

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
 Data File : BM042483.D
 Acq On : 27 Oct 2023 21:37
 Operator : MA/JU
 Sample : PB156526BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_M
 ClientSampleId :
 PB156526BSD

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

Quant Time: Oct 28 00:29:38 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM102123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Oct 28 00:26:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	155994	20.000	ng	0.00
21) Naphthalene-d8	10.804	136	625823	20.000	ng	0.00
39) Acenaphthene-d10	14.627	164	333094	20.000	ng	0.00
64) Phenanthrene-d10	17.380	188	595602	20.000	ng	0.00
76) Chrysene-d12	21.556	240	377767	20.000	ng	0.00
86) Perylene-d12	24.015	264	340851	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	938383	85.018	ng	0.00
7) Phenol-d6	7.163	99	1185428	80.142	ng	0.00
23) Nitrobenzene-d5	9.192	82	1176459	83.127	ng	0.00
42) 2,4,6-Tribromophenol	16.127	330	354286	98.706	ng	0.00
45) 2-Fluorobiphenyl	13.251	172	2303649	93.130	ng	0.00
79) Terphenyl-d14	19.986	244	2560126	120.189	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.399	88	161265	31.028	ng	96
3) Pyridine	3.846	79	426827	27.991	ng	97
4) n-Nitrosodimethylamine	3.746	42	247769	32.182	ng	91
6) Aniline	7.334	93	562259	29.856	ng	97
8) 2-Chlorophenol	7.545	128	508526	46.431	ng	94
9) Benzaldehyde	7.151	77	219194	25.443	ng	98
10) Phenol	7.187	94	629117	41.162	ng	98
11) bis(2-Chloroethyl)ether	7.428	93	514789	41.024	ng	97
12) 1,3-Dichlorobenzene	7.863	146	529844	46.772	ng	98
13) 1,4-Dichlorobenzene	8.022	146	541022	47.445	ng	98
14) 1,2-Dichlorobenzene	8.334	146	523069	47.771	ng	98
15) Benzyl Alcohol	8.263	79	461084	42.051	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.516	45	829306	41.767	ng	98
17) 2-Methylphenol	8.445	107	420406	41.683	ng	98
18) Hexachloroethane	9.045	117	214193	48.792	ng	93
19) n-Nitroso-di-n-propyla...	8.822	70	418424	41.737	ng	98
20) 3+4-Methylphenols	8.781	107	548167	40.521	ng	96
22) Acetophenone	8.851	105	735145	43.058	ng	# 96
24) Nitrobenzene	9.234	77	592685	41.859	ng	97
25) Isophorone	9.769	82	1081408	44.962	ng	98
26) 2-Nitrophenol	9.934	139	259744	47.683	ng	94
27) 2,4-Dimethylphenol	9.981	122	475279m	48.717	ng	
28) bis(2-Chloroethoxy)met...	10.228	93	678254	44.510	ng	99
29) 2,4-Dichlorophenol	10.457	162	438626	51.700	ng	97
30) 1,2,4-Trichlorobenzene	10.657	180	474456	52.166	ng	98
31) Naphthalene	10.857	128	1504399	46.800	ng	100
32) Benzoic acid	10.163	122	305860	43.434	ng	97
33) 4-Chloroaniline	11.004	127	216157	15.488	ng	98
34) Hexachlorobutadiene	11.080	225	284127	57.730	ng	98
35) Caprolactam	11.910	113	124710	38.386	ng	88
36) 4-Chloro-3-methylphenol	12.110	107	460383	44.968	ng	99
37) 2-Methylnaphthalene	12.457	142	989202	45.714	ng	98
38) 1-Methylnaphthalene	12.680	142	931655	45.958	ng	99
40) 1,2,4,5-Tetrachloroben...	12.810	216	499831	51.906	ng	98
41) Hexachlorocyclopentadiene	12.751	237	576633	108.699	ng	99
43) 2,4,6-Trichlorophenol	13.069	196	326935	52.447	ng	99

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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.145	196	339650	46.092	ng	95
46) 1,1'-Biphenyl	13.469	154	1239698	46.915	ng	98
47) 2-Chloronaphthalene	13.516	162	945407	48.766	ng	99
48) 2-Nitroaniline	13.757	65	294490	35.415	ng	91
49) Acenaphthylene	14.357	152	1446151	46.206	ng	100
50) Dimethylphthalate	14.104	163	1094044	44.778	ng	99
51) 2,6-Dinitrotoluene	14.245	165	234470	42.833	ng	86
52) Acenaphthene	14.692	154	886955	46.874	ng	97
53) 3-Nitroaniline	14.586	138	140784	23.323	ng	99
54) 2,4-Dinitrophenol	14.786	184	285917	83.295	ng	91
55) Dibenzofuran	15.027	168	1357239	45.350	ng	99
56) 4-Nitrophenol	14.886	139	360528	72.452	ng	96
57) 2,4-Dinitrotoluene	15.027	165	290100	40.053	ng	94
58) Fluorene	15.674	166	1070392	45.324	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.251	232	289226	52.246	ng	92
60) Diethylphthalate	15.445	149	1065577	44.195	ng	98
61) 4-Chlorophenyl-phenyle...	15.668	204	547616	49.237	ng	92
62) 4-Nitroaniline	15.751	138	154174	26.418	ng	97
63) Azobenzene	15.963	77	1197378	41.393	ng	95
65) 4,6-Dinitro-2-methylph...	15.774	198	171387	45.423	ng	84
66) n-Nitrosodiphenylamine	15.892	169	892787	49.767	ng	98
67) 4-Bromophenyl-phenylether	16.562	248	318199	57.643	ng	95
68) Hexachlorobenzene	16.645	284	357865	60.650	ng	# 92
69) Atrazine	16.851	200	297820	65.465	ng	99
70) Pentachlorophenol	17.010	266	448851	90.289	ng	99
71) Phenanthrene	17.421	178	1521653	46.963	ng	100
72) Anthracene	17.515	178	1537504	47.913	ng	99
73) Carbazole	17.804	167	1254148	41.661	ng	99
74) Di-n-butylphthalate	18.321	149	1714002	45.142	ng	99
75) Fluoranthene	19.433	202	1576847	44.188	ng	98
77) Benzidine	19.651	184	255232	46.711	ng	99
78) Pyrene	19.798	202	1624780	61.549	ng	100
80) Butylbenzylphthalate	20.680	149	669603	55.418	ng	90
81) Benzo(a)anthracene	21.539	228	1181315	46.647	ng	99
82) 3,3'-Dichlorobenzidine	21.486	252	323831	42.835	ng	98
83) Chrysene	21.597	228	1145296	47.086	ng	100
84) Bis(2-ethylhexyl)phtha...	21.421	149	920543	53.684	ng	97
85) Di-n-octyl phthalate	22.362	149	1404381	47.908	ng	95
87) Indeno(1,2,3-cd)pyrene	26.591	276	1062393	42.650	ng	# 92
88) Benzo(b)fluoranthene	23.250	252	1006802	49.072	ng	98
89) Benzo(k)fluoranthene	23.303	252	1023728	48.060	ng	98
90) Benzo(a)pyrene	23.903	252	858986	43.499	ng	98
91) Dibenzo(a,h)anthracene	26.609	278	850587	41.071	ng	97
92) Benzo(g,h,i)perylene	27.397	276	918410	45.663	ng	95

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

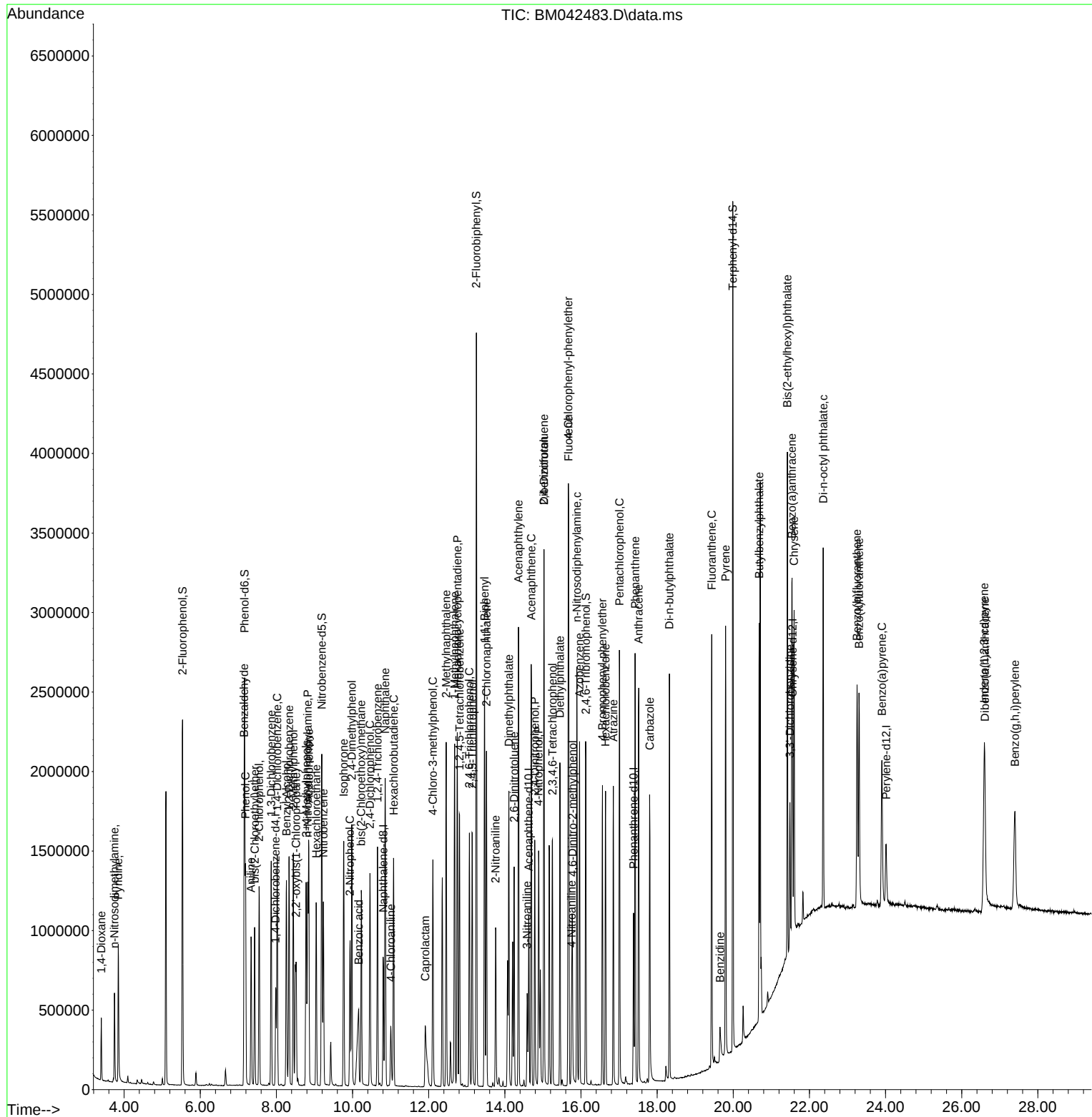
Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM102723\
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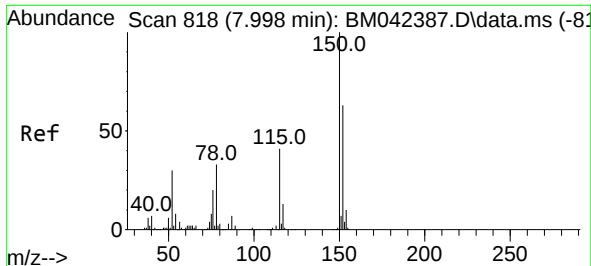
Instrument :
BNA_M
ClientSampleId :
PB156526BSD

Manual Integrations
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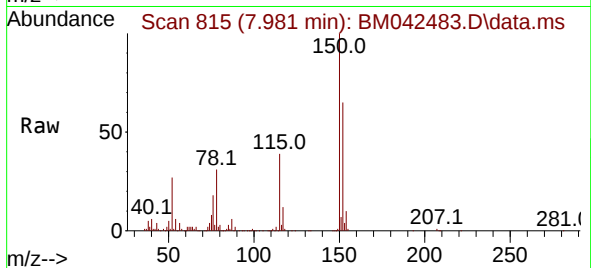
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#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.981 min Scan# 81
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

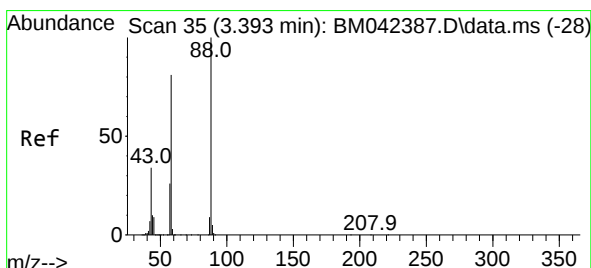
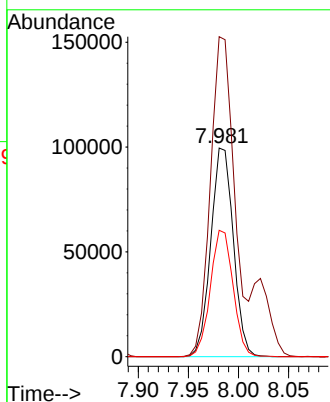
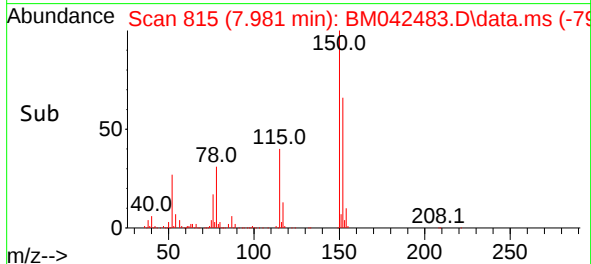
Instrument :
BNA_M
ClientSampleId :
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Tgt Ion:152 Resp: 155994
Ion Ratio Lower Upper
152 100
150 153.4 126.2 189.4
115 60.6 51.9 77.9

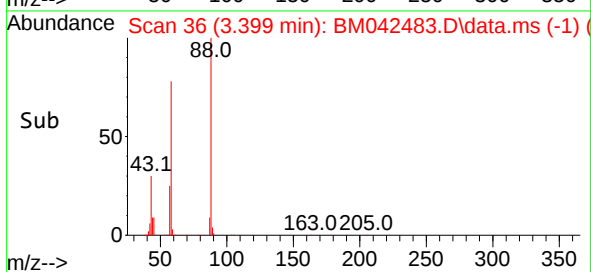
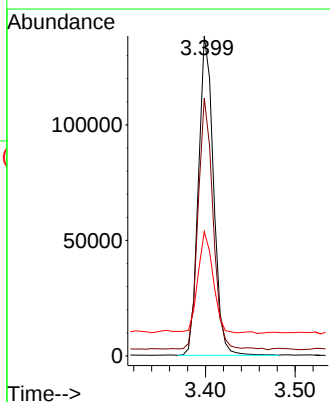
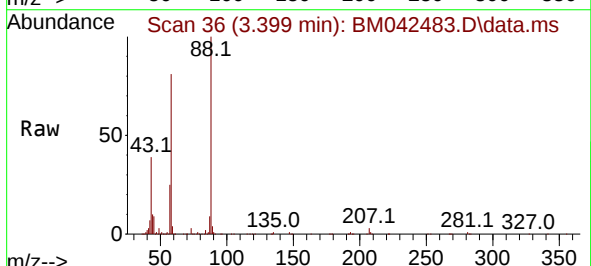
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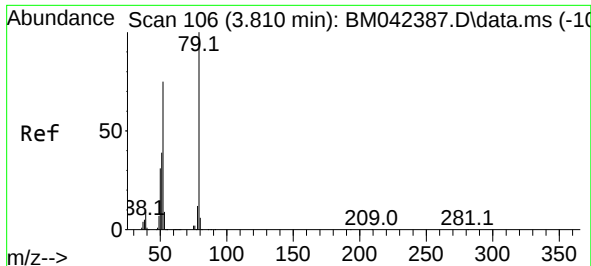
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#2
1,4-Dioxane
Concen: 31.028 ng
RT: 3.399 min Scan# 36
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

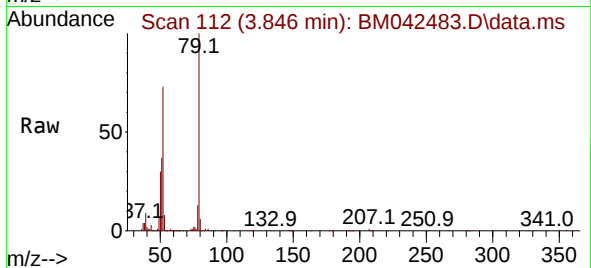
Tgt Ion: 88 Resp: 161265
Ion Ratio Lower Upper
88 100
58 78.1 64.9 97.3
43 31.6 27.8 41.8





#3
Pyridine
Concen: 27.991 ng
RT: 3.846 min Scan# 112
Delta R.T. -0.018 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

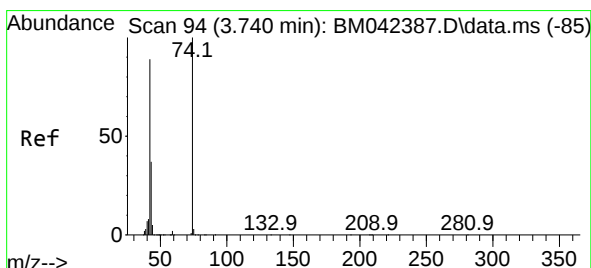
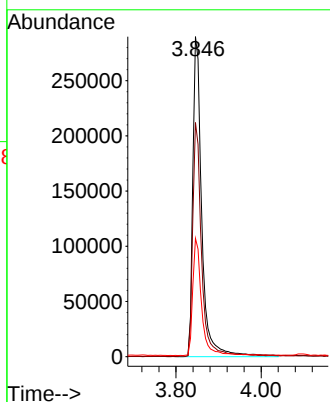
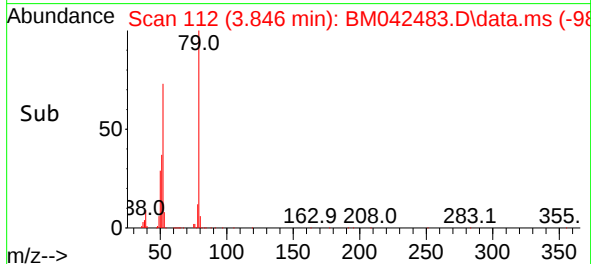
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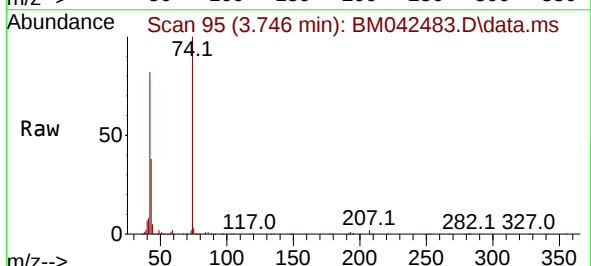
Tgt Ion: 79 Resp: 426827
Ion Ratio Lower Upper
79 100
52 73.2 60.3 90.5
51 36.9 32.0 48.0

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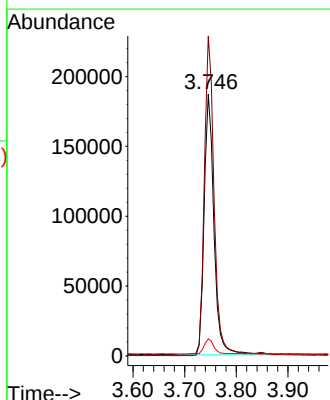
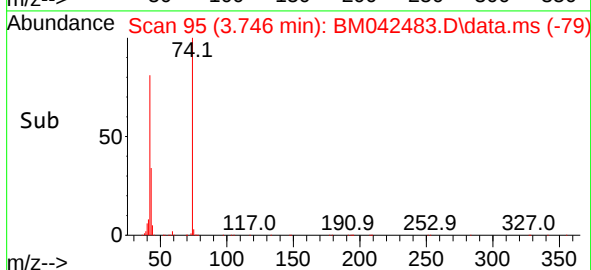
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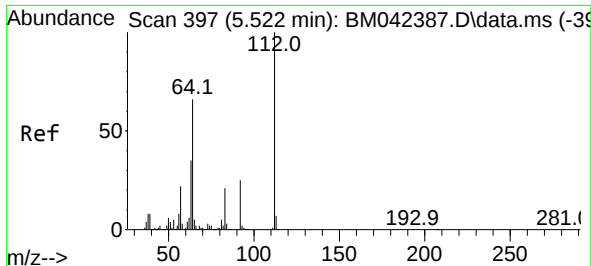


#4
n-Nitrosodimethylamine
Concen: 32.182 ng
RT: 3.746 min Scan# 95
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37



Tgt Ion: 42 Resp: 247769
Ion Ratio Lower Upper
42 100
74 122.3 89.4 134.2
44 6.5 5.4 8.0





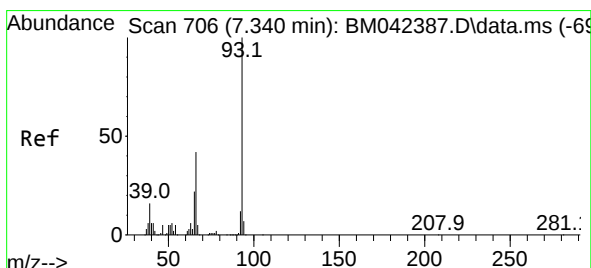
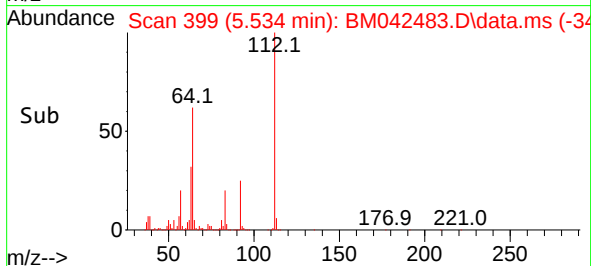
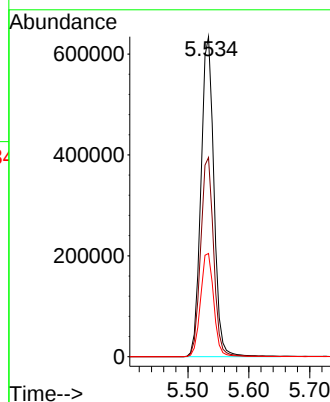
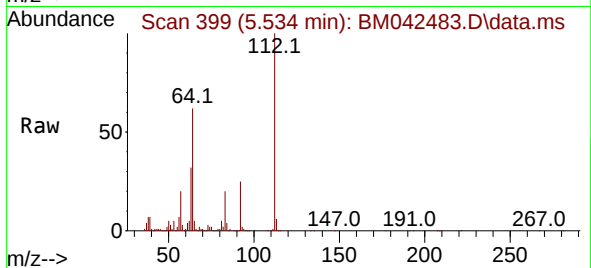
#5
2-Fluorophenol
Concen: 85.018 ng
RT: 5.534 min Scan# 397
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

Instrument :
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Tgt Ion:112 Resp: 93838
Ion Ratio Lower Upper
112 100
64 62.2 52.7 79.1
63 32.2 28.3 42.5

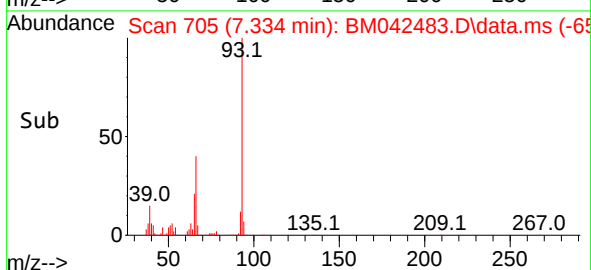
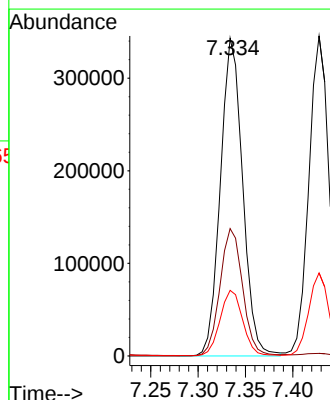
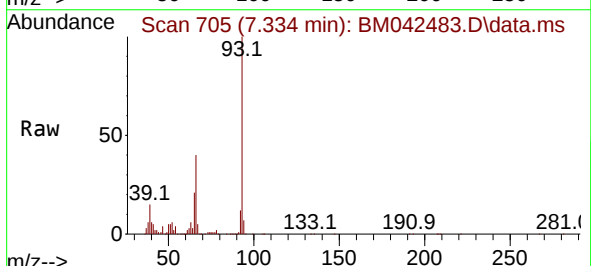
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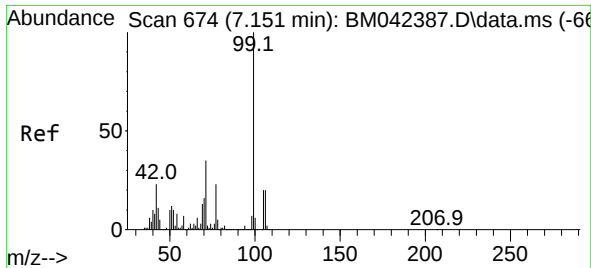
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#6
Aniline
Concen: 29.856 ng
RT: 7.334 min Scan# 705
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

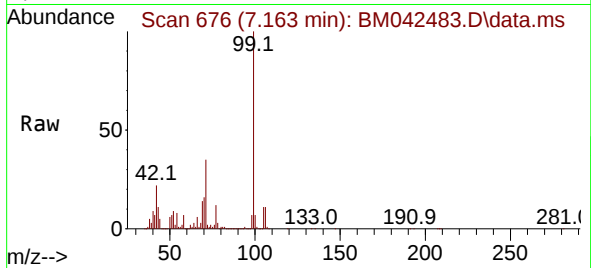
Tgt Ion: 93 Resp: 562259
Ion Ratio Lower Upper
93 100
66 40.1 33.8 50.8
65 20.6 17.4 26.2





#7
Phenol-d6
Concen: 80.142 ng
RT: 7.163 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

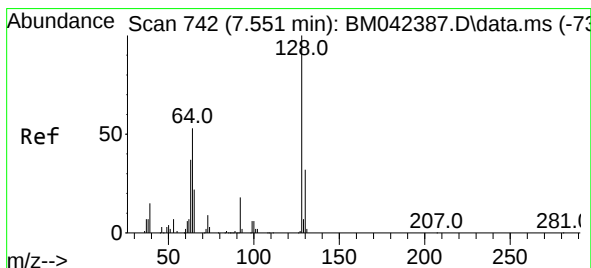
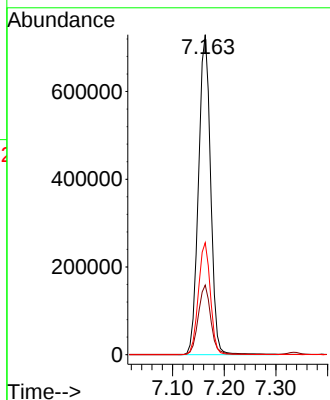
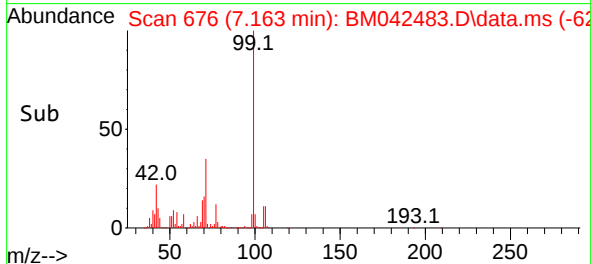
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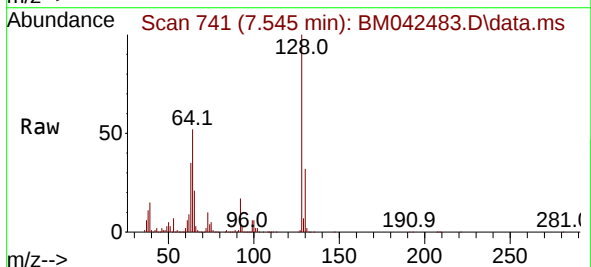
Tgt Ion: 99 Resp: 1185428
Ion Ratio Lower Upper
99 100
42 21.7 18.5 27.7
71 35.0 27.7 41.5

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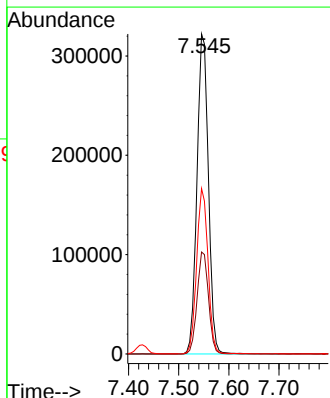
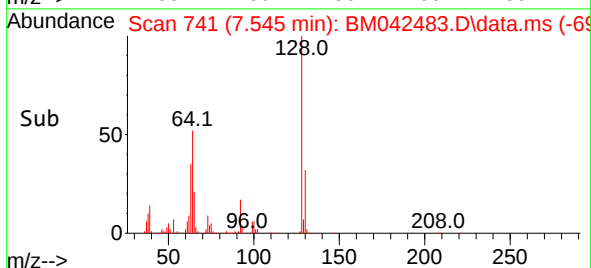
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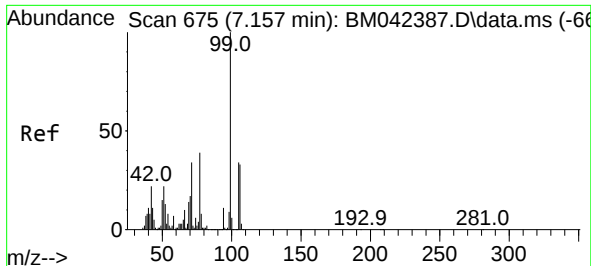


#8
2-Chlorophenol
Concen: 46.431 ng
RT: 7.545 min Scan# 741
Delta R.T. -0.006 min
Lab File: BM042483.D
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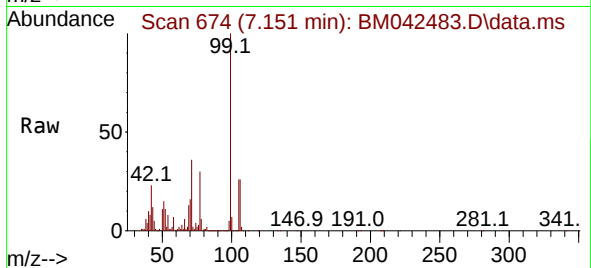
Tgt Ion:128 Resp: 508526
Ion Ratio Lower Upper
128 100
130 31.9 12.1 52.1
64 51.7 38.2 78.2





#9
Benzaldehyde
Concen: 25.443 ng
RT: 7.151 min Scan# 61
Delta R.T. -0.006 min
Lab File: BM042483.D
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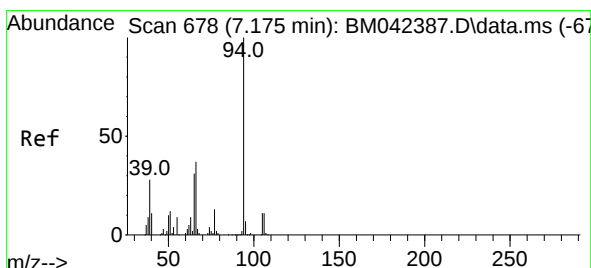
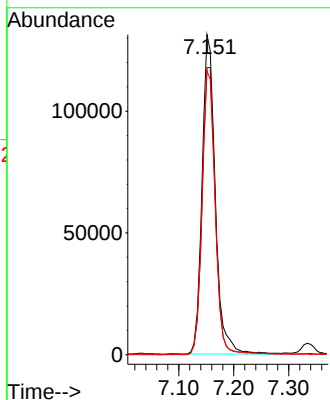
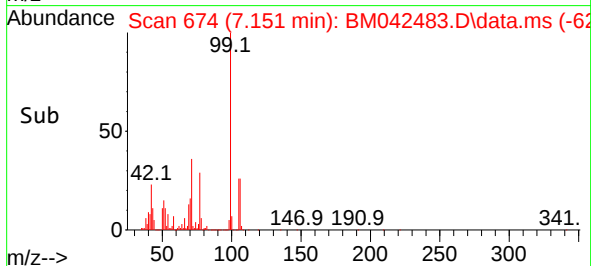
Instrument :
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Tgt Ion: 77 Resp: 219194
Ion Ratio Lower Upper
77 100
105 89.7 68.7 108.7
106 88.8 65.8 105.8

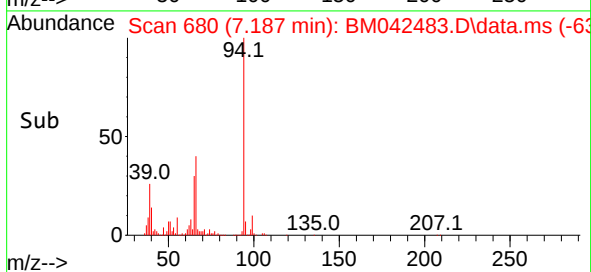
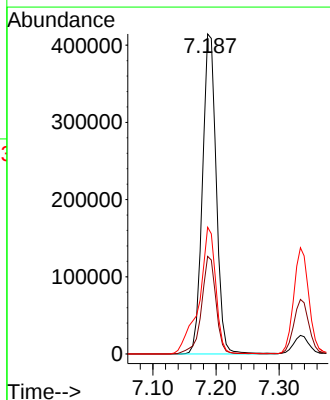
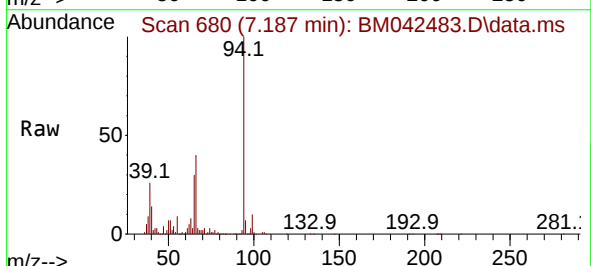
Manual Integrations
APPROVED

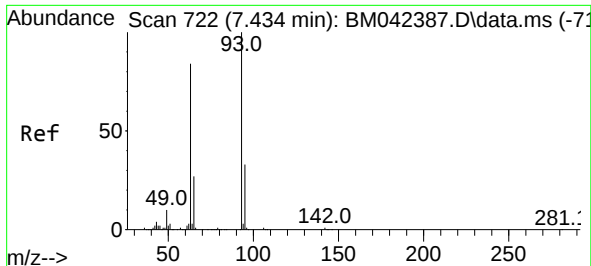
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#10
Phenol
Concen: 41.162 ng
RT: 7.187 min Scan# 680
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

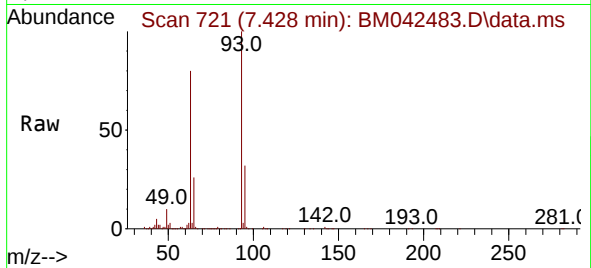
Tgt Ion: 94 Resp: 629117
Ion Ratio Lower Upper
94 100
65 30.5 10.9 50.9
66 39.6 18.2 58.2





#11
bis(2-Chloroethyl)ether
Concen: 41.024 ng
RT: 7.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

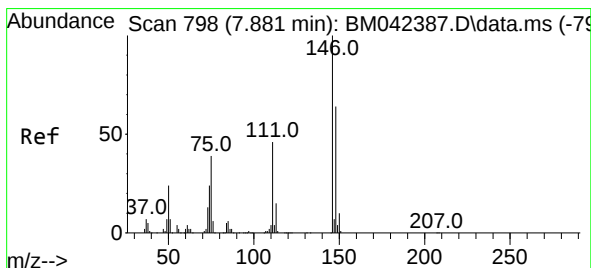
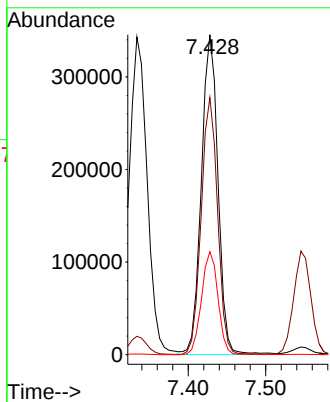
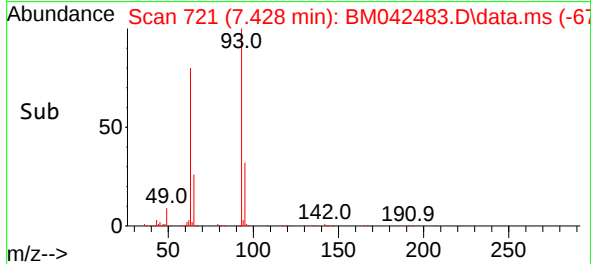
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion: 93 Resp: 514789
Ion Ratio Lower Upper
93 100
63 80.4 64.2 104.2
95 32.2 12.6 52.6

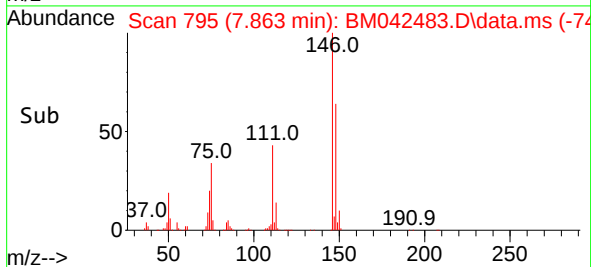
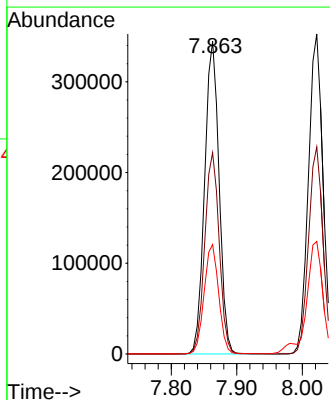
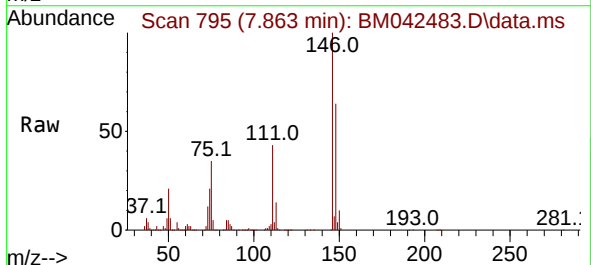
Manual Integrations
APPROVED

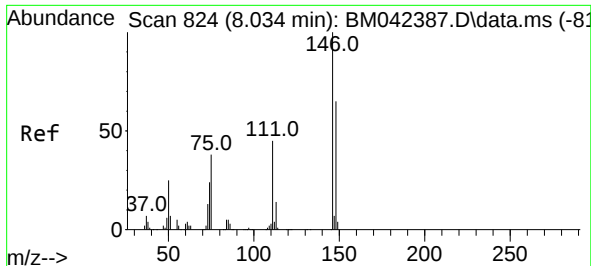
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#12
1,3-Dichlorobenzene
Concen: 46.772 ng
RT: 7.863 min Scan# 795
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

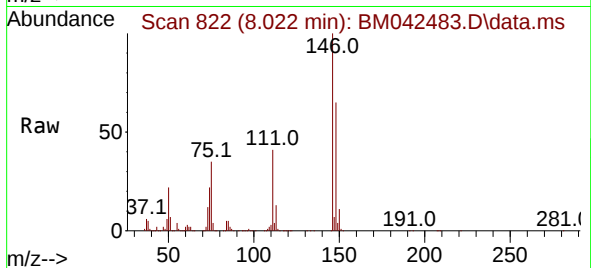
Tgt Ion:146 Resp: 529844
Ion Ratio Lower Upper
146 100
148 64.3 51.4 77.2
75 35.0 30.9 46.3





#13
1,4-Dichlorobenzene
Concen: 47.445 ng
RT: 8.022 min Scan# 81
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

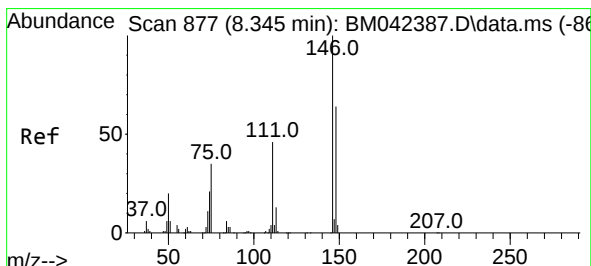
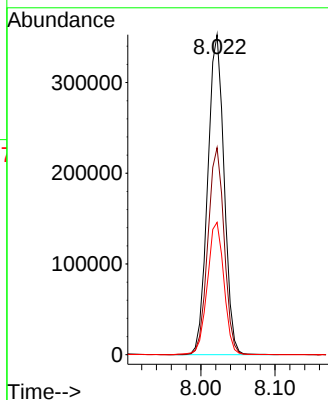
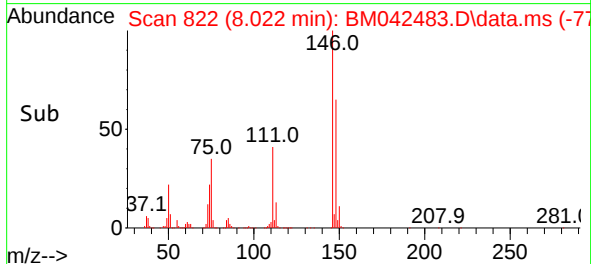
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



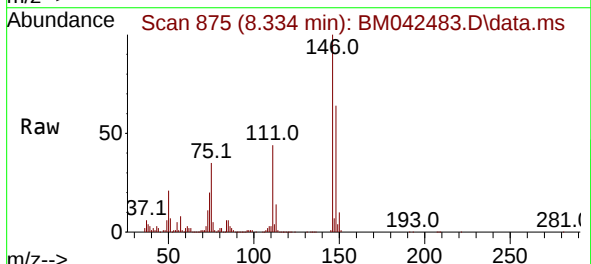
Tgt Ion:146 Resp: 54102
Ion Ratio Lower Upper
146 100
148 64.7 51.8 77.6
111 41.3 35.9 53.9

Manual Integrations
APPROVED

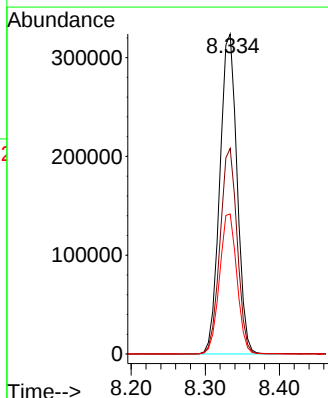
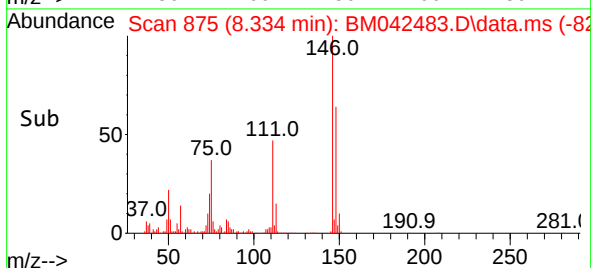
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

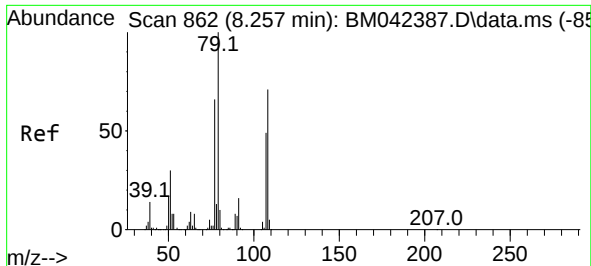


#14
1,2-Dichlorobenzene
Concen: 47.771 ng
RT: 8.334 min Scan# 875
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37



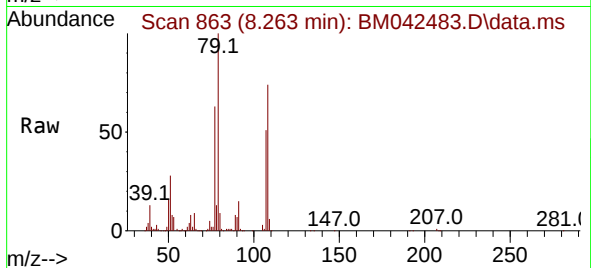
Tgt Ion:146 Resp: 523069
Ion Ratio Lower Upper
146 100
148 64.3 51.0 76.4
111 43.7 37.2 55.8





#15
Benzyl Alcohol
Concen: 42.051 ng
RT: 8.263 min Scan# 80
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

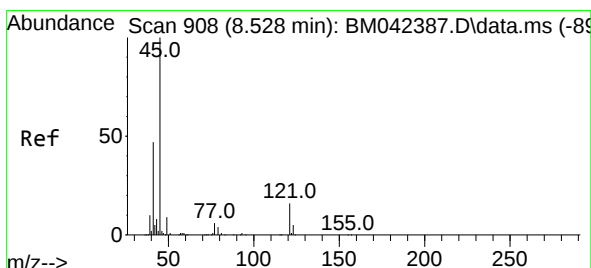
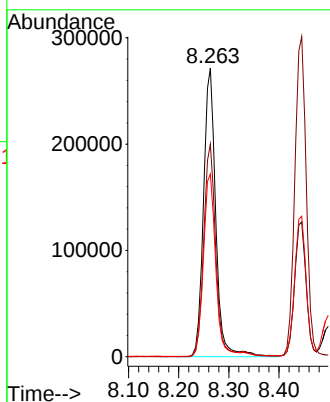
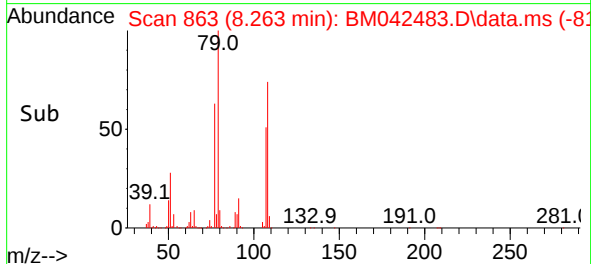
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion: 79 Resp: 461084
Ion Ratio Lower Upper
79 100
108 73.7 57.1 85.7
77 63.3 52.9 79.3

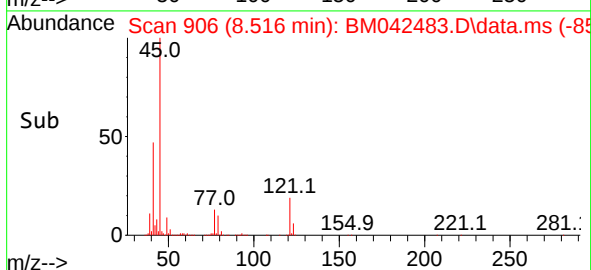
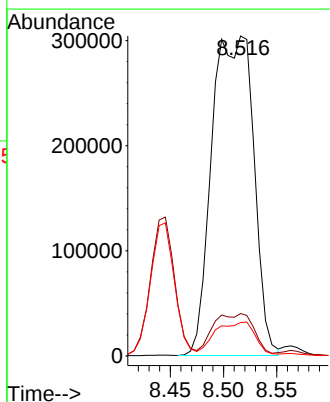
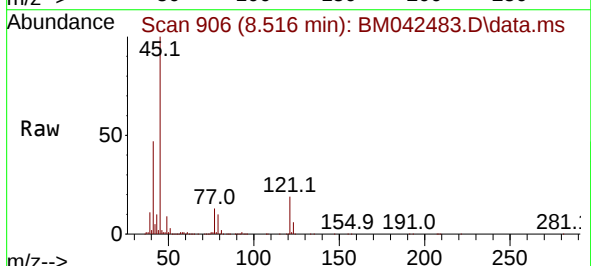
Manual Integrations
APPROVED

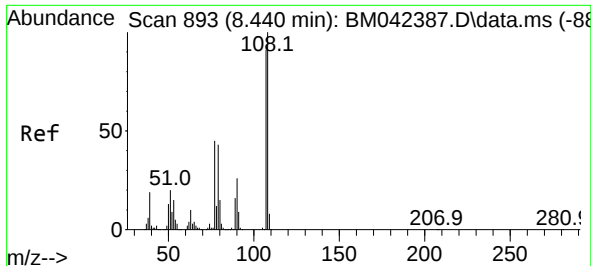
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.767 ng
RT: 8.516 min Scan# 906
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

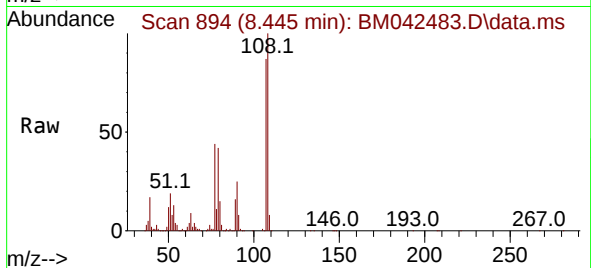
Tgt Ion: 45 Resp: 829306
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.2
79 10.5 0.0 30.4





#17
2-Methylphenol
Concen: 41.683 ng
RT: 8.445 min Scan# 893
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

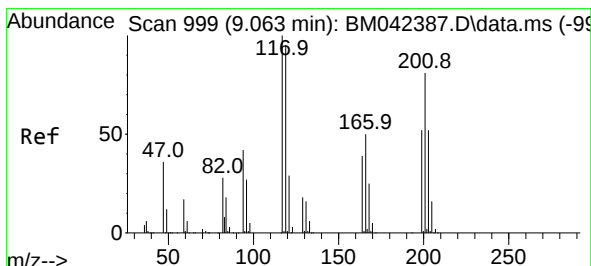
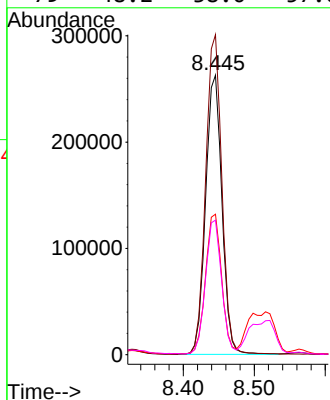
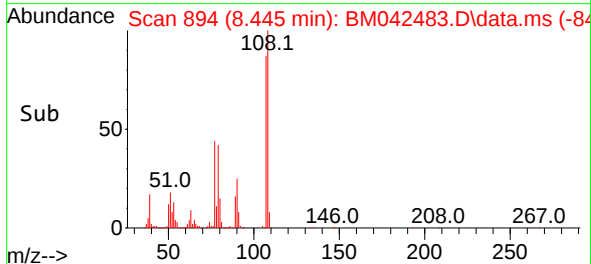
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion:107 Resp: 420400
Ion Ratio Lower Upper
107 100
108 114.4 88.2 132.4
77 50.2 40.1 60.1
79 48.2 38.0 57.0

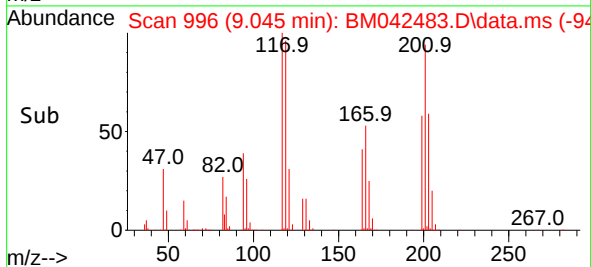
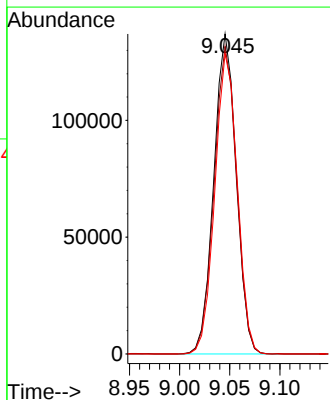
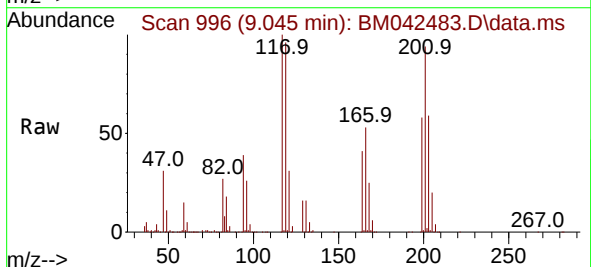
Manual Integrations
APPROVED

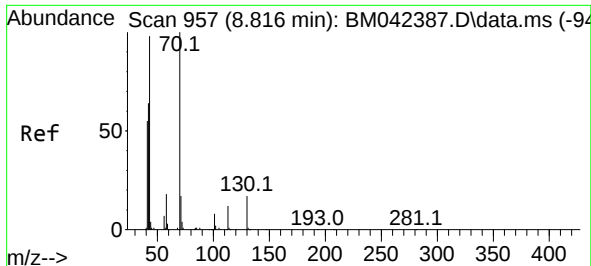
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#18
Hexachloroethane
Concen: 48.792 ng
RT: 9.045 min Scan# 996
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

Tgt Ion:117 Resp: 214193
Ion Ratio Lower Upper
117 100
119 96.1 75.9 113.9
201 93.9 64.6 97.0





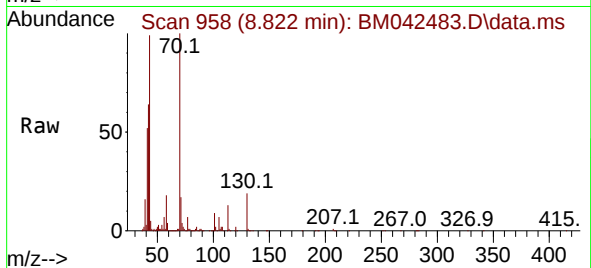
#19
n-Nitroso-di-n-propylamine
Concen: 41.737 ng
RT: 8.822 min Scan# 91
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

Instrument :

BNA_M

ClientSampleId :

PB156526BSD



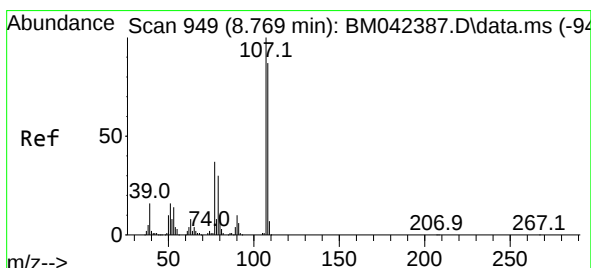
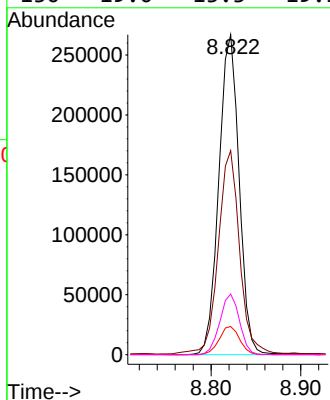
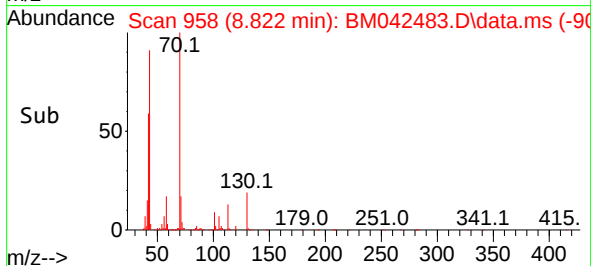
Tgt Ion: 70 Resp: 418424
Ion Ratio Lower Upper
70 100
42 63.7 52.1 78.1
101 8.8 6.5 9.7
130 19.0 13.3 19.9

Manual Integrations

APPROVED

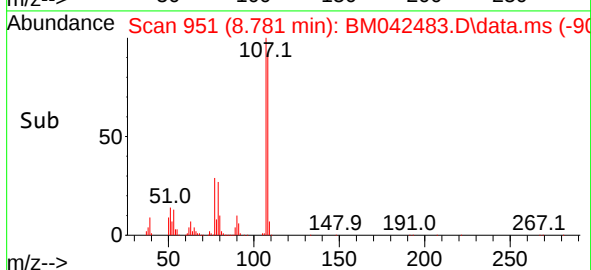
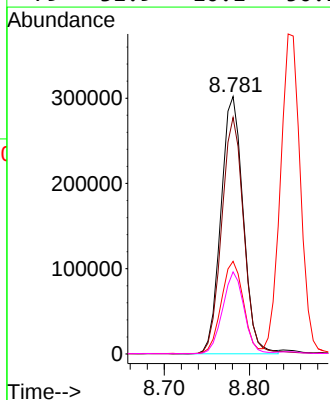
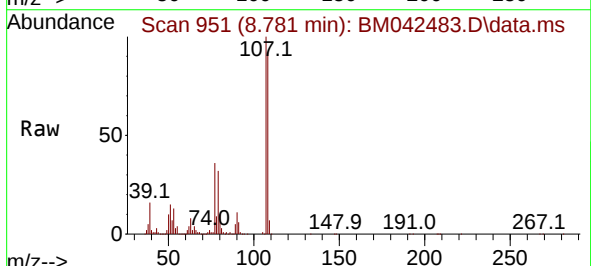
Reviewed By :Yogesh Patel 10/31/2023

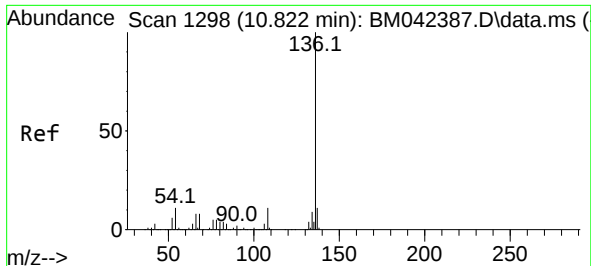
Supervised By :mohammad ahmed 10/31/2023



#20
3+4-Methylphenols
Concen: 40.521 ng
RT: 8.781 min Scan# 951
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

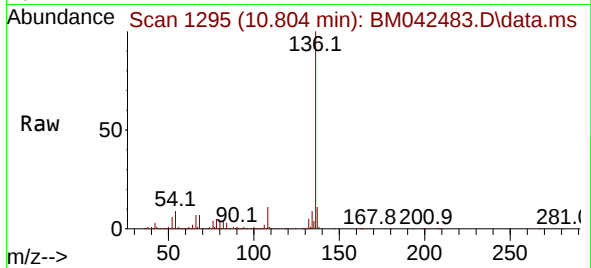
Tgt Ion:107 Resp: 548167
Ion Ratio Lower Upper
107 100
108 91.9 67.2 107.2
77 36.0 16.8 56.8
79 31.9 10.1 50.1





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.804 min Scan# 11
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

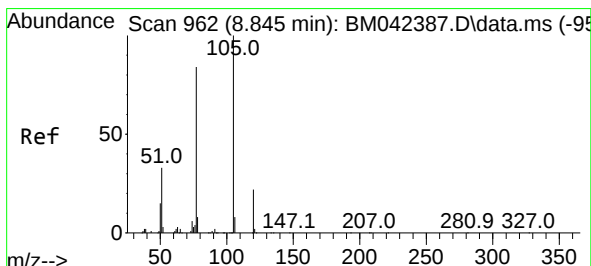
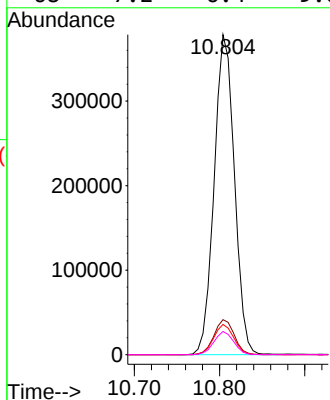
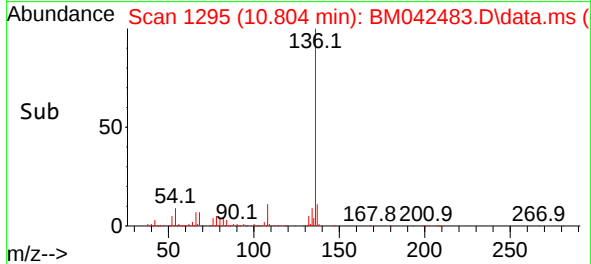
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion:136 Resp: 62582
Ion Ratio Lower Upper
136 100
137 11.0 8.5 12.7
54 9.5 8.6 12.8
68 7.2 6.4 9.6

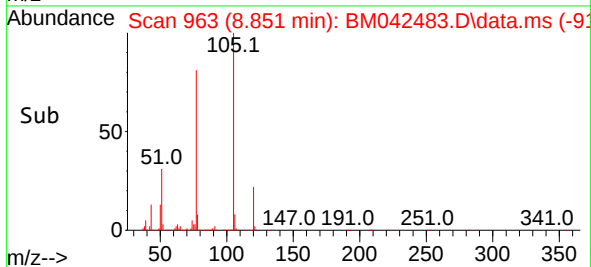
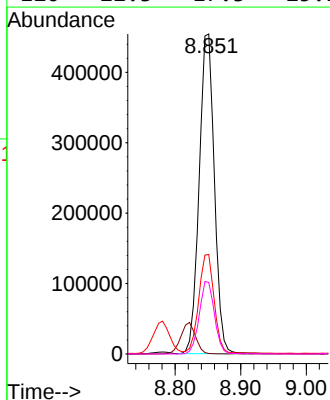
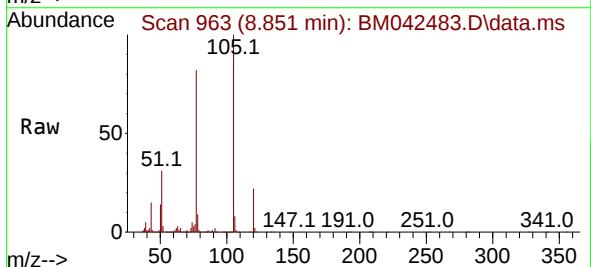
Manual Integrations
APPROVED

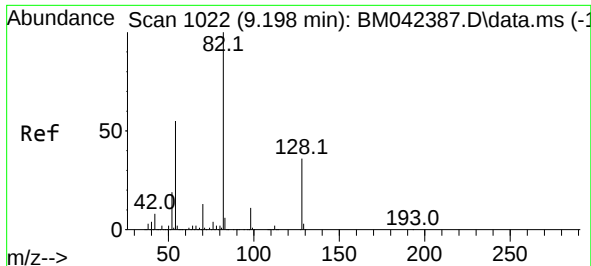
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#22
Acetophenone
Concen: 43.058 ng
RT: 8.851 min Scan# 963
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

Tgt Ion:105 Resp: 735145
Ion Ratio Lower Upper
105 100
71 0.1 0.1 0.1#
51 31.1 27.1 40.7
120 22.3 17.3 25.9





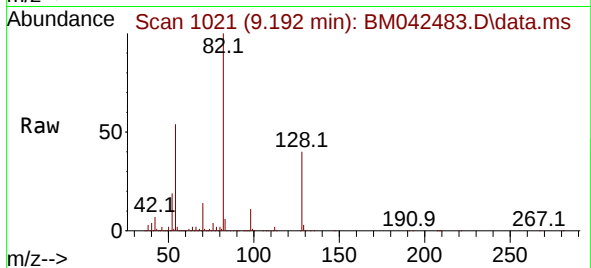
#23
Nitrobenzene-d5
Concen: 83.127 ng
RT: 9.192 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

Instrument :

BNA_M

ClientSampleId :

PB156526BSD



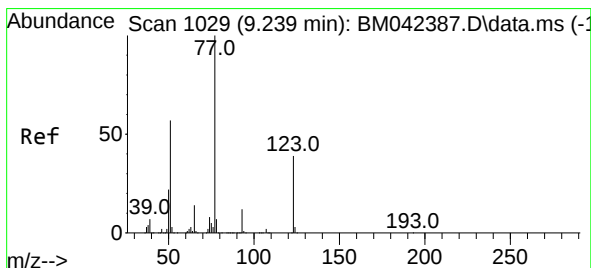
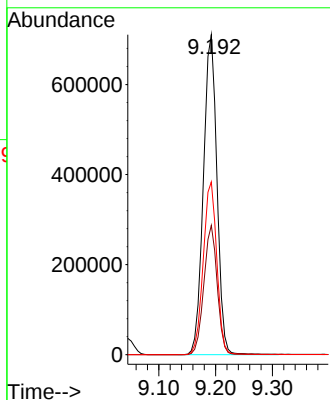
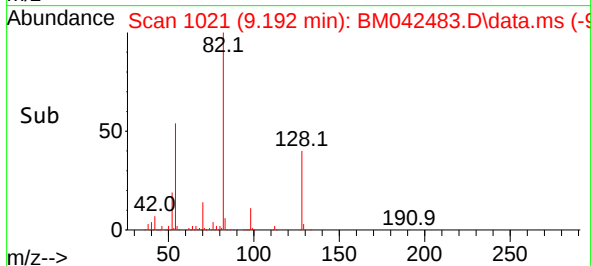
Tgt Ion: 82 Resp: 117645
Ion Ratio Lower Upper
82 100
128 40.4 29.0 43.6
54 54.0 43.7 65.5

Manual Integrations

APPROVED

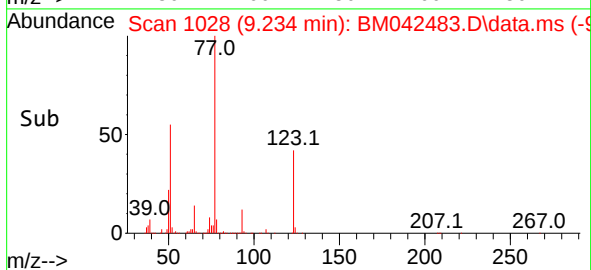
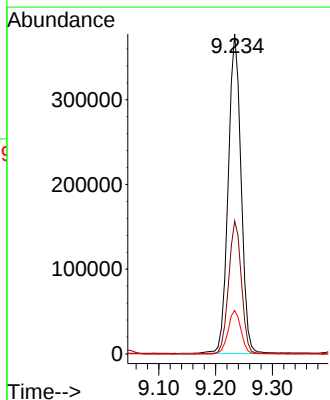
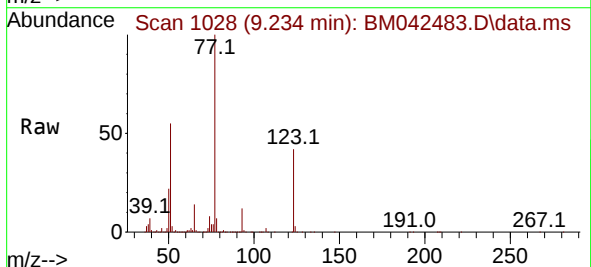
Reviewed By :Yogesh Patel 10/31/2023

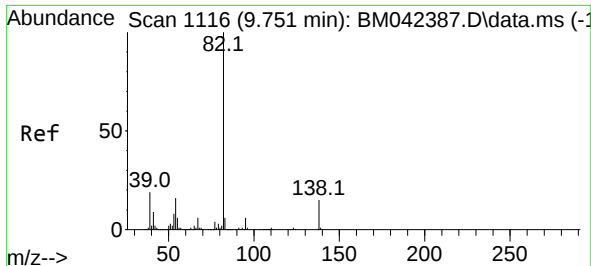
Supervised By :mohammad ahmed 10/31/2023



#24
Nitrobenzene
Concen: 41.859 ng
RT: 9.234 min Scan# 1028
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

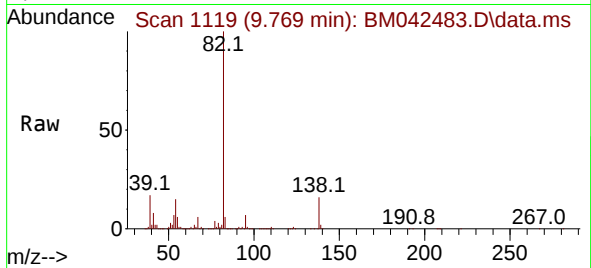
Tgt Ion: 77 Resp: 592685
Ion Ratio Lower Upper
77 100
123 41.5 31.2 46.8
65 13.6 11.4 17.0





#25
Isophorone
Concen: 44.962 ng
RT: 9.769 min Scan# 1116
Delta R.T. -0.012 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

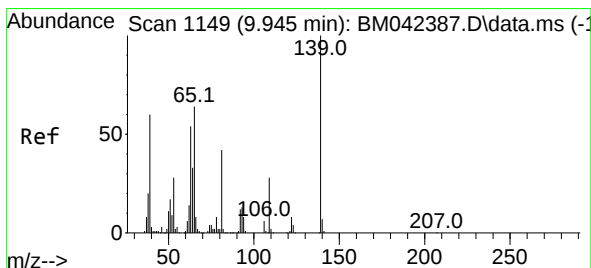
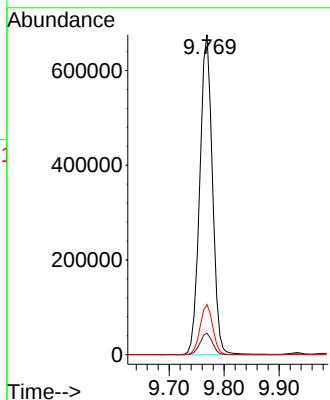
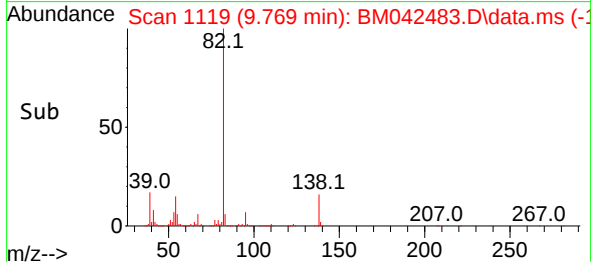
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion: 82 Resp: 1081408
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 15.7 11.8 17.6

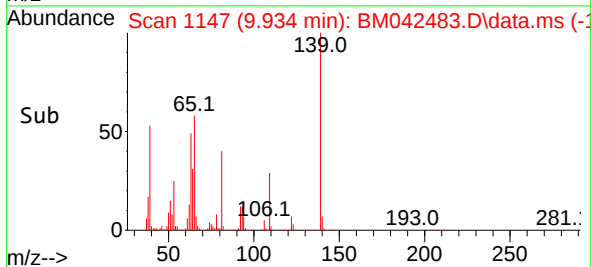
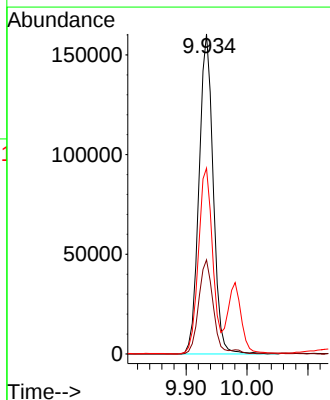
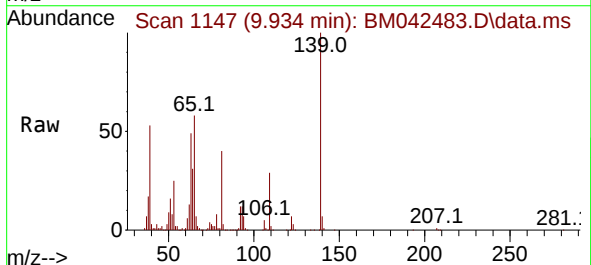
Manual Integrations
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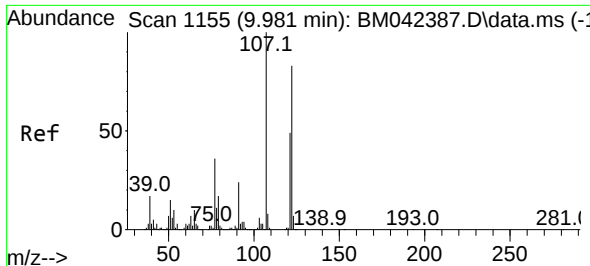
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#26
2-Nitrophenol
Concen: 47.683 ng
RT: 9.934 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

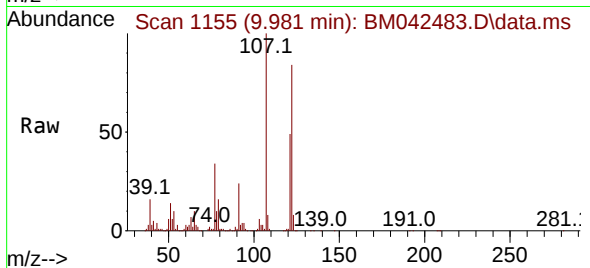
Tgt Ion:139 Resp: 259744
Ion Ratio Lower Upper
139 100
109 29.4 22.3 33.5
65 58.1 51.1 76.7





#27
2,4-Dimethylphenol
Concen: 48.717 ng m
RT: 9.981 min Scan# 1155
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

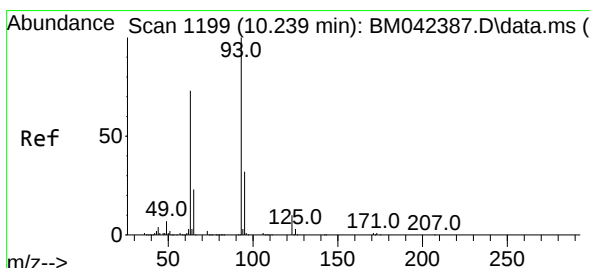
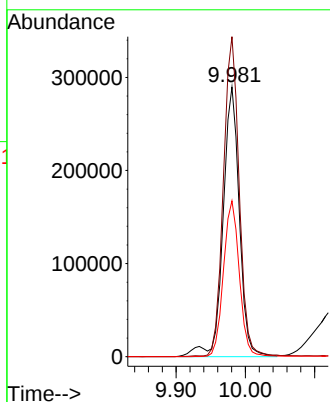
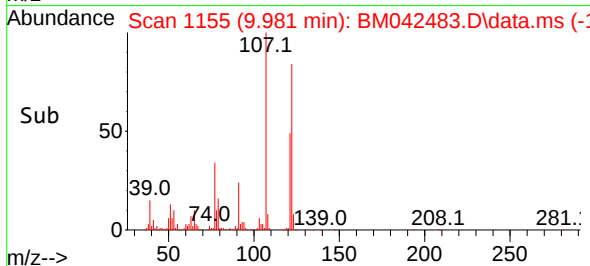
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



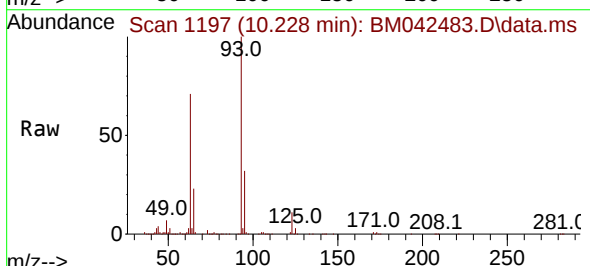
Tgt Ion:122 Resp: 475279
Ion Ratio Lower Upper
122 100
107 118.7 96.3 144.5
121 57.8 47.0 70.6

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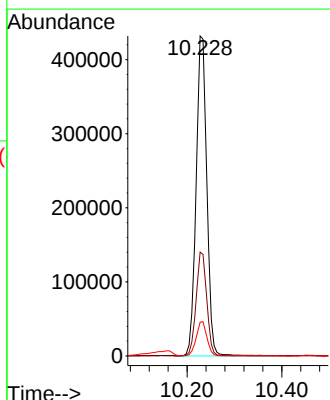
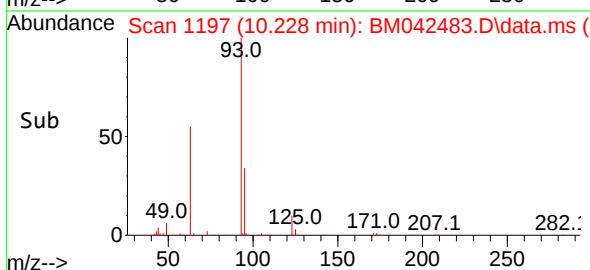
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

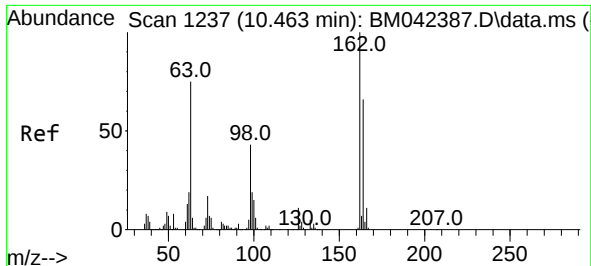


#28
bis(2-Chloroethoxy)methane
Concen: 44.510 ng
RT: 10.228 min Scan# 1197
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37



Tgt Ion: 93 Resp: 678254
Ion Ratio Lower Upper
93 100
95 32.4 25.8 38.6
123 10.5 8.2 12.2





#29

2,4-Dichlorophenol

Concen: 51.700 ng

RT: 10.457 min Scan# 11

Delta R.T. -0.006 min

Lab File: BM042483.D

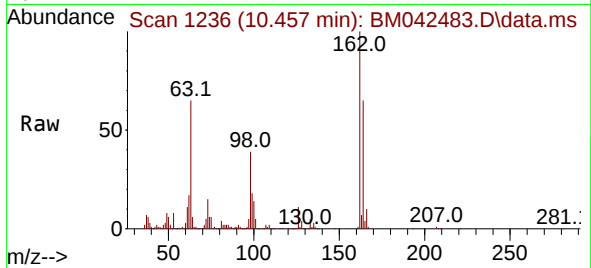
Acq: 27 Oct 2023 21:37

Instrument :

BNA_M

ClientSampleId :

PB156526BSD



Tgt Ion:162 Resp: 438620

Ion Ratio Lower Upper

162 100

164 65.4 45.9 85.9

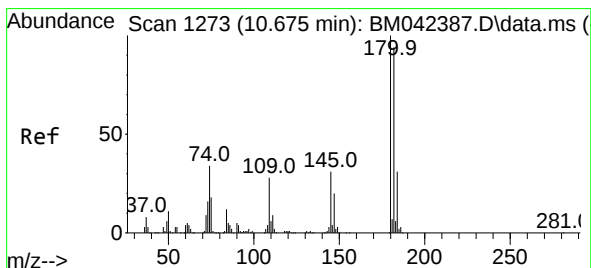
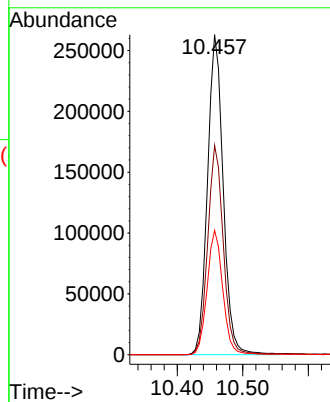
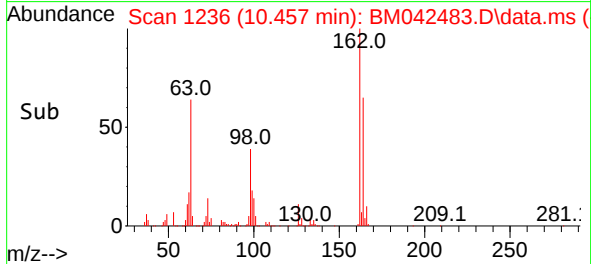
98 38.9 23.4 63.4

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#30

1,2,4-Trichlorobenzene

Concen: 52.166 ng

RT: 10.657 min Scan# 1270

Delta R.T. -0.000 min

Lab File: BM042483.D

Acq: 27 Oct 2023 21:37

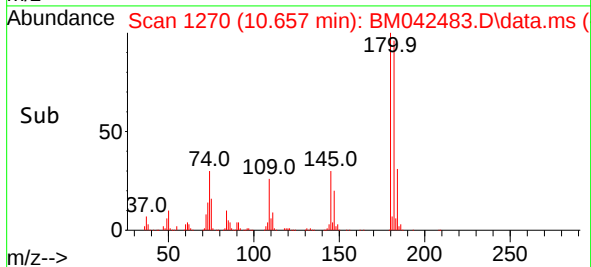
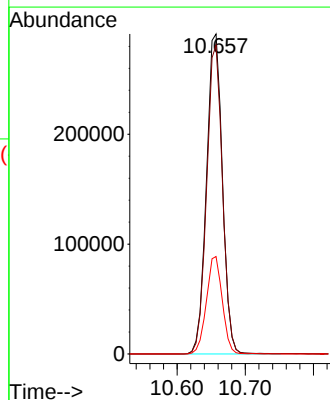
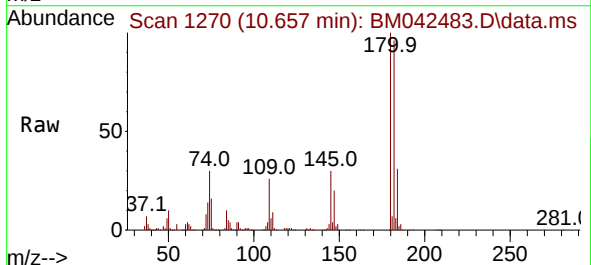
Tgt Ion:180 Resp: 474456

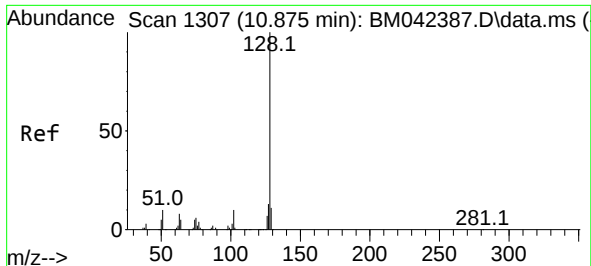
Ion Ratio Lower Upper

180 100

182 96.4 75.0 112.4

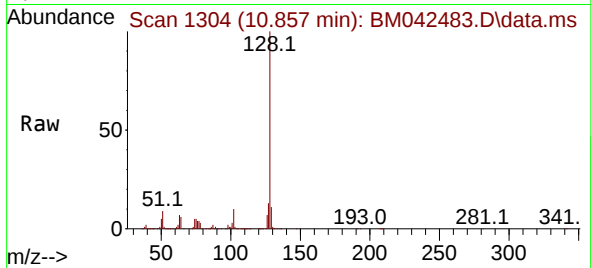
145 30.5 24.6 36.8





#31
Naphthalene
Concen: 46.800 ng
RT: 10.857 min Scan# 1186
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

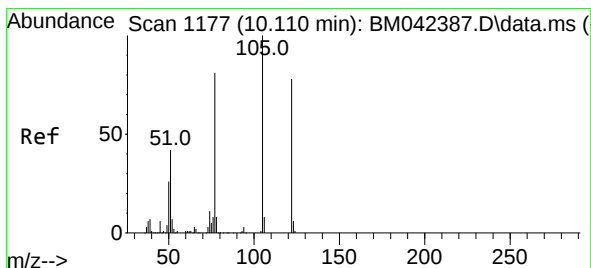
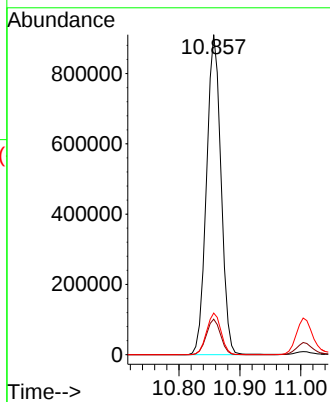
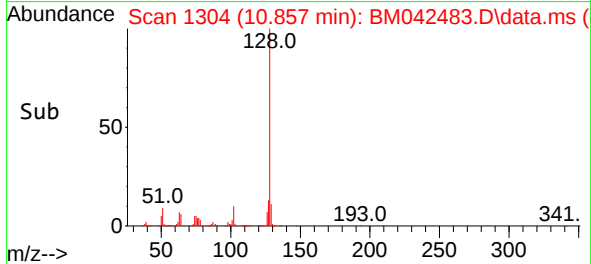
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion:128 Resp: 1504399
Ion Ratio Lower Upper
128 100
129 11.1 8.6 13.0
127 13.0 10.4 15.6

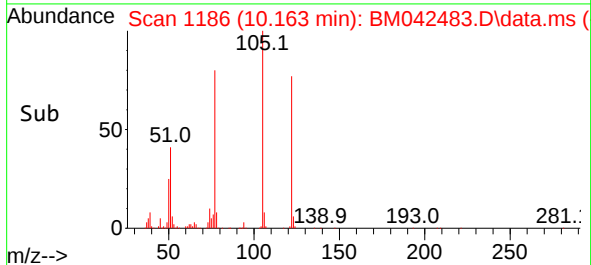
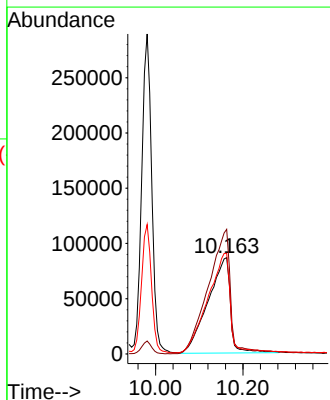
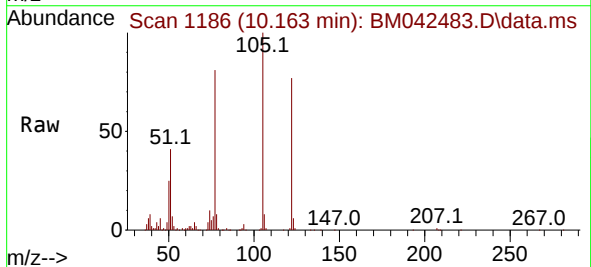
Manual Integrations
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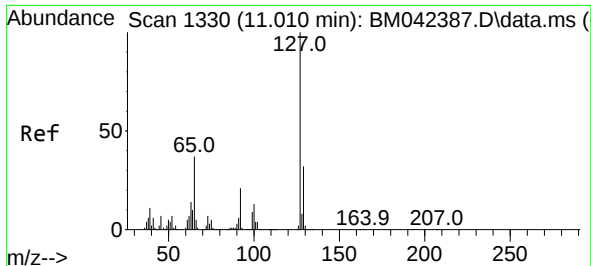
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#32
Benzoic acid
Concen: 43.434 ng
RT: 10.163 min Scan# 1186
Delta R.T. -0.012 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

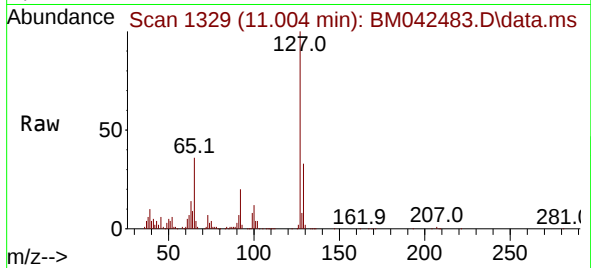
Tgt Ion:122 Resp: 305860
Ion Ratio Lower Upper
122 100
105 129.4 104.9 144.9
77 104.4 83.4 123.4





#33
4-Chloroaniline
Concen: 15.488 ng
RT: 11.004 min Scan# 1329
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

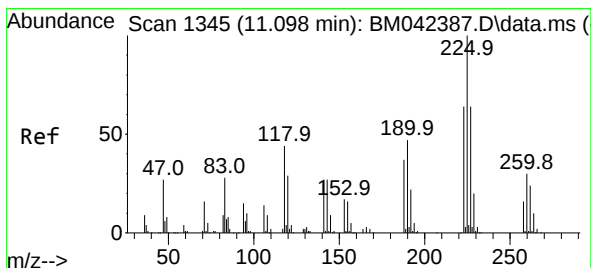
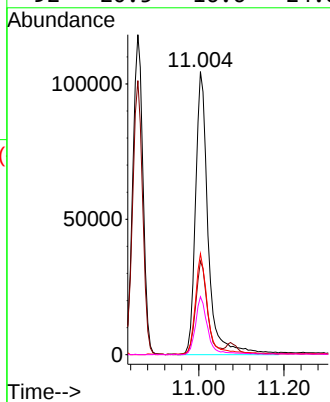
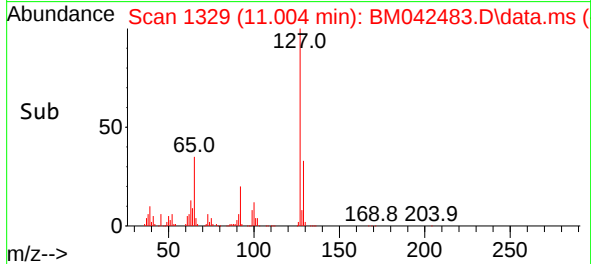
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



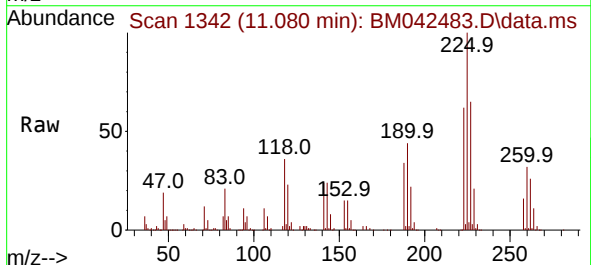
Tgt Ion:127 Resp: 21615
Ion Ratio Lower Upper
127 100
129 33.1 25.3 37.9
65 35.7 29.6 44.4
92 20.5 16.6 24.8

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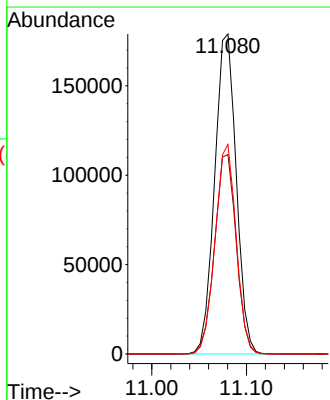
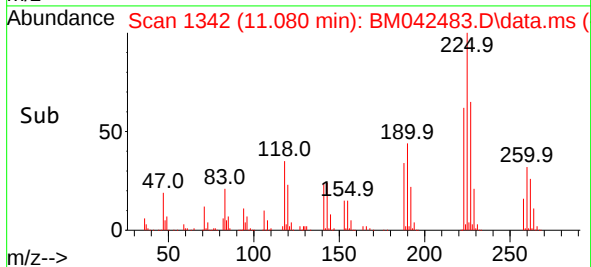
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

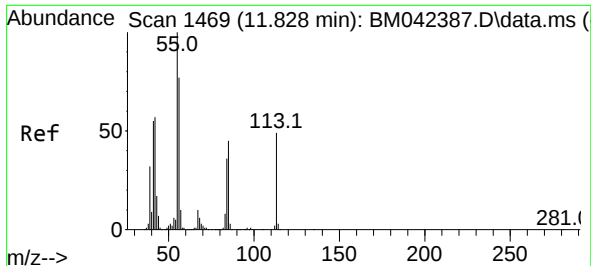


#34
Hexachlorobutadiene
Concen: 57.730 ng
RT: 11.080 min Scan# 1342
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37



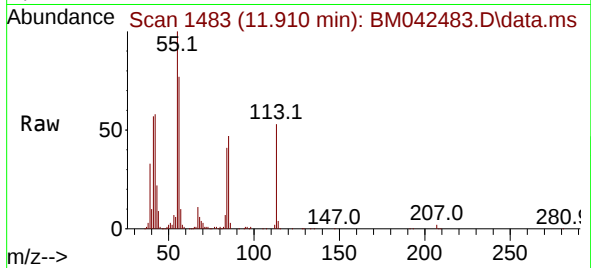
Tgt Ion:225 Resp: 284127
Ion Ratio Lower Upper
225 100
223 62.3 51.5 77.3
227 65.4 51.3 76.9





#35
Caprolactam
Concen: 38.386 ng
RT: 11.910 min Scan# 1469
Delta R.T. -0.035 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

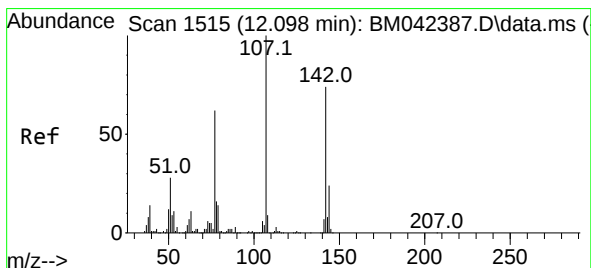
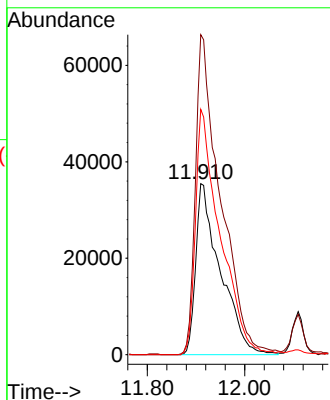
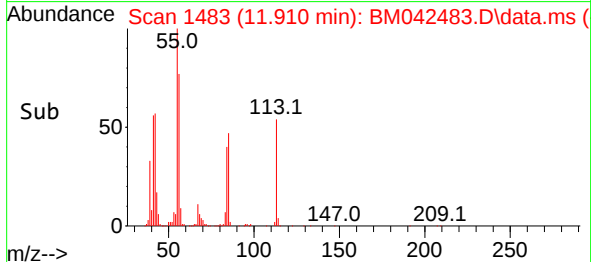
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion:113 Resp: 124710
Ion Ratio Lower Upper
113 100
55 187.2 185.6 225.6
56 143.5 137.8 177.8

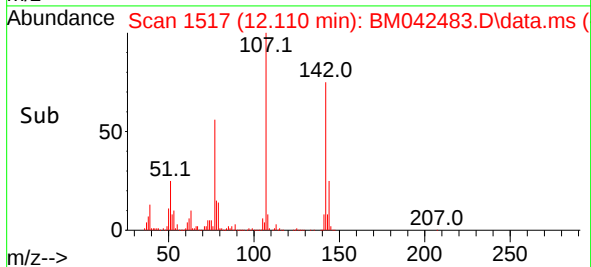
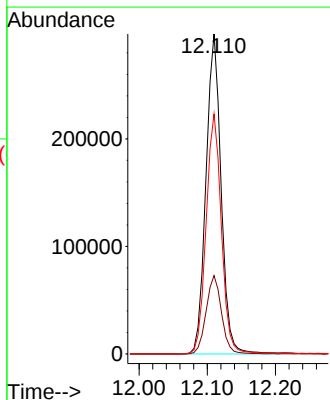
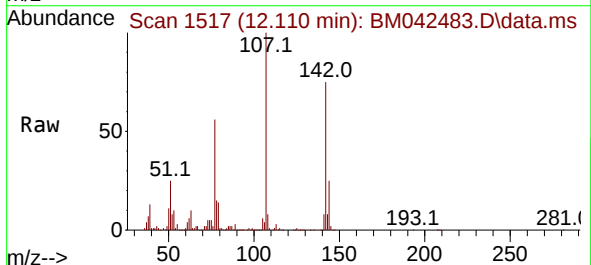
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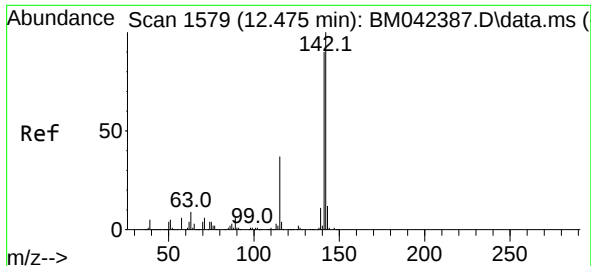
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#36
4-Chloro-3-methylphenol
Concen: 44.968 ng
RT: 12.110 min Scan# 1517
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

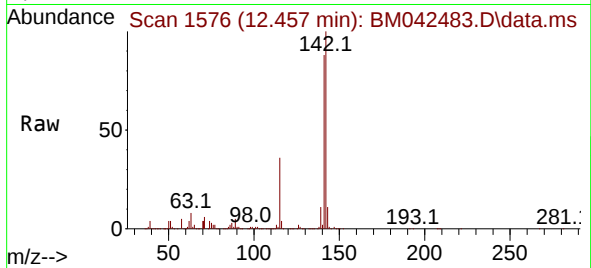
Tgt Ion:107 Resp: 460383
Ion Ratio Lower Upper
107 100
144 24.5 18.9 28.3
142 75.0 59.2 88.8





#37
2-Methylnaphthalene
Concen: 45.714 ng
RT: 12.457 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

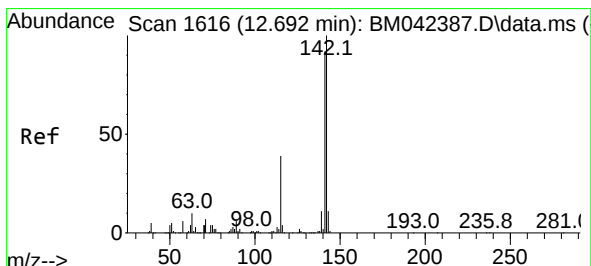
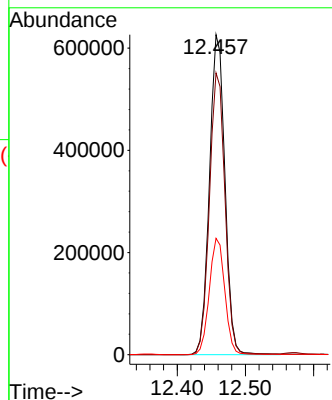
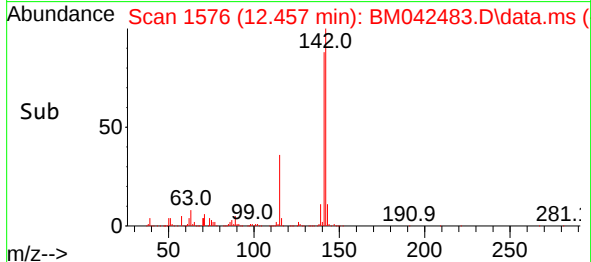
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



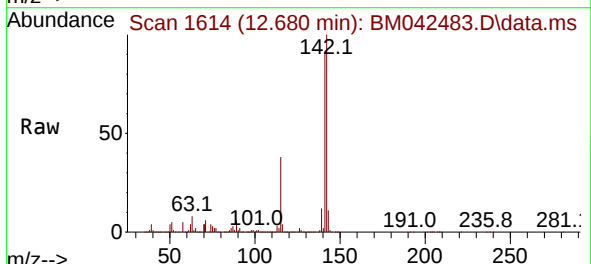
Tgt Ion:142 Resp: 98920
Ion Ratio Lower Upper
142 100
141 88.1 72.0 108.0
115 36.3 29.4 44.2

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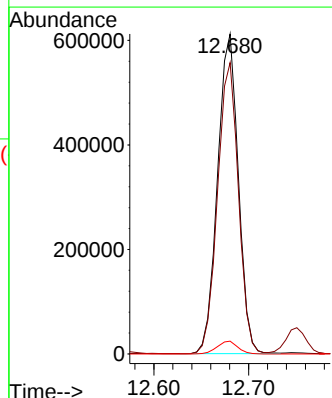
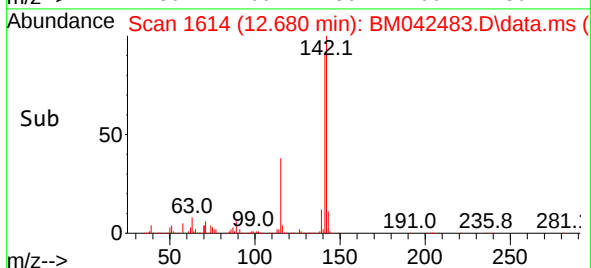
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

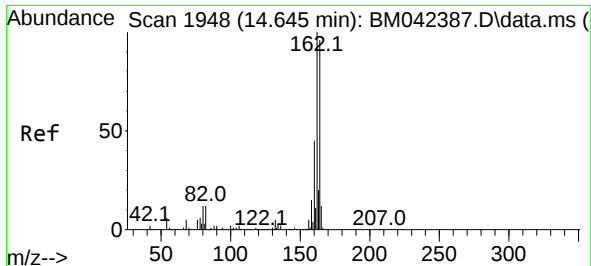


#38
1-Methylnaphthalene
Concen: 45.958 ng
RT: 12.680 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37



Tgt Ion:142 Resp: 931655
Ion Ratio Lower Upper
142 100
141 91.0 73.8 110.6
116 4.0 3.3 4.9





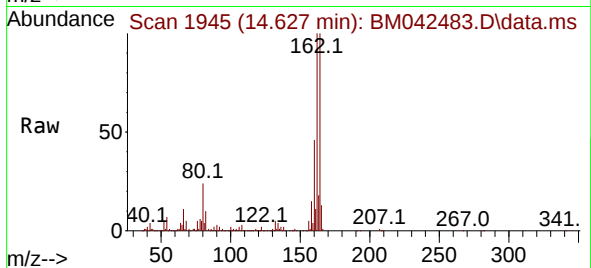
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.627 min Scan# 1945
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

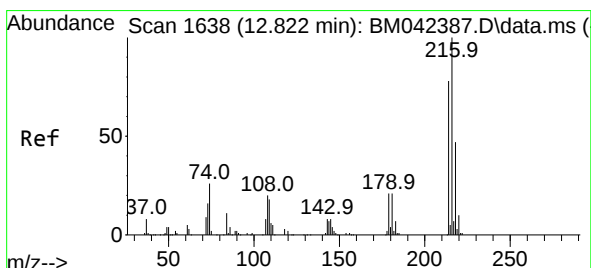
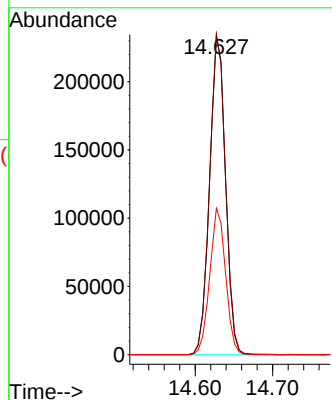
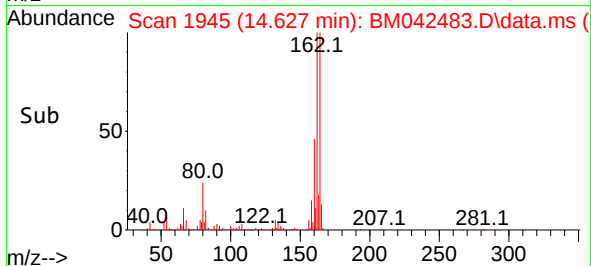


Tgt Ion:164 Resp: 333094
Ion Ratio Lower Upper
164 100
162 99.8 83.0 124.4
160 45.8 37.0 55.4

Manual Integrations

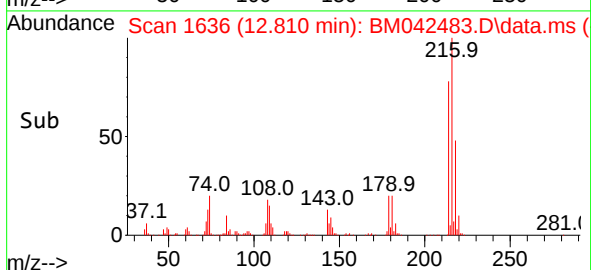
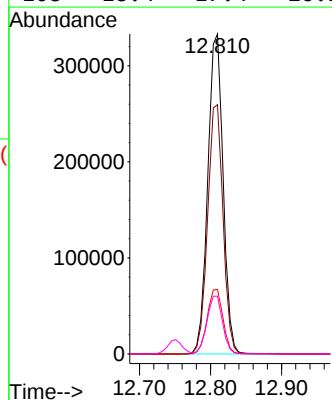
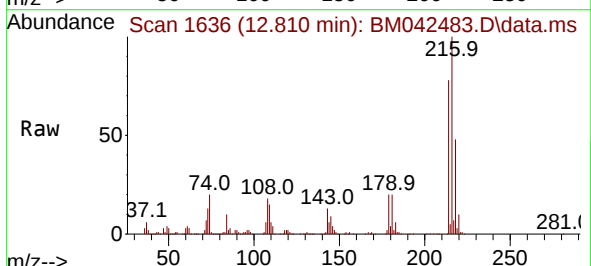
APPROVED

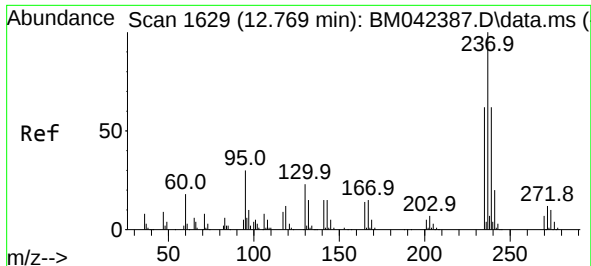
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.906 ng
RT: 12.810 min Scan# 1636
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

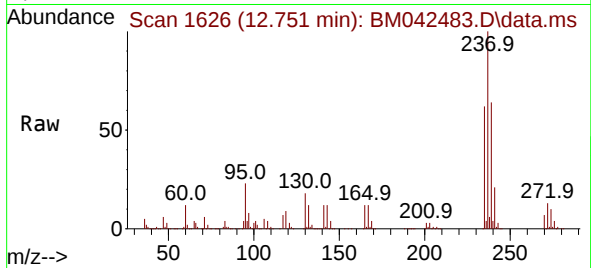
Tgt Ion:216 Resp: 499831
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 20.8 17.2 25.8
108 18.4 17.4 26.2





#41
Hexachlorocyclopentadiene
Concen: 108.699 ng
RT: 12.751 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

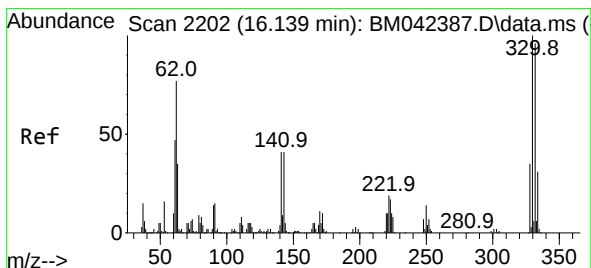
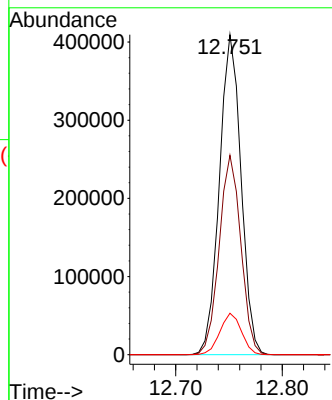
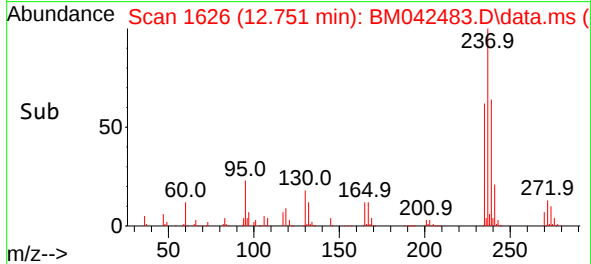
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



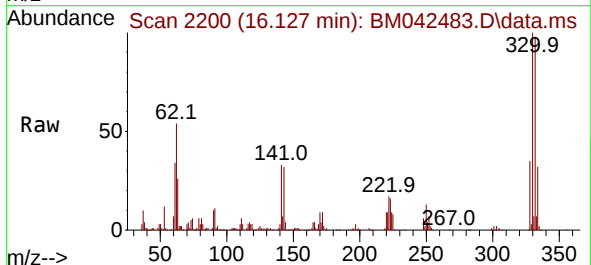
Tgt Ion:237 Resp: 57663
Ion Ratio Lower Upper
237 100
235 62.3 41.5 81.5
272 13.0 0.0 32.2

Manual Integrations
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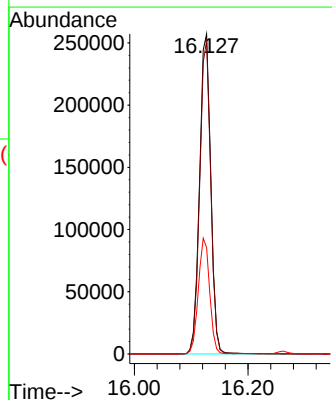
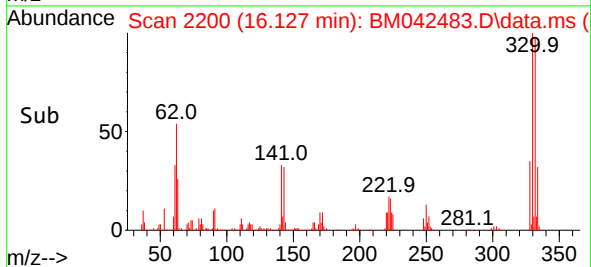
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

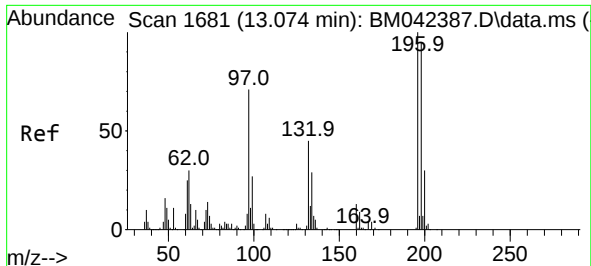


#42
2,4,6-Tribromophenol
Concen: 98.706 ng
RT: 16.127 min Scan# 2200
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37



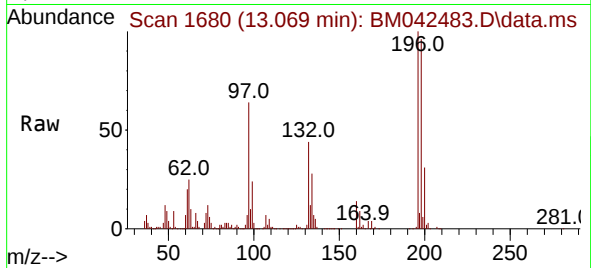
Tgt Ion:330 Resp: 354286
Ion Ratio Lower Upper
330 100
332 96.1 77.6 116.4
141 36.5 38.0 57.0#





#43
2,4,6-Trichlorophenol
Concen: 52.447 ng
RT: 13.069 min Scan# 1680
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

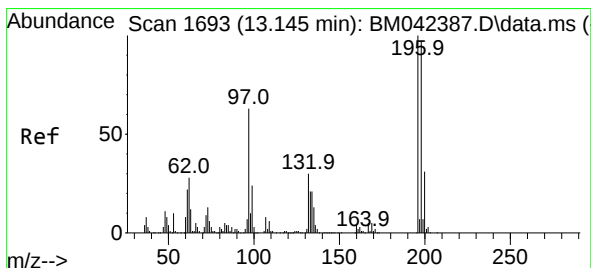
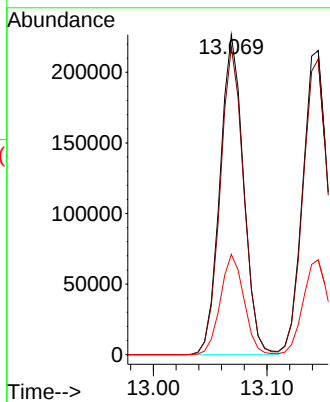
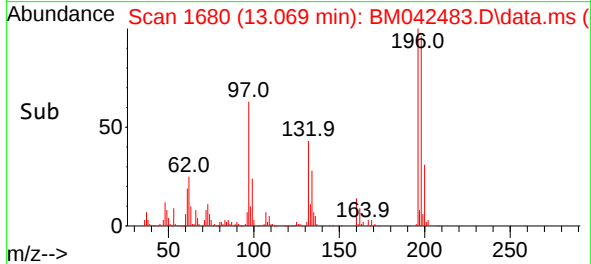
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion:196 Resp: 326935
Ion Ratio Lower Upper
196 100
198 96.2 76.3 114.5
200 31.3 24.3 36.5

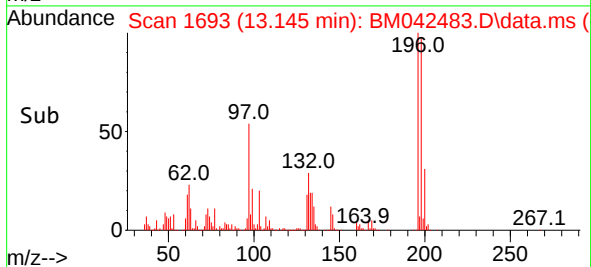
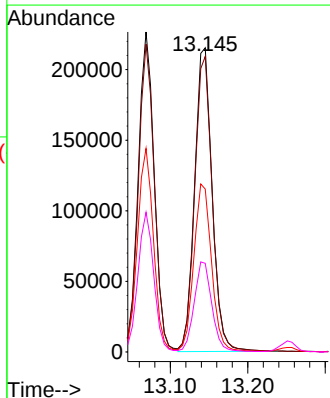
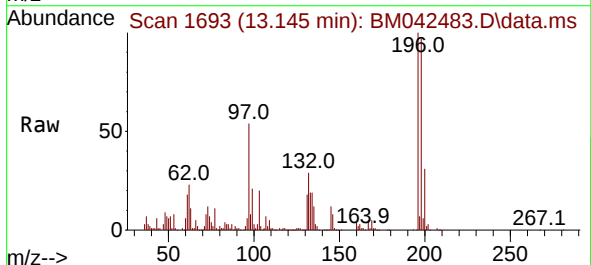
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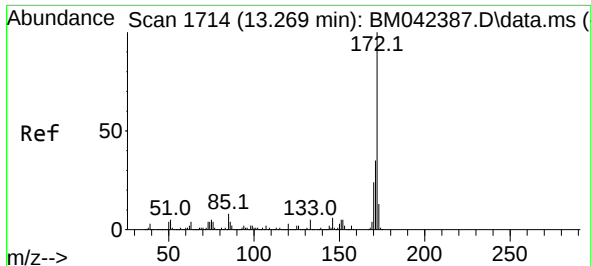
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#44
2,4,5-Trichlorophenol
Concen: 46.092 ng
RT: 13.145 min Scan# 1693
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

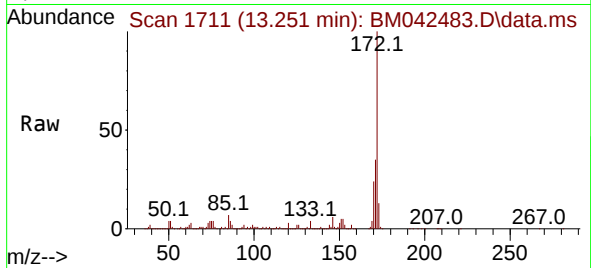
Tgt Ion:196 Resp: 339650
Ion Ratio Lower Upper
196 100
198 97.2 77.9 116.9
97 53.6 50.9 76.3
132 29.2 23.8 35.6





#45
2-Fluorobiphenyl
Concen: 93.130 ng
RT: 13.251 min Scan# 1711
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

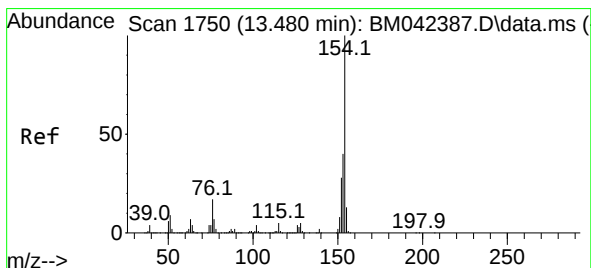
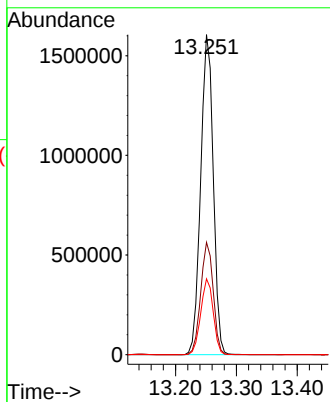
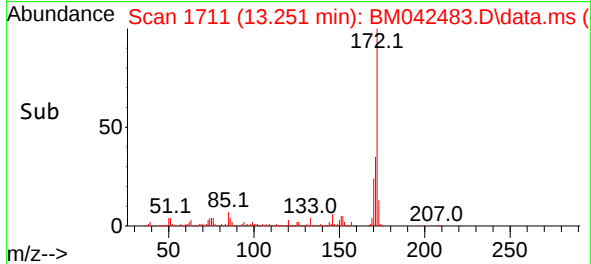
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



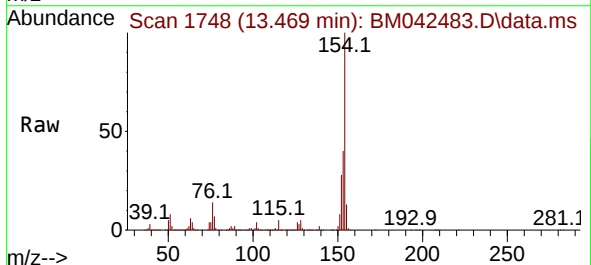
Tgt Ion:172 Resp: 2303649
Ion Ratio Lower Upper
172 100
171 35.1 28.1 42.1
170 23.7 18.9 28.3

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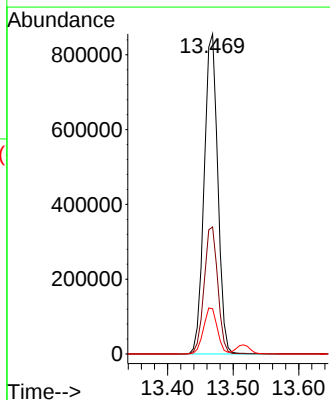
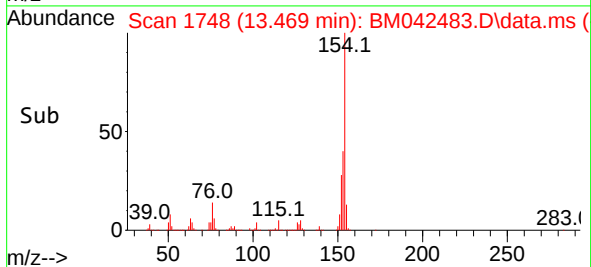
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

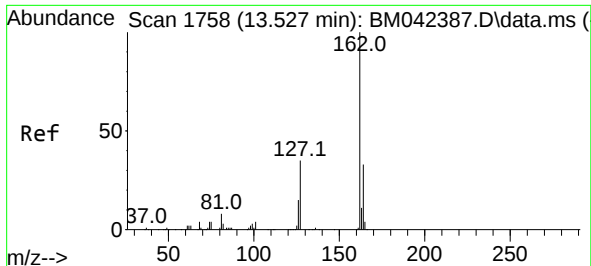


#46
1,1'-Biphenyl
Concen: 46.915 ng
RT: 13.469 min Scan# 1748
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37



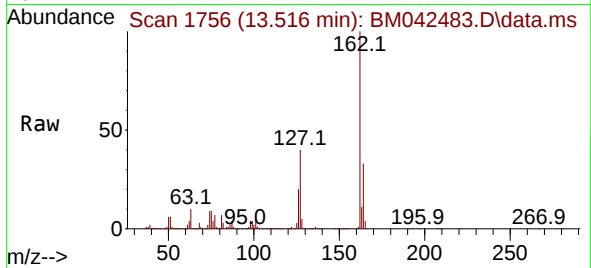
Tgt Ion:154 Resp: 1239698
Ion Ratio Lower Upper
154 100
153 39.7 19.9 59.9
76 14.1 0.0 36.9





#47
2-Chloronaphthalene
Concen: 48.766 ng
RT: 13.516 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

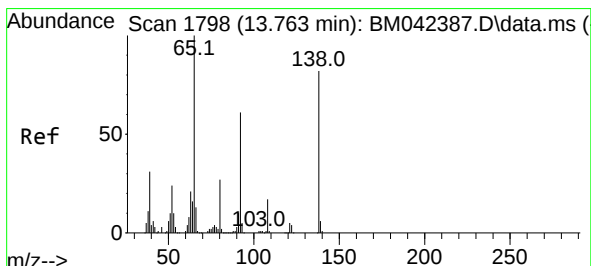
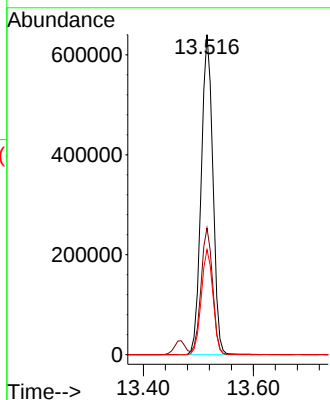
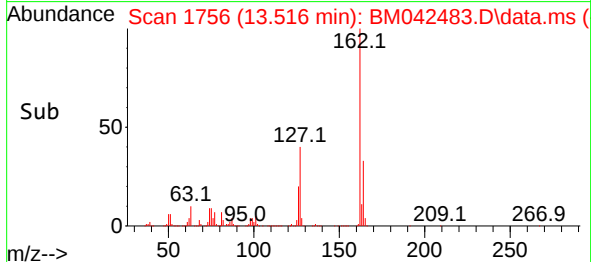
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion:162 Resp: 94540
Ion Ratio Lower Upper
162 100
127 39.6 32.2 48.2
164 32.8 26.2 39.2

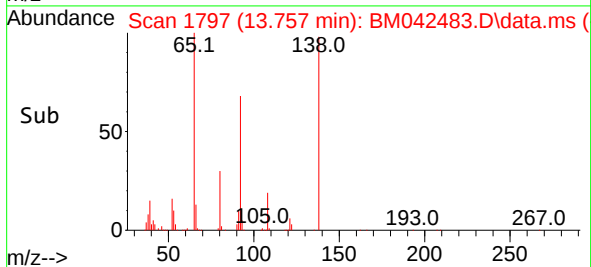
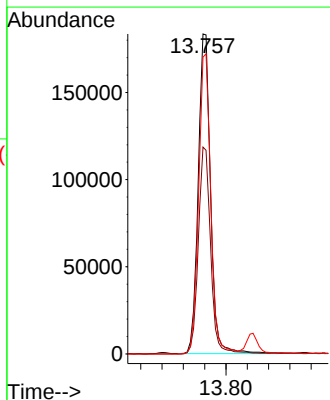
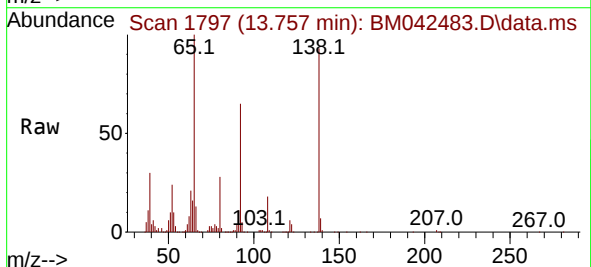
Manual Integrations
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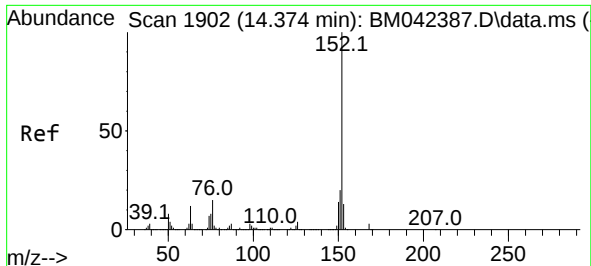
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#48
2-Nitroaniline
Concen: 35.415 ng
RT: 13.757 min Scan# 1797
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

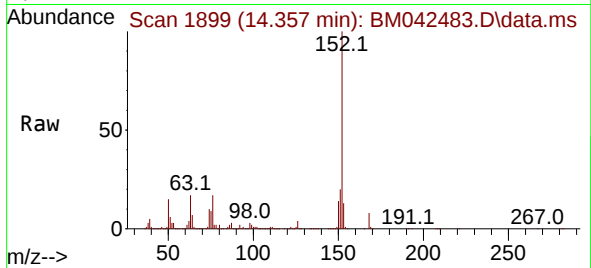
Tgt Ion: 65 Resp: 294490
Ion Ratio Lower Upper
65 100
92 64.7 49.0 73.6
138 92.7 65.5 98.3





#49
Acenaphthylene
Concen: 46.206 ng
RT: 14.357 min Scan# 1899
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

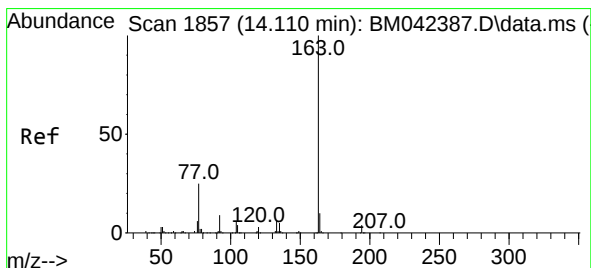
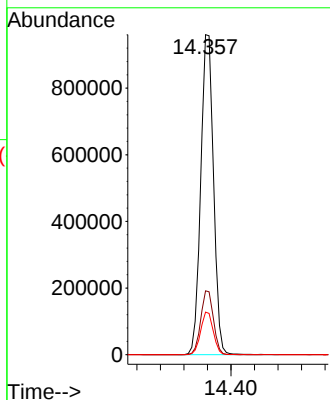
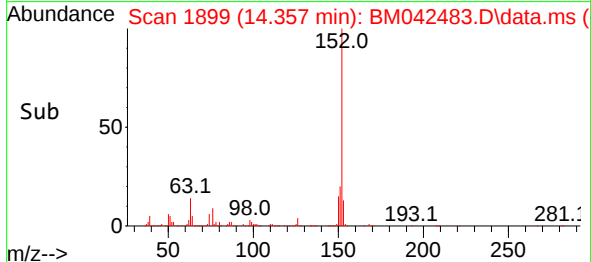
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



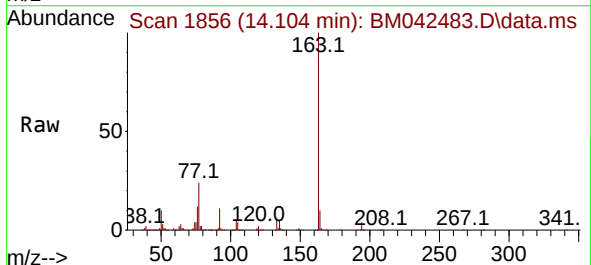
Tgt Ion:152 Resp: 144615
Ion Ratio Lower Upper
152 100
151 19.9 15.9 23.9
153 13.3 10.5 15.7

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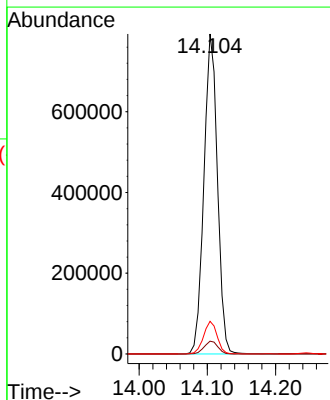
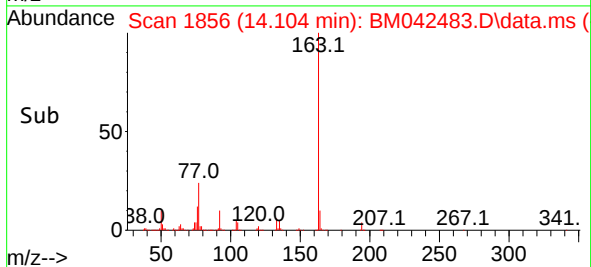
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

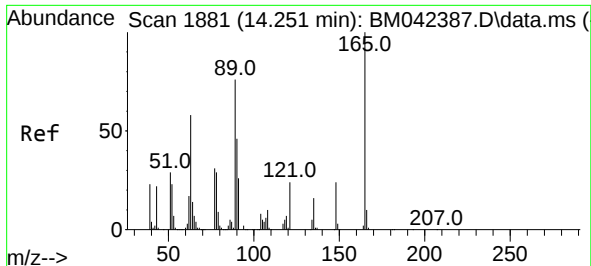


#50
Dimethylphthalate
Concen: 44.778 ng
RT: 14.104 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37



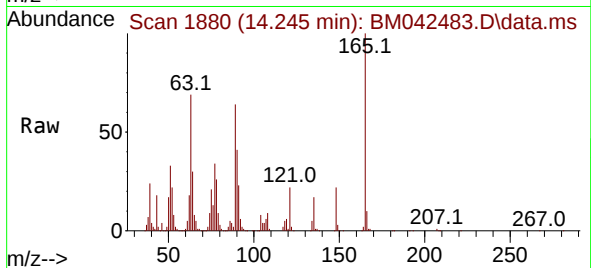
Tgt Ion:163 Resp: 1094044
Ion Ratio Lower Upper
163 100
194 4.0 3.0 4.4
164 10.2 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 42.833 ng
RT: 14.245 min Scan# 1881
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

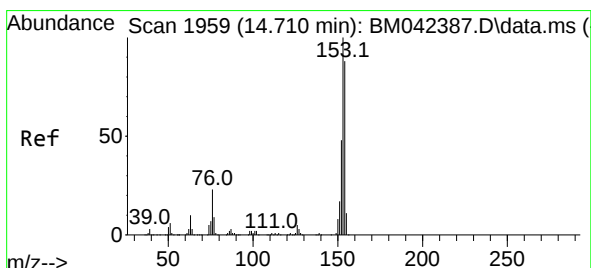
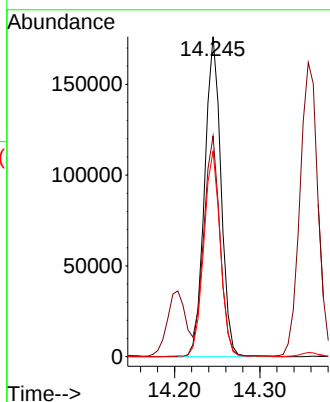
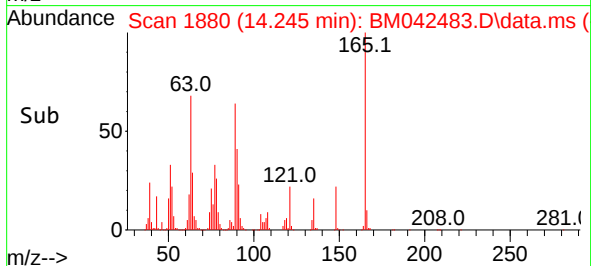
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion:165 Resp: 234470
Ion Ratio Lower Upper
165 100
63 68.9 65.3 97.9
89 64.2 60.6 91.0

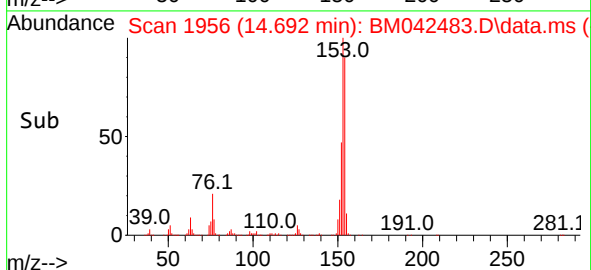
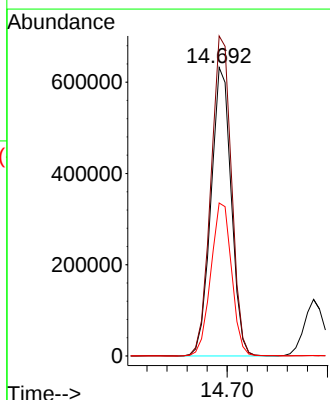
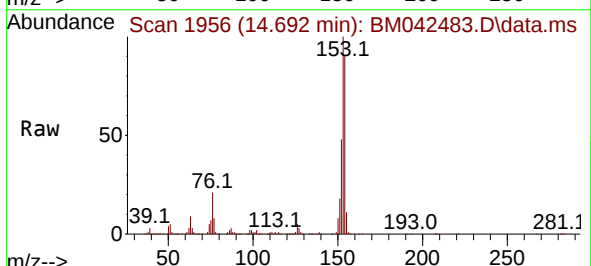
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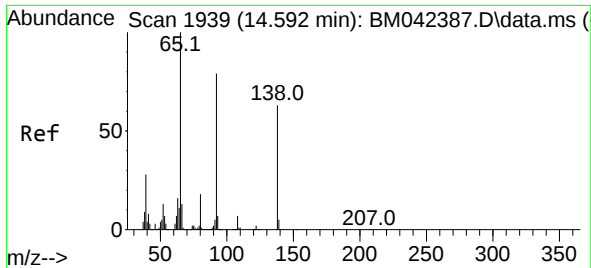
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#52
Acenaphthene
Concen: 46.874 ng
RT: 14.692 min Scan# 1956
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

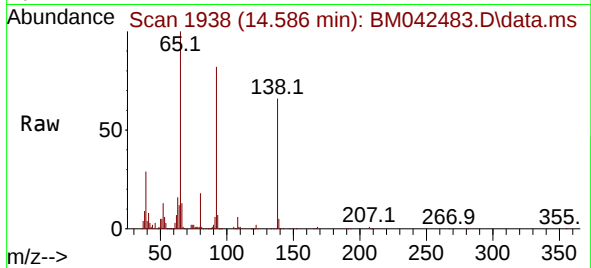
Tgt Ion:154 Resp: 886955
Ion Ratio Lower Upper
154 100
153 110.9 91.1 136.7
152 53.1 44.0 66.0





#53
3-Nitroaniline
Concen: 23.323 ng
RT: 14.586 min Scan# 1938
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

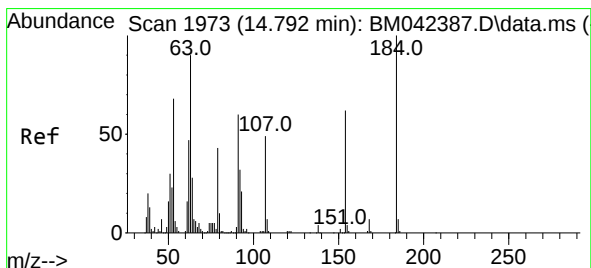
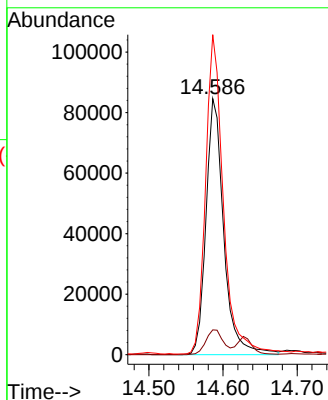
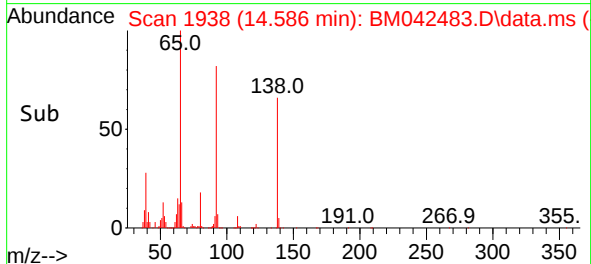
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion:138 Resp: 140784
Ion Ratio Lower Upper
138 100
108 9.7 8.3 12.5
92 125.0 100.6 151.0

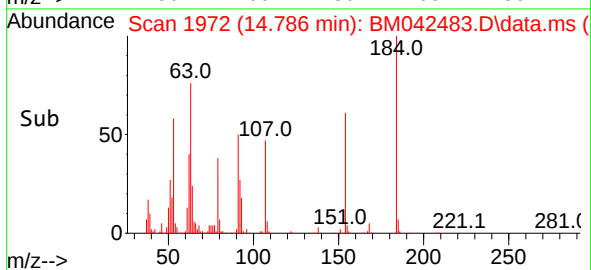
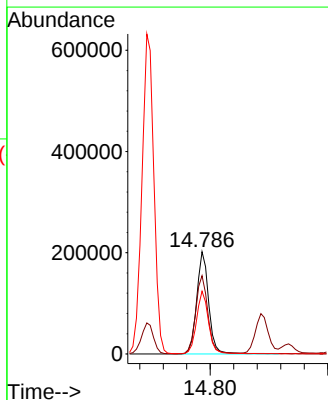
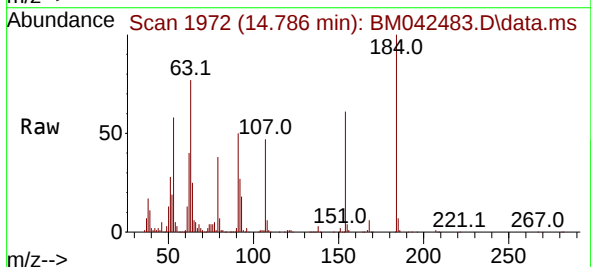
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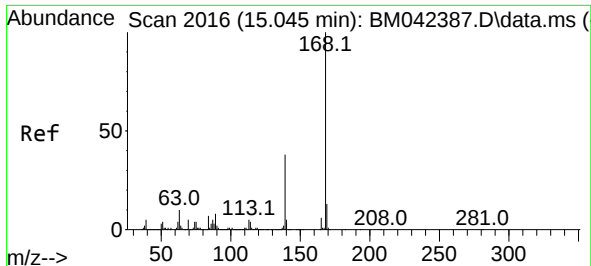
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#54
2,4-Dinitrophenol
Concen: 83.295 ng
RT: 14.786 min Scan# 1972
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

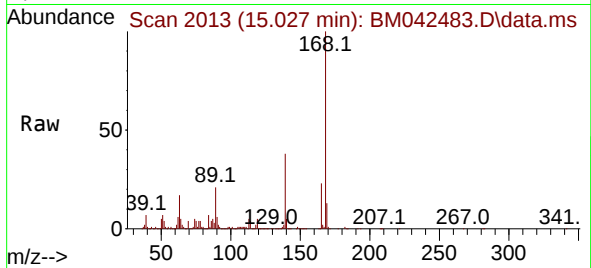
Tgt Ion:184 Resp: 285917
Ion Ratio Lower Upper
184 100
63 76.5 72.2 108.2
154 61.4 49.6 74.4





#55
Dibenzenofuran
Concen: 45.350 ng
RT: 15.027 min Scan# 2016
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

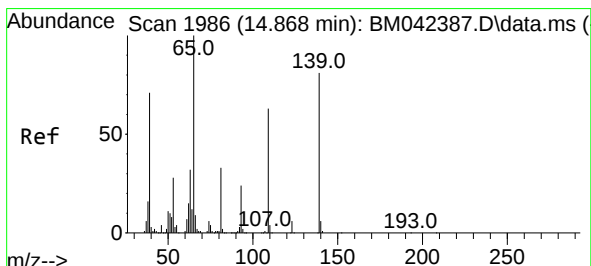
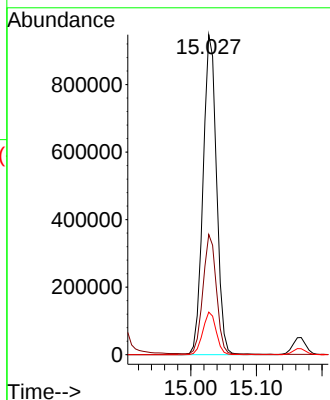
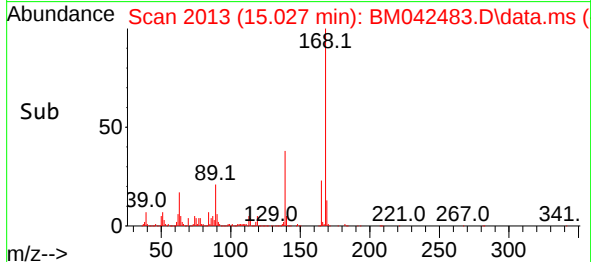
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion:168 Resp: 1357239
Ion Ratio Lower Upper
168 100
139 37.6 30.6 46.0
169 13.3 10.4 15.6

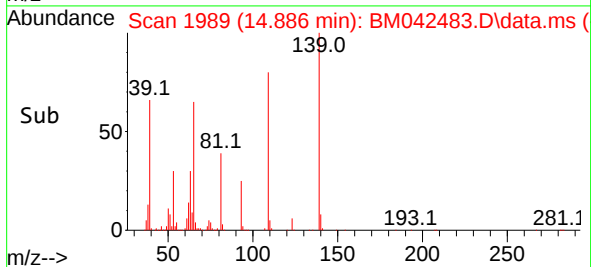
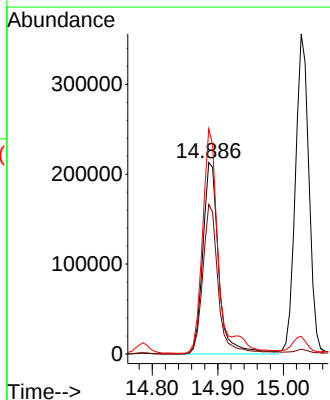
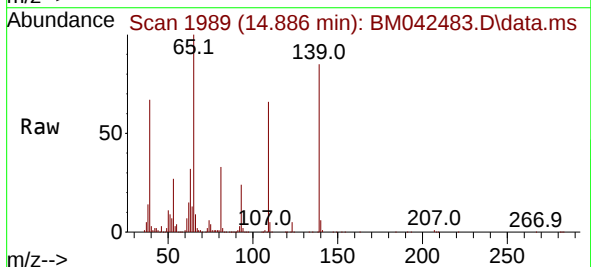
Manual Integrations
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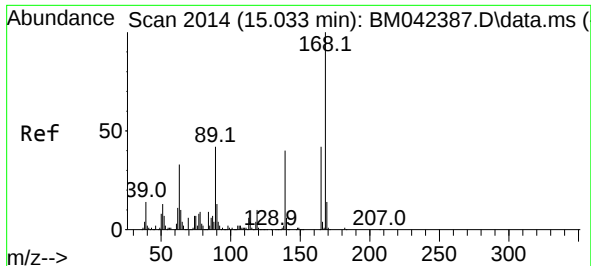
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#56
4-Nitrophenol
Concen: 72.452 ng
RT: 14.886 min Scan# 1989
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

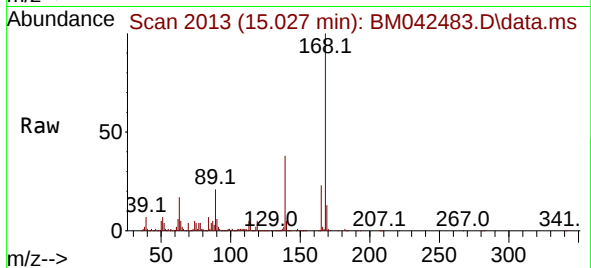
Tgt Ion:139 Resp: 360528
Ion Ratio Lower Upper
139 100
109 78.1 58.0 98.0
65 117.6 104.2 144.2





#57
2,4-Dinitrotoluene
Concen: 40.053 ng
RT: 15.027 min Scan# 2014
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

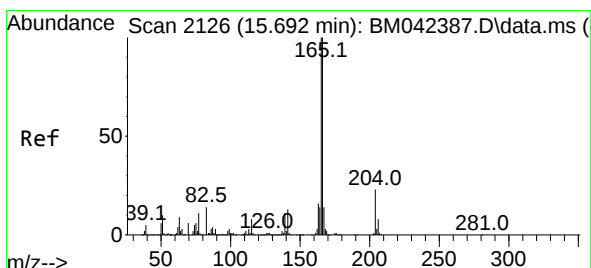
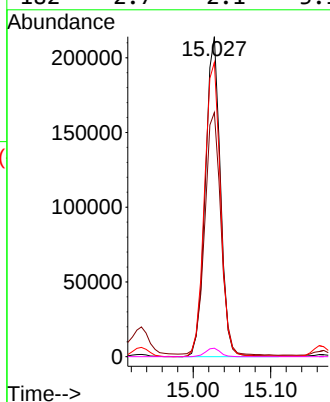
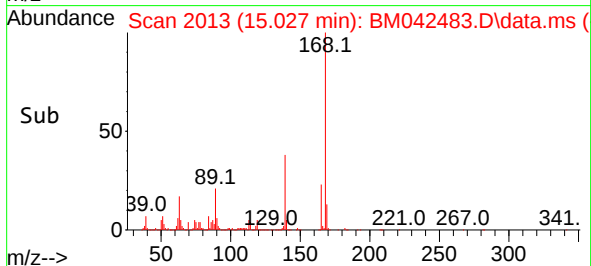
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion:165 Resp: 290100
Ion Ratio Lower Upper
165 100
63 76.3 62.9 94.3
89 91.9 80.2 120.2
182 2.7 2.1 3.1

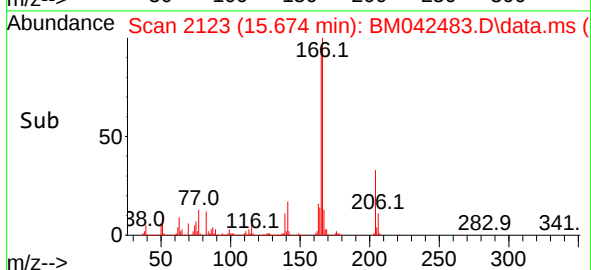
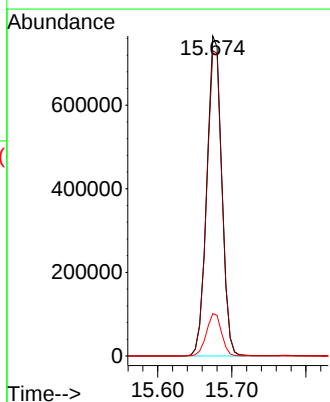
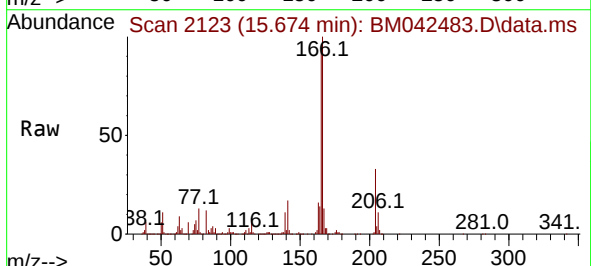
Manual Integrations
APPROVED

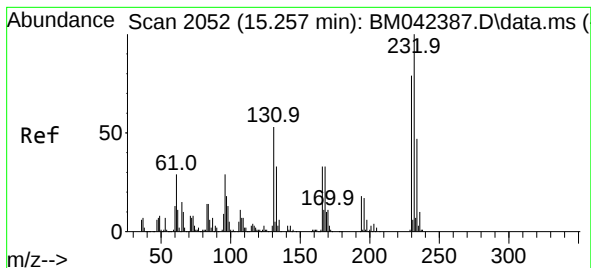
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#58
Fluorene
Concen: 45.324 ng
RT: 15.674 min Scan# 2123
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

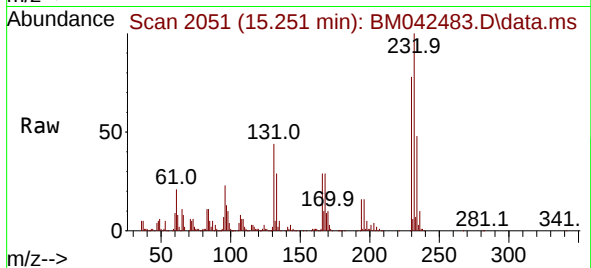
Tgt Ion:166 Resp: 1070392
Ion Ratio Lower Upper
166 100
165 95.4 79.6 119.4
167 13.3 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 52.246 ng
RT: 15.251 min Scan# 2051
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

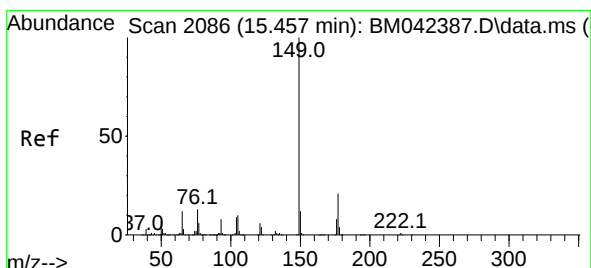
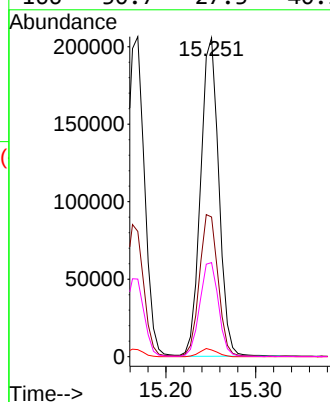
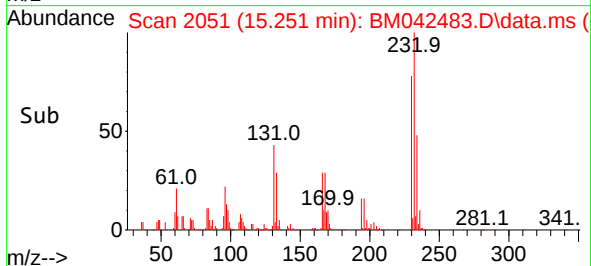
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



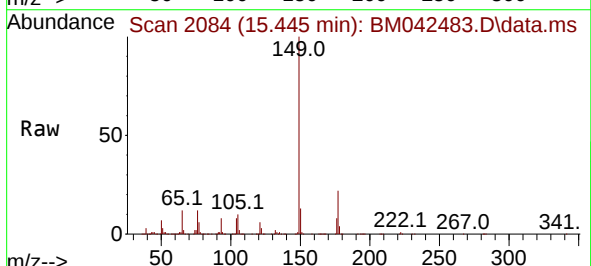
Tgt Ion:232 Resp: 289220
Ion Ratio Lower Upper
232 100
131 46.3 42.8 64.2
130 2.4 2.2 3.2
166 30.7 27.3 40.9

Manual Integrations
APPROVED

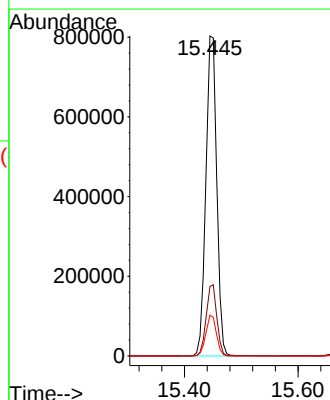
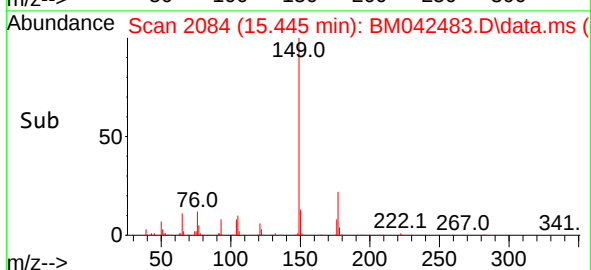
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023

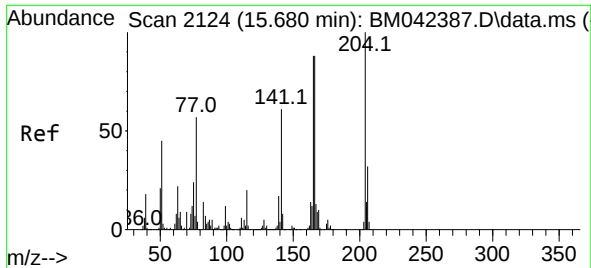


#60
Diethylphthalate
Concen: 44.195 ng
RT: 15.445 min Scan# 2084
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37



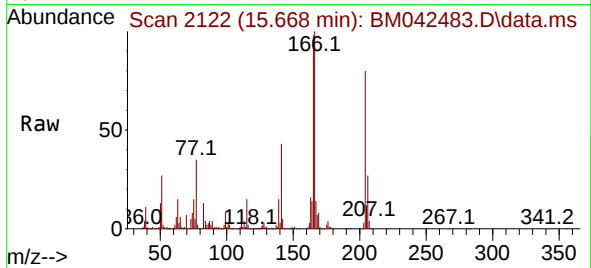
Tgt Ion:149 Resp: 1065577
Ion Ratio Lower Upper
149 100
177 21.7 16.7 25.1
150 12.8 9.8 14.6





#61
4-Chlorophenyl-phenylether
Concen: 49.237 ng
RT: 15.668 min Scan# 2122
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

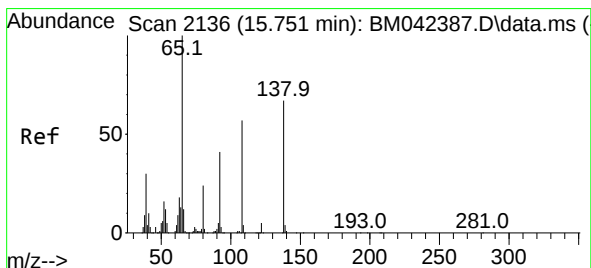
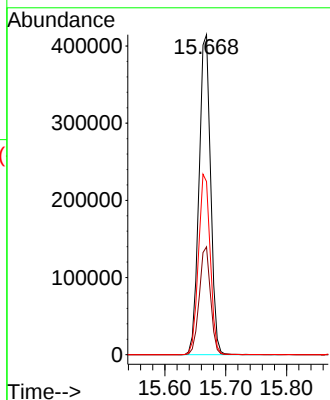
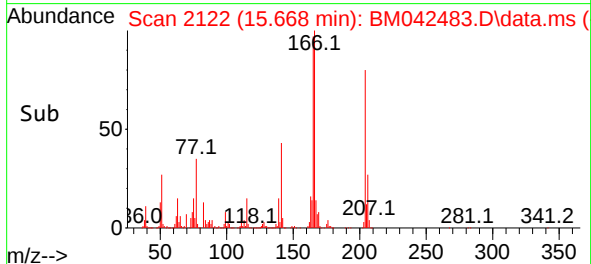
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion:204 Resp: 547610
Ion Ratio Lower Upper
204 100
206 33.7 25.4 38.0
141 54.1 49.1 73.7

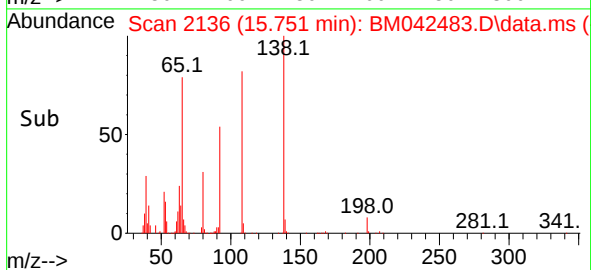
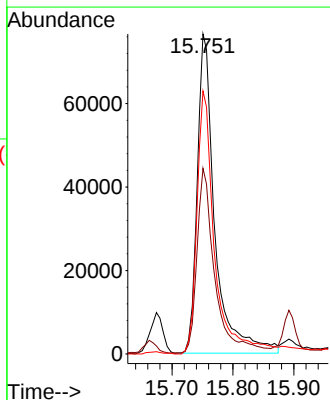
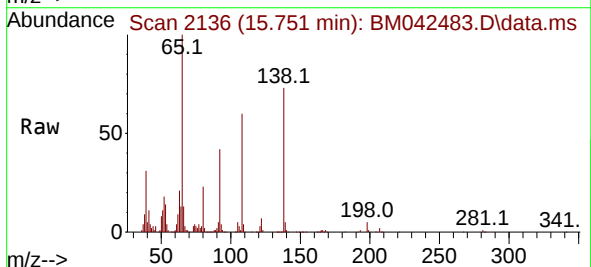
Manual Integrations
APPROVED

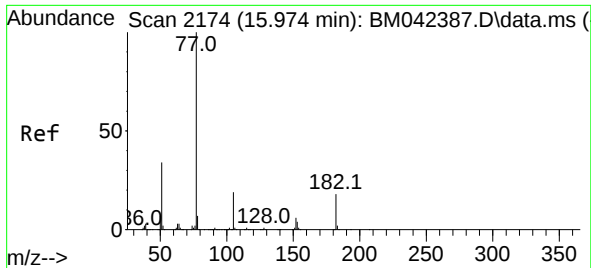
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#62
4-Nitroaniline
Concen: 26.418 ng
RT: 15.751 min Scan# 2136
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

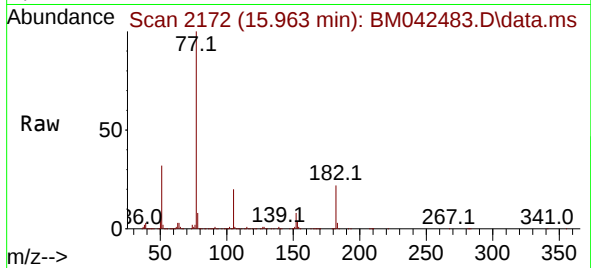
Tgt Ion:138 Resp: 154174
Ion Ratio Lower Upper
138 100
92 58.0 40.4 80.4
108 82.1 65.3 105.3





#63
Azobenzene
Concen: 41.393 ng
RT: 15.963 min Scan# 2172
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

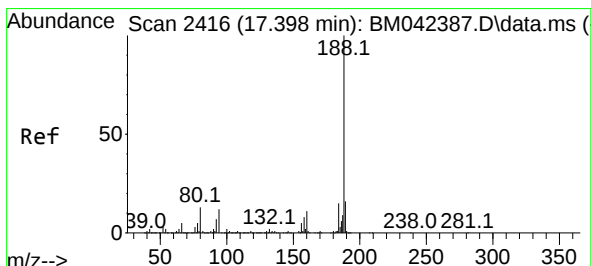
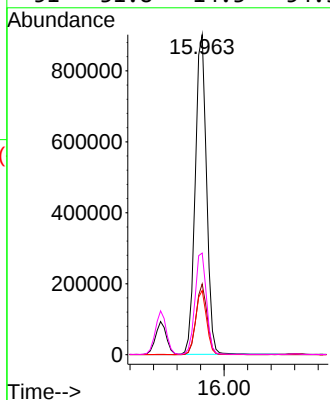
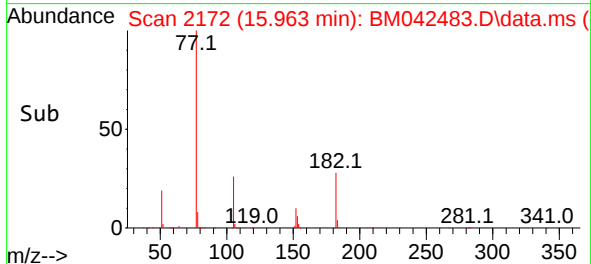
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion: 77 Resp: 1197378
Ion Ratio Lower Upper
77 100
182 22.1 0.0 37.7
105 20.1 0.0 38.9
51 31.8 14.3 54.3

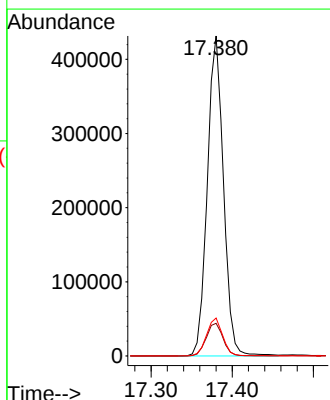
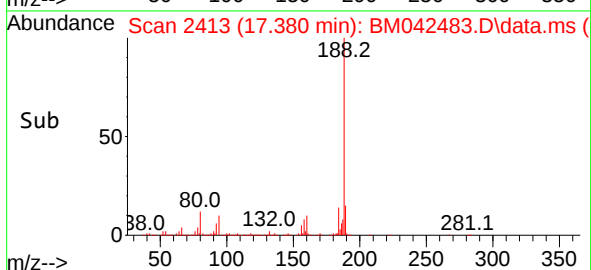
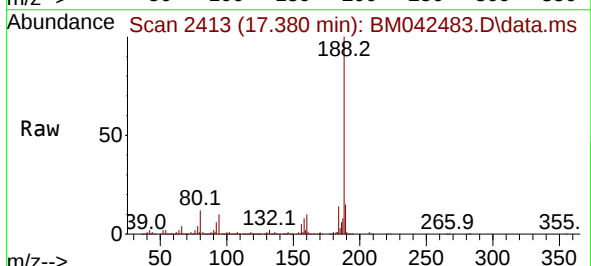
Manual Integrations
APPROVED

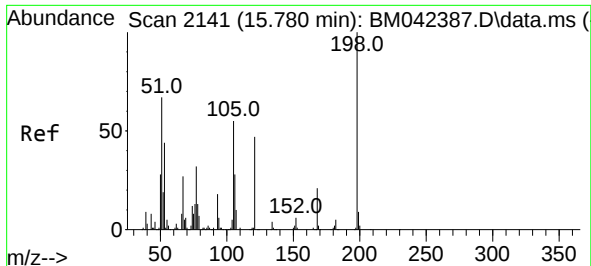
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.380 min Scan# 2413
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

Tgt Ion:188 Resp: 595602
Ion Ratio Lower Upper
188 100
94 10.2 9.4 14.0
80 11.9 10.7 16.1





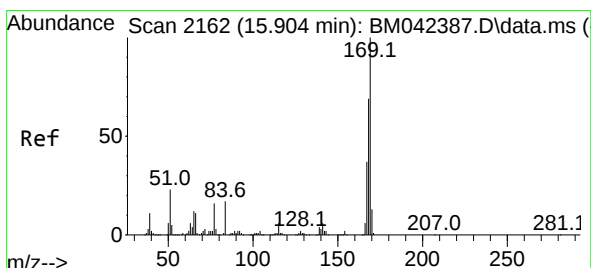
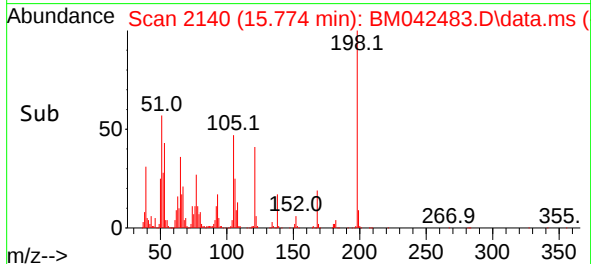
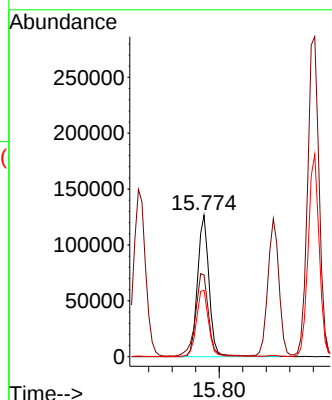
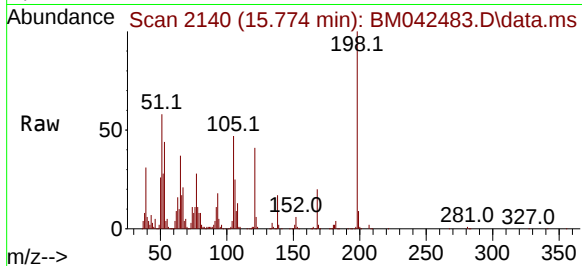
#65
4,6-Dinitro-2-methylphenol
Concen: 45.423 ng
RT: 15.774 min Scan# 2141
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

Instrument :
BNA_M
ClientSampleId :
PB156526BSD

Tgt Ion:198 Resp: 17138
Ion Ratio Lower Upper
198 100
51 57.7 54.1 94.1
105 46.9 35.9 75.9

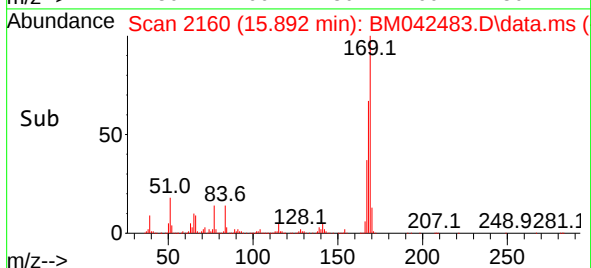
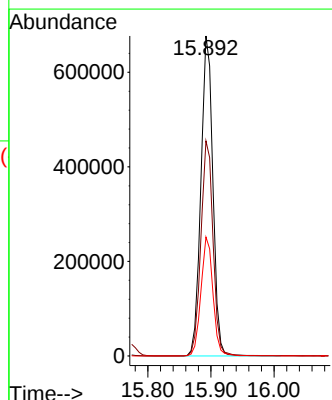
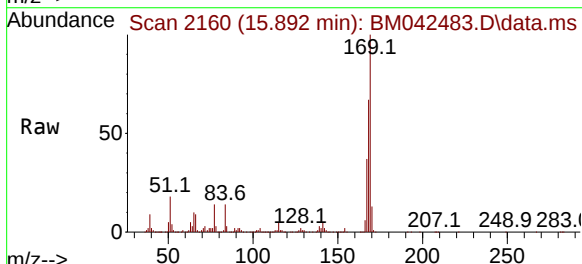
Manual Integrations
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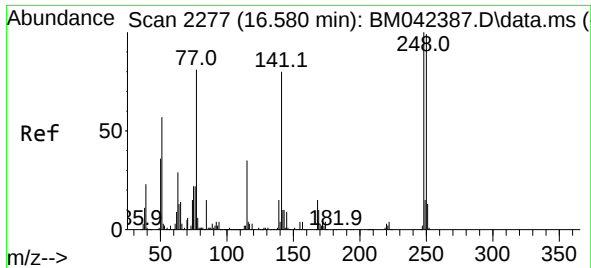
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#66
n-Nitrosodiphenylamine
Concen: 49.767 ng
RT: 15.892 min Scan# 2160
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

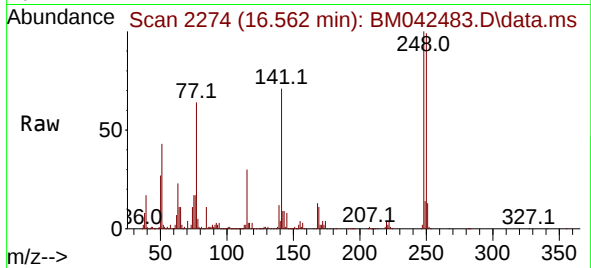
Tgt Ion:169 Resp: 892787
Ion Ratio Lower Upper
169 100
168 67.2 55.4 83.2
167 37.2 29.9 44.9





#67
4-Bromophenyl-phenylether
Concen: 57.643 ng
RT: 16.562 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

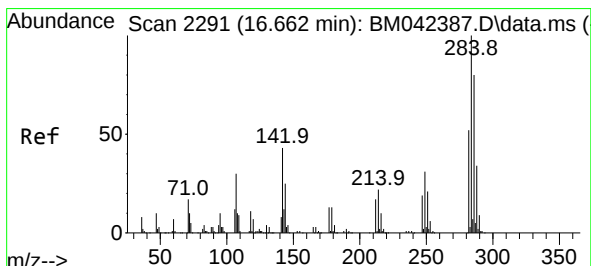
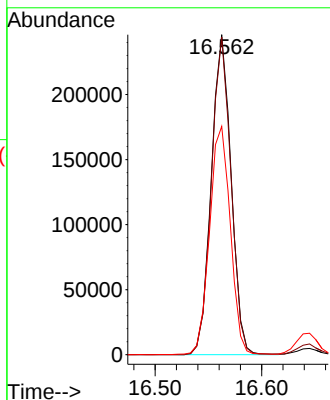
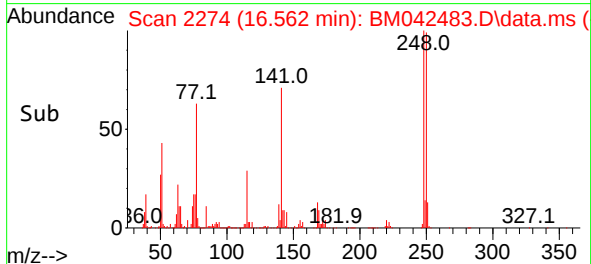
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion:248 Resp: 318199
Ion Ratio Lower Upper
248 100
250 99.3 79.4 119.2
141 71.4 64.3 96.5

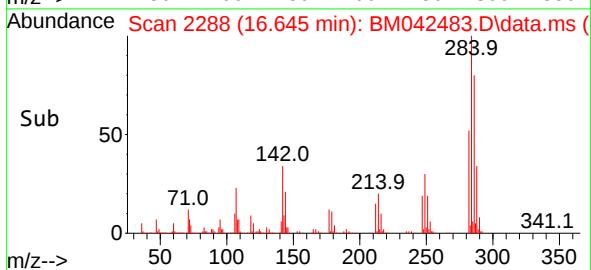
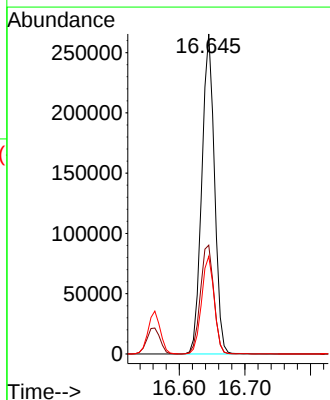
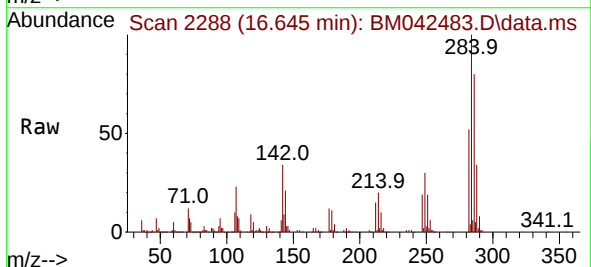
Manual Integrations
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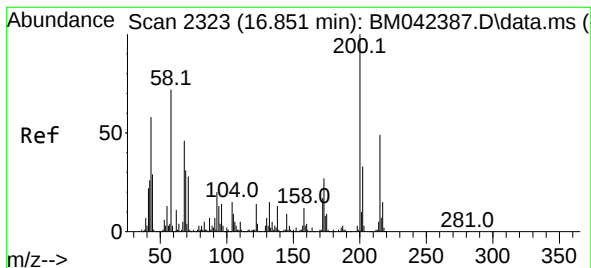
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#68
Hexachlorobenzene
Concen: 60.650 ng
RT: 16.645 min Scan# 2288
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

Tgt Ion:284 Resp: 357865
Ion Ratio Lower Upper
284 100
142 34.0 34.2 51.2#
249 30.5 24.7 37.1





#69

Atrazine

Concen: 65.465 ng

RT: 16.851 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042483.D

Acq: 27 Oct 2023 21:37

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

Tgt Ion:200 Resp: 297820

Ion Ratio Lower Upper

200 100

173 26.2 6.6 46.6

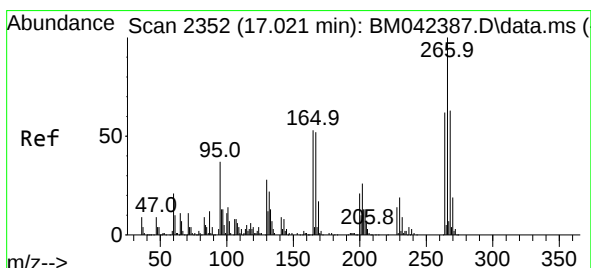
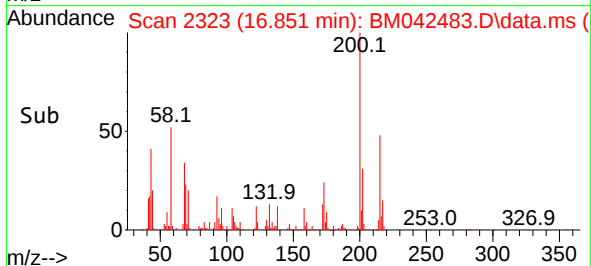
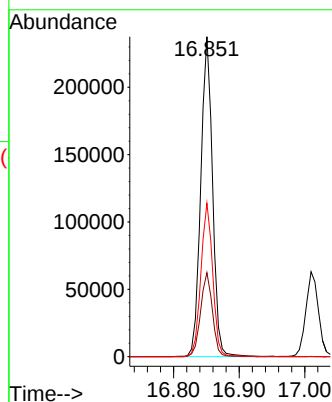
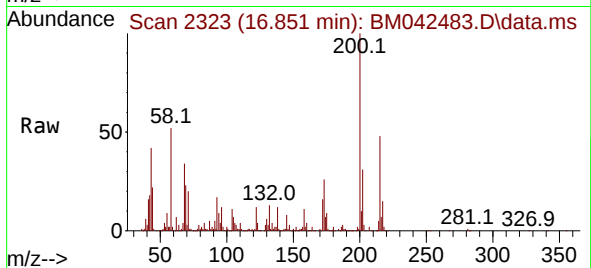
215 48.0 28.6 68.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#70

Pentachlorophenol

Concen: 90.289 ng

RT: 17.010 min Scan# 2350

Delta R.T. -0.006 min

Lab File: BM042483.D

Acq: 27 Oct 2023 21:37

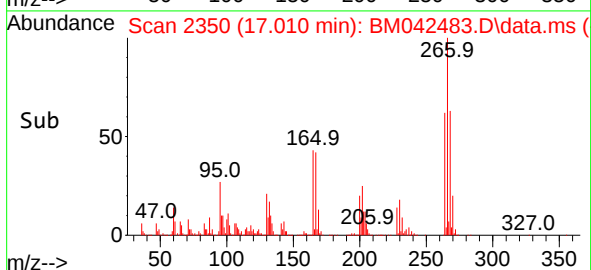
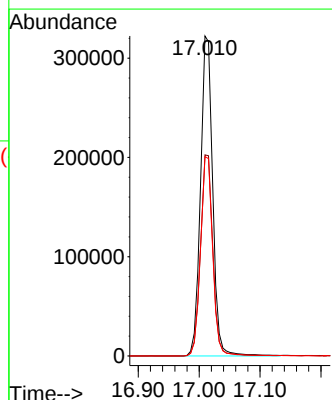
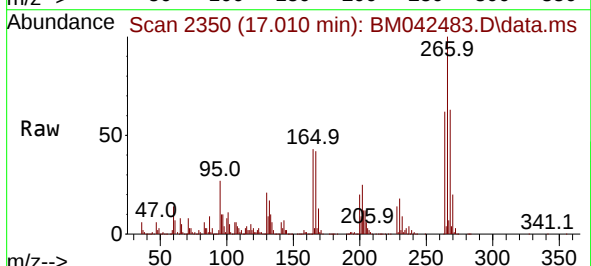
Tgt Ion:266 Resp: 448851

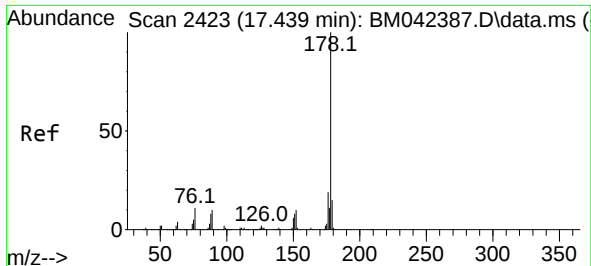
Ion Ratio Lower Upper

266 100

268 62.8 50.6 76.0

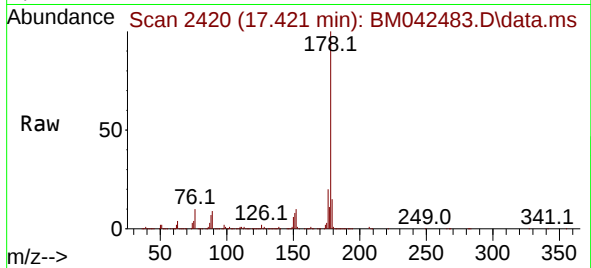
264 62.3 49.4 74.0





#71
Phenanthrene
Concen: 46.963 ng
RT: 17.421 min Scan# 2423
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

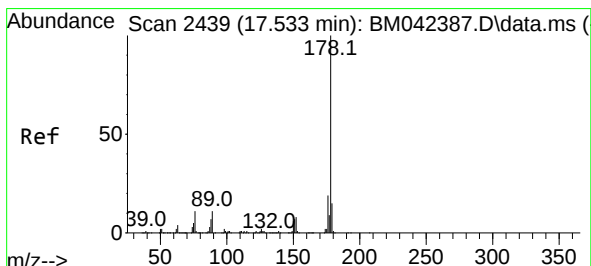
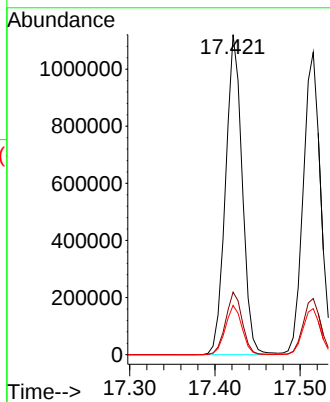
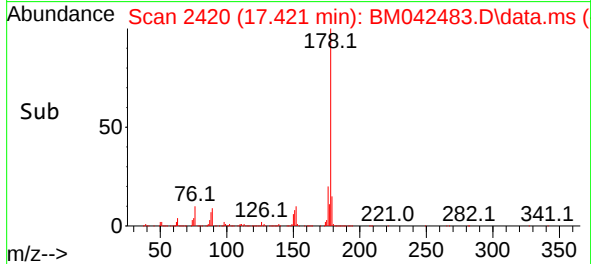
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion:178 Resp: 152165
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 15.4 12.3 18.5

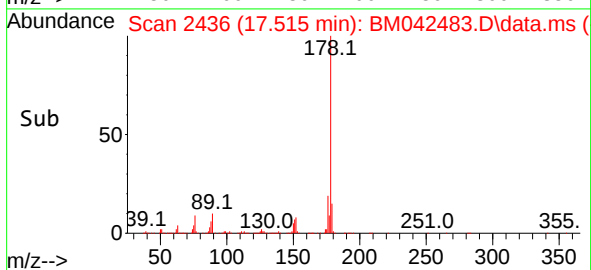
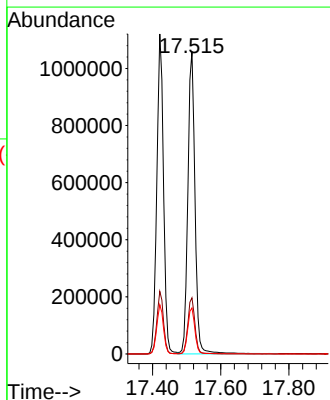
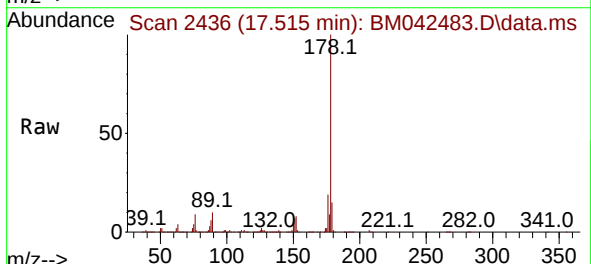
Manual Integrations
APPROVED

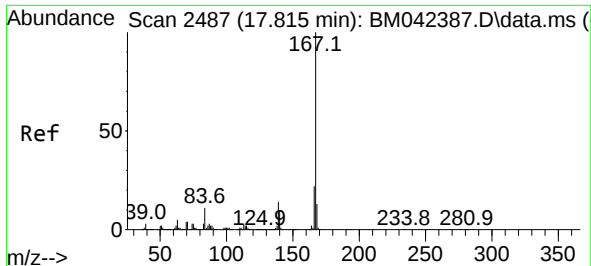
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#72
Anthracene
Concen: 47.913 ng
RT: 17.515 min Scan# 2436
Delta R.T. -0.000 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

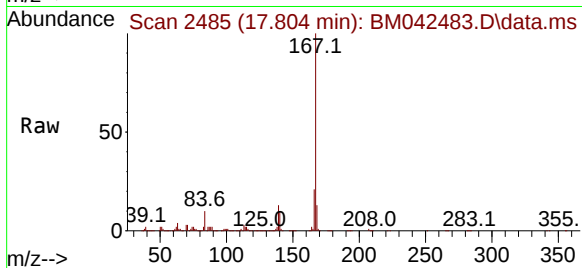
Tgt Ion:178 Resp: 1537504
Ion Ratio Lower Upper
178 100
176 18.6 15.4 23.0
179 15.2 12.1 18.1





#73
 Carbazole
 Concen: 41.661 ng
 RT: 17.804 min Scan# 2485
 Delta R.T. -0.006 min
 Lab File: BM042483.D
 Acq: 27 Oct 2023 21:37

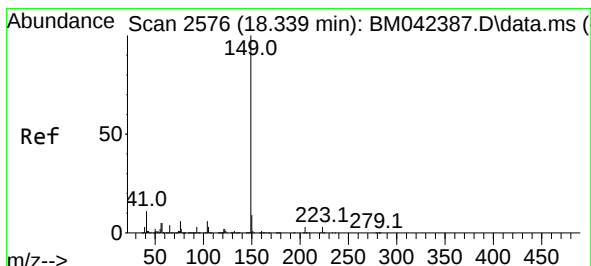
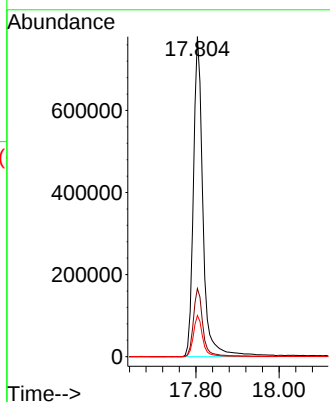
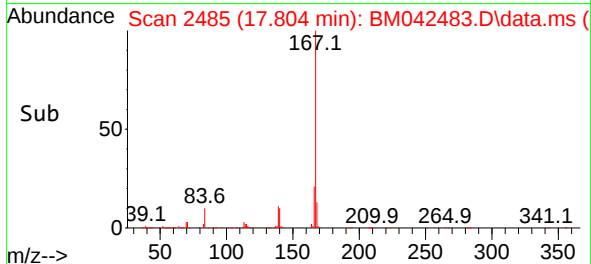
Instrument :
 BNA_M
 ClientSampleId :
 PB156526BSD



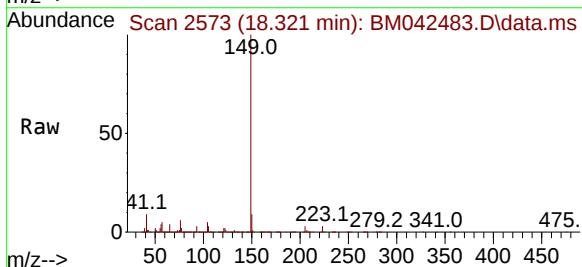
Tgt Ion:167 Resp: 125414
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 12.9 10.9 16.3

Manual Integrations
 APPROVED

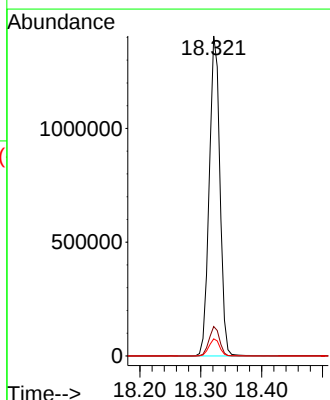
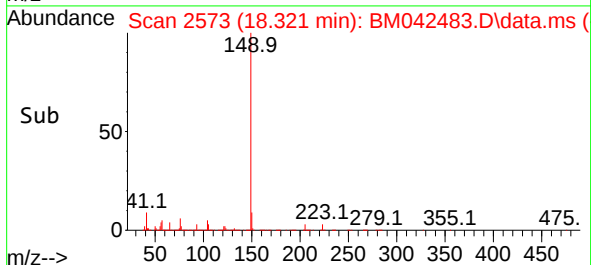
Reviewed By :Yogesh Patel 10/31/2023
 Supervised By :mohammad ahmed 10/31/2023

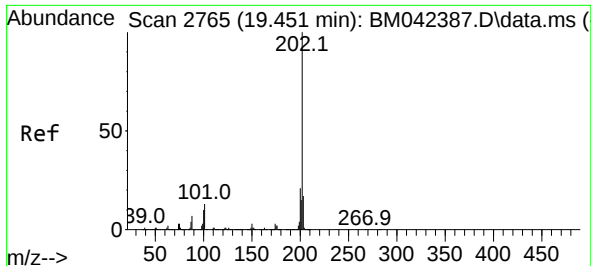


#74
 Di-n-butylphthalate
 Concen: 45.142 ng
 RT: 18.321 min Scan# 2573
 Delta R.T. -0.006 min
 Lab File: BM042483.D
 Acq: 27 Oct 2023 21:37



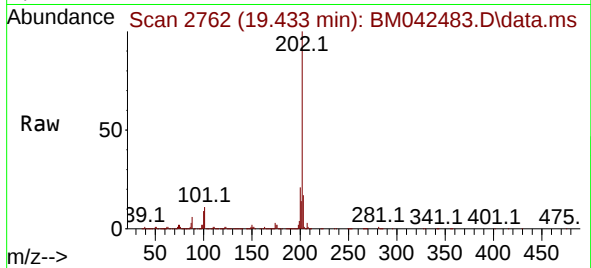
Tgt Ion:149 Resp: 1714002
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 5.3 4.6 7.0





#75
Fluoranthene
Concen: 44.188 ng
RT: 19.433 min Scan# 21
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

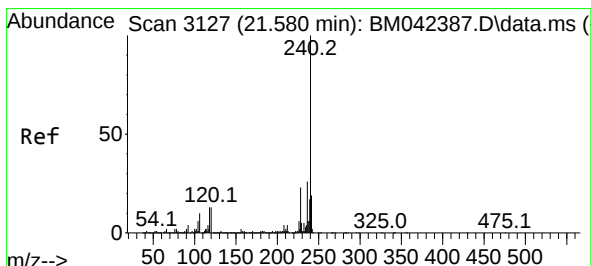
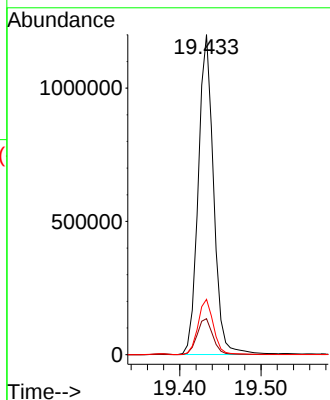
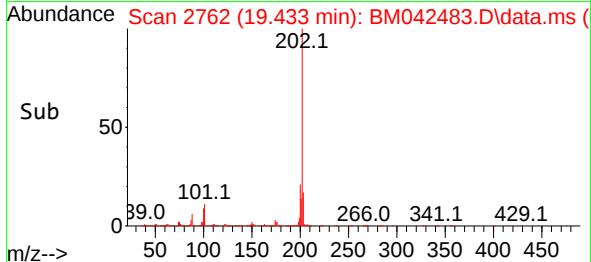
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion:202 Resp: 157684
Ion Ratio Lower Upper
202 100
101 11.2 0.0 33.3
203 17.3 0.0 37.5

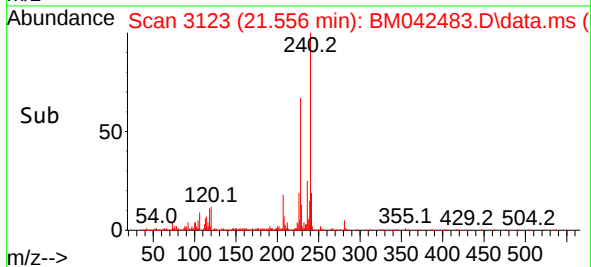
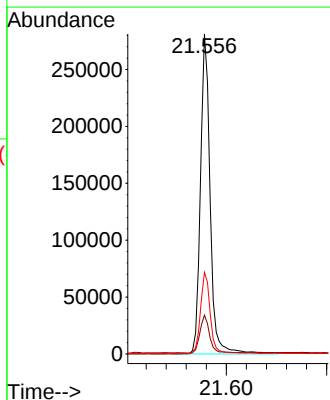
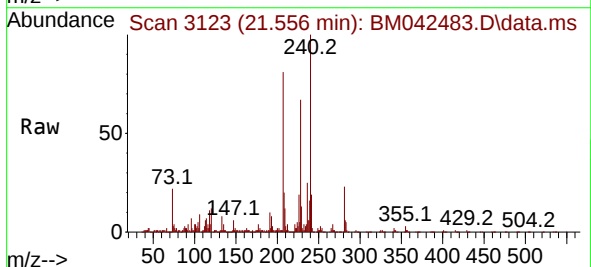
Manual Integrations
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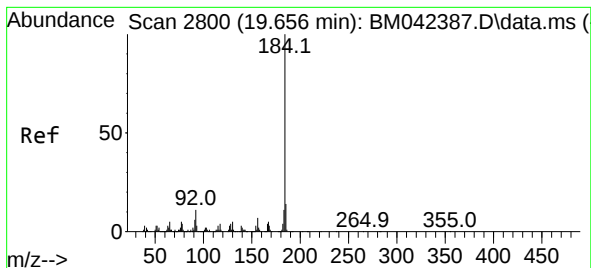
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.556 min Scan# 3123
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

Tgt Ion:240 Resp: 377767
Ion Ratio Lower Upper
240 100
120 12.2 10.7 16.1
236 25.5 20.7 31.1





#77

Benzidine

Concen: 46.711 ng

RT: 19.651 min Scan# 21

Delta R.T. -0.012 min

Lab File: BM042483.D

Acq: 27 Oct 2023 21:37

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

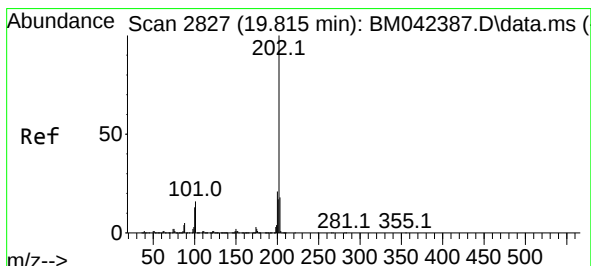
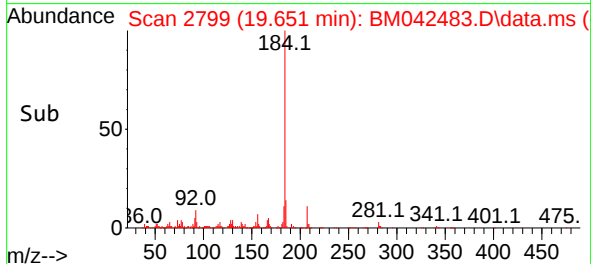
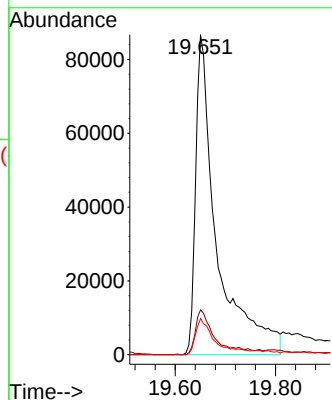
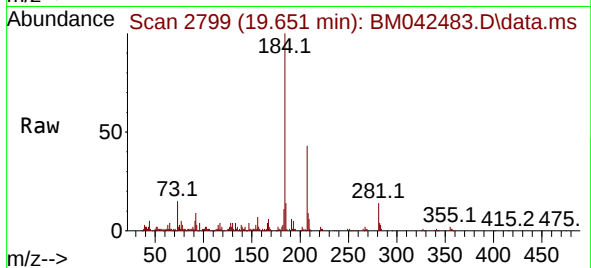
Tgt Ion:184 Resp: 25523
 Ion Ratio Lower Upper
 184 100
 185 14.0 11.5 17.3
 183 11.3 9.2 13.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#78

Pyrene

Concen: 61.549 ng

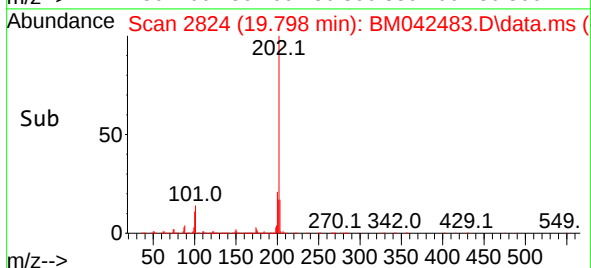
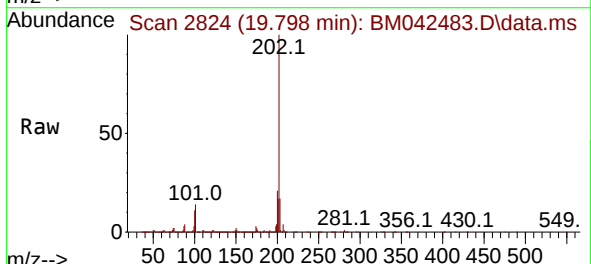
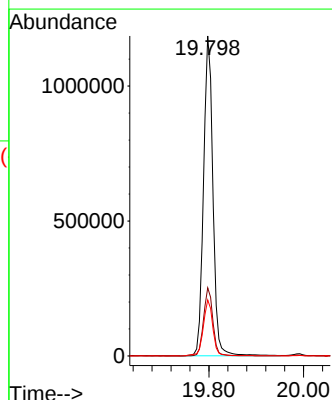
RT: 19.798 min Scan# 2824

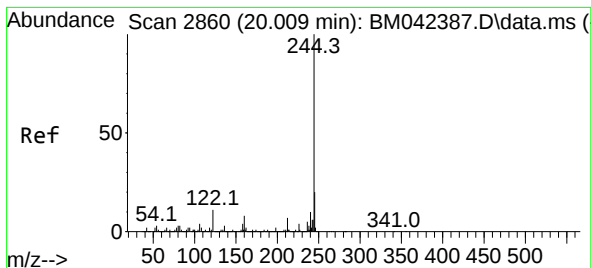
Delta R.T. -0.006 min

Lab File: BM042483.D

Acq: 27 Oct 2023 21:37

Tgt Ion:202 Resp: 1624780
 Ion Ratio Lower Upper
 202 100
 200 21.3 17.1 25.7
 203 17.5 14.1 21.1





#79

Terphenyl-d14

Concen: 120.189 ng

RT: 19.986 min Scan# 21

Delta R.T. -0.006 min

Lab File: BM042483.D

Acq: 27 Oct 2023 21:37

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

Tgt Ion:244 Resp: 2560120

Ion Ratio Lower Upper

244 100

212 6.9 5.6 8.4

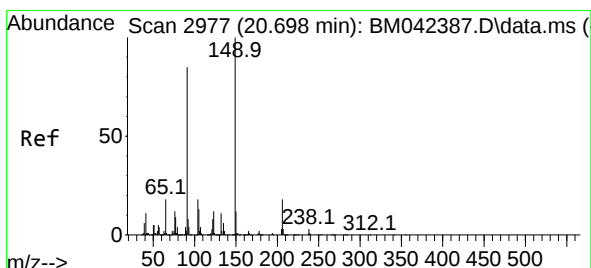
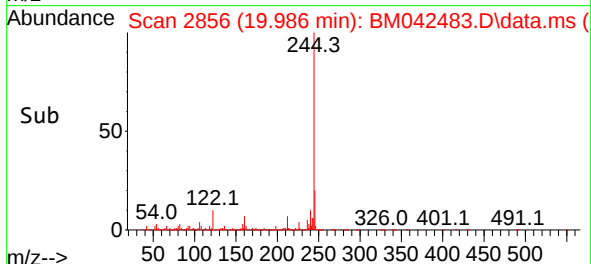
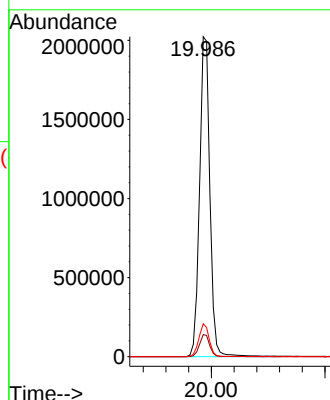
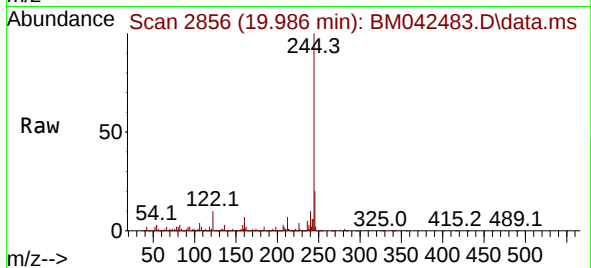
122 10.3 8.8 13.2

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#80

Butylbenzylphthalate

Concen: 55.418 ng

RT: 20.680 min Scan# 2974

Delta R.T. -0.006 min

Lab File: BM042483.D

Acq: 27 Oct 2023 21:37

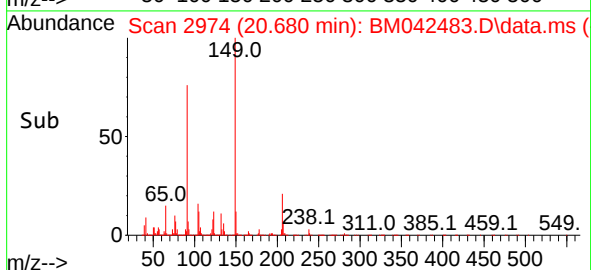
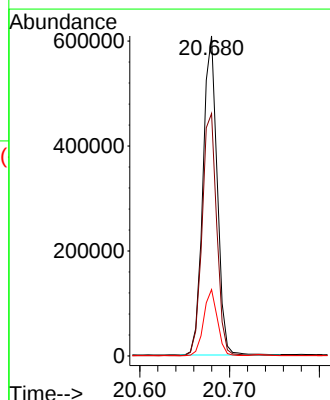
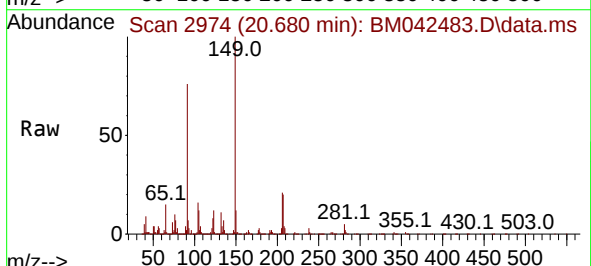
Tgt Ion:149 Resp: 669603

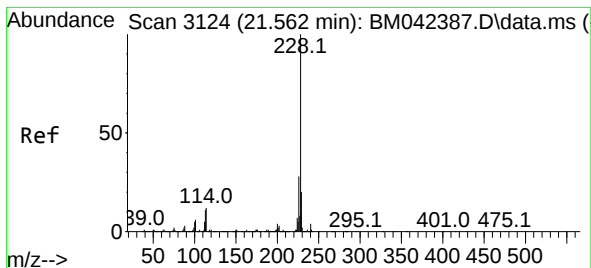
Ion Ratio Lower Upper

149 100

91 75.7 68.3 102.5

206 20.7 14.6 22.0





#81

Benzo(a)anthracene

Concen: 46.647 ng

RT: 21.539 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BM042483.D

Acq: 27 Oct 2023 21:37

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

Tgt Ion:228 Resp: 118131

Ion Ratio Lower Upper

228 100

226 27.6 22.2 33.4

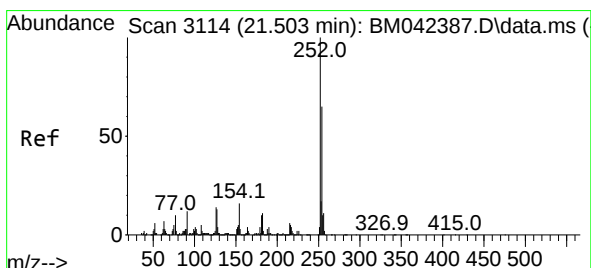
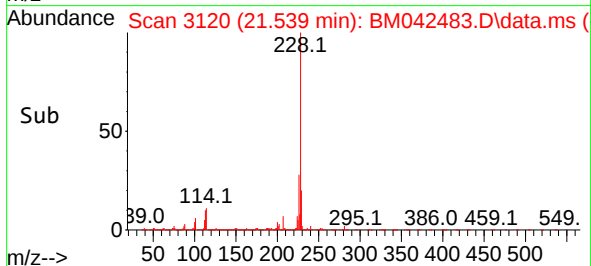
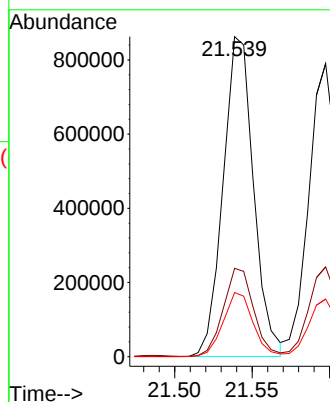
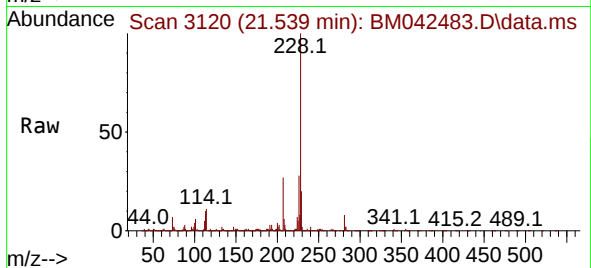
229 20.1 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#82

3,3'-Dichlorobenzidine

Concen: 42.835 ng

RT: 21.486 min Scan# 3111

Delta R.T. -0.006 min

Lab File: BM042483.D

Acq: 27 Oct 2023 21:37

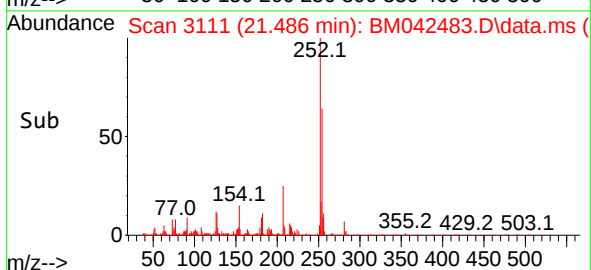
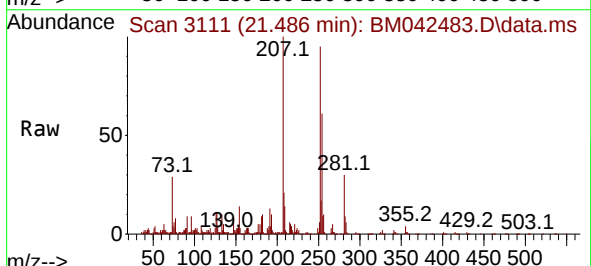
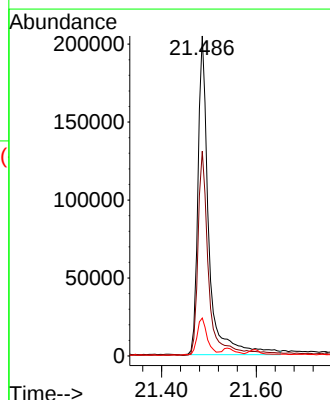
Tgt Ion:252 Resp: 323831

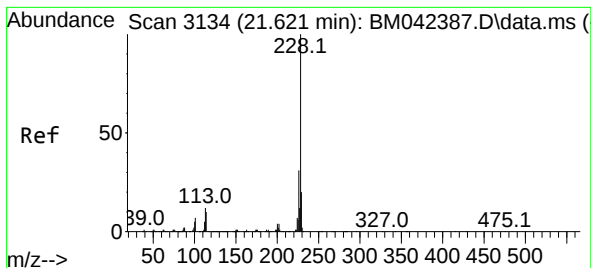
Ion Ratio Lower Upper

252 100

254 64.0 52.2 78.2

126 11.9 11.4 17.2





#83

Chrysene

Concen: 47.086 ng

RT: 21.597 min Scan# 31

Delta R.T. -0.006 min

Lab File: BM042483.D

Acq: 27 Oct 2023 21:37

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

Tgt Ion:228 Resp: 1145290

Ion Ratio Lower Upper

228 100

226 30.6 24.6 36.8

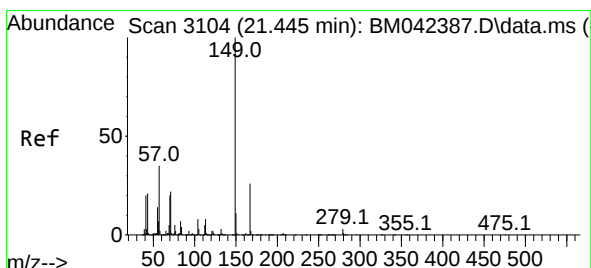
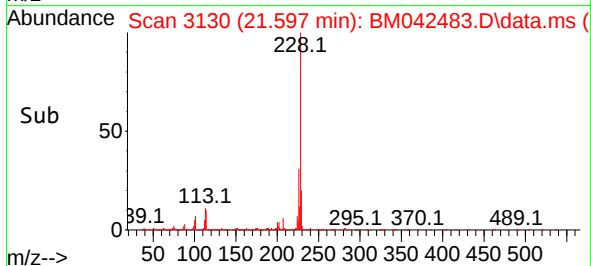
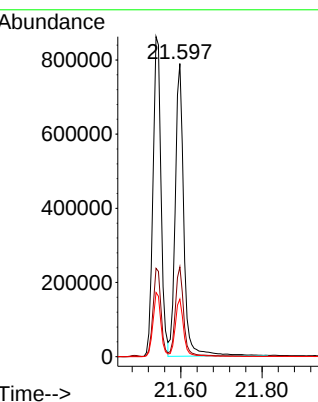
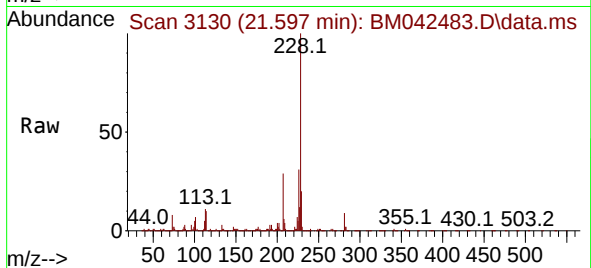
229 19.7 15.7 23.5

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.684 ng

RT: 21.421 min Scan# 3100

Delta R.T. -0.006 min

Lab File: BM042483.D

Acq: 27 Oct 2023 21:37

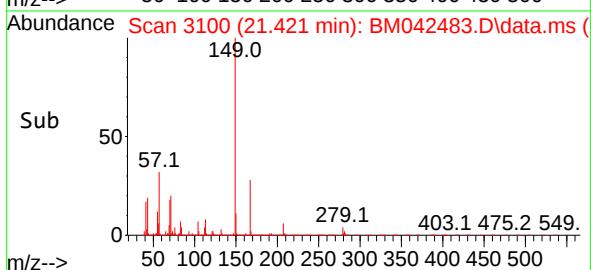
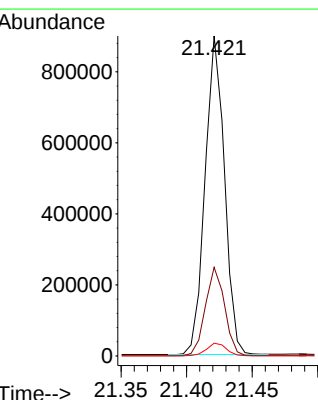
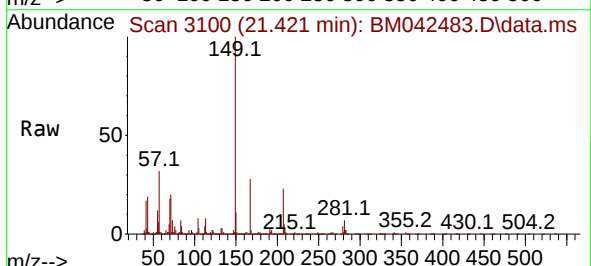
Tgt Ion:149 Resp: 920543

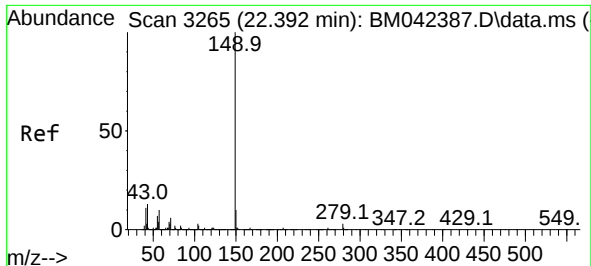
Ion Ratio Lower Upper

149 100

167 27.7 20.9 31.3

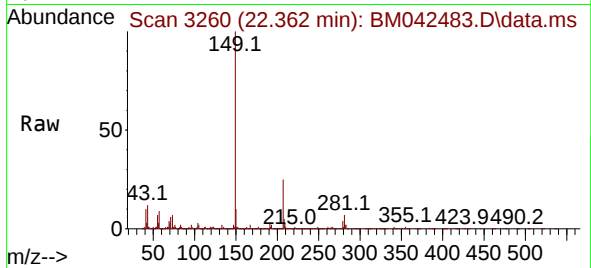
279 4.0 2.7 4.1





#85
Di-n-octyl phthalate
Concen: 47.908 ng
RT: 22.362 min Scan# 31
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

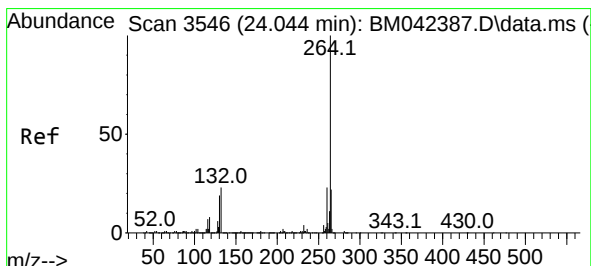
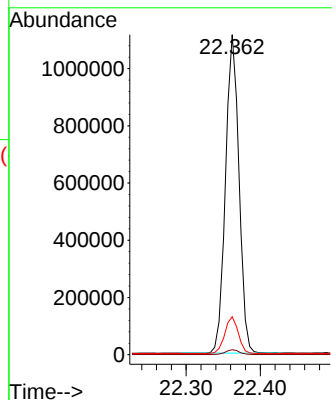
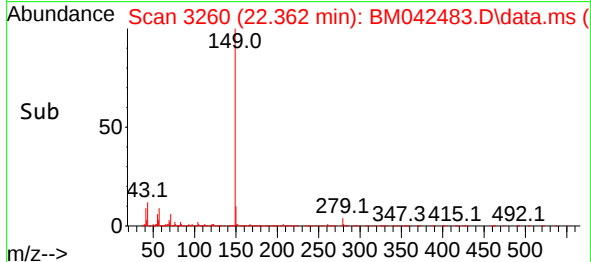
Instrument :
BNA_M
ClientSampleId :
PB156526BSD



Tgt Ion:149 Resp: 140438
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 11.6 11.0 16.6

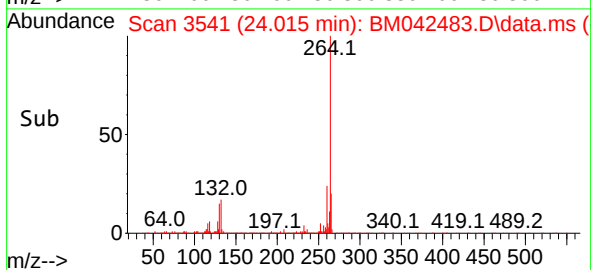
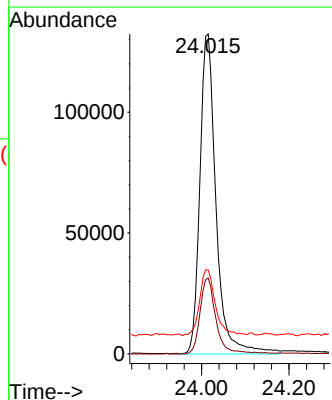
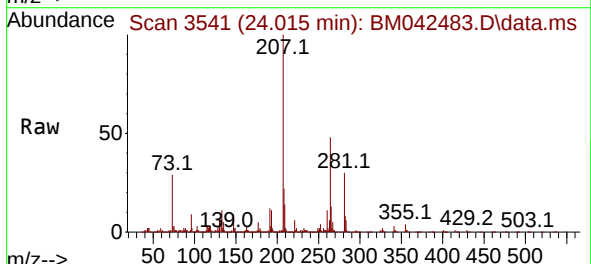
Manual Integrations
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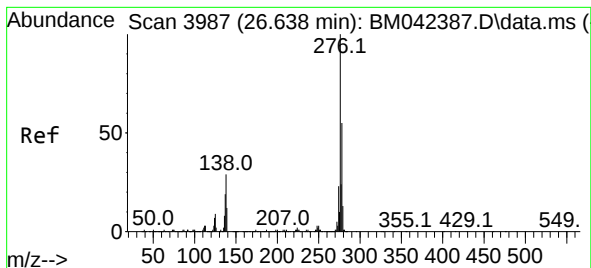
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.015 min Scan# 3541
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

Tgt Ion:264 Resp: 340851
Ion Ratio Lower Upper
264 100
260 23.8 18.6 27.8
265 26.3 17.8 26.8





#87

Indeno(1,2,3-cd)pyrene

Concen: 42.650 ng

RT: 26.591 min Scan# 3987

Delta R.T. -0.006 min

Lab File: BM042483.D

Acq: 27 Oct 2023 21:37

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

Tgt Ion:276 Resp: 106239

Ion Ratio Lower Upper

276 100

138 25.6 25.6 38.4

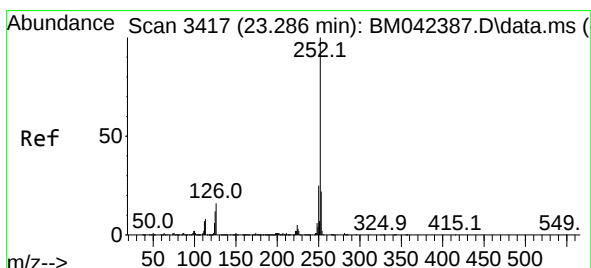
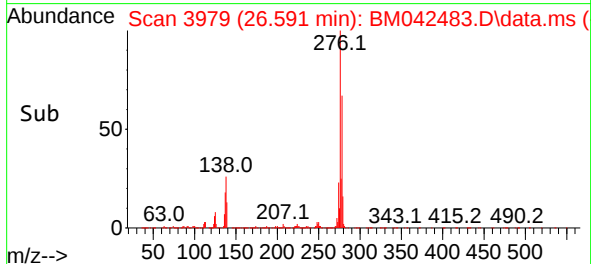
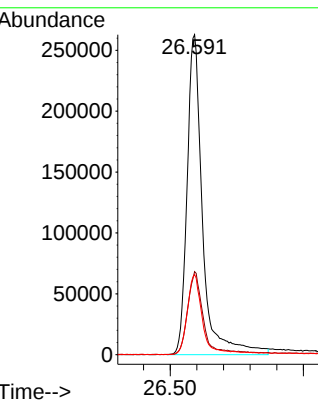
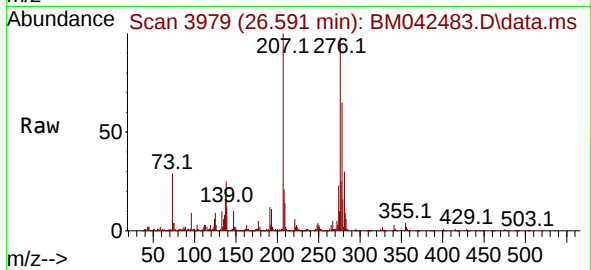
277 23.6 20.0 30.0

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#88

Benzo(b)fluoranthene

Concen: 49.072 ng

RT: 23.250 min Scan# 3411

Delta R.T. -0.012 min

Lab File: BM042483.D

Acq: 27 Oct 2023 21:37

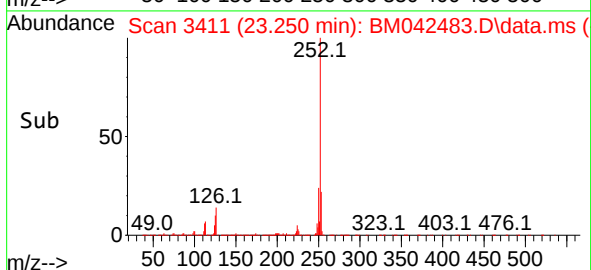
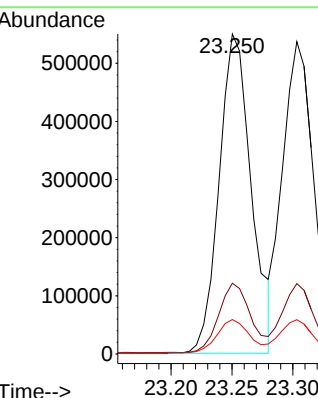
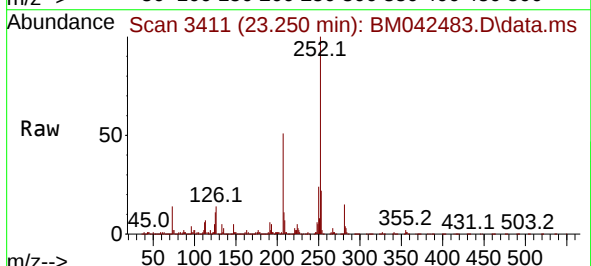
Tgt Ion:252 Resp: 1006802

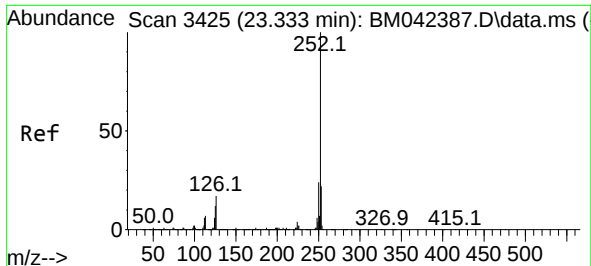
Ion Ratio Lower Upper

252 100

253 22.1 18.0 27.0

125 10.7 9.8 14.8





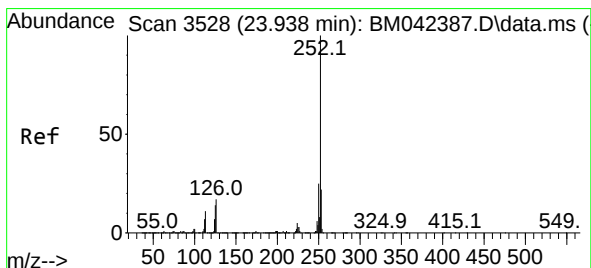
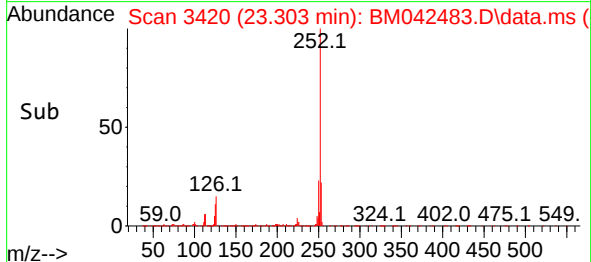
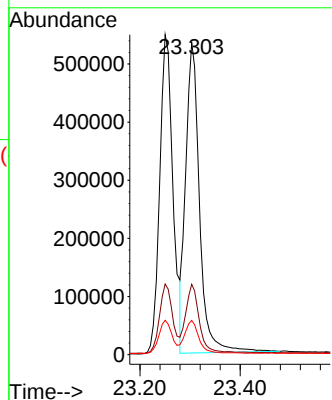
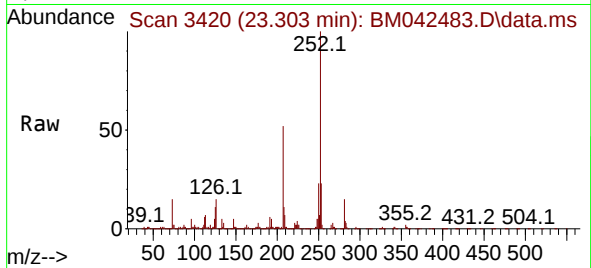
#89
Benzo(k)fluoranthene
Concen: 48.060 ng
RT: 23.303 min Scan# 3425
Delta R.T. -0.012 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

Instrument :
BNA_M
ClientSampleId :
PB156526BSD

Tgt Ion:252 Resp: 1023728
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 11.0 10.2 15.2

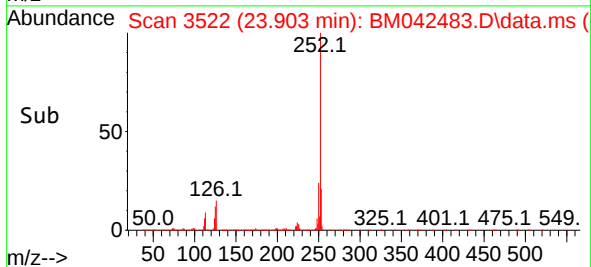
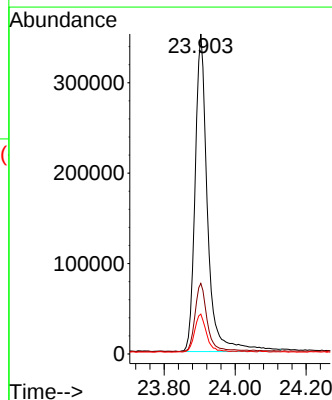
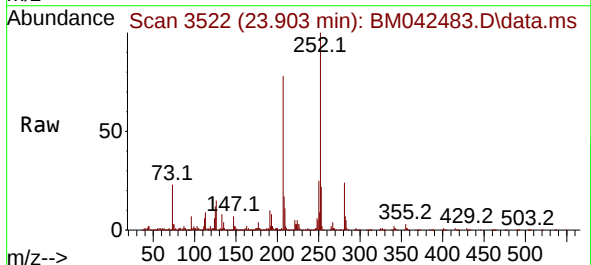
Manual Integrations
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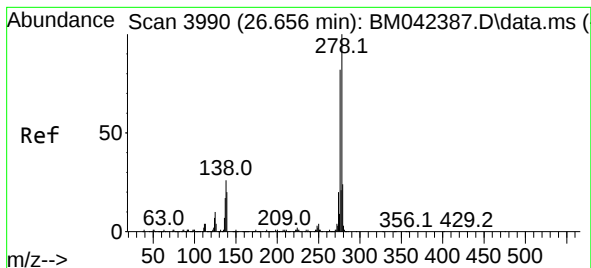
Reviewed By :Yogesh Patel 10/31/2023
Supervised By :mohammad ahmed 10/31/2023



#90
Benzo(a)pyrene
Concen: 43.499 ng
RT: 23.903 min Scan# 3522
Delta R.T. -0.006 min
Lab File: BM042483.D
Acq: 27 Oct 2023 21:37

Tgt Ion:252 Resp: 858986
Ion Ratio Lower Upper
252 100
253 22.1 17.9 26.9
125 12.4 10.9 16.3





#91

Dibenzo(a,h)anthracene

Concen: 41.071 ng

RT: 26.609 min Scan# 3990

Delta R.T. -0.012 min

Lab File: BM042483.D

Acq: 27 Oct 2023 21:37

Instrument :

BNA_M

ClientSampleId :

PB156526BSD

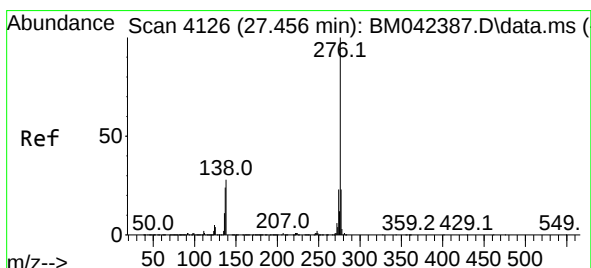
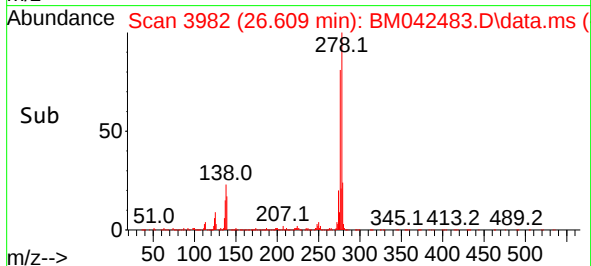
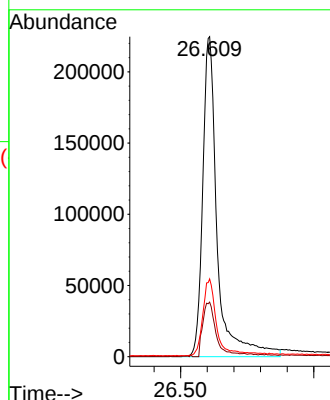
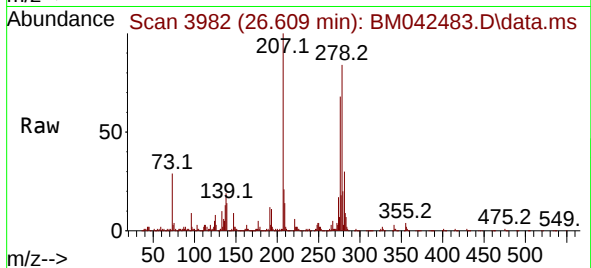
Tgt Ion:	278	Resp:	85058
Ion Ratio	Lower	Upper	
278	100		
139	17.1	15.6	23.4
279	24.3	19.0	28.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 10/31/2023

Supervised By :mohammad ahmed 10/31/2023



#92

Benzo(g,h,i)perylene

Concen: 45.663 ng

RT: 27.397 min Scan# 4116

Delta R.T. -0.012 min

Lab File: BM042483.D

Acq: 27 Oct 2023 21:37

Tgt Ion:	276	Resp:	918410
Ion Ratio	Lower	Upper	
276	100		
277	23.7	18.3	27.5
138	23.8	22.6	34.0

