

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
 Data File : BP021558.D
 Acq On : 19 Aug 2024 18:10
 Operator : RC/JU
 Sample : P3518-15MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-08-080724MSD

Manual Integrations
 APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024

Quant Time: Aug 19 18:42:50 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	7.804	152	341396	20.000	ng	0.00
21) Naphthalene-d8	10.598	136	1418891	20.000	ng	0.00
39) Acenaphthene-d10	14.451	164	927420	20.000	ng	0.00
64) Phenanthrene-d10	17.251	188	1948663	20.000	ng	0.00
76) Chrysene-d12	21.704	240	1729550	20.000	ng	0.00
86) Perylene-d12	25.133	264	2112740	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	2229483	96.969	ng	0.00
7) Phenol-d6	6.969	99	3231905	96.361	ng	0.00
23) Nitrobenzene-d5	8.951	82	1848624	67.247	ng	0.00
42) 2,4,6-Tribromophenol	15.957	330	1055737	102.282	ng	-0.01
45) 2-Fluorobiphenyl	13.057	172	2822547	46.448	ng	0.00
79) Terphenyl-d14	19.963	244	4013517	45.082	ng	-0.01
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.316	88	423441	38.842	ng	99
3) Pyridine	3.711	79	1256823	41.297	ng	97
4) n-Nitrosodimethylamine	3.616	42	453221	49.546	ng	93
6) Aniline	7.128	93	1373319	40.958	ng	98
8) 2-Chlorophenol	7.375	128	1343784	63.245	ng	94
9) Benzaldehyde	6.946	77	75143m	3.499	ng	
10) Phenol	6.999	94	2008298	57.824	ng	96
11) bis(2-Chloroethyl)ether	7.228	93	1526489	51.942	ng	94
12) 1,3-Dichlorobenzene	7.699	146	1335943	52.934	ng	96
13) 1,4-Dichlorobenzene	7.840	146	1365782	53.592	ng	98
14) 1,2-Dichlorobenzene	8.157	146	1313298	53.475	ng	99
15) Benzyl Alcohol	8.040	79	1359091	56.476	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1401981	51.803	ng	97
17) 2-Methylphenol	8.240	107	1295979	59.024	ng	98
18) Hexachloroethane	8.887	117	553001	54.113	ng	98
19) n-Nitroso-di-n-propyla...	8.610	70	1062385	45.855	ng	96
20) 3+4-Methylphenols	8.563	107	1785354	60.304	ng	98
22) Acetophenone	8.622	105	2054237	47.126	ng	# 98
24) Nitrobenzene	8.993	77	1619309	54.236	ng	93
25) Isophorone	9.522	82	3159768	48.654	ng	98
26) 2-Nitrophenol	9.704	139	658225	70.168	ng	94
27) 2,4-Dimethylphenol	9.763	122	1017210	63.468	ng	97
28) bis(2-Chloroethoxy)met...	9.998	93	2004819	50.573	ng	100
29) 2,4-Dichlorophenol	10.240	162	1256195	66.337	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	1299402	53.522	ng	98
31) Naphthalene	10.645	128	3953536	53.337	ng	100
32) Benzoic acid	9.904	122	937018	73.293	ng	93
33) 4-Chloroaniline	10.745	127	908377	32.625	ng	96
34) Hexachlorobutadiene	10.940	225	778243	50.911	ng	99
35) Caprolactam	11.528	113	453497	57.535	ng	92
36) 4-Chloro-3-methylphenol	11.875	107	1622780	61.777	ng	95
37) 2-Methylnaphthalene	12.257	142	2729740	53.959	ng	99
38) 1-Methylnaphthalene	12.475	142	2551226	51.133	ng	100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1370642	50.440	ng	100
41) Hexachlorocyclopentadiene	12.610	237	1032666	119.906	ng	98
43) 2,4,6-Trichlorophenol	12.869	196	1029467	68.201	ng	100

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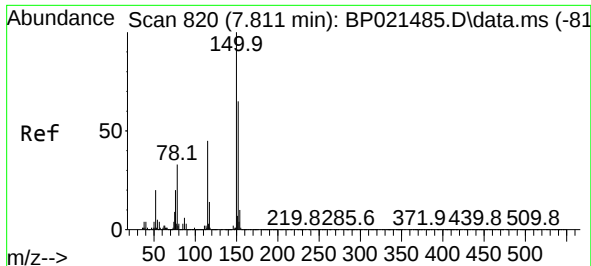
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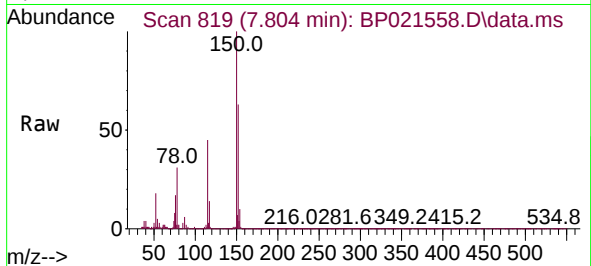
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.939	196	1101921	65.705	ng	96
46) 1,1'-Biphenyl	13.275	154	3248756	49.512	ng	98
47) 2-Chloronaphthalene	13.310	162	2758596	54.001	ng	98
48) 2-Nitroaniline	13.510	65	937369	63.597	ng	# 86
49) Acenaphthylene	14.169	152	4520215	60.192	ng	100
50) Dimethylphthalate	13.898	163	3429273	55.215	ng	100
51) 2,6-Dinitrotoluene	14.010	165	755825	59.297	ng	93
52) Acenaphthene	14.510	154	2914459m	59.149	ng	
53) 3-Nitroaniline	14.339	138	670760	53.919	ng	# 91
54) 2,4-Dinitrophenol	14.551	184	602669	113.047	ng	# 88
55) Dibenzofuran	14.857	168	4207878	55.514	ng	99
56) 4-Nitrophenol	14.657	139	1398040	132.186	ng	87
57) 2,4-Dinitrotoluene	14.810	165	1065253	64.871	ng	87
58) Fluorene	15.510	166	3268239	52.485	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.086	232	987704	69.387	ng	99
60) Diethylphthalate	15.286	149	3470169	54.455	ng	99
61) 4-Chlorophenyl-phenyle...	15.510	204	1663970	51.695	ng	98
62) 4-Nitroaniline	15.522	138	774219	60.342	ng	91
63) Azobenzene	15.804	77	3848772	49.133	ng	96
65) 4,6-Dinitro-2-methylph...	15.586	198	442112	66.054	ng	97
66) n-Nitrosodiphenylamine	15.722	169	2919075	55.898	ng	100
67) 4-Bromophenyl-phenylether	16.422	248	1132487	54.912	ng	99
68) Hexachlorobenzene	16.539	284	1304837	53.537	ng	99
69) Atrazine	16.698	200	999137	55.727	ng	99
70) Pentachlorophenol	16.892	266	1698108	127.653	ng	100
71) Phenanthrene	17.292	178	5406771	57.693	ng	99
72) Anthracene	17.386	178	5375410	58.486	ng	100
73) Carbazole	17.663	167	5034035	56.834	ng	99
74) Di-n-butylphthalate	18.257	149	6194834	56.948	ng	99
75) Fluoranthene	19.374	202	6593442	57.341	ng	99
77) Benzidine	19.563	184	2292245	60.346	ng	100
78) Pyrene	19.751	202	6744339	59.660	ng	100
80) Butylbenzylphthalate	20.698	149	2768683	63.290	ng	96
81) Benzo(a)anthracene	21.680	228	6449455	59.401	ng	100
82) 3,3'-Dichlorobenzidine	21.598	252	1997939	57.393	ng	100
83) Chrysene	21.745	228	6078651	59.298	ng	100
84) Bis(2-ethylhexyl)phtha...	21.633	149	4003843	62.393	ng	100
85) Di-n-octyl phthalate	22.951	149	6994994	60.638	ng	97
87) Indeno(1,2,3-cd)pyrene	29.033	276	8446103m	61.673	ng	
88) Benzo(b)fluoranthene	24.051	252	6805486	56.086	ng	99
89) Benzo(k)fluoranthene	24.115	252	6732514	56.878	ng	99
90) Benzo(a)pyrene	24.974	252	6449393	61.249	ng	99
91) Dibenzo(a,h)anthracene	29.139	278	6733467	59.174	ng	100
92) Benzo(g,h,i)perylene	30.274	276	6552048	57.449	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.804 min Scan# 81
Delta R.T. -0.007 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

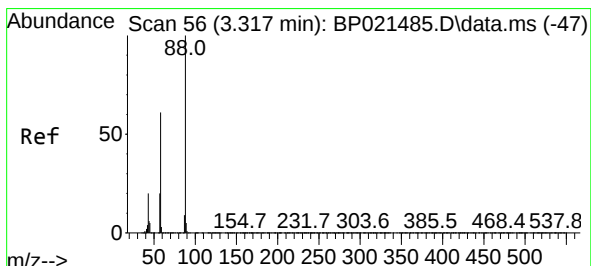
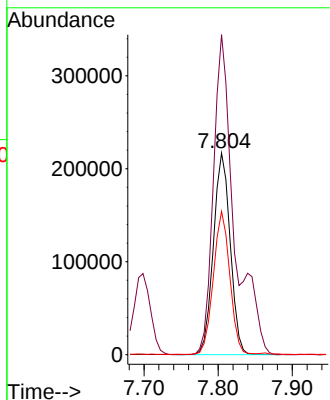
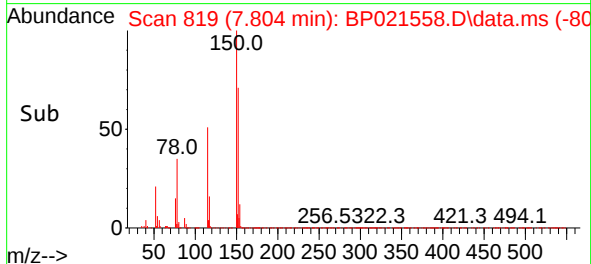
Instrument :
BNA_P
ClientSampleId :
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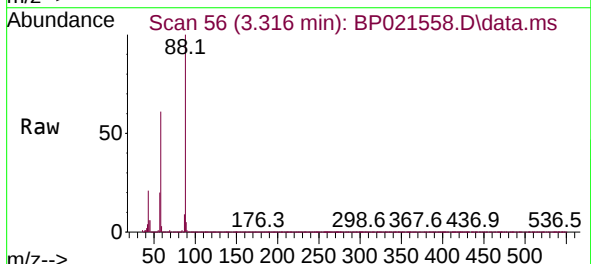
Tgt Ion:152 Resp: 341390
Ion Ratio Lower Upper
152 100
150 158.8 122.4 183.6
115 71.1 54.7 82.1

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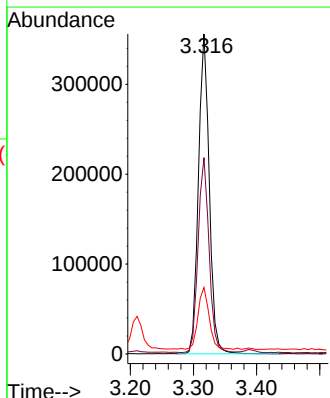
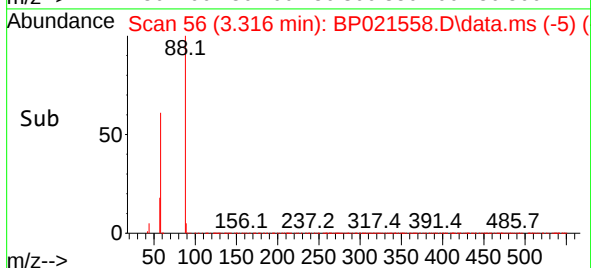
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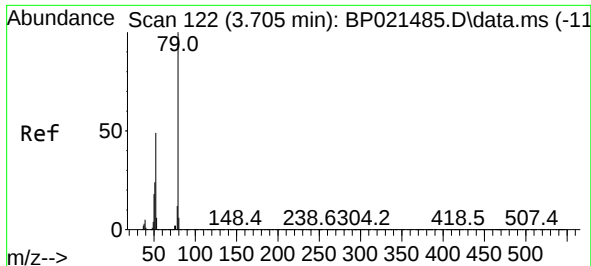


#2
1,4-Dioxane
Concen: 38.842 ng
RT: 3.316 min Scan# 56
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10



Tgt Ion: 88 Resp: 423441
Ion Ratio Lower Upper
88 100
58 61.7 48.7 73.1
43 19.9 15.4 23.2





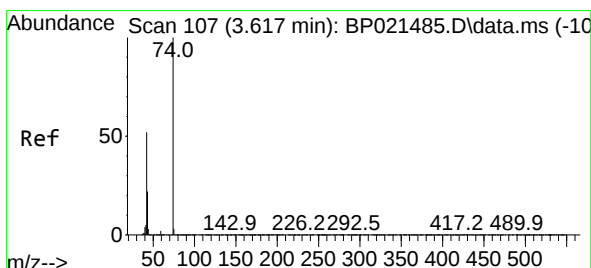
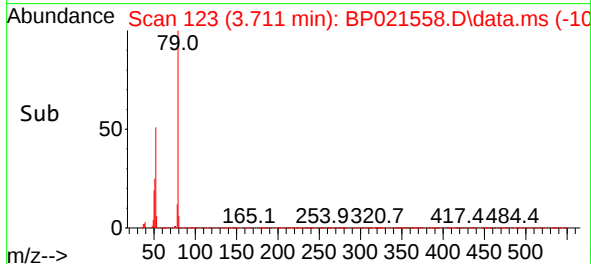
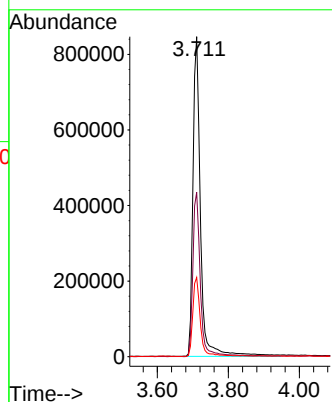
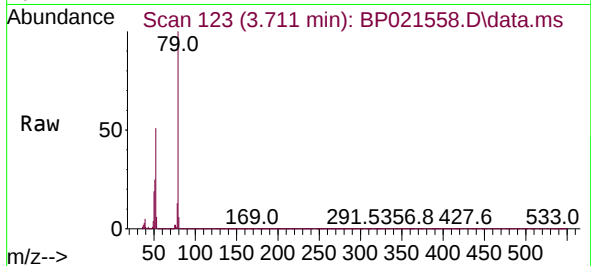
#3
Pyridine
Concen: 41.297 ng
RT: 3.711 min Scan# 122
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

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Tgt Ion: 79 Resp: 125682
Ion Ratio Lower Upper
79 100
52 51.4 39.0 58.6
51 24.7 19.2 28.8

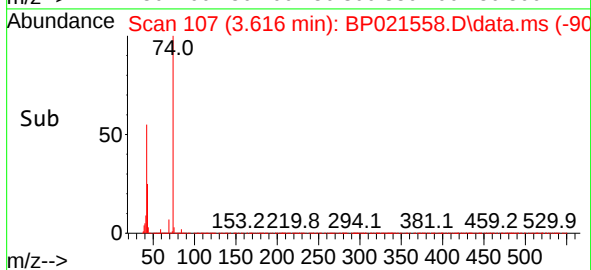
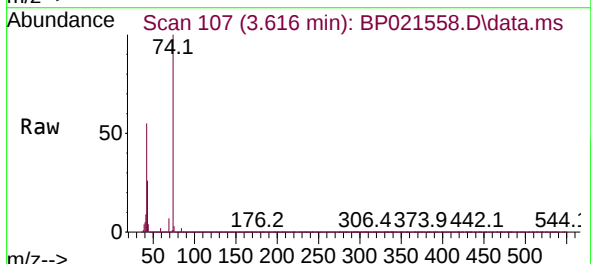
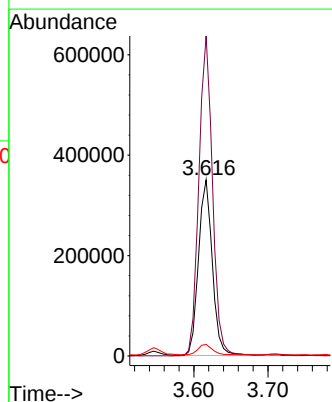
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#4
n-Nitrosodimethylamine
Concen: 49.546 ng
RT: 3.616 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion: 42 Resp: 453221
Ion Ratio Lower Upper
42 100
74 181.6 154.3 231.5
44 6.6 6.2 9.4





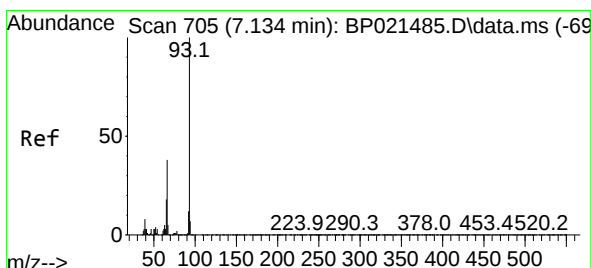
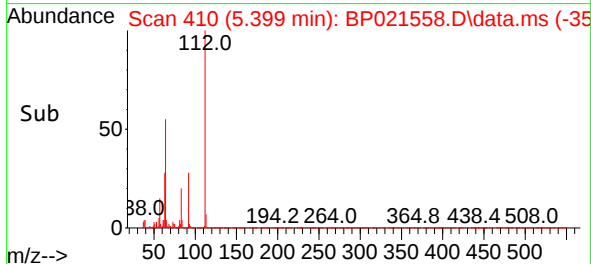
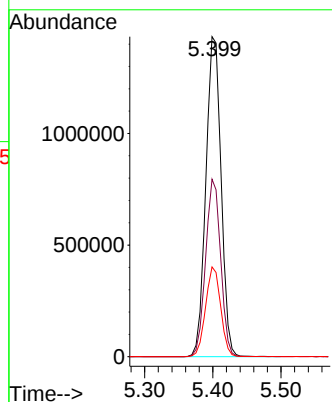
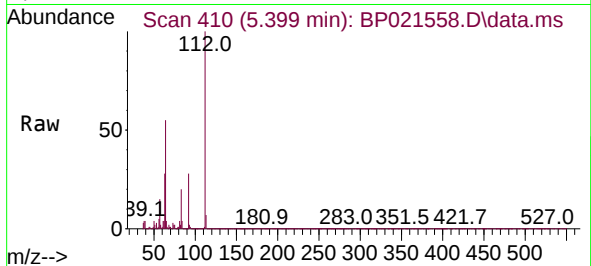
#5
2-Fluorophenol
Concen: 96.969 ng
RT: 5.399 min Scan# 411
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

Tgt Ion:112 Resp: 222948
Ion Ratio Lower Upper
112 100
64 55.4 49.0 73.6
63 28.1 24.6 36.8

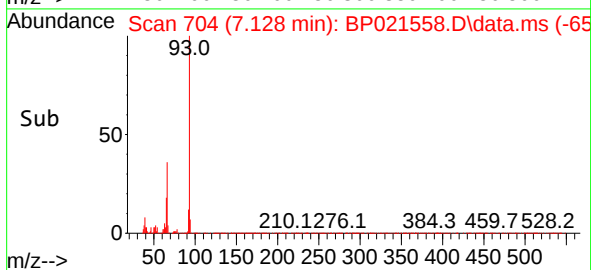
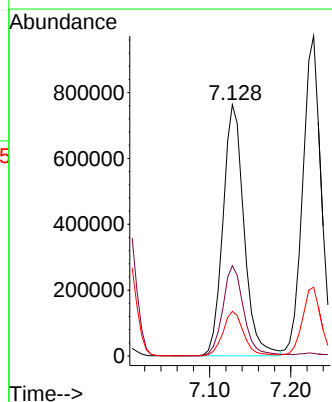
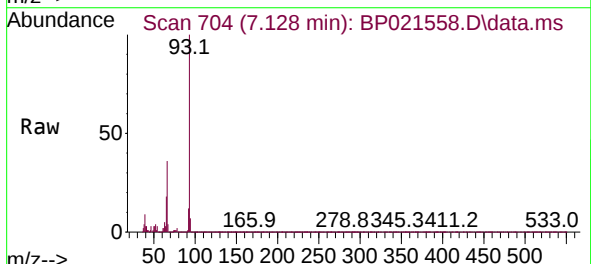
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#6
Aniline
Concen: 40.958 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion: 93 Resp: 1373319
Ion Ratio Lower Upper
93 100
66 35.9 30.2 45.2
65 17.8 14.7 22.1





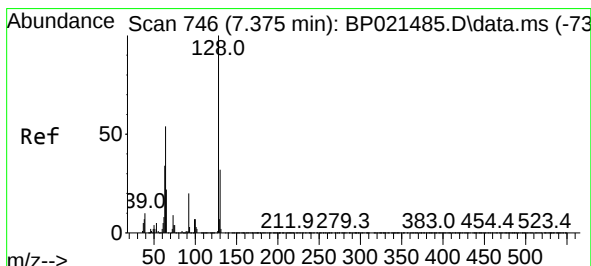
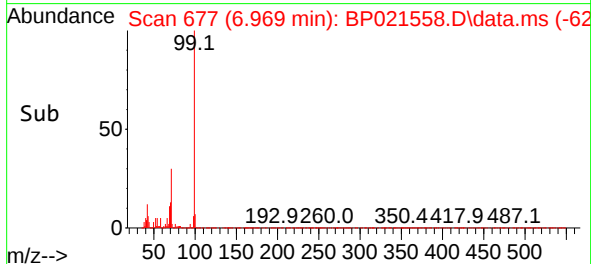
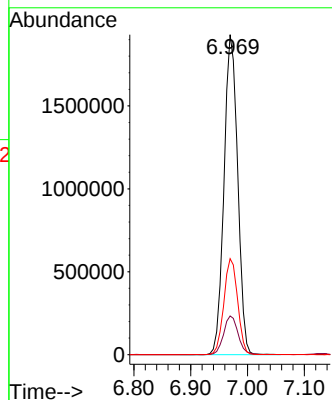
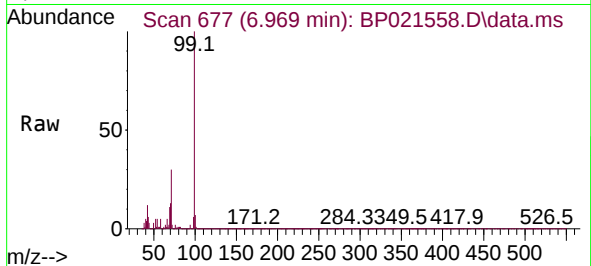
#7
Phenol-d6
Concen: 96.361 ng
RT: 6.969 min Scan# 677
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

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BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

Tgt Ion: 99 Resp: 323190
Ion Ratio Lower Upper
99 100
42 12.1 10.2 15.4
71 30.0 25.8 38.8

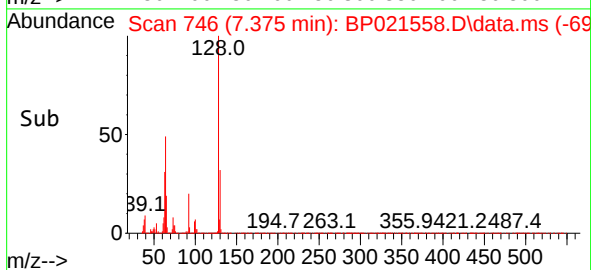
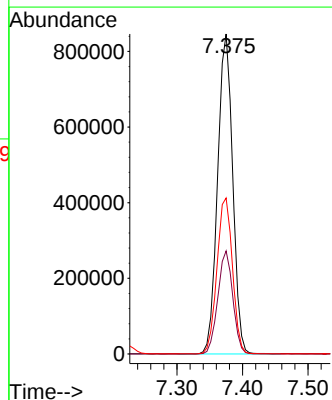
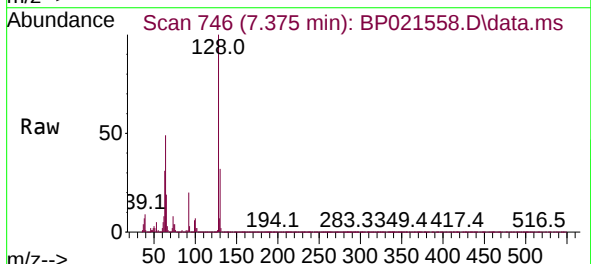
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#8
2-Chlorophenol
Concen: 63.245 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:128 Resp: 1343784
Ion Ratio Lower Upper
128 100
130 32.2 11.6 51.6
64 48.7 35.3 75.3





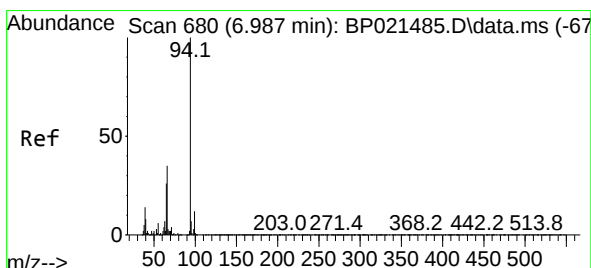
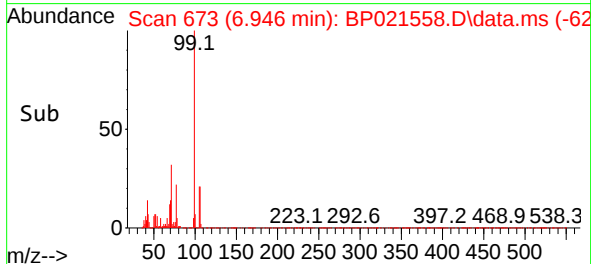
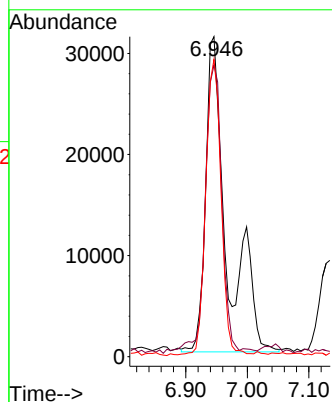
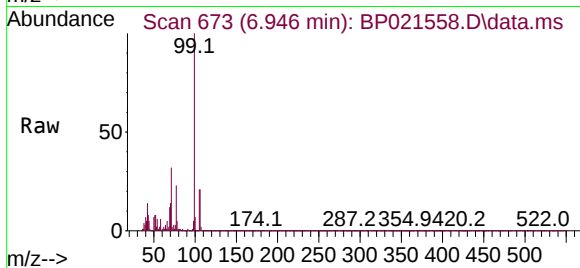
#9
Benzaldehyde
Concen: 3.499 ng m
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

Tgt Ion: 77 Resp: 7514
Ion Ratio Lower Upper
77 100
105 91.1 72.1 112.1
106 92.9 67.9 107.9

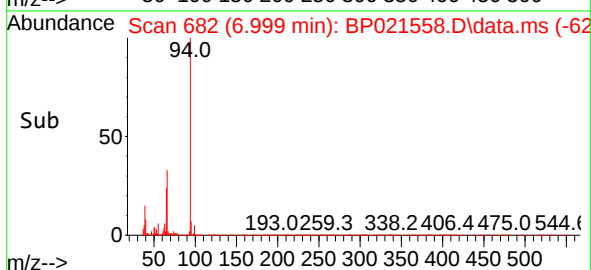
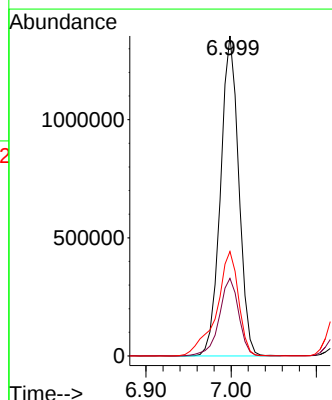
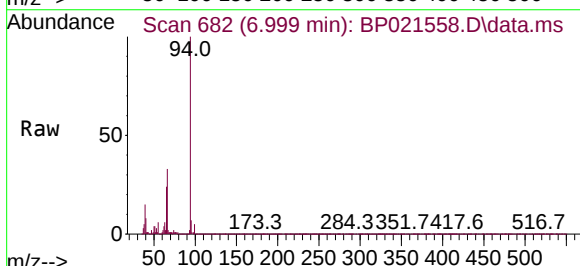
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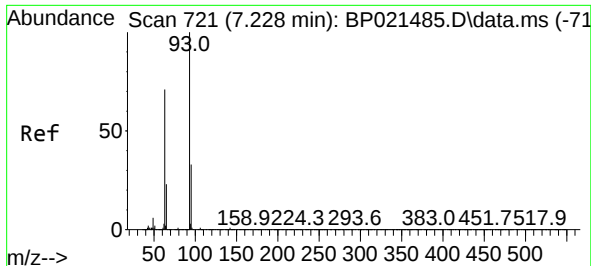
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#10
Phenol
Concen: 57.824 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

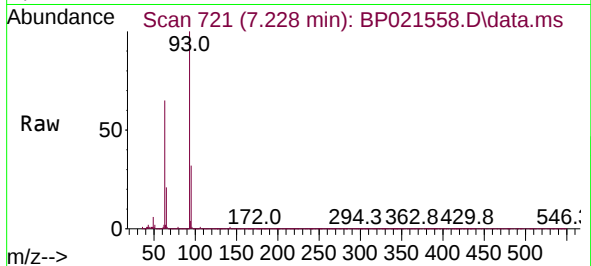
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Ion Ratio Lower Upper
94 100
65 24.3 6.5 46.5
66 32.7 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 51.942 ng
RT: 7.228 min Scan# 721
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

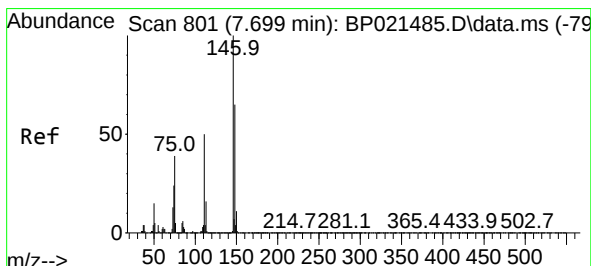
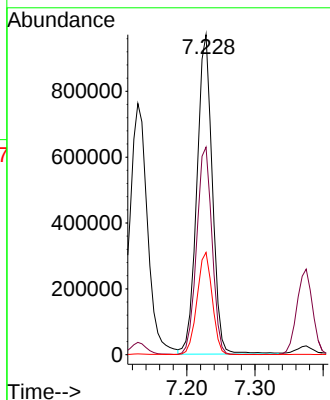
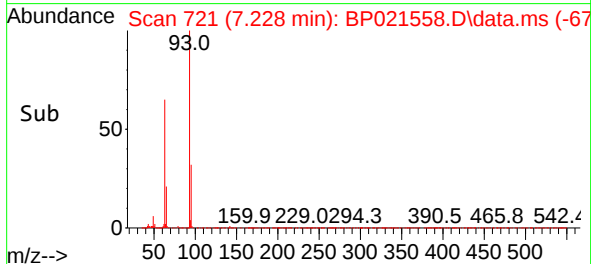
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



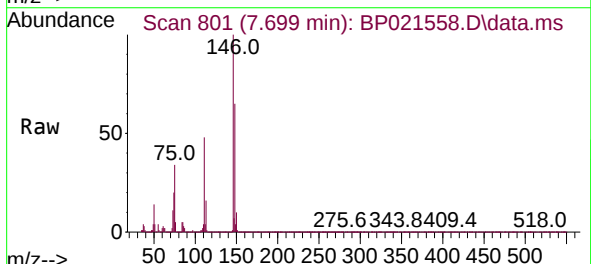
Tgt Ion: 93 Resp: 1526489
Ion Ratio Lower Upper
93 100
63 64.8 51.0 91.0
95 32.0 12.9 52.9

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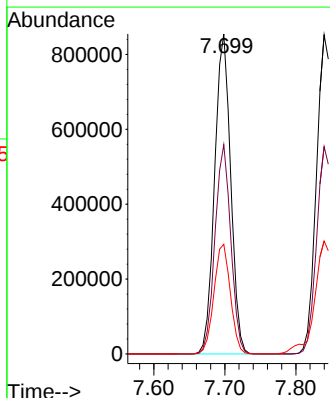
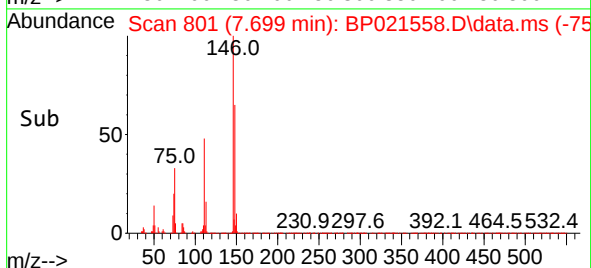
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#12
1,3-Dichlorobenzene
Concen: 52.934 ng
RT: 7.699 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10



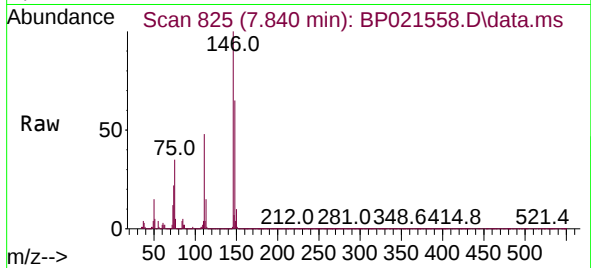
Tgt Ion:146 Resp: 1335943
Ion Ratio Lower Upper
146 100
148 65.4 51.8 77.6
75 34.3 31.3 46.9





#13
1,4-Dichlorobenzene
Concen: 53.592 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

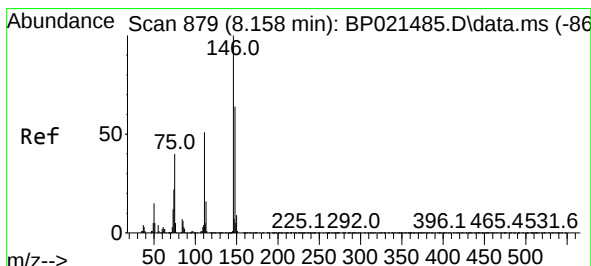
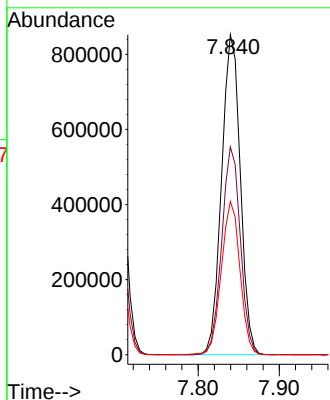
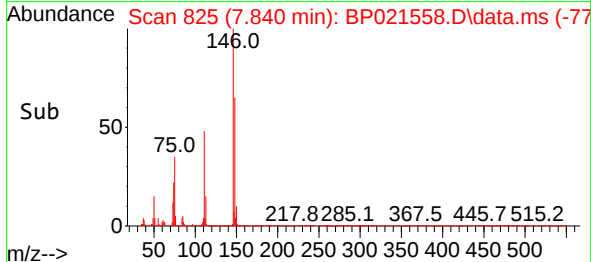
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:146 Resp: 136578
Ion Ratio Lower Upper
146 100
148 65.0 51.5 77.3
111 47.9 40.3 60.5

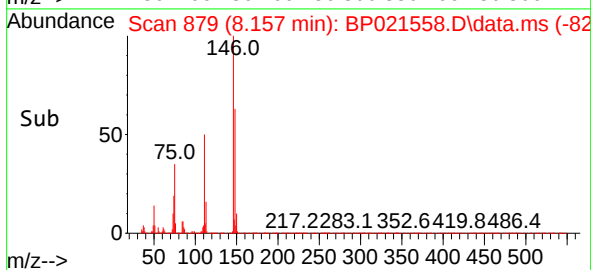
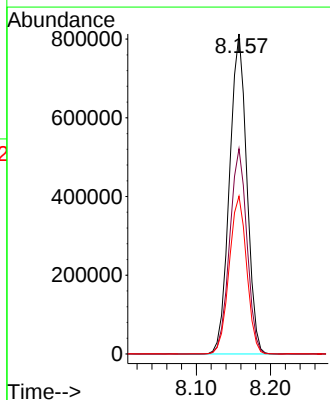
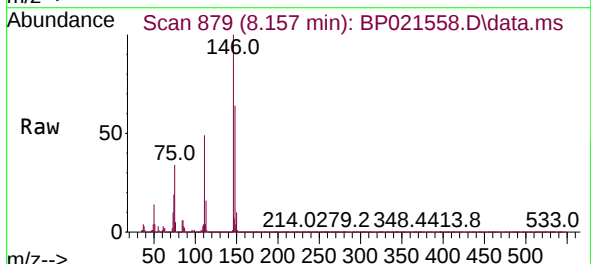
Manual Integrations
APPROVED

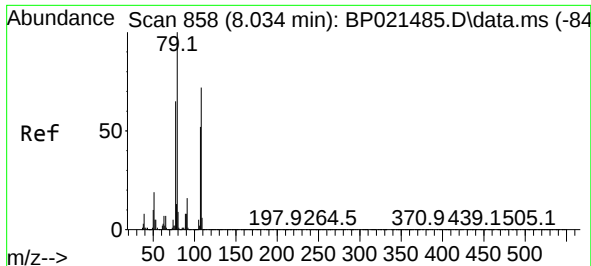
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#14
1,2-Dichlorobenzene
Concen: 53.475 ng
RT: 8.157 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:146 Resp: 1313298
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 49.3 41.1 61.7





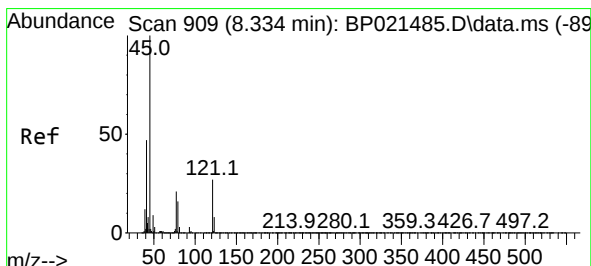
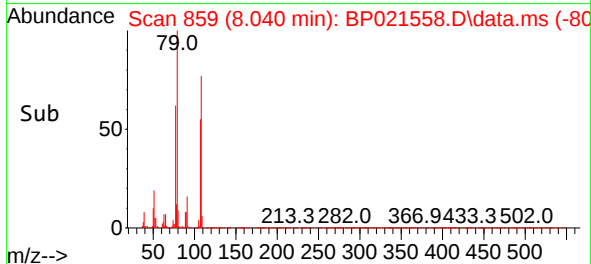
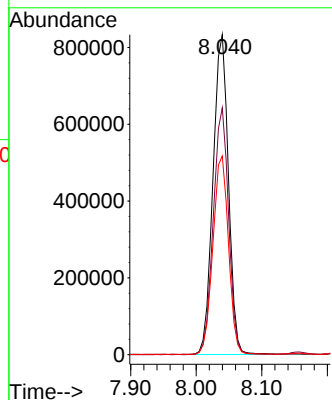
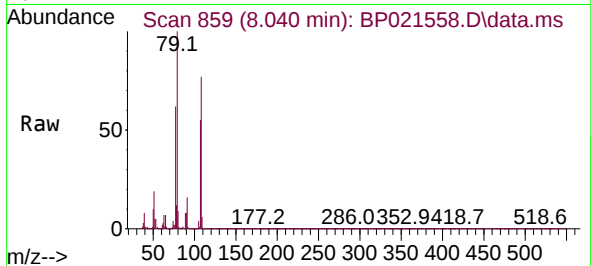
#15
Benzyl Alcohol
Concen: 56.476 ng
RT: 8.040 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

Tgt Ion: 79 Resp: 135909
Ion Ratio Lower Upper
79 100
108 77.2 57.9 86.9
77 62.1 51.8 77.8

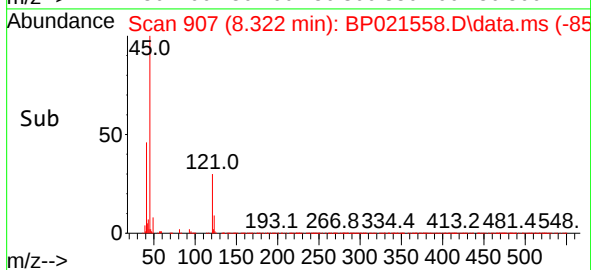
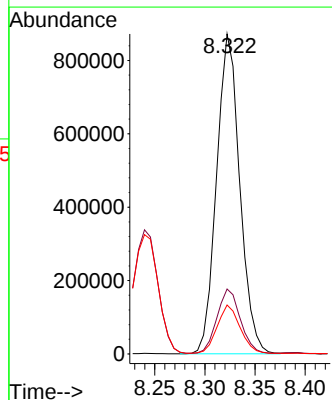
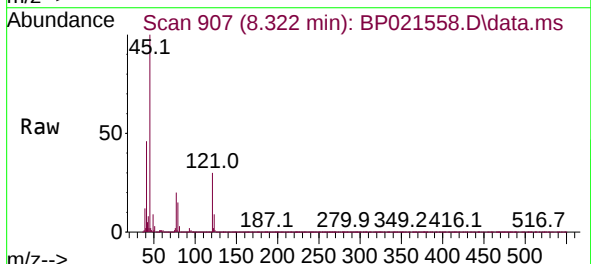
Manual Integrations
APPROVED

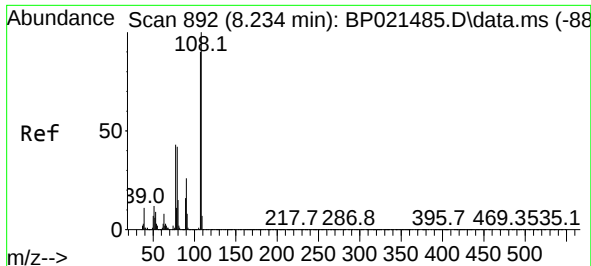
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.803 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

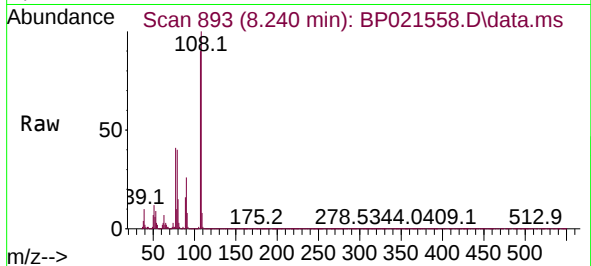
Tgt Ion: 45 Resp: 1401981
Ion Ratio Lower Upper
45 100
77 20.3 1.9 41.9
79 15.3 0.0 36.6





#17
2-Methylphenol
Concen: 59.024 ng
RT: 8.240 min Scan# 892
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

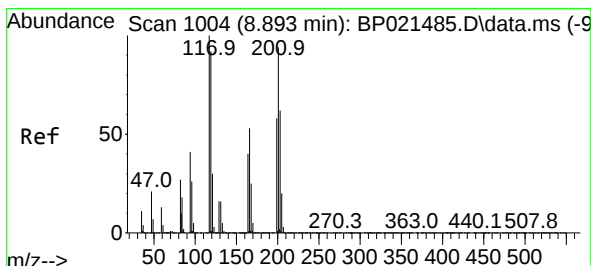
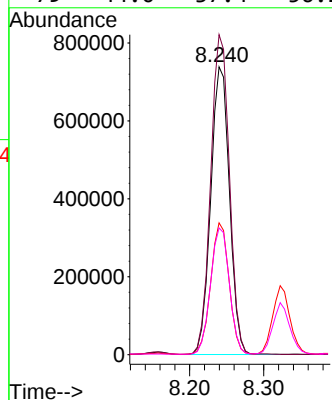
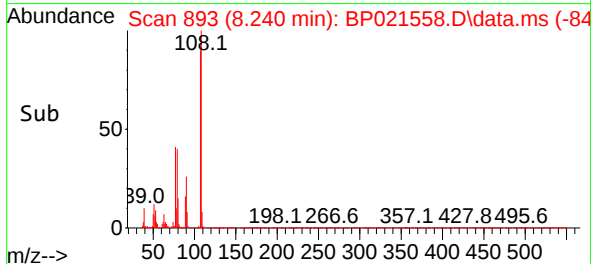
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:107 Resp: 1295979
Ion Ratio Lower Upper
107 100
108 111.2 88.8 133.2
77 45.8 38.7 58.1
79 44.0 37.4 56.2

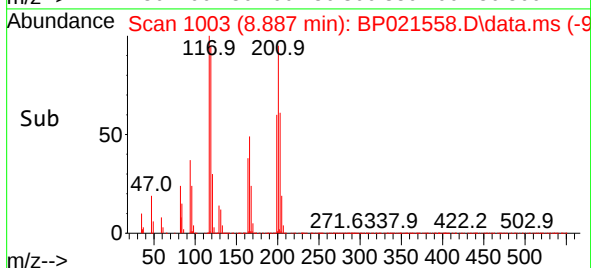
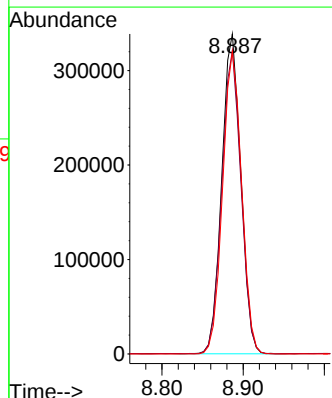
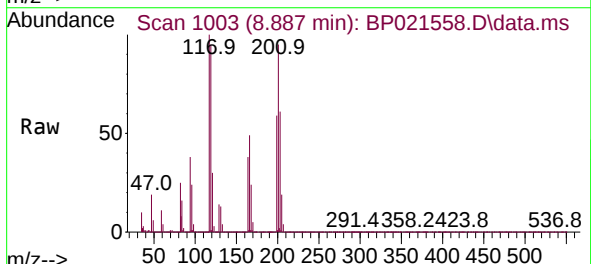
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#18
Hexachloroethane
Concen: 54.113 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

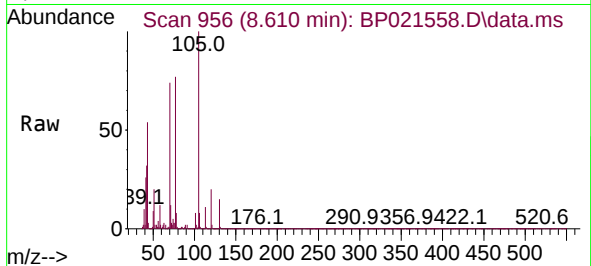
Tgt Ion:117 Resp: 553001
Ion Ratio Lower Upper
117 100
119 94.8 73.9 110.9
201 94.5 74.9 112.3





#19
n-Nitroso-di-n-propylamine
Concen: 45.855 ng
RT: 8.610 min Scan# 91
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

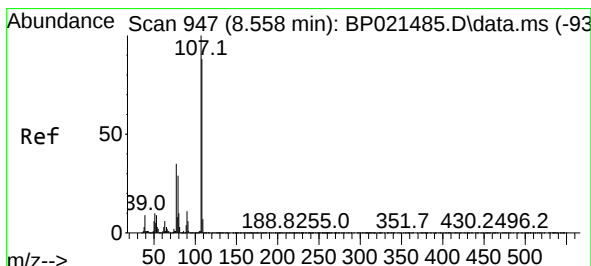
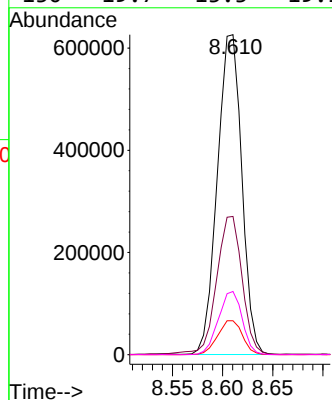
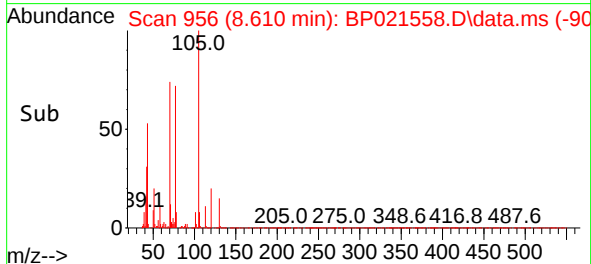
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



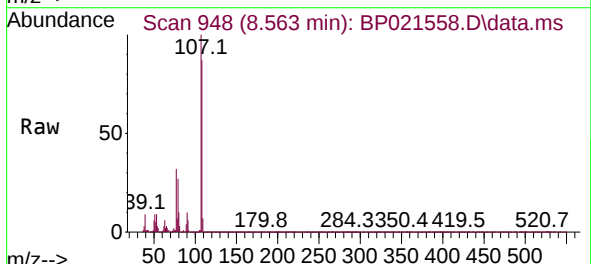
Tgt Ion: 70 Resp: 106238
Ion Ratio Lower Upper
70 100
42 43.2 33.1 49.7
101 10.6 7.4 11.2
130 19.7 13.3 19.9

Manual Integrations
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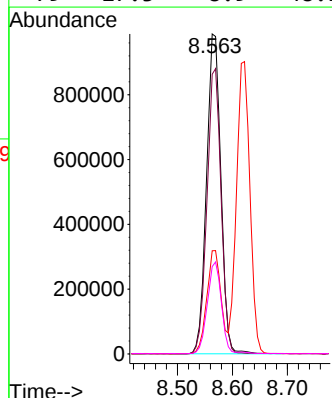
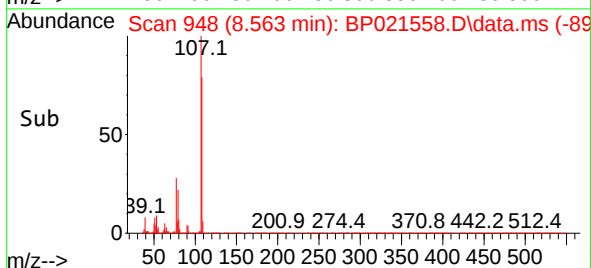
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

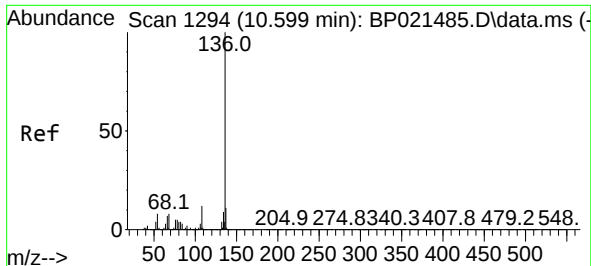


#20
3+4-Methylphenols
Concen: 60.304 ng
RT: 8.563 min Scan# 948
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10



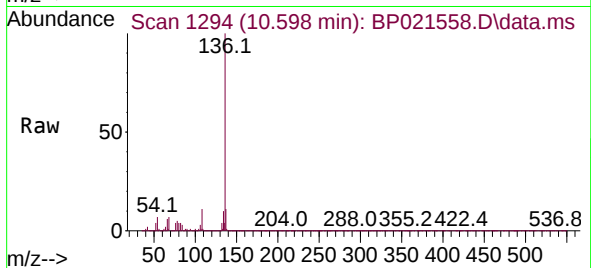
Tgt Ion:107 Resp: 1785354
Ion Ratio Lower Upper
107 100
108 87.4 67.6 107.6
77 32.2 15.0 55.0
79 27.3 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.598 min Scan# 11
Delta R.T. -0.001 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

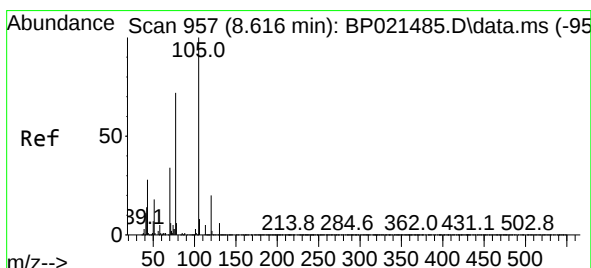
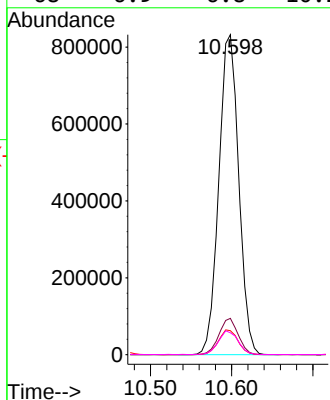
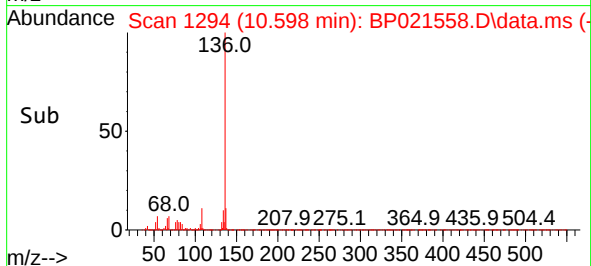
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:136 Resp: 141889
Ion Ratio Lower Upper
136 100
137 11.4 8.8 13.2
54 7.5 6.3 9.5
68 6.9 6.8 10.2

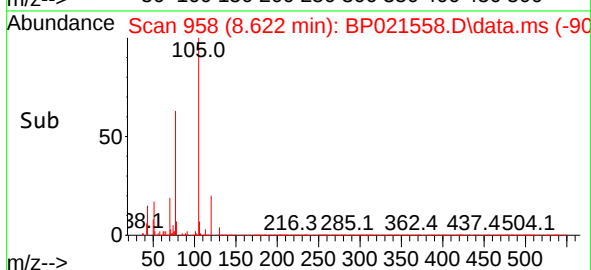
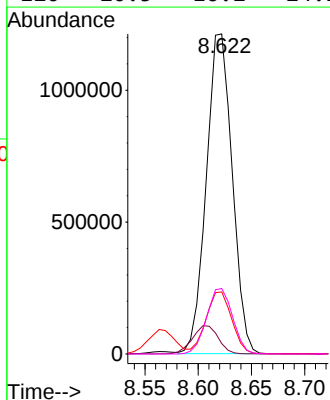
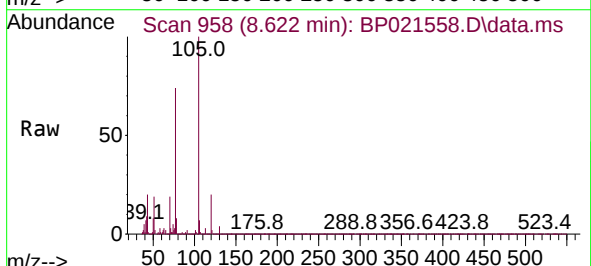
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#22
Acetophenone
Concen: 47.126 ng
RT: 8.622 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

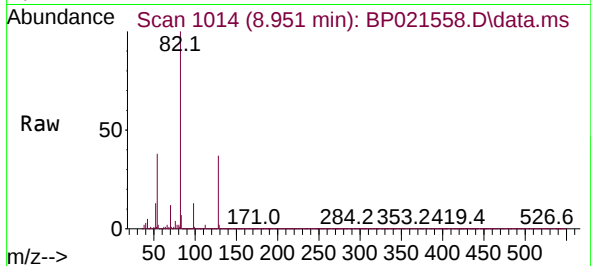
Tgt Ion:105 Resp: 2054237
Ion Ratio Lower Upper
105 100
71 3.3 4.6 7.0#
51 19.4 16.3 24.5
120 20.5 16.2 24.2





#23
Nitrobenzene-d5
Concen: 67.247 ng
RT: 8.951 min Scan# 1014
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

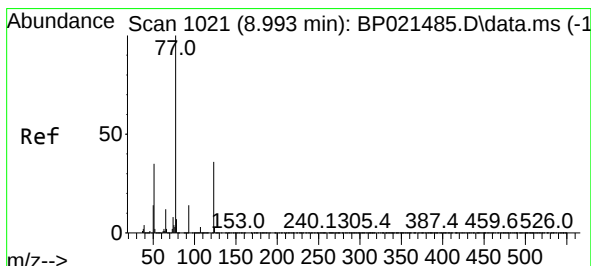
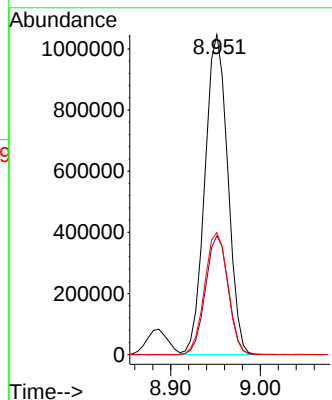
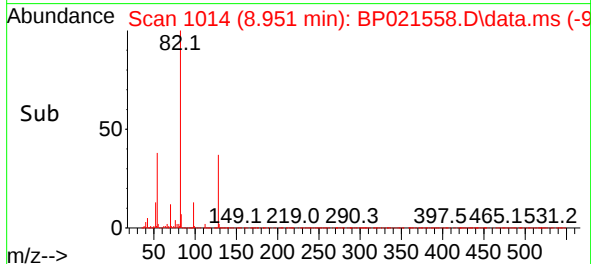
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion: 82 Resp: 1848624
Ion Ratio Lower Upper
82 100
128 37.2 26.5 39.7
54 38.1 30.3 45.5

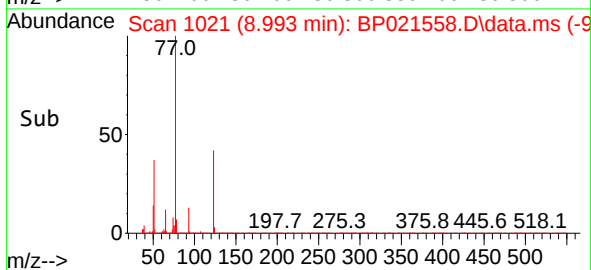
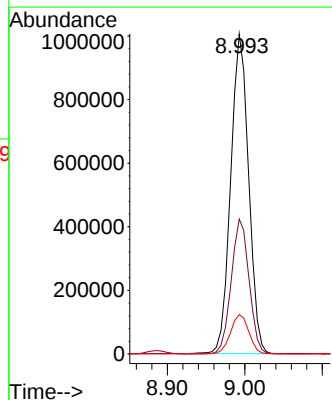
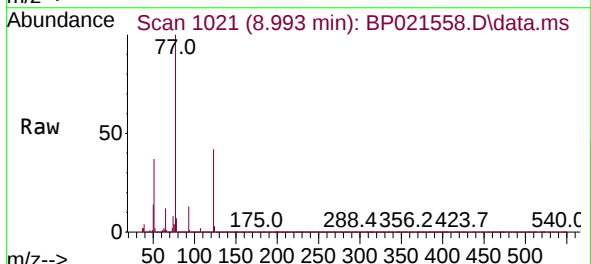
Manual Integrations
APPROVED

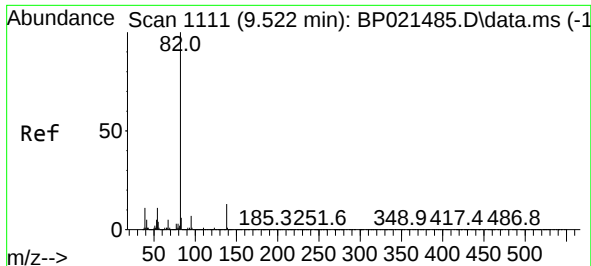
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#24
Nitrobenzene
Concen: 54.236 ng
RT: 8.993 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

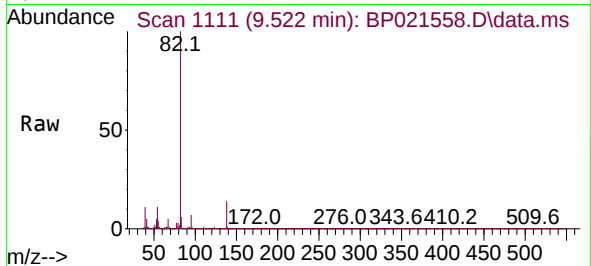
Tgt Ion: 77 Resp: 1619309
Ion Ratio Lower Upper
77 100
123 42.2 29.5 44.3
65 12.3 9.9 14.9





#25
Isophorone
Concen: 48.654 ng
RT: 9.522 min Scan# 1111
Delta R.T. 0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

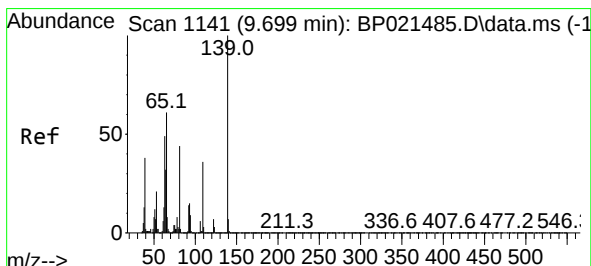
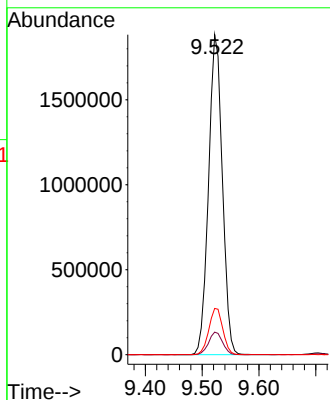
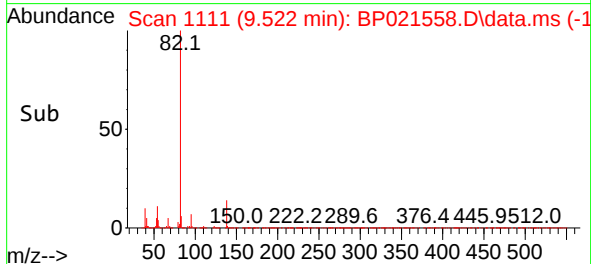
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



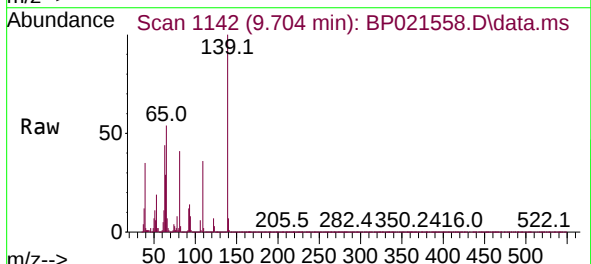
Tgt Ion: 82 Resp: 315976
Ion Ratio Lower Upper
82 100
95 7.1 5.4 8.2
138 14.5 10.6 16.0

Manual Integrations
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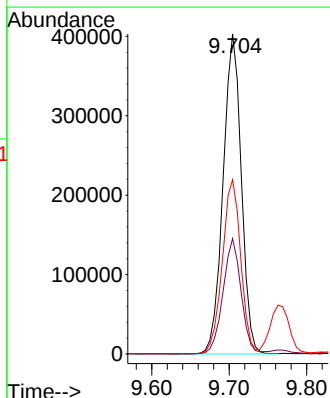
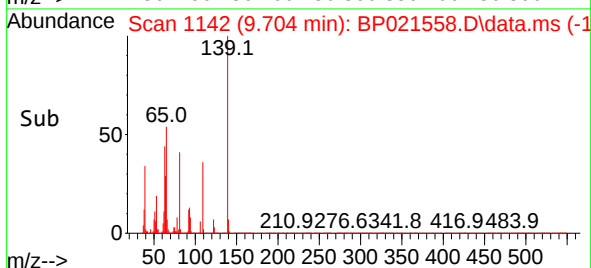
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

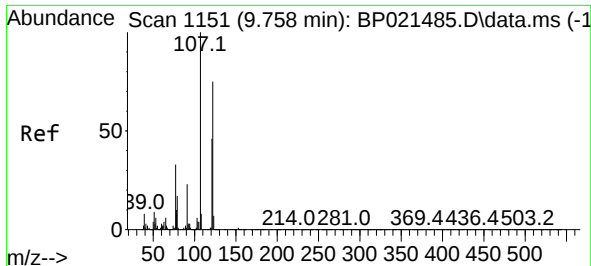


#26
2-Nitrophenol
Concen: 70.168 ng
RT: 9.704 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10



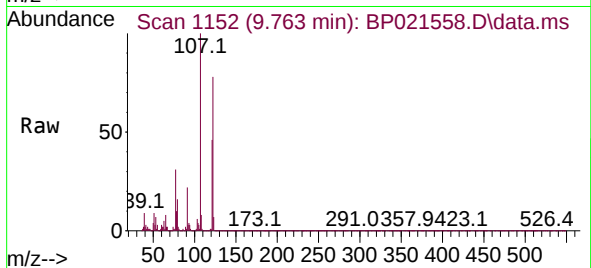
Tgt Ion:139 Resp: 658225
Ion Ratio Lower Upper
139 100
109 36.1 28.9 43.3
65 54.5 49.0 73.6





#27
2,4-Dimethylphenol
Concen: 63.468 ng
RT: 9.763 min Scan# 1151
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

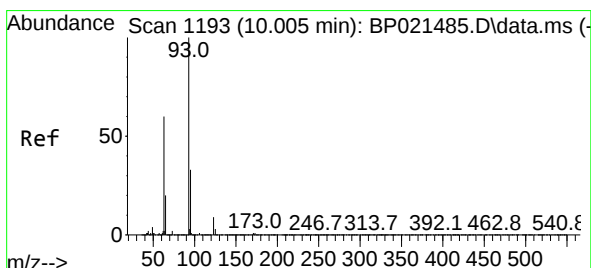
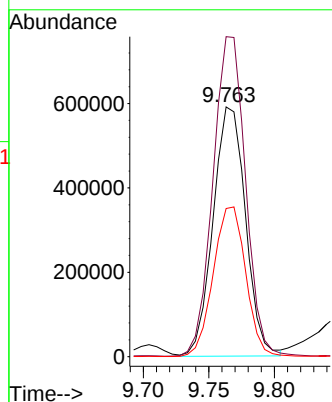
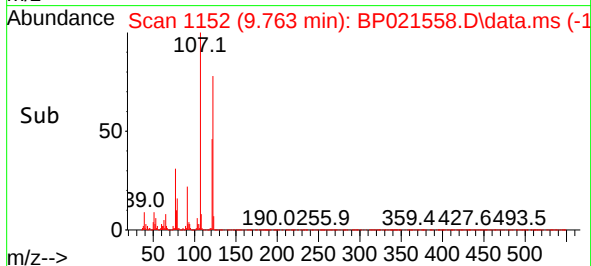
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



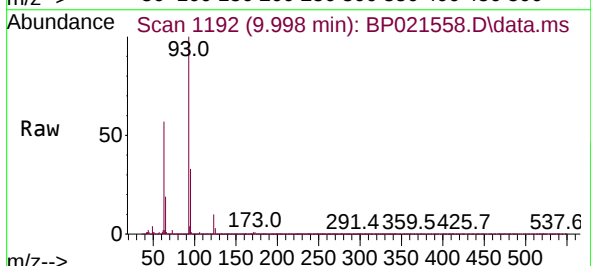
Tgt Ion:122 Resp: 1017210
Ion Ratio Lower Upper
122 100
107 128.2 106.2 159.4
121 59.3 48.8 73.2

Manual Integrations
APPROVED

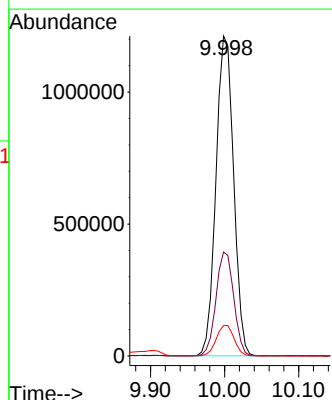
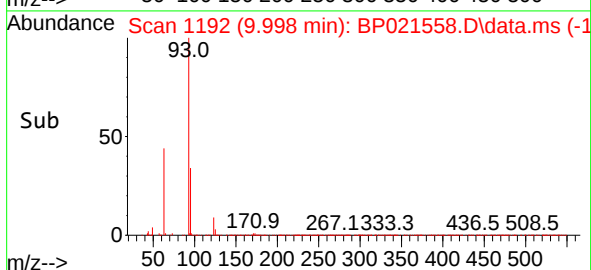
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

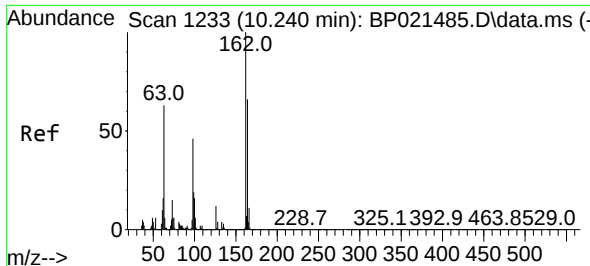


#28
bis(2-Chloroethoxy)methane
Concen: 50.573 ng
RT: 9.998 min Scan# 1192
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10



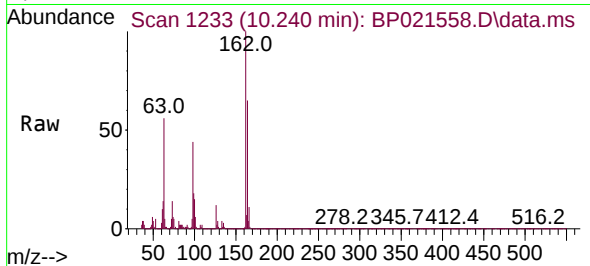
Tgt Ion: 93 Resp: 2004819
Ion Ratio Lower Upper
93 100
95 32.5 26.2 39.4
123 9.5 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 66.337 ng
RT: 10.240 min Scan# 1233
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

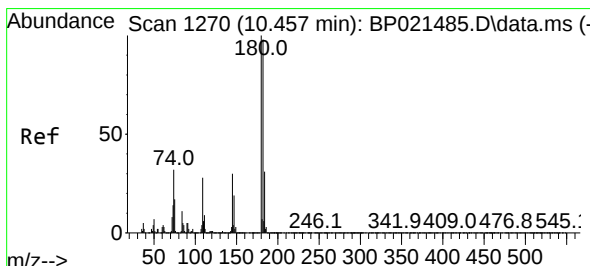
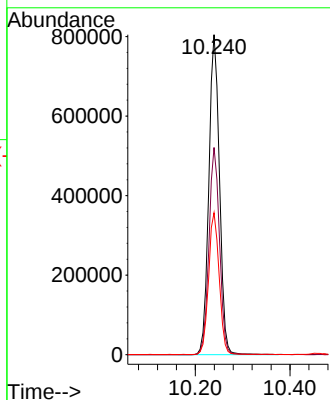
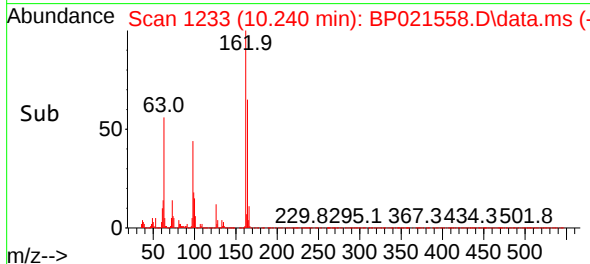
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



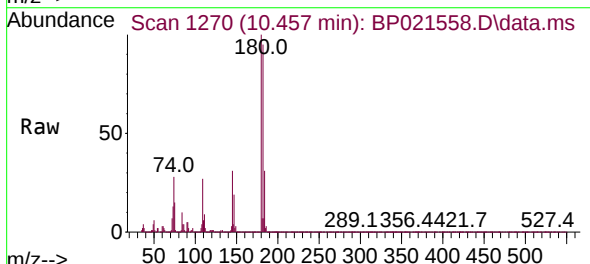
Tgt Ion:162 Resp: 125619
Ion Ratio Lower Upper
162 100
164 64.8 45.9 85.9
98 44.4 26.3 66.3

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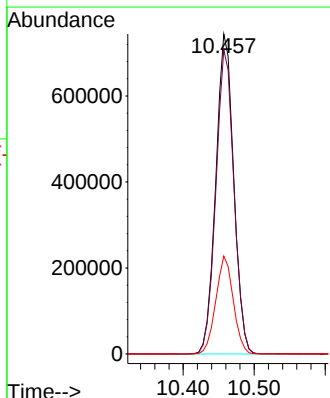
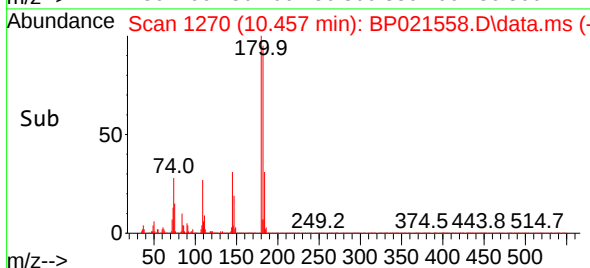
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

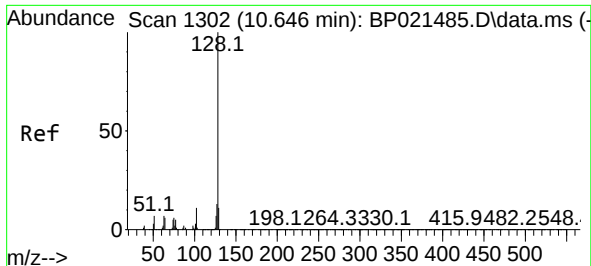


#30
1,2,4-Trichlorobenzene
Concen: 53.522 ng
RT: 10.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10



Tgt Ion:180 Resp: 1299402
Ion Ratio Lower Upper
180 100
182 95.0 78.3 117.5
145 30.6 24.0 36.0





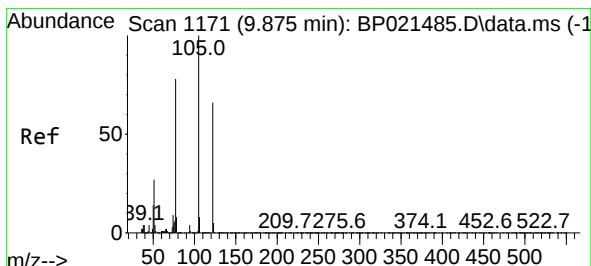
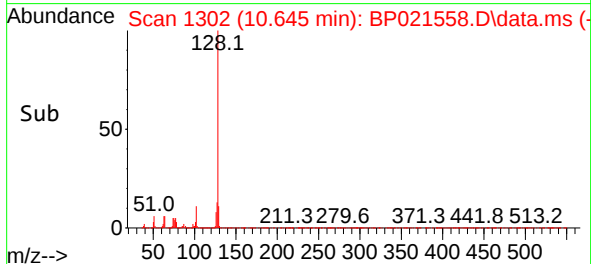
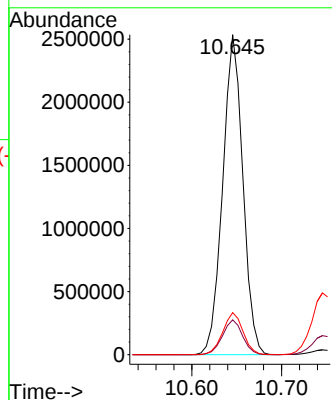
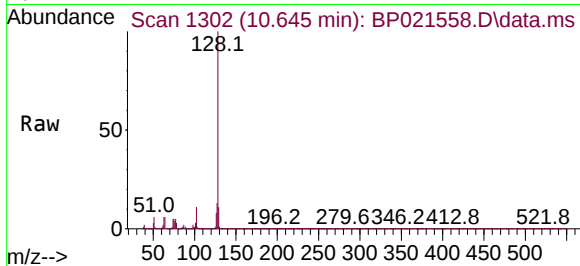
#31
Naphthalene
Concen: 53.337 ng
RT: 10.645 min Scan# 1117
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

Tgt Ion:128 Resp: 3953530
Ion Ratio Lower Upper
128 100
129 10.9 8.6 12.8
127 13.1 10.6 15.8

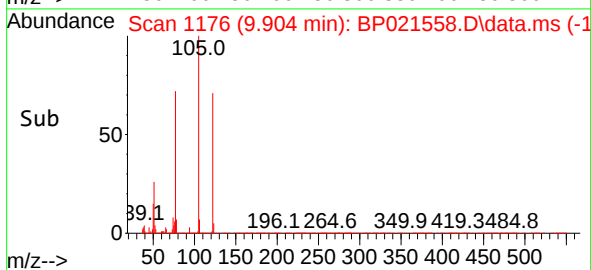
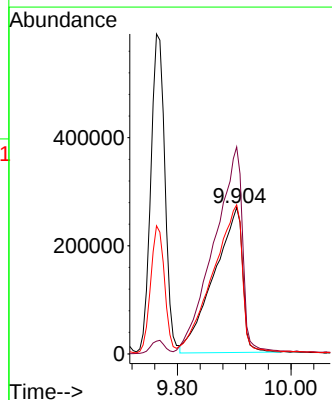
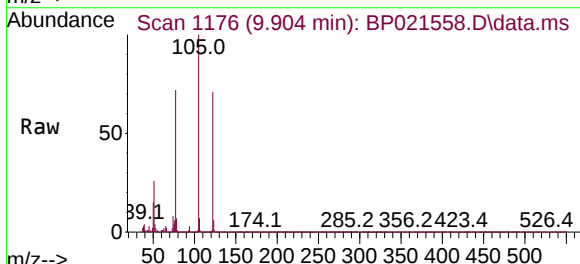
Manual Integrations
APPROVED

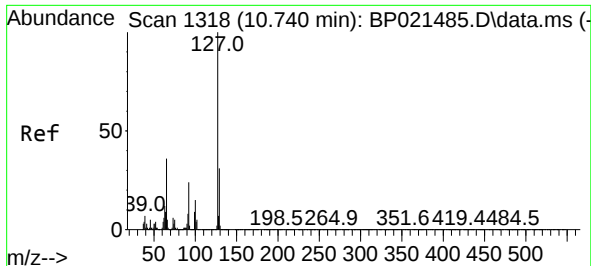
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#32
Benzoic acid
Concen: 73.293 ng
RT: 9.904 min Scan# 1176
Delta R.T. 0.029 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

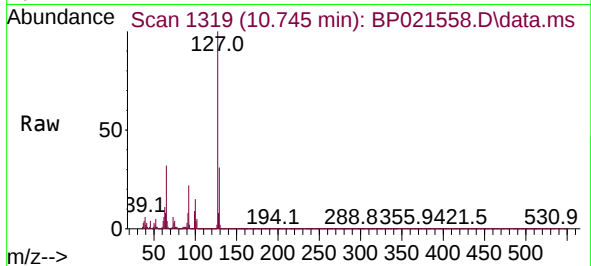
Tgt Ion:122 Resp: 937018
Ion Ratio Lower Upper
122 100
105 141.4 124.6 164.6
77 101.8 96.2 136.2





#33
4-Chloroaniline
Concen: 32.625 ng
RT: 10.745 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

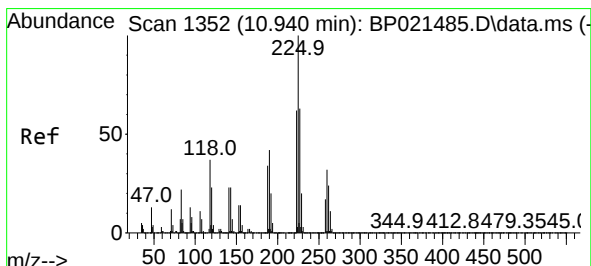
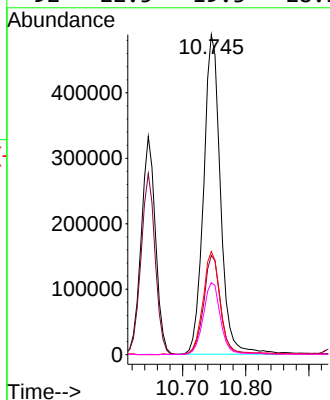
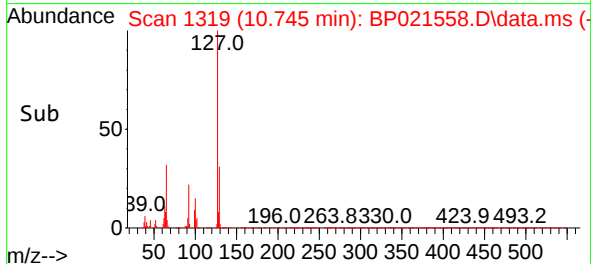
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:127 Resp: 90837
Ion Ratio Lower Upper
127 100
129 31.0 24.5 36.7
65 32.3 28.9 43.3
92 22.5 19.3 28.9

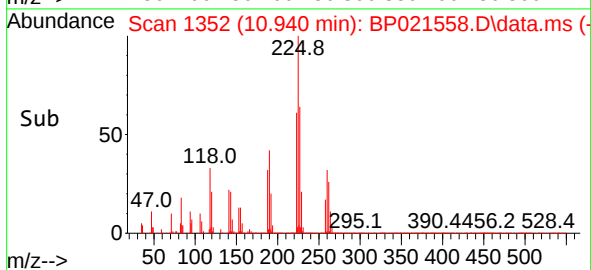
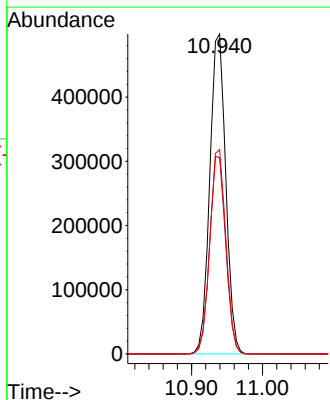
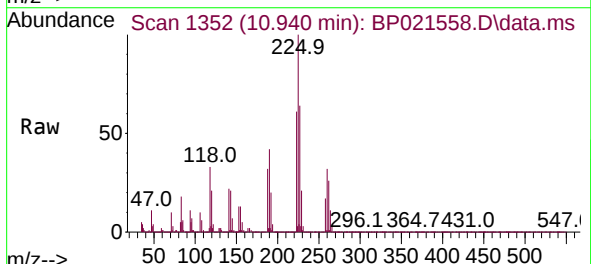
Manual Integrations
APPROVED

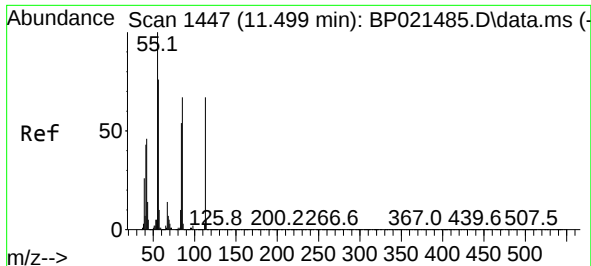
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#34
Hexachlorobutadiene
Concen: 50.911 ng
RT: 10.940 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

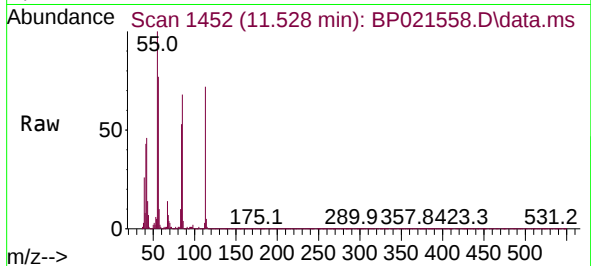
Tgt Ion:225 Resp: 778243
Ion Ratio Lower Upper
225 100
223 61.4 49.6 74.4
227 63.9 50.1 75.1





#35
Caprolactam
Concen: 57.535 ng
RT: 11.528 min Scan# 1447
Delta R.T. 0.029 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

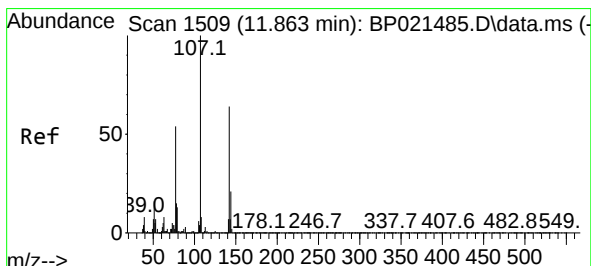
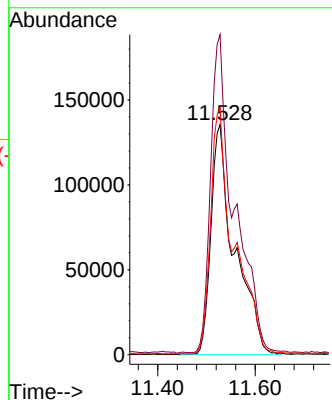
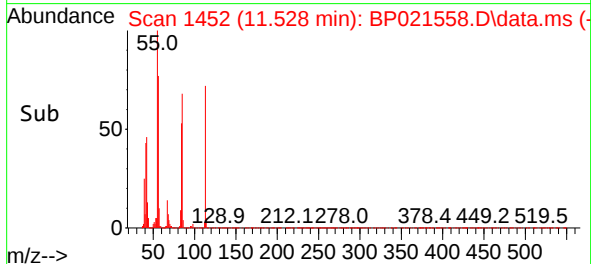
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



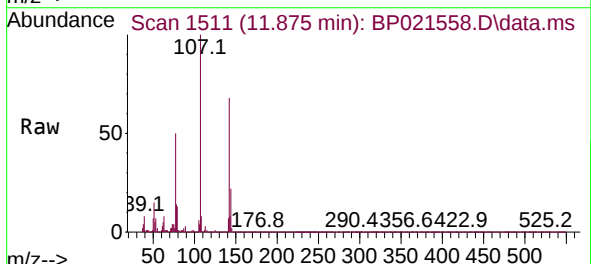
Tgt Ion:113 Resp: 45349
Ion Ratio Lower Upper
113 100
55 139.0 130.6 170.6
56 107.3 94.6 134.6

Manual Integrations
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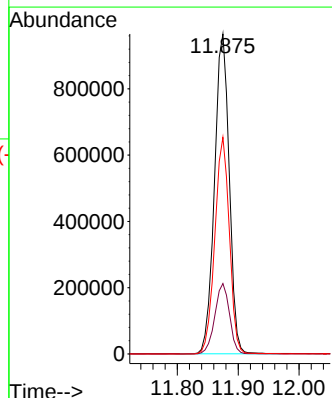
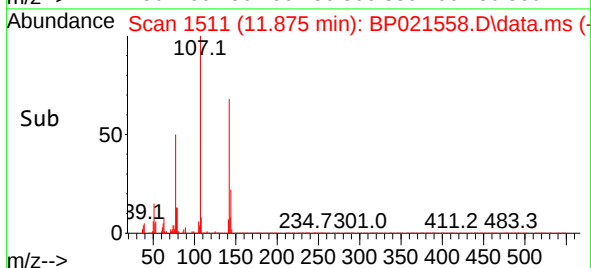
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

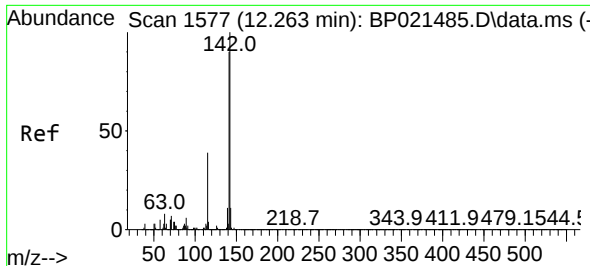


#36
4-Chloro-3-methylphenol
Concen: 61.777 ng
RT: 11.875 min Scan# 1511
Delta R.T. 0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10



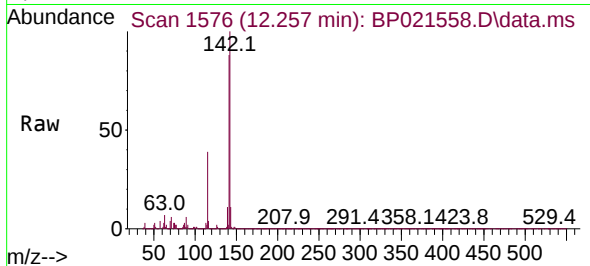
Tgt Ion:107 Resp: 1622780
Ion Ratio Lower Upper
107 100
144 22.0 16.6 24.8
142 67.7 51.0 76.4





#37
2-Methylnaphthalene
Concen: 53.959 ng
RT: 12.257 min Scan# 1576
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

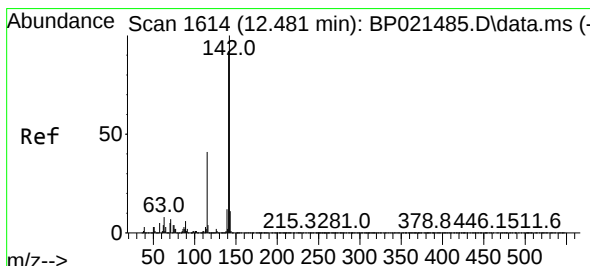
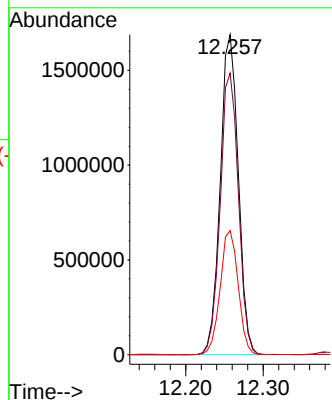
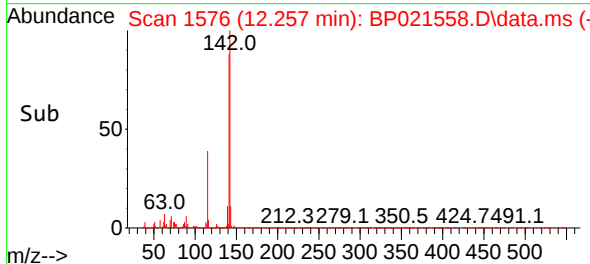
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:142 Resp: 2729740
Ion Ratio Lower Upper
142 100
141 88.0 71.7 107.5
115 38.8 31.4 47.2

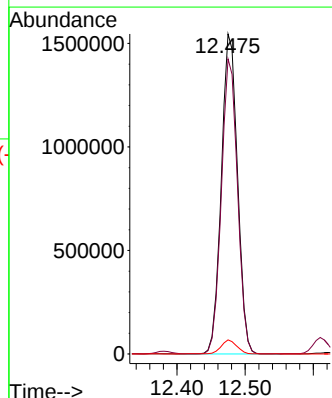
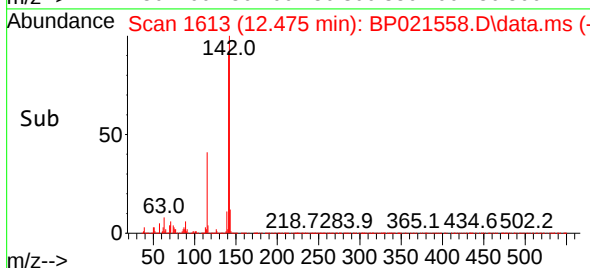
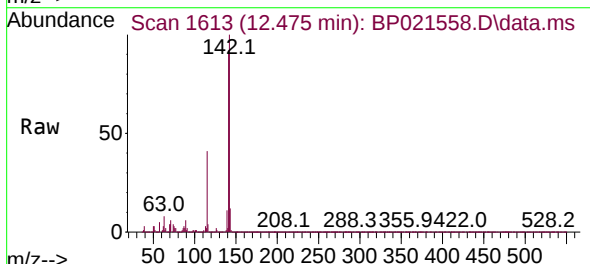
Manual Integrations
APPROVED

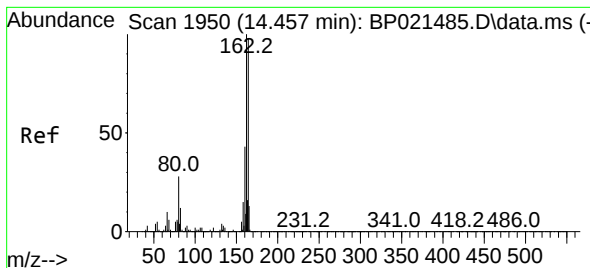
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#38
1-Methylnaphthalene
Concen: 51.133 ng
RT: 12.475 min Scan# 1613
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

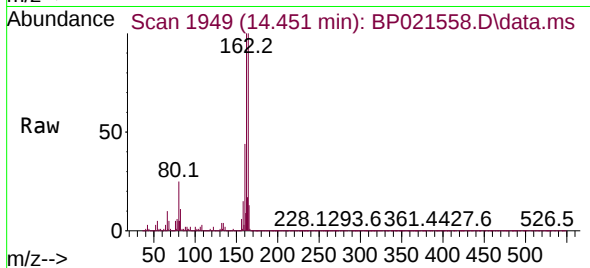
Tgt Ion:142 Resp: 2551226
Ion Ratio Lower Upper
142 100
141 92.2 73.5 110.3
116 4.4 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.451 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

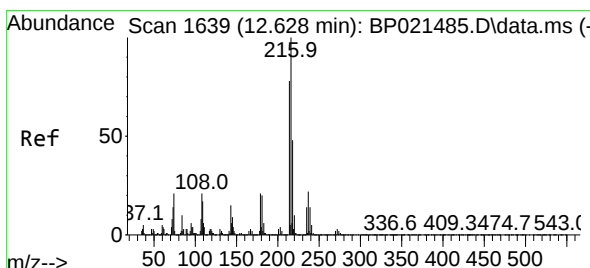
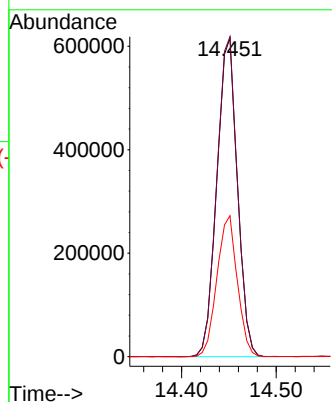
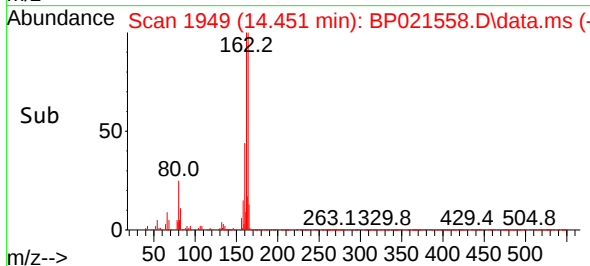
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



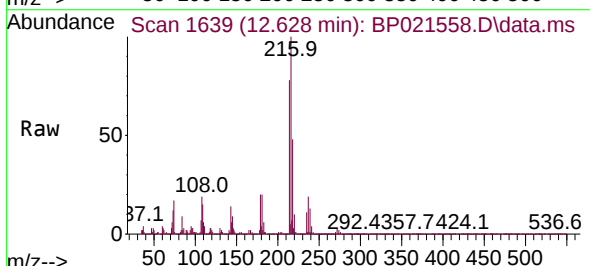
Tgt Ion:164 Resp: 927420
Ion Ratio Lower Upper
164 100
162 100.4 81.5 122.3
160 44.2 35.2 52.8

Manual Integrations
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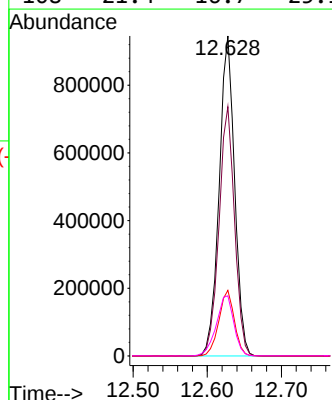
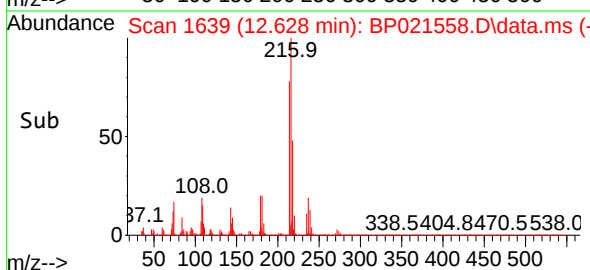
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

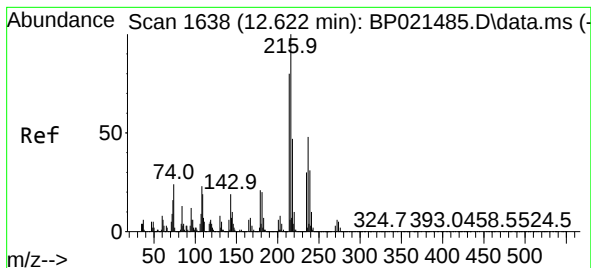


#40
1,2,4,5-Tetrachlorobenzene
Concen: 50.440 ng
RT: 12.628 min Scan# 1639
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10



Tgt Ion:216 Resp: 1370642
Ion Ratio Lower Upper
216 100
214 78.4 62.5 93.7
179 20.6 16.4 24.6
108 21.4 16.7 25.1





#41

Hexachlorocyclopentadiene

Concen: 119.906 ng

RT: 12.610 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP021558.D

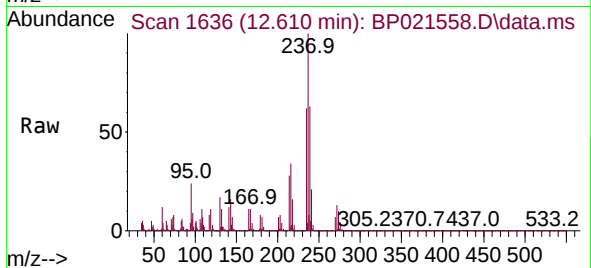
Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD



Tgt Ion:237 Resp: 103266

Ion Ratio Lower Upper

237 100

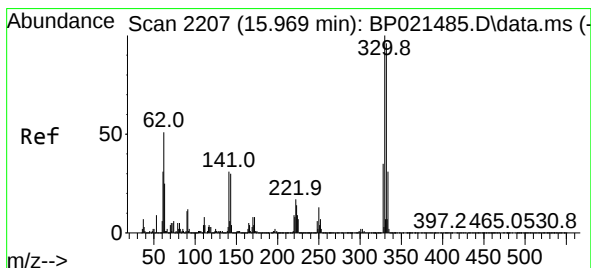
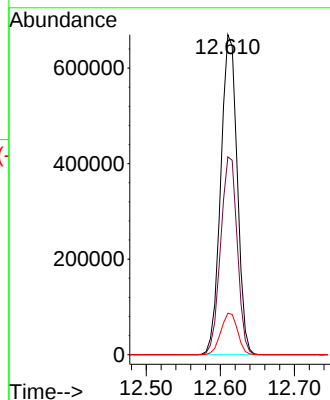
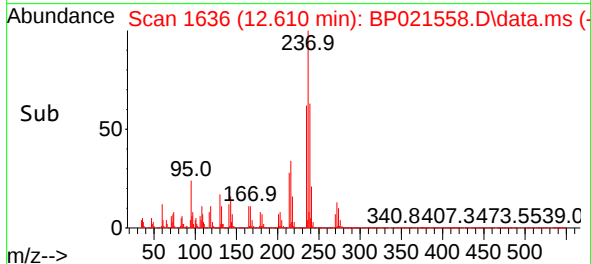
235 61.8 43.9 83.9

272 12.9 0.0 33.3

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#42

2,4,6-Tribromophenol

Concen: 102.282 ng

RT: 15.957 min Scan# 2205

Delta R.T. -0.012 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

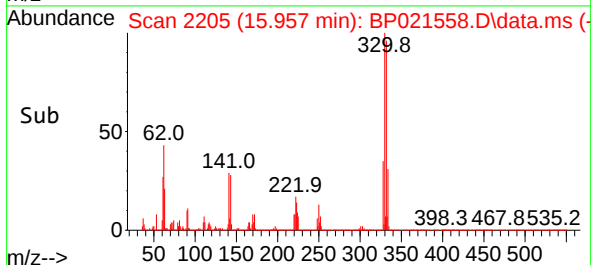
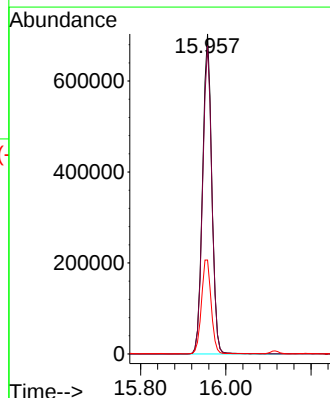
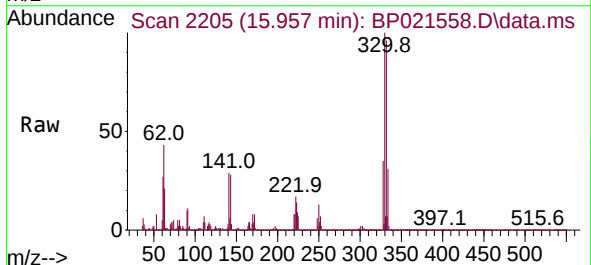
Tgt Ion:330 Resp: 1055737

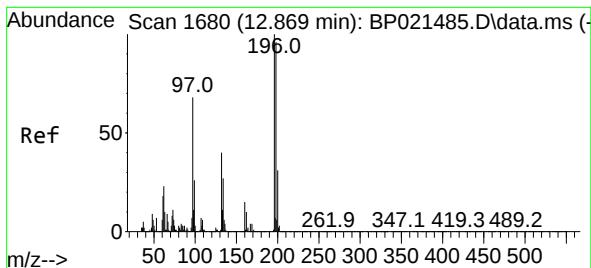
Ion Ratio Lower Upper

330 100

332 96.4 77.4 116.0

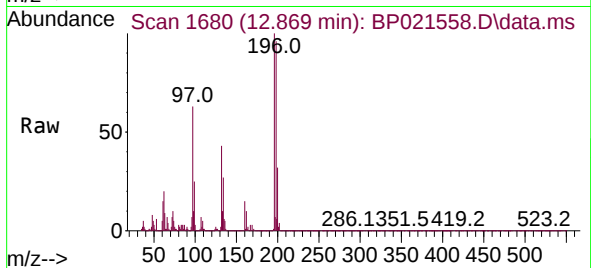
141 31.0 24.5 36.7





#43
2,4,6-Trichlorophenol
Concen: 68.201 ng
RT: 12.869 min Scan# 1680
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

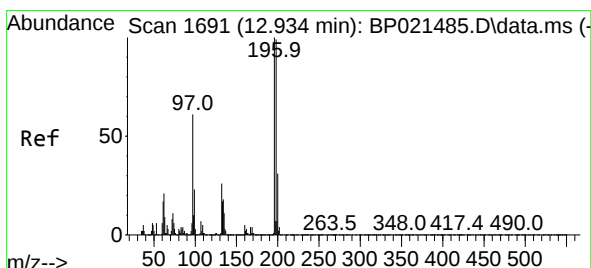
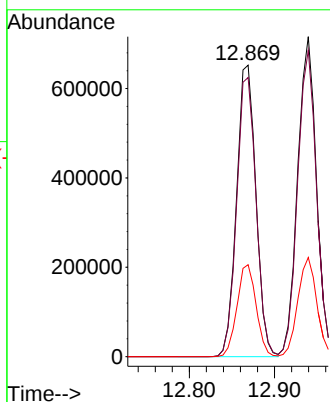
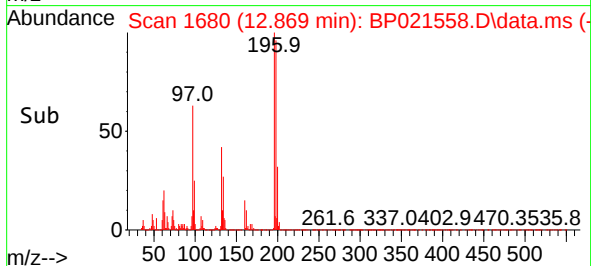
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:196 Resp: 102946
Ion Ratio Lower Upper
196 100
198 95.7 76.6 114.8
200 31.6 24.5 36.7

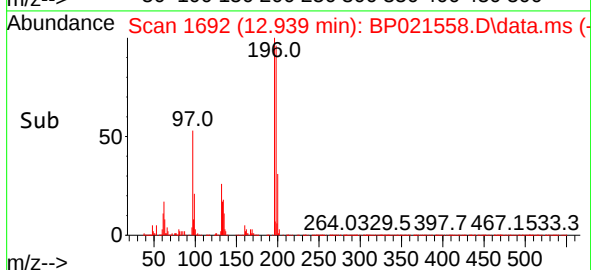
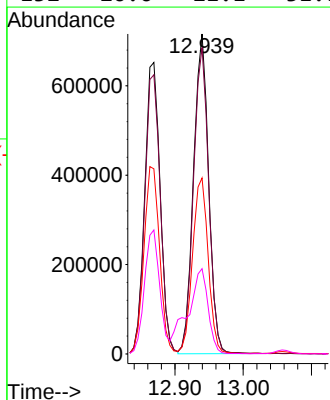
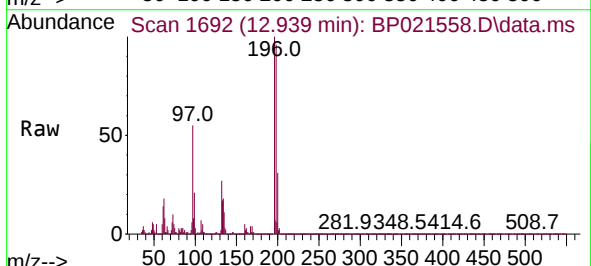
Manual Integrations
APPROVED

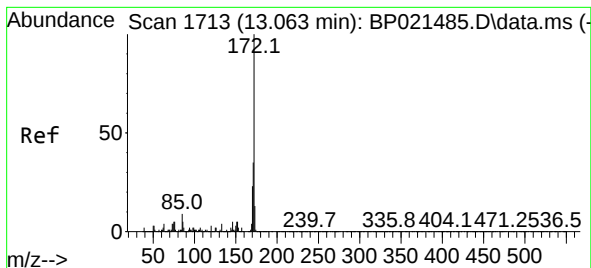
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#44
2,4,5-Trichlorophenol
Concen: 65.705 ng
RT: 12.939 min Scan# 1692
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

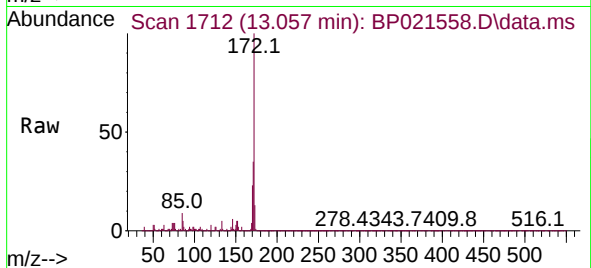
Tgt Ion:196 Resp: 1101921
Ion Ratio Lower Upper
196 100
198 95.7 78.9 118.3
97 55.0 49.4 74.0
132 26.6 21.1 31.7





#45
2-Fluorobiphenyl
Concen: 46.448 ng
RT: 13.057 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

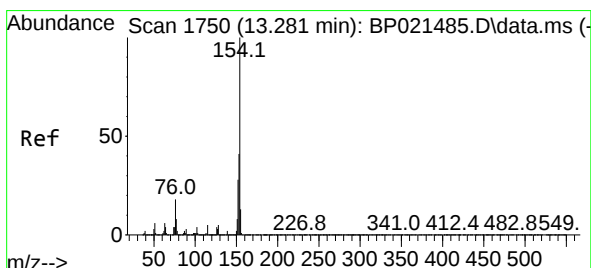
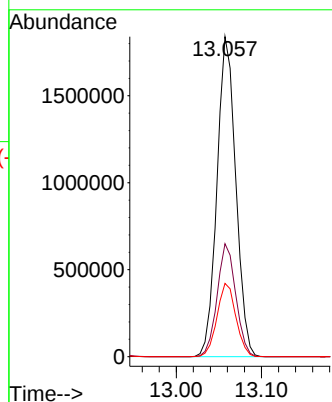
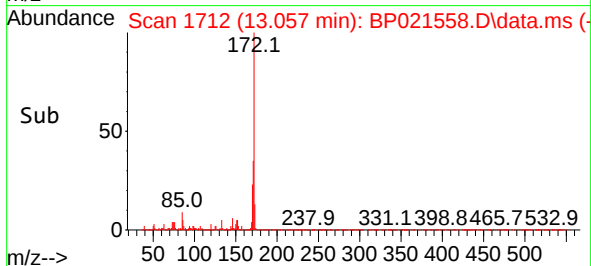
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:172 Resp: 282254
Ion Ratio Lower Upper
172 100
171 35.3 28.2 42.4
170 22.9 18.4 27.6

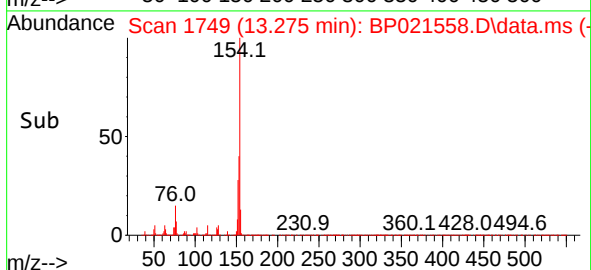
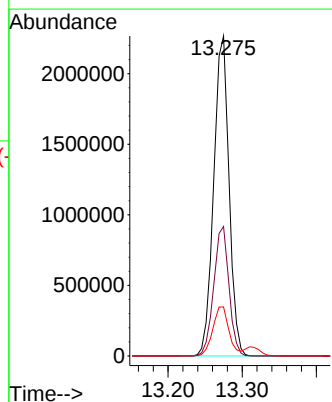
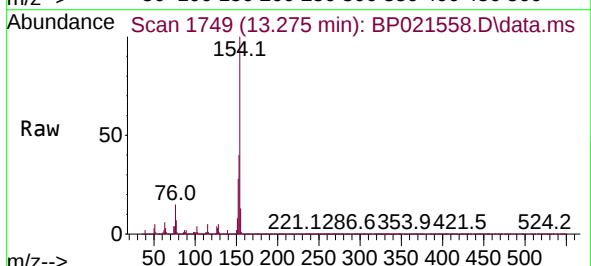
Manual Integrations
APPROVED

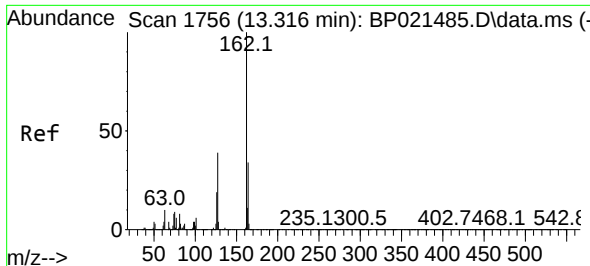
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#46
1,1'-Biphenyl
Concen: 49.512 ng
RT: 13.275 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

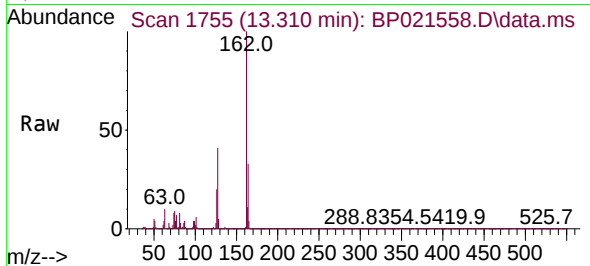
Tgt Ion:154 Resp: 3248756
Ion Ratio Lower Upper
154 100
153 40.4 20.7 60.7
76 15.3 0.0 37.7





#47
2-Chloronaphthalene
Concen: 54.001 ng
RT: 13.310 min Scan# 1755
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

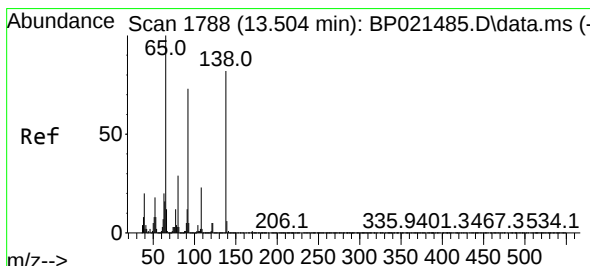
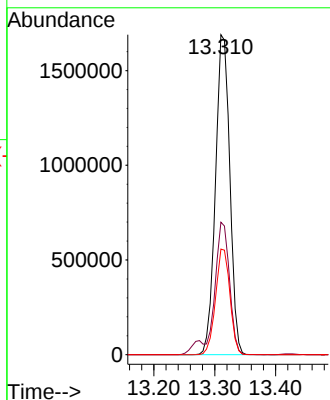
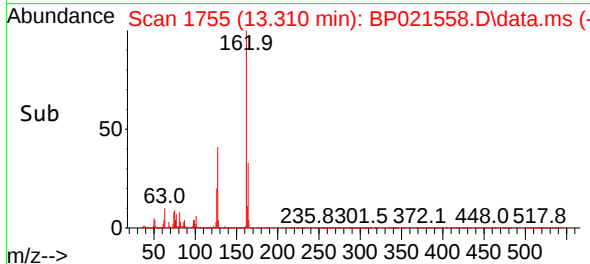
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:162 Resp: 2758590
Ion Ratio Lower Upper
162 100
127 41.4 31.9 47.9
164 33.0 26.8 40.2

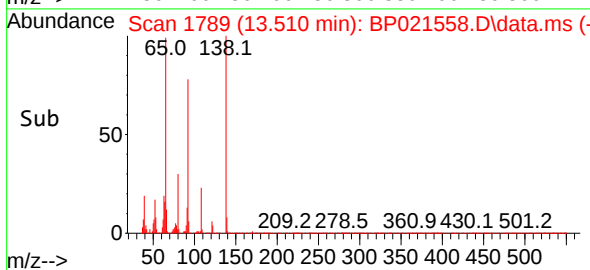
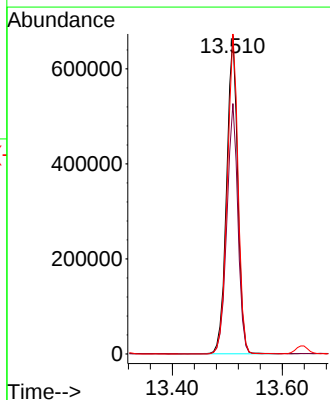
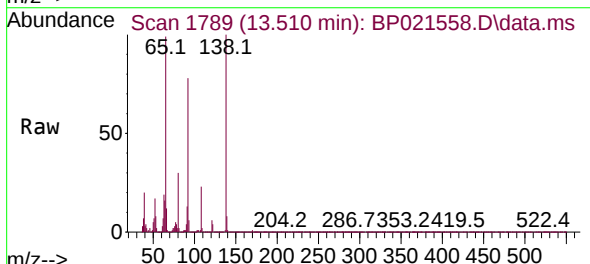
Manual Integrations
APPROVED

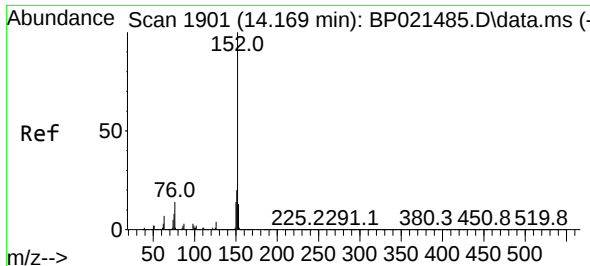
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#48
2-Nitroaniline
Concen: 63.597 ng
RT: 13.510 min Scan# 1789
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

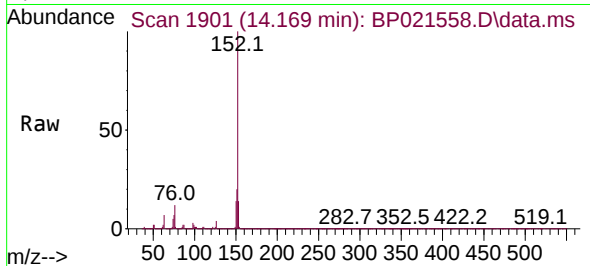
Tgt Ion: 65 Resp: 937369
Ion Ratio Lower Upper
65 100
92 78.6 58.1 87.1
138 100.5 65.5 98.3





#49
Acenaphthylene
Concen: 60.192 ng
RT: 14.169 min Scan# 1901
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

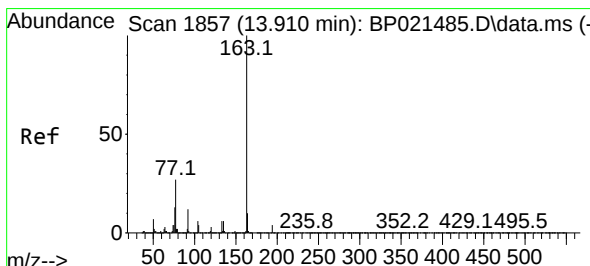
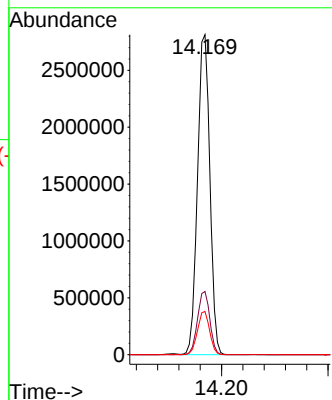
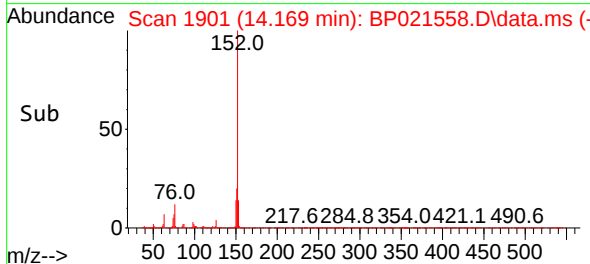
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



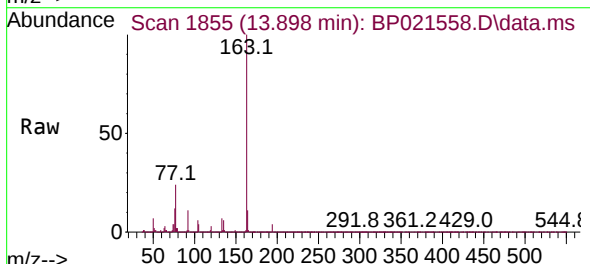
Tgt Ion:152 Resp: 4520215
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.5 10.6 16.0

Manual Integrations
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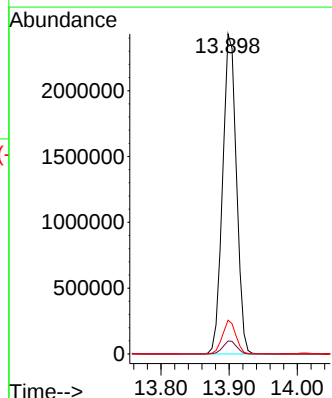
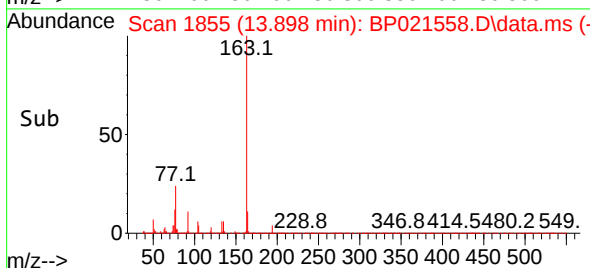
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

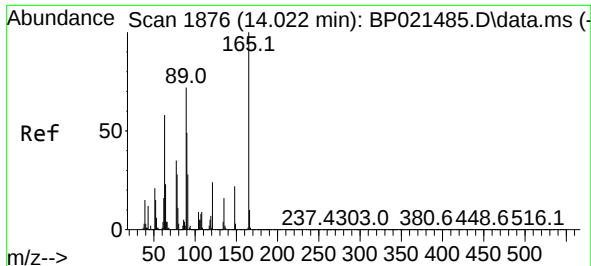


#50
Dimethylphthalate
Concen: 55.215 ng
RT: 13.898 min Scan# 1855
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10



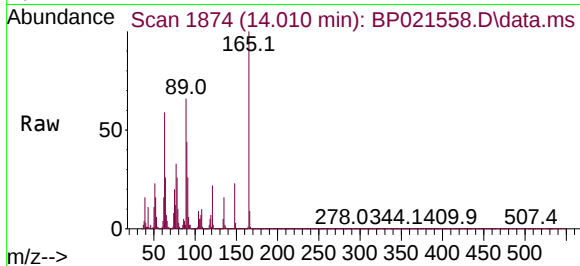
Tgt Ion:163 Resp: 3429273
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.5 8.3 12.5





#51
2,6-Dinitrotoluene
Concen: 59.297 ng
RT: 14.010 min Scan# 1876
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

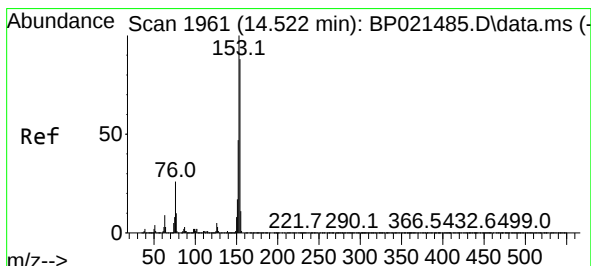
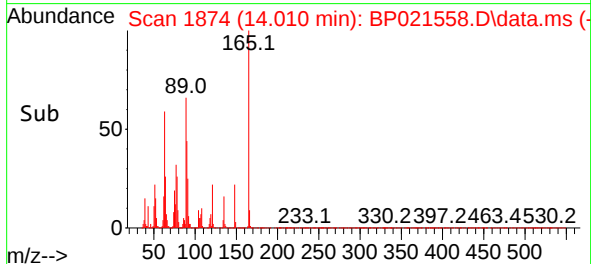
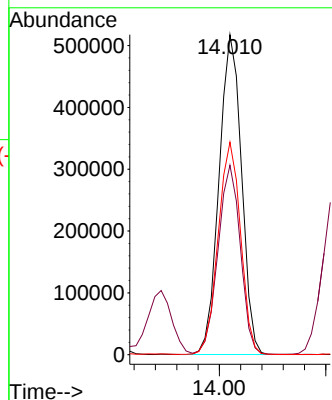
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:165 Resp: 755829
Ion Ratio Lower Upper
165 100
63 59.2 51.5 77.3
89 66.4 57.8 86.8

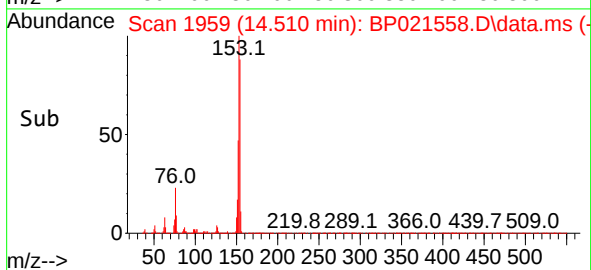
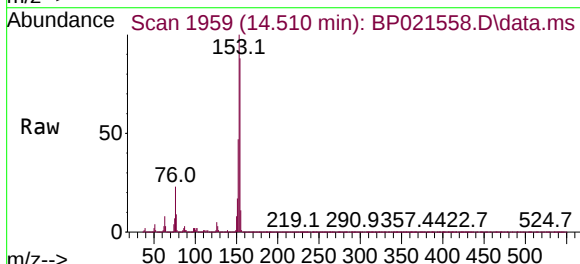
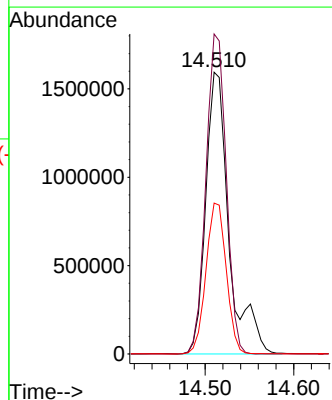
Manual Integrations
APPROVED

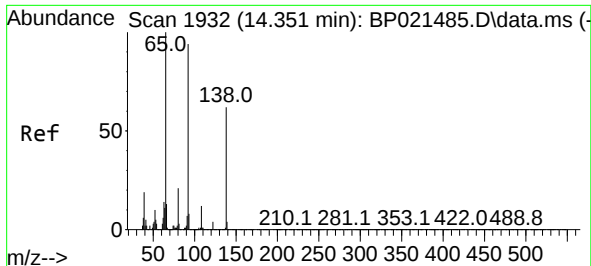
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#52
Acenaphthene
Concen: 59.149 ng m
RT: 14.510 min Scan# 1959
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:154 Resp: 2914459
Ion Ratio Lower Upper
154 100
153 113.5 91.1 136.7
152 53.5 43.0 64.4





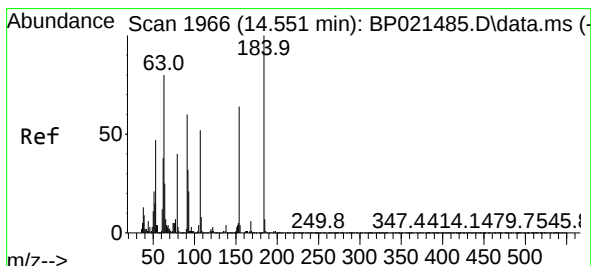
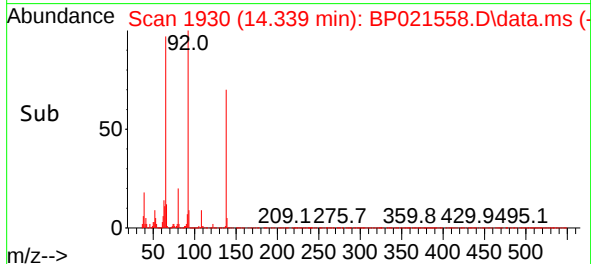
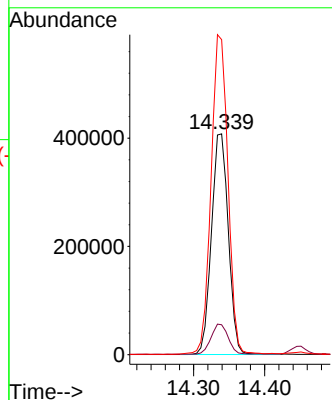
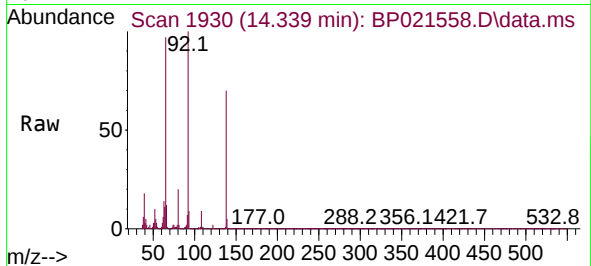
#53
3-Nitroaniline
Concen: 53.919 ng
RT: 14.339 min Scan# 1930
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

Tgt Ion:138 Resp: 670760
Ion Ratio Lower Upper
138 100
108 13.5 16.2 24.4
92 142.7 122.2 183.4

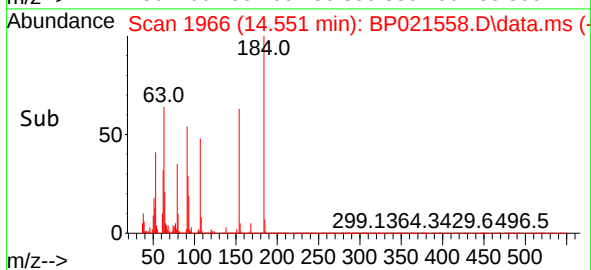
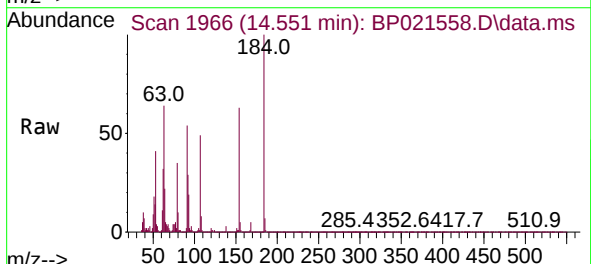
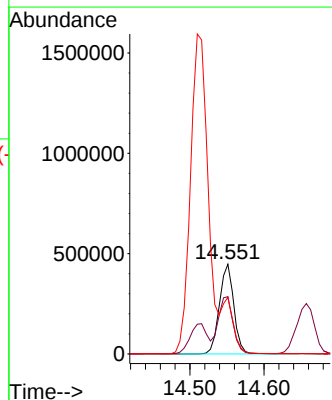
Manual Integrations
APPROVED

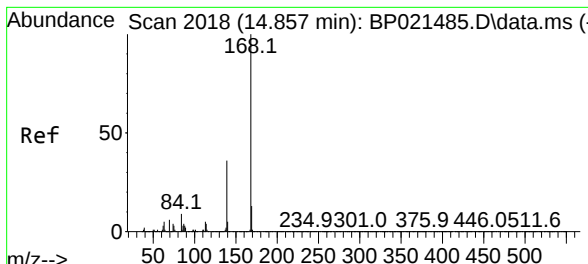
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#54
2,4-Dinitrophenol
Concen: 113.047 ng
RT: 14.551 min Scan# 1966
Delta R.T. 0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

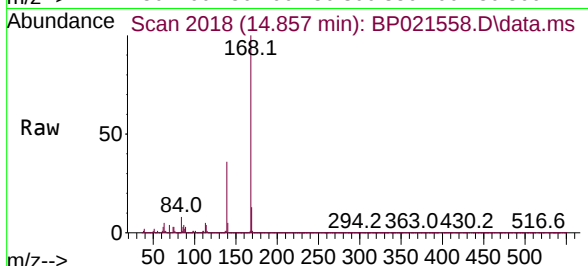
Tgt Ion:184 Resp: 602669
Ion Ratio Lower Upper
184 100
63 63.9 64.9 97.3
154 63.1 52.1 78.1





#55
Dibenzenofuran
Concen: 55.514 ng
RT: 14.857 min Scan# 2018
Delta R.T. 0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

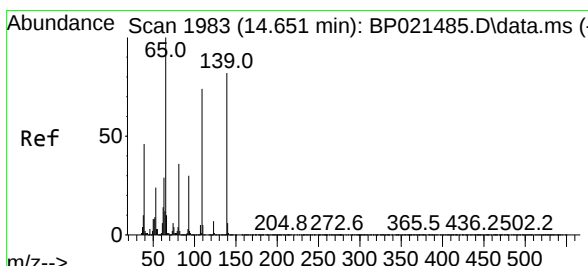
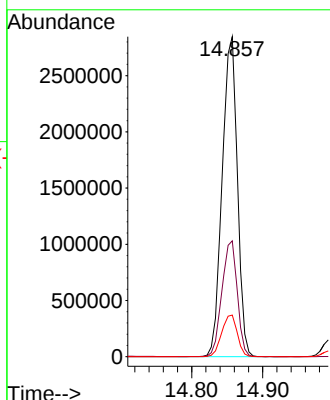
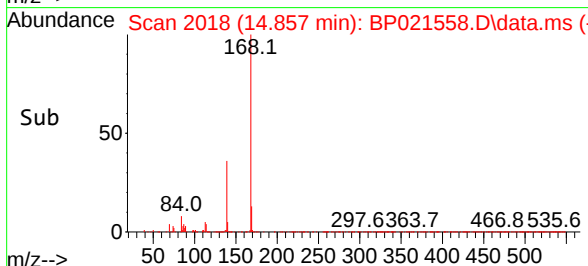
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:168 Resp: 4207878
Ion Ratio Lower Upper
168 100
139 36.2 28.6 43.0
169 13.0 10.6 16.0

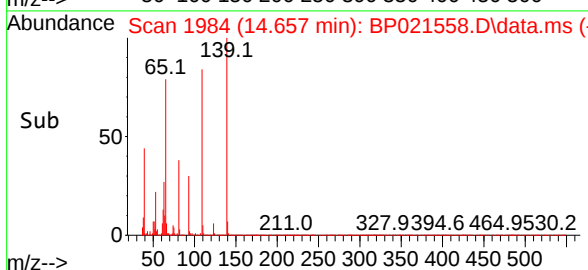
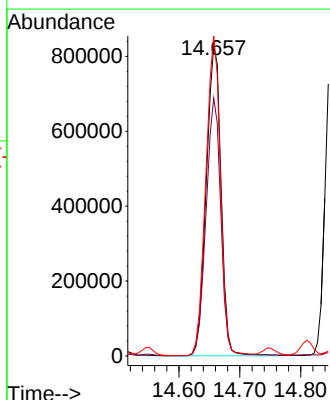
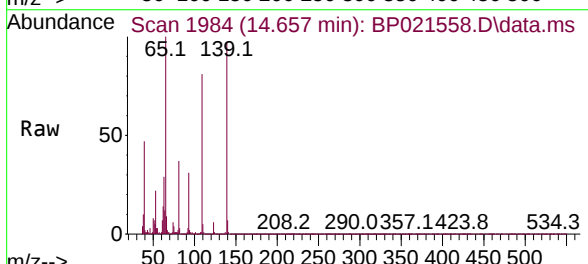
Manual Integrations
APPROVED

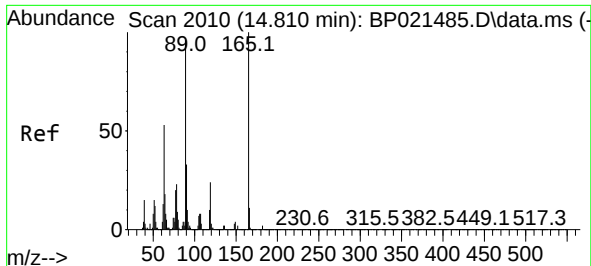
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#56
4-Nitrophenol
Concen: 132.186 ng
RT: 14.657 min Scan# 1984
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

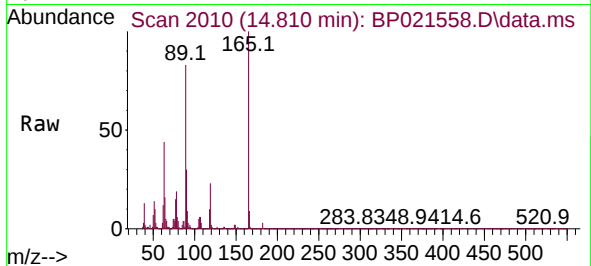
Tgt Ion:139 Resp: 1398040
Ion Ratio Lower Upper
139 100
109 83.1 70.2 110.2
65 103.1 101.8 141.8





#57
2,4-Dinitrotoluene
Concen: 64.871 ng
RT: 14.810 min Scan# 2010
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

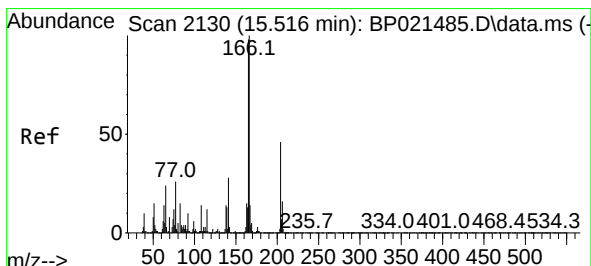
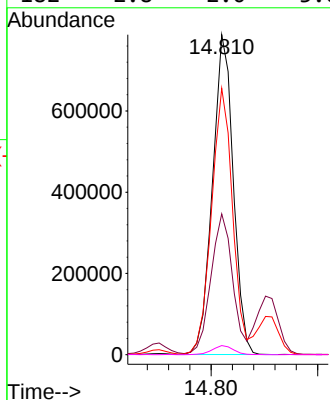
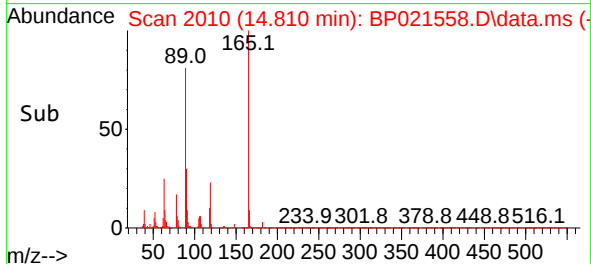
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:165 Resp: 106525
Ion Ratio Lower Upper
165 100
63 44.0 42.5 63.7
89 83.3 77.1 115.7
182 2.8 2.0 3.0

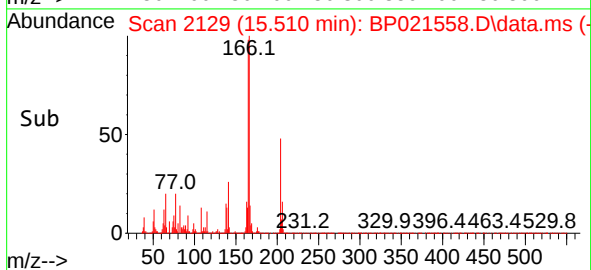
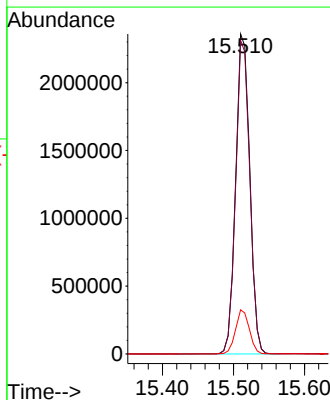
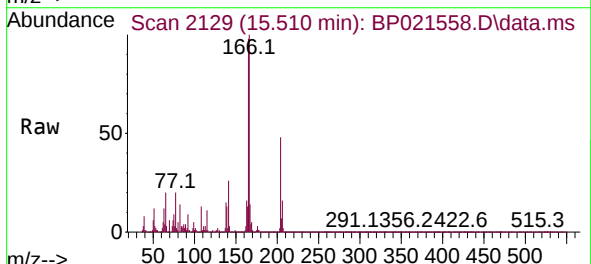
Manual Integrations
APPROVED

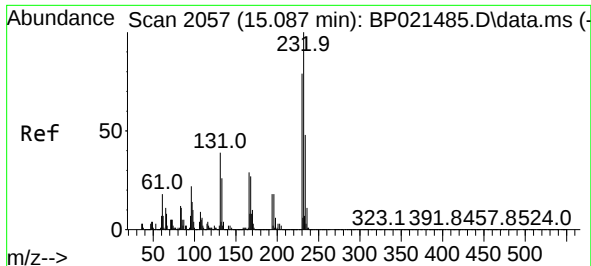
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#58
Fluorene
Concen: 52.485 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

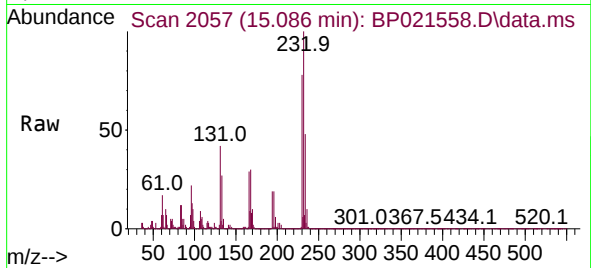
Tgt Ion:166 Resp: 3268239
Ion Ratio Lower Upper
166 100
165 98.0 78.1 117.1
167 13.8 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 69.387 ng
RT: 15.086 min Scan# 2057
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

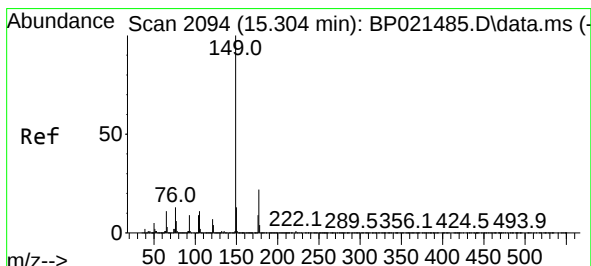
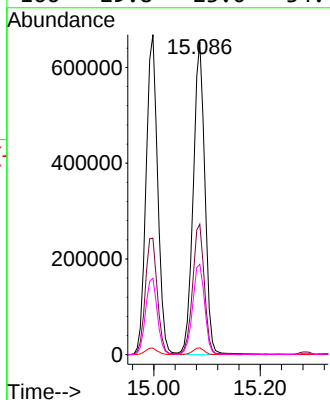
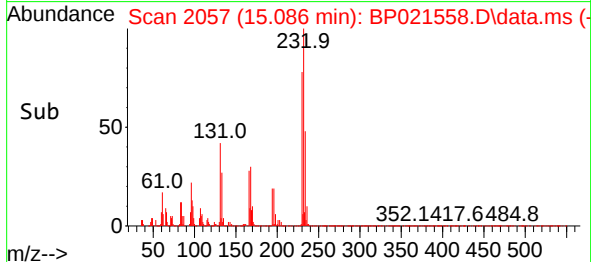
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:232 Resp: 987704
Ion Ratio Lower Upper
232 100
131 42.0 33.1 49.7
130 2.1 1.7 2.5
166 29.8 23.0 34.4

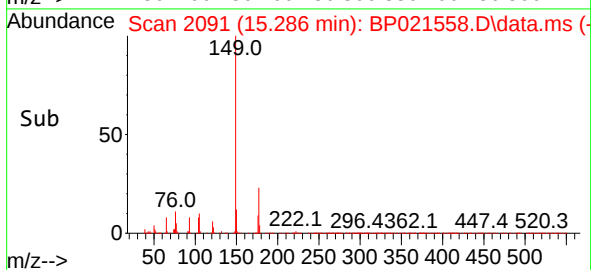
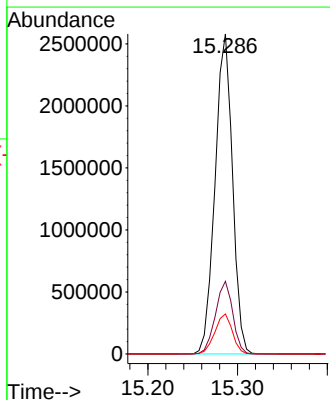
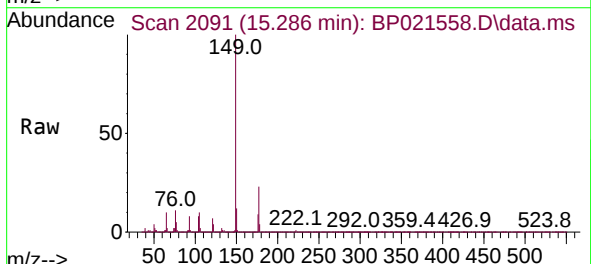
Manual Integrations
APPROVED

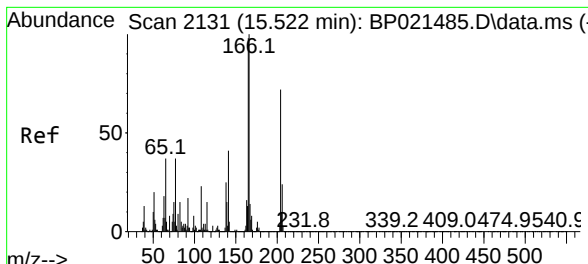
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#60
Diethylphthalate
Concen: 54.455 ng
RT: 15.286 min Scan# 2091
Delta R.T. -0.018 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:149 Resp: 3470169
Ion Ratio Lower Upper
149 100
177 22.7 17.8 26.8
150 12.5 10.1 15.1





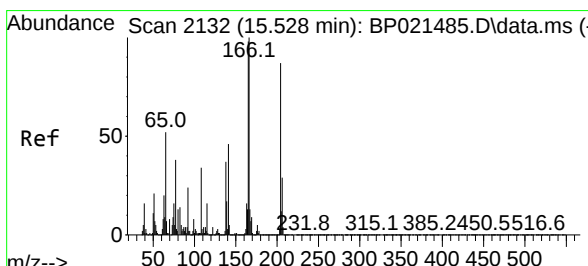
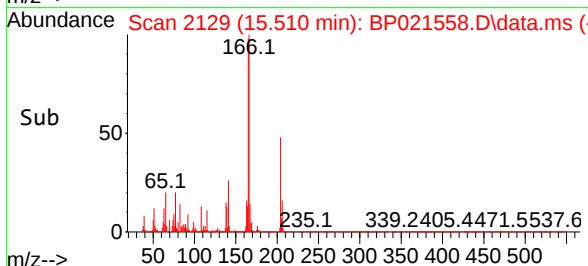
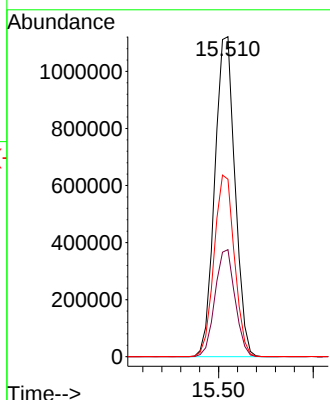
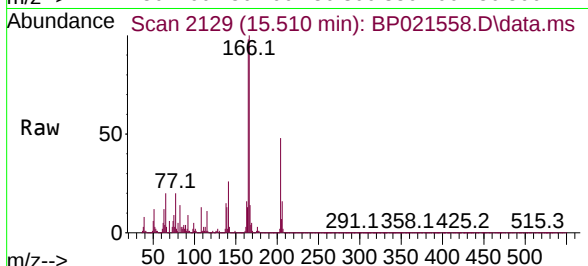
#61
4-Chlorophenyl-phenylether
Concen: 51.695 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

Tgt Ion:204 Resp: 1663970
Ion Ratio Lower Upper
204 100
206 33.5 26.4 39.6
141 55.4 46.1 69.1

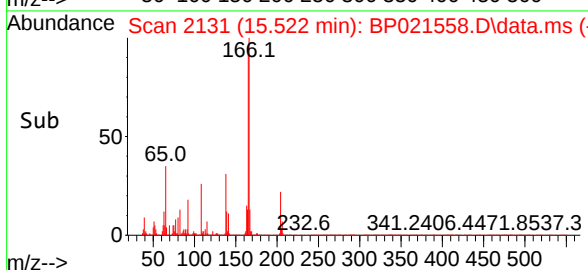
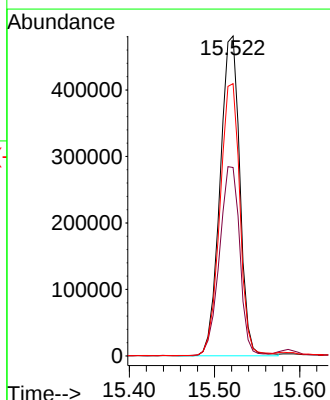
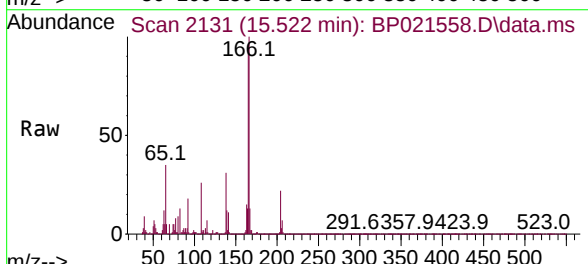
Manual Integrations
APPROVED

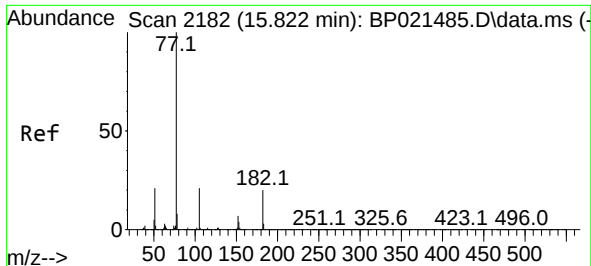
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#62
4-Nitroaniline
Concen: 60.342 ng
RT: 15.522 min Scan# 2131
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

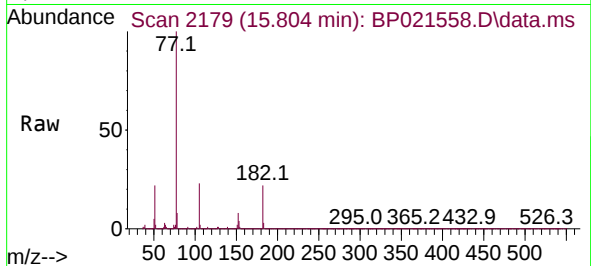
Tgt Ion:138 Resp: 774219
Ion Ratio Lower Upper
138 100
92 58.9 46.4 86.4
108 85.1 73.2 113.2





#63
Azobenzene
Concen: 49.133 ng
RT: 15.804 min Scan# 2182
Delta R.T. -0.018 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

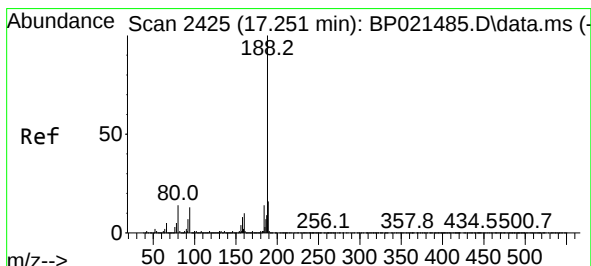
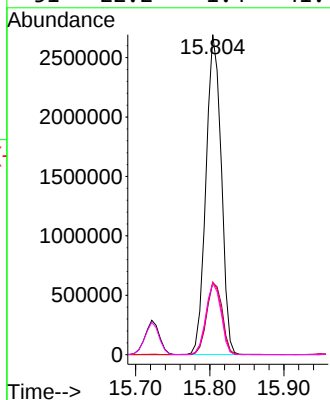
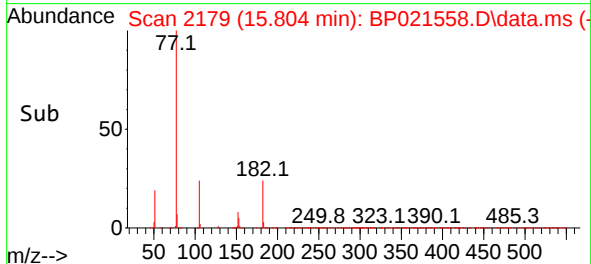
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion: 77 Resp: 3848772
Ion Ratio Lower Upper
77 100
182 22.5 0.0 39.9
105 22.7 0.9 40.9
51 22.2 1.4 41.4

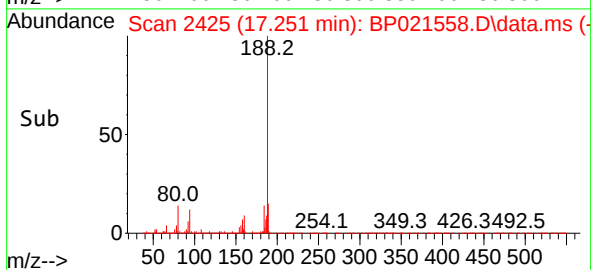
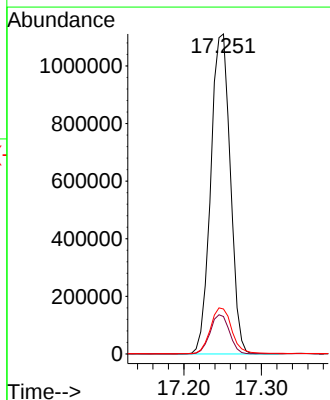
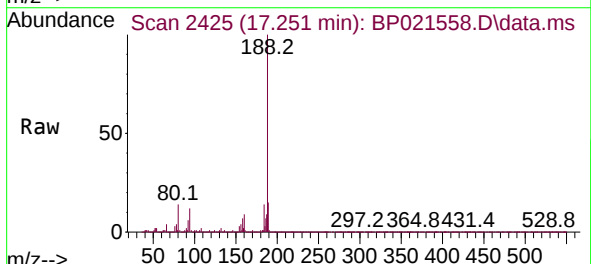
Manual Integrations
APPROVED

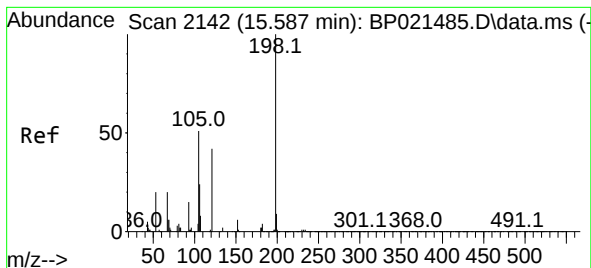
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.251 min Scan# 2425
Delta R.T. -0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

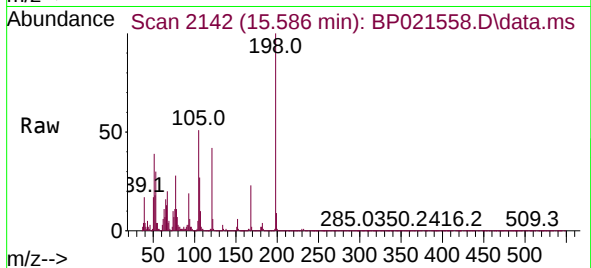
Tgt Ion:188 Resp: 1948663
Ion Ratio Lower Upper
188 100
94 11.7 10.2 15.4
80 14.1 11.6 17.4





#65
4,6-Dinitro-2-methylphenol
Concen: 66.054 ng
RT: 15.586 min Scan# 2142
Delta R.T. -0.001 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

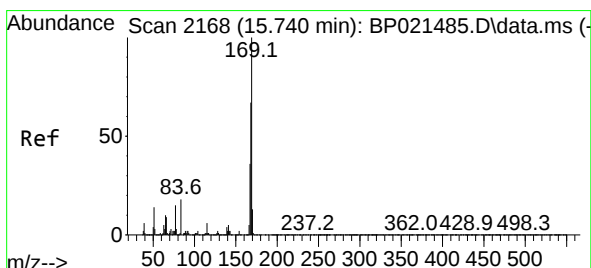
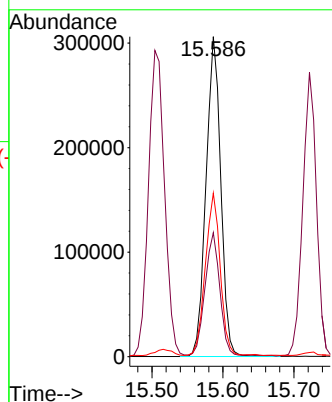
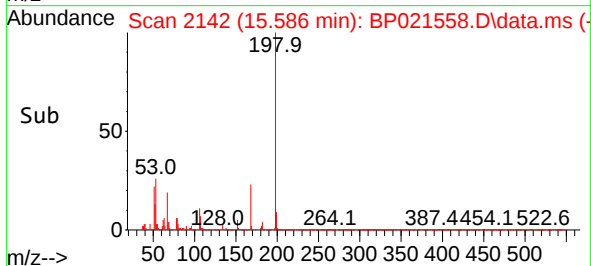
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:198 Resp: 442111
Ion Ratio Lower Upper
198 100
51 38.7 21.5 61.5
105 51.1 32.9 72.9

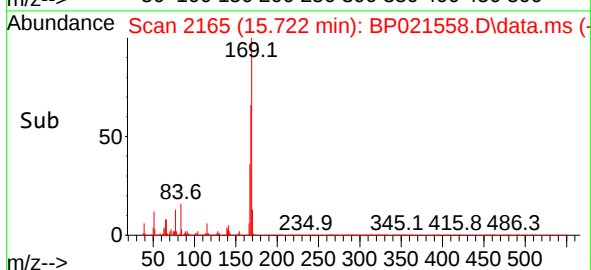
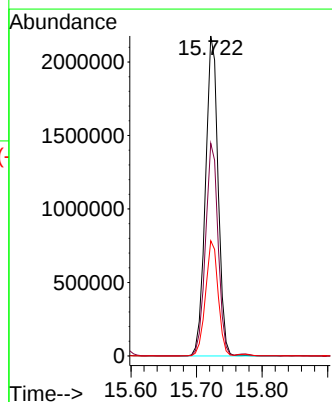
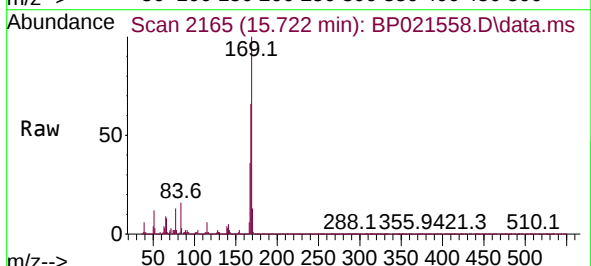
Manual Integrations
APPROVED

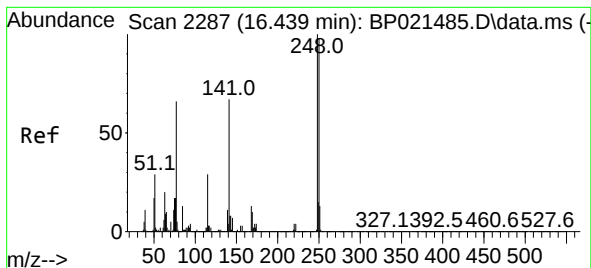
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#66
n-Nitrosodiphenylamine
Concen: 55.898 ng
RT: 15.722 min Scan# 2165
Delta R.T. -0.018 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

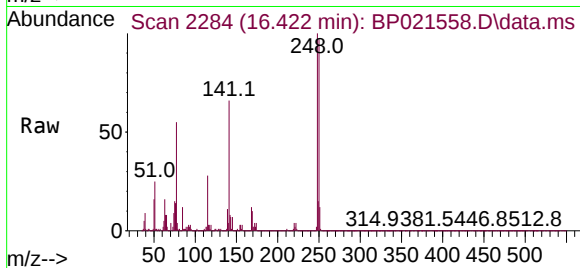
Tgt Ion:169 Resp: 2919075
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.2
167 36.0 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 54.912 ng
RT: 16.422 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

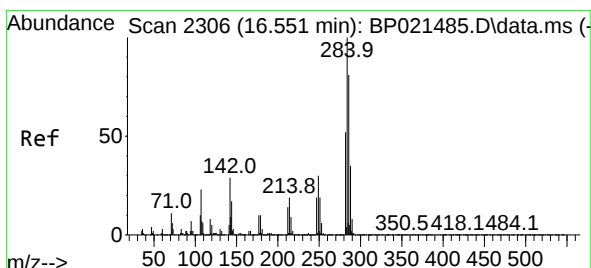
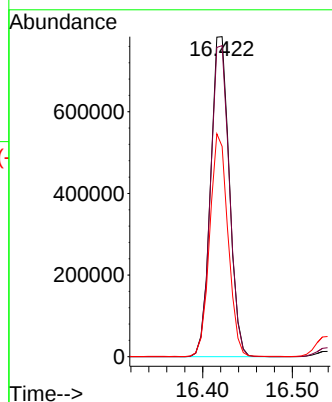
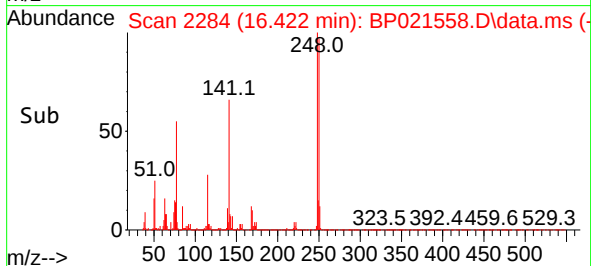
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:248 Resp: 113248
Ion Ratio Lower Upper
248 100
250 97.2 78.6 117.8
141 65.7 53.9 80.9

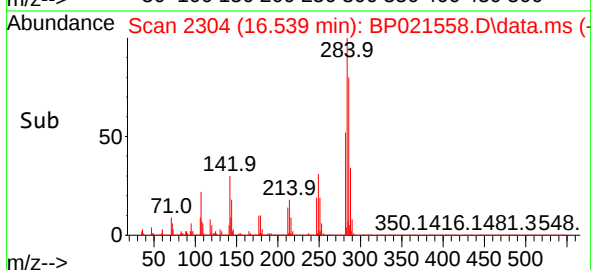
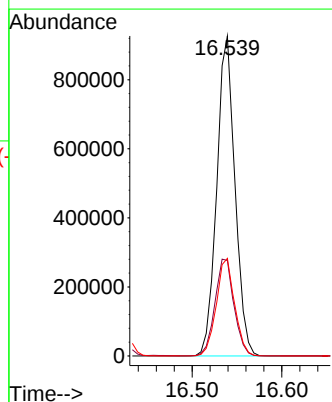
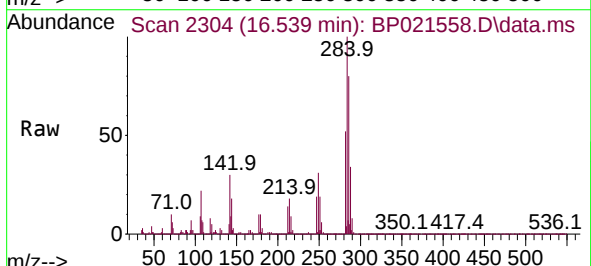
Manual Integrations
APPROVED

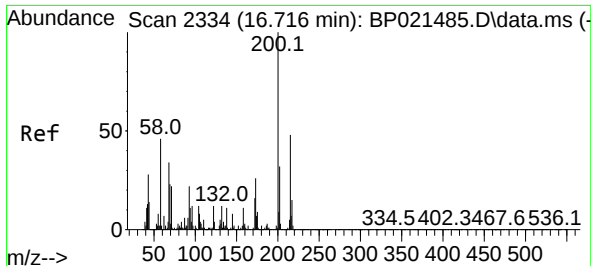
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#68
Hexachlorobenzene
Concen: 53.537 ng
RT: 16.539 min Scan# 2304
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:284 Resp: 1304837
Ion Ratio Lower Upper
284 100
142 29.9 23.4 35.2
249 30.5 24.1 36.1





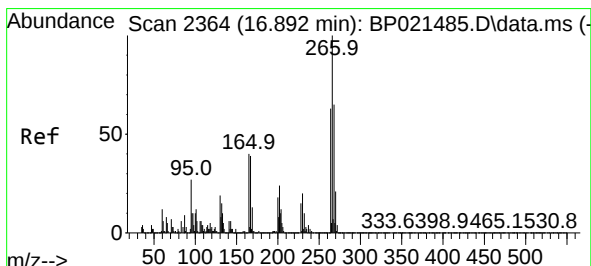
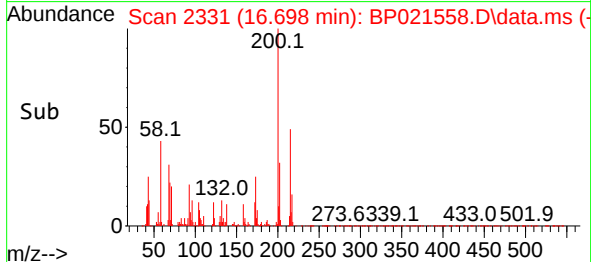
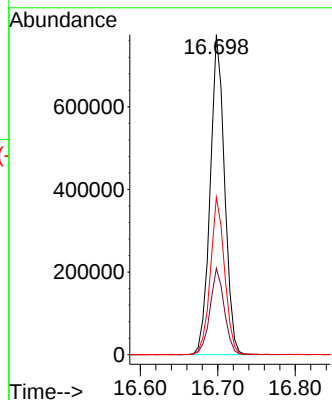
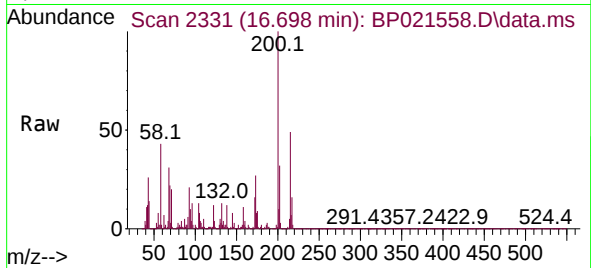
#69
Atrazine
Concen: 55.727 ng
RT: 16.698 min Scan# 21
Delta R.T. -0.018 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD

Tgt Ion:200 Resp: 99913
Ion Ratio Lower Upper
200 100
173 27.0 6.2 46.2
215 49.2 28.4 68.4

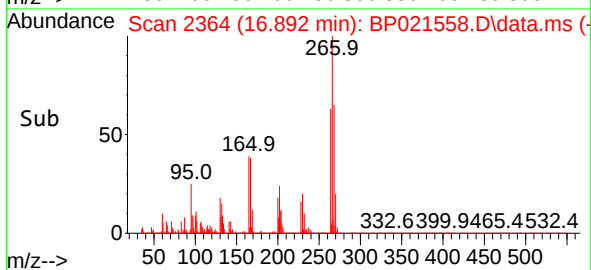
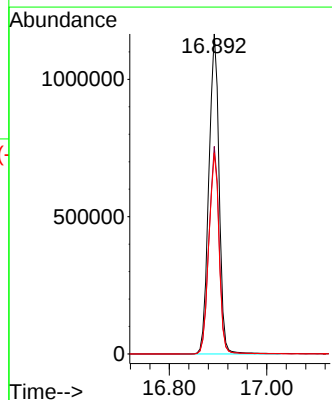
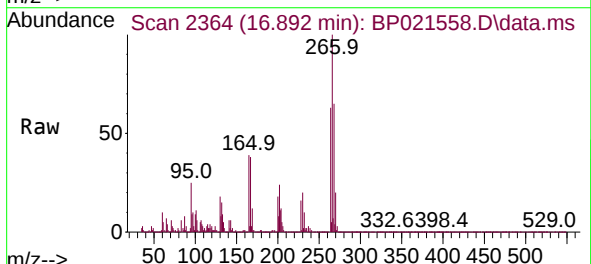
Manual Integrations
APPROVED

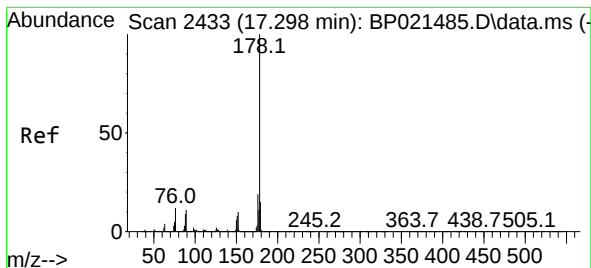
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#70
Pentachlorophenol
Concen: 127.653 ng
RT: 16.892 min Scan# 2364
Delta R.T. 0.000 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:266 Resp: 1698108
Ion Ratio Lower Upper
266 100
268 64.9 51.8 77.6
264 62.9 50.5 75.7





#71

Phenanthrene

Concen: 57.693 ng

RT: 17.292 min Scan# 2433

Delta R.T. -0.006 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

Tgt Ion:178 Resp: 540677

Ion Ratio Lower Upper

178 100

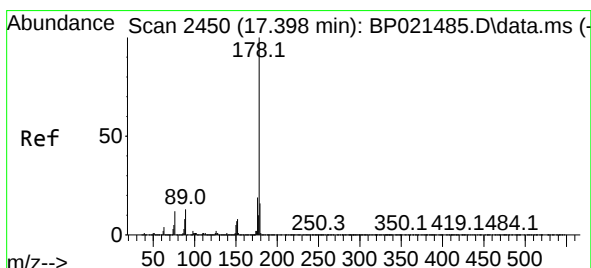
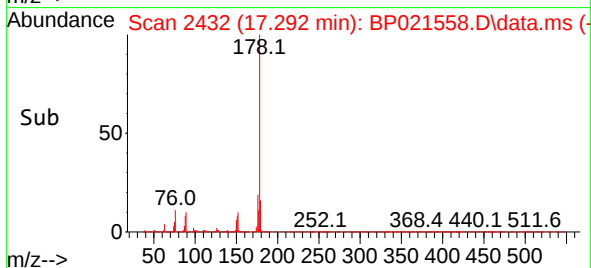
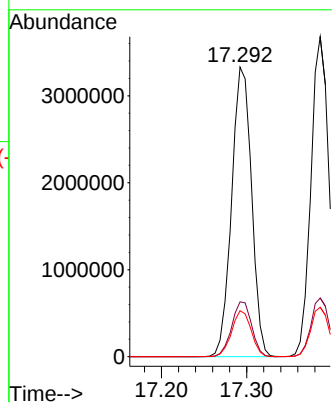
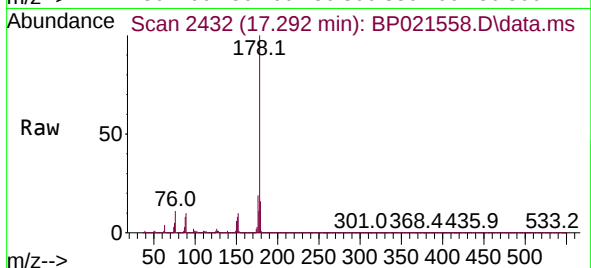
176 19.0 15.4 23.2

179 15.8 12.4 18.6

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#72

Anthracene

Concen: 58.486 ng

RT: 17.386 min Scan# 2448

Delta R.T. -0.012 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

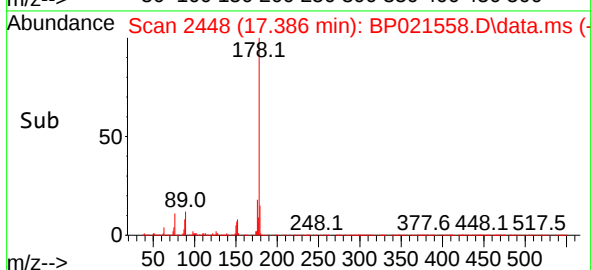
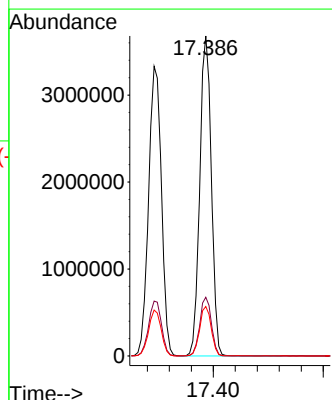
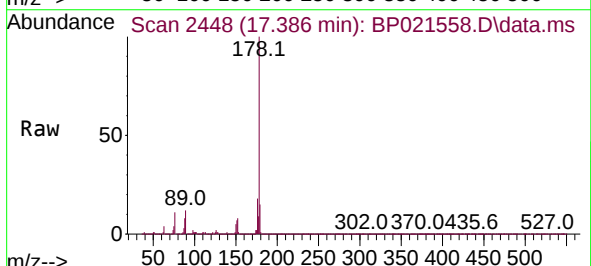
Tgt Ion:178 Resp: 5375410

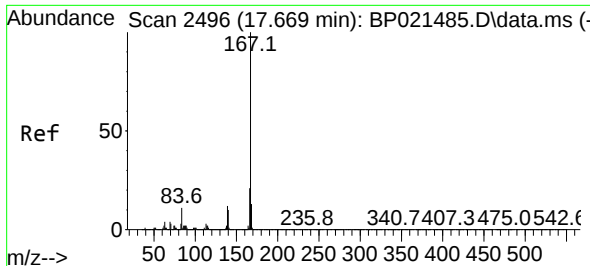
Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

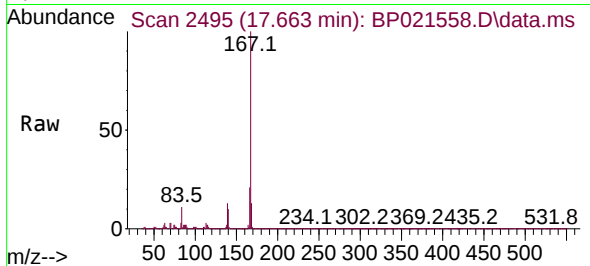
179 15.5 12.5 18.7





#73
Carbazole
Concen: 56.834 ng
RT: 17.663 min Scan# 2496
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

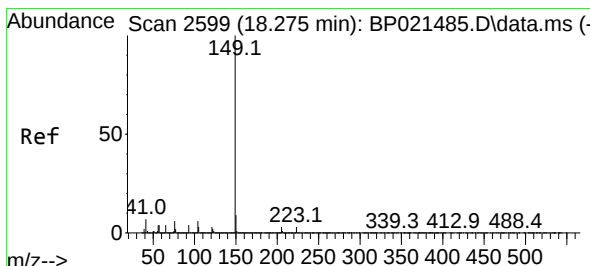
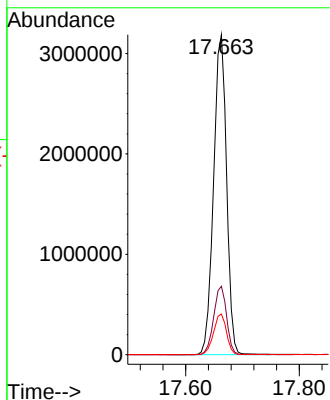
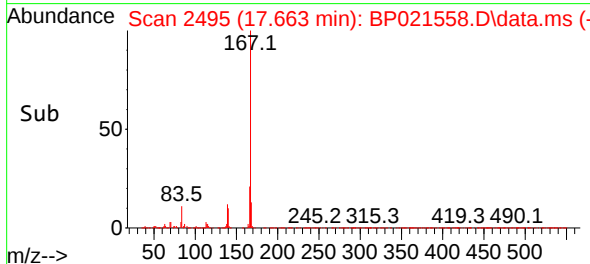
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:167 Resp: 5034035
Ion Ratio Lower Upper
167 100
166 21.4 17.0 25.4
139 12.7 9.9 14.9

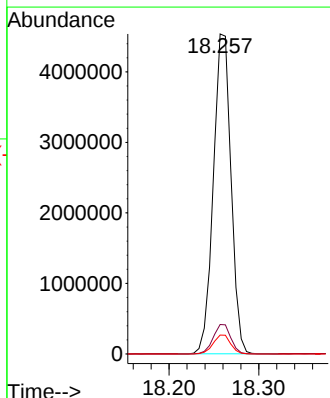
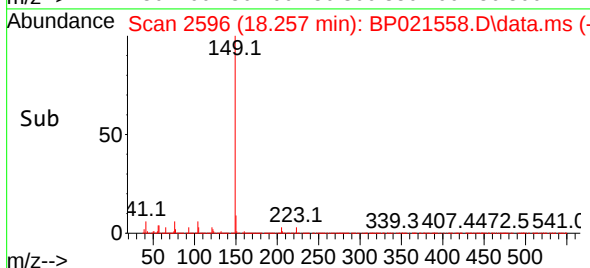
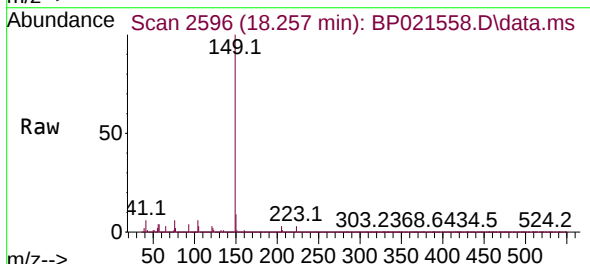
Manual Integrations
APPROVED

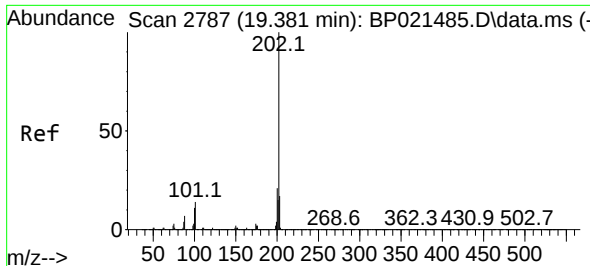
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#74
Di-n-butylphthalate
Concen: 56.948 ng
RT: 18.257 min Scan# 2596
Delta R.T. -0.018 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

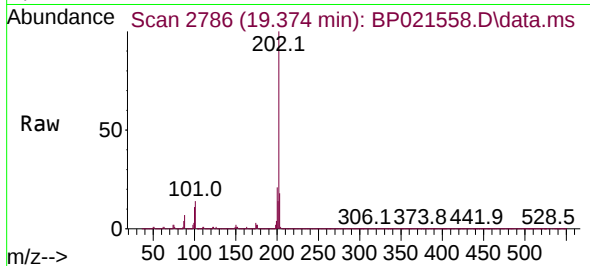
Tgt Ion:149 Resp: 6194834
Ion Ratio Lower Upper
149 100
150 9.2 7.5 11.3
104 5.9 4.9 7.3





#75
Fluoranthene
Concen: 57.341 ng
RT: 19.374 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

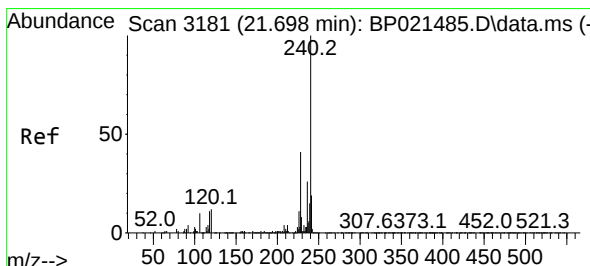
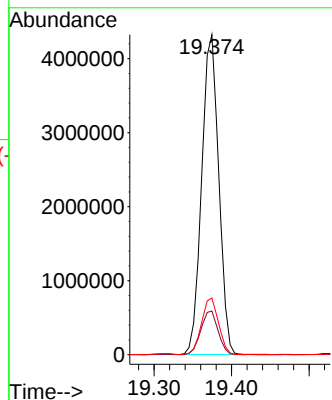
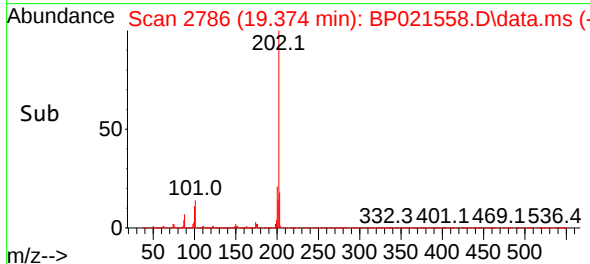
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:202 Resp: 659344
Ion Ratio Lower Upper
202 100
101 13.6 0.0 34.0
203 17.7 0.0 37.5

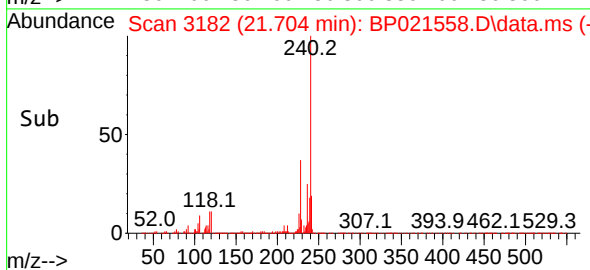
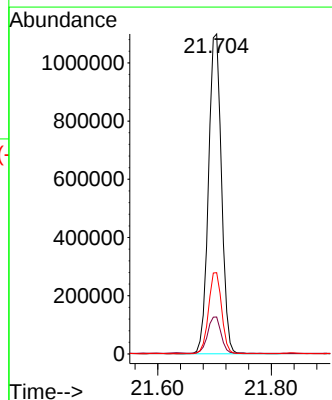
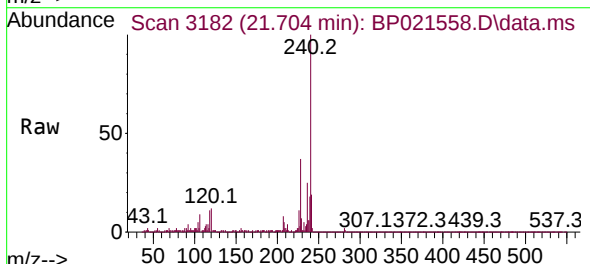
Manual Integrations
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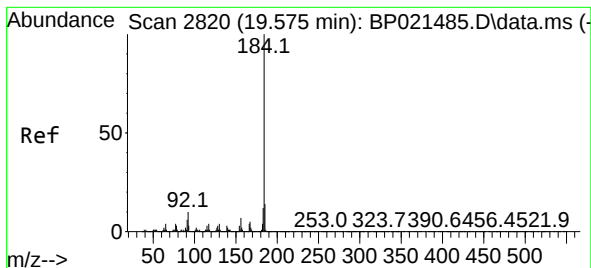
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.704 min Scan# 3182
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:240 Resp: 1729550
Ion Ratio Lower Upper
240 100
120 11.6 9.9 14.9
236 25.4 20.6 30.8





#77

Benzidine

Concen: 60.346 ng

RT: 19.563 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

Tgt Ion:184 Resp: 229224

Ion Ratio Lower Upper

184 100

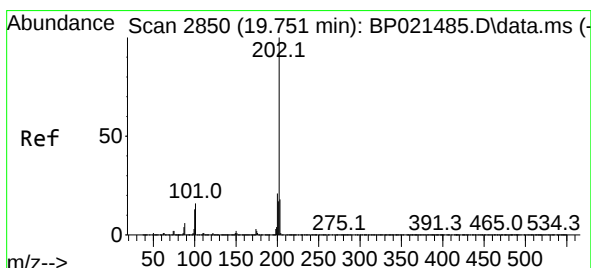
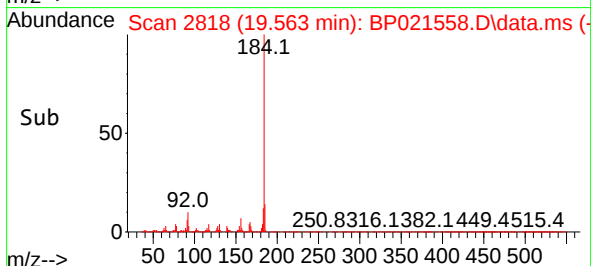
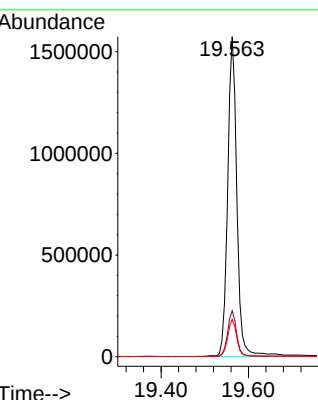
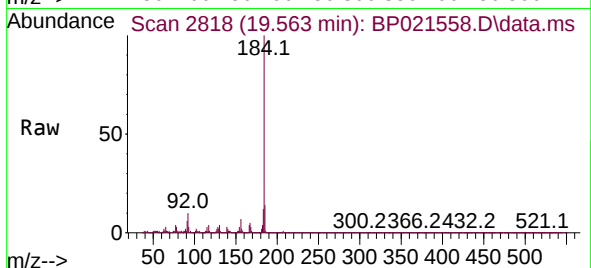
185 14.4 11.4 17.0

183 11.7 9.3 13.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#78

Pyrene

Concen: 59.660 ng

RT: 19.751 min Scan# 2850

Delta R.T. -0.000 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

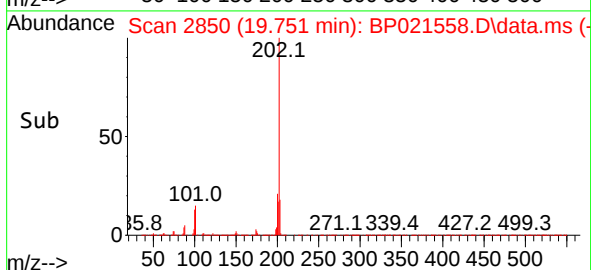
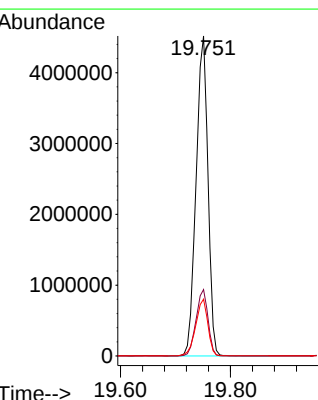
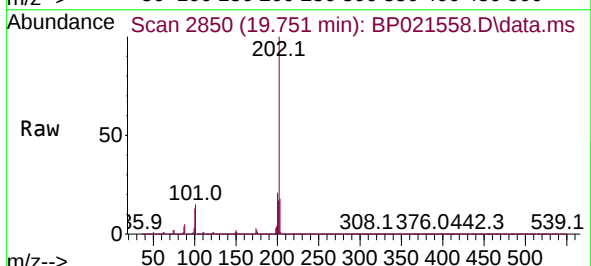
Tgt Ion:202 Resp: 6744339

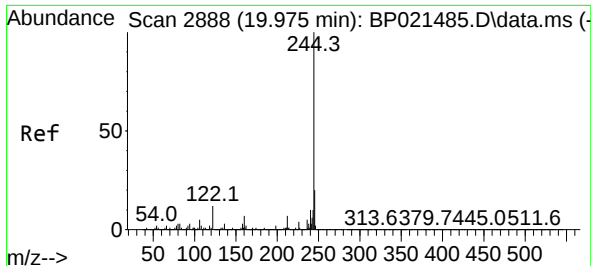
Ion Ratio Lower Upper

202 100

200 20.8 16.7 25.1

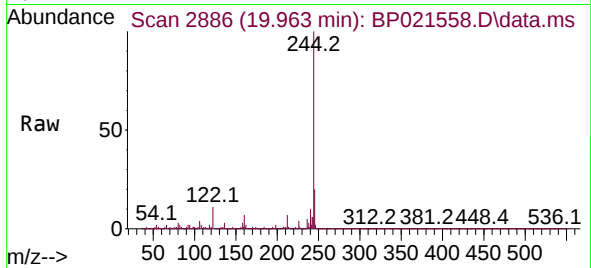
203 17.7 14.1 21.1





#79
 Terphenyl-d14
 Concen: 45.082 ng
 RT: 19.963 min Scan# 2886
 Delta R.T. -0.012 min
 Lab File: BP021558.D
 Acq: 19 Aug 2024 18:10

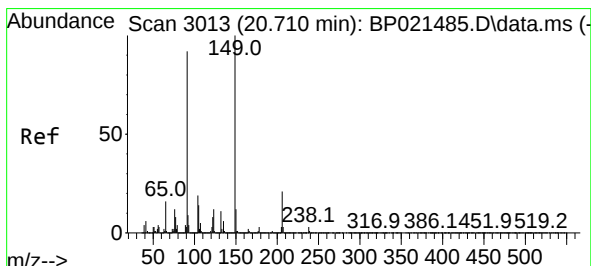
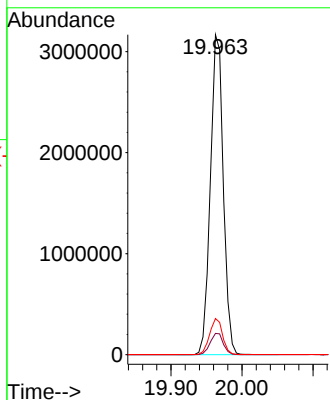
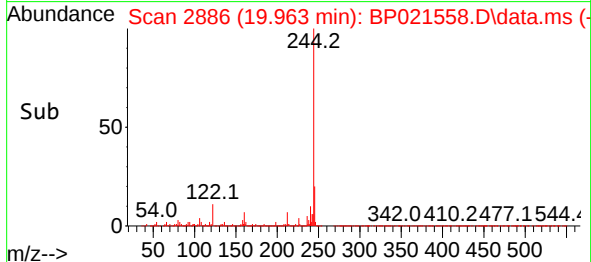
Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-08-080724MSD



Tgt Ion:244 Resp: 401351
 Ion Ratio Lower Upper
 244 100
 212 6.7 5.6 8.4
 122 11.3 9.4 14.2

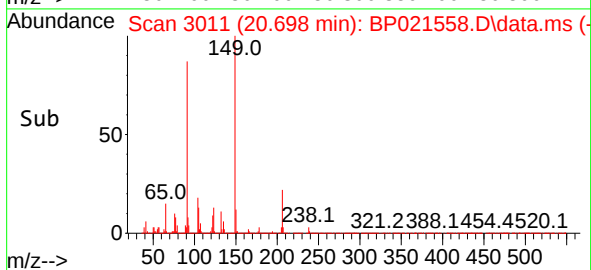
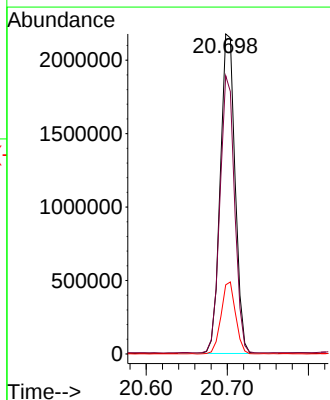
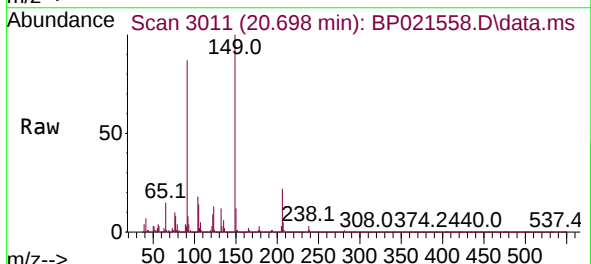
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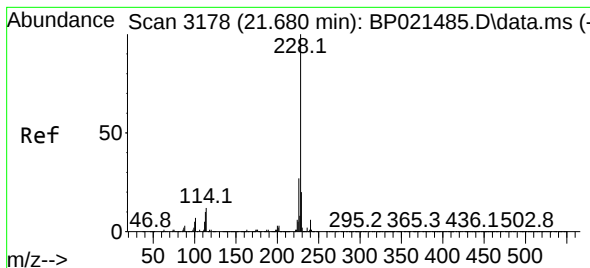
Reviewed By :Jagrut Upadhyay 08/20/2024
 Supervised By :mohammad ahmed 08/21/2024



#80
 Butylbenzylphthalate
 Concen: 63.290 ng
 RT: 20.698 min Scan# 3011
 Delta R.T. -0.012 min
 Lab File: BP021558.D
 Acq: 19 Aug 2024 18:10

Tgt Ion:149 Resp: 2768683
 Ion Ratio Lower Upper
 149 100
 91 87.0 73.3 109.9
 206 21.6 17.1 25.7





#81

Benzo(a)anthracene

Concen: 59.401 ng

RT: 21.680 min Scan# 3178

Delta R.T. -0.000 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

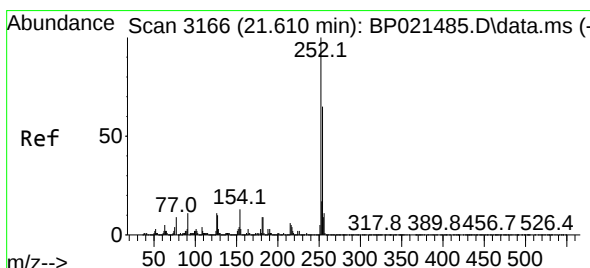
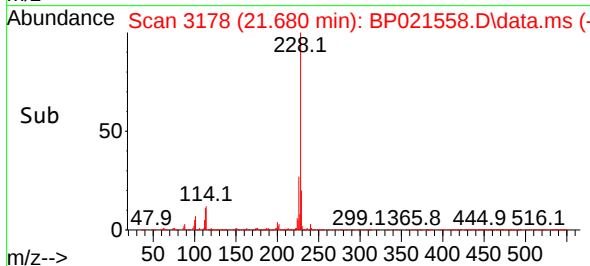
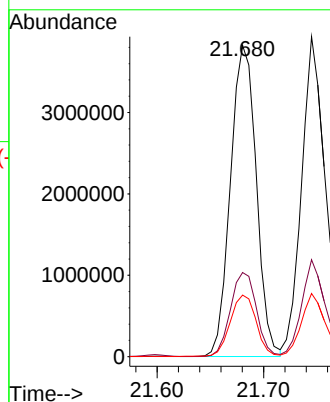
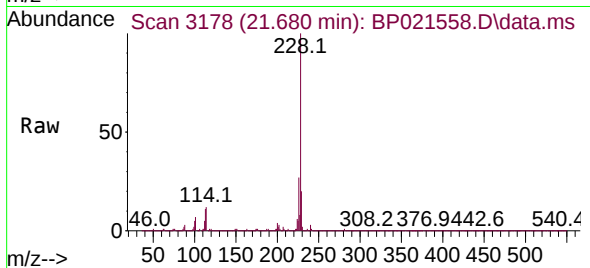
Tgt Ion:228 Resp: 644945

Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.4	32.2
229	19.8	15.8	23.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#82

3,3'-Dichlorobenzidine

Concen: 57.393 ng

RT: 21.598 min Scan# 3164

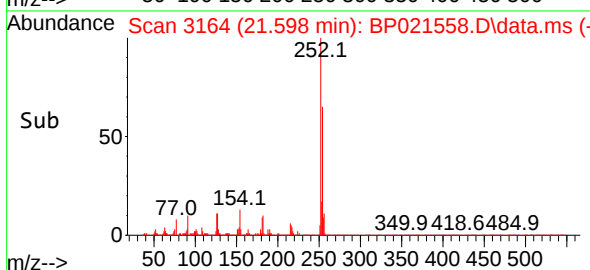
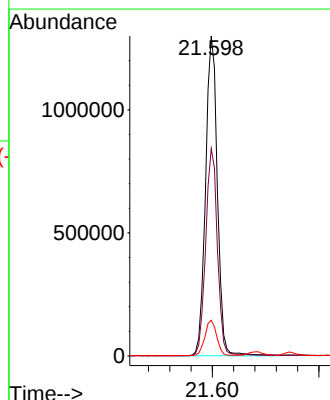
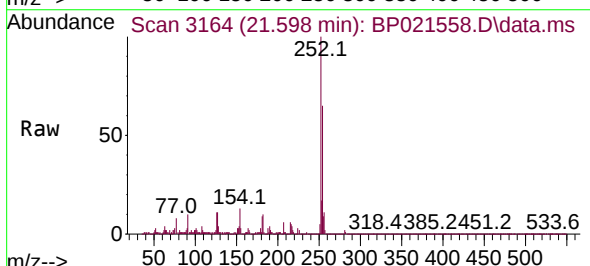
Delta R.T. -0.012 min

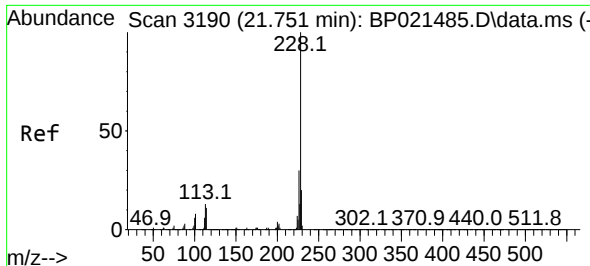
Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Tgt Ion:252 Resp: 1997939

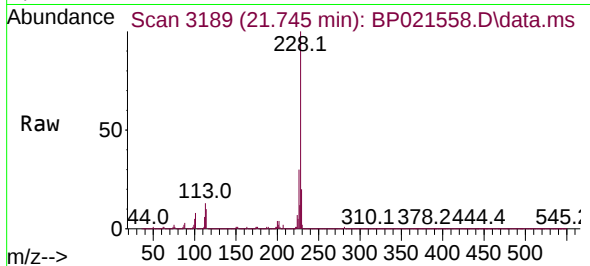
Ion	Ratio	Lower	Upper
252	100		
254	64.8	51.7	77.5
126	11.1	8.7	13.1





#83
Chrysene
Concen: 59.298 ng
RT: 21.745 min Scan# 3190
Delta R.T. -0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

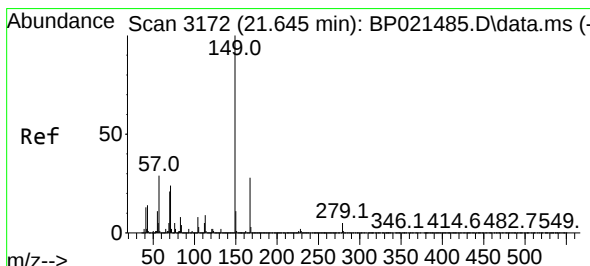
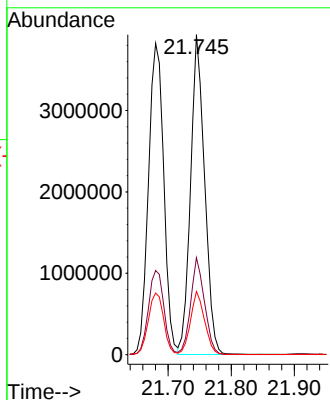
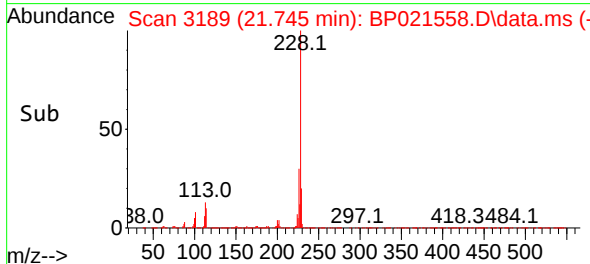
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:228 Resp: 607865
Ion Ratio Lower Upper
228 100
226 30.3 23.9 35.9
229 19.8 15.8 23.6

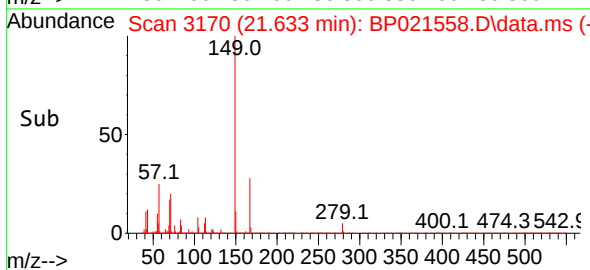
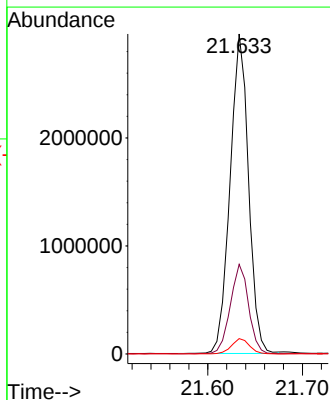
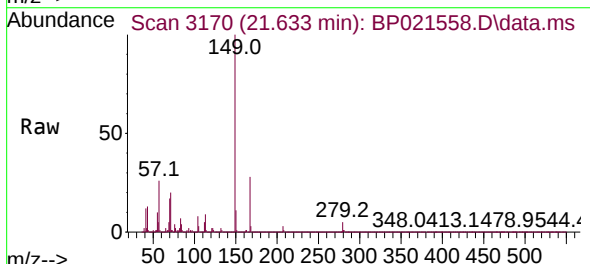
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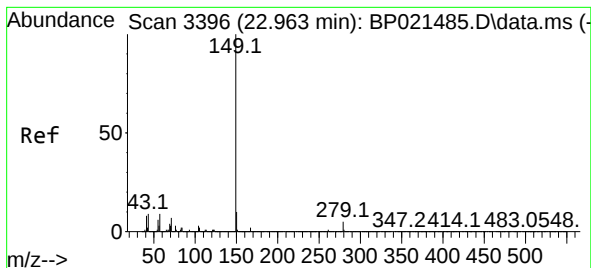
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#84
Bis(2-ethylhexyl)phthalate
Concen: 62.393 ng
RT: 21.633 min Scan# 3170
Delta R.T. -0.012 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

Tgt Ion:149 Resp: 4003843
Ion Ratio Lower Upper
149 100
167 28.0 22.3 33.5
279 4.8 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 60.638 ng

RT: 22.951 min Scan# 31

Delta R.T. -0.012 min

Lab File: BP021558.D

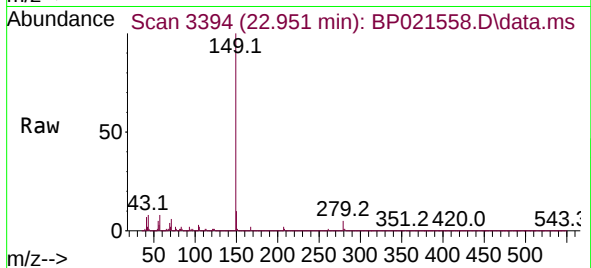
Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD



Tgt Ion:149 Resp: 6994994

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

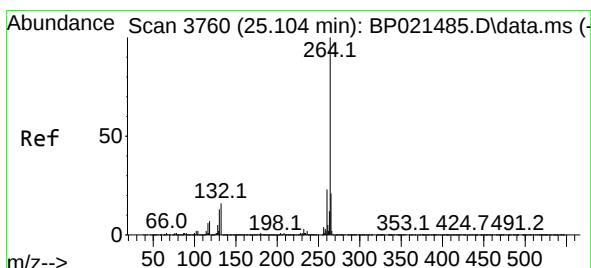
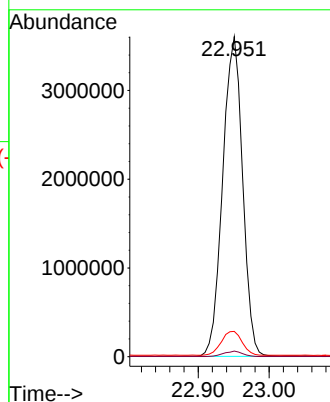
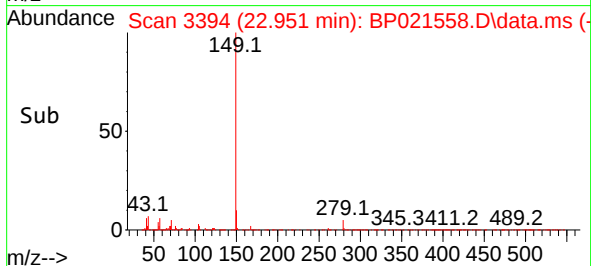
43 7.8 7.3 10.9

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024

Supervised By :mohammad ahmed 08/21/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.133 min Scan# 3765

Delta R.T. 0.029 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

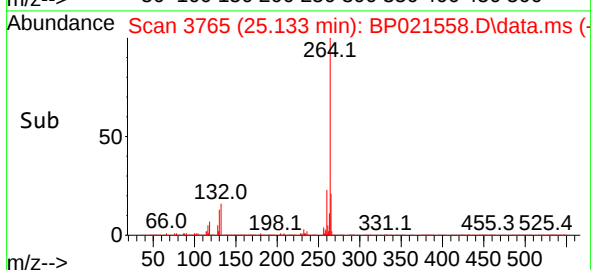
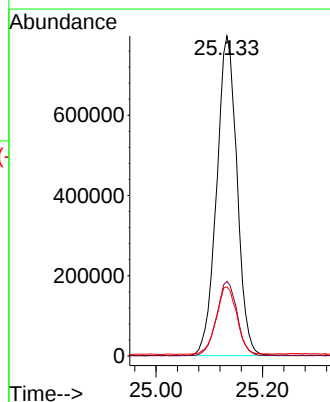
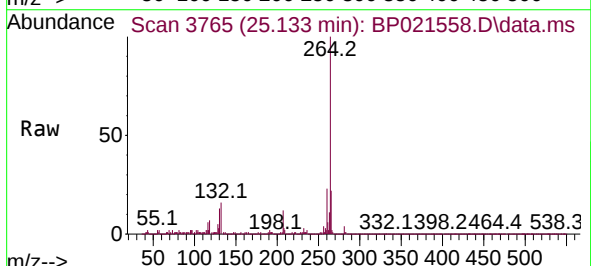
Tgt Ion:264 Resp: 2112740

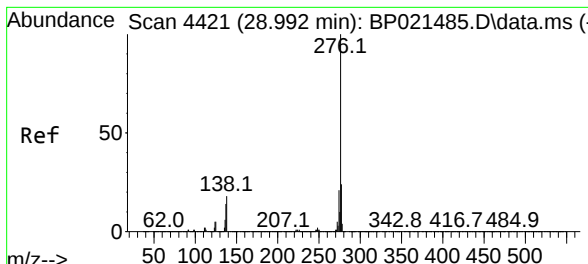
Ion Ratio Lower Upper

264 100

260 23.3 18.6 28.0

265 21.6 17.1 25.7





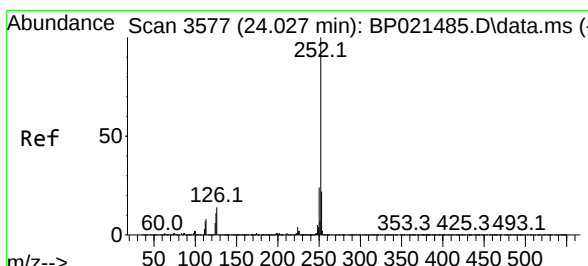
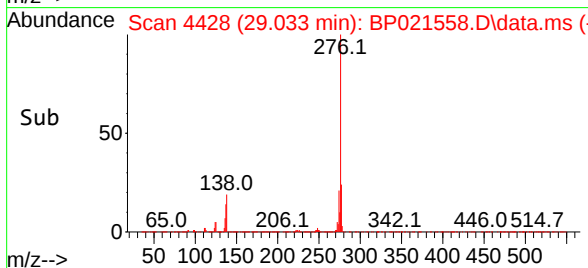
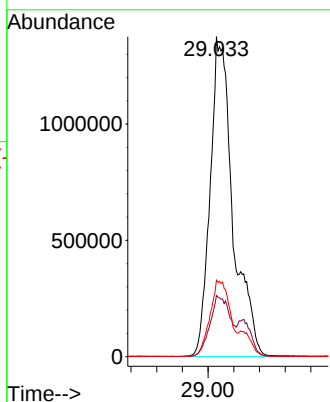
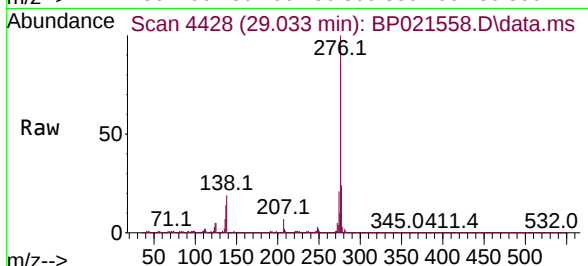
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 61.673 ng m
 RT: 29.033 min Scan# 4421
 Delta R.T. 0.041 min
 Lab File: BP021558.D
 Acq: 19 Aug 2024 18:10

Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-08-080724MSD

Tgt Ion: 276 Resp: 844610
 Ion Ratio Lower Upper
 276 100
 138 17.1 12.8 19.2
 277 21.0 16.5 24.7

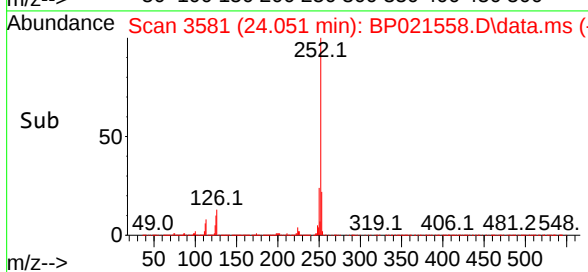
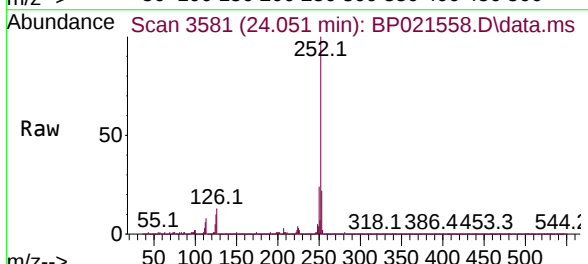
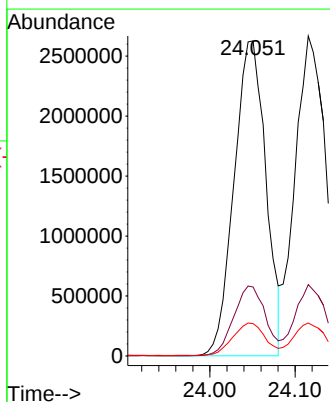
Manual Integrations
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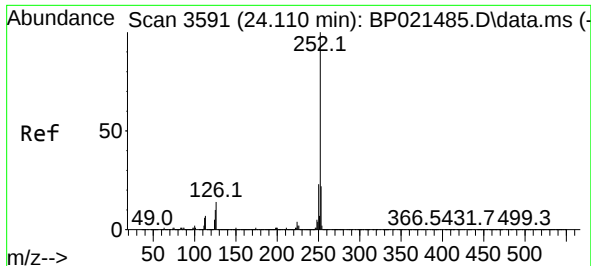
Reviewed By : Jagrut Upadhyay 08/20/2024
 Supervised By : mohammad ahmed 08/21/2024



#88
 Benzo(b)fluoranthene
 Concen: 56.086 ng
 RT: 24.051 min Scan# 3581
 Delta R.T. 0.023 min
 Lab File: BP021558.D
 Acq: 19 Aug 2024 18:10

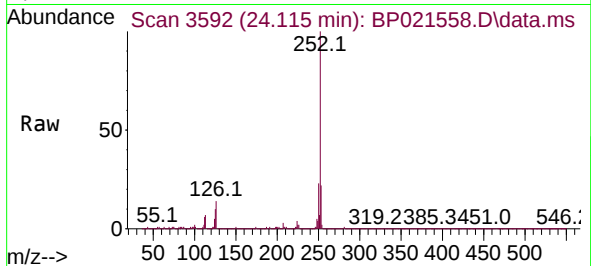
Tgt Ion: 252 Resp: 6805486
 Ion Ratio Lower Upper
 252 100
 253 21.9 17.6 26.4
 125 10.3 8.6 13.0





#89
Benzo(k)fluoranthene
Concen: 56.878 ng
RT: 24.115 min Scan# 3591
Delta R.T. 0.006 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10

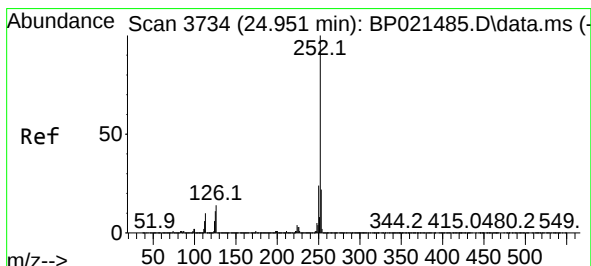
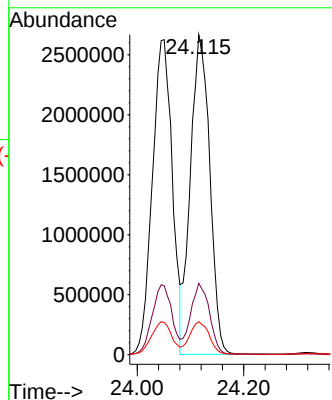
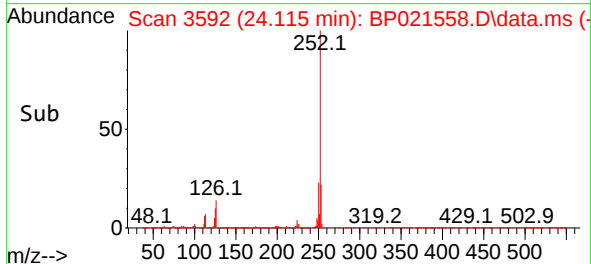
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



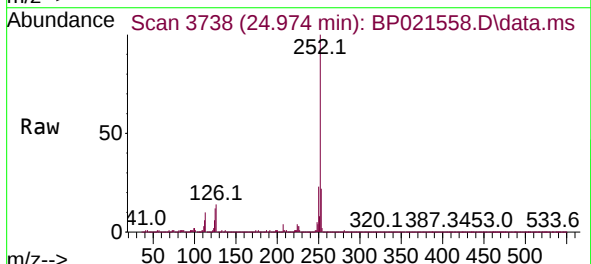
Tgt Ion:252 Resp: 6732514
Ion Ratio Lower Upper
252 100
253 22.3 17.5 26.3
125 10.3 7.8 11.8

Manual Integrations
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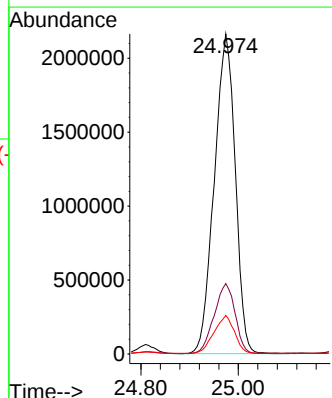
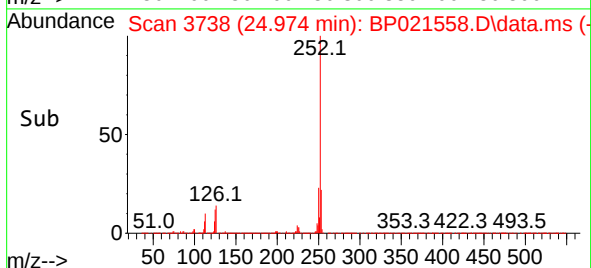
Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

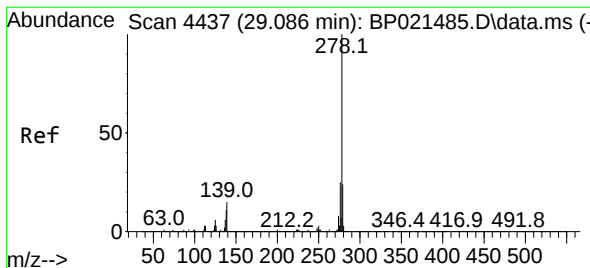


#90
Benzo(a)pyrene
Concen: 61.249 ng
RT: 24.974 min Scan# 3738
Delta R.T. 0.023 min
Lab File: BP021558.D
Acq: 19 Aug 2024 18:10



Tgt Ion:252 Resp: 6449393
Ion Ratio Lower Upper
252 100
253 22.0 17.7 26.5
125 12.1 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 59.174 ng

RT: 29.139 min Scan# 4446

Delta R.T. 0.053 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

Tgt Ion:278 Resp: 673346

Ion Ratio Lower Upper

278 100

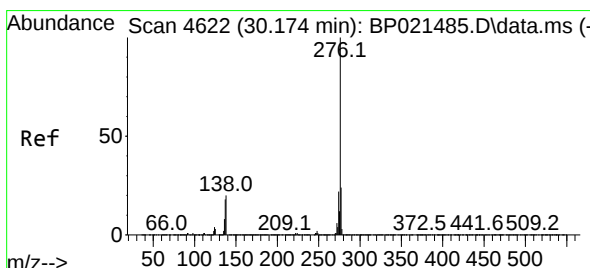
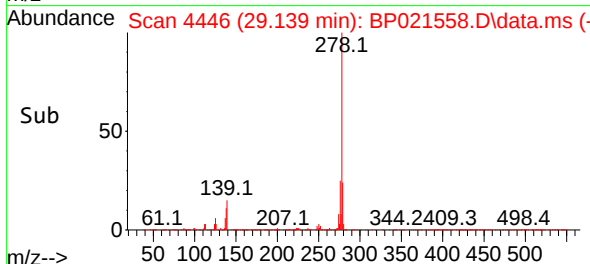
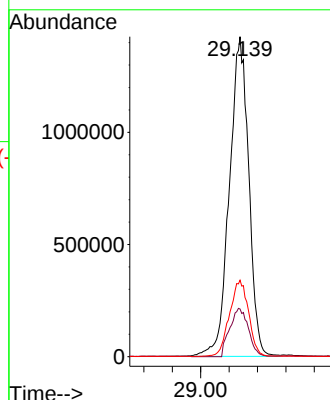
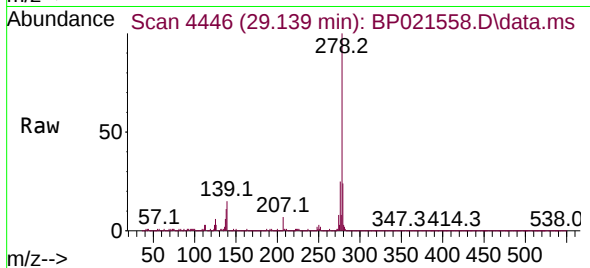
139 14.9 12.2 18.4

279 23.9 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024



#92

Benzo(g,h,i)perylene

Concen: 57.449 ng

RT: 30.274 min Scan# 4639

Delta R.T. 0.100 min

Lab File: BP021558.D

Acq: 19 Aug 2024 18:10

Tgt Ion:276 Resp: 6552048

Ion Ratio Lower Upper

276 100

277 23.7 19.0 28.6

138 20.4 16.0 24.0

