

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021568.D
 Acq On : 20 Aug 2024 11:31
 Operator : RC/JU
 Sample : PB162822BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB162822BS

Manual Integrations
 APPROVED

Reviewed By :Yogesh Patel 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024

Quant Time: Aug 20 12:11:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 14 00:00:30 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.810	152	494651	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	2073175	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	1389376	20.000	ng	0.00
64) Phenanthrene-d10	17.257	188	3038381	20.000	ng	0.00
76) Chrysene-d12	21.727	240	2684396	20.000	ng	0.03
86) Perylene-d12	25.168	264	2880701	20.000	ng	0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.411	112	4632548	139.062	ng	0.02
7) Phenol-d6	6.981	99	6354941	130.771	ng	0.02
23) Nitrobenzene-d5	8.957	82	3764035	93.712	ng	0.00
42) 2,4,6-Tribromophenol	15.963	330	2430215	157.161	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	7244303	79.575	ng	0.00
79) Terphenyl-d14	19.980	244	11775634	85.222	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.322	88	450308	28.508	ng	99
3) Pyridine	3.717	79	1265449m	28.698	ng	
4) n-Nitrosodimethylamine	3.622	42	562224	42.420	ng	90
6) Aniline	7.134	93	1353041	27.851	ng	97
8) 2-Chlorophenol	7.381	128	1635284	53.119	ng	94
9) Benzaldehyde	6.946	77	523494m	16.825	ng	
10) Phenol	7.005	94	2456949	48.824	ng	97
11) bis(2-Chloroethyl)ether	7.228	93	1787223	41.972	ng	96
12) 1,3-Dichlorobenzene	7.705	146	1603283	43.844	ng	96
13) 1,4-Dichlorobenzene	7.846	146	1626757	44.056	ng	98
14) 1,2-Dichlorobenzene	8.157	146	1576656	44.308	ng	99
15) Benzyl Alcohol	8.046	79	1665499	47.766	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.328	45	1679419	42.828	ng	97
17) 2-Methylphenol	8.246	107	1581707	49.719	ng	97
18) Hexachloroethane	8.893	117	671831	45.372	ng	97
19) n-Nitroso-di-n-propyla...	8.610	70	1291565	38.475	ng	95
20) 3+4-Methylphenols	8.575	107	2208573	51.486	ng	98
22) Acetophenone	8.622	105	2535541	39.810	ng	98
24) Nitrobenzene	8.999	77	1948611	44.668	ng	91
25) Isophorone	9.528	82	3876788	40.856	ng	97
26) 2-Nitrophenol	9.704	139	810333	63.198	ng	94
27) 2,4-Dimethylphenol	9.769	122	1260392	53.822	ng	97
28) bis(2-Chloroethoxy)met...	10.004	93	2441309	42.148	ng	99
29) 2,4-Dichlorophenol	10.240	162	1550319	56.031	ng	97
30) 1,2,4-Trichlorobenzene	10.457	180	1545646	43.572	ng	98
31) Naphthalene	10.646	128	4750296	43.861	ng	100
32) Benzoic acid	9.928	122	1255905	69.217	ng	91
33) 4-Chloroaniline	10.746	127	1147903	28.216	ng	97
34) Hexachlorobutadiene	10.940	225	927946	41.546	ng	99
35) Caprolactam	11.534	113	591792m	51.386	ng	
36) 4-Chloro-3-methylphenol	11.875	107	2044802	53.276	ng	96
37) 2-Methylnaphthalene	12.257	142	3311877	44.806	ng	100
38) 1-Methylnaphthalene	12.481	142	3109322	42.651	ng	100
40) 1,2,4,5-Tetrachloroben...	12.634	216	1660023	40.778	ng	99
41) Hexachlorocyclopentadiene	12.610	237	1502725	116.470	ng	100
43) 2,4,6-Trichlorophenol	12.869	196	1291184	57.099	ng	99

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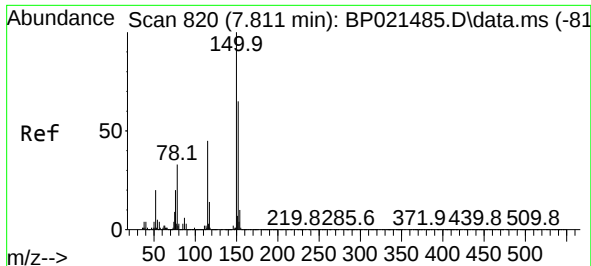
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	1389021	55.286	ng	98
46) 1,1'-Biphenyl	13.275	154	3996688	40.658	ng	98
47) 2-Chloronaphthalene	13.316	162	3361372	43.922	ng	99
48) 2-Nitroaniline	13.510	65	1188075	54.598	ng	# 85
49) Acenaphthylene	14.169	152	5500221	48.890	ng	100
50) Dimethylphthalate	13.904	163	4461019	47.945	ng	99
51) 2,6-Dinitrotoluene	14.010	165	982980	52.003	ng	93
52) Acenaphthene	14.516	154	3809412m	51.606	ng	
53) 3-Nitroaniline	14.345	138	796079	43.541	ng	# 90
54) 2,4-Dinitrophenol	14.557	184	1036408	123.071	ng	# 87
55) Dibenzofuran	14.857	168	5192990	45.731	ng	99
56) 4-Nitrophenol	14.669	139	1830474	116.168	ng	# 85
57) 2,4-Dinitrotoluene	14.816	165	1414718	58.078	ng	# 84
58) Fluorene	15.516	166	4077699	43.711	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.087	232	1266843	59.406	ng	99
60) Diethylphthalate	15.287	149	4548361	47.643	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	2084668	43.232	ng	98
62) 4-Nitroaniline	15.528	138	1019125	53.376	ng	92
63) Azobenzene	15.810	77	4900001	41.754	ng	95
65) 4,6-Dinitro-2-methylph...	15.592	198	760962	70.607	ng	95
66) n-Nitrosodiphenylamine	15.728	169	3761401	46.195	ng	99
67) 4-Bromophenyl-phenylether	16.428	248	1446723	44.989	ng	99
68) Hexachlorobenzene	16.545	284	1689715	44.464	ng	100
69) Atrazine	16.710	200	1219298	43.616	ng	100
70) Pentachlorophenol	16.898	266	2234935	107.752	ng	99
71) Phenanthrene	17.304	178	6812697	46.623	ng	100
72) Anthracene	17.392	178	6814116	47.550	ng	100
73) Carbazole	17.669	167	6597878	47.774	ng	99
74) Di-n-butylphthalate	18.275	149	8213695	48.427	ng	99
75) Fluoranthene	19.386	202	8258942	46.065	ng	99
77) Benzidine	19.575	184	1737317	27.868	ng	99
78) Pyrene	19.763	202	8508675	48.494	ng	100
80) Butylbenzylphthalate	20.716	149	3674312	54.638	ng	95
81) Benzo(a)anthracene	21.704	228	8065910	47.864	ng	99
82) 3,3'-Dichlorobenzidine	21.621	252	2385563	44.152	ng	99
83) Chrysene	21.774	228	7638418	48.009	ng	99
84) Bis(2-ethylhexyl)phtha...	21.657	149	5396475	54.182	ng	100
85) Di-n-octyl phthalate	22.980	149	9325220	52.766	ng	97
87) Indeno(1,2,3-cd)pyrene	29.092	276	10117374m	54.182	ng	
88) Benzo(b)fluoranthene	24.086	252	8554644	51.707	ng	100
89) Benzo(k)fluoranthene	24.157	252	8136624	50.415	ng	99
90) Benzo(a)pyrene	25.010	252	7802789	54.347	ng	99
91) Dibenzo(a,h)anthracene	29.198	278	8263413	53.260	ng	99
92) Benzo(g,h,i)perylene	30.303	276	7985298	51.350	ng	100

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



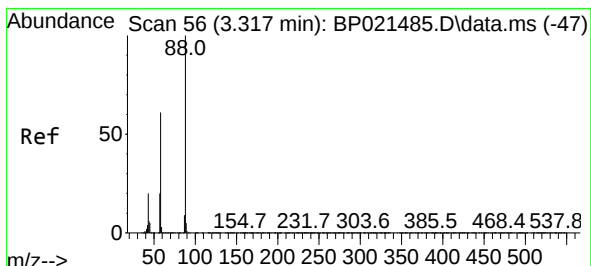
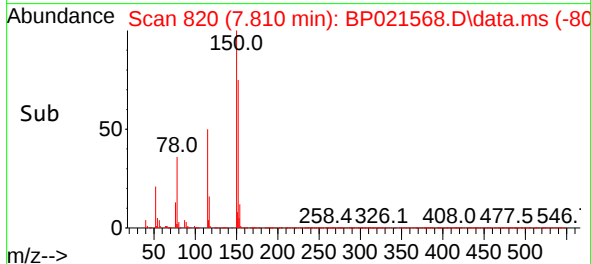
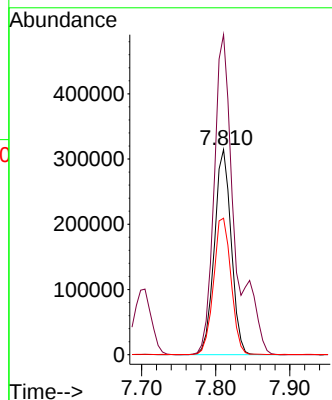
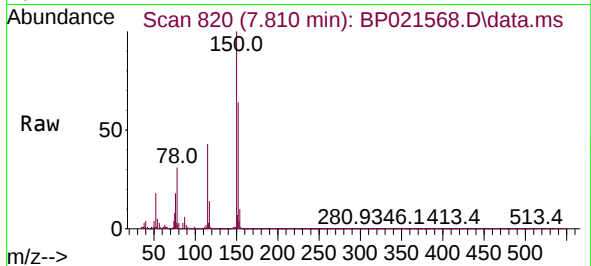
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1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.810 min Scan# 81
Delta R.T. -0.001 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :
BNA_P
ClientSampleId :
PB162822BS

Tgt Ion:152 Resp: 49465
Ion Ratio Lower Upper
152 100
150 155.9 122.4 183.6
115 66.5 54.7 82.1

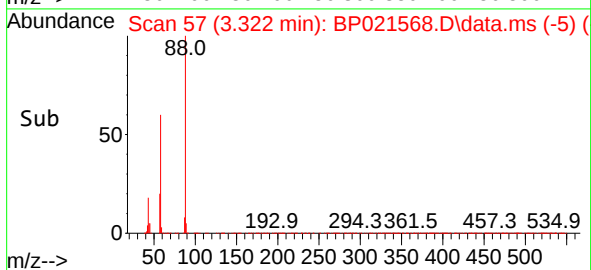
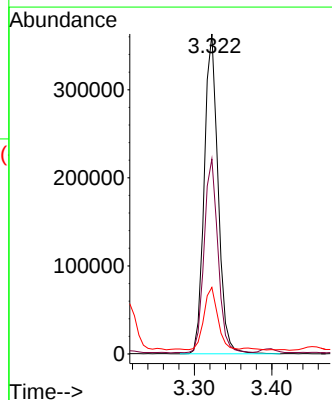
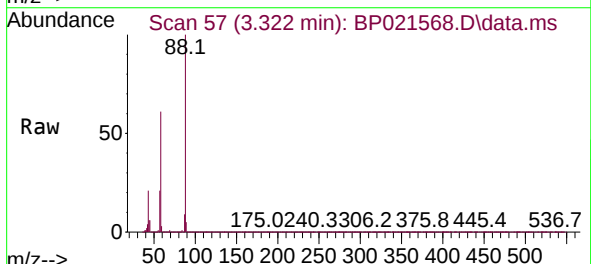
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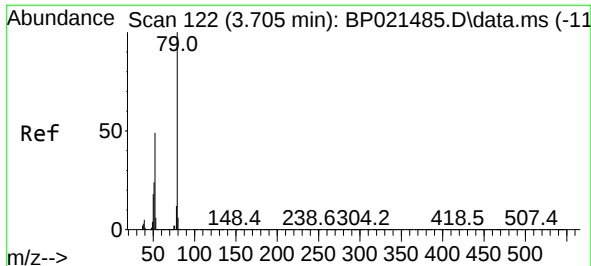
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#2
1,4-Dioxane
Concen: 28.508 ng
RT: 3.322 min Scan# 57
Delta R.T. 0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

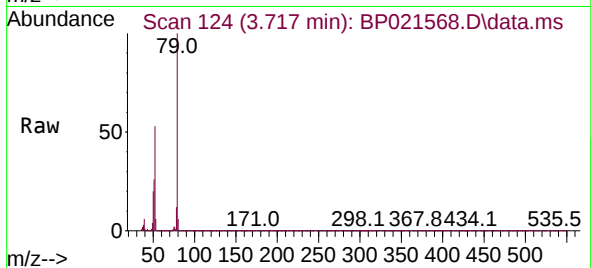
Tgt Ion: 88 Resp: 450308
Ion Ratio Lower Upper
88 100
58 60.3 48.7 73.1
43 19.4 15.4 23.2





#3
Pyridine
Concen: 28.698 ng m
RT: 3.717 min Scan# 11
Delta R.T. 0.012 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

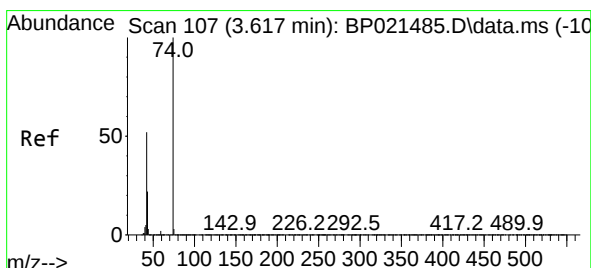
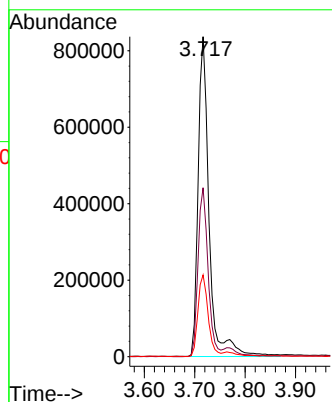
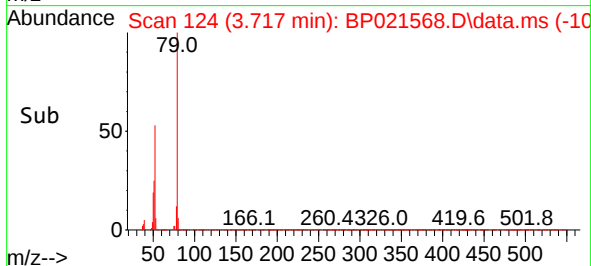
Instrument :
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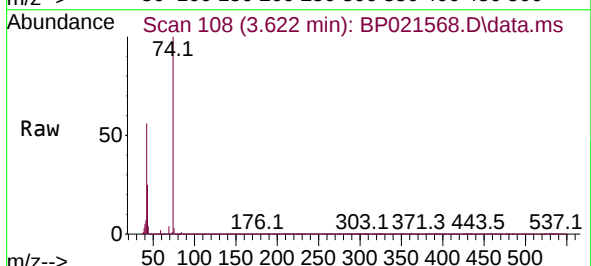
Tgt Ion: 79 Resp: 1265449
Ion Ratio Lower Upper
79 100
52 52.8 39.0 58.6
51 25.6 19.2 28.8

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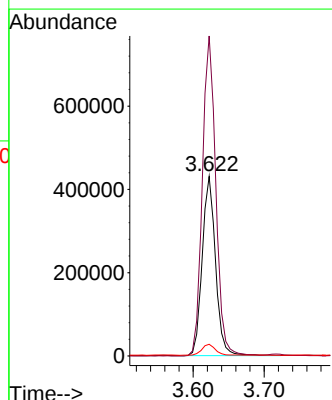
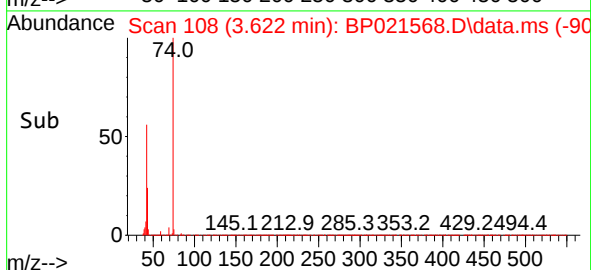
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#4
n-Nitrosodimethylamine
Concen: 42.420 ng
RT: 3.622 min Scan# 108
Delta R.T. 0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31



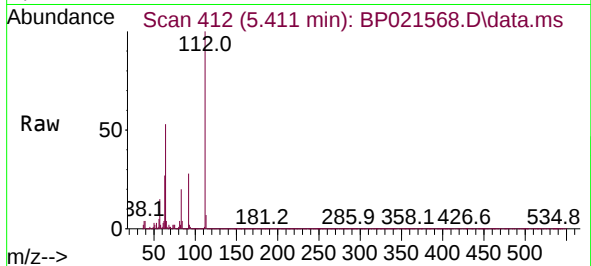
Tgt Ion: 42 Resp: 562224
Ion Ratio Lower Upper
42 100
74 178.2 154.3 231.5
44 6.6 6.2 9.4





#5
2-Fluorophenol
Concen: 139.062 ng
RT: 5.411 min Scan# 412
Delta R.T. 0.018 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

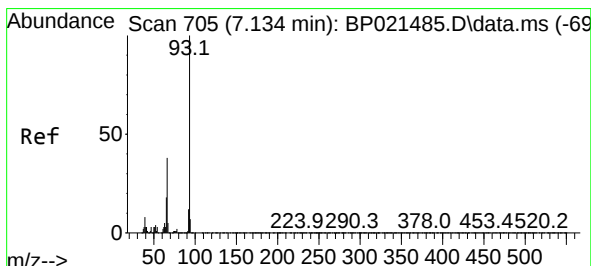
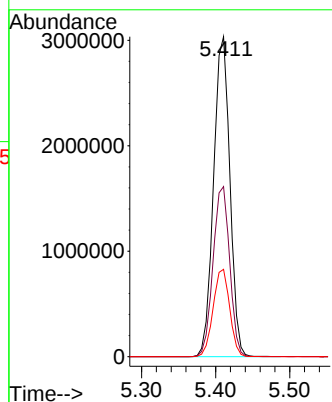
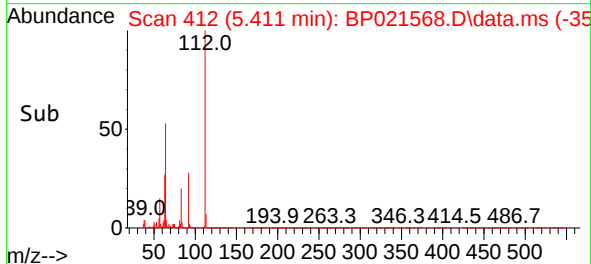
Instrument :
BNA_P
ClientSampleId :
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Tgt Ion:112 Resp: 4632548
Ion Ratio Lower Upper
112 100
64 53.1 49.0 73.6
63 27.3 24.6 36.8

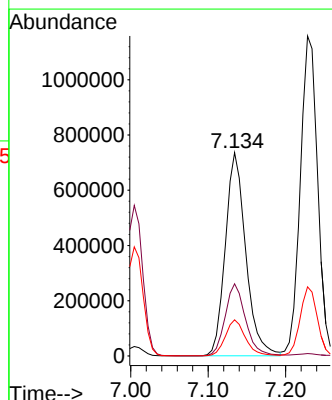
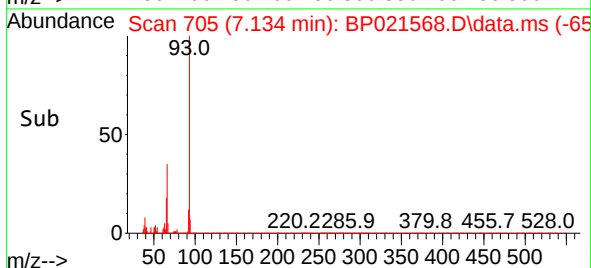
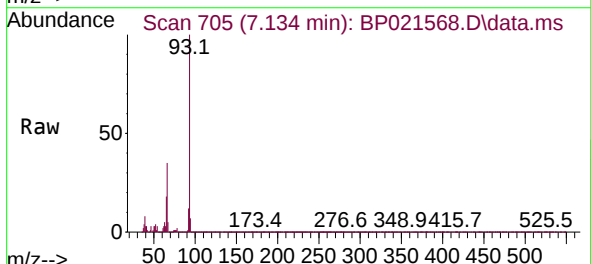
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#6
Aniline
Concen: 27.851 ng
RT: 7.134 min Scan# 705
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Tgt Ion: 93 Resp: 1353041
Ion Ratio Lower Upper
93 100
66 35.5 30.2 45.2
65 17.8 14.7 22.1





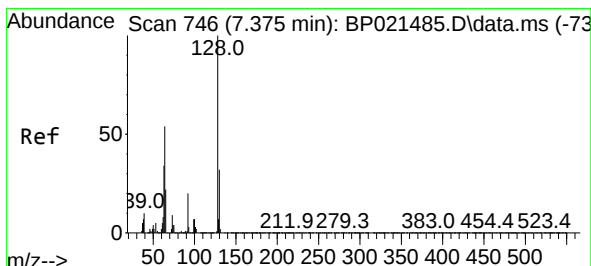
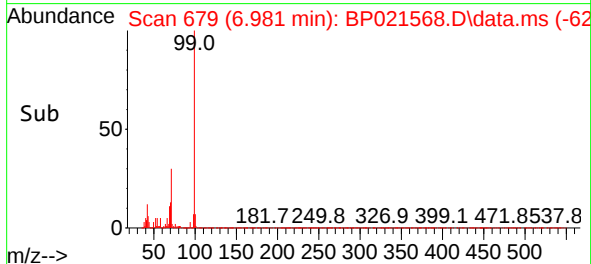
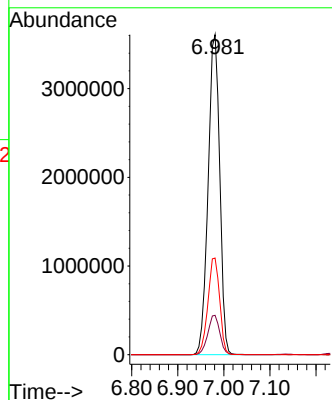
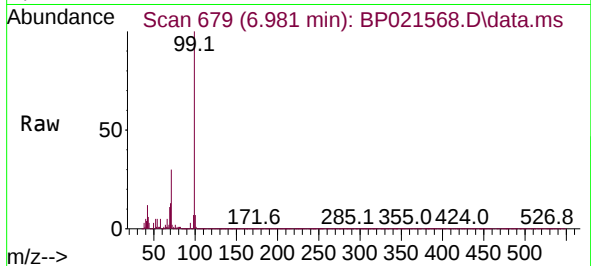
#7
Phenol-d6
Concen: 130.771 ng
RT: 6.981 min Scan# 61
Delta R.T. 0.018 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :
BNA_P
ClientSampleId :
PB162822BS

Tgt Ion: 99 Resp: 635494
Ion Ratio Lower Upper
99 100
42 12.3 10.2 15.4
71 30.2 25.8 38.8

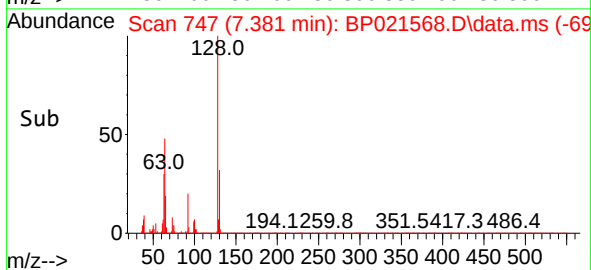
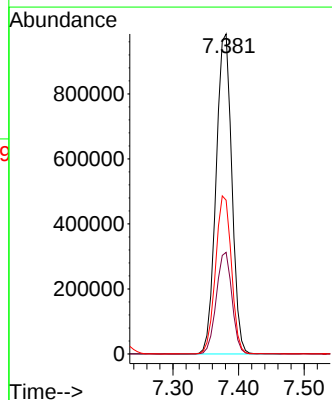
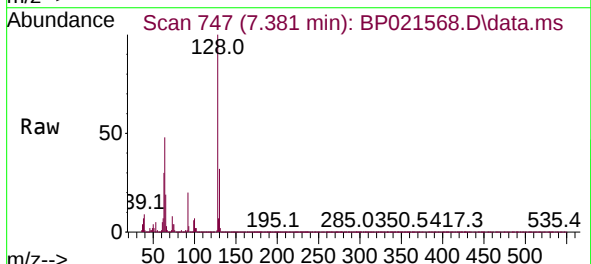
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#8
2-Chlorophenol
Concen: 53.119 ng
RT: 7.381 min Scan# 747
Delta R.T. 0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Tgt Ion:128 Resp: 1635284
Ion Ratio Lower Upper
128 100
130 31.7 11.6 51.6
64 48.0 35.3 75.3





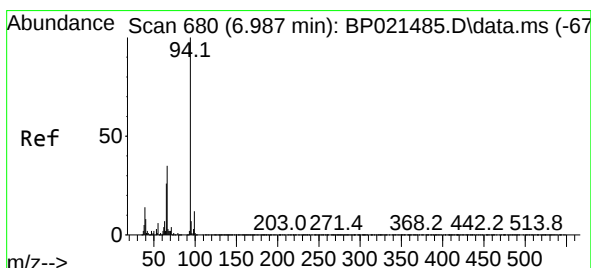
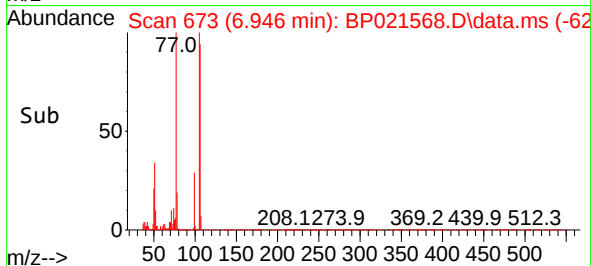
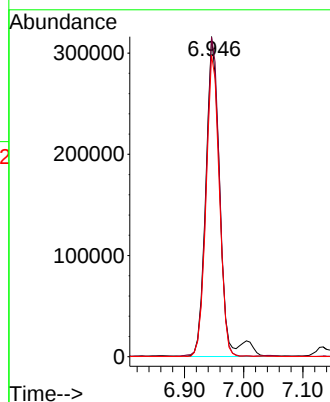
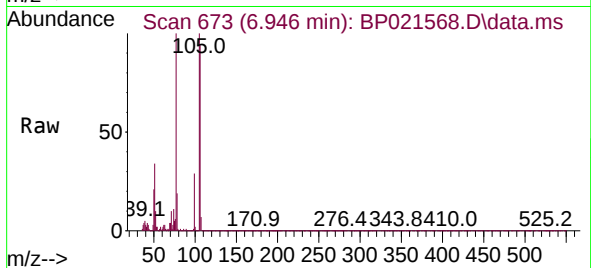
#9
Benzaldehyde
Concen: 16.825 ng m
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :
BNA_P
ClientSampleId :
PB162822BS

Tgt Ion: 77 Resp: 523494
Ion Ratio Lower Upper
77 100
105 99.7 72.1 112.1
106 94.2 67.9 107.9

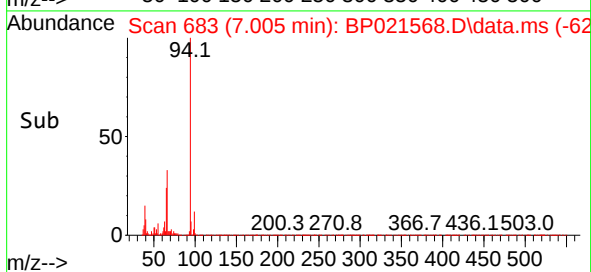
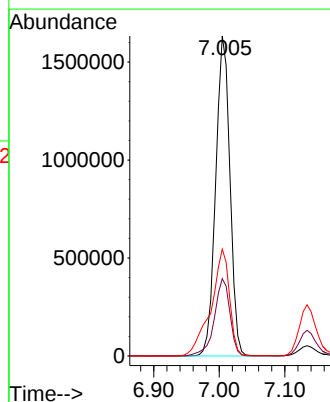
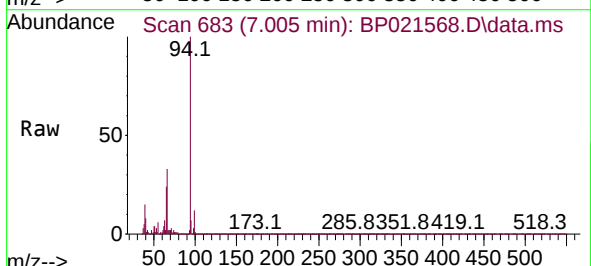
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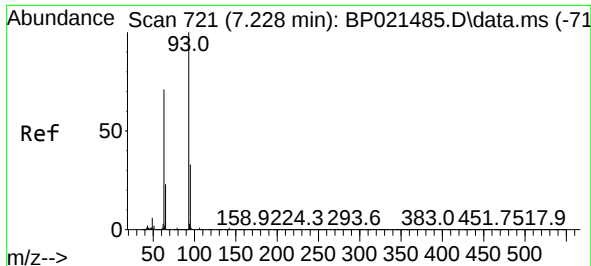
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#10
Phenol
Concen: 48.824 ng
RT: 7.005 min Scan# 683
Delta R.T. 0.018 min
Lab File: BP021568.D
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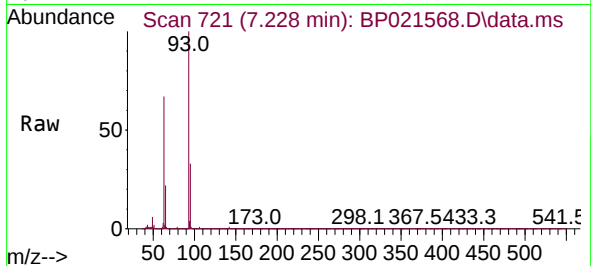
Tgt Ion: 94 Resp: 2456949
Ion Ratio Lower Upper
94 100
65 24.2 6.5 46.5
66 33.4 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 41.972 ng
RT: 7.228 min Scan# 71
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

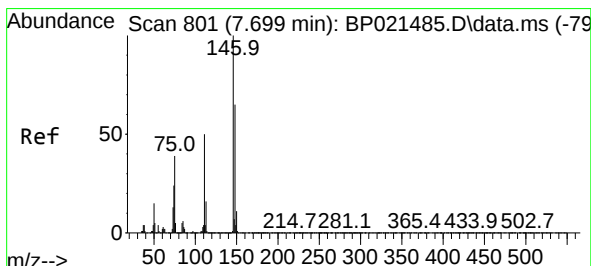
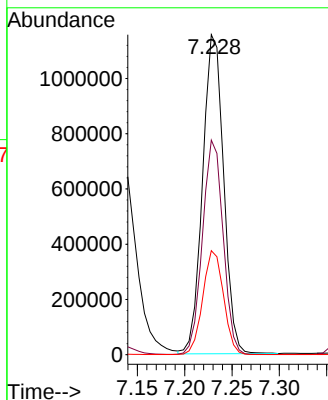
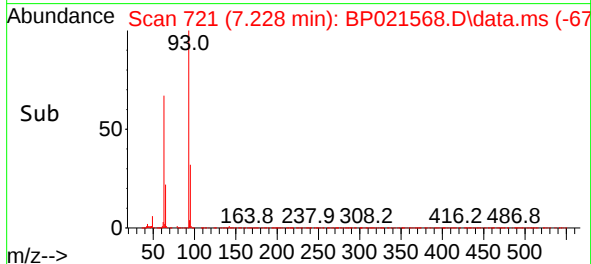
Instrument :
BNA_P
ClientSampleId :
PB162822BS



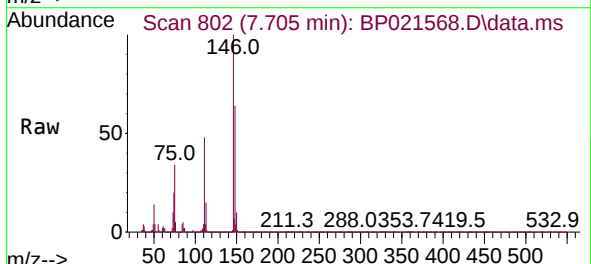
Tgt Ion: 93 Resp: 178722
Ion Ratio Lower Upper
93 100
63 67.0 51.0 91.0
95 32.5 12.9 52.9

Manual Integrations
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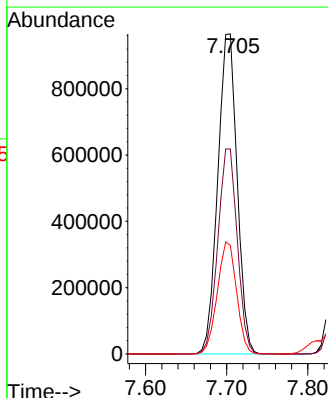
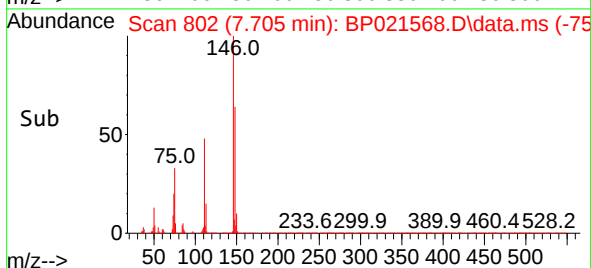
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#12
1,3-Dichlorobenzene
Concen: 43.844 ng
RT: 7.705 min Scan# 802
Delta R.T. 0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31



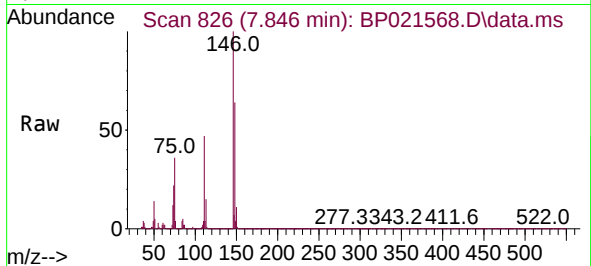
Tgt Ion:146 Resp: 1603283
Ion Ratio Lower Upper
146 100
148 64.0 51.8 77.6
75 33.9 31.3 46.9





#13
1,4-Dichlorobenzene
Concen: 44.056 ng
RT: 7.846 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

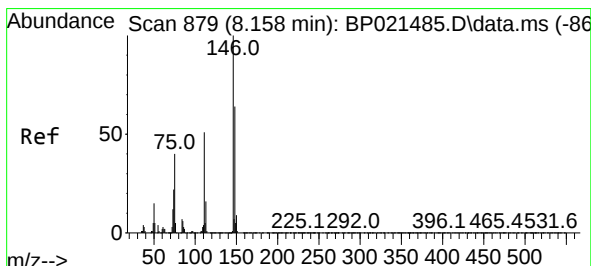
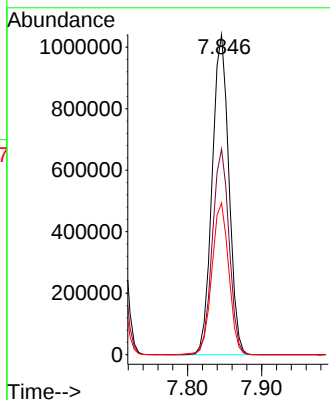
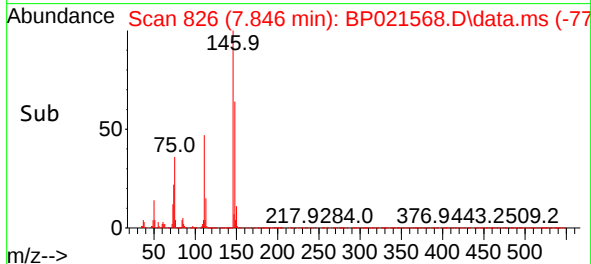
Instrument :
BNA_P
ClientSampleId :
PB162822BS



Tgt Ion:146 Resp: 162675
Ion Ratio Lower Upper
146 100
148 64.3 51.5 77.3
111 47.4 40.3 60.5

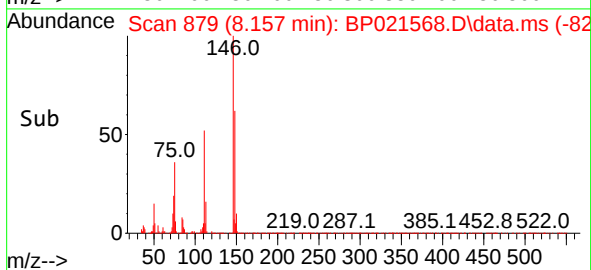
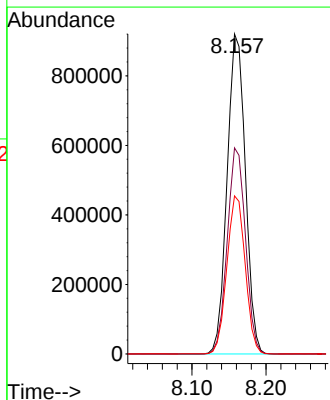
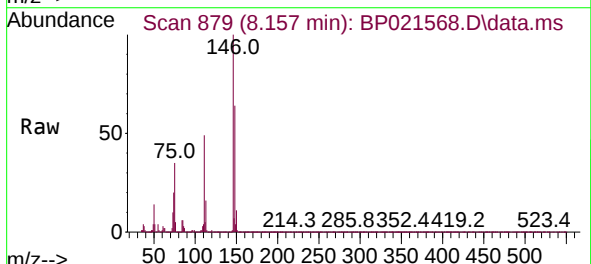
Manual Integrations
APPROVED

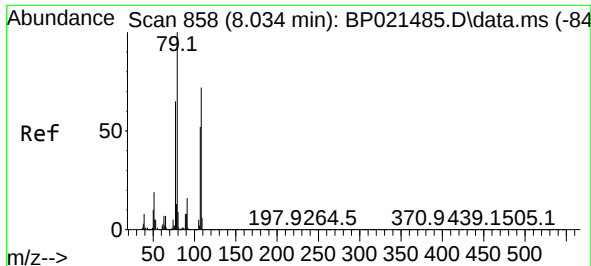
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#14
1,2-Dichlorobenzene
Concen: 44.308 ng
RT: 8.157 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Tgt Ion:146 Resp: 1576656
Ion Ratio Lower Upper
146 100
148 64.4 51.5 77.3
111 49.4 41.1 61.7





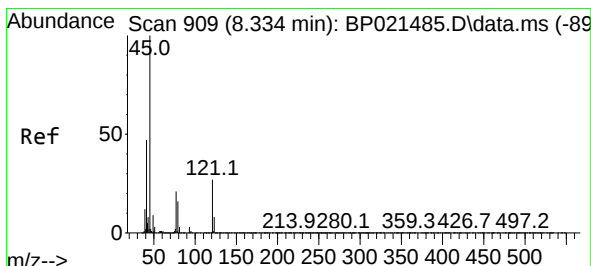
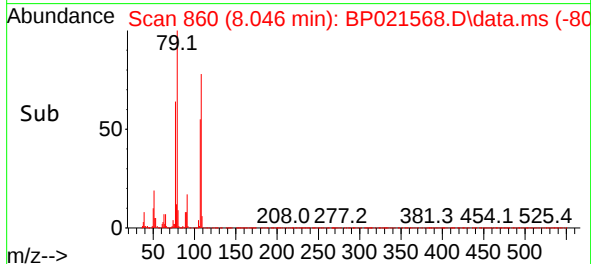
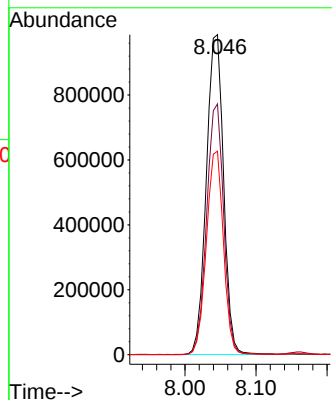
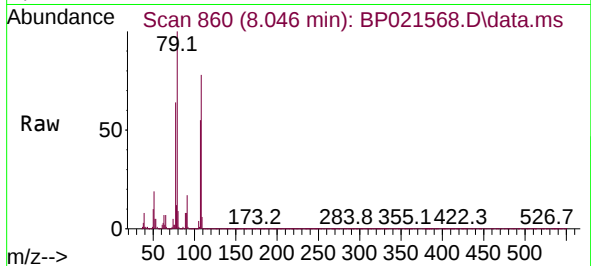
#15
Benzyl Alcohol
Concen: 47.766 ng
RT: 8.046 min Scan# 80
Delta R.T. 0.012 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :
BNA_P
ClientSampleId :
PB162822BS

Tgt Ion: 79 Resp: 1665499
Ion Ratio Lower Upper
79 100
108 78.3 57.9 86.9
77 63.6 51.8 77.8

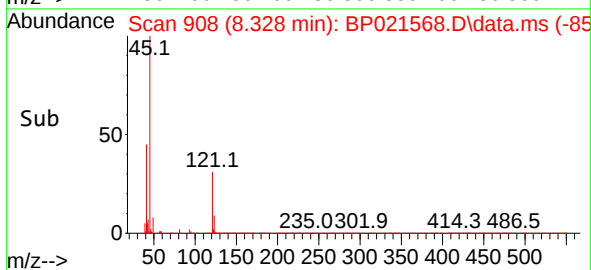
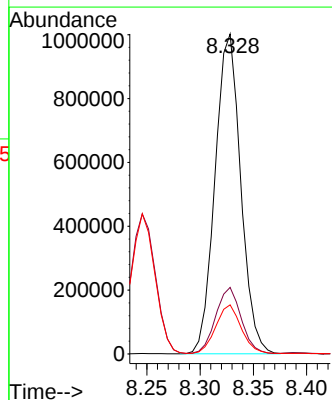
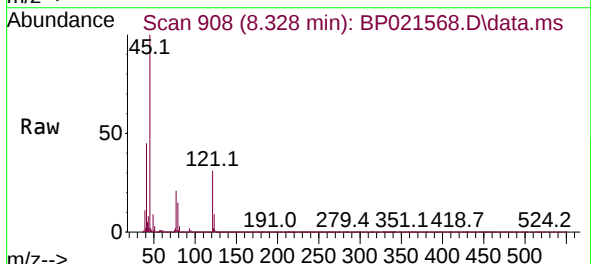
Manual Integrations
APPROVED

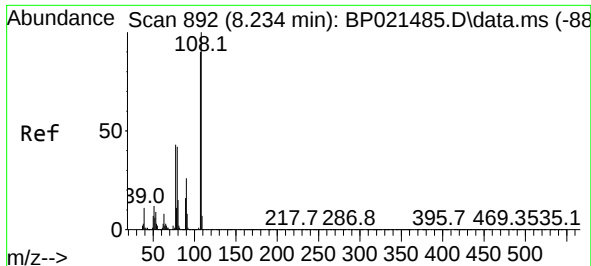
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 42.828 ng
RT: 8.328 min Scan# 908
Delta R.T. -0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Tgt Ion: 45 Resp: 1679419
Ion Ratio Lower Upper
45 100
77 20.8 1.9 41.9
79 15.3 0.0 36.6





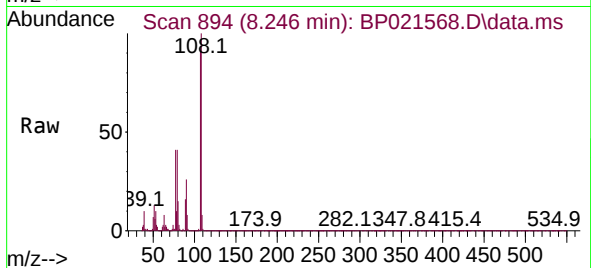
#17
2-Methylphenol
Concen: 49.719 ng
RT: 8.246 min Scan# 892
Delta R.T. 0.012 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PB162822BS

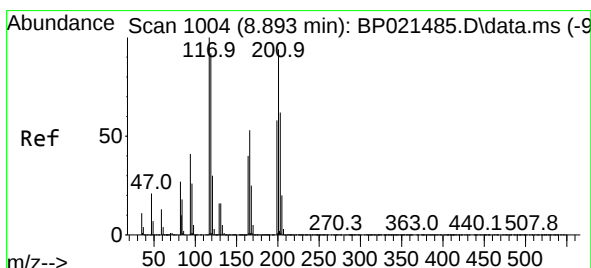
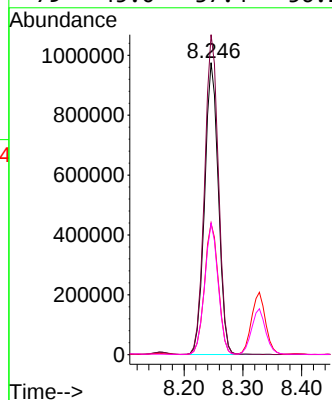
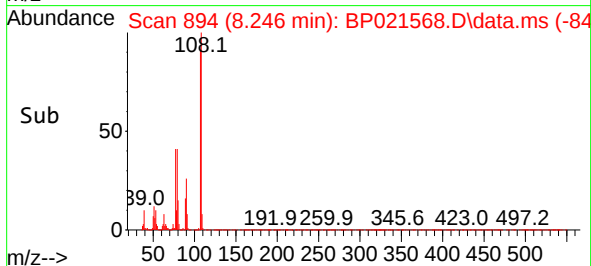


Tgt Ion:107 Resp: 158170
Ion Ratio Lower Upper
107 100
108 109.6 88.8 133.2
77 45.0 38.7 58.1
79 45.0 37.4 56.2

Manual Integrations

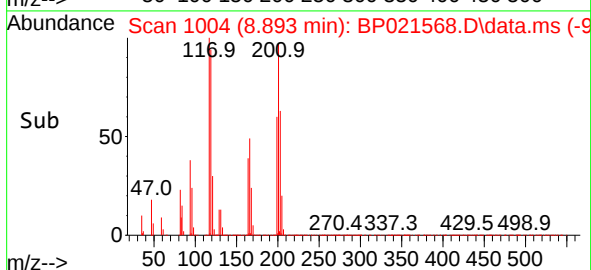
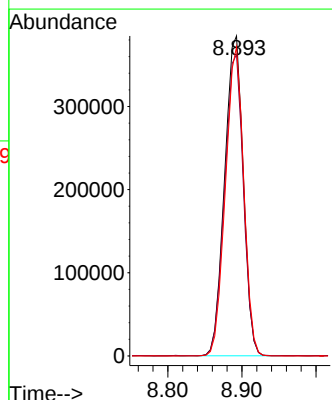
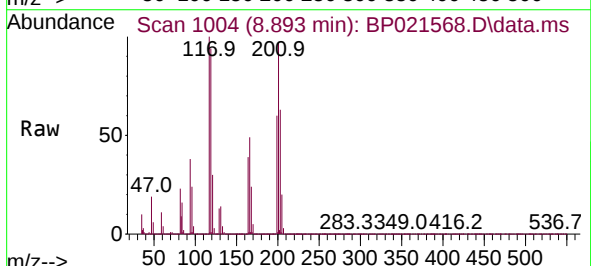
APPROVED

Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#18
Hexachloroethane
Concen: 45.372 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Tgt Ion:117 Resp: 671831
Ion Ratio Lower Upper
117 100
119 94.2 73.9 110.9
201 96.6 74.9 112.3





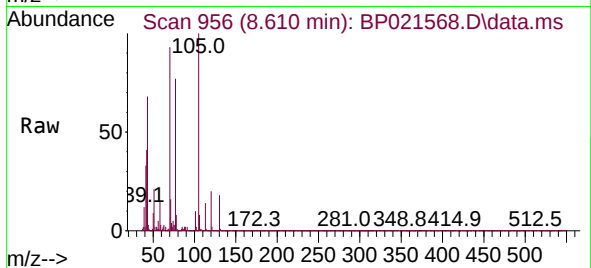
#19
n-Nitroso-di-n-propylamine
Concen: 38.475 ng
RT: 8.610 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PB162822BS



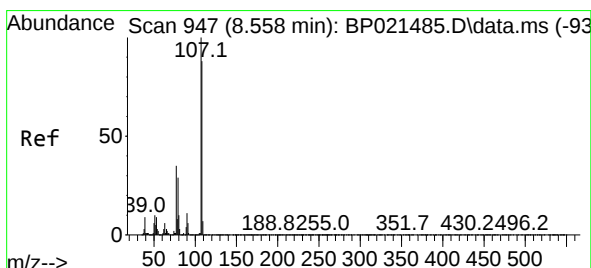
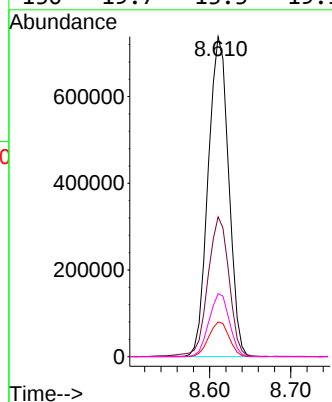
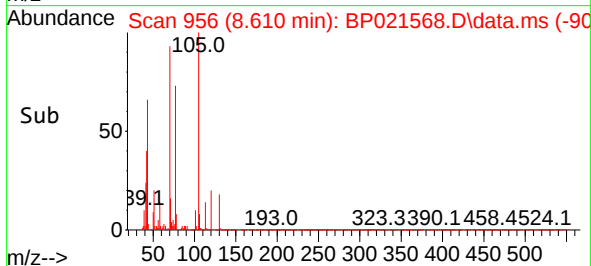
Tgt Ion: 70 Resp: 129156
Ion Ratio Lower Upper
70 100
42 43.7 33.1 49.7
101 10.9 7.4 11.2
130 19.7 13.3 19.9

Manual Integrations

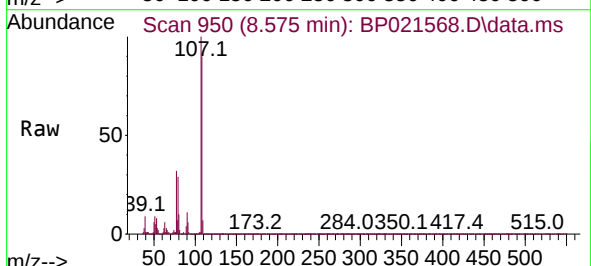
APPROVED

Reviewed By :Yogesh Patel 08/21/2024

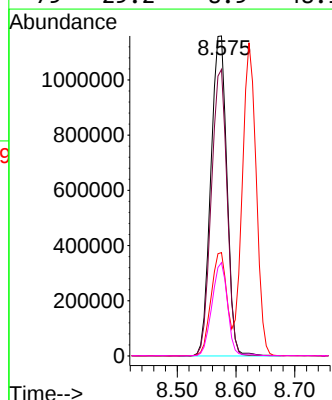
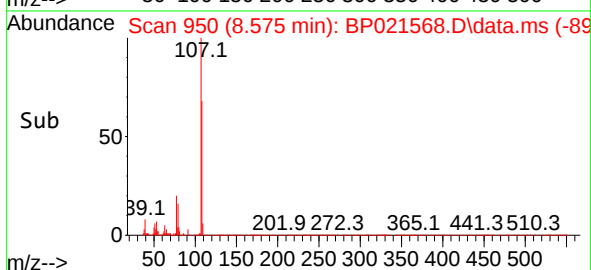
Supervised By :mohammad ahmed 08/22/2024

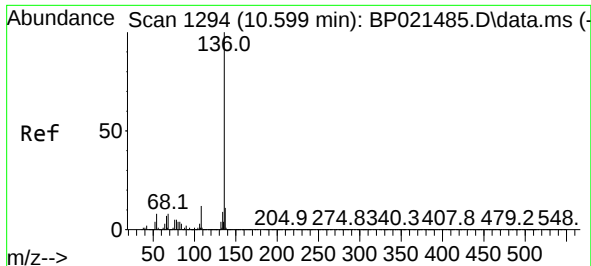


#20
3+4-Methylphenols
Concen: 51.486 ng
RT: 8.575 min Scan# 950
Delta R.T. 0.018 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31



Tgt Ion:107 Resp: 2208573
Ion Ratio Lower Upper
107 100
108 89.5 67.6 107.6
77 32.3 15.0 55.0
79 29.2 8.9 48.9





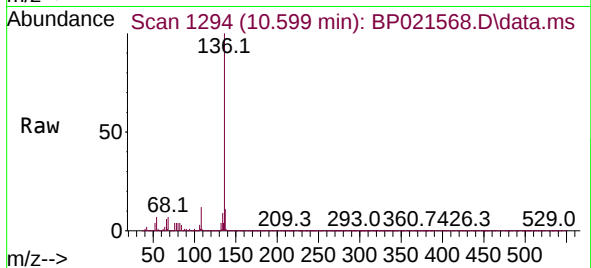
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 1294
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PB162822BS

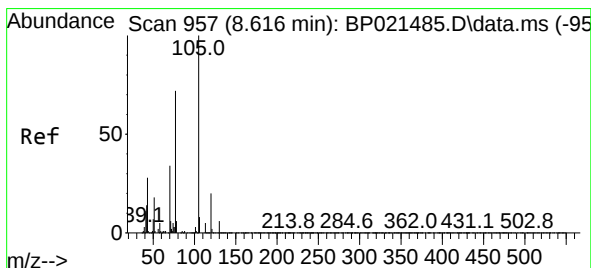
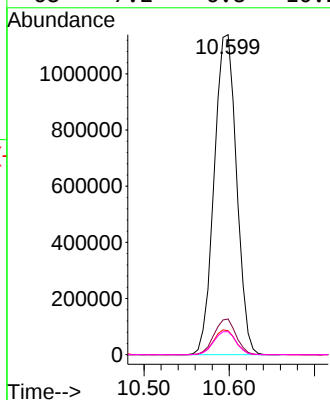
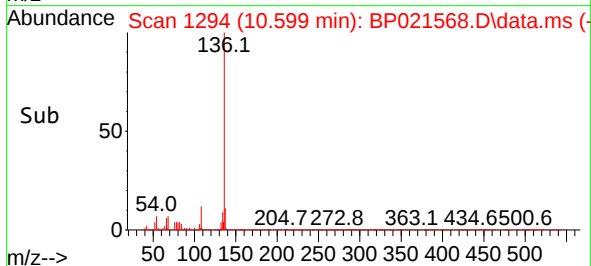


Tgt Ion:136 Resp: 2073179
Ion Ratio Lower Upper
136 100
137 11.1 8.8 13.2
54 7.5 6.3 9.5
68 7.2 6.8 10.2

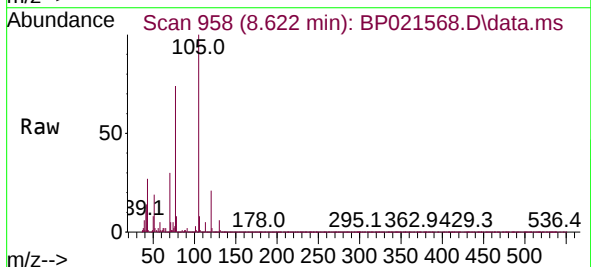
Manual Integrations

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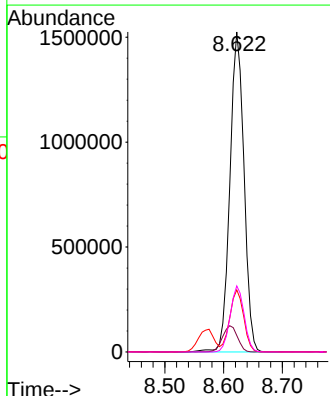
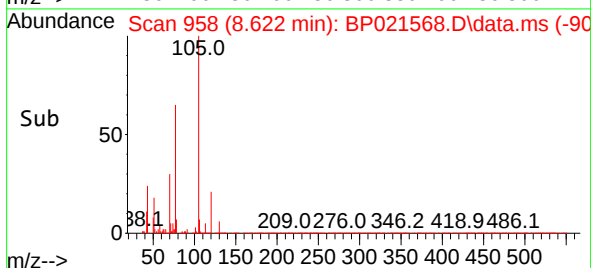
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#22
Acetophenone
Concen: 39.810 ng
RT: 8.622 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31



Tgt Ion:105 Resp: 2535541
Ion Ratio Lower Upper
105 100
71 5.2 4.6 7.0
51 19.4 16.3 24.5
120 20.6 16.2 24.2





#23

Nitrobenzene-d5

Concen: 93.712 ng

RT: 8.957 min Scan# 1014

Delta R.T. 0.006 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PB162822BS

Tgt Ion: 82 Resp: 376403

Ion Ratio Lower Upper

82 100

128 38.2 26.5 39.7

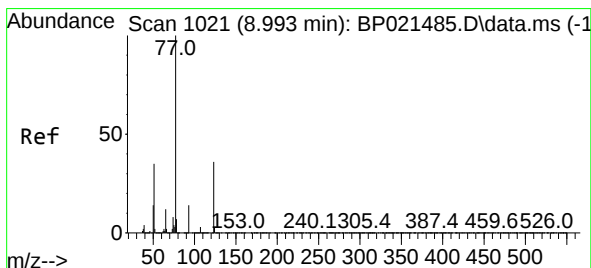
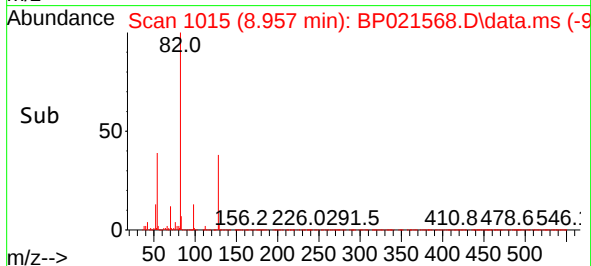
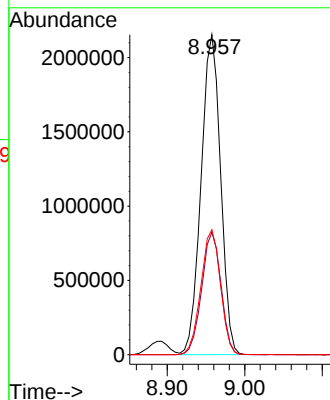
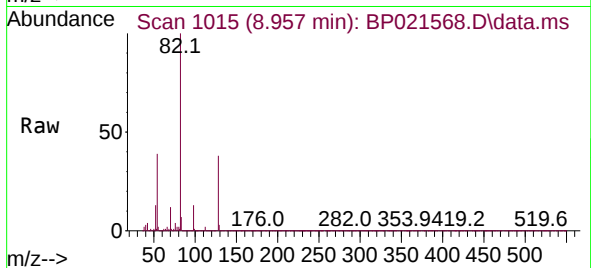
54 39.0 30.3 45.5

Manual Integrations

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Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#24

Nitrobenzene

Concen: 44.668 ng

RT: 8.999 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

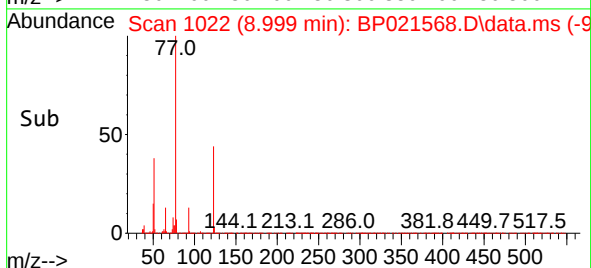
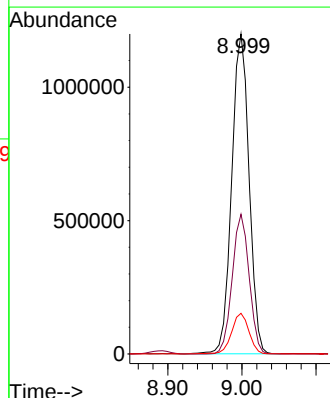
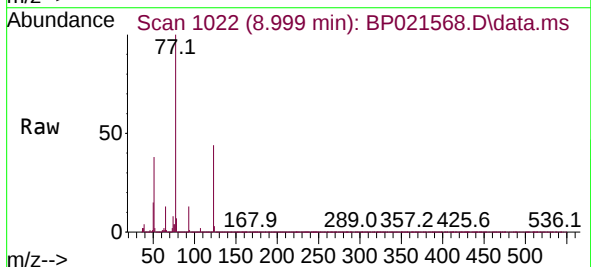
Tgt Ion: 77 Resp: 1948611

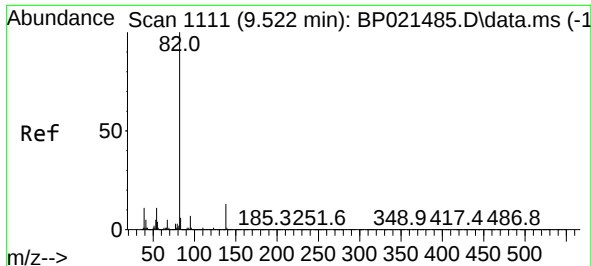
Ion Ratio Lower Upper

77 100

123 43.7 29.5 44.3

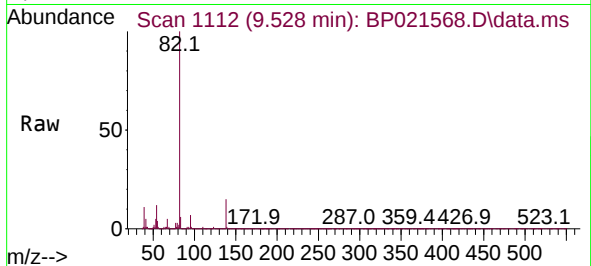
65 12.7 9.9 14.9





#25
Isophorone
Concen: 40.856 ng
RT: 9.528 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

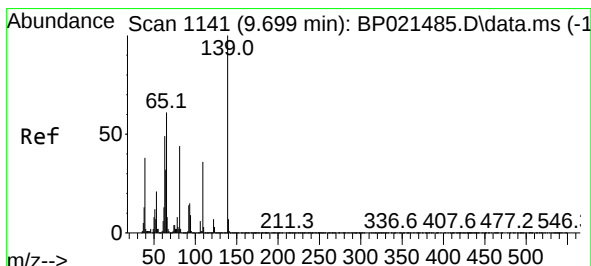
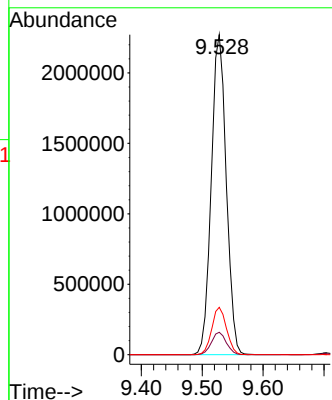
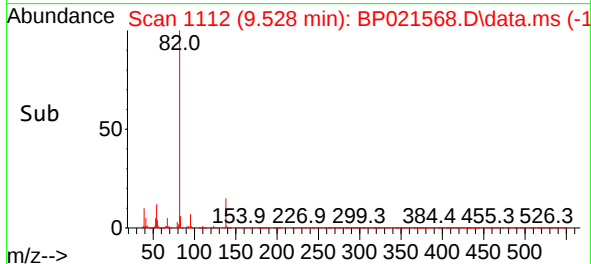
Instrument :
BNA_P
ClientSampleId :
PB162822BS



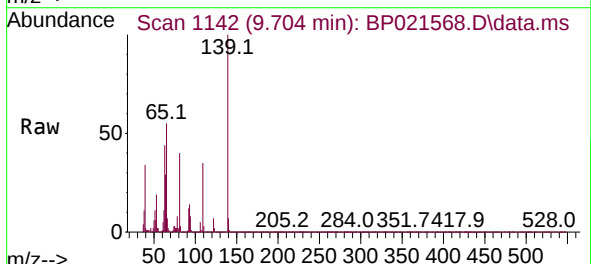
Tgt Ion: 82 Resp: 387678
Ion Ratio Lower Upper
82 100
95 7.0 5.4 8.2
138 14.8 10.6 16.0

Manual Integrations
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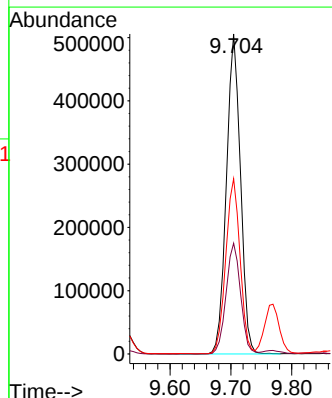
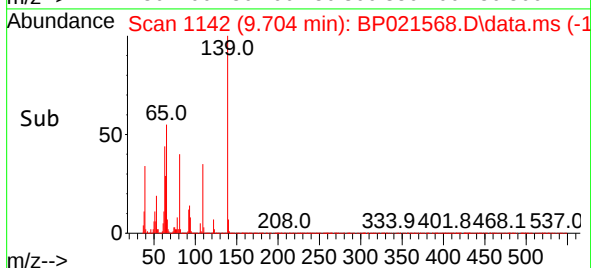
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

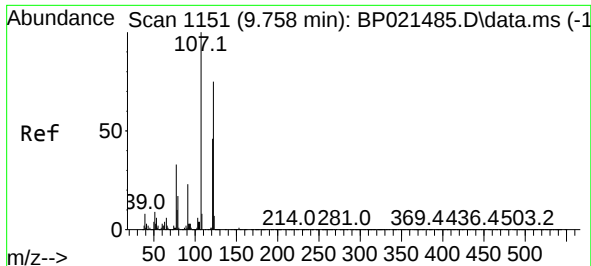


#26
2-Nitrophenol
Concen: 63.198 ng
RT: 9.704 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31



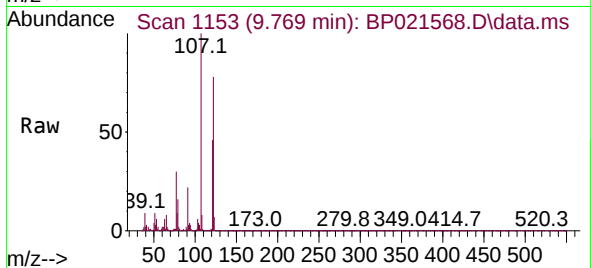
Tgt Ion:139 Resp: 810333
Ion Ratio Lower Upper
139 100
109 34.6 28.9 43.3
65 54.7 49.0 73.6





#27
2,4-Dimethylphenol
Concen: 53.822 ng
RT: 9.769 min Scan# 1151
Delta R.T. 0.012 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

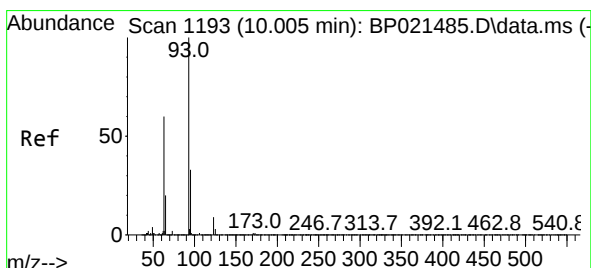
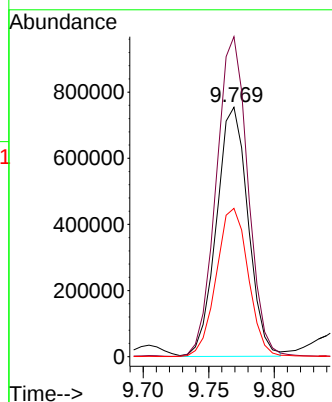
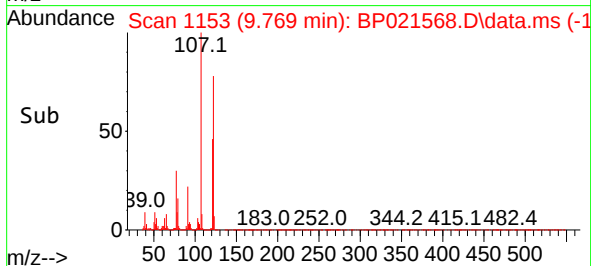
Instrument :
BNA_P
ClientSampleId :
PB162822BS



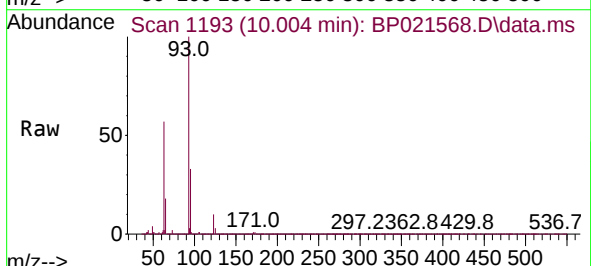
Tgt Ion:122 Resp: 1260392
Ion Ratio Lower Upper
122 100
107 128.3 106.2 159.4
121 59.5 48.8 73.2

Manual Integrations
APPROVED

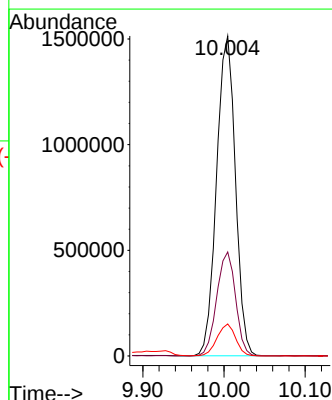
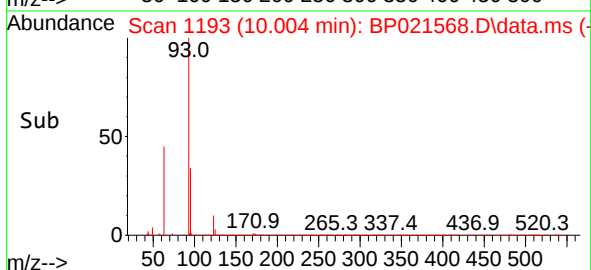
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

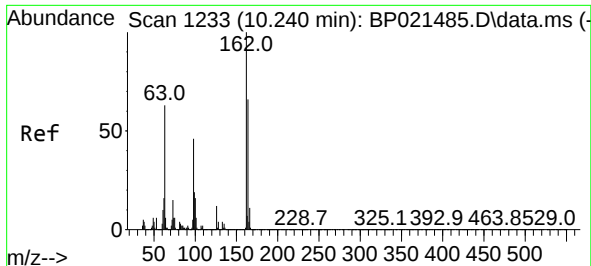


#28
bis(2-Chloroethoxy)methane
Concen: 42.148 ng
RT: 10.004 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31



Tgt Ion: 93 Resp: 2441309
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 10.0 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 56.031 ng
RT: 10.240 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

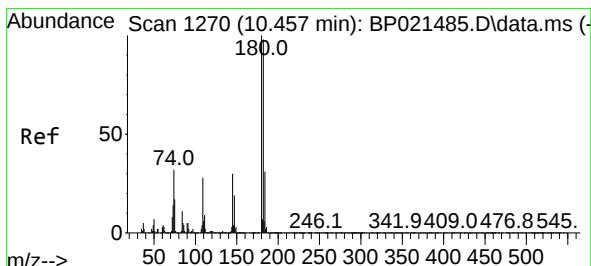
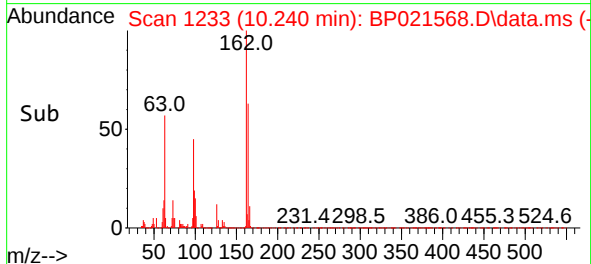
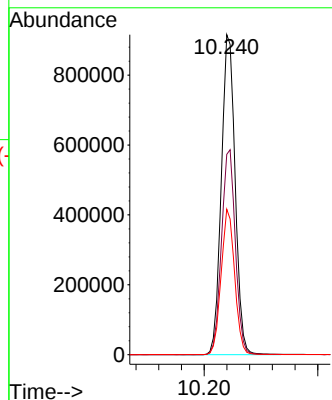
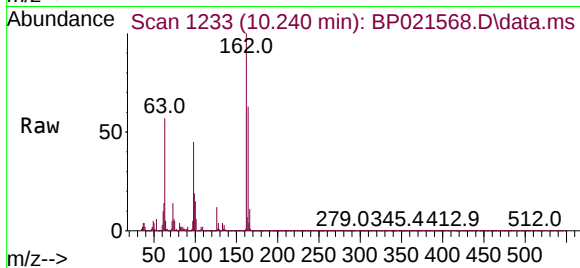
ClientSampleId :

PB162822BS

Tgt Ion:162 Resp: 1550319
Ion Ratio Lower Upper
162 100
164 62.6 45.9 85.9
98 45.5 26.3 66.3

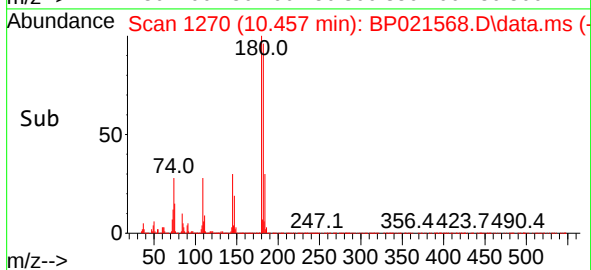
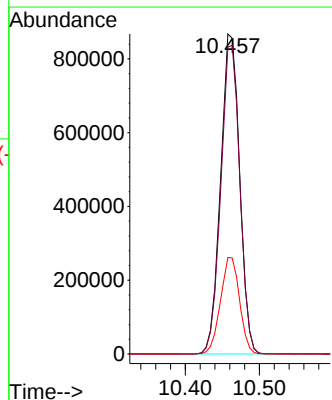
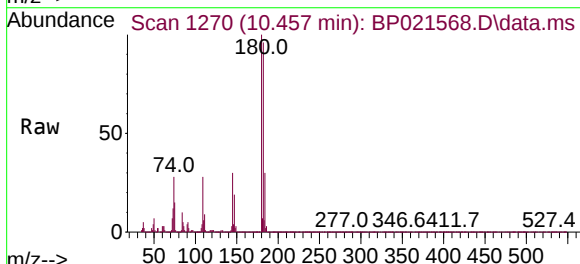
Manual Integrations
APPROVED

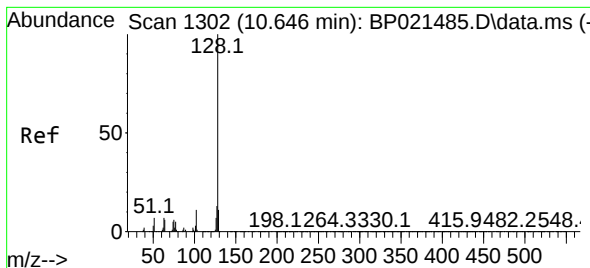
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#30
1,2,4-Trichlorobenzene
Concen: 43.572 ng
RT: 10.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

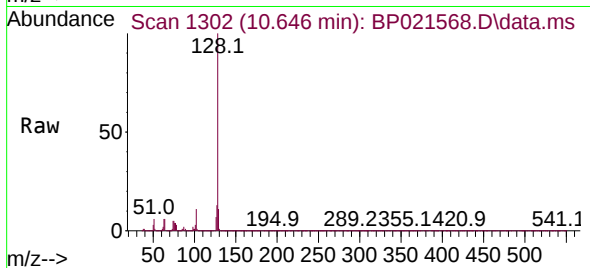
Tgt Ion:180 Resp: 1545646
Ion Ratio Lower Upper
180 100
182 95.8 78.3 117.5
145 30.2 24.0 36.0





#31
Naphthalene
Concen: 43.861 ng
RT: 10.646 min Scan# 1180
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

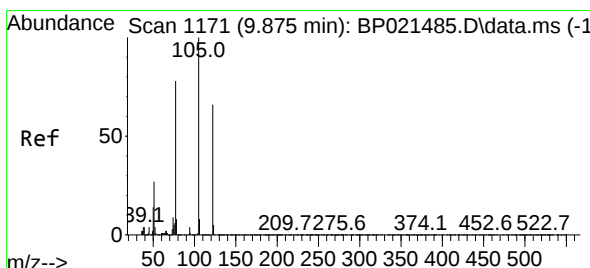
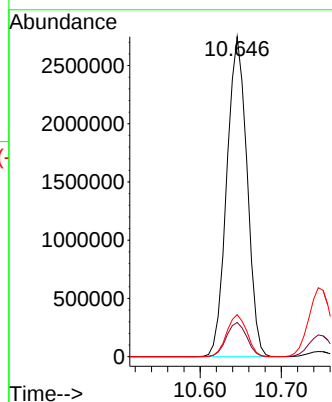
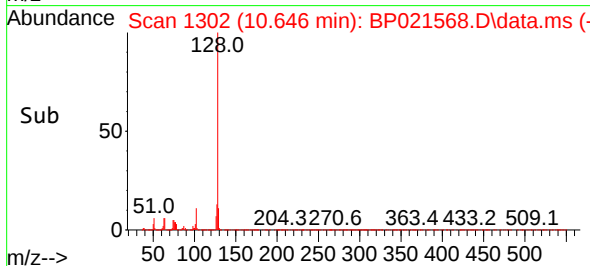
Instrument :
BNA_P
ClientSampleId :
PB162822BS



Tgt Ion:128 Resp: 4750290
Ion Ratio Lower Upper
128 100
129 10.7 8.6 12.8
127 13.2 10.6 15.8

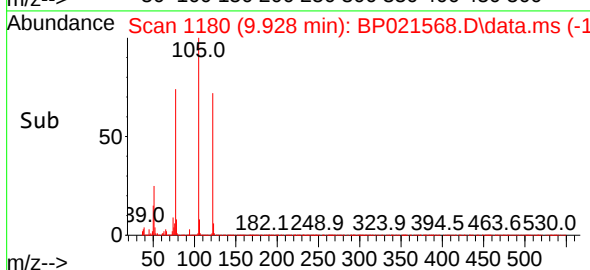
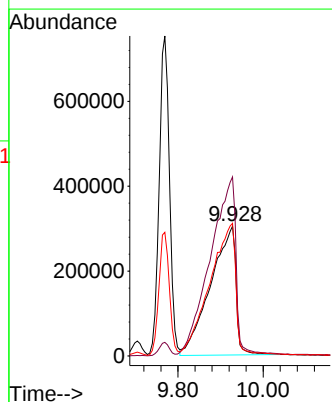
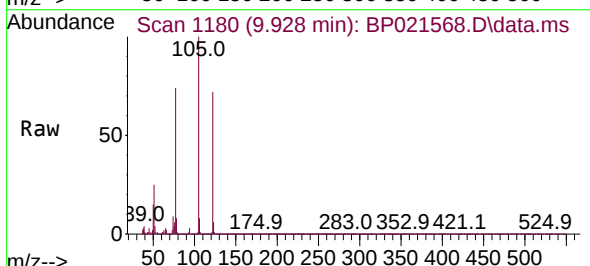
Manual Integrations
APPROVED

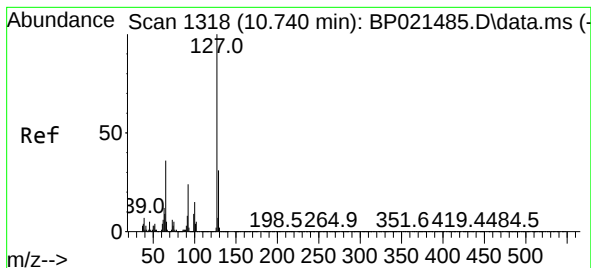
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#32
Benzoic acid
Concen: 69.217 ng
RT: 9.928 min Scan# 1180
Delta R.T. 0.053 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Tgt Ion:122 Resp: 1255905
Ion Ratio Lower Upper
122 100
105 138.0 124.6 164.6
77 102.2 96.2 136.2





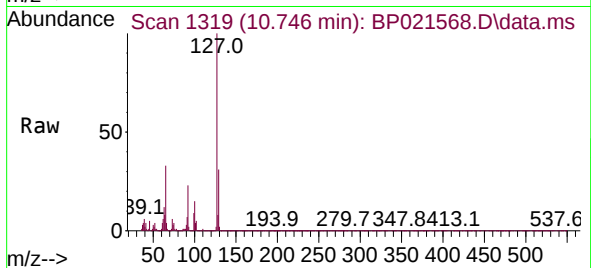
#33
4-Chloroaniline
Concen: 28.216 ng
RT: 10.746 min Scan# 11
Delta R.T. 0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PB162822BS



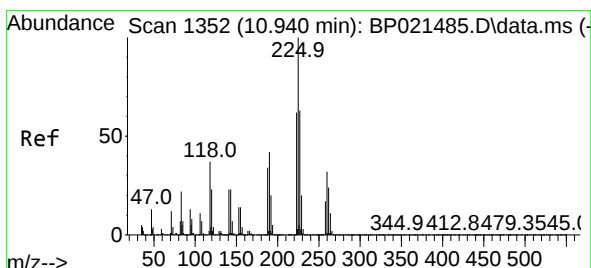
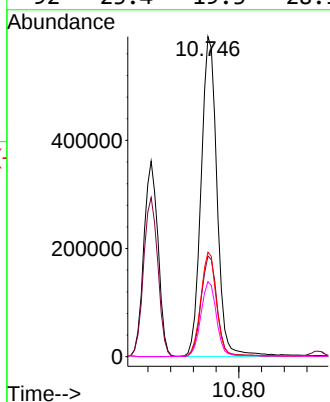
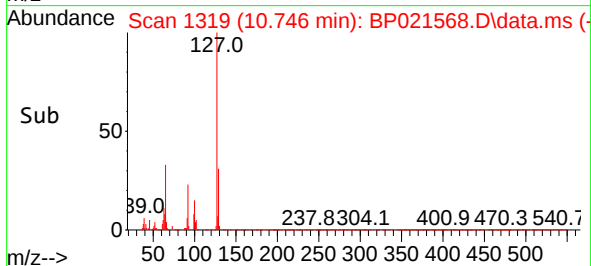
Tgt Ion:127 Resp: 114790
Ion Ratio Lower Upper
127 100
129 31.5 24.5 36.7
65 32.7 28.9 43.3
92 23.4 19.3 28.9

Manual Integrations

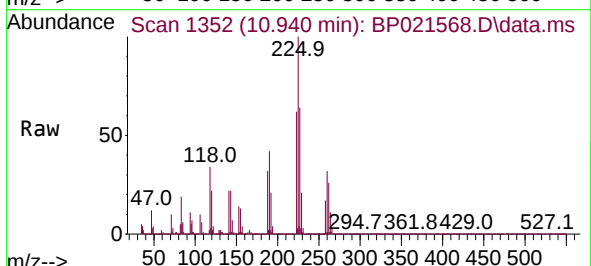
APPROVED

Reviewed By :Yogesh Patel 08/21/2024

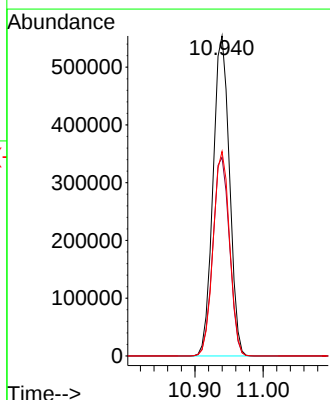
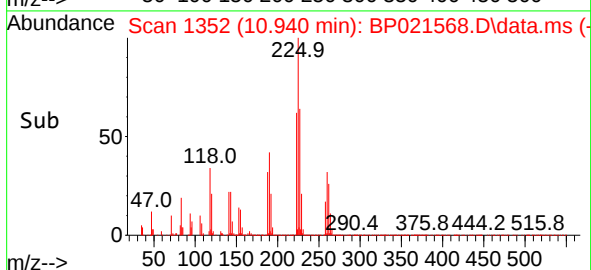
Supervised By :mohammad ahmed 08/22/2024

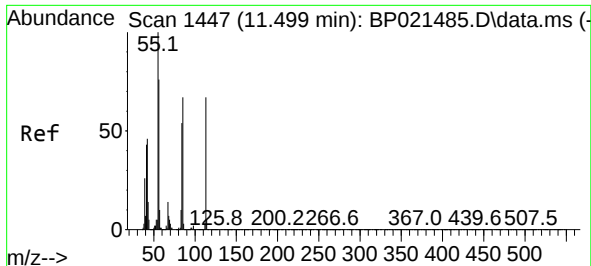


#34
Hexachlorobutadiene
Concen: 41.546 ng
RT: 10.940 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31



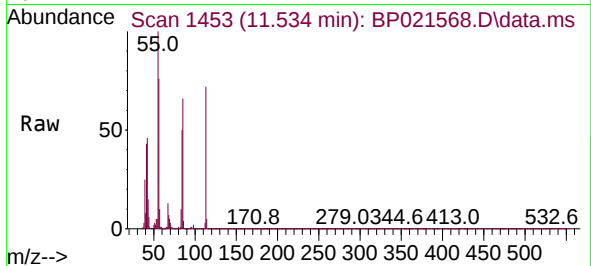
Tgt Ion:225 Resp: 927946
Ion Ratio Lower Upper
225 100
223 62.1 49.6 74.4
227 63.9 50.1 75.1





#35
Caprolactam
Concen: 51.386 ng m
RT: 11.534 min Scan# 1447
Delta R.T. 0.035 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

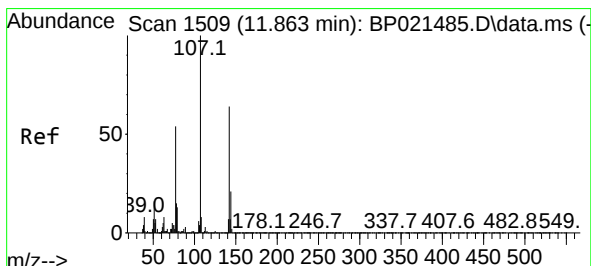
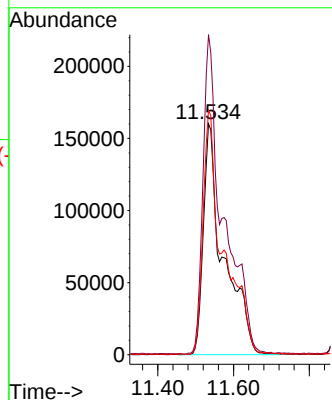
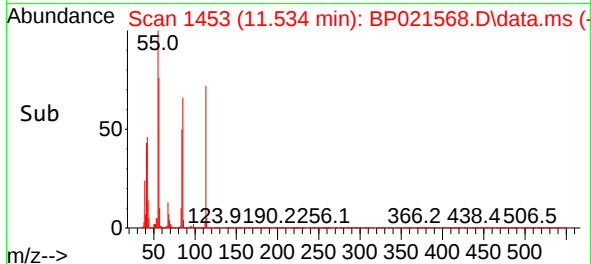
Instrument :
BNA_P
ClientSampleId :
PB162822BS



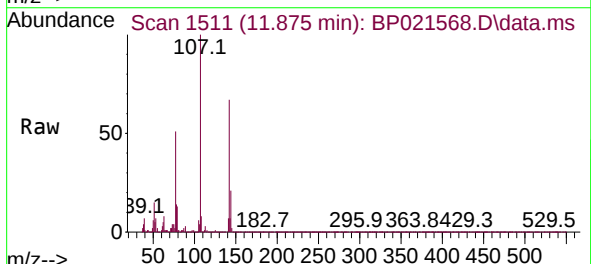
Tgt Ion:113 Resp: 591792
Ion Ratio Lower Upper
113 100
55 138.6 130.6 170.6
56 105.8 94.6 134.6

Manual Integrations
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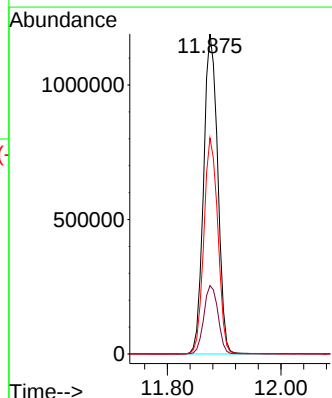
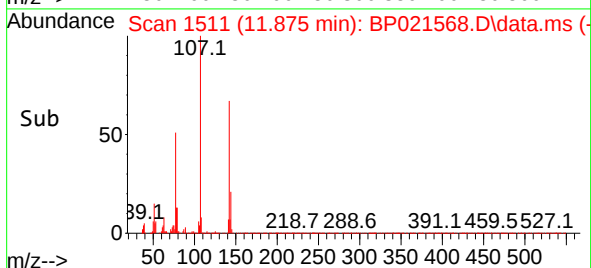
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

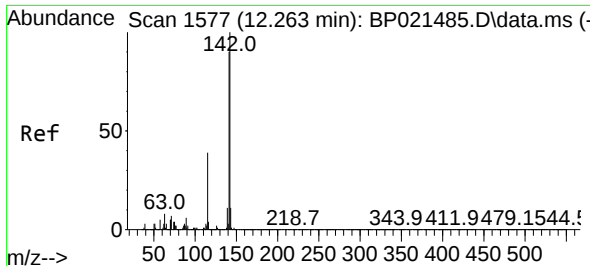


#36
4-Chloro-3-methylphenol
Concen: 53.276 ng
RT: 11.875 min Scan# 1511
Delta R.T. 0.012 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31



Tgt Ion:107 Resp: 2044802
Ion Ratio Lower Upper
107 100
144 21.4 16.6 24.8
142 67.5 51.0 76.4





#37
2-Methylnaphthalene
Concen: 44.806 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

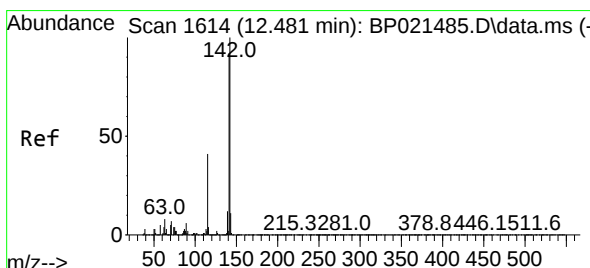
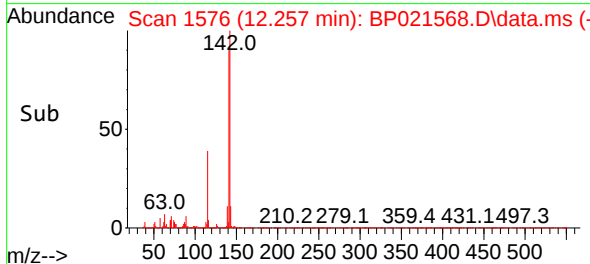
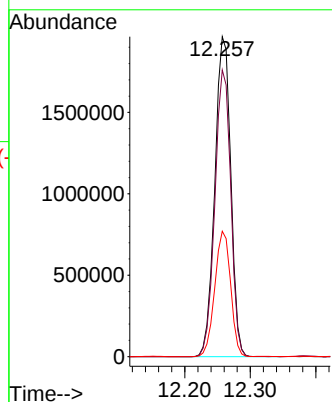
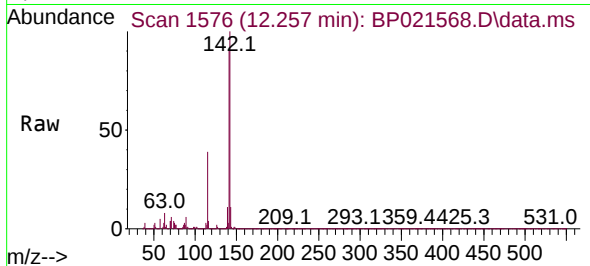
PB162822BS

Tgt Ion:142 Resp: 331187
Ion Ratio Lower Upper
142 100
141 89.6 71.7 107.5
115 39.2 31.4 47.2

Manual Integrations

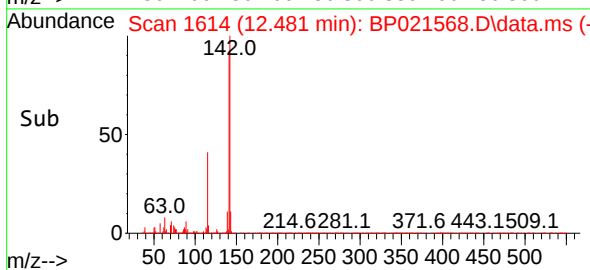
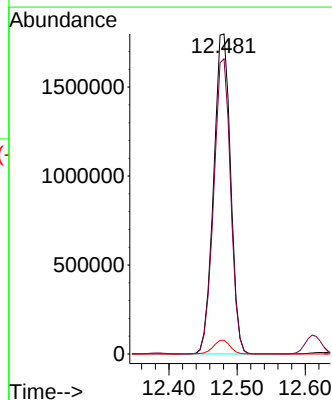
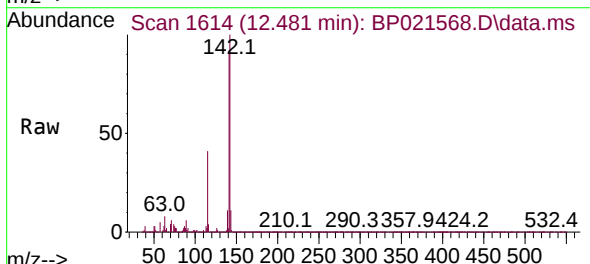
APPROVED

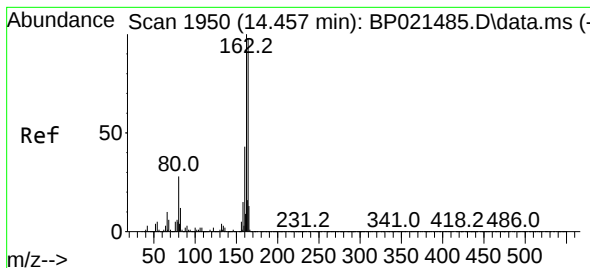
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#38
1-Methylnaphthalene
Concen: 42.651 ng
RT: 12.481 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Tgt Ion:142 Resp: 3109322
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3
116 4.3 3.4 5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.451 min Scan# 1950

Delta R.T. -0.006 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PB162822BS

Tgt Ion:164 Resp: 1389370

Ion Ratio Lower Upper

164 100

162 99.6 81.5 122.3

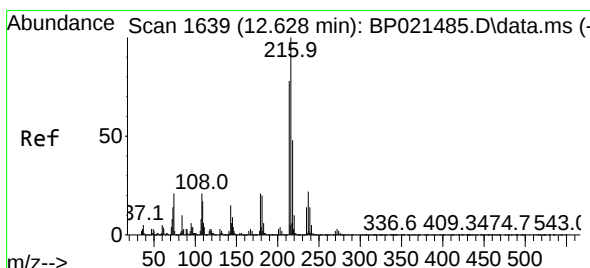
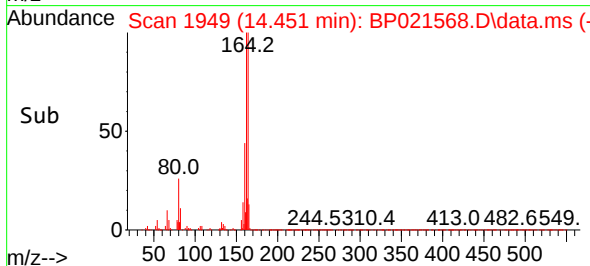
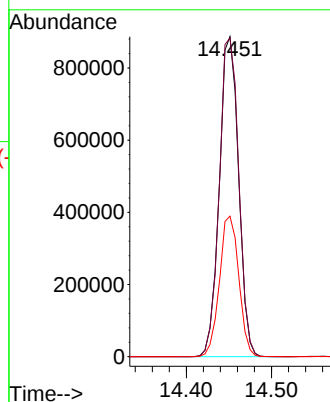
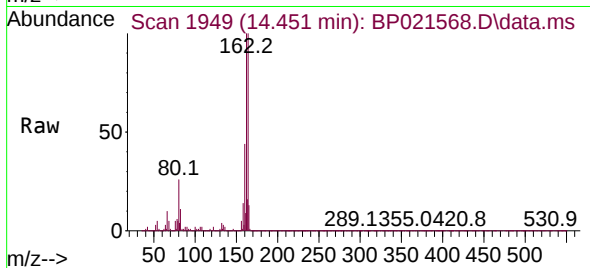
160 43.9 35.2 52.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.778 ng

RT: 12.634 min Scan# 1640

Delta R.T. 0.006 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

Tgt Ion:216 Resp: 1660023

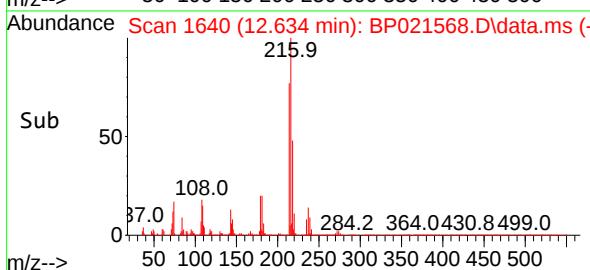
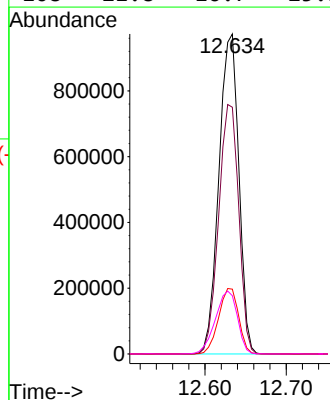
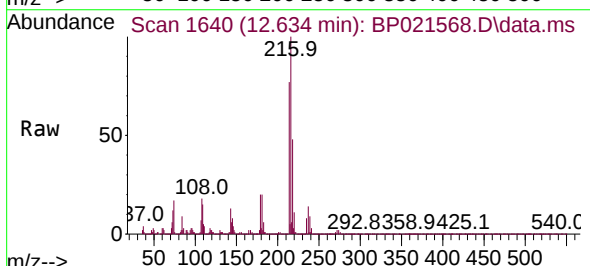
Ion Ratio Lower Upper

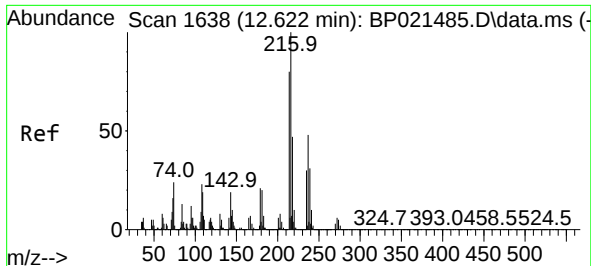
216 100

214 78.6 62.5 93.7

179 20.6 16.4 24.6

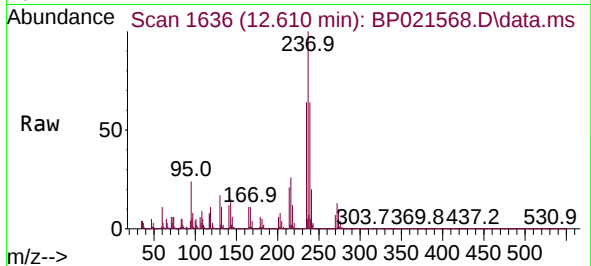
108 21.8 16.7 25.1





#41
Hexachlorocyclopentadiene
Concen: 116.470 ng
RT: 12.610 min Scan# 1636
Delta R.T. -0.012 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

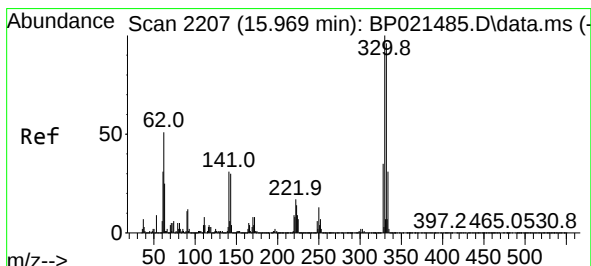
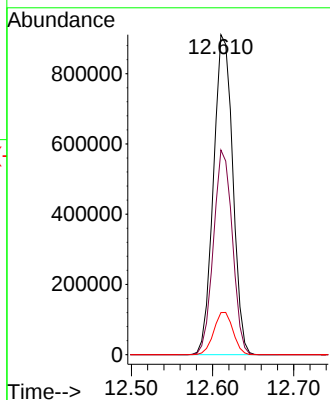
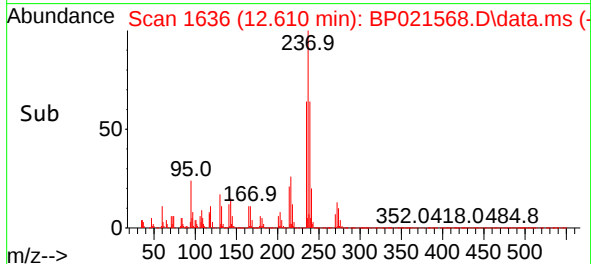
Instrument :
BNA_P
ClientSampleId :
PB162822BS



Tgt Ion:237 Resp: 150272
Ion Ratio Lower Upper
237 100
235 63.9 43.9 83.9
272 13.2 0.0 33.3

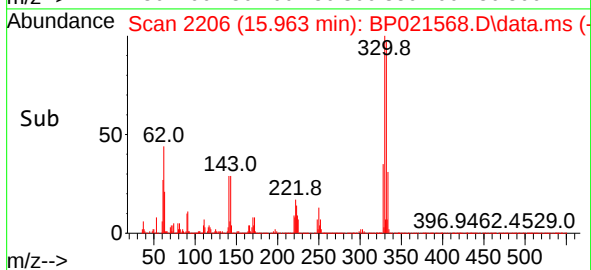
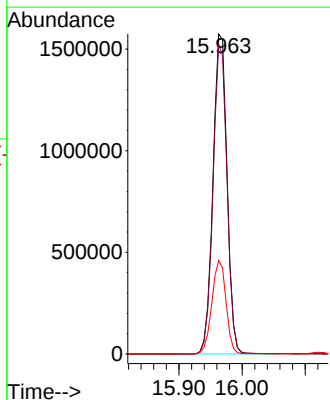
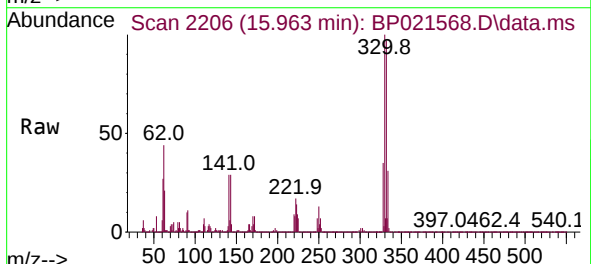
Manual Integrations
APPROVED

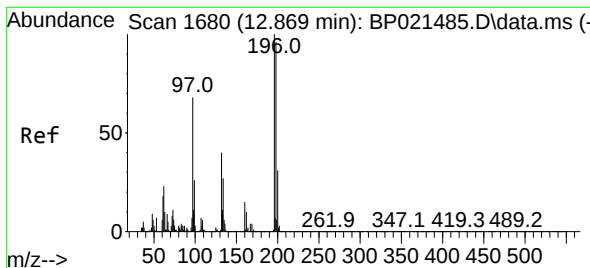
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#42
2,4,6-Tribromophenol
Concen: 157.161 ng
RT: 15.963 min Scan# 2206
Delta R.T. -0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

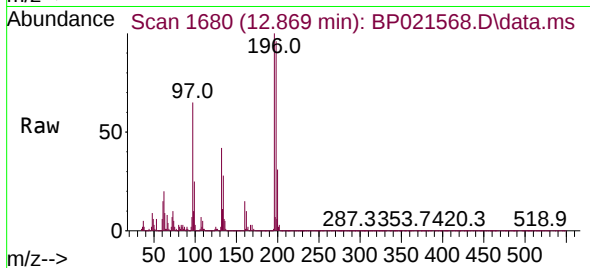
Tgt Ion:330 Resp: 2430215
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.0
141 29.4 24.5 36.7





#43
2,4,6-Trichlorophenol
Concen: 57.099 ng
RT: 12.869 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

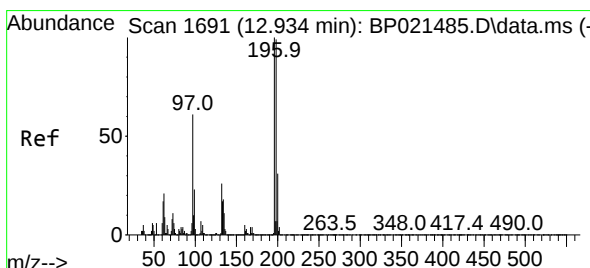
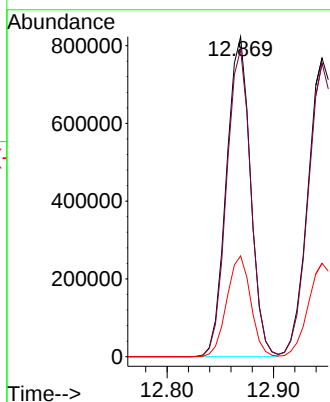
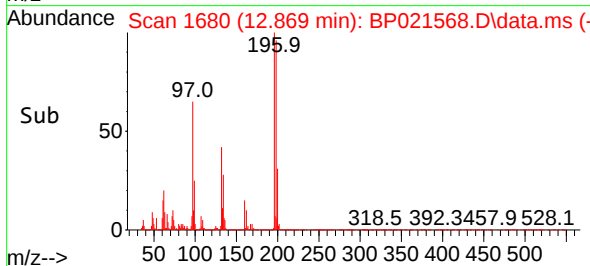
Instrument :
BNA_P
ClientSampleId :
PB162822BS



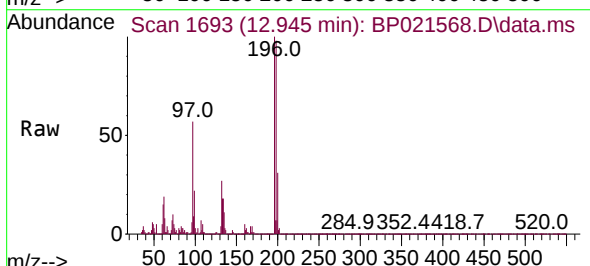
Tgt Ion:196 Resp: 1291184
Ion Ratio Lower Upper
196 100
198 96.1 76.6 114.8
200 31.5 24.5 36.7

Manual Integrations
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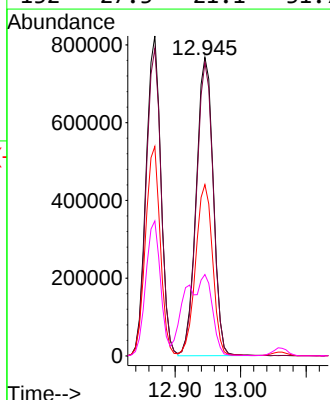
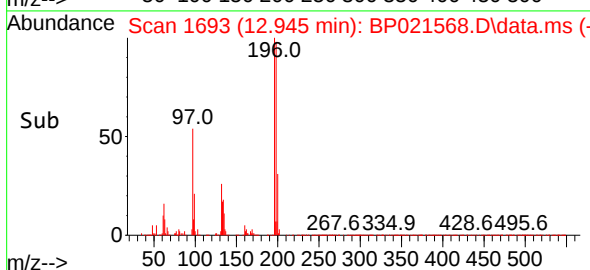
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

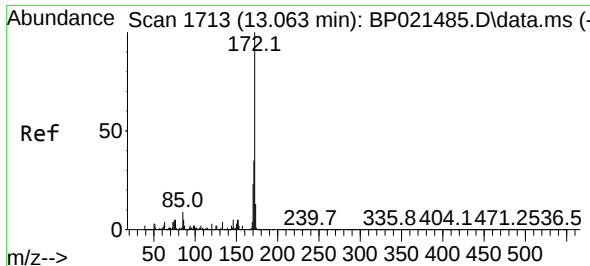


#44
2,4,5-Trichlorophenol
Concen: 55.286 ng
RT: 12.945 min Scan# 1693
Delta R.T. 0.012 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31



Tgt Ion:196 Resp: 1389021
Ion Ratio Lower Upper
196 100
198 98.3 78.9 118.3
97 57.4 49.4 74.0
132 27.3 21.1 31.7





#45
2-Fluorobiphenyl
Concen: 79.575 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

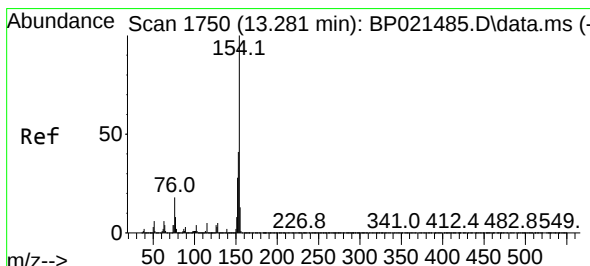
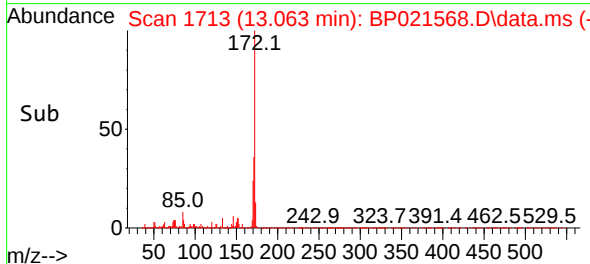
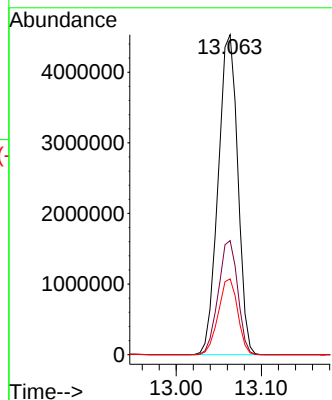
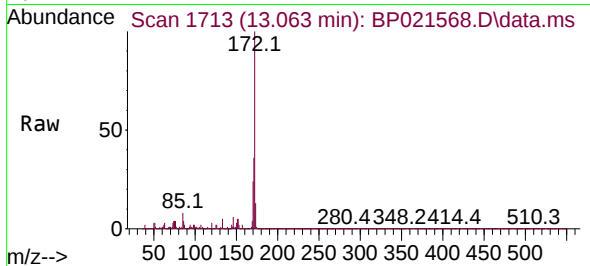
ClientSampleId :

PB162822BS

Tgt Ion:172 Resp: 724430
Ion Ratio Lower Upper
172 100
171 35.7 28.2 42.4
170 23.7 18.4 27.6

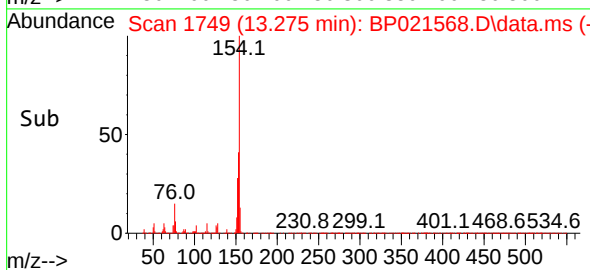
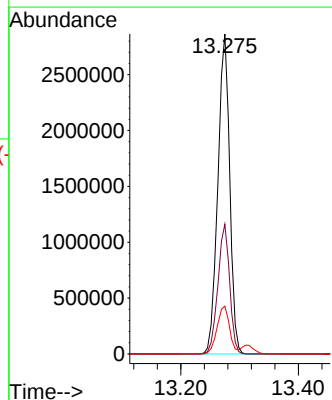
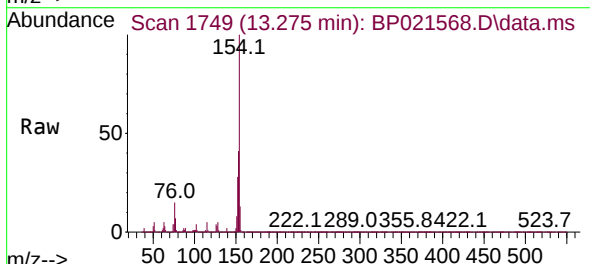
Manual Integrations
APPROVED

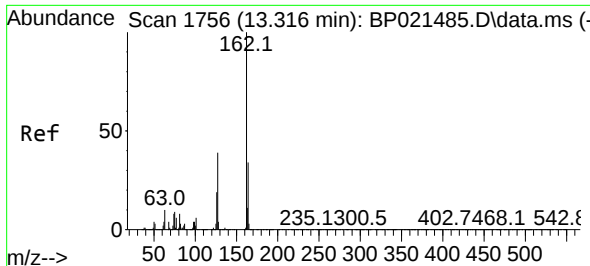
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#46
1,1'-Biphenyl
Concen: 40.658 ng
RT: 13.275 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Tgt Ion:154 Resp: 3996688
Ion Ratio Lower Upper
154 100
153 40.5 20.7 60.7
76 15.0 0.0 37.7





#47
2-Chloronaphthalene
Concen: 43.922 ng
RT: 13.316 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

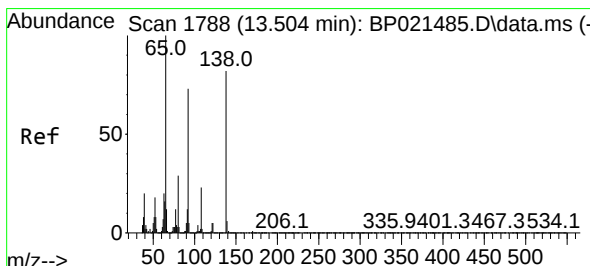
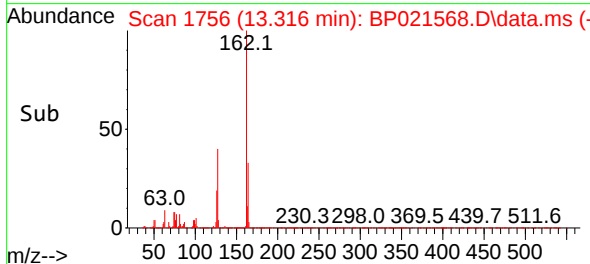
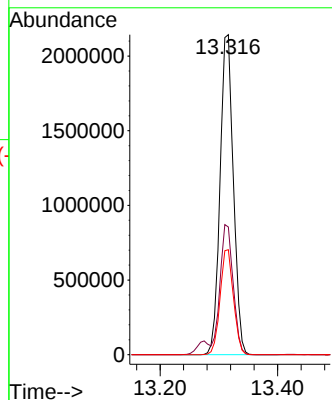
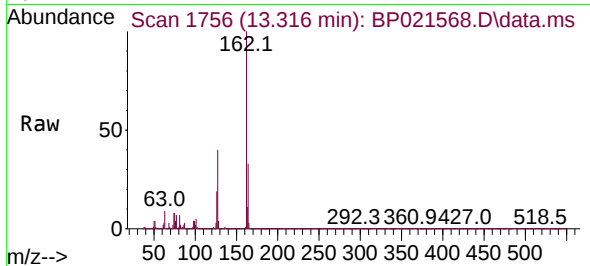
ClientSampleId :

PB162822BS

Tgt Ion:162 Resp: 3361372
Ion Ratio Lower Upper
162 100
127 39.9 31.9 47.9
164 32.8 26.8 40.2

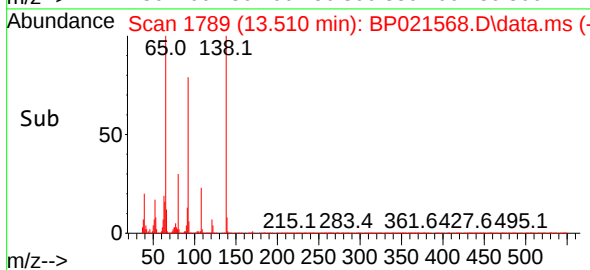
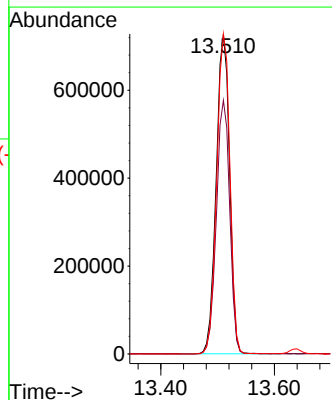
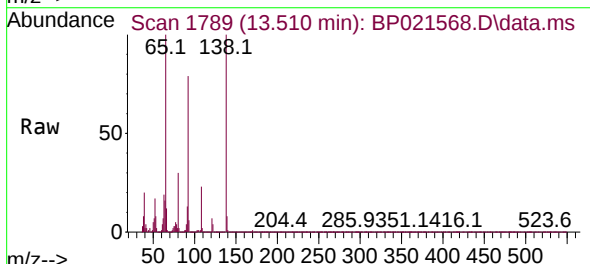
Manual Integrations
APPROVED

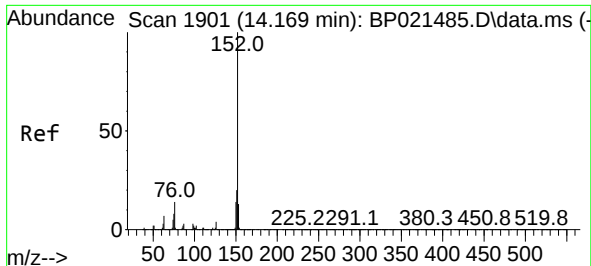
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#48
2-Nitroaniline
Concen: 54.598 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Tgt Ion: 65 Resp: 1188075
Ion Ratio Lower Upper
65 100
92 79.3 58.1 87.1
138 100.0 65.5 98.3





#49
Acenaphthylene
Concen: 48.890 ng
RT: 14.169 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

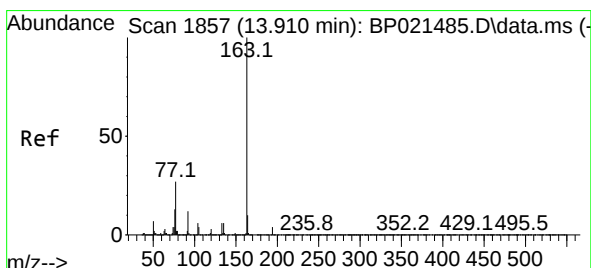
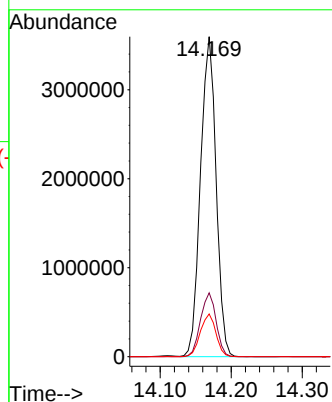
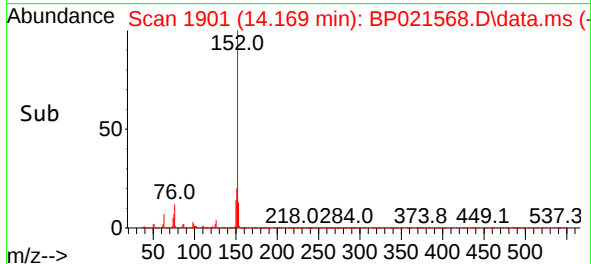
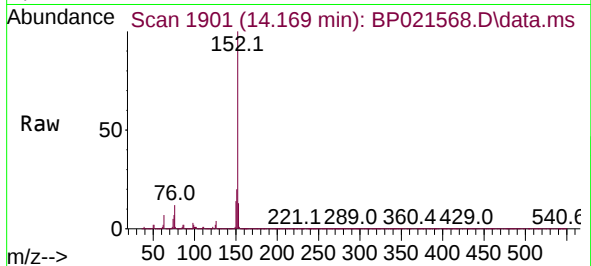
ClientSampleId :

PB162822BS

Tgt Ion:152 Resp: 550022
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.3 10.6 16.0

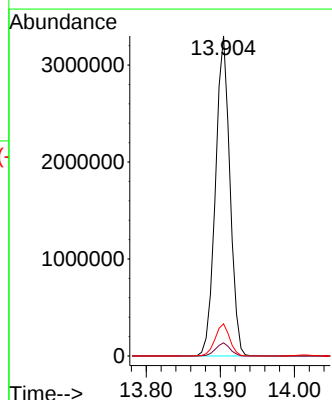
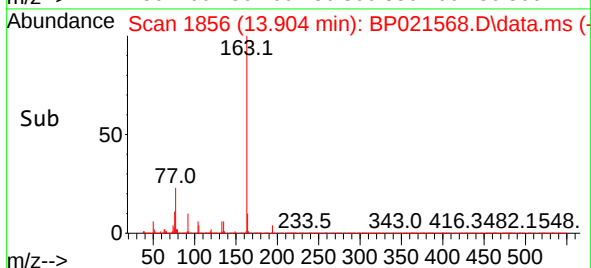
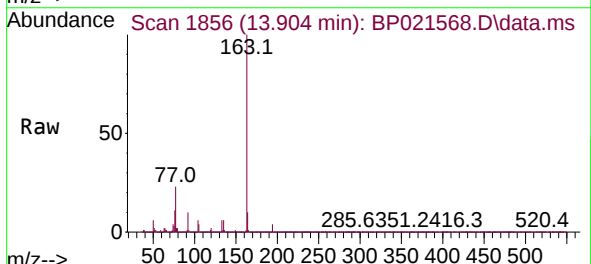
Manual Integrations
APPROVED

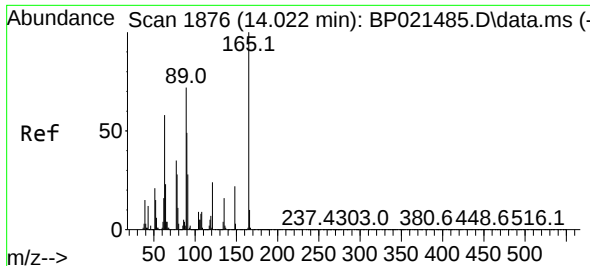
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#50
Dimethylphthalate
Concen: 47.945 ng
RT: 13.904 min Scan# 1856
Delta R.T. -0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Tgt Ion:163 Resp: 4461019
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.0 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 52.003 ng
RT: 14.010 min Scan# 1876
Delta R.T. -0.012 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

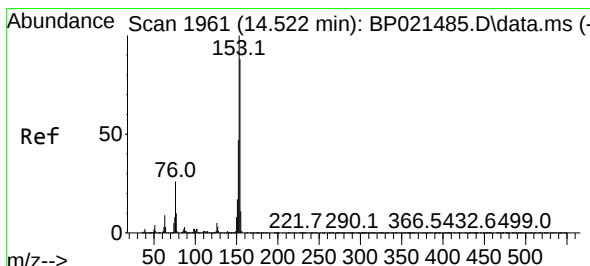
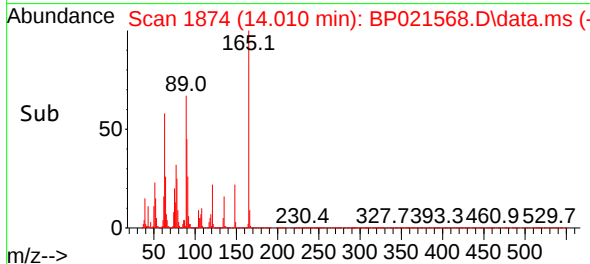
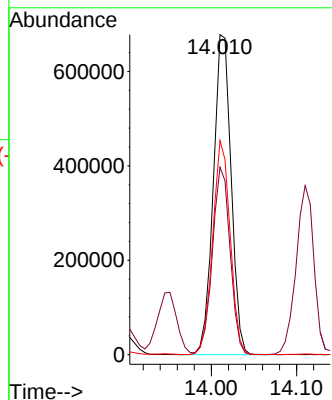
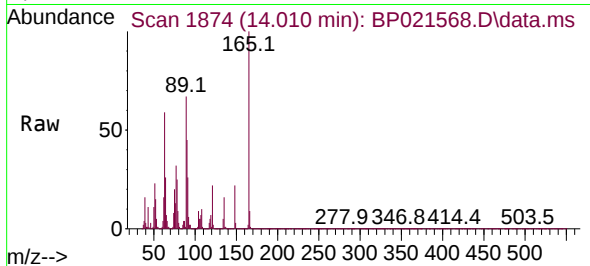
ClientSampleId :

PB162822BS

Tgt Ion:165 Resp: 982980
Ion Ratio Lower Upper
165 100
63 58.6 51.5 77.3
89 66.9 57.8 86.8

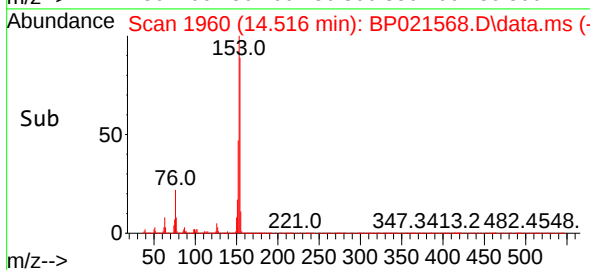
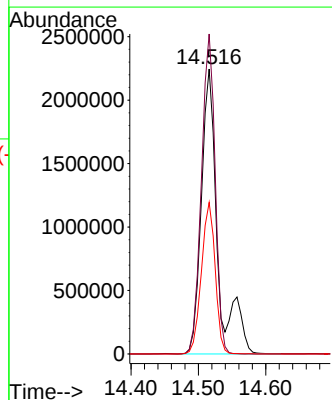
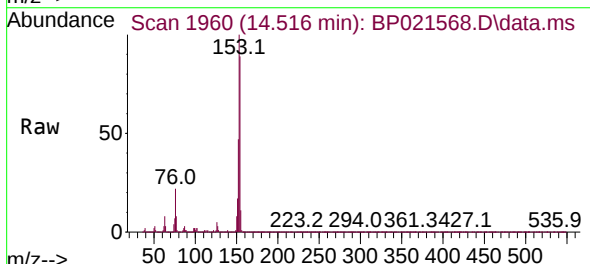
Manual Integrations
APPROVED

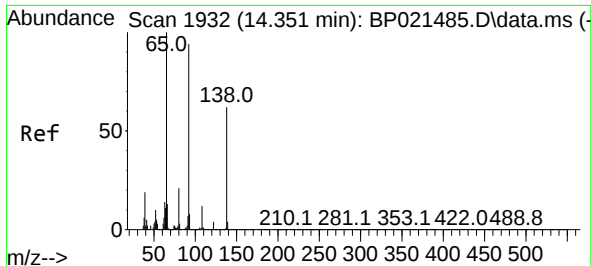
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#52
Acenaphthene
Concen: 51.606 ng m
RT: 14.516 min Scan# 1960
Delta R.T. -0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Tgt Ion:154 Resp: 3809412
Ion Ratio Lower Upper
154 100
153 112.3 91.1 136.7
152 53.2 43.0 64.4





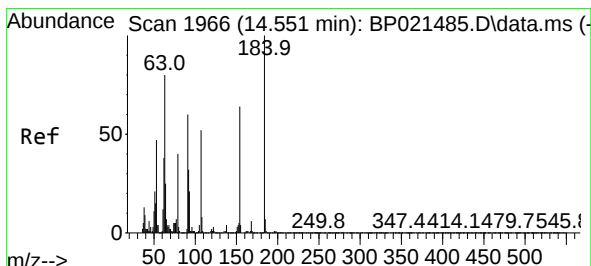
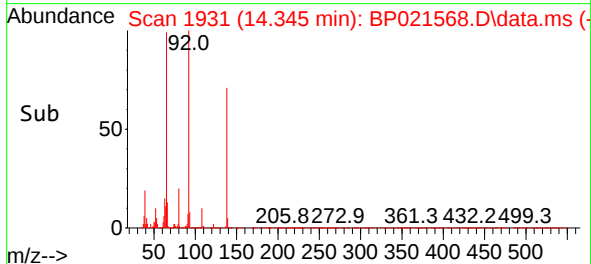
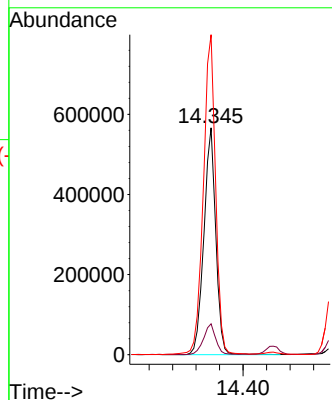
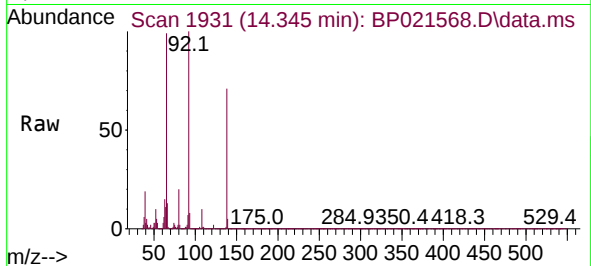
#53
3-Nitroaniline
Concen: 43.541 ng
RT: 14.345 min Scan# 1932
Delta R.T. -0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :
BNA_P
ClientSampleId :
PB162822BS

Tgt Ion:138 Resp: 796079
Ion Ratio Lower Upper
138 100
108 13.6 16.2 24.4
92 141.1 122.2 183.4

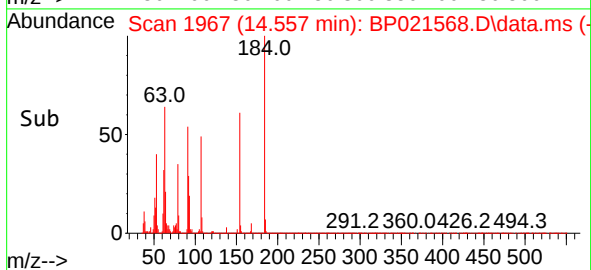
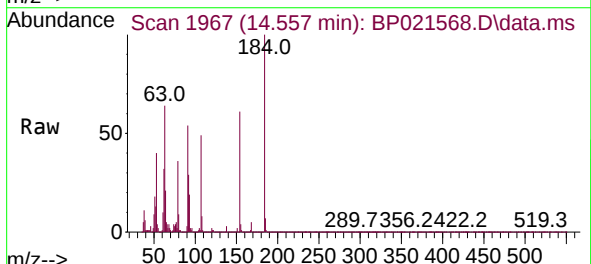
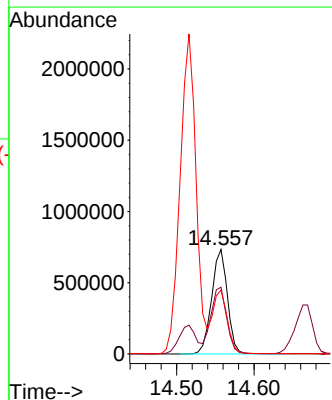
Manual Integrations
APPROVED

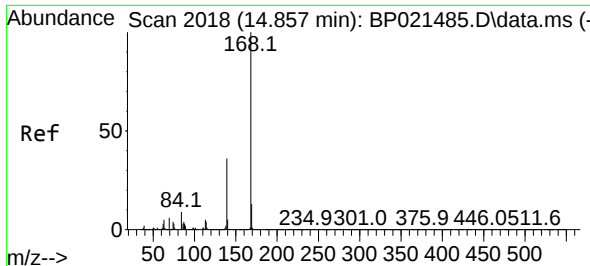
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#54
2,4-Dinitrophenol
Concen: 123.071 ng
RT: 14.557 min Scan# 1967
Delta R.T. 0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

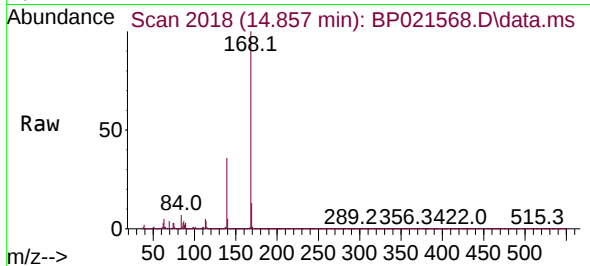
Tgt Ion:184 Resp: 1036408
Ion Ratio Lower Upper
184 100
63 63.8 64.9 97.3
154 61.2 52.1 78.1





#55
Dibenzenofuran
Concen: 45.731 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

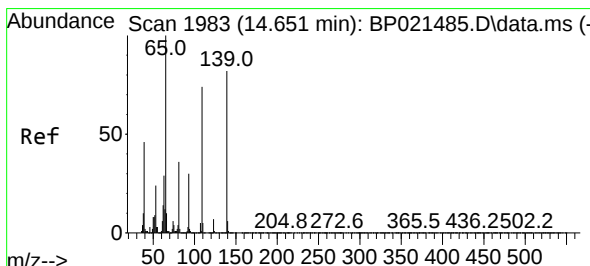
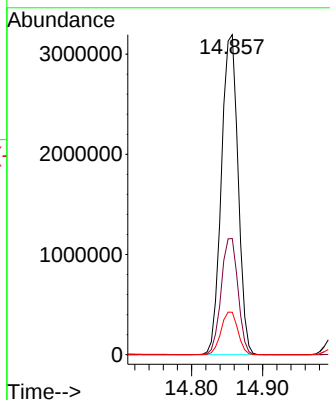
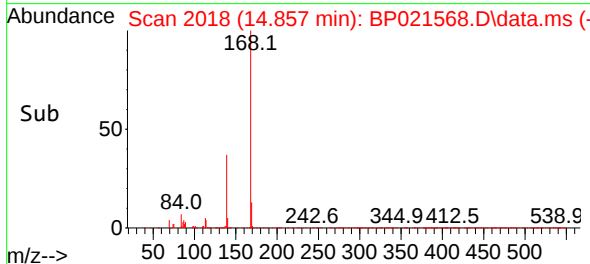
Instrument :
BNA_P
ClientSampleId :
PB162822BS



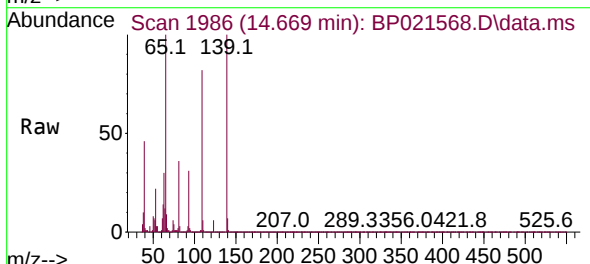
Tgt Ion:168 Resp: 5192990
Ion Ratio Lower Upper
168 100
139 36.3 28.6 43.0
169 13.2 10.6 16.0

Manual Integrations
APPROVED

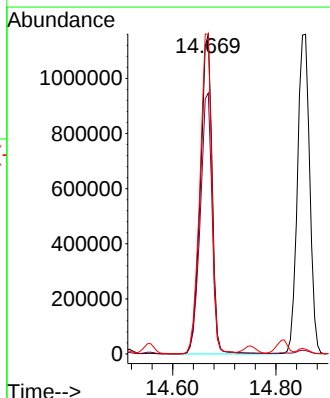
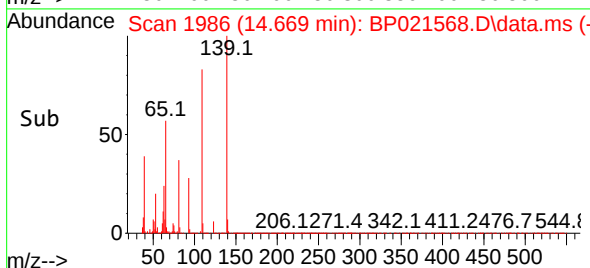
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

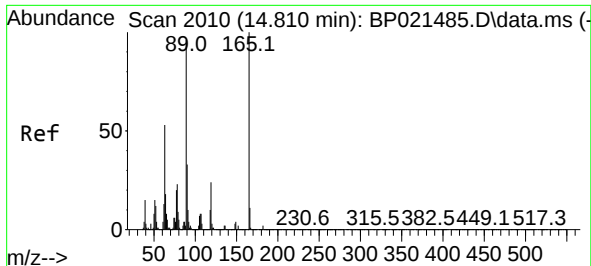


#56
4-Nitrophenol
Concen: 116.168 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.018 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31



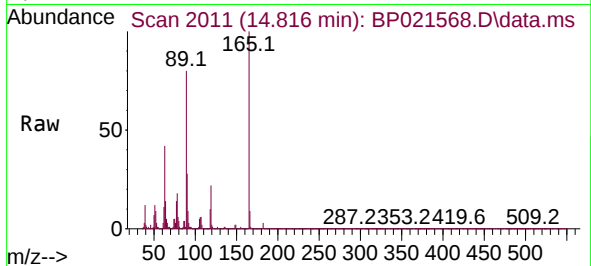
Tgt Ion:139 Resp: 1830474
Ion Ratio Lower Upper
139 100
109 81.7 70.2 110.2
65 100.2 101.8 141.8#





#57
2,4-Dinitrotoluene
Concen: 58.078 ng
RT: 14.816 min Scan# 2010
Delta R.T. 0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

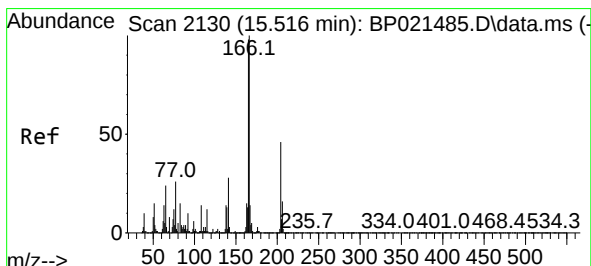
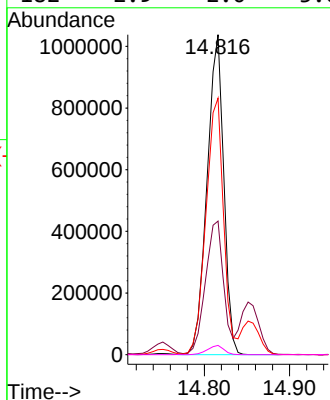
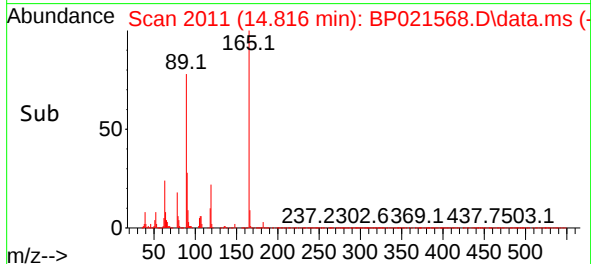
Instrument :
BNA_P
ClientSampleId :
PB162822BS



Tgt Ion:165 Resp: 1414718
Ion Ratio Lower Upper
165 100
63 41.8 42.5 63.7
89 80.1 77.1 115.7
182 2.9 2.0 3.0

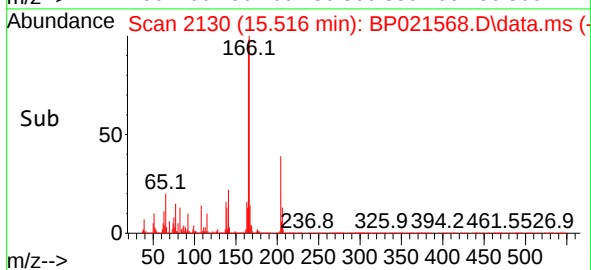
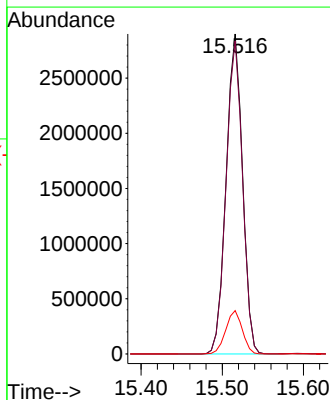
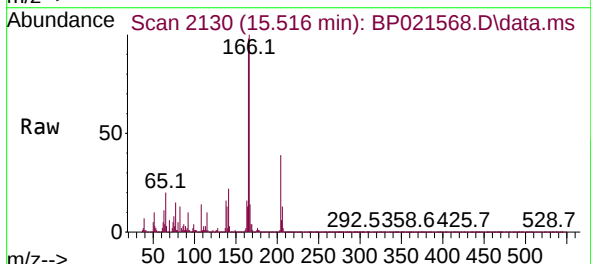
Manual Integrations
APPROVED

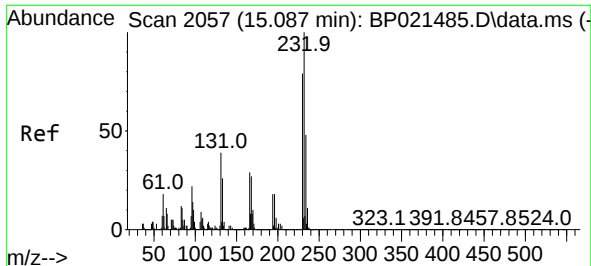
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#58
Fluorene
Concen: 43.711 ng
RT: 15.516 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

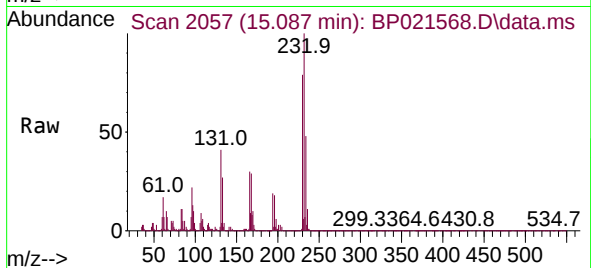
Tgt Ion:166 Resp: 4077699
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.6 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 59.406 ng
RT: 15.087 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

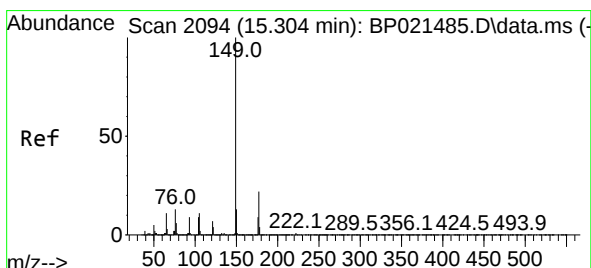
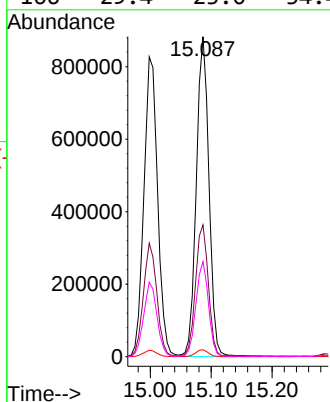
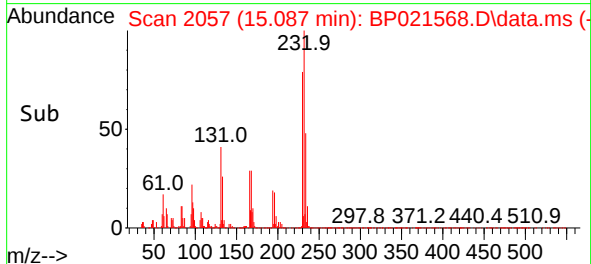
Instrument :
BNA_P
ClientSampleId :
PB162822BS



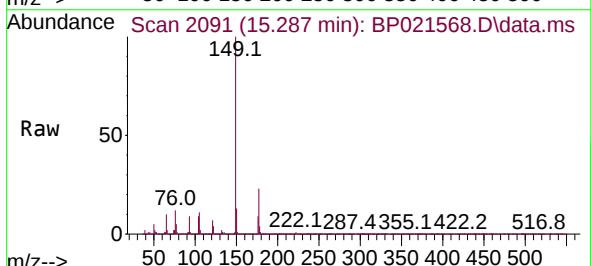
Tgt Ion:232 Resp: 126684
Ion Ratio Lower Upper
232 100
131 42.1 33.1 49.7
130 2.2 1.7 2.5
166 29.4 23.0 34.4

Manual Integrations
APPROVED

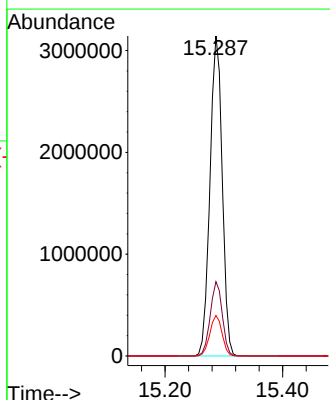
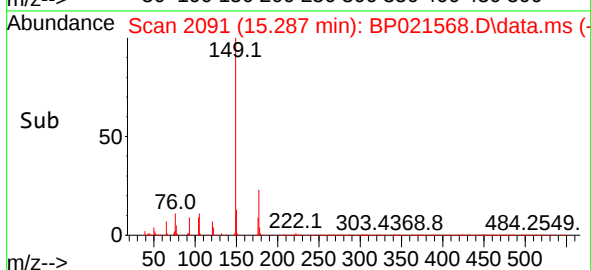
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

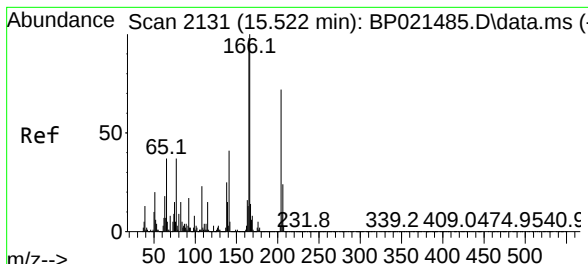


#60
Diethylphthalate
Concen: 47.643 ng
RT: 15.287 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31



Tgt Ion:149 Resp: 4548361
Ion Ratio Lower Upper
149 100
177 23.2 17.8 26.8
150 12.7 10.1 15.1





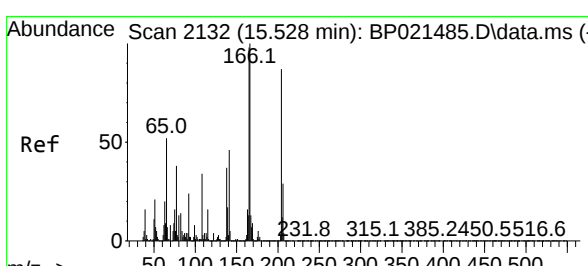
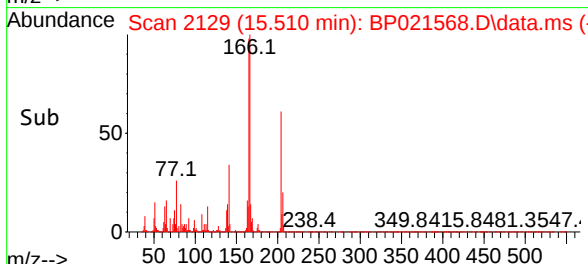
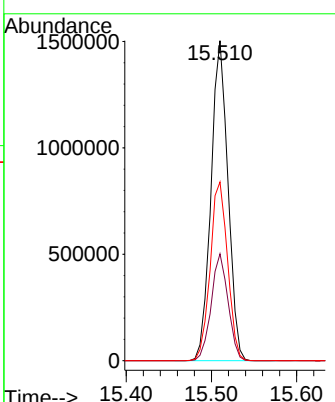
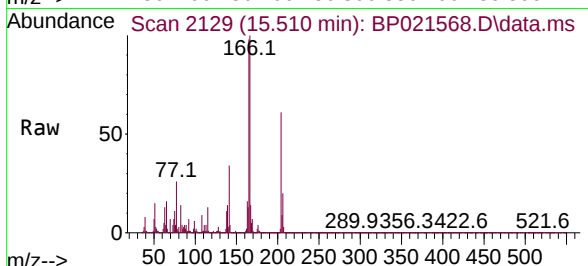
#61
 4-Chlorophenyl-phenylether
 Concen: 43.232 ng
 RT: 15.510 min Scan# 2129
 Delta R.T. -0.012 min
 Lab File: BP021568.D
 Acq: 20 Aug 2024 11:31

Instrument : BNA_P
 ClientSampleId : PB162822BS

Tgt Ion: 204 Resp: 208466

Ion	Ratio	Lower	Upper
204	100		
206	33.4	26.4	39.6
141	55.9	46.1	69.1

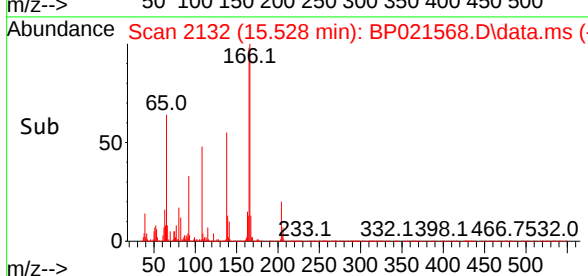
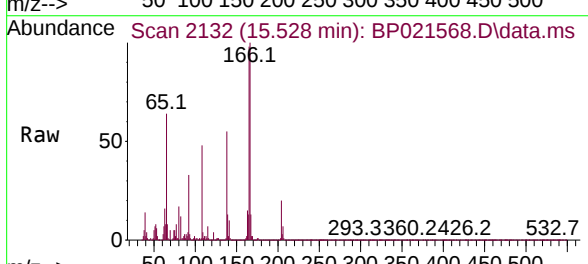
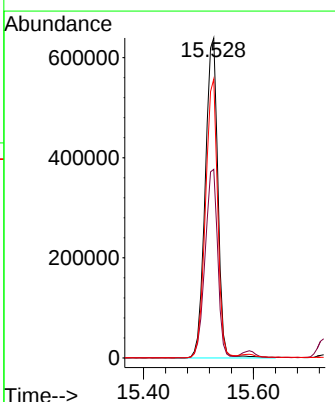
Manual Integrations
APPROVED
 Reviewed By :Yogesh Patel 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024

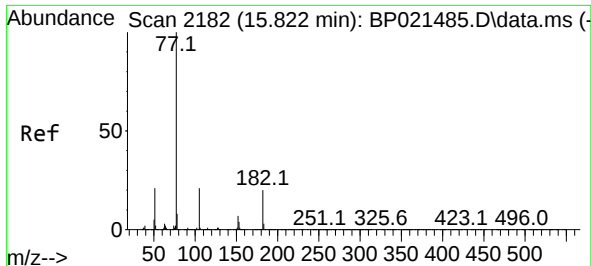


#62
 4-Nitroaniline
 Concen: 53.376 ng
 RT: 15.528 min Scan# 2132
 Delta R.T. -0.000 min
 Lab File: BP021568.D
 Acq: 20 Aug 2024 11:31

Tgt Ion: 138 Resp: 1019125

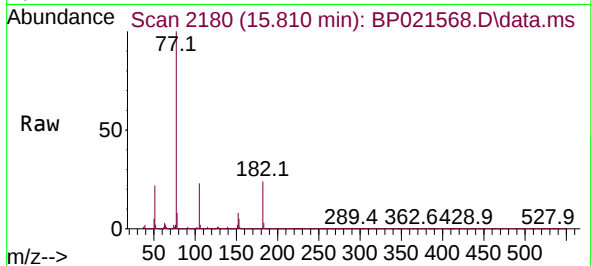
Ion	Ratio	Lower	Upper
138	100		
92	59.0	46.4	86.4
108	87.2	73.2	113.2





#63
Azobenzene
Concen: 41.754 ng
RT: 15.810 min Scan# 2182
Delta R.T. -0.012 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

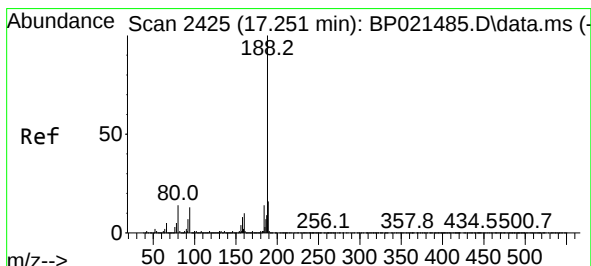
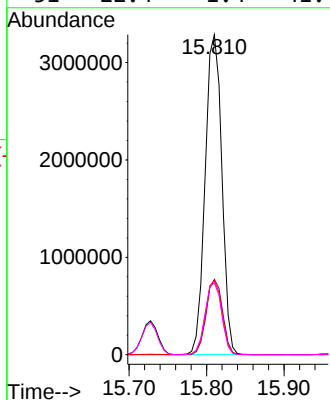
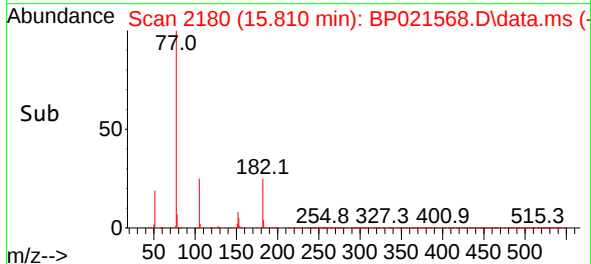
Instrument :
BNA_P
ClientSampleId :
PB162822BS



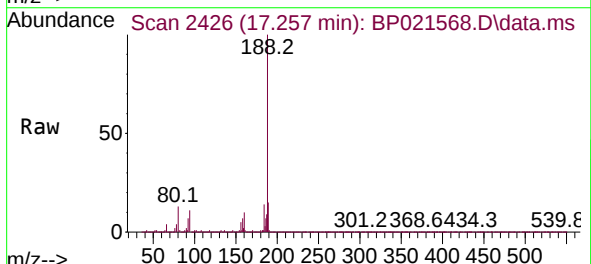
Tgt Ion: 77 Resp: 4900000
Ion Ratio Lower Upper
77 100
182 23.6 0.0 39.9
105 23.1 0.9 40.9
51 22.4 1.4 41.4

Manual Integrations
APPROVED

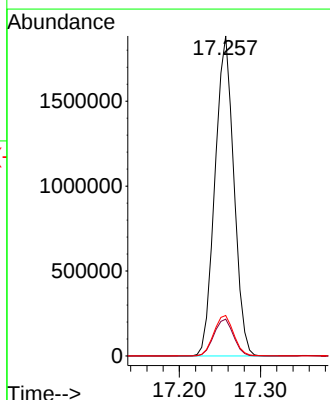
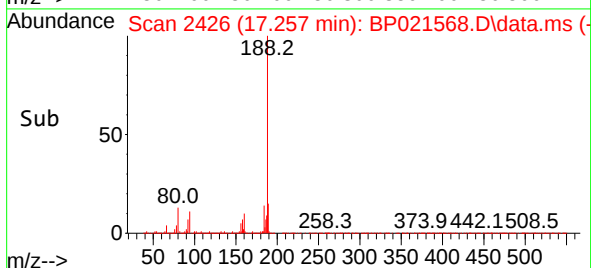
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

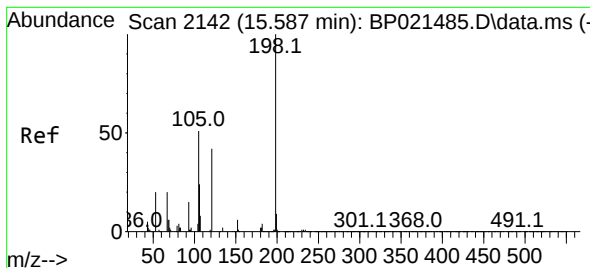


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.257 min Scan# 2426
Delta R.T. 0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31



Tgt Ion:188 Resp: 3038381
Ion Ratio Lower Upper
188 100
94 11.5 10.2 15.4
80 12.7 11.6 17.4





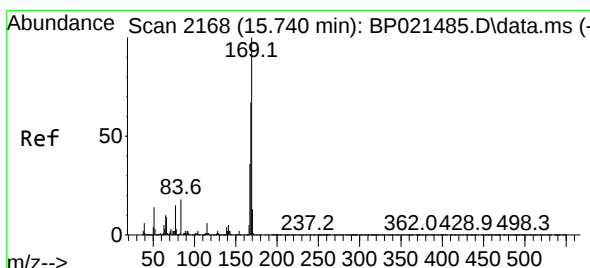
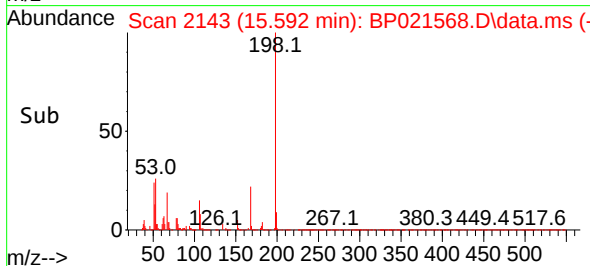
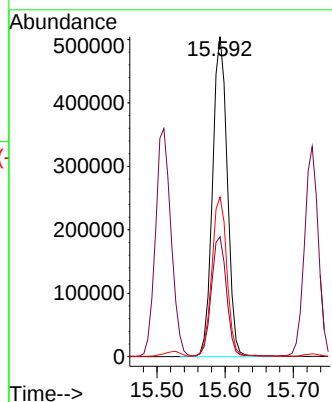
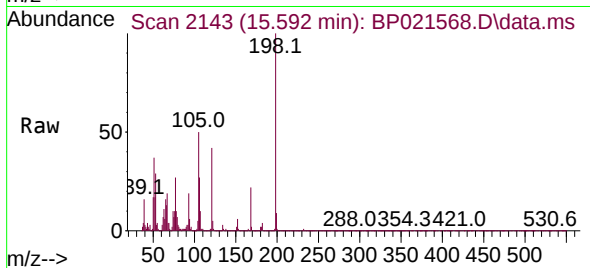
#65
4,6-Dinitro-2-methylphenol
Concen: 70.607 ng
RT: 15.592 min Scan# 2142
Delta R.T. 0.005 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :
BNA_P
ClientSampleId :
PB162822BS

Tgt Ion:198 Resp: 760962
Ion Ratio Lower Upper
198 100
51 37.4 21.5 61.5
105 49.9 32.9 72.9

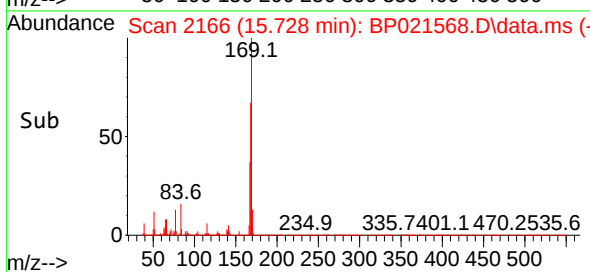
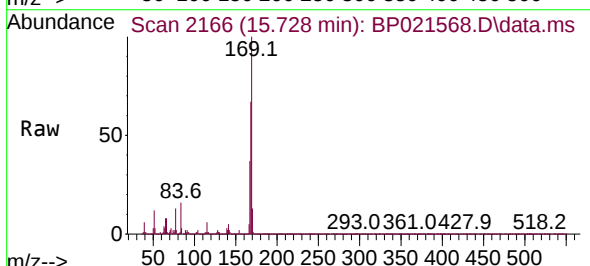
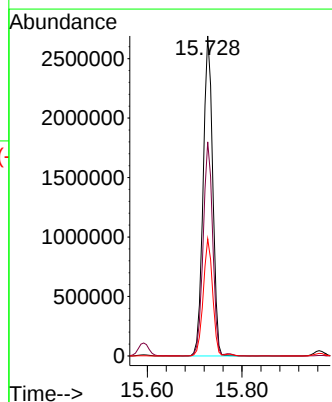
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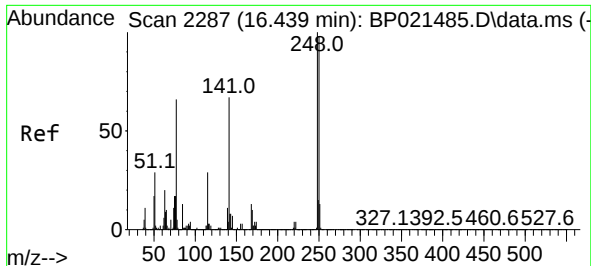
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#66
n-Nitrosodiphenylamine
Concen: 46.195 ng
RT: 15.728 min Scan# 2166
Delta R.T. -0.012 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Tgt Ion:169 Resp: 3761401
Ion Ratio Lower Upper
169 100
168 66.9 53.4 80.2
167 36.6 28.7 43.1





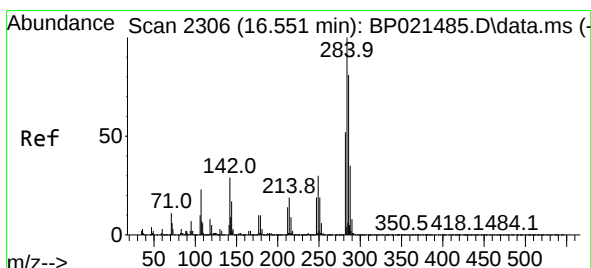
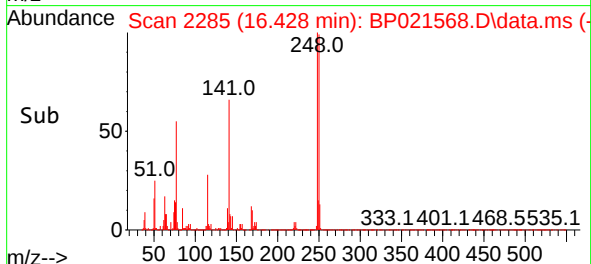
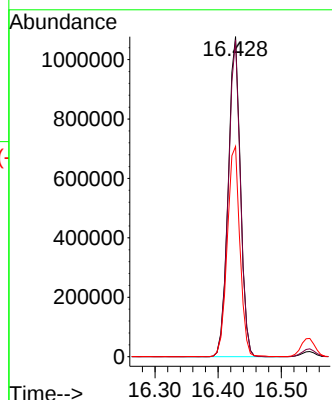
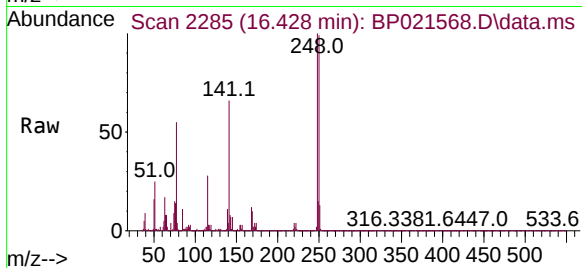
#67
4-Bromophenyl-phenylether
Concen: 44.989 ng
RT: 16.428 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :
BNA_P
ClientSampleId :
PB162822BS

Tgt Ion:248 Resp: 144672
Ion Ratio Lower Upper
248 100
250 99.0 78.6 117.8
141 65.7 53.9 80.9

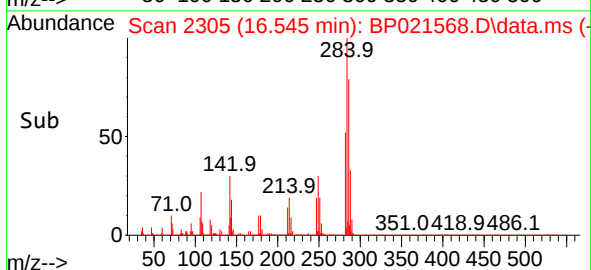
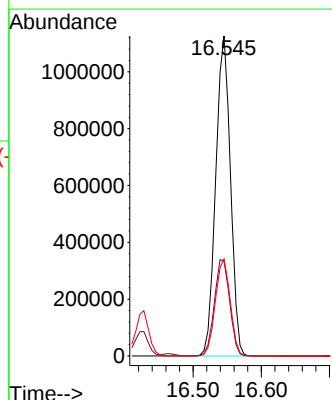
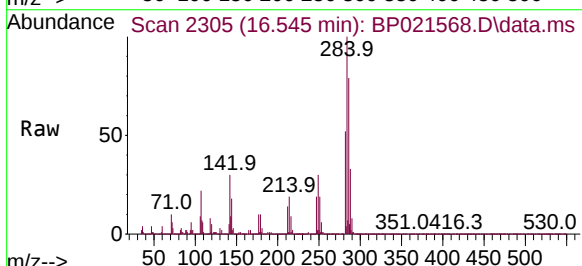
Manual Integrations
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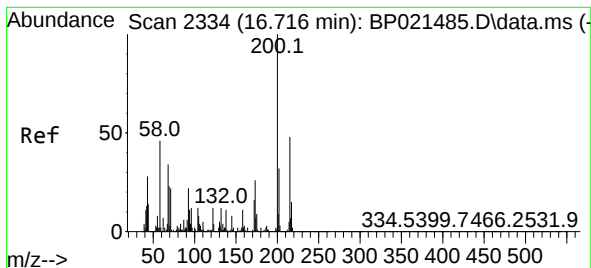
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#68
Hexachlorobenzene
Concen: 44.464 ng
RT: 16.545 min Scan# 2305
Delta R.T. -0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Tgt Ion:284 Resp: 1689715
Ion Ratio Lower Upper
284 100
142 29.6 23.4 35.2
249 30.3 24.1 36.1





#69

Atrazine

Concen: 43.616 ng

RT: 16.710 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PB162822BS

Tgt Ion:200 Resp: 1219298

Ion Ratio Lower Upper

200 100

173 26.3 6.2 46.2

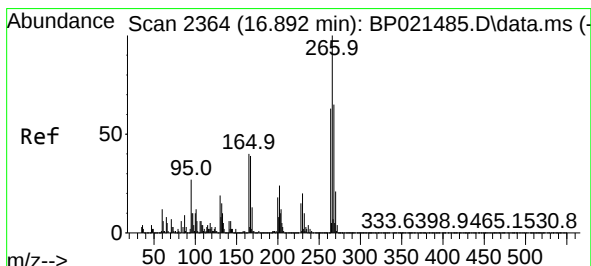
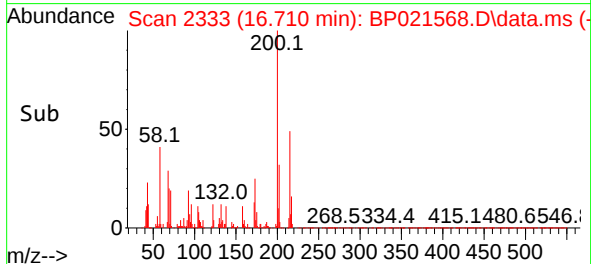
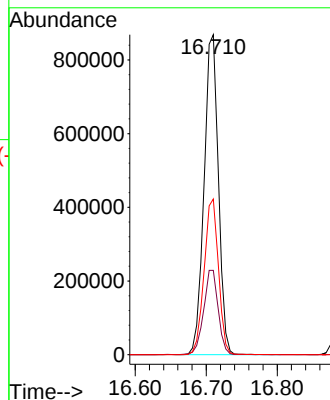
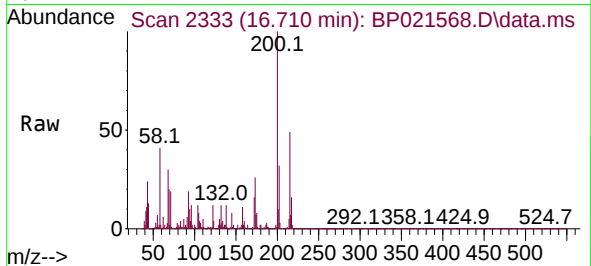
215 48.6 28.4 68.4

Manual Integrations

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Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#70

Pentachlorophenol

Concen: 107.752 ng

RT: 16.898 min Scan# 2365

Delta R.T. 0.006 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

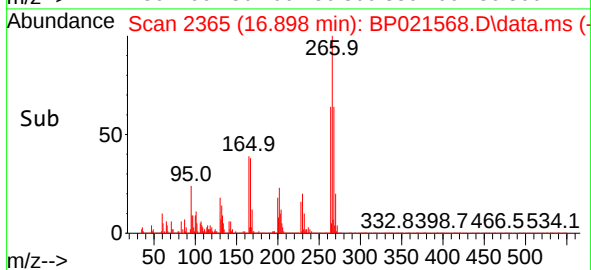
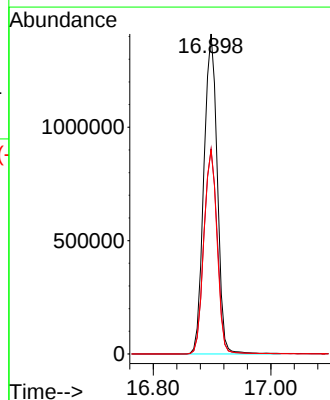
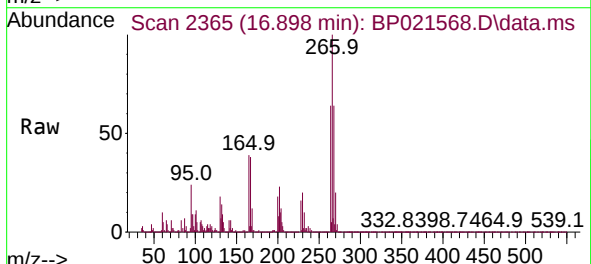
Tgt Ion:266 Resp: 2234935

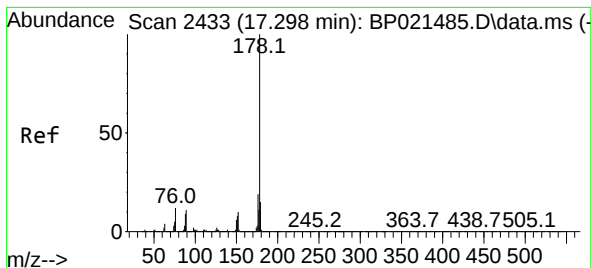
Ion Ratio Lower Upper

266 100

268 64.1 51.8 77.6

264 63.7 50.5 75.7





#71

Phenanthrene

Concen: 46.623 ng

RT: 17.304 min Scan# 2433

Delta R.T. 0.006 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PB162822BS

Tgt Ion:178 Resp: 681269

Ion Ratio Lower Upper

178 100

176 19.1 15.4 23.2

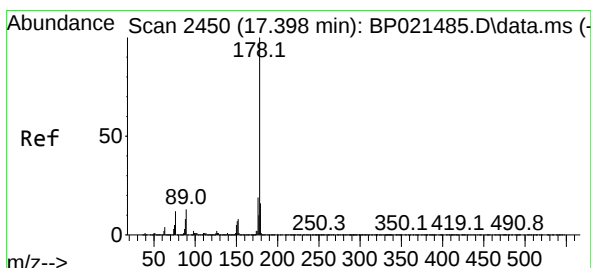
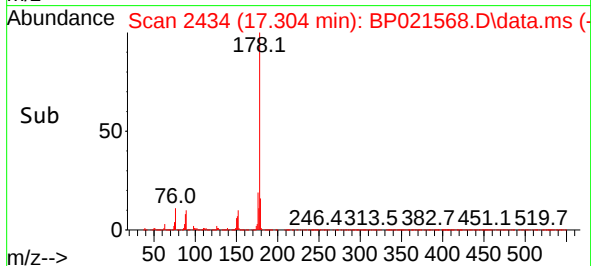
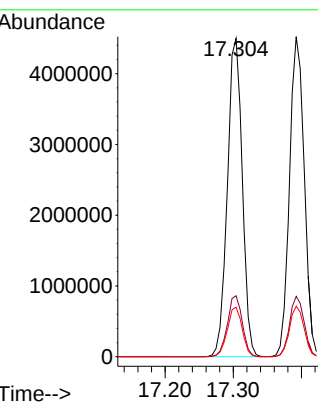
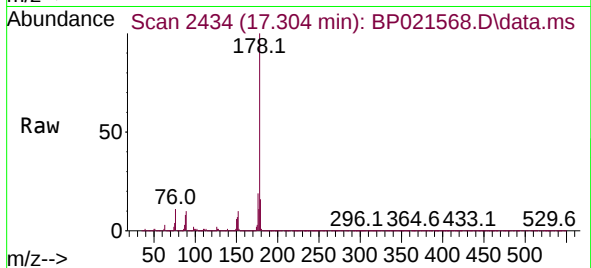
179 15.5 12.4 18.6

Manual Integrations

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Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#72

Anthracene

Concen: 47.550 ng

RT: 17.392 min Scan# 2449

Delta R.T. -0.006 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

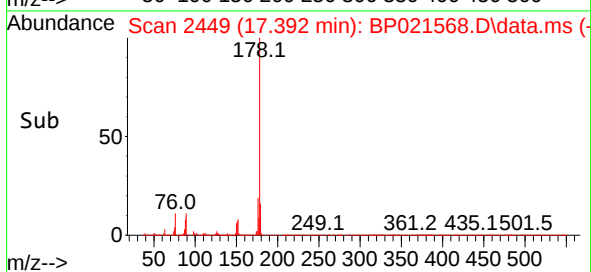
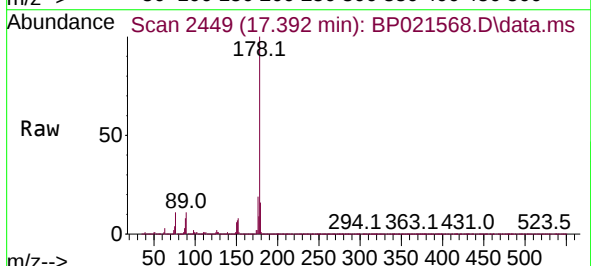
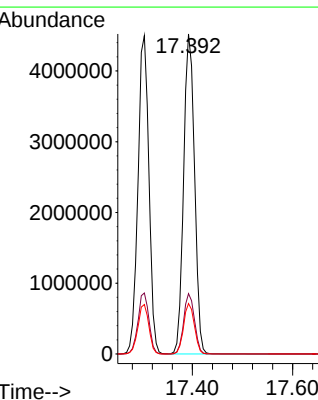
Tgt Ion:178 Resp: 6814116

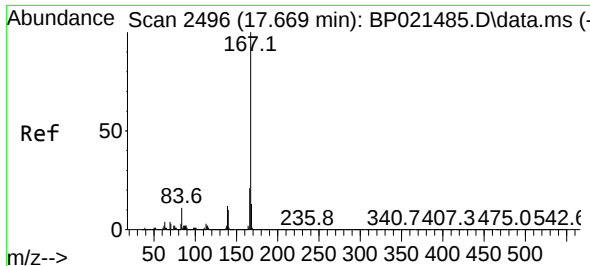
Ion Ratio Lower Upper

178 100

176 18.9 14.9 22.3

179 15.7 12.5 18.7





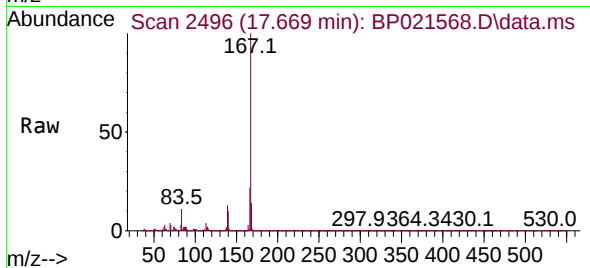
#73
 Carbazole
 Concen: 47.774 ng
 RT: 17.669 min Scan# 2496
 Delta R.T. -0.000 min
 Lab File: BP021568.D
 Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PB162822BS

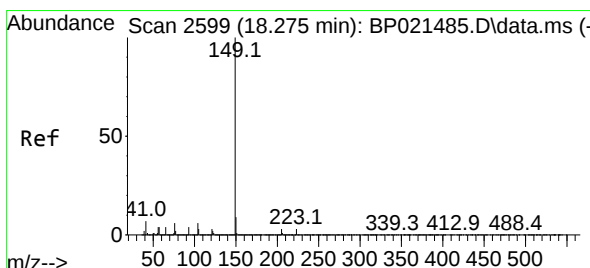
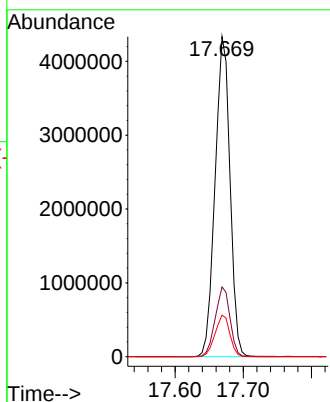
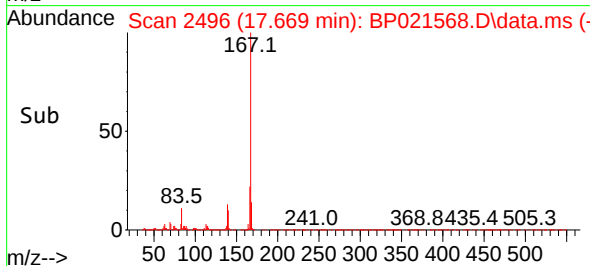


Tgt Ion:167 Resp: 6597878
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.0 25.4
 139 13.0 9.9 14.9

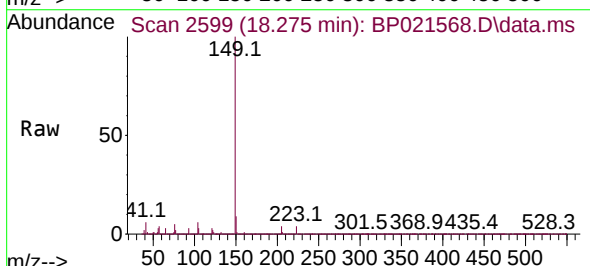
Manual Integrations

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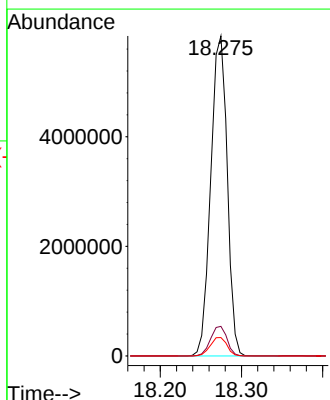
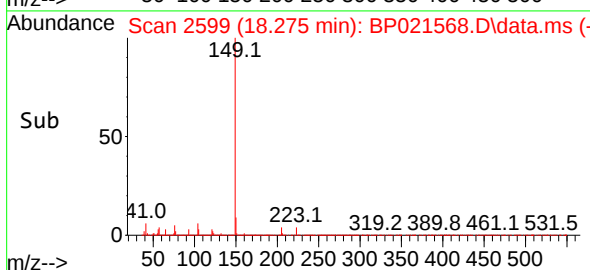
Reviewed By :Yogesh Patel 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024

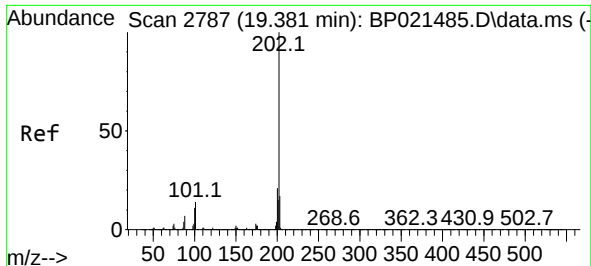


#74
 Di-n-butylphthalate
 Concen: 48.427 ng
 RT: 18.275 min Scan# 2599
 Delta R.T. -0.000 min
 Lab File: BP021568.D
 Acq: 20 Aug 2024 11:31



Tgt Ion:149 Resp: 8213695
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 5.8 4.9 7.3





#75
Fluoranthene
Concen: 46.065 ng
RT: 19.386 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PB162822BS

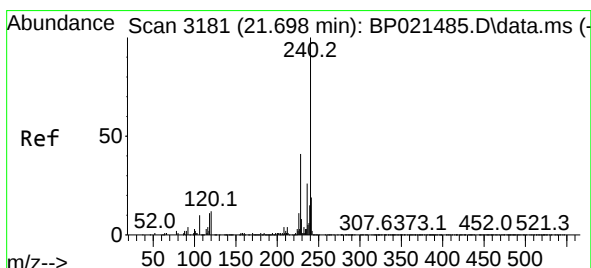
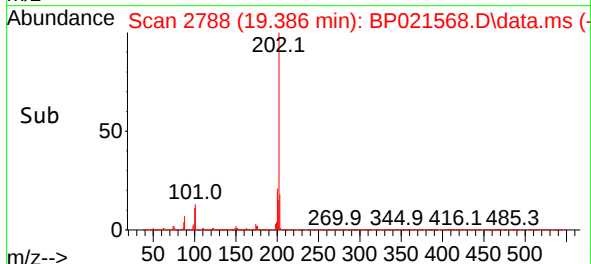
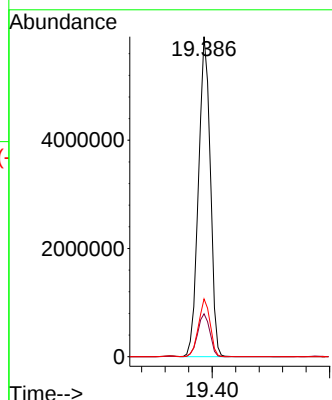
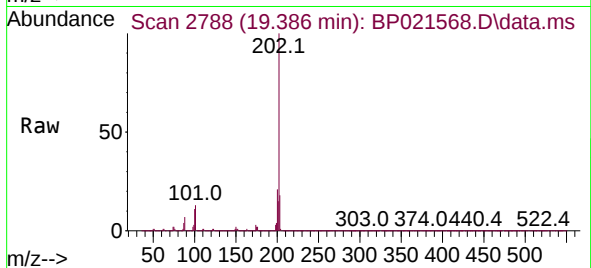
Tgt Ion:202 Resp: 825894
Ion Ratio Lower Upper
202 100
101 13.4 0.0 34.0
203 18.1 0.0 37.5

Manual Integrations

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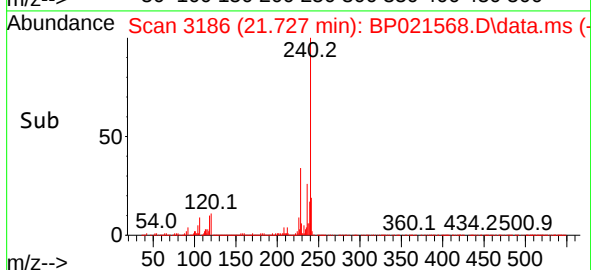
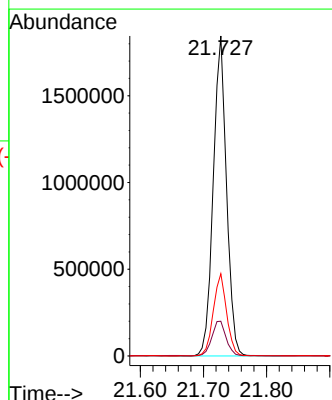
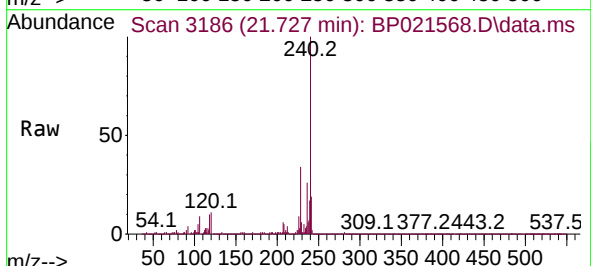
Reviewed By :Yogesh Patel 08/21/2024

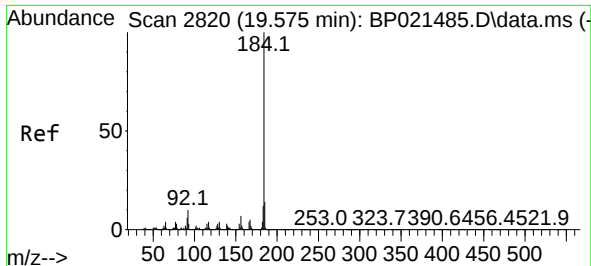
Supervised By :mohammad ahmed 08/22/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.727 min Scan# 3186
Delta R.T. 0.029 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

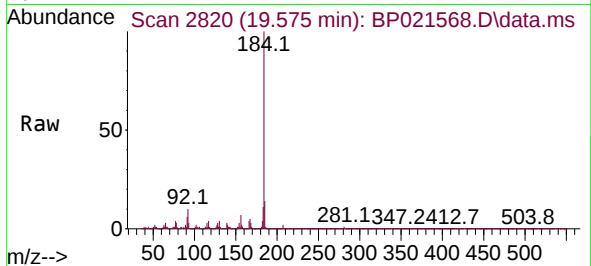
Tgt Ion:240 Resp: 2684396
Ion Ratio Lower Upper
240 100
120 10.9 9.9 14.9
236 25.7 20.6 30.8





#77
Benzidine
Concen: 27.868 ng
RT: 19.575 min Scan# 2820
Delta R.T. -0.000 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31

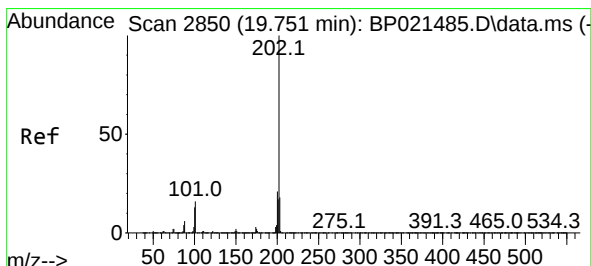
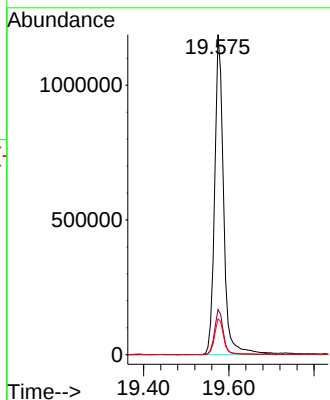
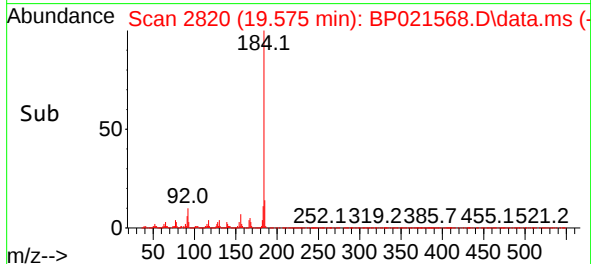
Instrument :
BNA_P
ClientSampleId :
PB162822BS



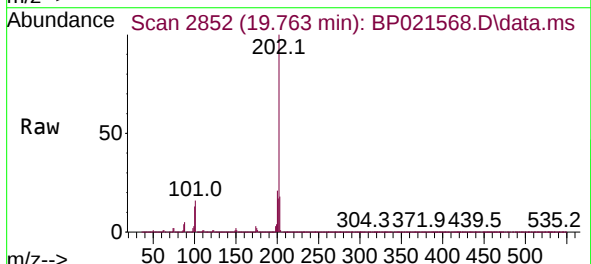
Tgt Ion:184 Resp: 173731
Ion Ratio Lower Upper
184 100
185 14.1 11.4 17.0
183 11.2 9.3 13.9

Manual Integrations
APPROVED

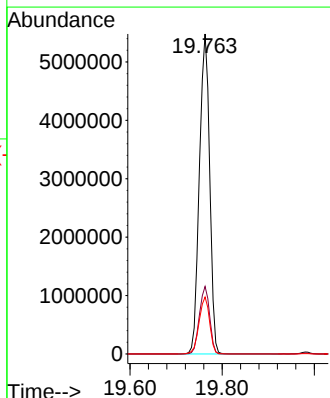
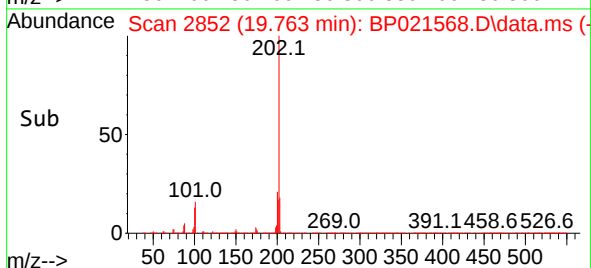
Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

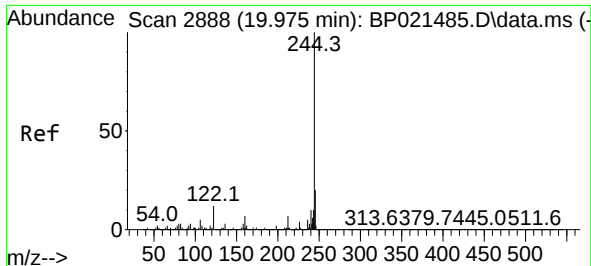


#78
Pyrene
Concen: 48.494 ng
RT: 19.763 min Scan# 2852
Delta R.T. 0.012 min
Lab File: BP021568.D
Acq: 20 Aug 2024 11:31



Tgt Ion:202 Resp: 8508675
Ion Ratio Lower Upper
202 100
200 21.1 16.7 25.1
203 17.8 14.1 21.1





#79
 Terphenyl-d14
 Concen: 85.222 ng
 RT: 19.980 min Scan# 21
 Delta R.T. 0.005 min
 Lab File: BP021568.D
 Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

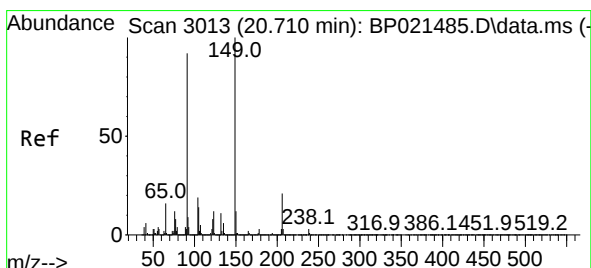
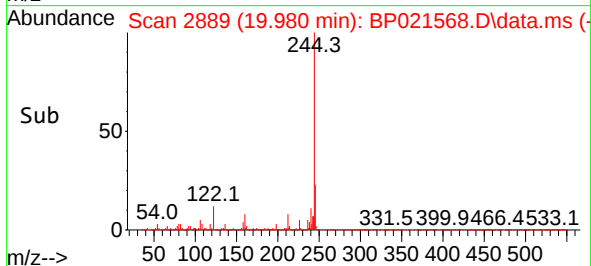
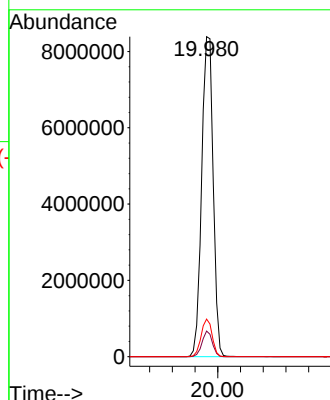
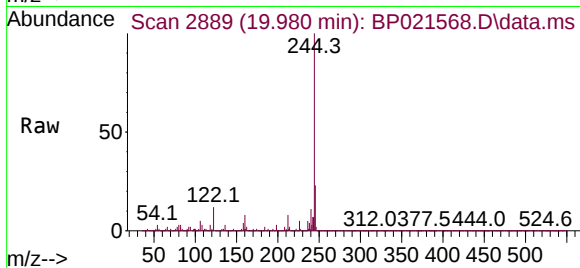
PB162822BS

Tgt Ion:244 Resp:11775634
 Ion Ratio Lower Upper
 244 100
 212 8.0 5.6 8.4
 122 11.8 9.4 14.2

Manual Integrations

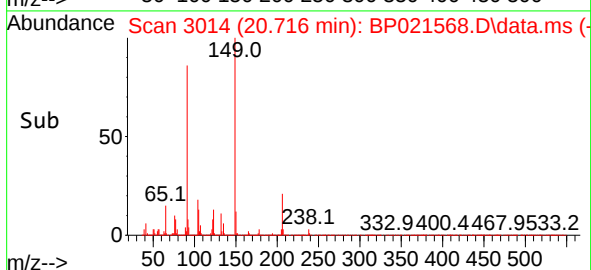
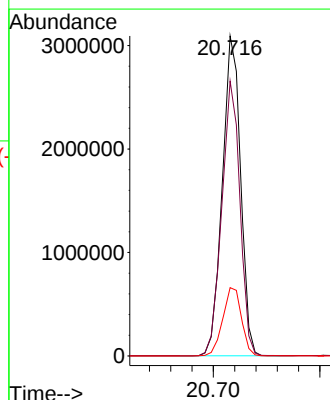
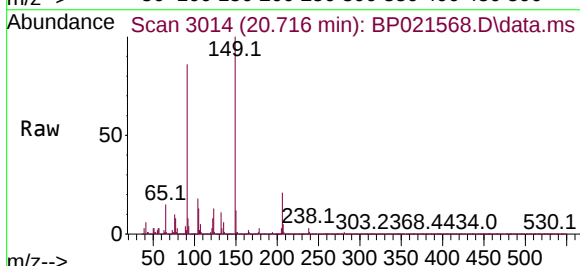
APPROVED

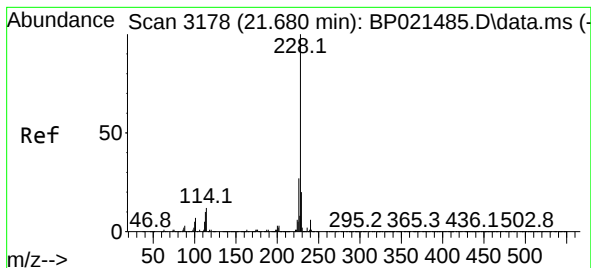
Reviewed By :Yogesh Patel 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024



#80
 Butylbenzylphthalate
 Concen: 54.638 ng
 RT: 20.716 min Scan# 3014
 Delta R.T. 0.006 min
 Lab File: BP021568.D
 Acq: 20 Aug 2024 11:31

Tgt Ion:149 Resp: 3674312
 Ion Ratio Lower Upper
 149 100
 91 85.9 73.3 109.9
 206 21.4 17.1 25.7





#81

Benzo(a)anthracene

Concen: 47.864 ng

RT: 21.704 min Scan# 3178

Delta R.T. 0.023 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

Instrument :

BNP_P

ClientSampleId :

PB162822BS

Tgt Ion:228 Resp: 8065910

Ion Ratio Lower Upper

228 100

226 27.6 21.4 32.2

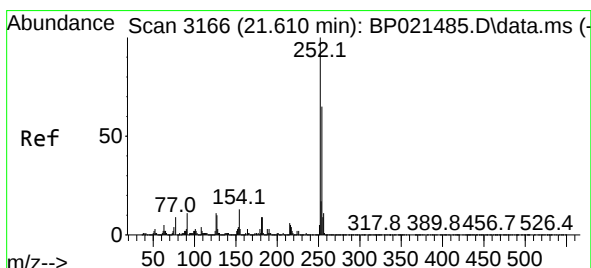
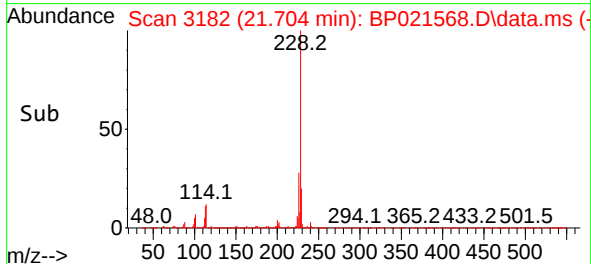
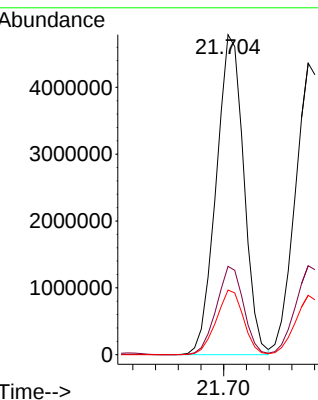
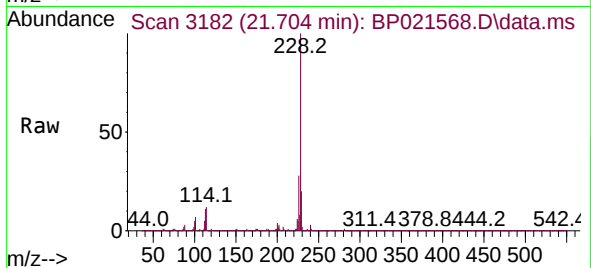
229 20.2 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#82

3,3'-Dichlorobenzidine

Concen: 44.152 ng

RT: 21.621 min Scan# 3168

Delta R.T. 0.012 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

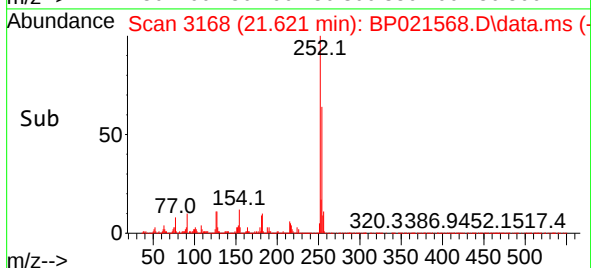
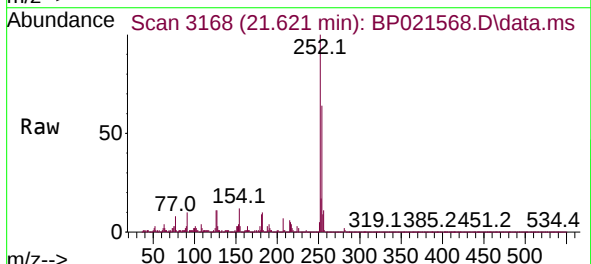
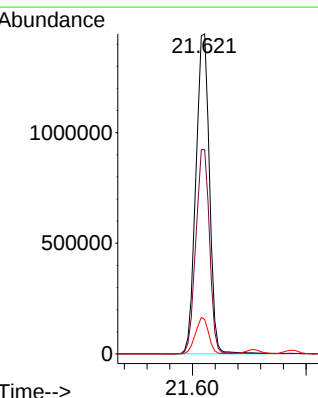
Tgt Ion:252 Resp: 2385563

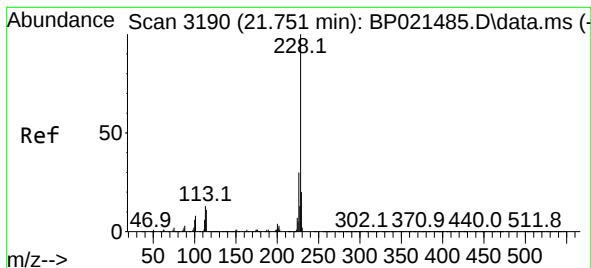
Ion Ratio Lower Upper

252 100

254 63.8 51.7 77.5

126 10.8 8.7 13.1





#83

Chrysene

Concen: 48.009 ng

RT: 21.774 min Scan# 3190

Delta R.T. 0.023 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PB162822BS

Tgt Ion:228 Resp: 7638418

Ion Ratio Lower Upper

228 100

226 30.5 23.9 35.9

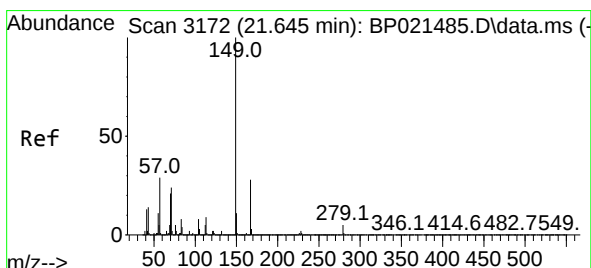
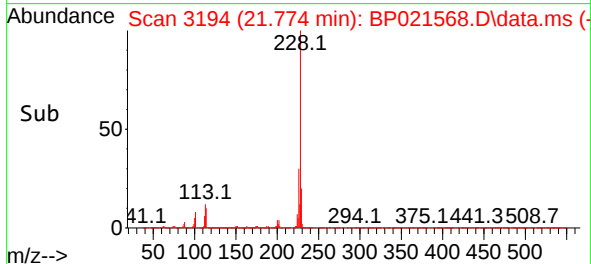
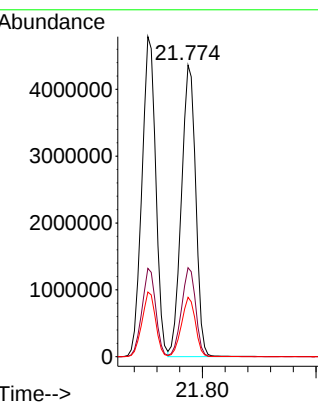
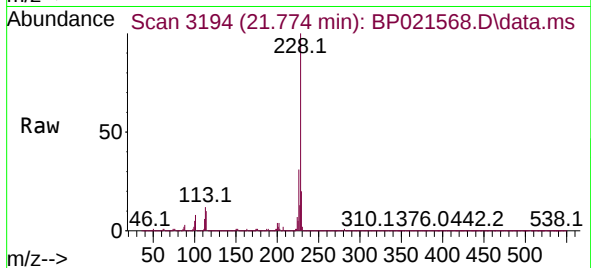
229 20.3 15.8 23.6

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 54.182 ng

RT: 21.657 min Scan# 3174

Delta R.T. 0.012 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

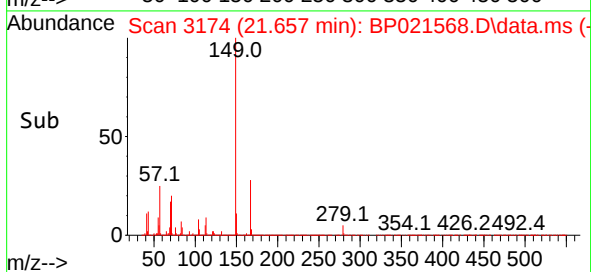
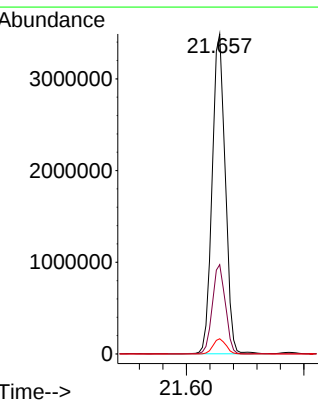
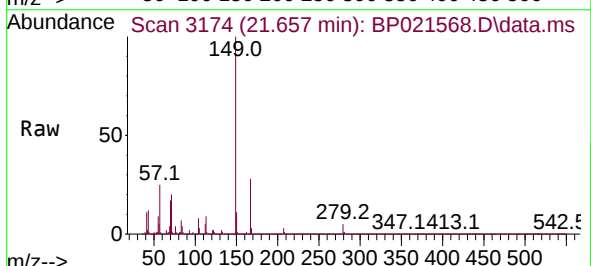
Tgt Ion:149 Resp: 5396475

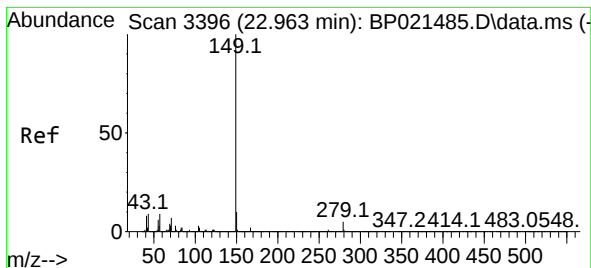
Ion Ratio Lower Upper

149 100

167 27.9 22.3 33.5

279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 52.766 ng

RT: 22.980 min Scan# 31

Delta R.T. 0.017 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PB162822BS

Tgt Ion:149 Resp: 9325220

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

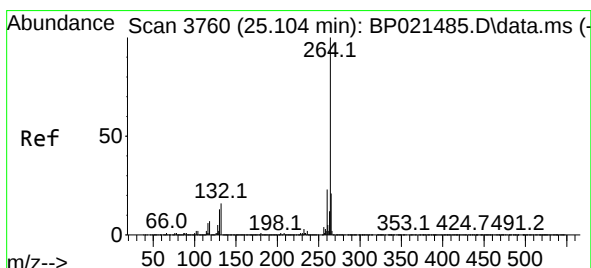
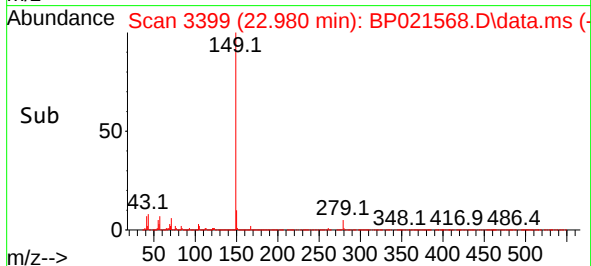
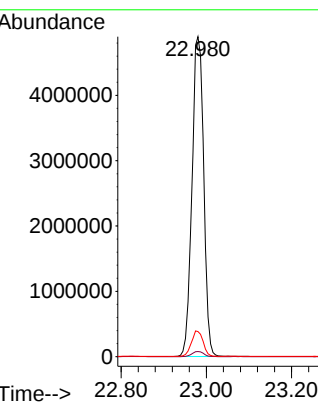
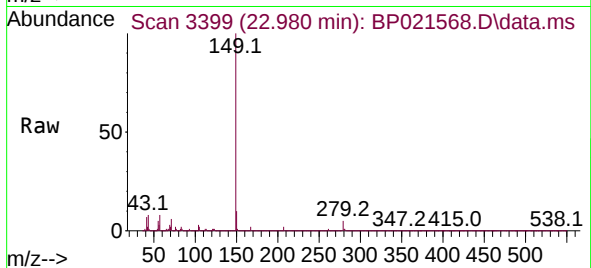
43 7.9 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.168 min Scan# 3771

Delta R.T. 0.065 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

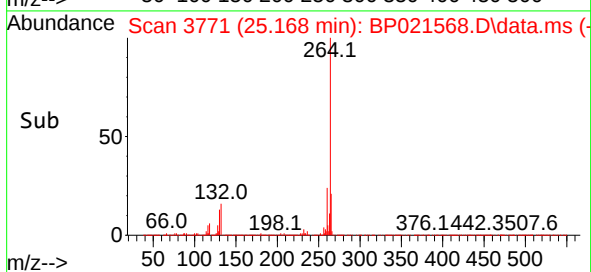
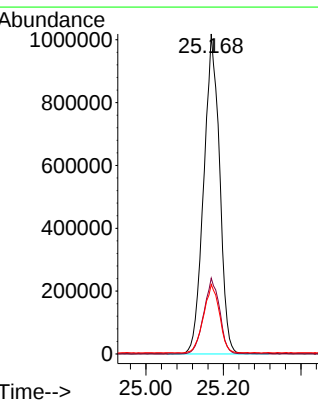
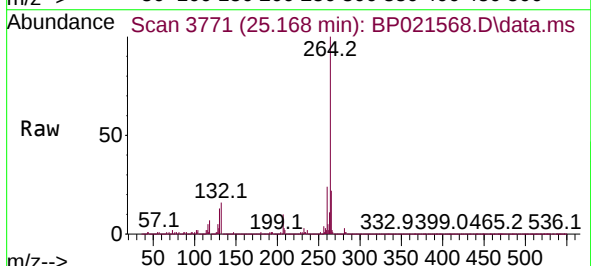
Tgt Ion:264 Resp: 2880701

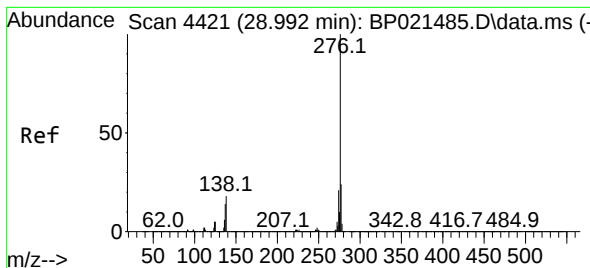
Ion Ratio Lower Upper

264 100

260 23.7 18.6 28.0

265 21.7 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.182 ng m

RT: 29.092 min Scan# 4421

Delta R.T. 0.100 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PB162822BS

Tgt Ion:276 Resp:10117374

Ion Ratio Lower Upper

276 100

138 16.4 12.8 19.2

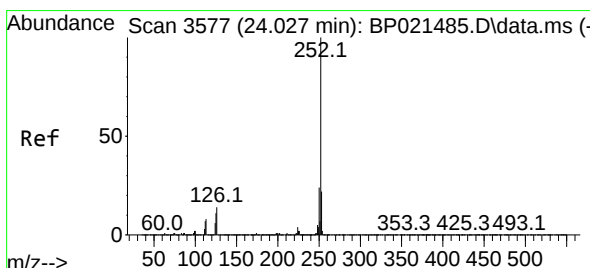
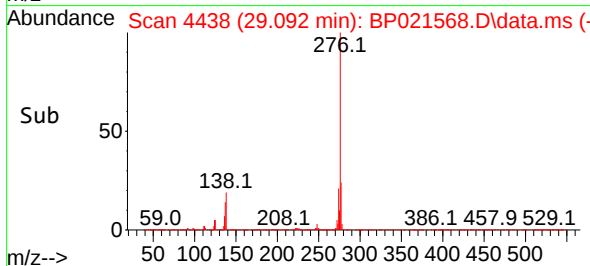
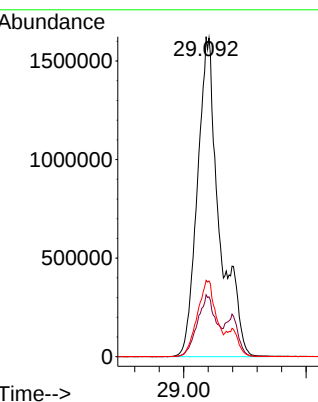
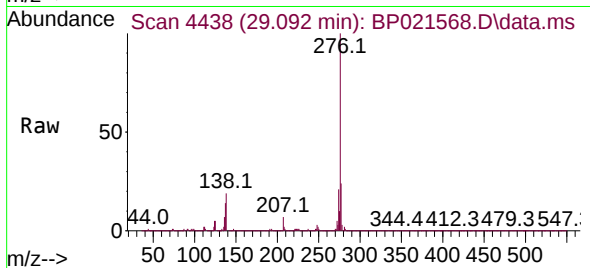
277 20.3 16.5 24.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#88

Benzo(b)fluoranthene

Concen: 51.707 ng

RT: 24.086 min Scan# 3587

Delta R.T. 0.059 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

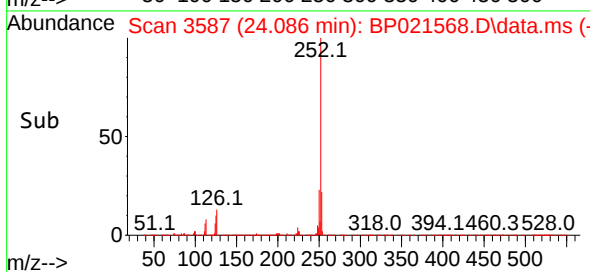
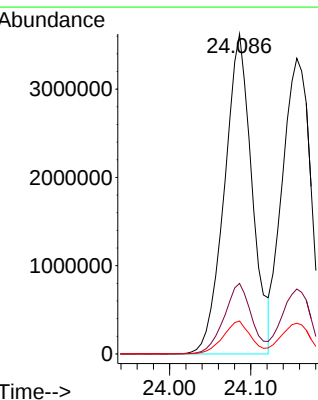
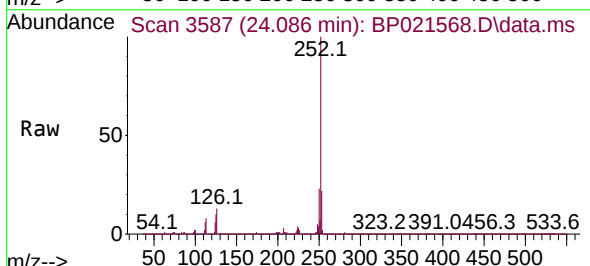
Tgt Ion:252 Resp: 8554644

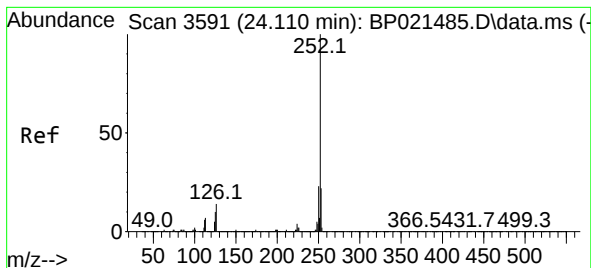
Ion Ratio Lower Upper

252 100

253 22.0 17.6 26.4

125 10.3 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 50.415 ng

RT: 24.157 min Scan# 31

Delta R.T. 0.047 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PB162822BS

Tgt Ion:252 Resp: 8136624

Ion Ratio Lower Upper

252 100

253 22.0 17.5 26.3

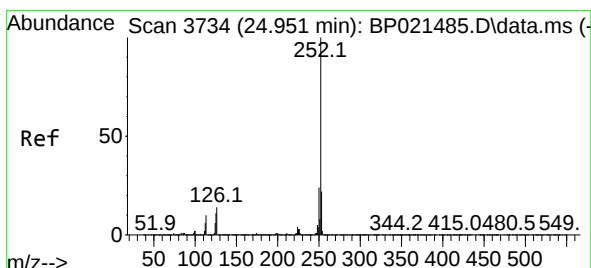
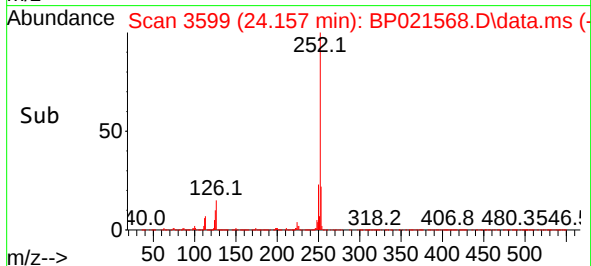
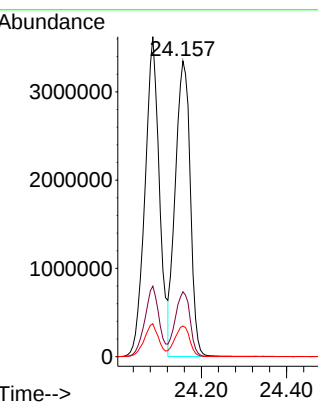
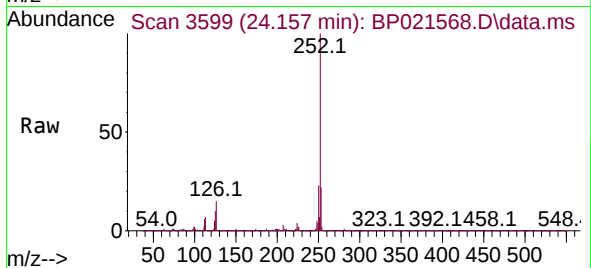
125 10.4 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#90

Benzo(a)pyrene

Concen: 54.347 ng

RT: 25.010 min Scan# 3744

Delta R.T. 0.059 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

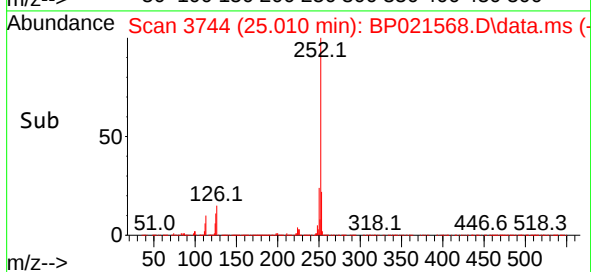
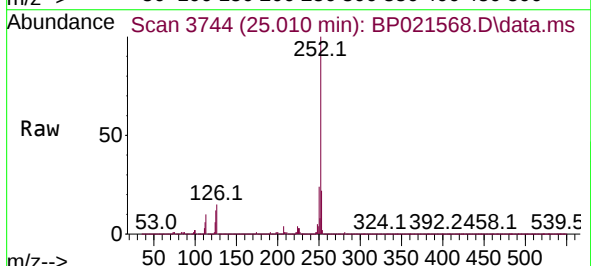
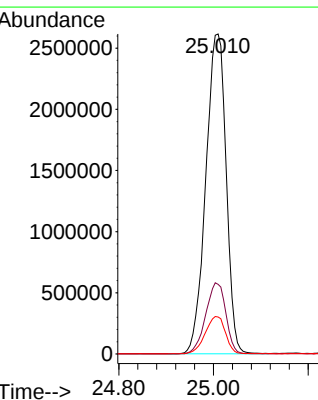
Tgt Ion:252 Resp: 7802789

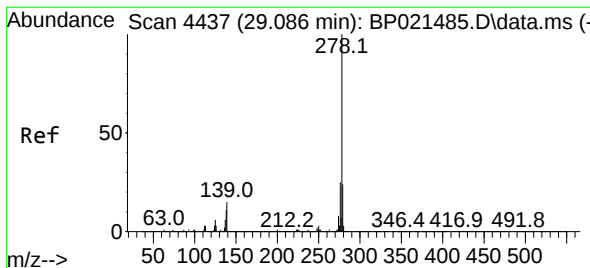
Ion Ratio Lower Upper

252 100

253 21.8 17.7 26.5

125 11.6 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 53.260 ng

RT: 29.198 min Scan# 4437

Delta R.T. 0.112 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

Instrument :

BNA_P

ClientSampleId :

PB162822BS

Tgt Ion:278 Resp: 826341

Ion Ratio Lower Upper

278 100

139 15.9 12.2 18.4

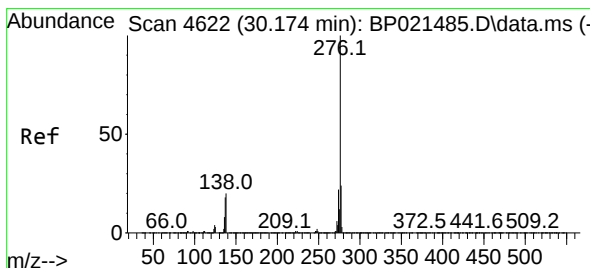
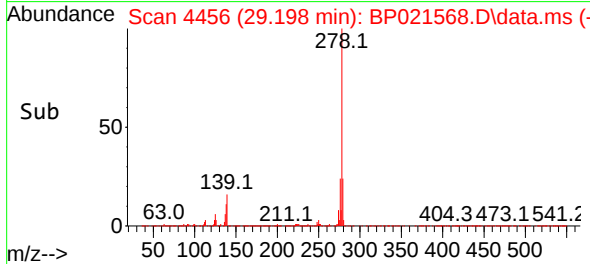
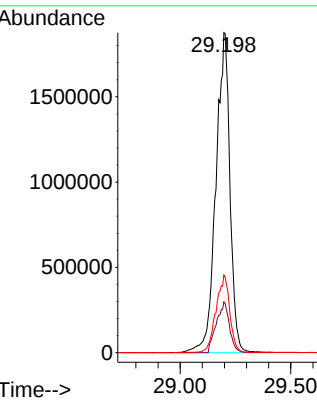
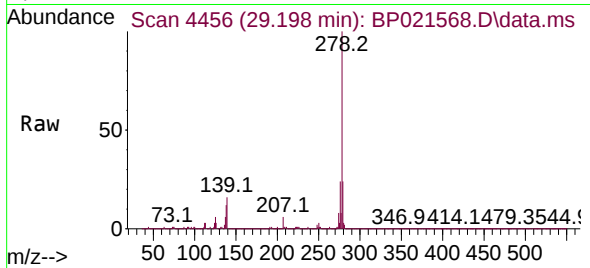
279 24.2 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Yogesh Patel 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#92

Benzo(g,h,i)perylene

Concen: 51.350 ng

RT: 30.303 min Scan# 4644

Delta R.T. 0.129 min

Lab File: BP021568.D

Acq: 20 Aug 2024 11:31

Tgt Ion:276 Resp: 7985298

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 19.8 16.0 24.0

