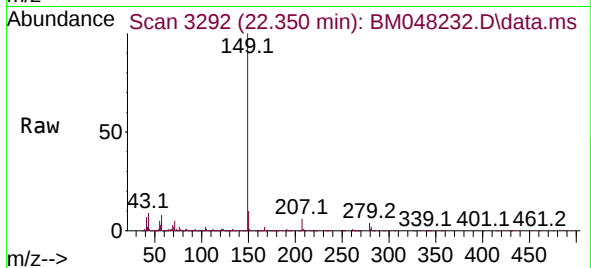
279 3.8 3.3 4.9





#85
Di-n-octyl phthalate
Concen: 21.520 ng
RT: 22.350 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

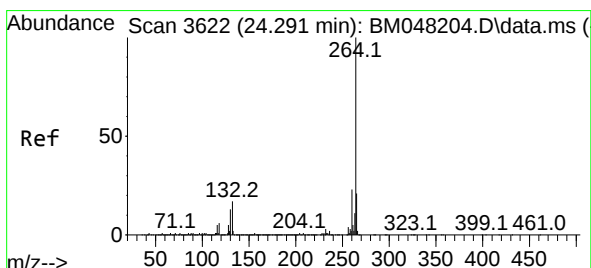
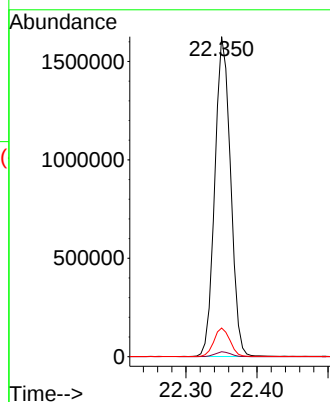
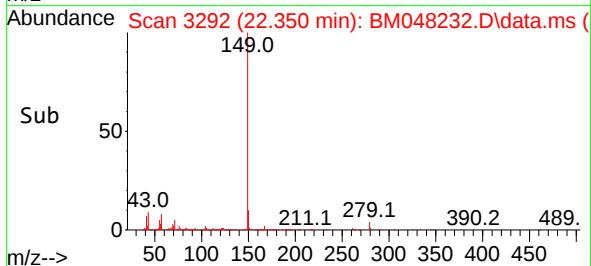
Instrument :
BNA_M
ClientSampleId :
PB164369BS



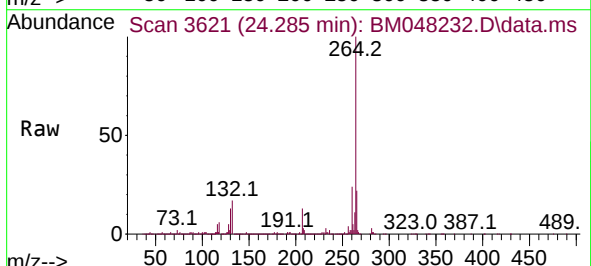
Tgt Ion:149 Resp: 250079
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 9.1 7.3 10.9

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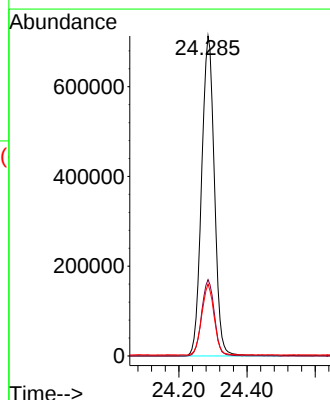
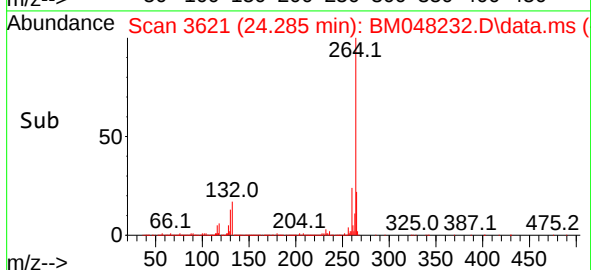
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

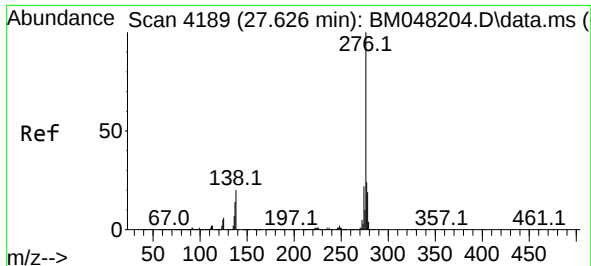


#86
Perylene-d12
Concen: 20.000 ng
RT: 24.285 min Scan# 3621
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



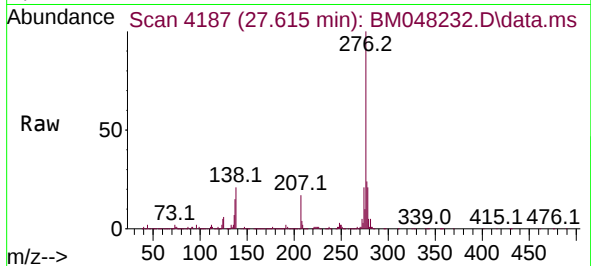
Tgt Ion:264 Resp: 1859426
Ion Ratio Lower Upper
264 100
260 23.9 18.6 27.8
265 22.5 17.4 26.2





#87
Indeno(1,2,3-cd)pyrene
Concen: 22.569 ng
RT: 27.615 min Scan# 4189
Delta R.T. -0.012 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

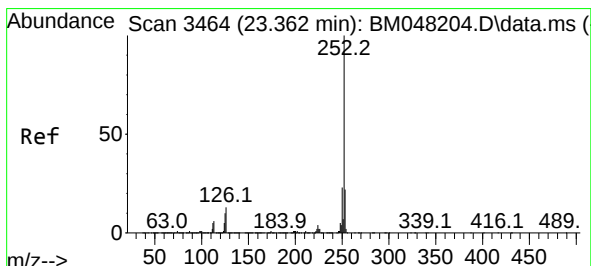
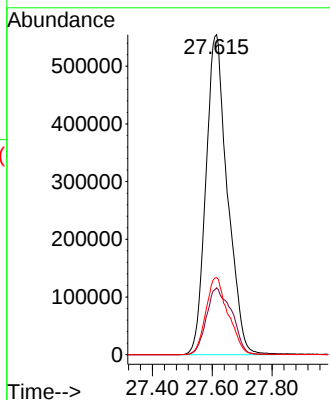
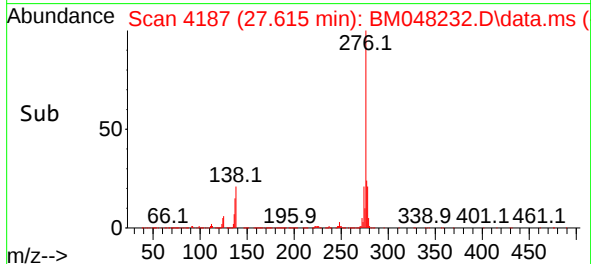
Instrument :
BNA_M
ClientSampleId :
PB164369BS



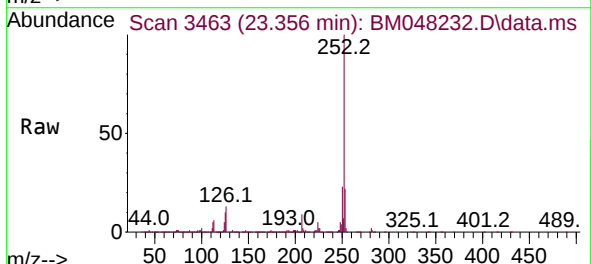
Tgt Ion:276 Resp: 2775090
Ion Ratio Lower Upper
276 100
138 24.6 19.8 29.6
277 25.1 20.0 30.0

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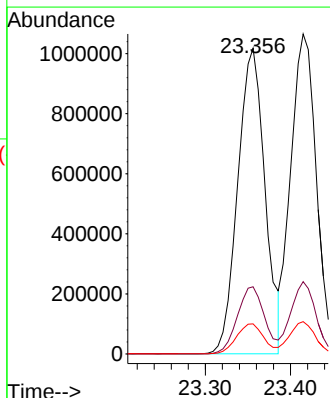
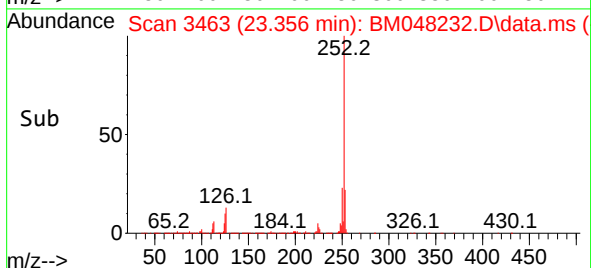
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024

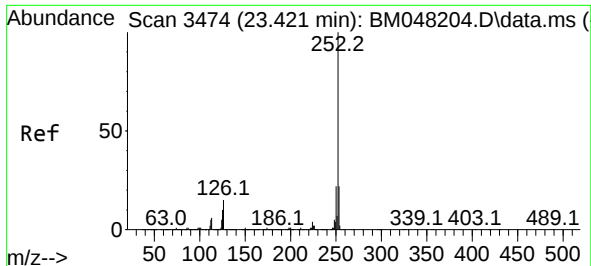


#88
Benzo(b)fluoranthene
Concen: 21.193 ng
RT: 23.356 min Scan# 3463
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19



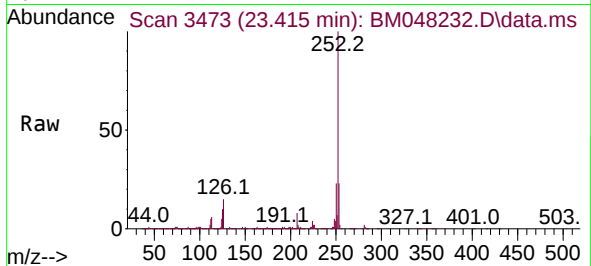
Tgt Ion:252 Resp: 2259445
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.8 7.9 11.9





#89
Benzo(k)fluoranthene
Concen: 21.679 ng
RT: 23.415 min Scan# 3474
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

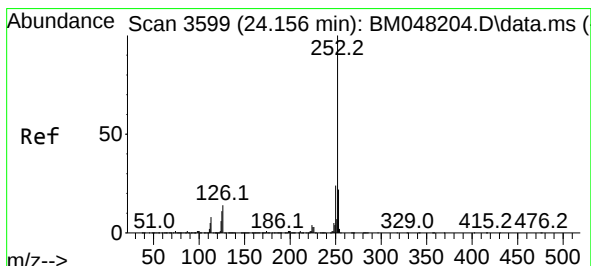
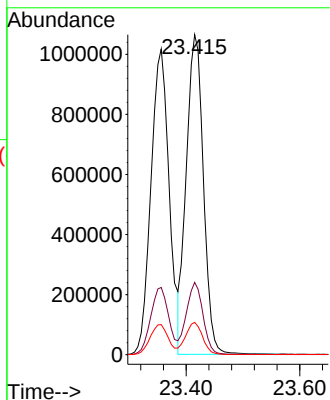
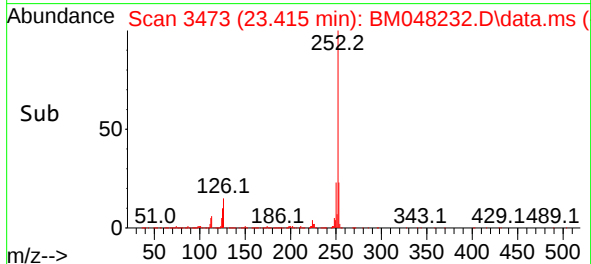
Instrument :
BNA_M
ClientSampleId :
PB164369BS



Tgt Ion:252 Resp: 223459
Ion Ratio Lower Upper
252 100
253 22.6 17.8 26.8
125 10.1 7.8 11.6

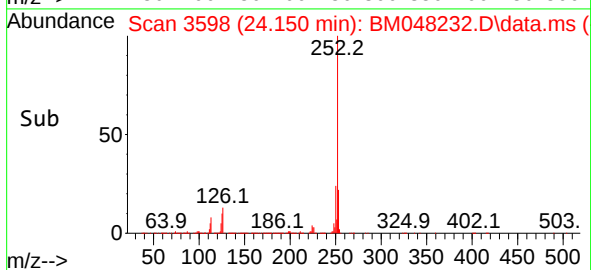
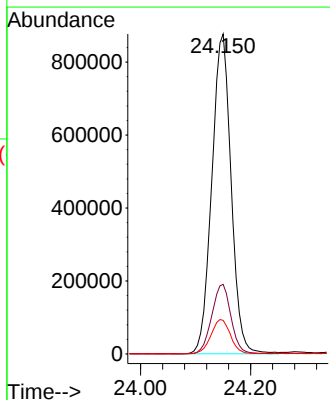
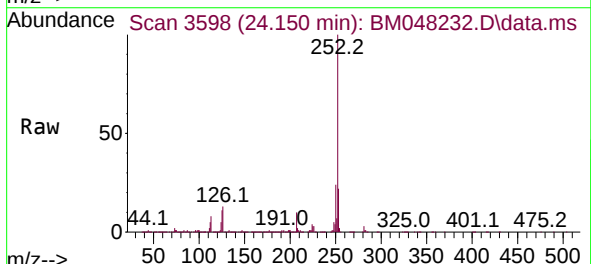
Manual Integrations
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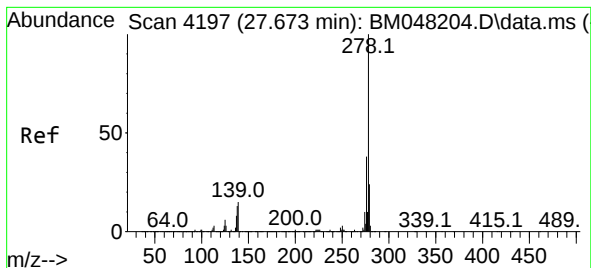
Reviewed By :Yogesh Patel 10/25/2024
Supervised By :mohammad ahmed 10/28/2024



#90
Benzo(a)pyrene
Concen: 23.041 ng
RT: 24.150 min Scan# 3598
Delta R.T. -0.006 min
Lab File: BM048232.D
Acq: 25 Oct 2024 12:19

Tgt Ion:252 Resp: 2135562
Ion Ratio Lower Upper
252 100
253 21.8 17.3 25.9
125 10.5 8.8 13.2





#91

Dibenzo(a,h)anthracene

Concen: 22.456 ng

RT: 27.662 min Scan# 41

Delta R.T. -0.012 min

Lab File: BM048232.D

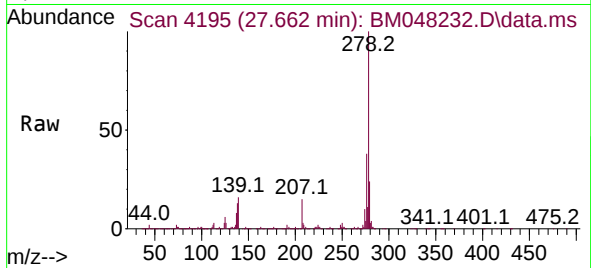
Acq: 25 Oct 2024 12:19

Instrument :

BNA_M

ClientSampleId :

PB164369BS



Tgt Ion:278 Resp: 2299349

Ion Ratio Lower Upper

278 100

139 15.6 12.2 18.4

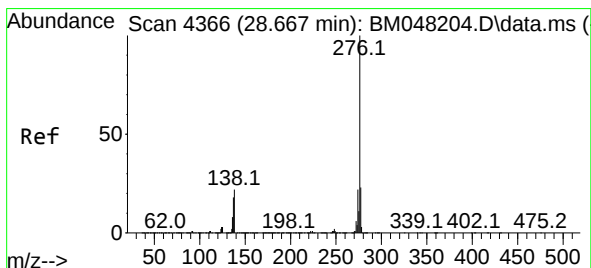
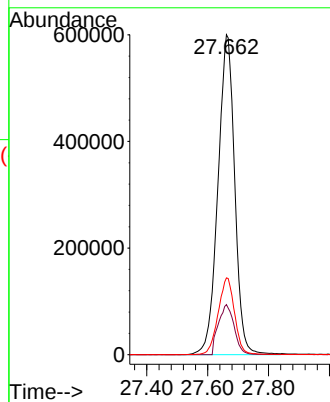
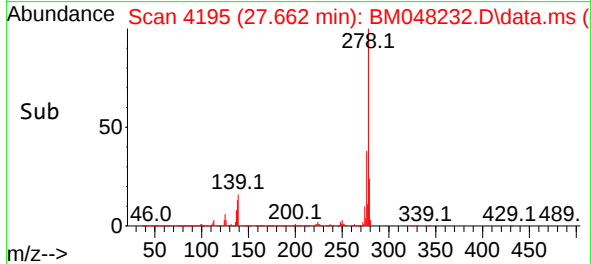
279 24.0 19.0 28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/25/2024

Supervised By :mohammad ahmed 10/28/2024



#92

Benzo(g,h,i)perylene

Concen: 20.467 ng

RT: 28.644 min Scan# 4362

Delta R.T. -0.024 min

Lab File: BM048232.D

Acq: 25 Oct 2024 12:19

Tgt Ion:276 Resp: 2146032

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 20.6 17.5 26.3

