

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
 Data File : BP021585.D
 Acq On : 20 Aug 2024 23:53
 Operator : RC/JU
 Sample : P3518-15MSD
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

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

Quant Time: Aug 21 00:29:05 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

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	379400	20.000	ng	0.00
21) Naphthalene-d8	10.599	136	1550347	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	947148	20.000	ng	0.00
64) Phenanthrene-d10	17.275	188	1951759	20.000	ng	0.02
76) Chrysene-d12	21.733	240	1801849	20.000	ng	0.04
86) Perylene-d12	25.174	264	2214533	20.000	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.405	112	2460194	96.285	ng	0.01
7) Phenol-d6	6.975	99	3492401	93.697	ng	0.01
23) Nitrobenzene-d5	8.957	82	1995156	66.424	ng	0.00
42) 2,4,6-Tribromophenol	15.975	330	1043733	99.013	ng	0.00
45) 2-Fluorobiphenyl	13.063	172	2964880	47.774	ng	0.00
79) Terphenyl-d14	19.986	244	4083823	44.031	ng	0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	441242	36.420	ng	98
3) Pyridine	3.711	79	1263249	37.351	ng	94
4) n-Nitrosodimethylamine	3.617	42	503701	49.549	ng	90
6) Aniline	7.128	93	1452097	38.969	ng	98
8) 2-Chlorophenol	7.375	128	1487552	62.999	ng	94
9) Benzaldehyde	6.946	77	84404m	3.537	ng	
10) Phenol	6.999	94	2188619	56.704	ng	97
11) bis(2-Chloroethyl)ether	7.228	93	1646796	50.423	ng	95
12) 1,3-Dichlorobenzene	7.699	146	1483493	52.892	ng	96
13) 1,4-Dichlorobenzene	7.840	146	1500599	52.984	ng	98
14) 1,2-Dichlorobenzene	8.157	146	1451926	53.198	ng	99
15) Benzyl Alcohol	8.040	79	1458786	54.547	ng	95
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1540838	51.231	ng	96
17) 2-Methylphenol	8.246	107	1401902	57.453	ng	97
18) Hexachloroethane	8.887	117	616471	54.281	ng	96
19) n-Nitroso-di-n-propyla...	8.610	70	1137139	44.165	ng	96
20) 3+4-Methylphenols	8.569	107	1931840	58.715	ng	98
22) Acetophenone	8.622	105	2232744	46.878	ng	99
24) Nitrobenzene	8.999	77	1733835	53.148	ng	92
25) Isophorone	9.528	82	3348668	47.191	ng	98
26) 2-Nitrophenol	9.704	139	729398	70.768	ng	92
27) 2,4-Dimethylphenol	9.769	122	1079656	61.652	ng	96
28) bis(2-Chloroethoxy)met...	10.004	93	2158607	49.835	ng	99
29) 2,4-Dichlorophenol	10.246	162	1345017	65.005	ng	97
30) 1,2,4-Trichlorobenzene	10.457	180	1414351	53.317	ng	98
31) Naphthalene	10.651	128	4281450	52.864	ng	99
32) Benzoic acid	9.916	122	993215	71.836	ng	92
33) 4-Chloroaniline	10.746	127	906508	29.797	ng	96
34) Hexachlorobutadiene	10.940	225	850401	50.915	ng	100
35) Caprolactam	11.534	113	463210	53.785	ng	89
36) 4-Chloro-3-methylphenol	11.881	107	1683373	58.650	ng	97
37) 2-Methylnaphthalene	12.263	142	2902238	52.505	ng	100
38) 1-Methylnaphthalene	12.481	142	2700844	49.542	ng	100
40) 1,2,4,5-Tetrachloroben...	12.634	216	1448826	52.207	ng	99
41) Hexachlorocyclopentadiene	12.622	237	1112654	126.502	ng	99
43) 2,4,6-Trichlorophenol	12.875	196	1060187	68.774	ng	99

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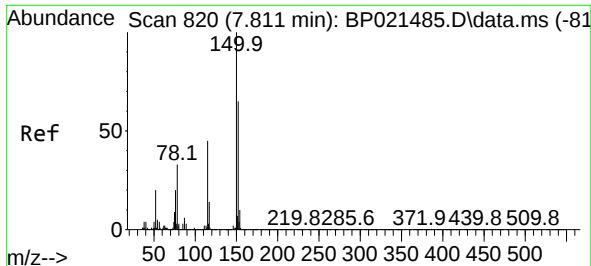
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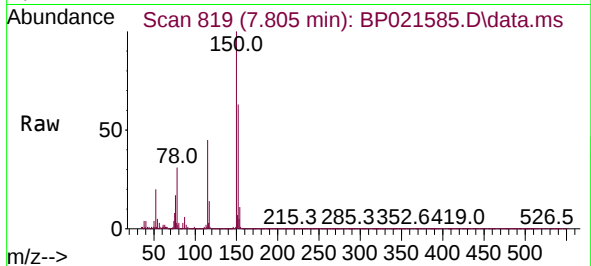
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.945	196	1133270	66.167	ng	97
46) 1,1'-Biphenyl	13.275	154	3459692	51.628	ng	98
47) 2-Chloronaphthalene	13.316	162	2876124	55.129	ng	98
48) 2-Nitroaniline	13.522	65	968504	64.280	ng	# 85
49) Acenaphthylene	14.181	152	4611218	60.125	ng	100
50) Dimethylphthalate	13.916	163	3567221	56.239	ng	100
51) 2,6-Dinitrotoluene	14.022	165	773362	59.402	ng	89
52) Acenaphthene	14.528	154	3074267m	61.092	ng	
53) 3-Nitroaniline	14.351	138	672432	53.001	ng	# 91
54) 2,4-Dinitrophenol	14.569	184	679486	120.160	ng	92
55) Dibenzofuran	14.869	168	4319869	55.804	ng	99
56) 4-Nitrophenol	14.675	139	1382934	128.194	ng	# 86
57) 2,4-Dinitrotoluene	14.822	165	1075739	64.201	ng	89
58) Fluorene	15.534	166	3348830	52.659	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.092	232	995586	68.484	ng	99
60) Diethylphthalate	15.310	149	3511691	53.958	ng	99
61) 4-Chlorophenyl-phenyle...	15.528	204	1693952	51.531	ng	99
62) 4-Nitroaniline	15.539	138	772259	59.004	ng	91
63) Azobenzene	15.822	77	3911388	48.892	ng	96
65) 4,6-Dinitro-2-methylph...	15.604	198	500985	71.782	ng	97
66) n-Nitrosodiphenylamine	15.739	169	2944323	56.292	ng	100
67) 4-Bromophenyl-phenylether	16.439	248	1141341	55.253	ng	98
68) Hexachlorobenzene	16.563	284	1317493	53.971	ng	99
69) Atrazine	16.716	200	980706	54.612	ng	99
70) Pentachlorophenol	16.916	266	1688325	126.716	ng	100
71) Phenanthrene	17.316	178	5370873	57.219	ng	100
72) Anthracene	17.404	178	5289493	57.460	ng	100
73) Carbazole	17.675	167	5089438	57.368	ng	99
74) Di-n-butylphthalate	18.292	149	6125525	56.222	ng	99
75) Fluoranthene	19.398	202	6686095	58.054	ng	99
77) Benzidine	19.580	184	1898756	45.795	ng	100
78) Pyrene	19.769	202	6912882	58.697	ng	100
80) Butylbenzylphthalate	20.716	149	2913825	63.899	ng	94
81) Benzo(a)anthracene	21.710	228	6806487	60.174	ng	99
82) 3,3'-Dichlorobenzidine	21.621	252	1999695	55.138	ng	100
83) Chrysene	21.774	228	6331969	59.291	ng	99
84) Bis(2-ethylhexyl)phtha...	21.657	149	4366002	65.307	ng	99
85) Di-n-octyl phthalate	22.986	149	7657277	63.470	ng	97
87) Indeno(1,2,3-cd)pyrene	29.103	276	8794137m	61.262	ng	
88) Benzo(b)fluoranthene	24.080	252	7166501	56.347	ng	99
89) Benzo(k)fluoranthene	24.163	252	7119383m	57.382	ng	
90) Benzo(a)pyrene	25.010	252	6729214	60.968	ng	99
91) Dibenzo(a,h)anthracene	29.198	278	7033040	58.966	ng	100
92) Benzo(g,h,i)perylene	30.309	276	6813079	56.991	ng	99

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.805 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

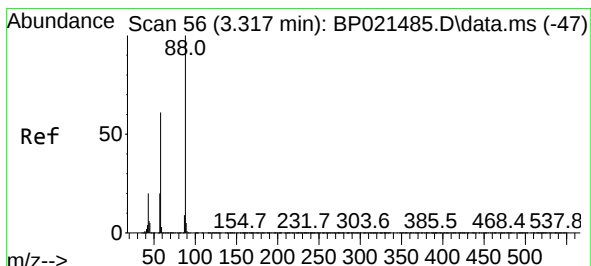
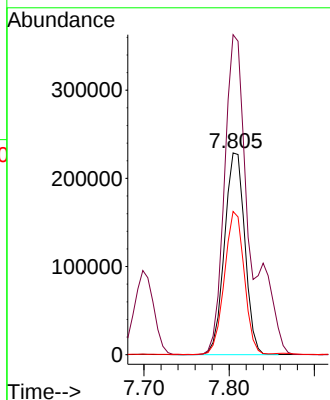
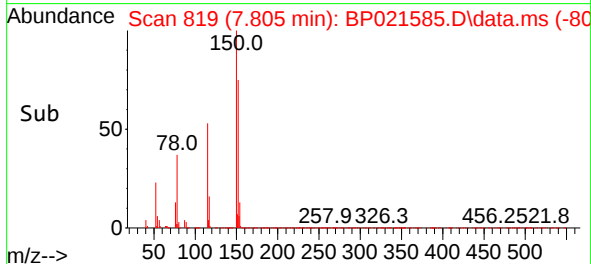
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:152 Resp: 379400
Ion Ratio Lower Upper
152 100
150 158.7 122.4 183.6
115 71.0 54.7 82.1

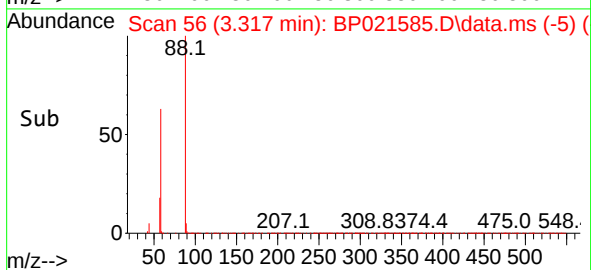
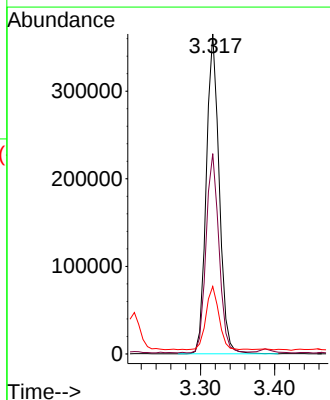
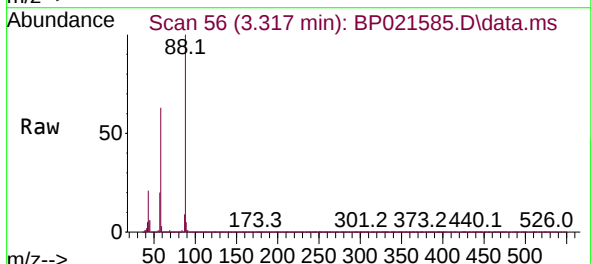
Manual Integrations
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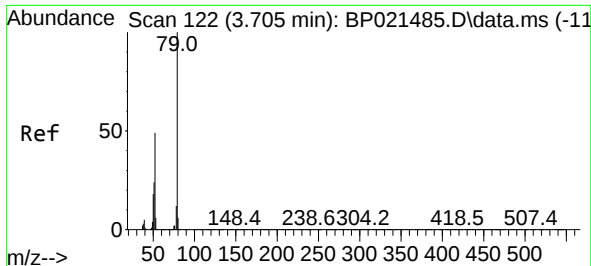
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#2
1,4-Dioxane
Concen: 36.420 ng
RT: 3.317 min Scan# 56
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

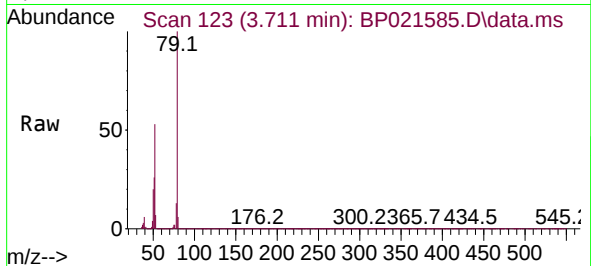
Tgt Ion: 88 Resp: 441242
Ion Ratio Lower Upper
88 100
58 62.5 48.7 73.1
43 19.6 15.4 23.2





#3
Pyridine
Concen: 37.351 ng
RT: 3.711 min Scan# 122
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

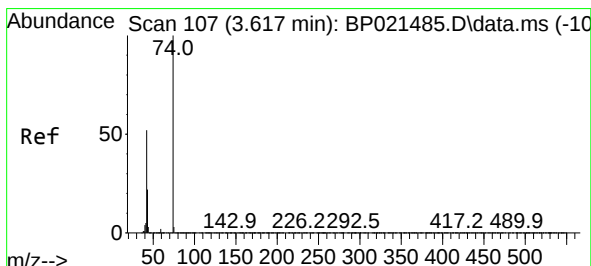
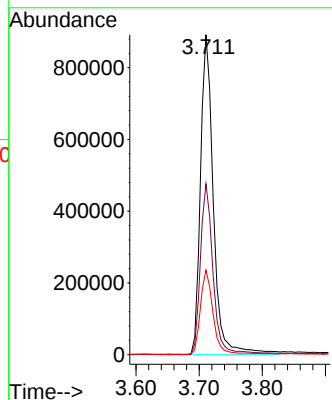
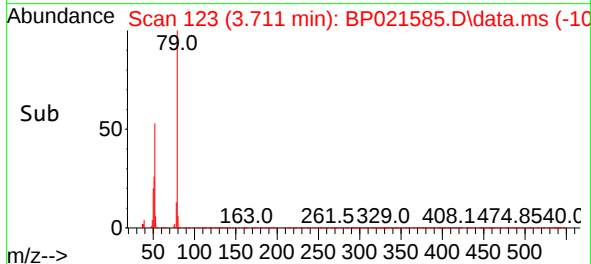
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion: 79 Resp: 1263249
Ion Ratio Lower Upper
79 100
52 53.4 39.0 58.6
51 26.5 19.2 28.8

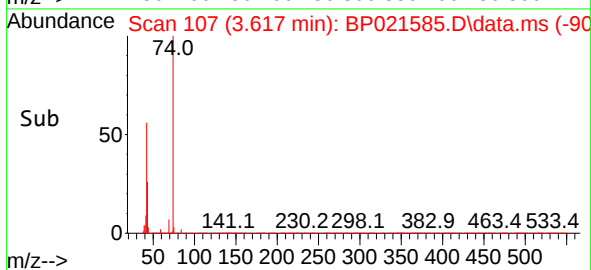
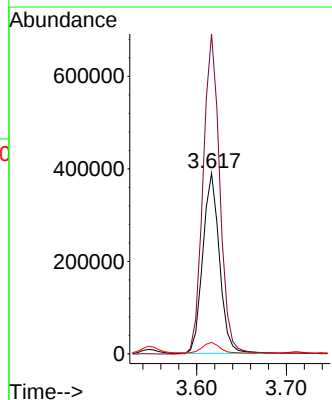
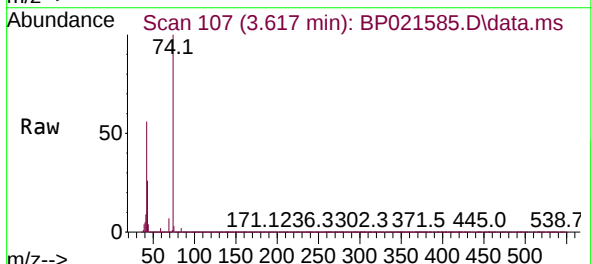
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#4
n-Nitrosodimethylamine
Concen: 49.549 ng
RT: 3.617 min Scan# 107
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

Tgt Ion: 42 Resp: 503701
Ion Ratio Lower Upper
42 100
74 177.0 154.3 231.5
44 6.4 6.2 9.4





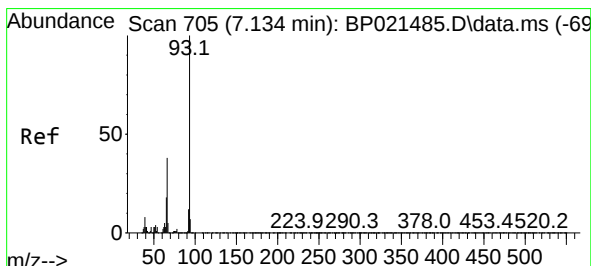
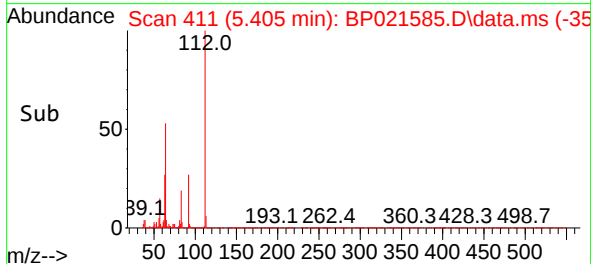
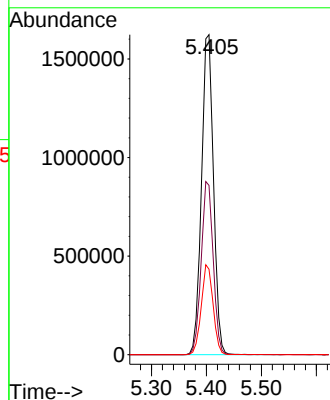
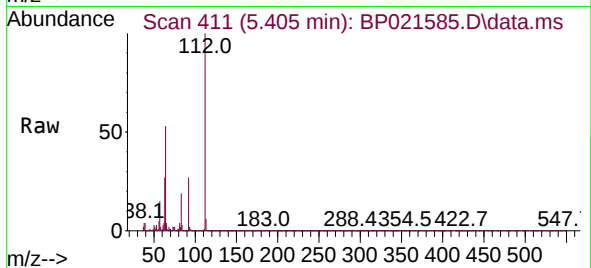
#5
2-Fluorophenol
Concen: 96.285 ng
RT: 5.405 min Scan# 411
Delta R.T. 0.012 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

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

Tgt Ion:112 Resp: 2460194
Ion Ratio Lower Upper
112 100
64 52.9 49.0 73.6
63 26.7 24.6 36.8

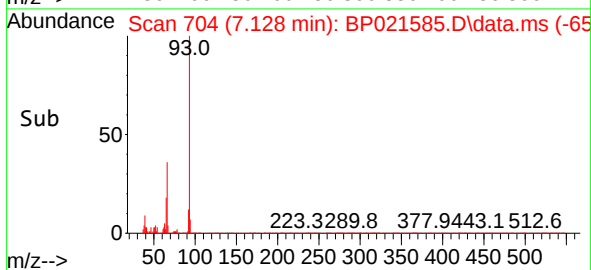
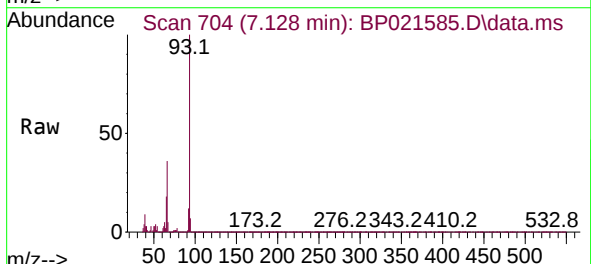
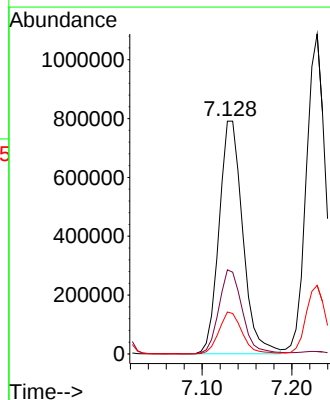
Manual Integrations
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Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#6
Aniline
Concen: 38.969 ng
RT: 7.128 min Scan# 704
Delta R.T. -0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

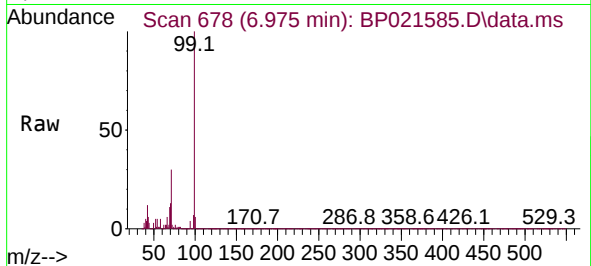
Tgt Ion: 93 Resp: 1452097
Ion Ratio Lower Upper
93 100
66 36.2 30.2 45.2
65 18.0 14.7 22.1





#7
Phenol-d6
Concen: 93.697 ng
RT: 6.975 min Scan# 678
Delta R.T. 0.012 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

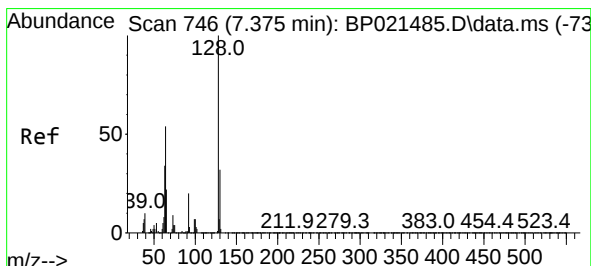
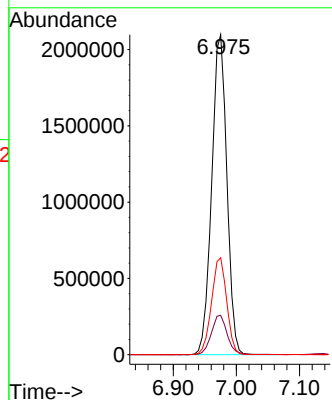
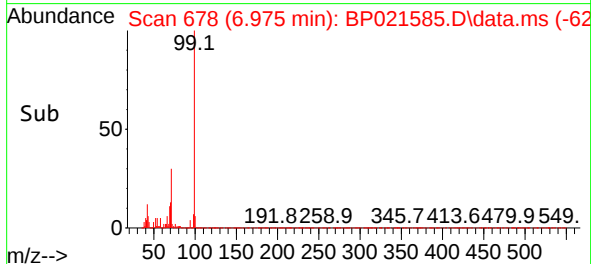
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion: 99 Resp: 349240
Ion Ratio Lower Upper
99 100
42 12.3 10.2 15.4
71 30.3 25.8 38.8

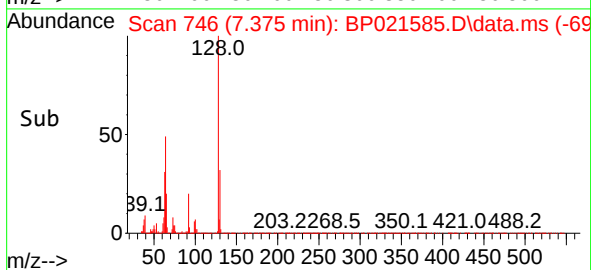
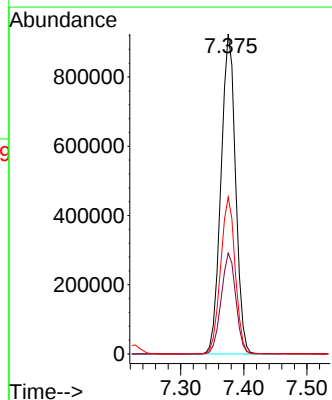
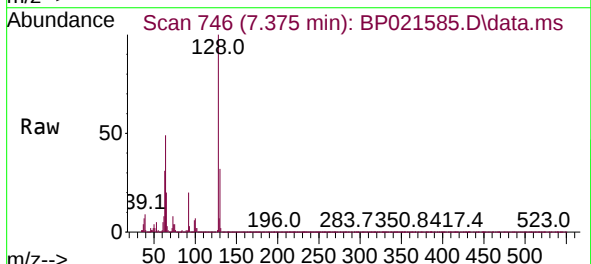
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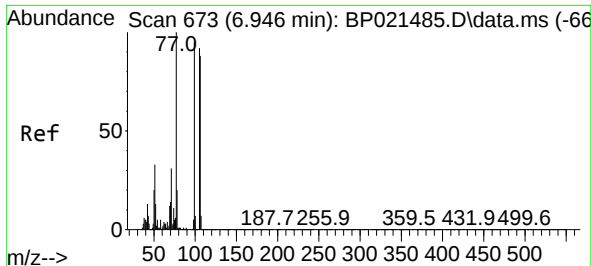
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#8
2-Chlorophenol
Concen: 62.999 ng
RT: 7.375 min Scan# 746
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

Tgt Ion:128 Resp: 1487552
Ion Ratio Lower Upper
128 100
130 31.6 11.6 51.6
64 49.0 35.3 75.3





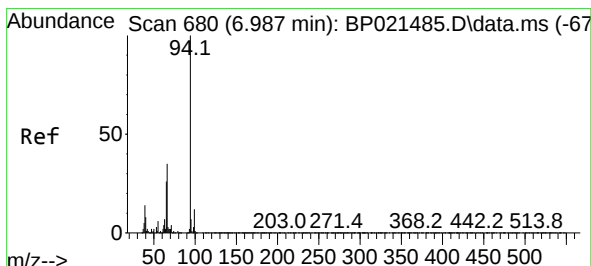
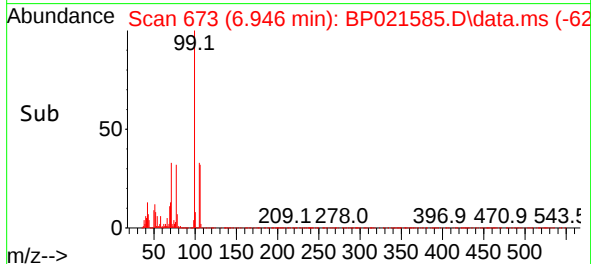
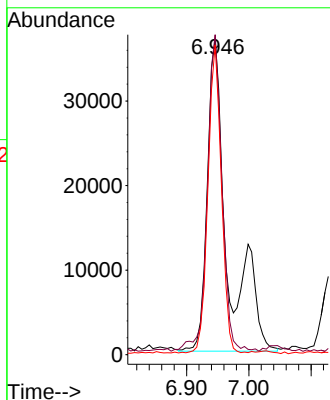
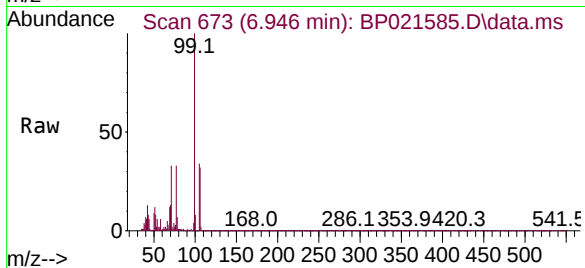
#9
Benzaldehyde
Concen: 3.537 ng m
RT: 6.946 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

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

Tgt Ion: 77 Resp: 84404
Ion Ratio Lower Upper
77 100
105 101.3 72.1 112.1
106 98.1 67.9 107.9

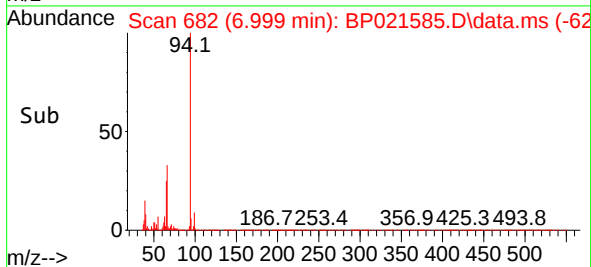
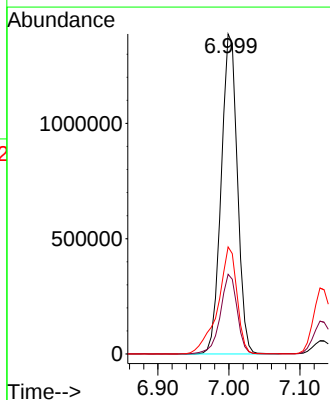
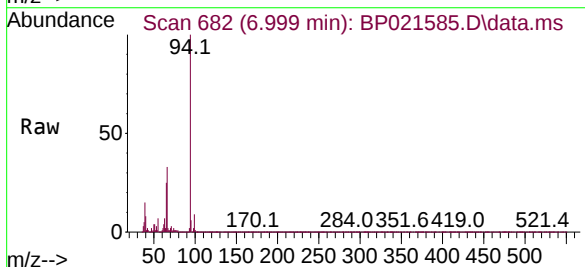
Manual Integrations
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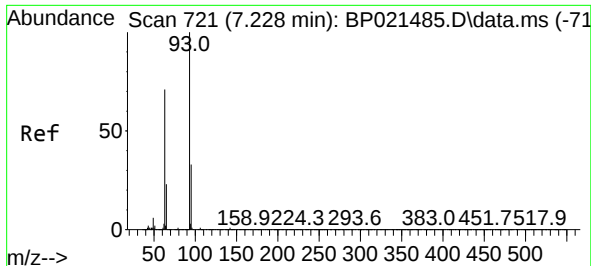
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#10
Phenol
Concen: 56.704 ng
RT: 6.999 min Scan# 682
Delta R.T. 0.012 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

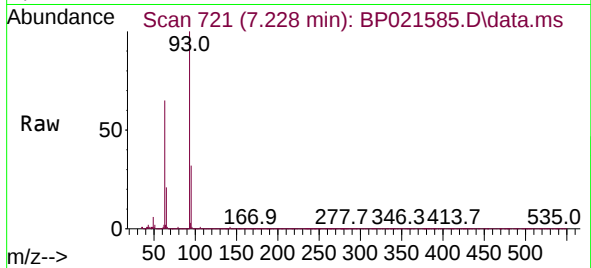
Tgt Ion: 94 Resp: 2188619
Ion Ratio Lower Upper
94 100
65 24.9 6.5 46.5
66 33.5 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 50.423 ng
RT: 7.228 min Scan# 721
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

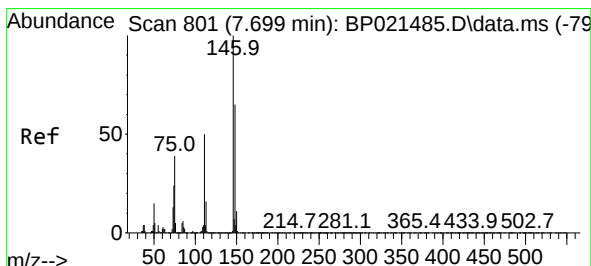
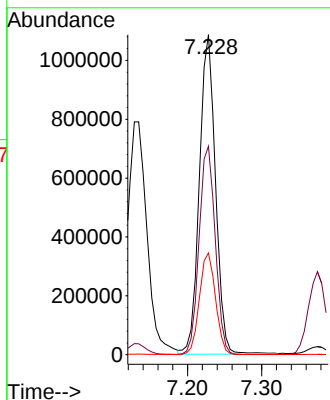
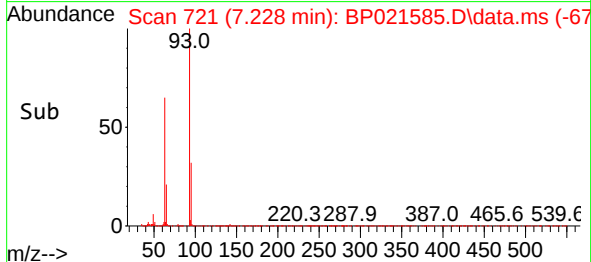
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



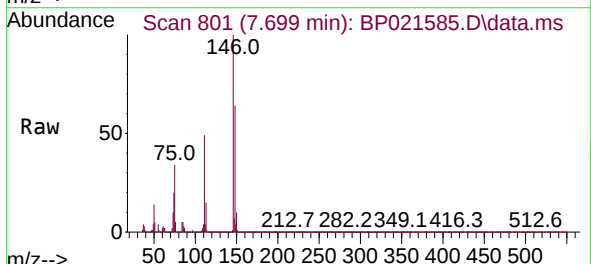
Tgt Ion: 93 Resp: 1646790
Ion Ratio Lower Upper
93 100
63 65.2 51.0 91.0
95 31.8 12.9 52.9

Manual Integrations
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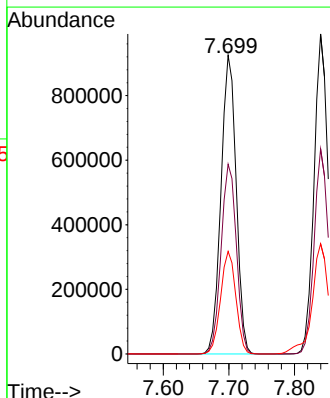
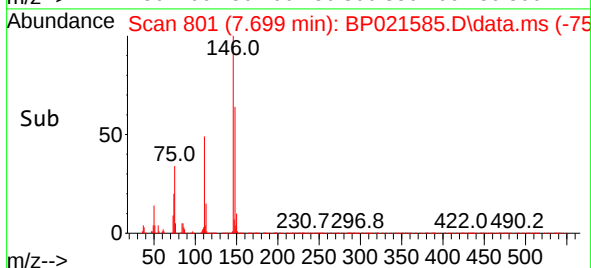
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#12
1,3-Dichlorobenzene
Concen: 52.892 ng
RT: 7.699 min Scan# 801
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53



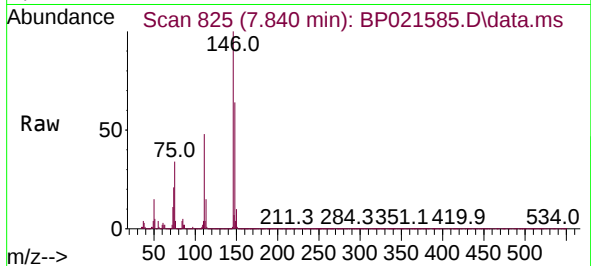
Tgt Ion:146 Resp: 1483493
Ion Ratio Lower Upper
146 100
148 63.6 51.8 77.6
75 34.4 31.3 46.9





#13
1,4-Dichlorobenzene
Concen: 52.984 ng
RT: 7.840 min Scan# 81
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

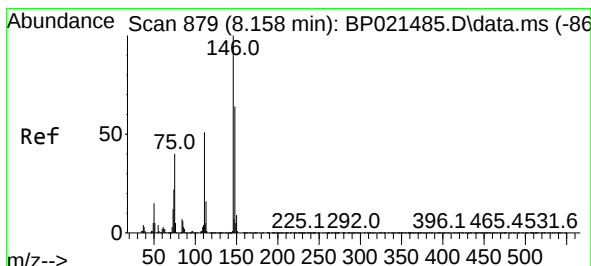
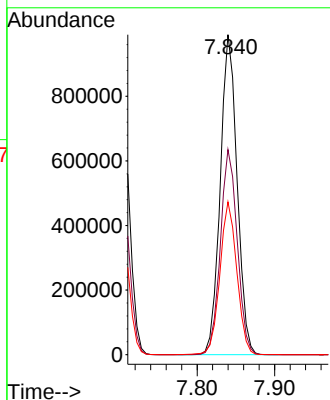
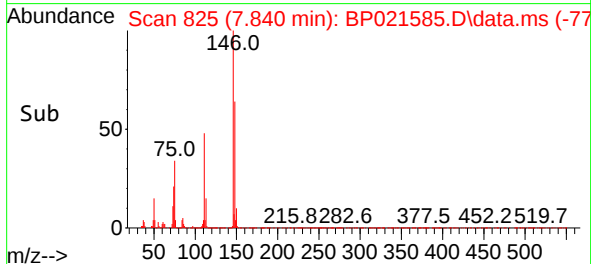
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



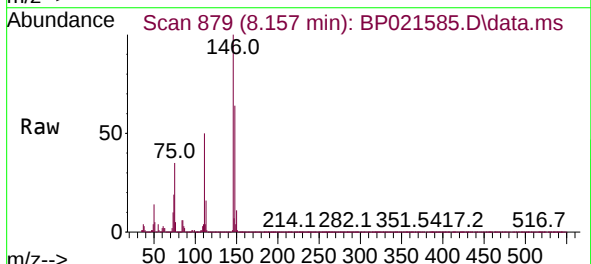
Tgt Ion:146 Resp: 1500599
Ion Ratio Lower Upper
146 100
148 64.1 51.5 77.3
111 47.8 40.3 60.5

Manual Integrations
APPROVED

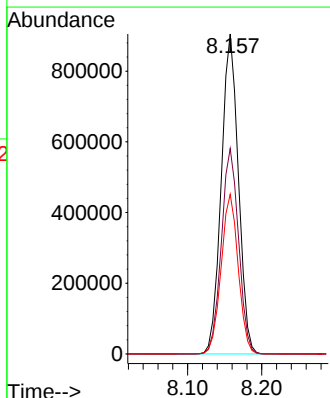
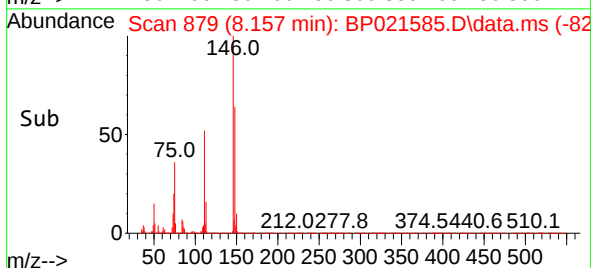
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

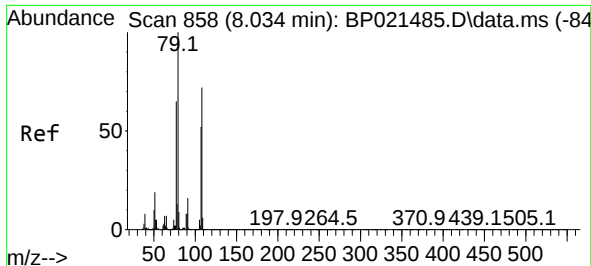


#14
1,2-Dichlorobenzene
Concen: 53.198 ng
RT: 8.157 min Scan# 879
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53



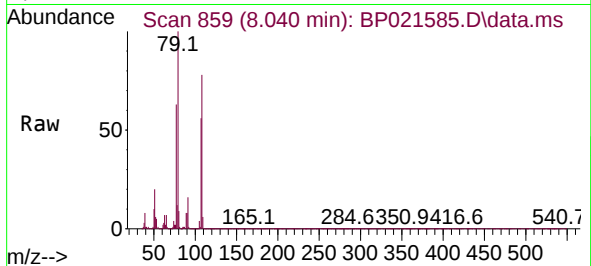
Tgt Ion:146 Resp: 1451926
Ion Ratio Lower Upper
146 100
148 64.2 51.5 77.3
111 49.9 41.1 61.7





#15
Benzyl Alcohol
Concen: 54.547 ng
RT: 8.040 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

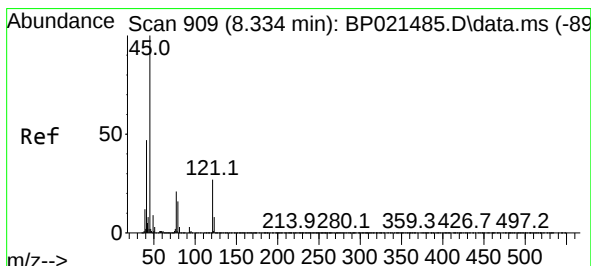
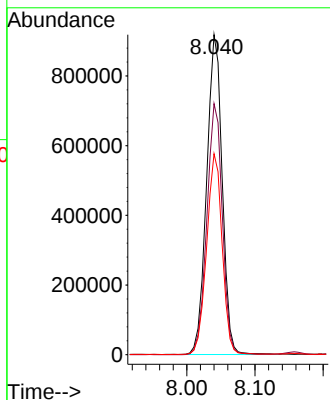
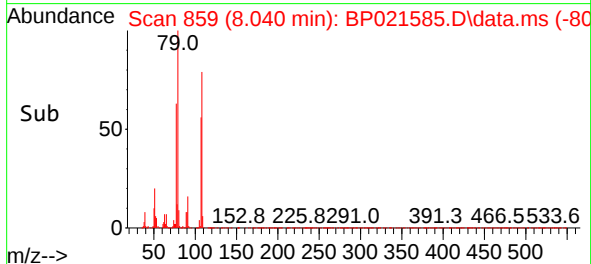
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion: 79 Resp: 145878
Ion Ratio Lower Upper
79 100
108 78.5 57.9 86.9
77 62.8 51.8 77.8

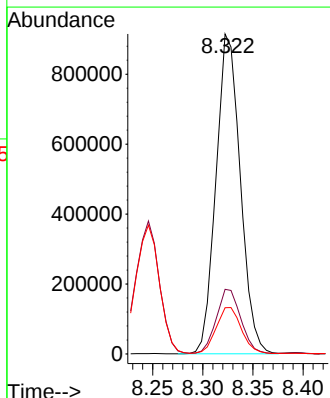
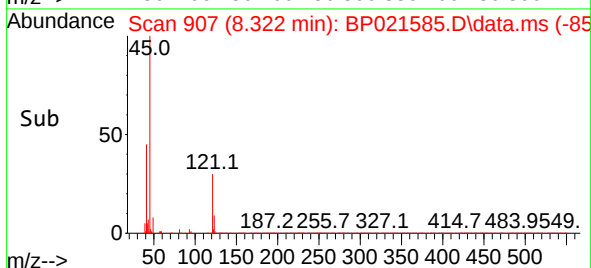
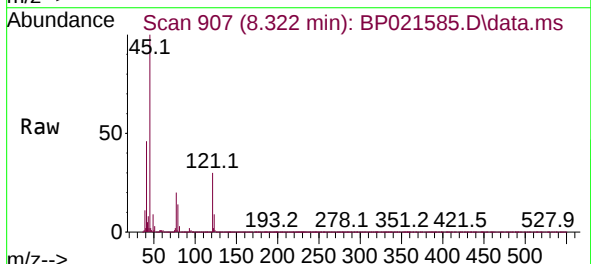
Manual Integrations
APPROVED

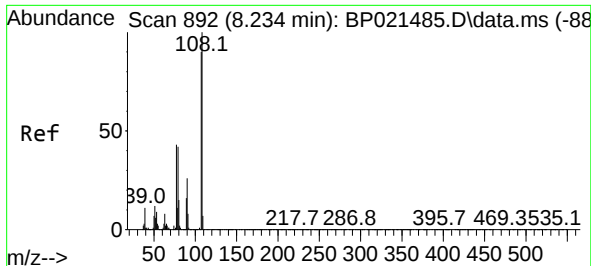
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#16
2,2'-oxybis(1-Chloropropane)
Concen: 51.231 ng
RT: 8.322 min Scan# 907
Delta R.T. -0.012 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

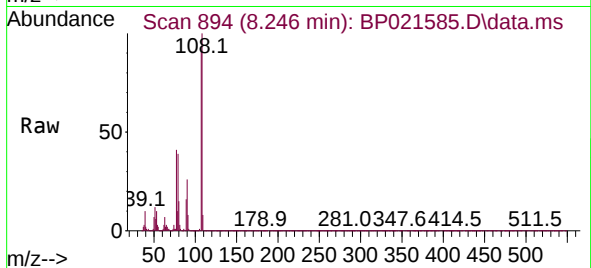
Tgt Ion: 45 Resp: 1540838
Ion Ratio Lower Upper
45 100
77 20.2 1.9 41.9
79 14.5 0.0 36.6





#17
2-Methylphenol
Concen: 57.453 ng
RT: 8.246 min Scan# 892
Delta R.T. 0.012 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

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

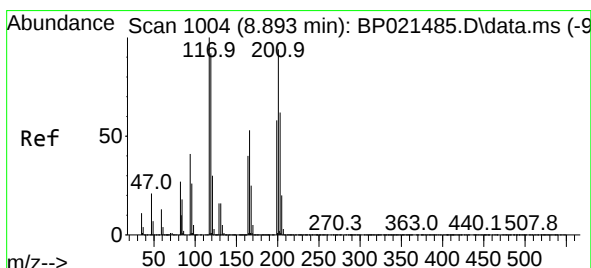
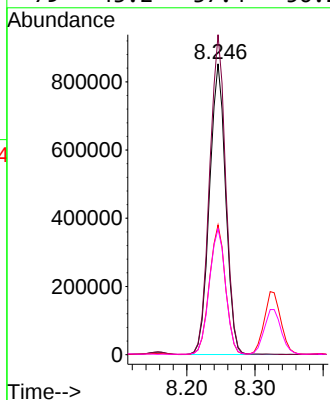
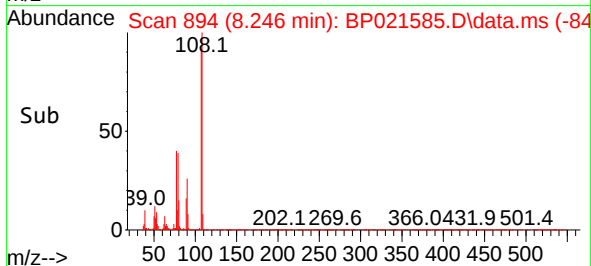


Tgt Ion:107 Resp: 140190

Ion	Ratio	Lower	Upper
107	100		
108	110.0	88.8	133.2
77	44.6	38.7	58.1
79	43.2	37.4	56.2

Manual Integrations
APPROVED

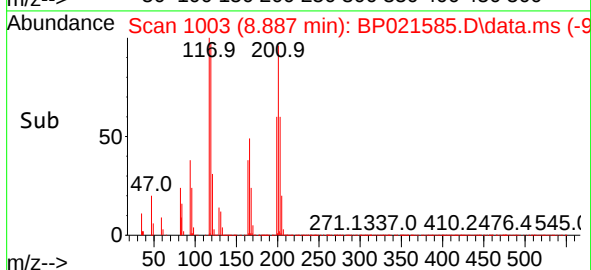
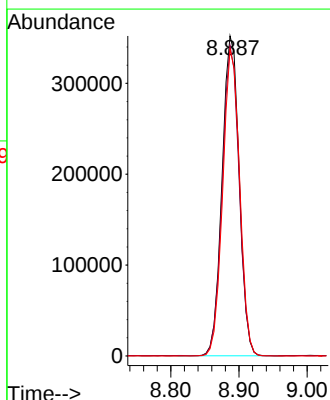
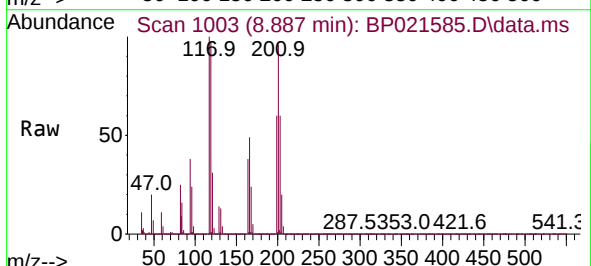
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#18
Hexachloroethane
Concen: 54.281 ng
RT: 8.887 min Scan# 1003
Delta R.T. -0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

Tgt Ion:117 Resp: 616471

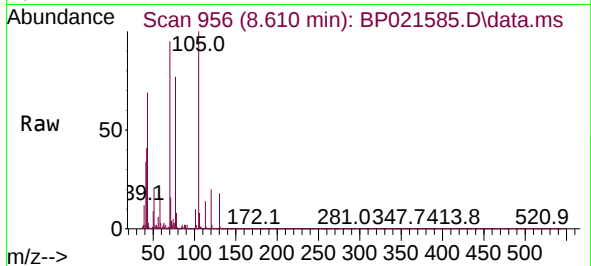
Ion	Ratio	Lower	Upper
117	100		
119	97.0	73.9	110.9
201	95.8	74.9	112.3





#19
n-Nitroso-di-n-propylamine
Concen: 44.165 ng
RT: 8.610 min Scan# 910
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

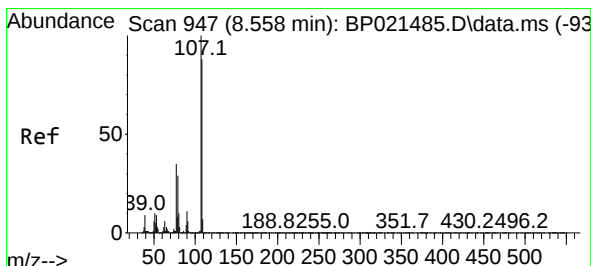
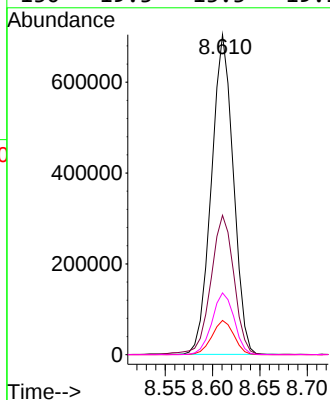
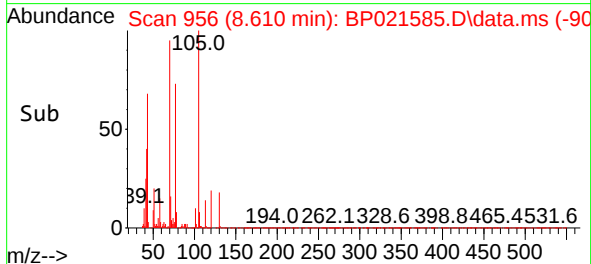
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



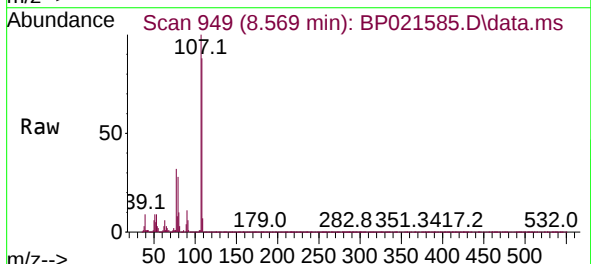
Tgt Ion: 70 Resp: 1137139
Ion Ratio Lower Upper
70 100
42 43.6 33.1 49.7
101 10.7 7.4 11.2
130 19.3 13.3 19.9

Manual Integrations
APPROVED

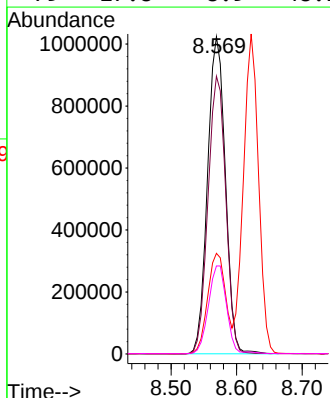
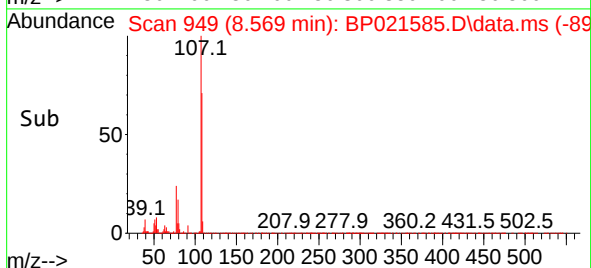
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

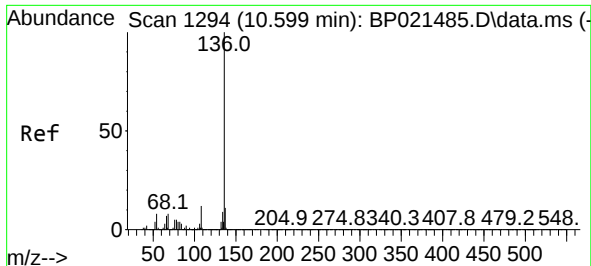


#20
3+4-Methylphenols
Concen: 58.715 ng
RT: 8.569 min Scan# 949
Delta R.T. 0.012 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53



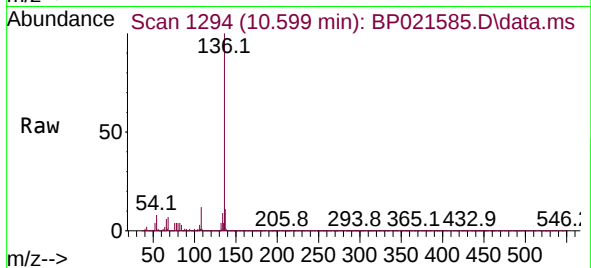
Tgt Ion:107 Resp: 1931840
Ion Ratio Lower Upper
107 100
108 87.5 67.6 107.6
77 31.7 15.0 55.0
79 27.8 8.9 48.9





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.599 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

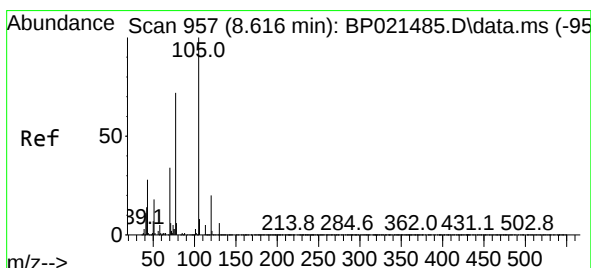
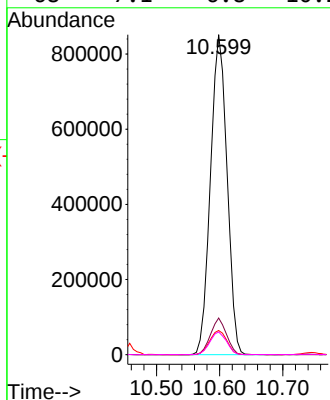
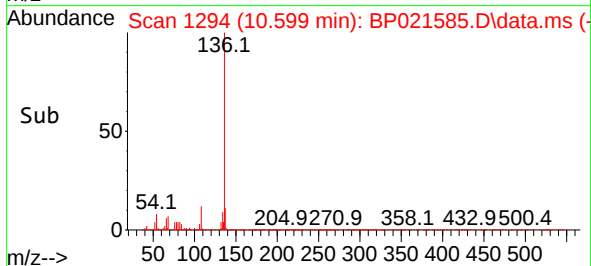
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:136 Resp: 155034
Ion Ratio Lower Upper
136 100
137 11.5 8.8 13.2
54 7.6 6.3 9.5
68 7.1 6.8 10.2

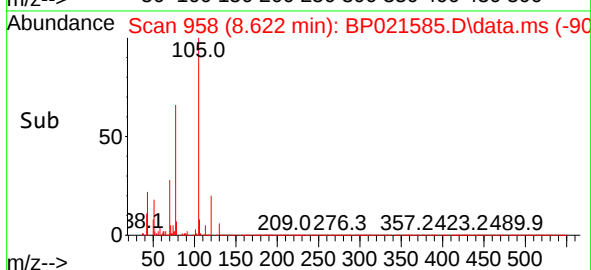
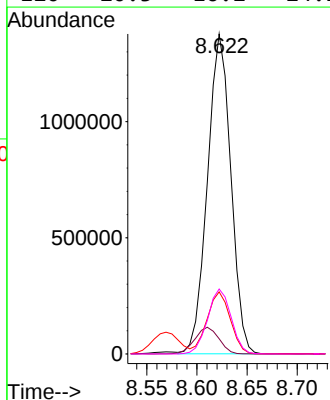
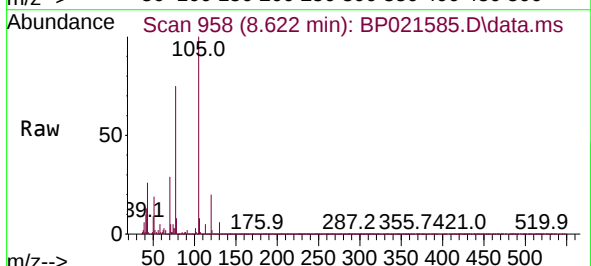
Manual Integrations
APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#22
Acetophenone
Concen: 46.878 ng
RT: 8.622 min Scan# 958
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

Tgt Ion:105 Resp: 2232744
Ion Ratio Lower Upper
105 100
71 4.8 4.6 7.0
51 19.4 16.3 24.5
120 20.3 16.2 24.2





#23

Nitrobenzene-d5

Concen: 66.424 ng

RT: 8.957 min Scan# 1015

Delta R.T. 0.006 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

Tgt Ion: 82 Resp: 1995150

Ion Ratio Lower Upper

82 100

128 38.5 26.5 39.7

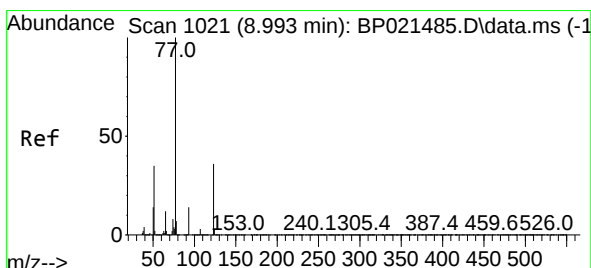
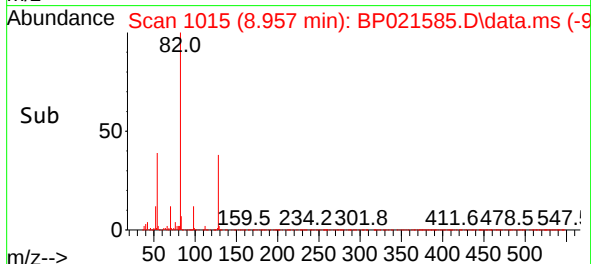
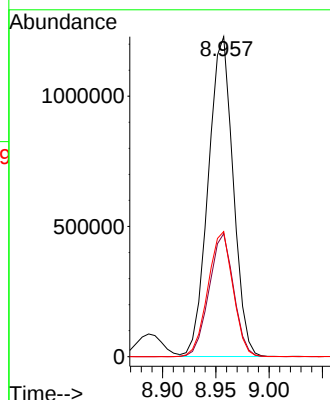
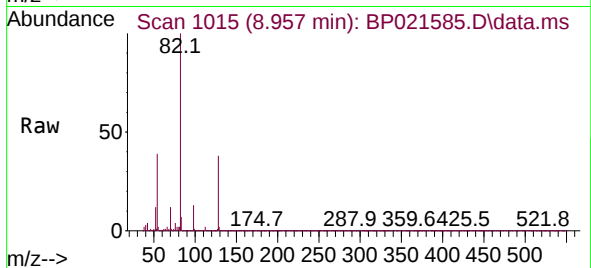
54 39.1 30.3 45.5

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#24

Nitrobenzene

Concen: 53.148 ng

RT: 8.999 min Scan# 1022

Delta R.T. 0.006 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

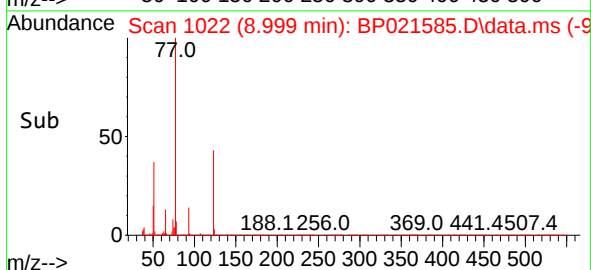
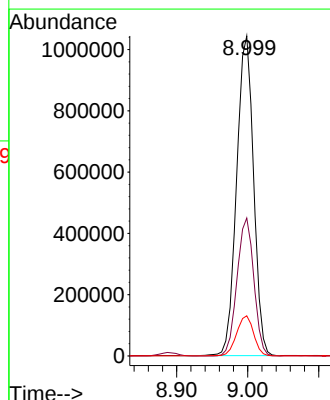
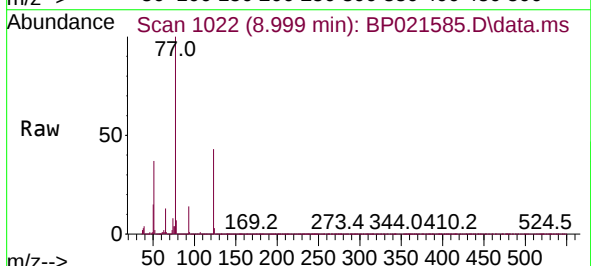
Tgt Ion: 77 Resp: 1733835

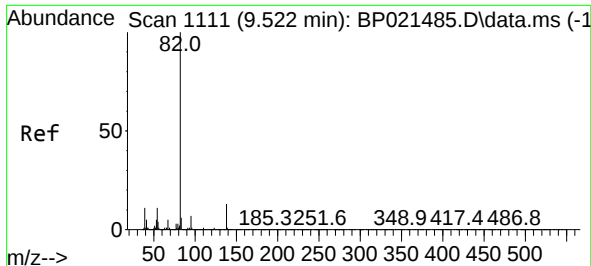
Ion Ratio Lower Upper

77 100

123 43.1 29.5 44.3

65 12.5 9.9 14.9





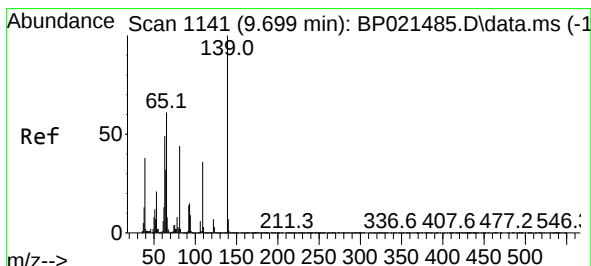
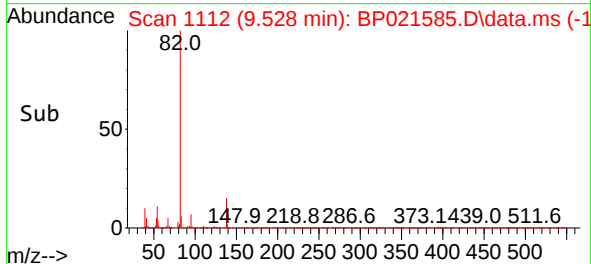
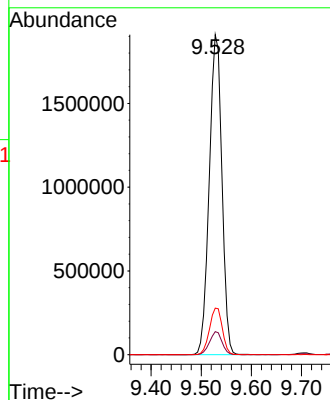
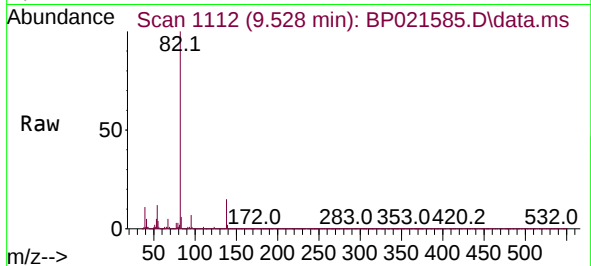
#25
Isophorone
Concen: 47.191 ng
RT: 9.528 min Scan# 1111
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

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

Tgt Ion: 82 Resp: 334866
Ion Ratio Lower Upper
82 100
95 7.2 5.4 8.2
138 14.6 10.6 16.0

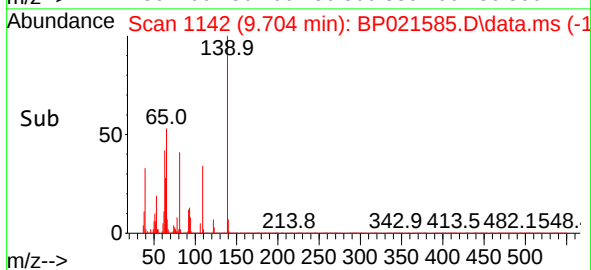
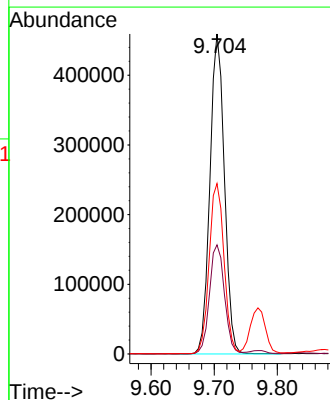
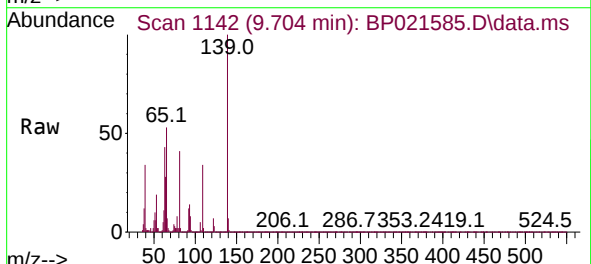
Manual Integrations
APPROVED

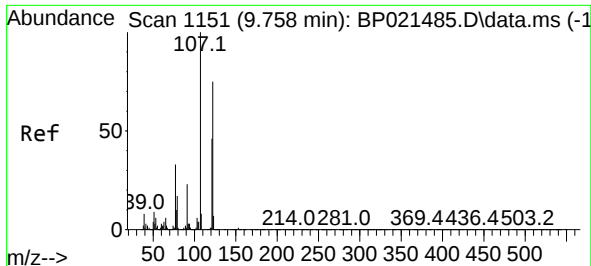
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#26
2-Nitrophenol
Concen: 70.768 ng
RT: 9.704 min Scan# 1142
Delta R.T. 0.005 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

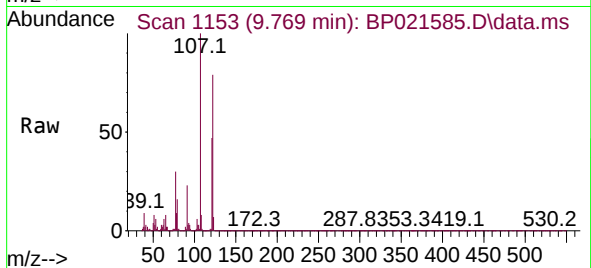
Tgt Ion:139 Resp: 729398
Ion Ratio Lower Upper
139 100
109 34.1 28.9 43.3
65 53.2 49.0 73.6





#27
2,4-Dimethylphenol
Concen: 61.652 ng
RT: 9.769 min Scan# 1151
Delta R.T. 0.012 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

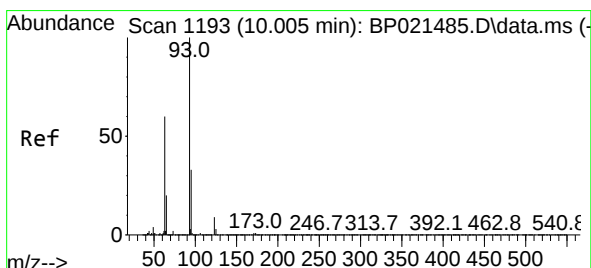
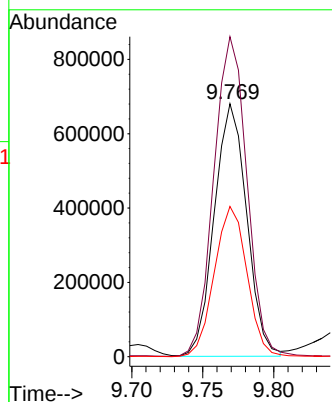
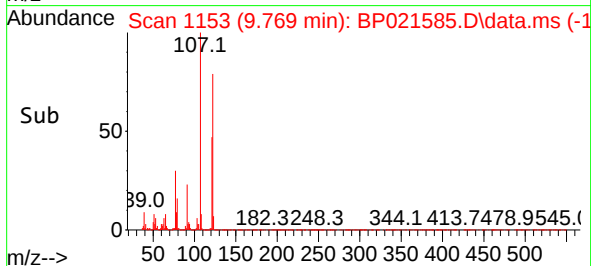
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



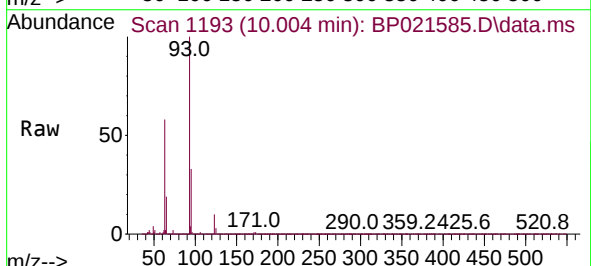
Tgt Ion:122 Resp: 1079650
Ion Ratio Lower Upper
122 100
107 126.5 106.2 159.4
121 59.4 48.8 73.2

Manual Integrations
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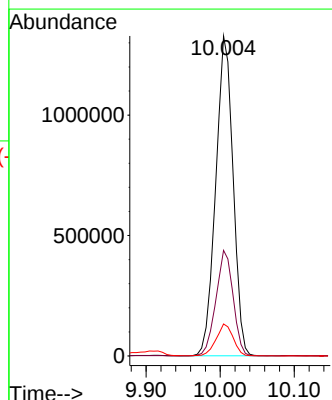
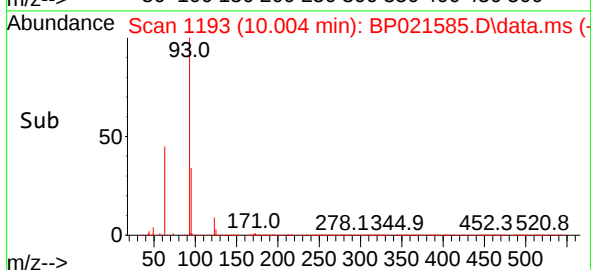
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

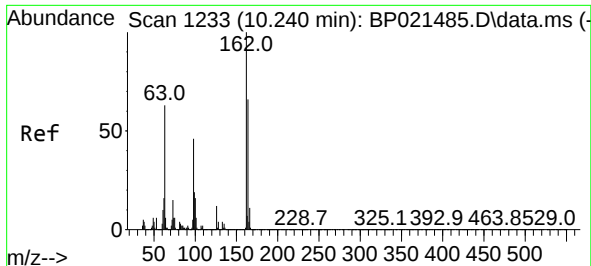


#28
bis(2-Chloroethoxy)methane
Concen: 49.835 ng
RT: 10.004 min Scan# 1193
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53



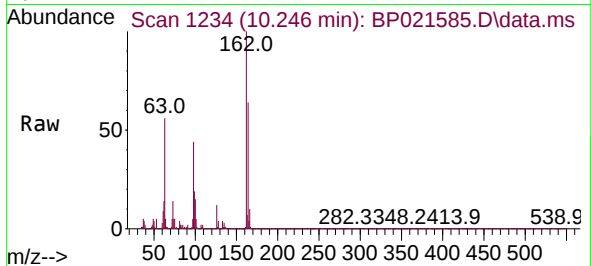
Tgt Ion: 93 Resp: 2158607
Ion Ratio Lower Upper
93 100
95 33.0 26.2 39.4
123 10.0 7.6 11.4





#29
2,4-Dichlorophenol
Concen: 65.005 ng
RT: 10.246 min Scan# 1234
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

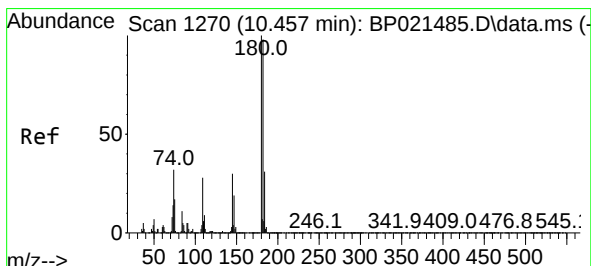
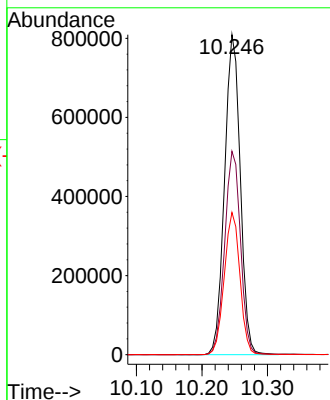
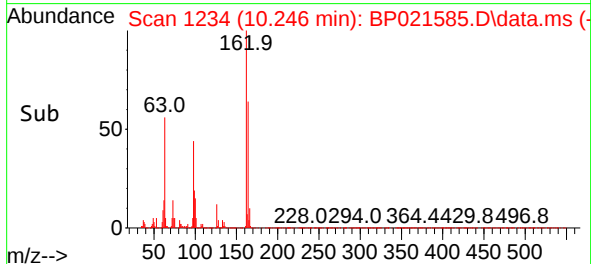
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



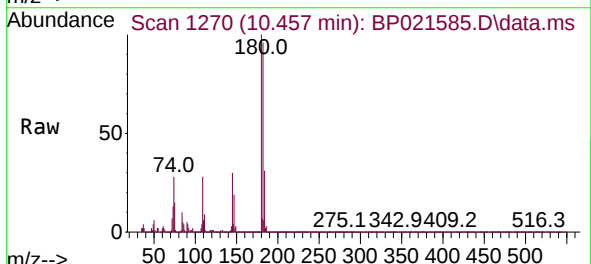
Tgt Ion:162 Resp: 134501
Ion Ratio Lower Upper
162 100
164 63.6 45.9 85.9
98 44.5 26.3 66.3

Manual Integrations
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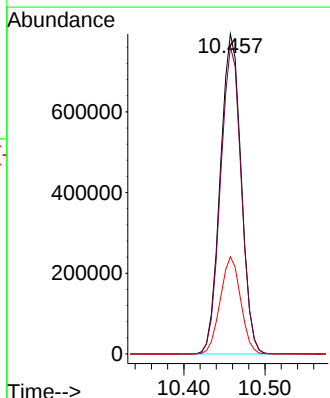
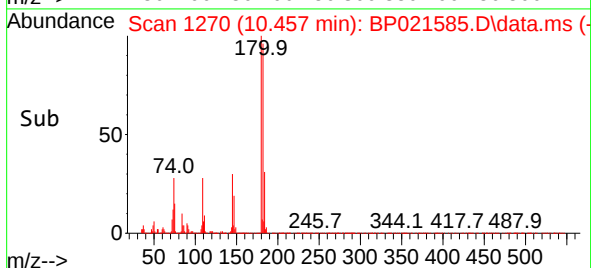
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

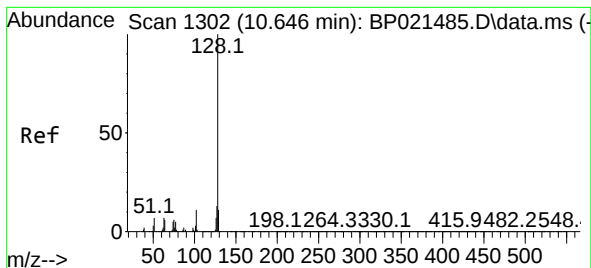


#30
1,2,4-Trichlorobenzene
Concen: 53.317 ng
RT: 10.457 min Scan# 1270
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53



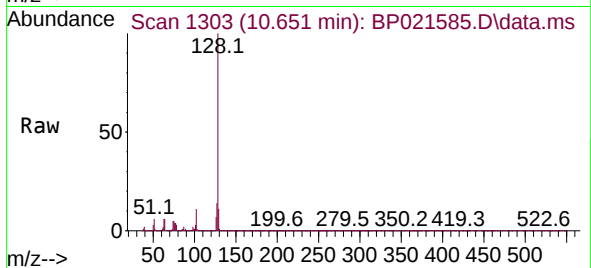
Tgt Ion:180 Resp: 1414351
Ion Ratio Lower Upper
180 100
182 96.0 78.3 117.5
145 30.4 24.0 36.0





#31
Naphthalene
Concen: 52.864 ng
RT: 10.651 min Scan# 1118
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

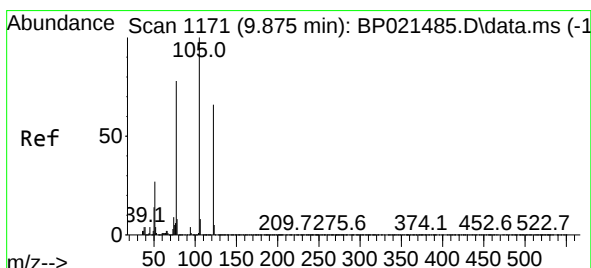
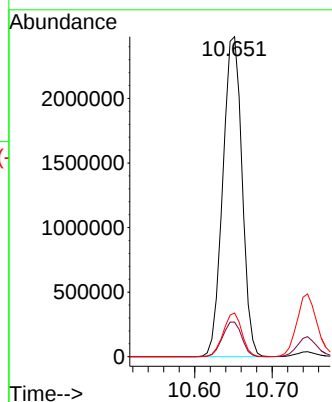
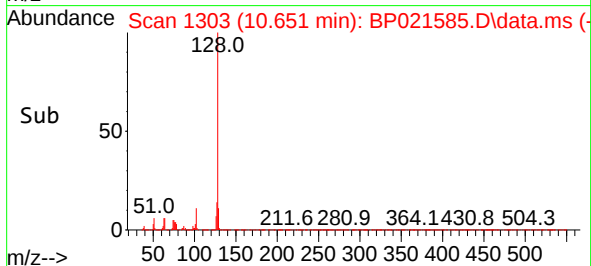
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:128 Resp: 4281450
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 13.7 10.6 15.8

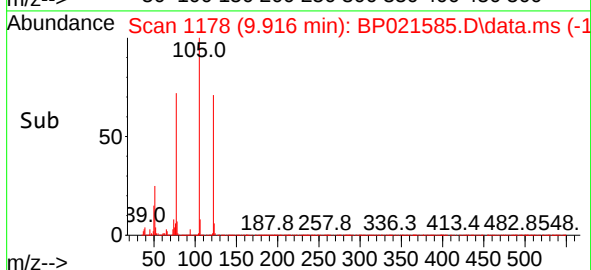
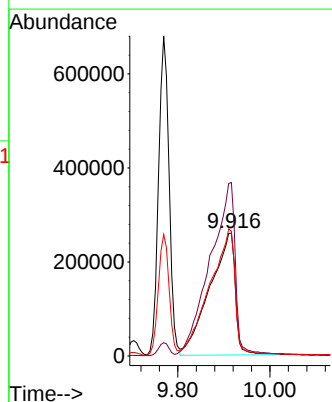
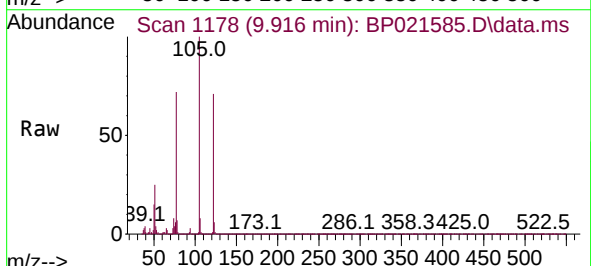
Manual Integrations
APPROVED

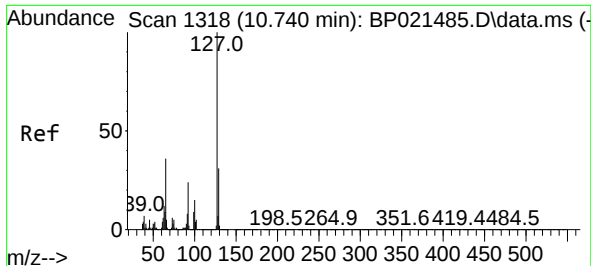
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#32
Benzoic acid
Concen: 71.836 ng
RT: 9.916 min Scan# 1178
Delta R.T. 0.041 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

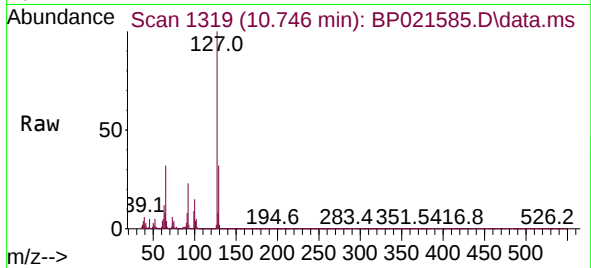
Tgt Ion:122 Resp: 993215
Ion Ratio Lower Upper
122 100
105 141.0 124.6 164.6
77 101.5 96.2 136.2





#33
4-Chloroaniline
Concen: 29.797 ng
RT: 10.746 min Scan# 1318
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

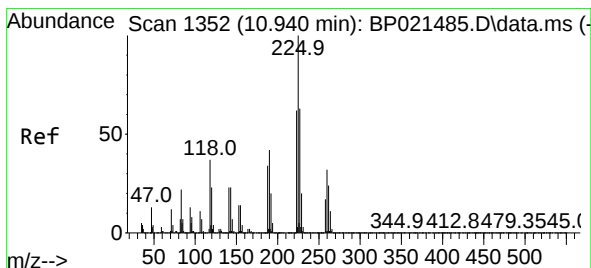
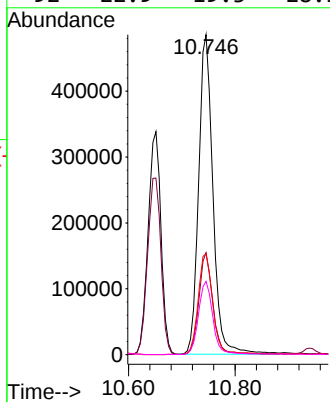
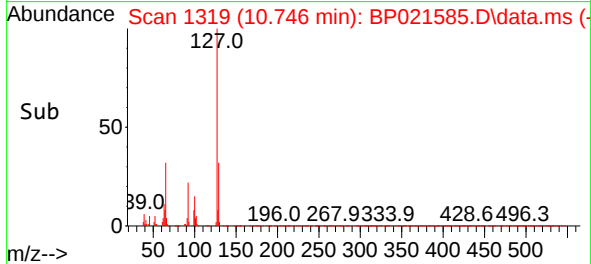
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



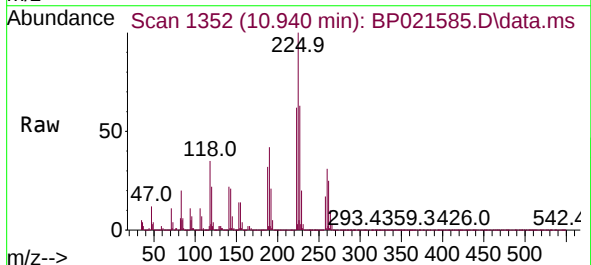
Tgt Ion:127 Resp: 906508
Ion Ratio Lower Upper
127 100
129 31.9 24.5 36.7
65 31.6 28.9 43.3
92 22.9 19.3 28.9

Manual Integrations
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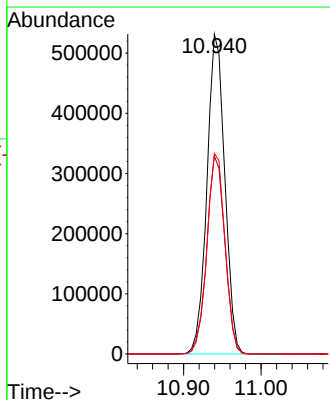
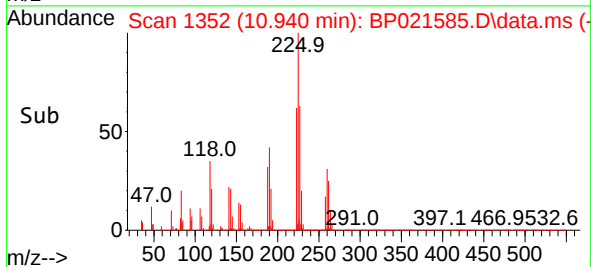
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

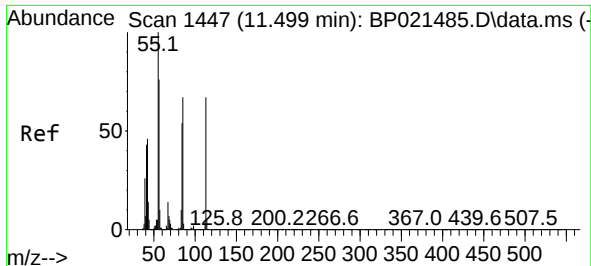


#34
Hexachlorobutadiene
Concen: 50.915 ng
RT: 10.940 min Scan# 1352
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53



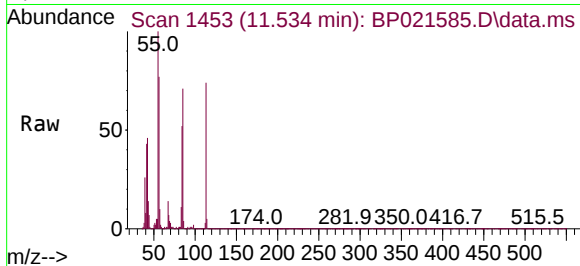
Tgt Ion:225 Resp: 850401
Ion Ratio Lower Upper
225 100
223 61.9 49.6 74.4
227 62.7 50.1 75.1





#35
Caprolactam
Concen: 53.785 ng
RT: 11.534 min Scan# 1447
Delta R.T. 0.035 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

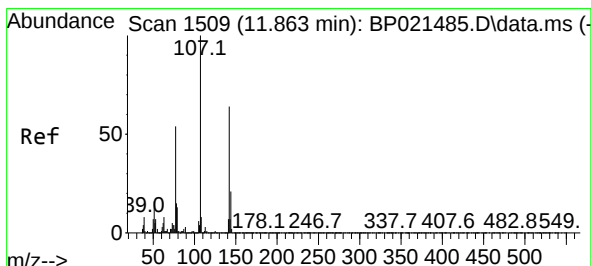
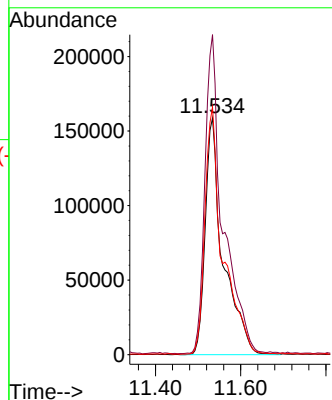
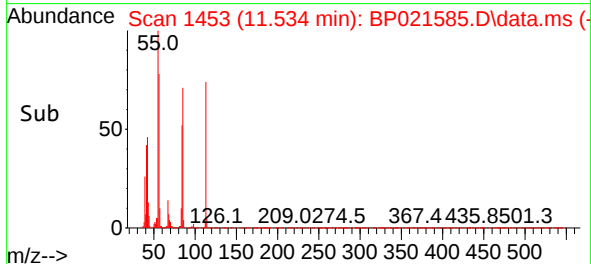
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:113 Resp: 463210
Ion Ratio Lower Upper
113 100
55 135.2 130.6 170.6
56 104.6 94.6 134.6

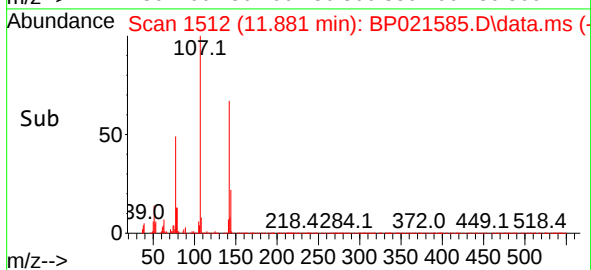
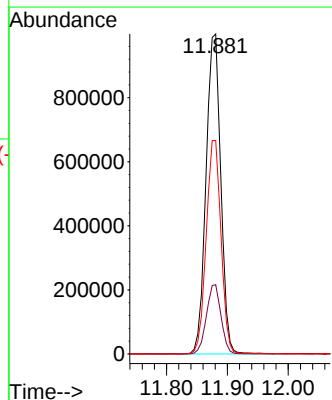
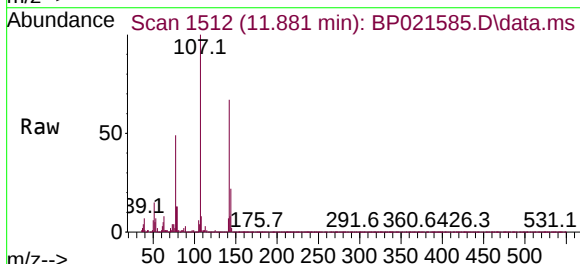
Manual Integrations
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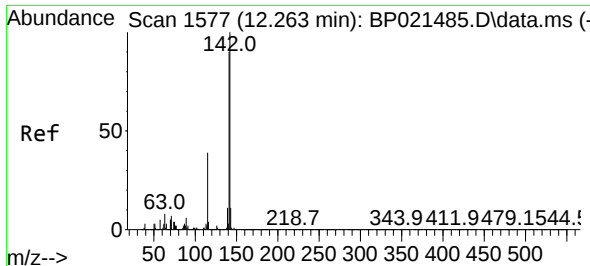
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#36
4-Chloro-3-methylphenol
Concen: 58.650 ng
RT: 11.881 min Scan# 1512
Delta R.T. 0.018 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

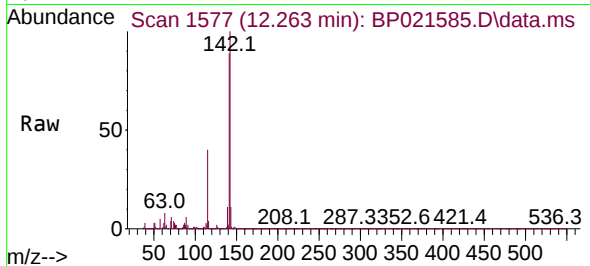
Tgt Ion:107 Resp: 1683373
Ion Ratio Lower Upper
107 100
144 21.6 16.6 24.8
142 66.7 51.0 76.4





#37
2-Methylnaphthalene
Concen: 52.505 ng
RT: 12.263 min Scan# 1577
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

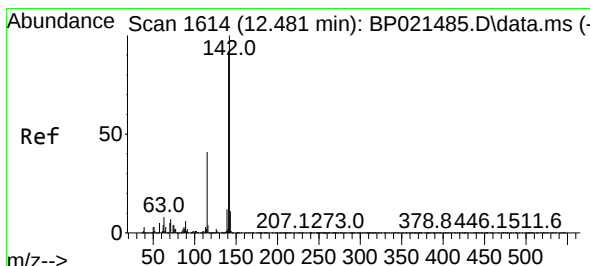
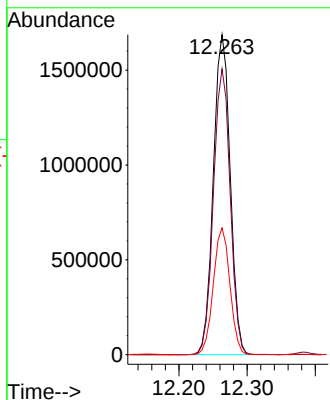
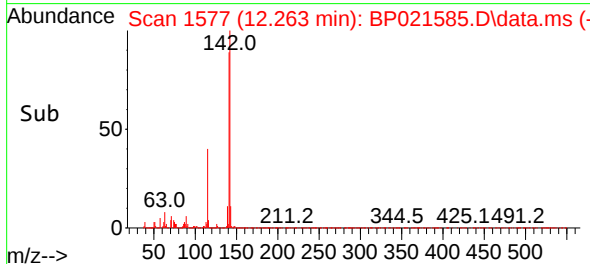
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



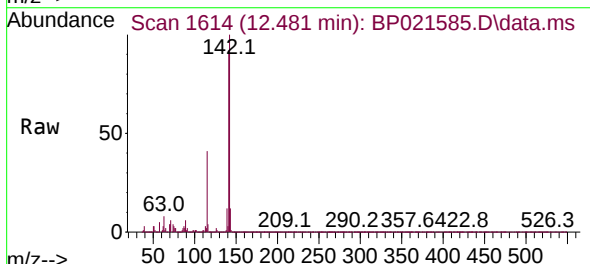
Tgt Ion:142 Resp: 2902238
Ion Ratio Lower Upper
142 100
141 89.3 71.7 107.5
115 39.6 31.4 47.2

Manual Integrations
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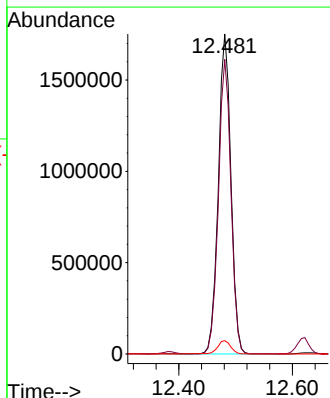
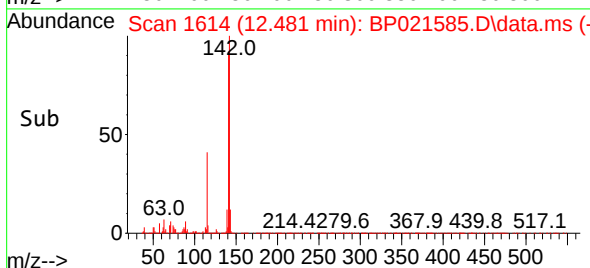
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

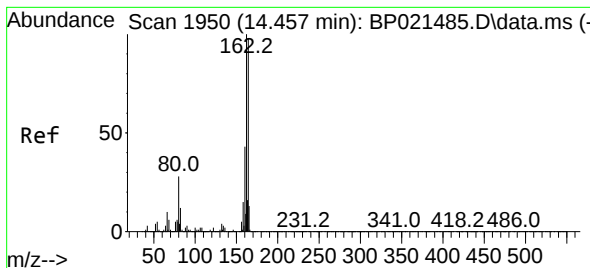


#38
1-Methylnaphthalene
Concen: 49.542 ng
RT: 12.481 min Scan# 1614
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53



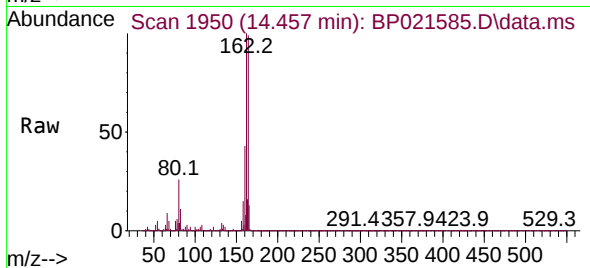
Tgt Ion:142 Resp: 2700844
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3
116 4.2 3.4 5.2





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

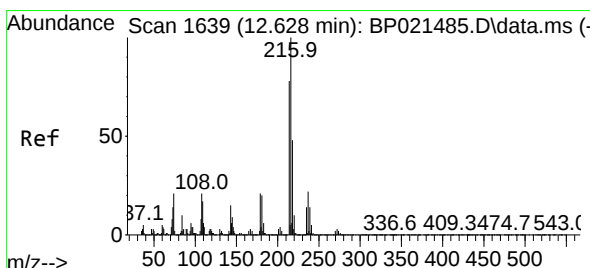
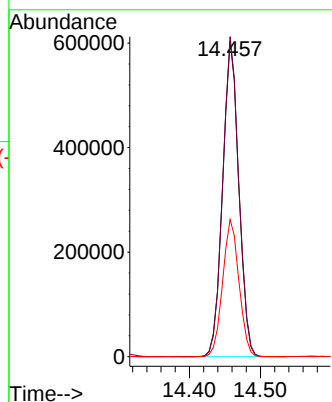
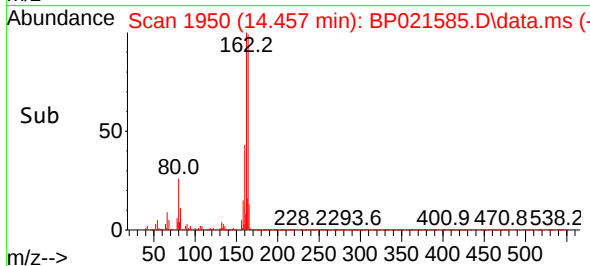
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



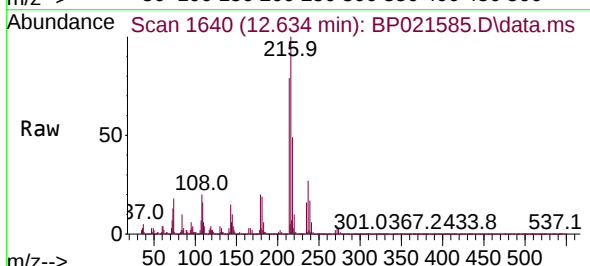
Tgt Ion:164 Resp: 947148
Ion Ratio Lower Upper
164 100
162 101.3 81.5 122.3
160 43.4 35.2 52.8

Manual Integrations
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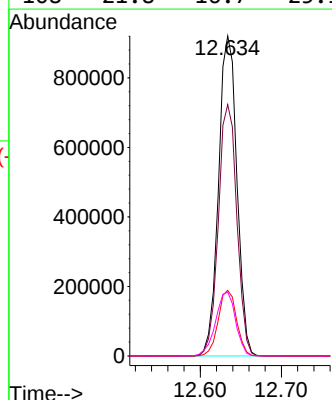
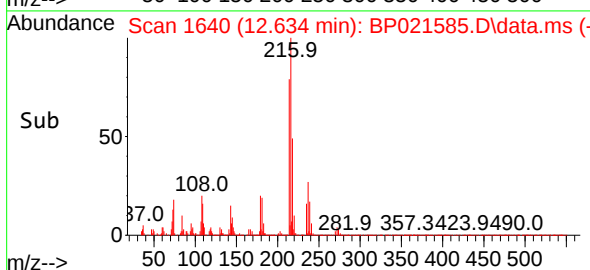
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

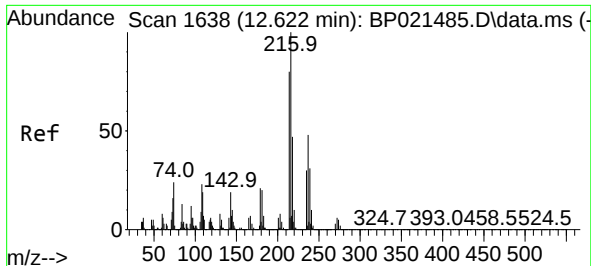


#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.207 ng
RT: 12.634 min Scan# 1640
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53



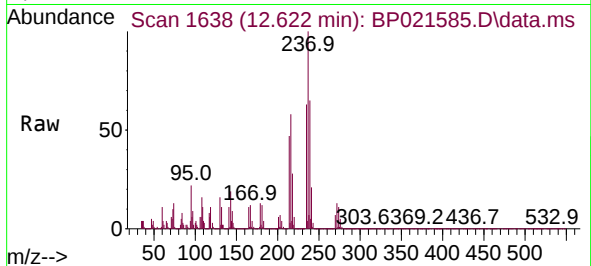
Tgt Ion:216 Resp: 1448826
Ion Ratio Lower Upper
216 100
214 78.8 62.5 93.7
179 20.5 16.4 24.6
108 21.8 16.7 25.1





#41
Hexachlorocyclopentadiene
Concen: 126.502 ng
RT: 12.622 min Scan# 1112654
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

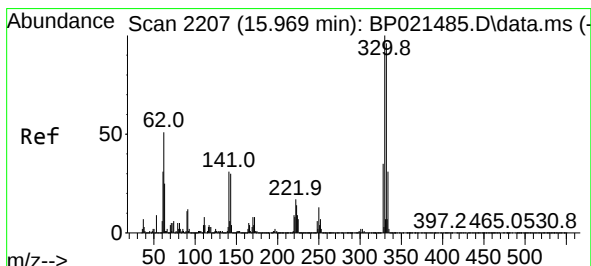
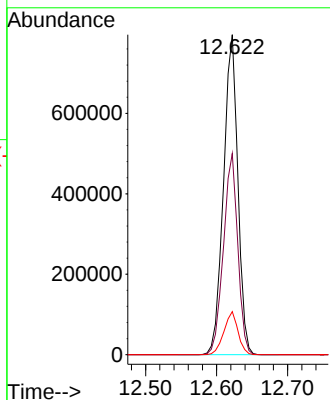
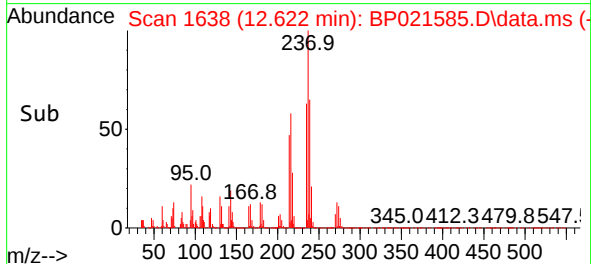
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:237 Resp: 1112654
Ion Ratio Lower Upper
237 100
235 62.9 43.9 83.9
272 13.4 0.0 33.3

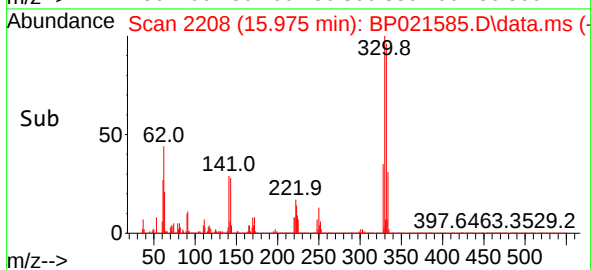
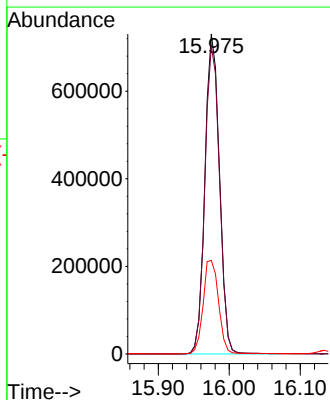
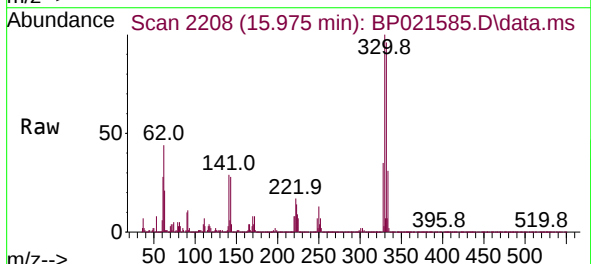
Manual Integrations
APPROVED

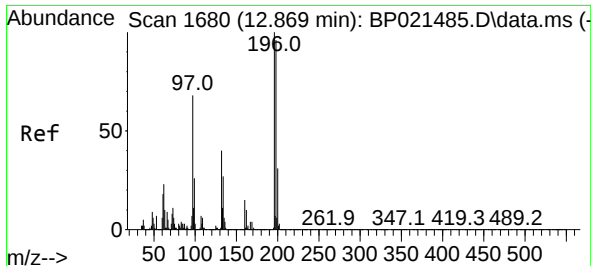
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#42
2,4,6-Tribromophenol
Concen: 99.013 ng
RT: 15.975 min Scan# 2208
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

Tgt Ion:330 Resp: 1043733
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.0
141 31.0 24.5 36.7





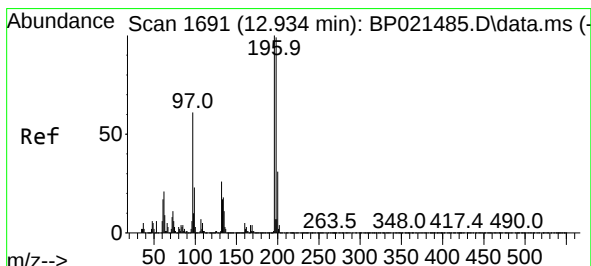
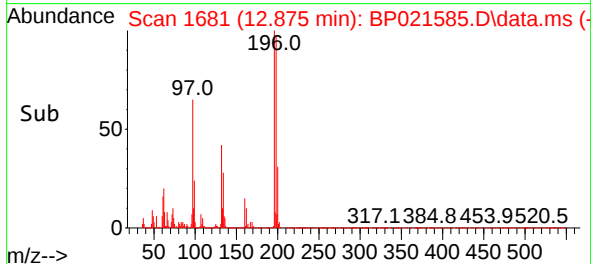
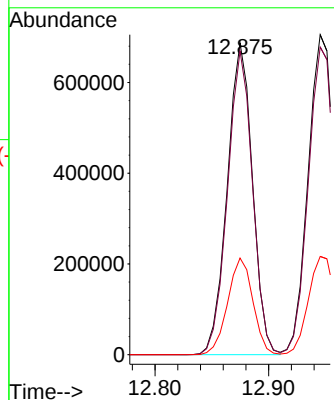
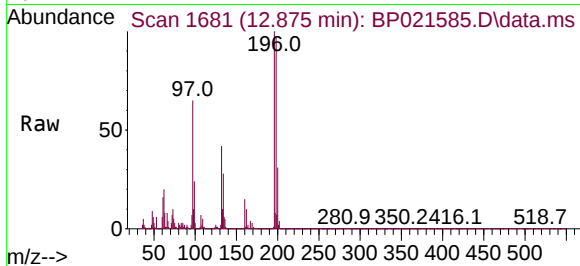
#43
2,4,6-Trichlorophenol
Concen: 68.774 ng
RT: 12.875 min Scan# 1680
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

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

Tgt Ion:196 Resp: 106018
Ion Ratio Lower Upper
196 100
198 97.4 76.6 114.8
200 31.0 24.5 36.7

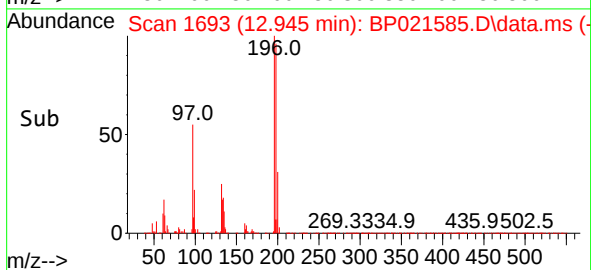
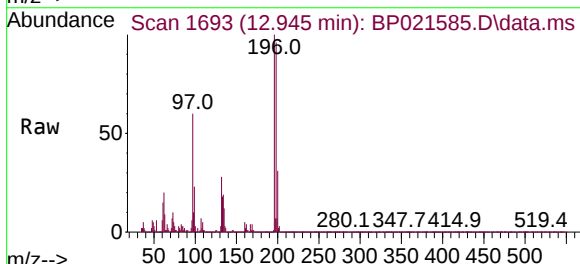
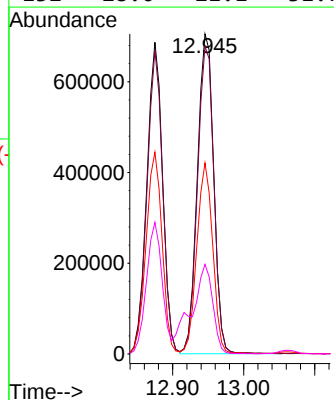
Manual Integrations
APPROVED

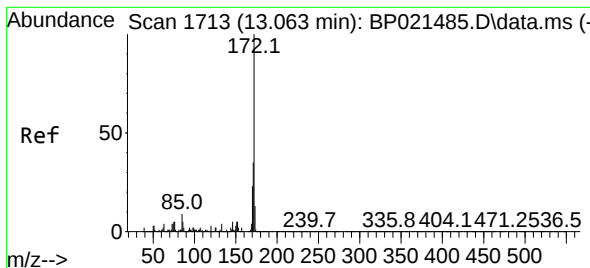
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#44
2,4,5-Trichlorophenol
Concen: 66.167 ng
RT: 12.945 min Scan# 1693
Delta R.T. 0.012 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

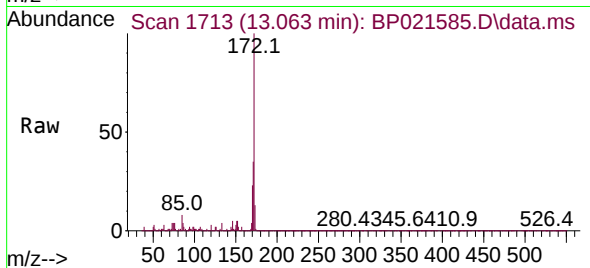
Tgt Ion:196 Resp: 1133270
Ion Ratio Lower Upper
196 100
198 96.1 78.9 118.3
97 59.7 49.4 74.0
132 28.0 21.1 31.7





#45
2-Fluorobiphenyl
Concen: 47.774 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

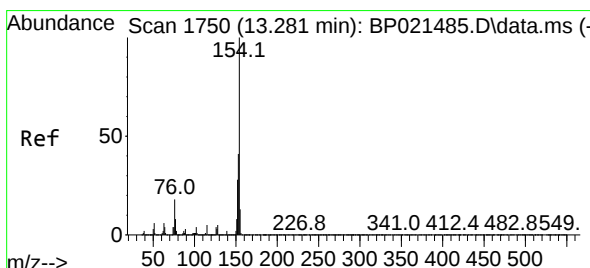
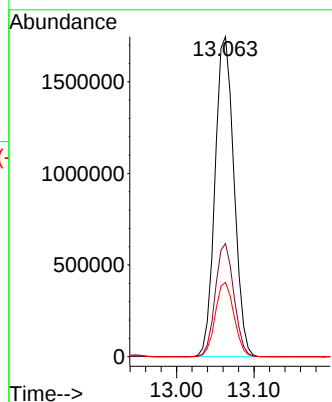
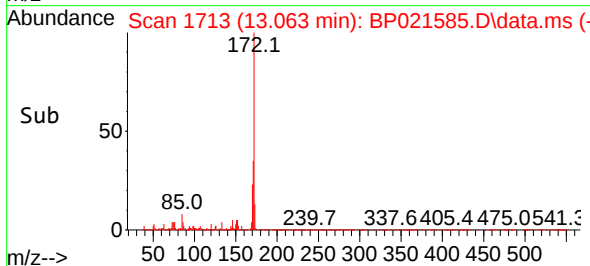
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



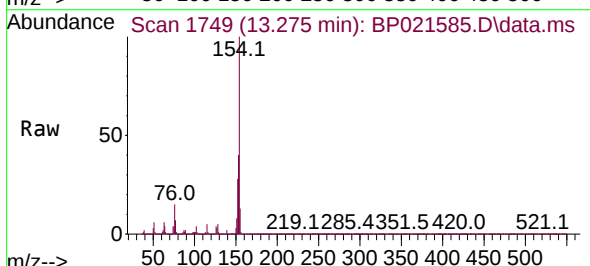
Tgt Ion:172 Resp: 2964880
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.2 18.4 27.6

Manual Integrations
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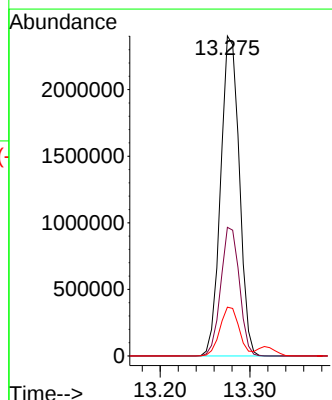
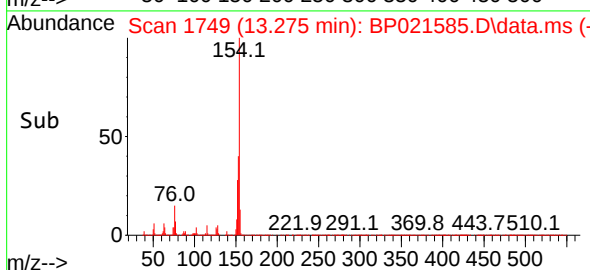
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

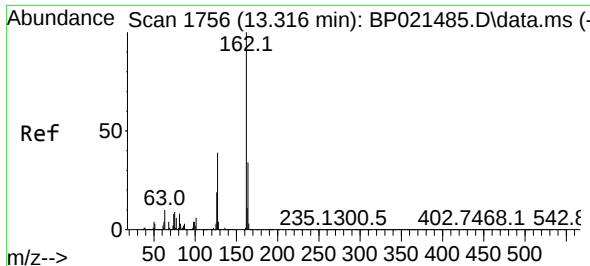


#46
1,1'-Biphenyl
Concen: 51.628 ng
RT: 13.275 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53



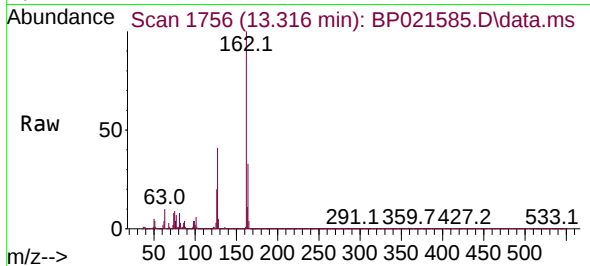
Tgt Ion:154 Resp: 3459692
Ion Ratio Lower Upper
154 100
153 40.2 20.7 60.7
76 15.3 0.0 37.7





#47
2-Chloronaphthalene
Concen: 55.129 ng
RT: 13.316 min Scan# 1756
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

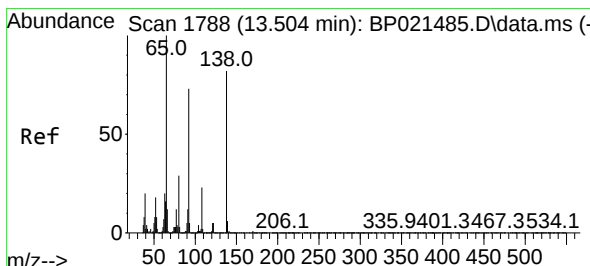
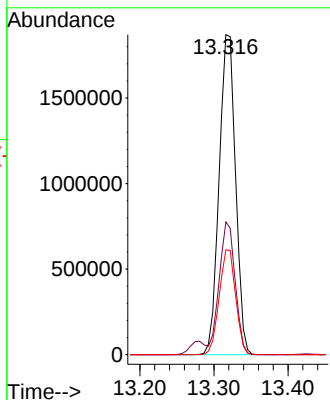
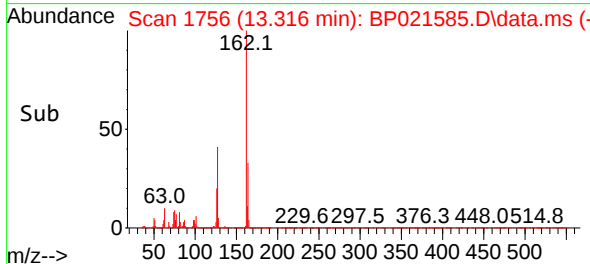
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:162 Resp: 2876124
Ion Ratio Lower Upper
162 100
127 41.4 31.9 47.9
164 32.8 26.8 40.2

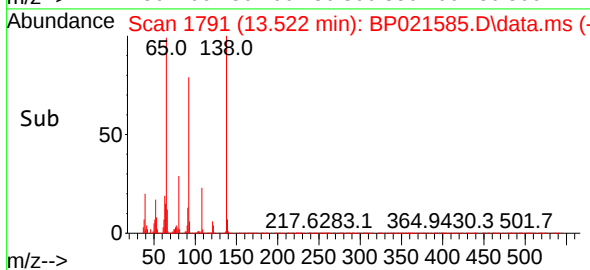
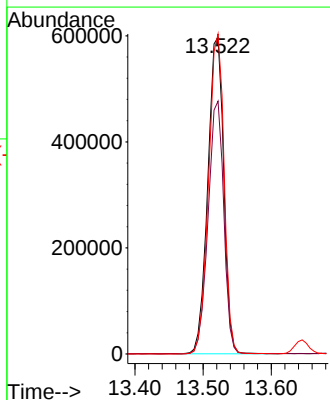
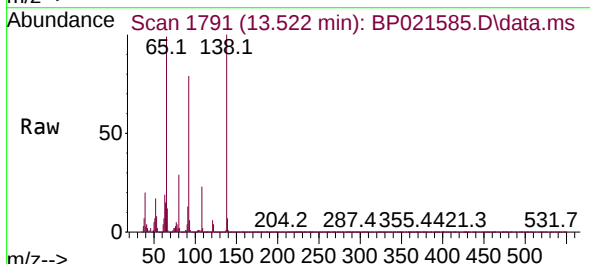
Manual Integrations
APPROVED

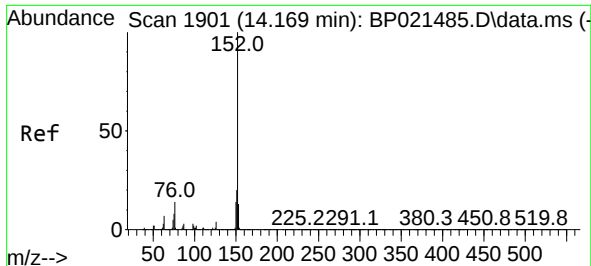
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#48
2-Nitroaniline
Concen: 64.280 ng
RT: 13.522 min Scan# 1791
Delta R.T. 0.018 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

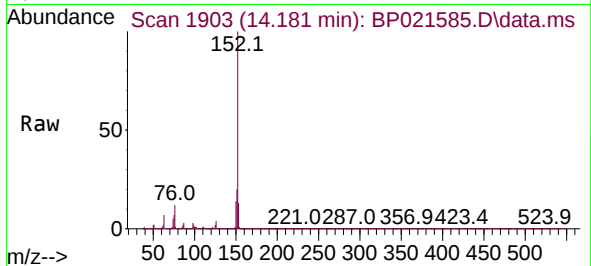
Tgt Ion: 65 Resp: 968504
Ion Ratio Lower Upper
65 100
92 79.8 58.1 87.1
138 101.1 65.5 98.3#





#49
Acenaphthylene
Concen: 60.125 ng
RT: 14.181 min Scan# 1903
Delta R.T. 0.012 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

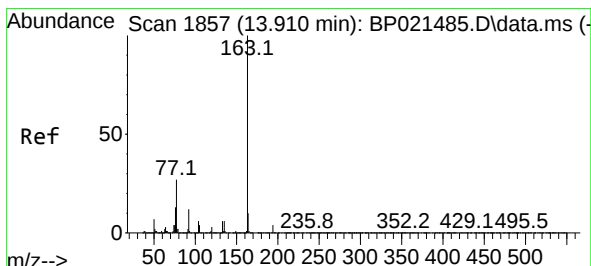
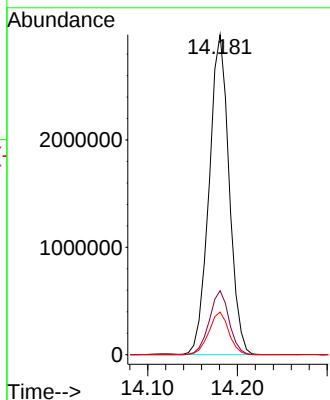
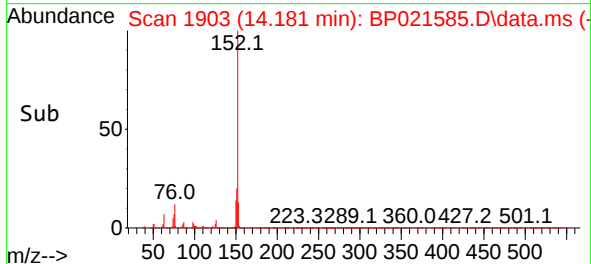
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



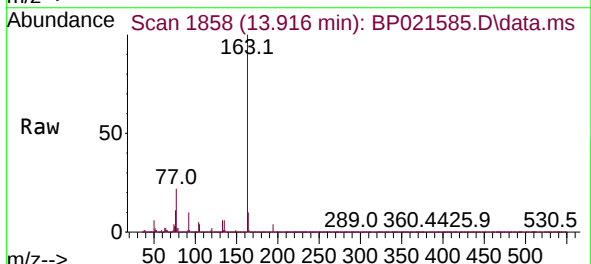
Tgt Ion:152 Resp: 4611218
Ion Ratio Lower Upper
152 100
151 20.0 15.9 23.9
153 13.3 10.6 16.0

Manual Integrations
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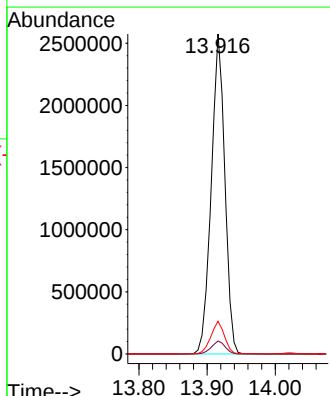
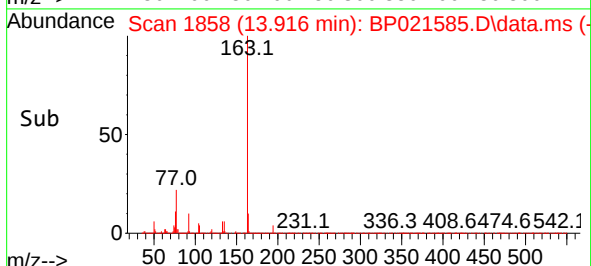
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

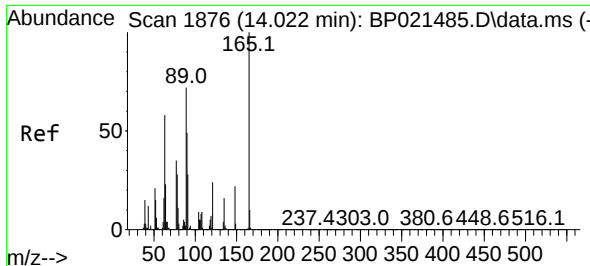


#50
Dimethylphthalate
Concen: 56.239 ng
RT: 13.916 min Scan# 1858
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53



Tgt Ion:163 Resp: 3567221
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 8.3 12.5





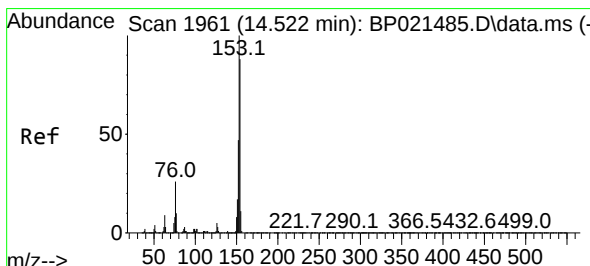
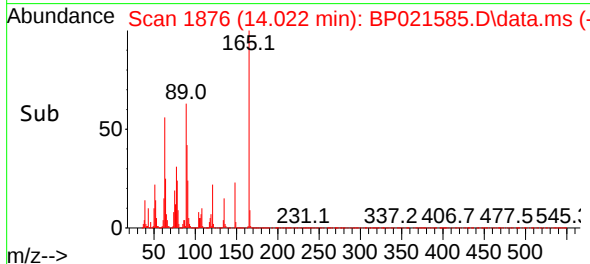
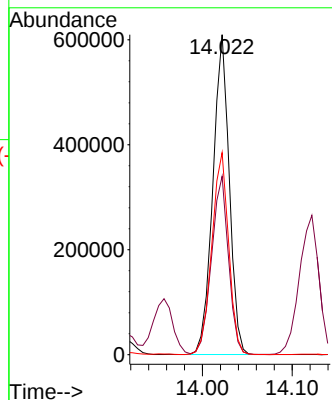
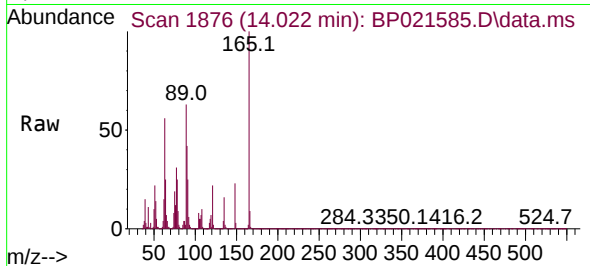
#51
2,6-Dinitrotoluene
Concen: 59.402 ng
RT: 14.022 min Scan# 1876
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

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

Tgt Ion:165 Resp: 773362
Ion Ratio Lower Upper
165 100
63 55.7 51.5 77.3
89 63.2 57.8 86.8

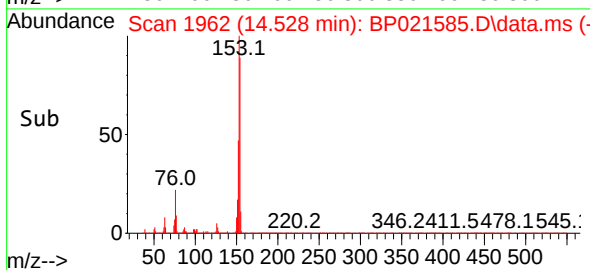
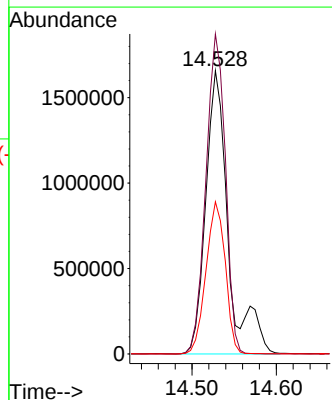
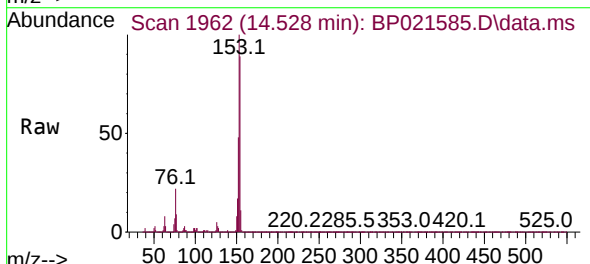
Manual Integrations
APPROVED

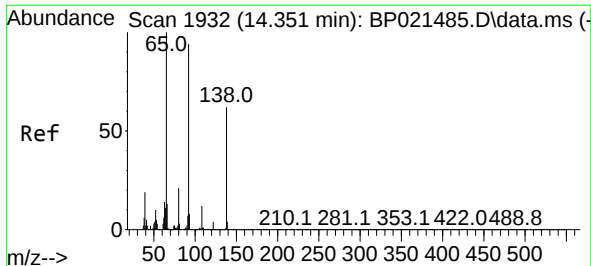
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#52
Acenaphthene
Concen: 61.092 ng m
RT: 14.528 min Scan# 1962
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

Tgt Ion:154 Resp: 3074267
Ion Ratio Lower Upper
154 100
153 113.0 91.1 136.7
152 53.7 43.0 64.4





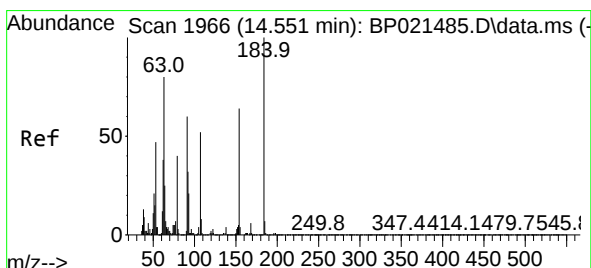
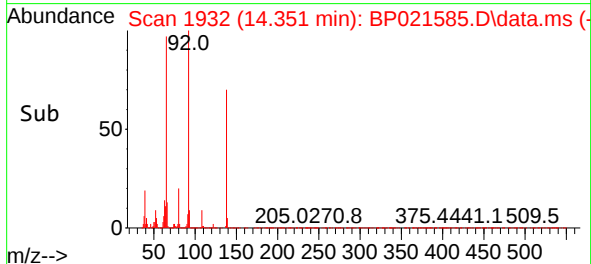
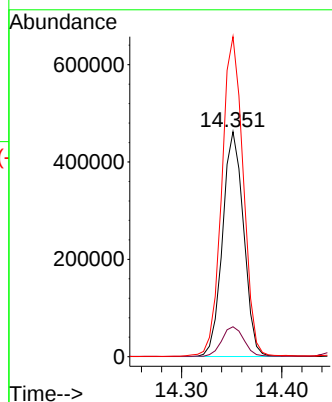
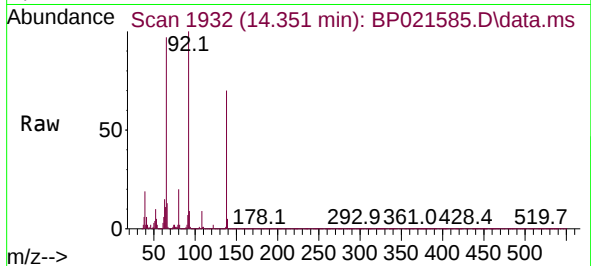
#53
3-Nitroaniline
Concen: 53.001 ng
RT: 14.351 min Scan# 1932
Delta R.T. 0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

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

Tgt Ion:138 Resp: 672432
Ion Ratio Lower Upper
138 100
108 13.3 16.2 24.4
92 142.3 122.2 183.4

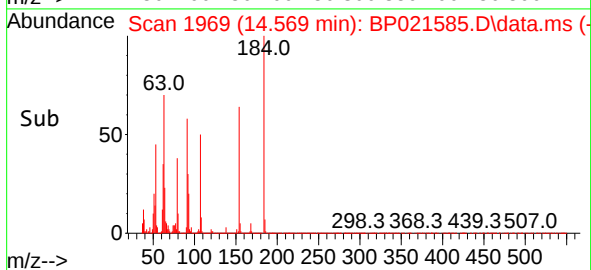
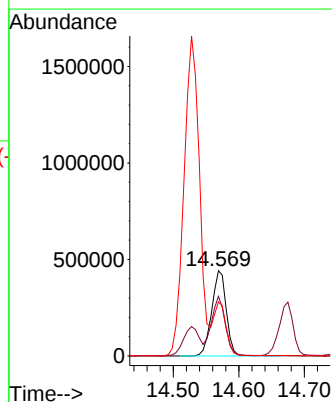
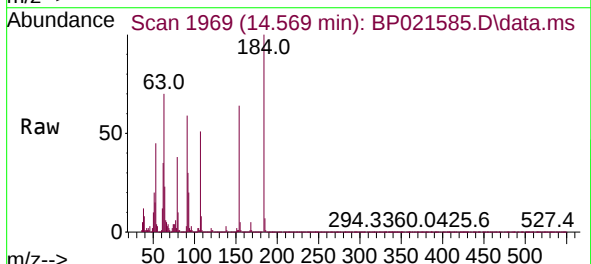
Manual Integrations
APPROVED

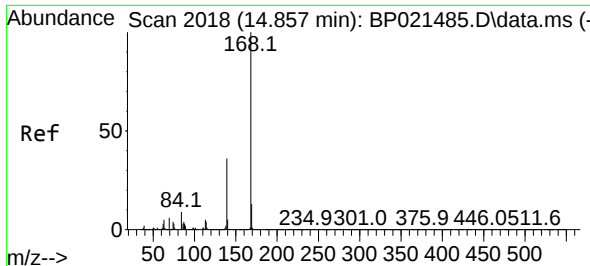
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#54
2,4-Dinitrophenol
Concen: 120.160 ng
RT: 14.569 min Scan# 1969
Delta R.T. 0.018 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

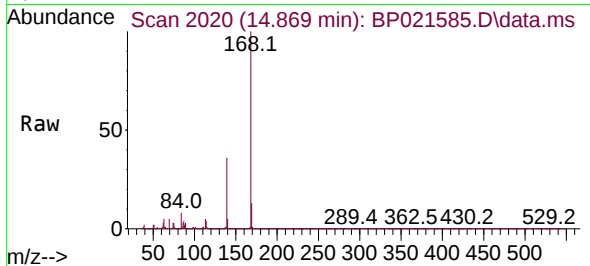
Tgt Ion:184 Resp: 679486
Ion Ratio Lower Upper
184 100
63 70.1 64.9 97.3
154 63.5 52.1 78.1





#55
Dibenzenofuran
Concen: 55.804 ng
RT: 14.869 min Scan# 2018
Delta R.T. 0.012 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

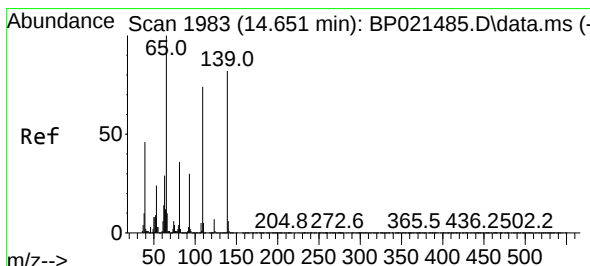
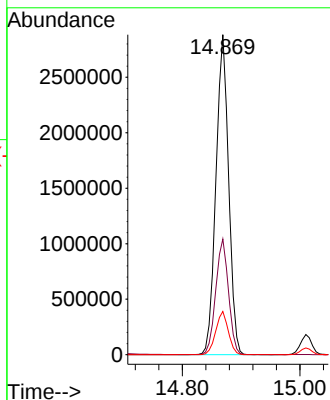
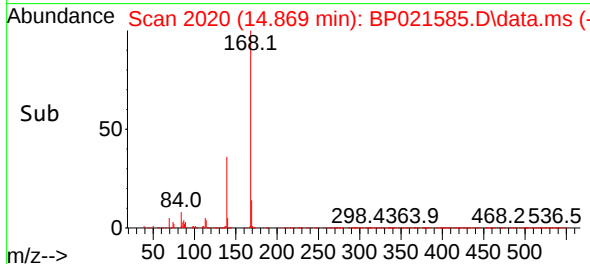
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:168 Resp: 431986
Ion Ratio Lower Upper
168 100
139 36.1 28.6 43.0
169 13.5 10.6 16.0

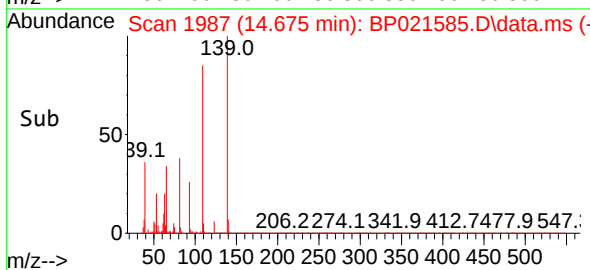
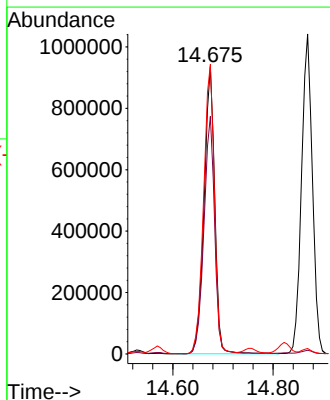
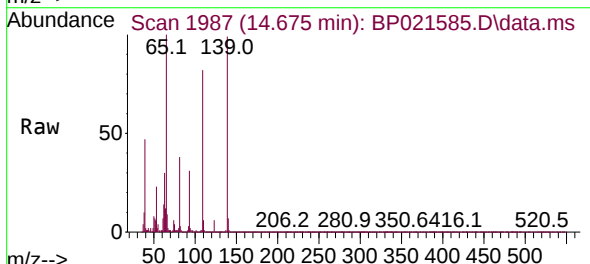
Manual Integrations
APPROVED

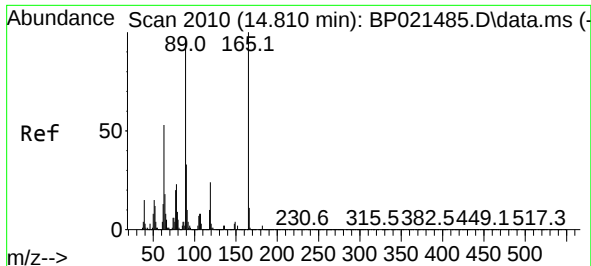
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#56
4-Nitrophenol
Concen: 128.194 ng
RT: 14.675 min Scan# 1987
Delta R.T. 0.024 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

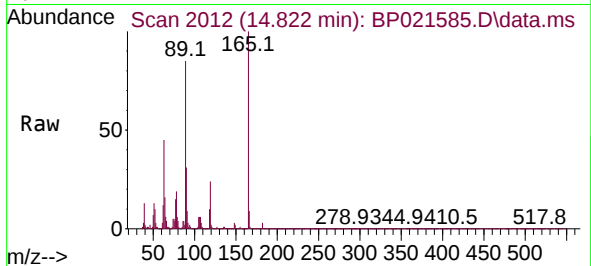
Tgt Ion:139 Resp: 1382934
Ion Ratio Lower Upper
139 100
109 82.8 70.2 110.2
65 100.9 101.8 141.8#





#57
2,4-Dinitrotoluene
Concen: 64.201 ng
RT: 14.822 min Scan# 2010
Delta R.T. 0.012 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

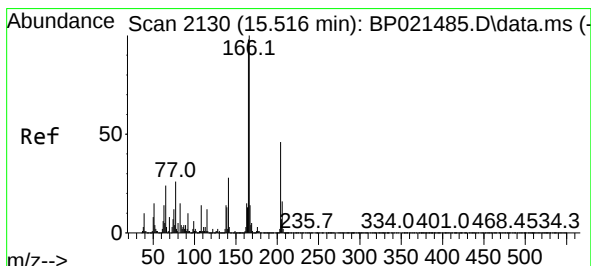
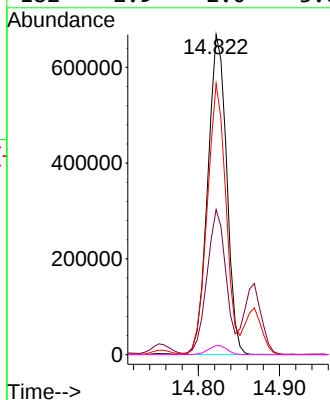
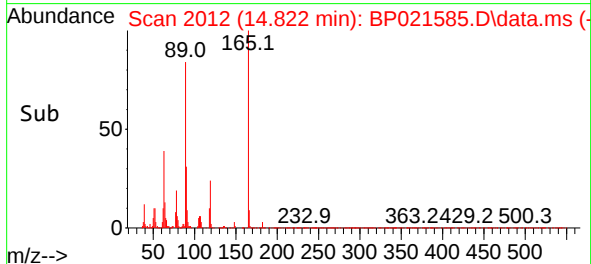
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:165 Resp: 1075739
Ion Ratio Lower Upper
165 100
63 45.4 42.5 63.7
89 84.7 77.1 115.7
182 2.9 2.0 3.0

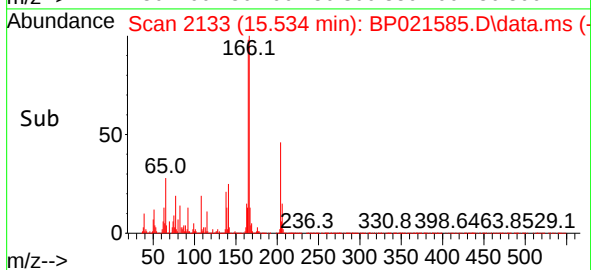
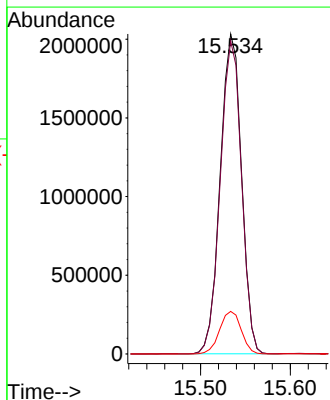
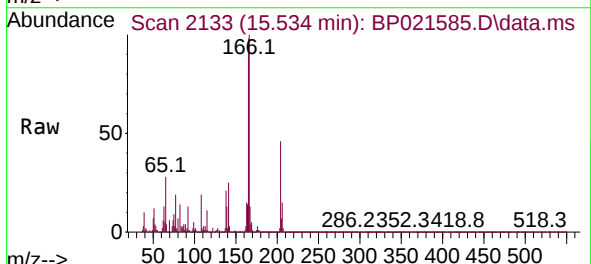
Manual Integrations
APPROVED

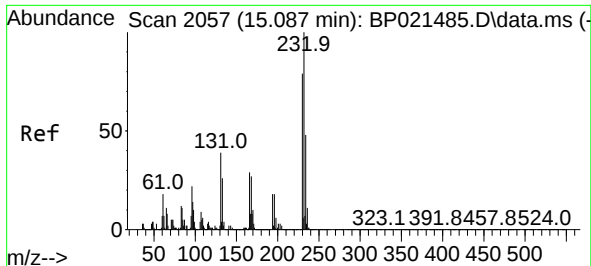
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#58
Fluorene
Concen: 52.659 ng
RT: 15.534 min Scan# 2133
Delta R.T. 0.018 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

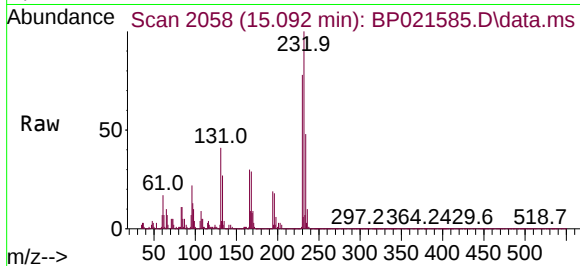
Tgt Ion:166 Resp: 3348830
Ion Ratio Lower Upper
166 100
165 97.8 78.1 117.1
167 13.3 11.0 16.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 68.484 ng
RT: 15.092 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

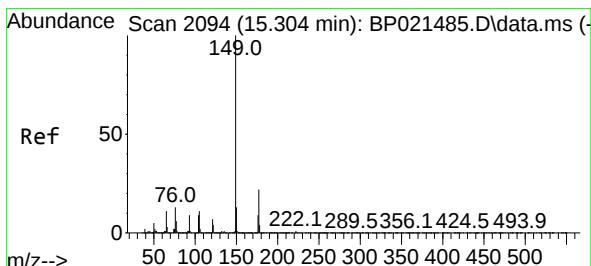
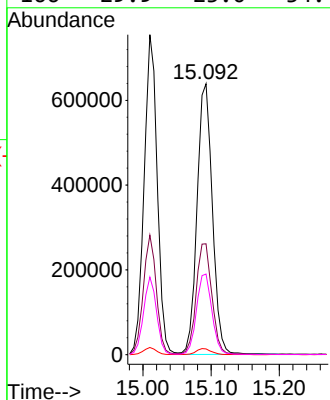
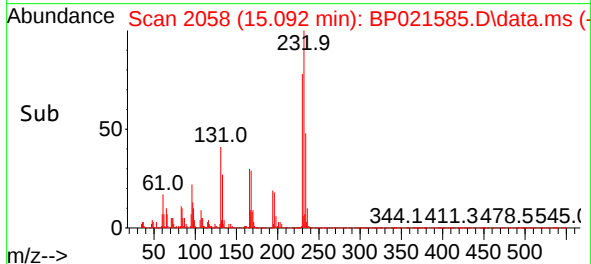
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:232 Resp: 995580
Ion Ratio Lower Upper
232 100
131 42.0 33.1 49.7
130 2.2 1.7 2.5
166 29.9 23.0 34.4

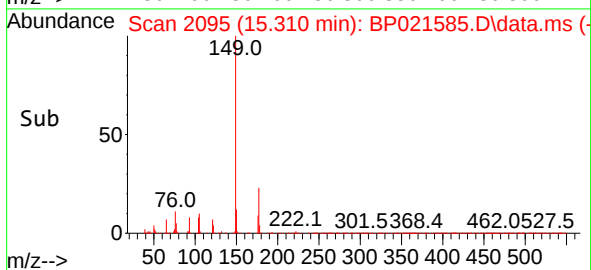
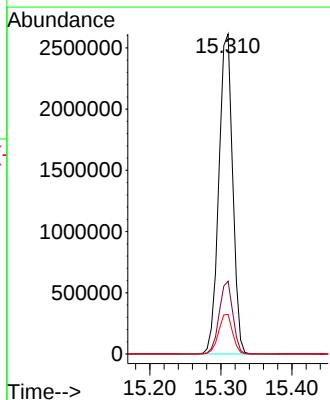
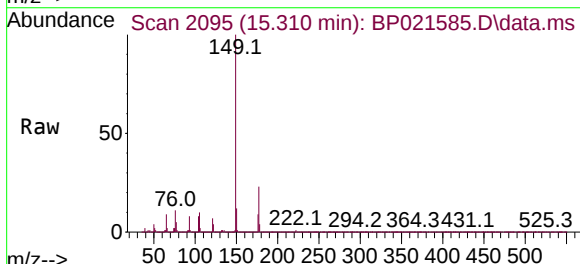
Manual Integrations
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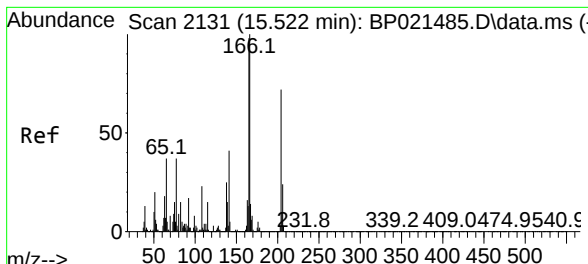
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#60
Diethylphthalate
Concen: 53.958 ng
RT: 15.310 min Scan# 2095
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

Tgt Ion:149 Resp: 3511691
Ion Ratio Lower Upper
149 100
177 22.8 17.8 26.8
150 12.3 10.1 15.1





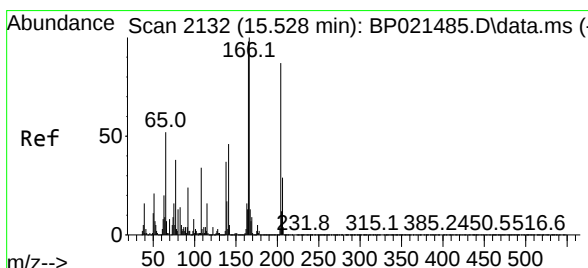
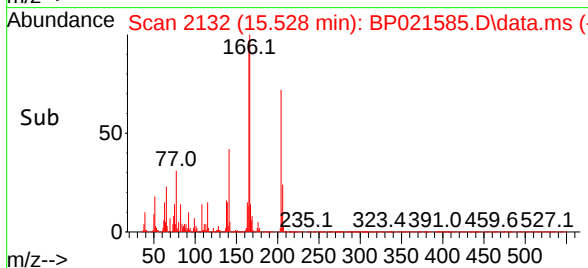
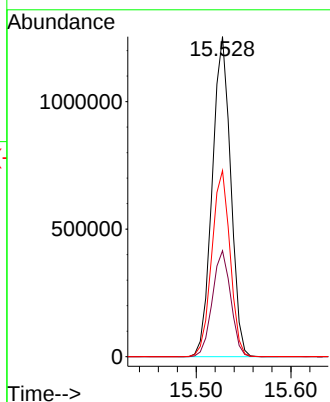
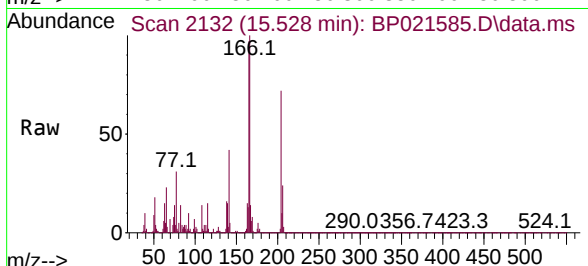
#61
4-Chlorophenyl-phenylether
Concen: 51.531 ng
RT: 15.528 min Scan# 2131
Delta R.T. 0.006 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

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

Tgt Ion:204 Resp: 1693952
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 58.1 46.1 69.1

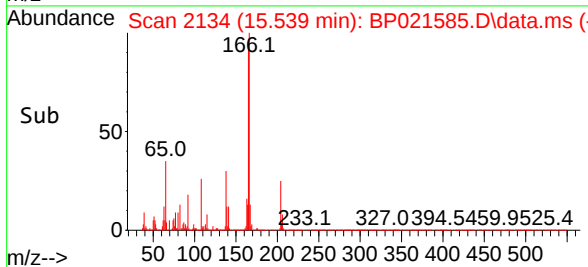
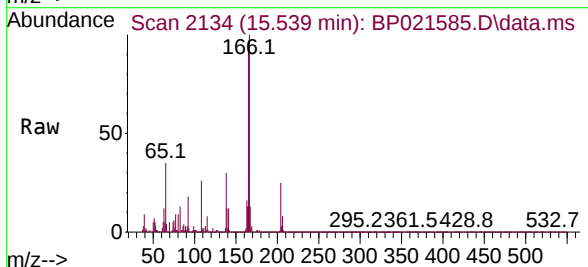
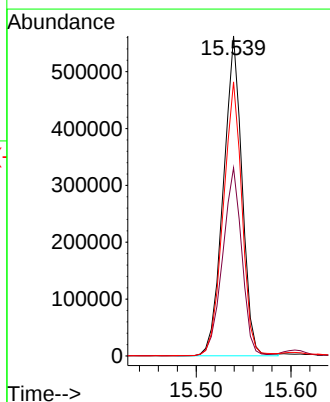
Manual Integrations
APPROVED

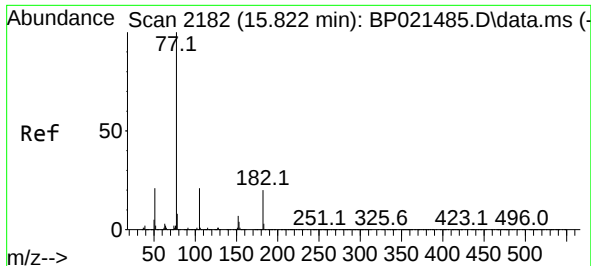
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#62
4-Nitroaniline
Concen: 59.004 ng
RT: 15.539 min Scan# 2134
Delta R.T. 0.011 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

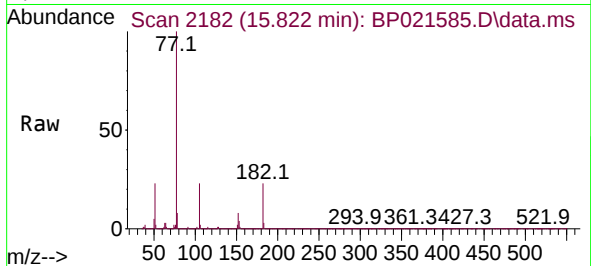
Tgt Ion:138 Resp: 772259
Ion Ratio Lower Upper
138 100
92 58.8 46.4 86.4
108 85.7 73.2 113.2





#63
Azobenzene
Concen: 48.892 ng
RT: 15.822 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

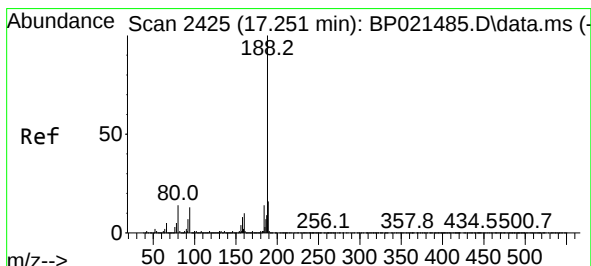
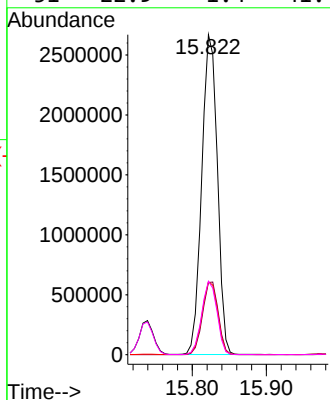
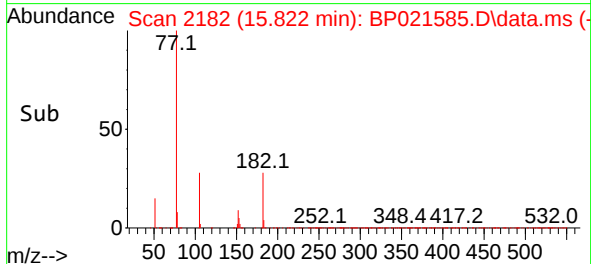
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion: 77 Resp: 391138
Ion Ratio Lower Upper
77 100
182 22.6 0.0 39.9
105 22.8 0.9 40.9
51 22.9 1.4 41.4

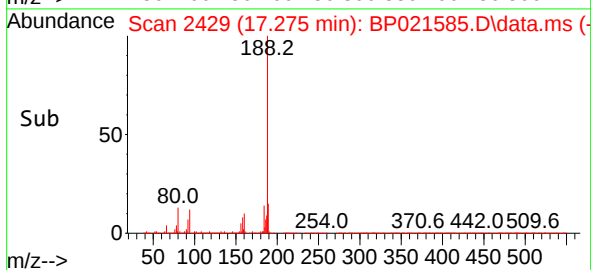
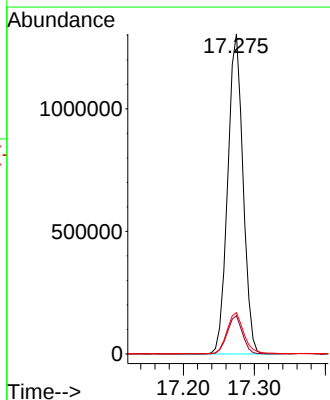
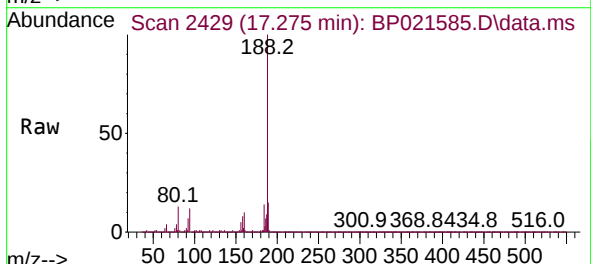
Manual Integrations
APPROVED

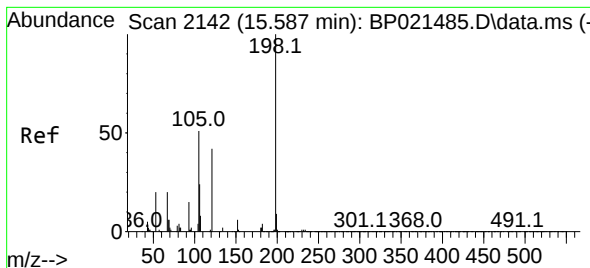
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.275 min Scan# 2429
Delta R.T. 0.023 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

Tgt Ion:188 Resp: 1951759
Ion Ratio Lower Upper
188 100
94 11.9 10.2 15.4
80 12.9 11.6 17.4





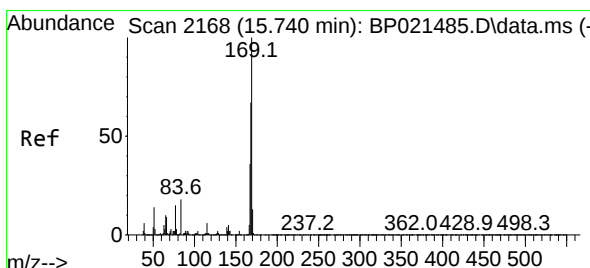
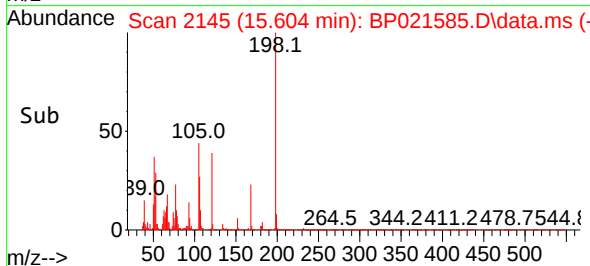
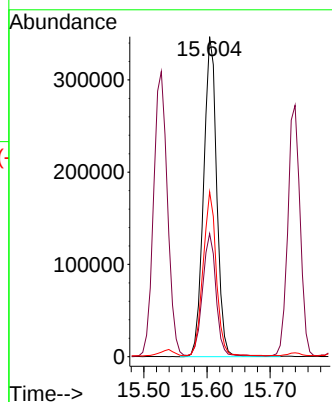
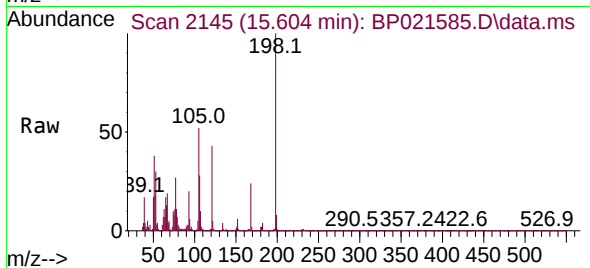
#65
4,6-Dinitro-2-methylphenol
Concen: 71.782 ng
RT: 15.604 min Scan# 2145
Delta R.T. 0.017 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

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

Tgt Ion:198 Resp: 500985
Ion Ratio Lower Upper
198 100
51 38.4 21.5 61.5
105 51.5 32.9 72.9

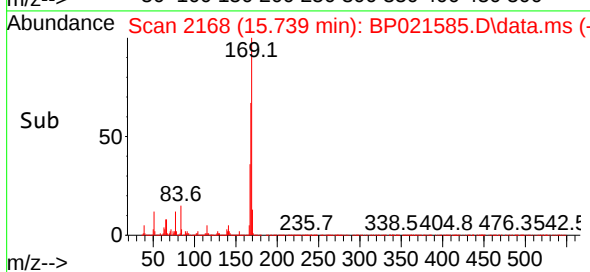
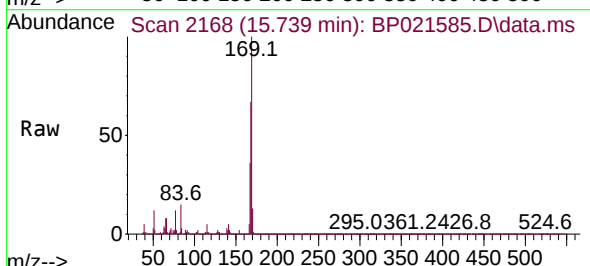
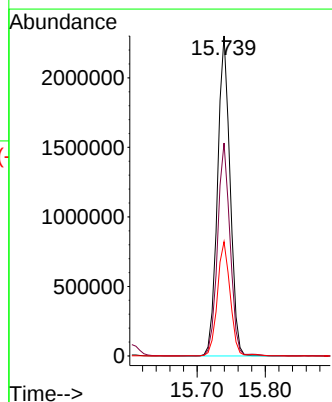
Manual Integrations
APPROVED

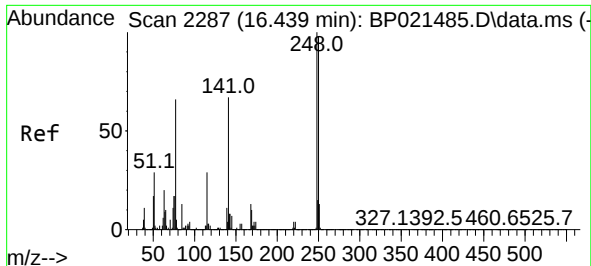
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#66
n-Nitrosodiphenylamine
Concen: 56.292 ng
RT: 15.739 min Scan# 2168
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

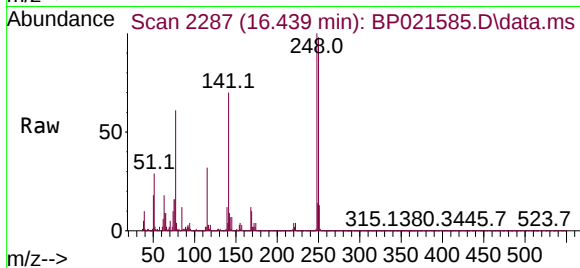
Tgt Ion:169 Resp: 2944323
Ion Ratio Lower Upper
169 100
168 66.6 53.4 80.2
167 35.7 28.7 43.1





#67
4-Bromophenyl-phenylether
Concen: 55.253 ng
RT: 16.439 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

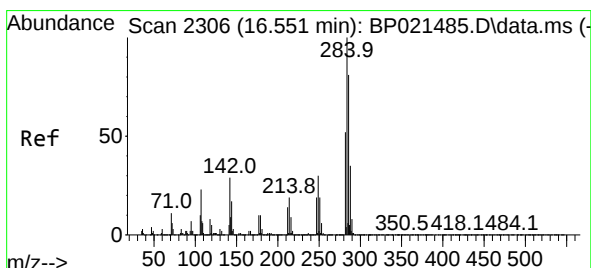
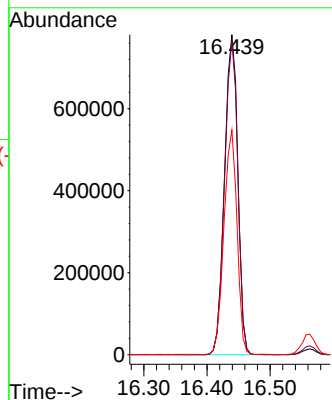
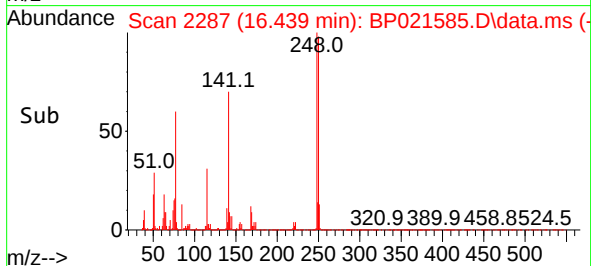
Instrument :
BNA_P
ClientSampleId :
OU4-TS-08-080724MSD



Tgt Ion:248 Resp: 114134
Ion Ratio Lower Upper
248 100
250 98.0 78.6 117.8
141 70.2 53.9 80.9

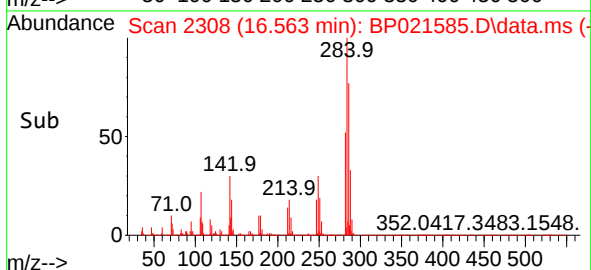
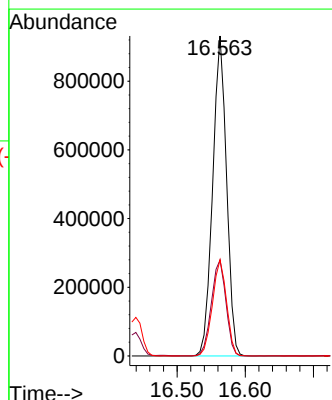
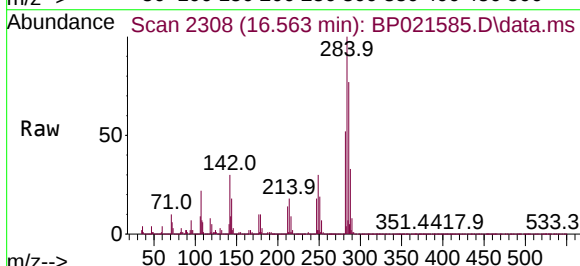
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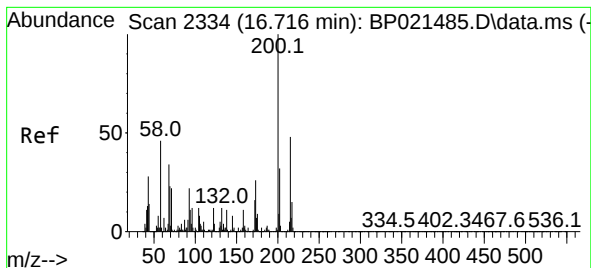
Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#68
Hexachlorobenzene
Concen: 53.971 ng
RT: 16.563 min Scan# 2308
Delta R.T. 0.012 min
Lab File: BP021585.D
Acq: 20 Aug 2024 23:53

Tgt Ion:284 Resp: 1317493
Ion Ratio Lower Upper
284 100
142 30.0 23.4 35.2
249 30.0 24.1 36.1





#69

Atrazine

Concen: 54.612 ng

RT: 16.716 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

Instrument :

BNA_P

ClientSampleId :

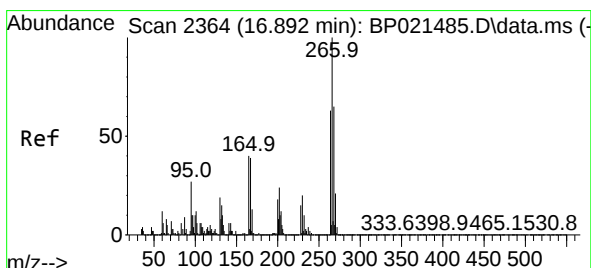
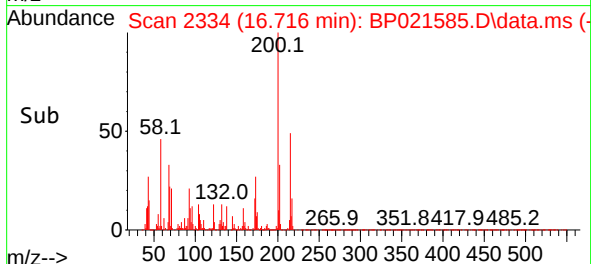
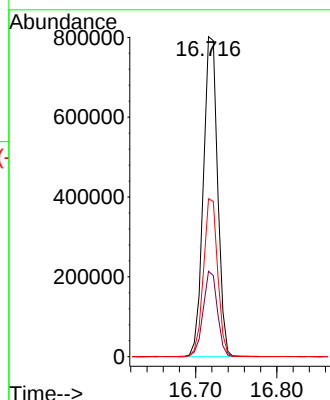
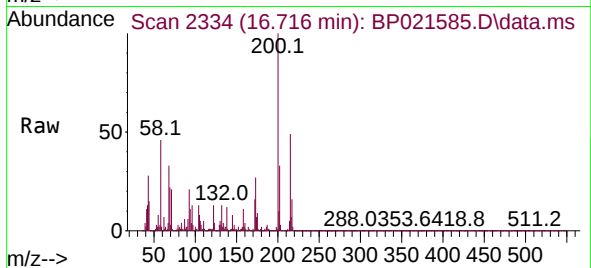
OU4-TS-08-080724MSD

Tgt Ion:200 Resp: 980700
 Ion Ratio Lower Upper
 200 100
 173 26.7 6.2 46.2
 215 49.4 28.4 68.4

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024



#70

Pentachlorophenol

Concen: 126.716 ng

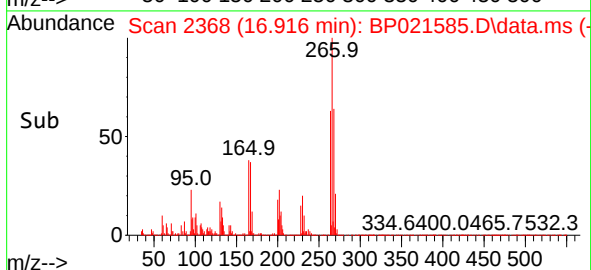
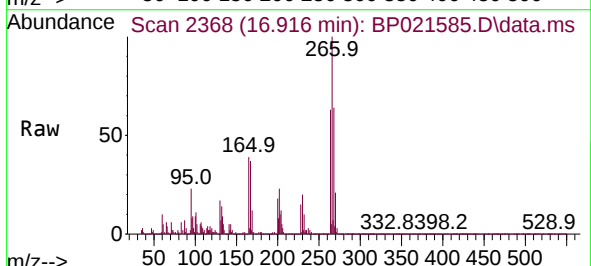
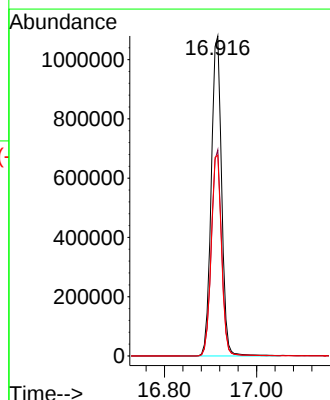
RT: 16.916 min Scan# 2368

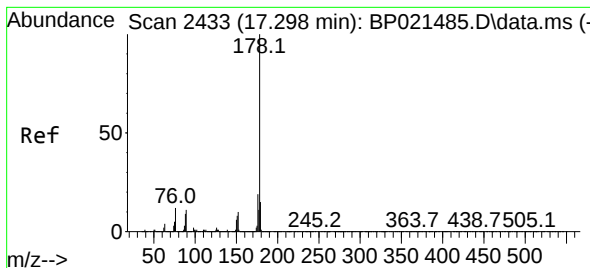
Delta R.T. 0.024 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

Tgt Ion:266 Resp: 1688325
 Ion Ratio Lower Upper
 266 100
 268 64.4 51.8 77.6
 264 62.7 50.5 75.7





#71

Phenanthrene

Concen: 57.219 ng

RT: 17.316 min Scan# 2436

Delta R.T. 0.018 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

Tgt Ion:178 Resp: 537087

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.2

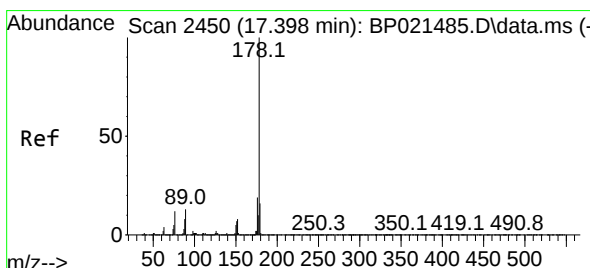
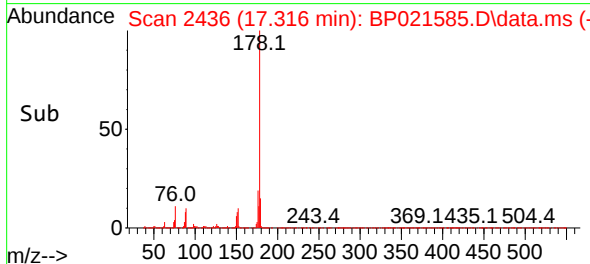
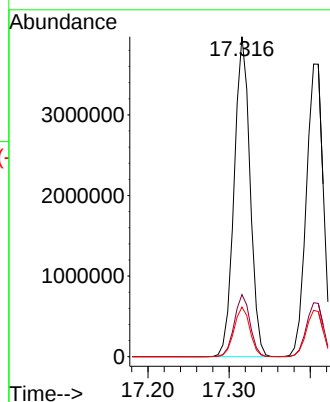
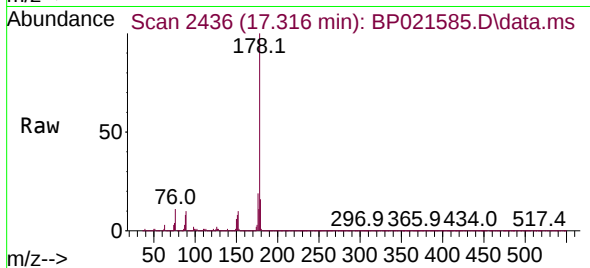
179 15.5 12.4 18.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#72

Anthracene

Concen: 57.460 ng

RT: 17.404 min Scan# 2451

Delta R.T. 0.006 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

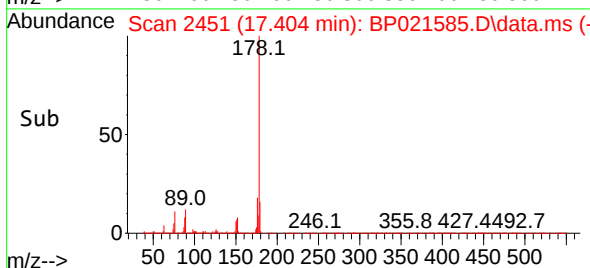
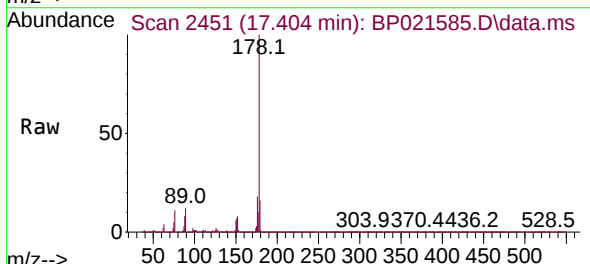
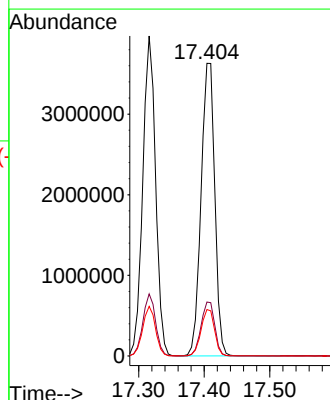
Tgt Ion:178 Resp: 5289493

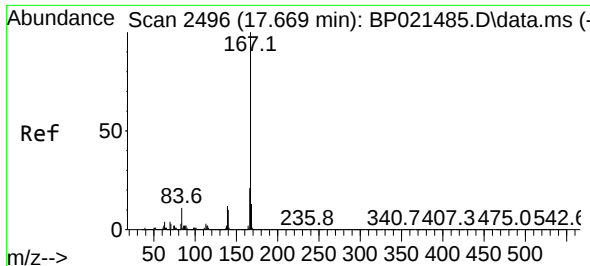
Ion Ratio Lower Upper

178 100

176 18.4 14.9 22.3

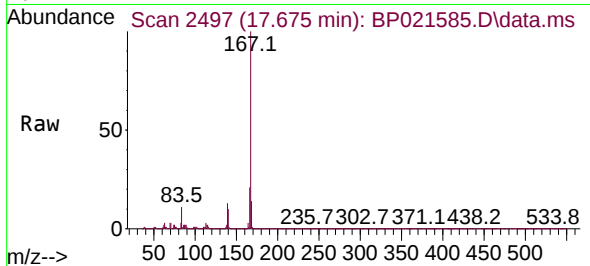
179 15.8 12.5 18.7





#73
 Carbazole
 Concen: 57.368 ng
 RT: 17.675 min Scan# 2496
 Delta R.T. 0.006 min
 Lab File: BP021585.D
 Acq: 20 Aug 2024 23:53

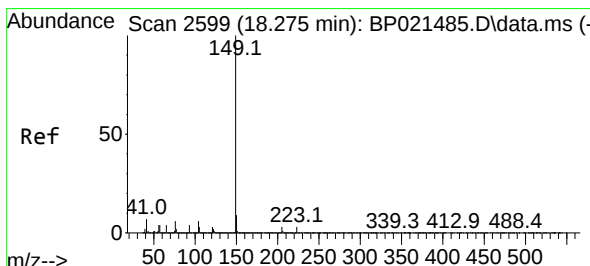
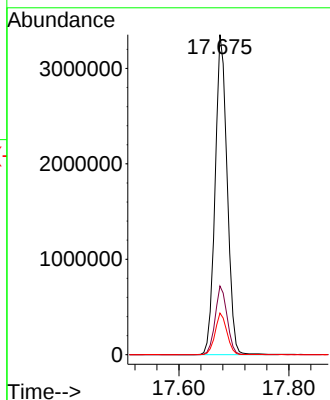
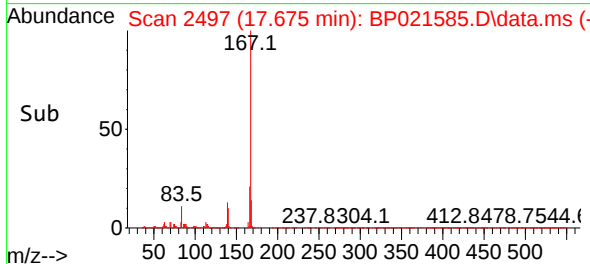
Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-08-080724MSD



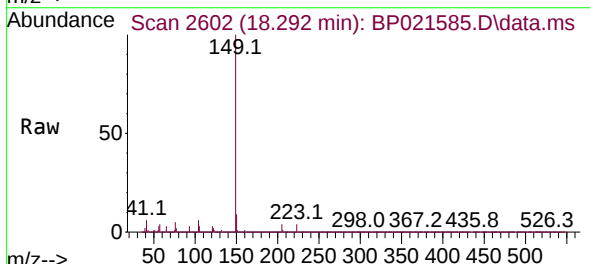
Tgt Ion:167 Resp: 5089438
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 13.0 9.9 14.9

Manual Integrations
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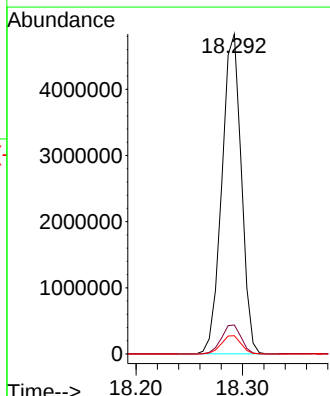
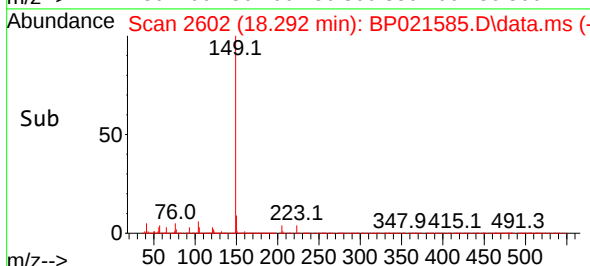
Reviewed By :Jagrut Upadhyay 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024

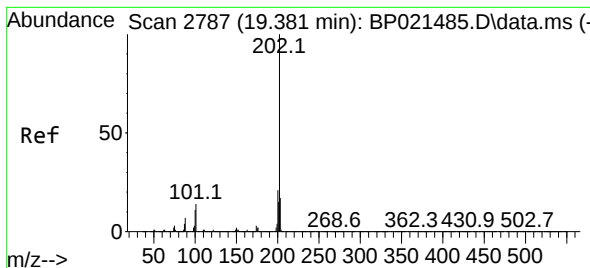


#74
 Di-n-butylphthalate
 Concen: 56.222 ng
 RT: 18.292 min Scan# 2602
 Delta R.T. 0.018 min
 Lab File: BP021585.D
 Acq: 20 Aug 2024 23:53



Tgt Ion:149 Resp: 6125525
 Ion Ratio Lower Upper
 149 100
 150 9.1 7.5 11.3
 104 5.7 4.9 7.3





#75

Fluoranthene

Concen: 58.054 ng

RT: 19.398 min Scan# 21

Delta R.T. 0.018 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

Tgt Ion:202 Resp: 668609

Ion Ratio Lower Upper

202 100

101 13.0 0.0 34.0

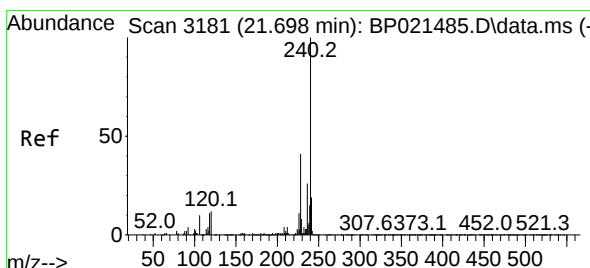
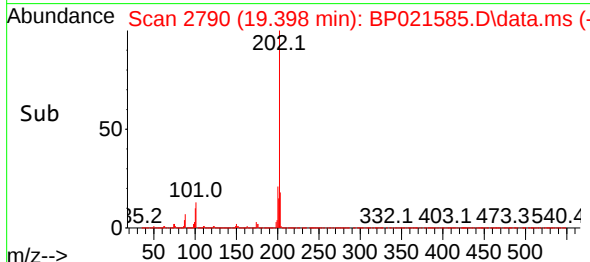
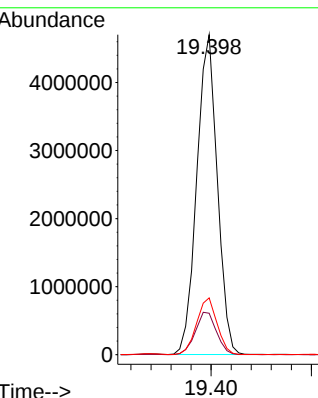
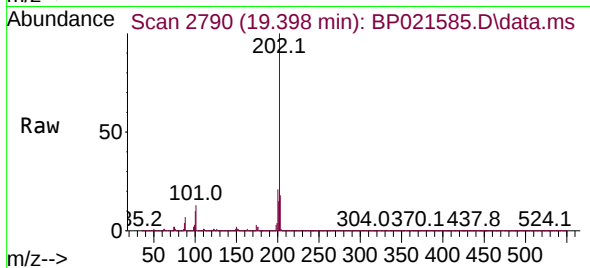
203 17.7 0.0 37.5

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.733 min Scan# 3187

Delta R.T. 0.035 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

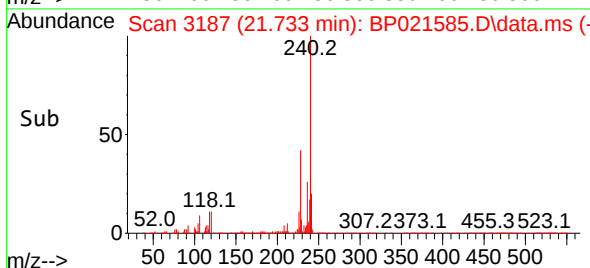
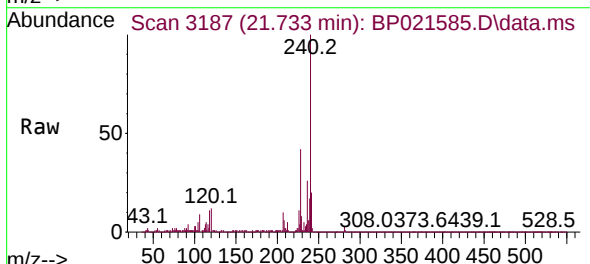
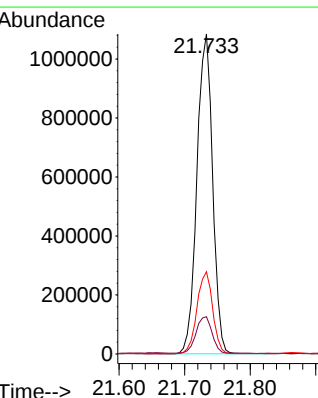
Tgt Ion:240 Resp: 1801849

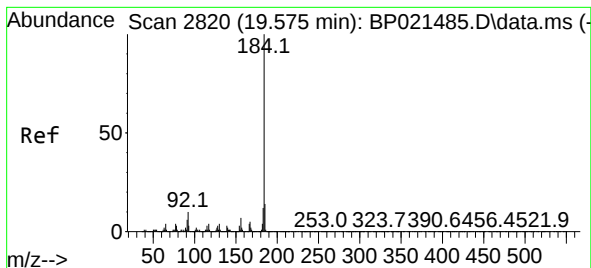
Ion Ratio Lower Upper

240 100

120 11.7 9.9 14.9

236 25.7 20.6 30.8





#77

Benzidine

Concen: 45.795 ng

RT: 19.580 min Scan# 2820

Delta R.T. 0.005 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

Instrument :

BNA_P

ClientSampleId :

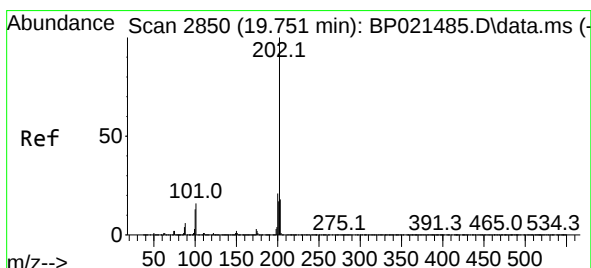
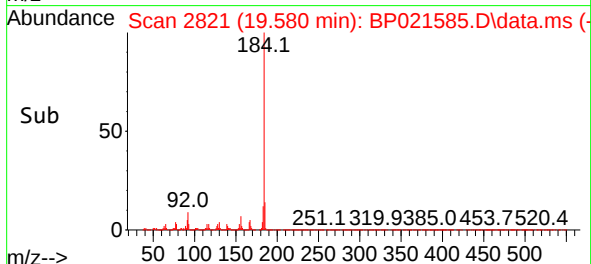
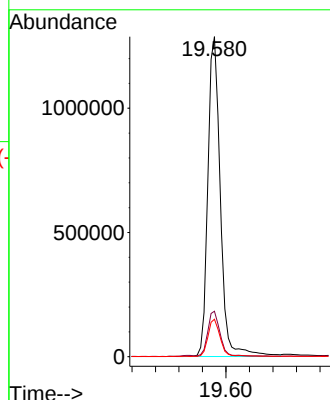
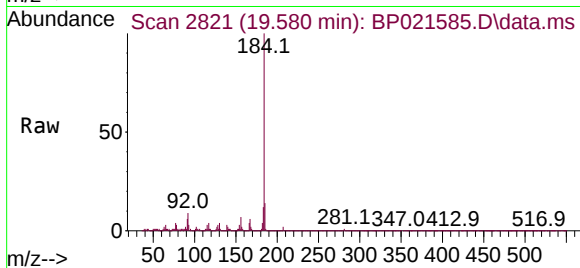
OU4-TS-08-080724MSD

Tgt Ion:184 Resp: 1898750
 Ion Ratio Lower Upper
 184 100
 185 14.2 11.4 17.0
 183 11.7 9.3 13.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024



#78

Pyrene

Concen: 58.697 ng

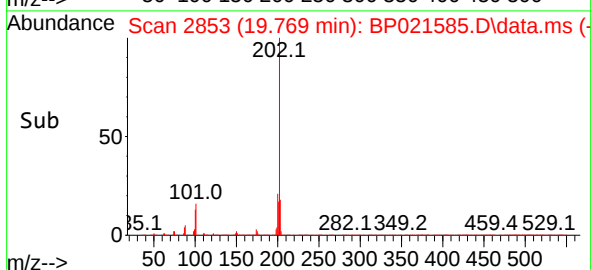
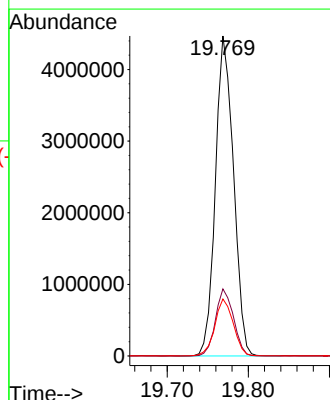
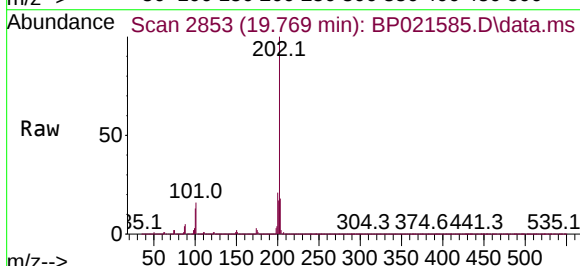
RT: 19.769 min Scan# 2853

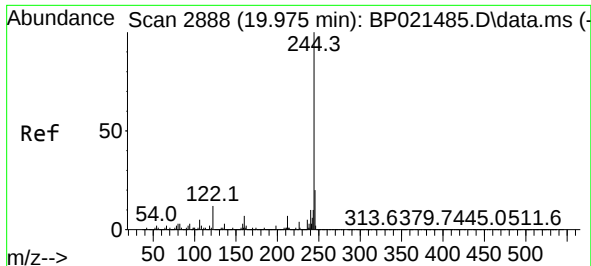
Delta R.T. 0.018 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

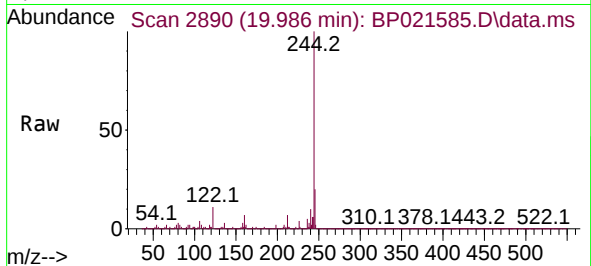
Tgt Ion:202 Resp: 6912882
 Ion Ratio Lower Upper
 202 100
 200 20.9 16.7 25.1
 203 17.8 14.1 21.1





#79
 Terphenyl-d14
 Concen: 44.031 ng
 RT: 19.986 min Scan# 21
 Delta R.T. 0.011 min
 Lab File: BP021585.D
 Acq: 20 Aug 2024 23:53

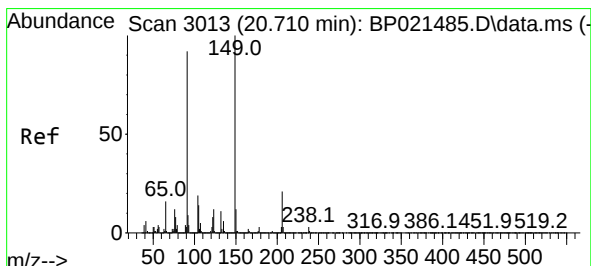
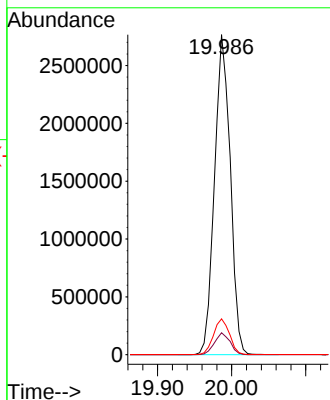
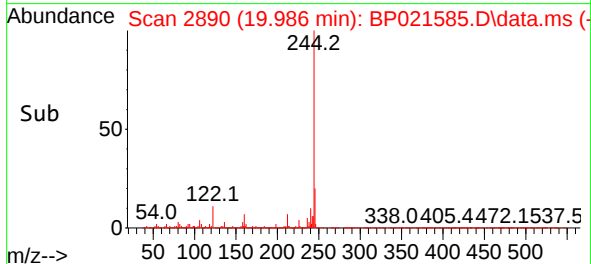
Instrument :
 BNA_P
 ClientSampleId :
 OU4-TS-08-080724MSD



Tgt Ion:244 Resp: 408382
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.6 8.4
 122 11.2 9.4 14.2

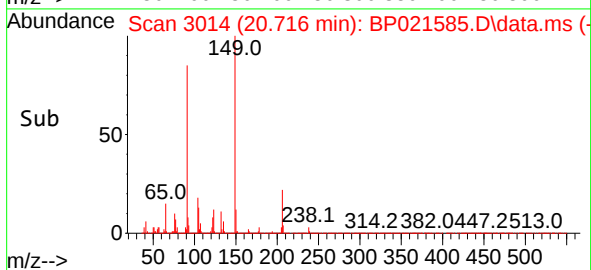
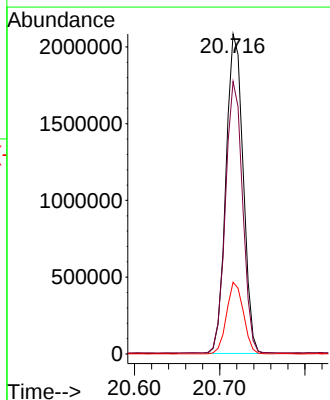
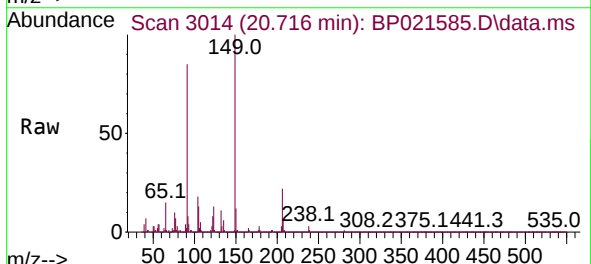
Manual Integrations
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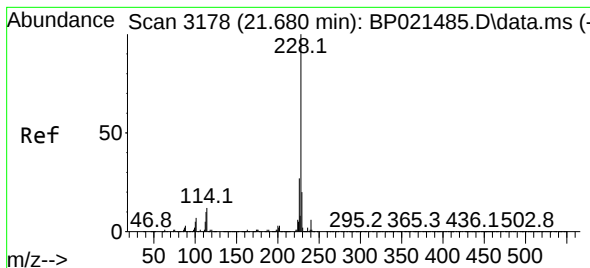
Reviewed By :Jagrut Upadhyay 08/21/2024
 Supervised By :mohammad ahmed 08/22/2024



#80
 Butylbenzylphthalate
 Concen: 63.899 ng
 RT: 20.716 min Scan# 3014
 Delta R.T. 0.006 min
 Lab File: BP021585.D
 Acq: 20 Aug 2024 23:53

Tgt Ion:149 Resp: 2913825
 Ion Ratio Lower Upper
 149 100
 91 85.2 73.3 109.9
 206 22.4 17.1 25.7





#81

Benzo(a)anthracene

Concen: 60.174 ng

RT: 21.710 min Scan# 3178

Delta R.T. 0.029 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

Tgt Ion:228 Resp: 680648

Ion Ratio Lower Upper

228 100

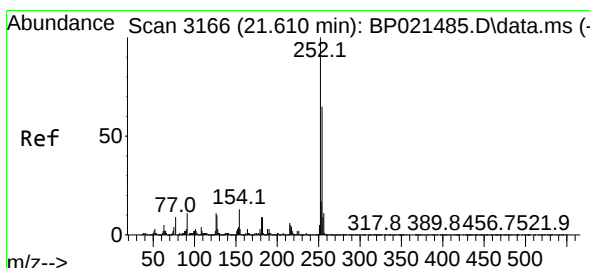
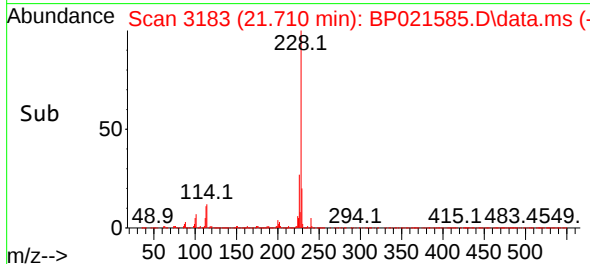
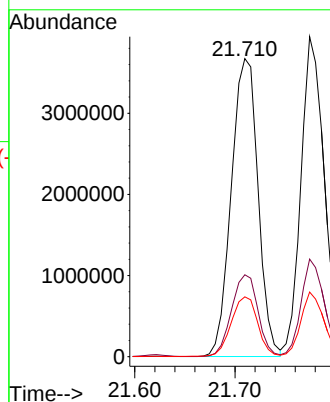
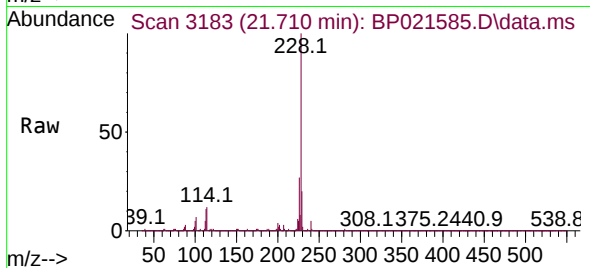
226 27.5 21.4 32.2

229 20.1 15.8 23.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#82

3,3'-Dichlorobenzidine

Concen: 55.138 ng

RT: 21.621 min Scan# 3168

Delta R.T. 0.012 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

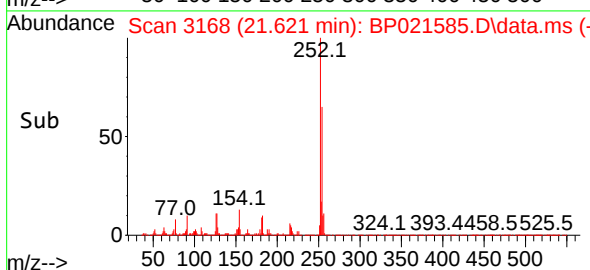
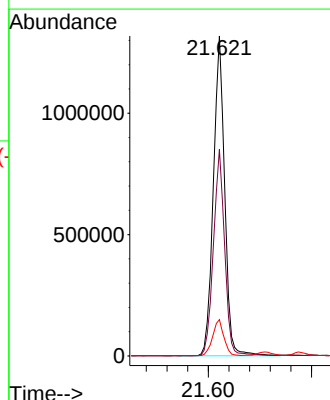
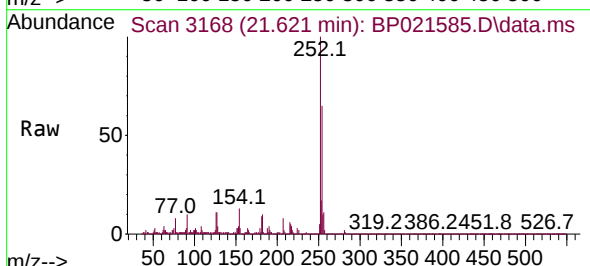
Tgt Ion:252 Resp: 1999695

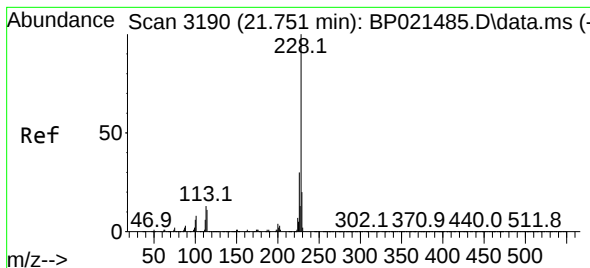
Ion Ratio Lower Upper

252 100

254 64.6 51.7 77.5

126 11.4 8.7 13.1





#83

Chrysene

Concen: 59.291 ng

RT: 21.774 min Scan# 3190

Delta R.T. 0.023 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

Tgt Ion:228 Resp: 633196

Ion Ratio Lower Upper

228 100

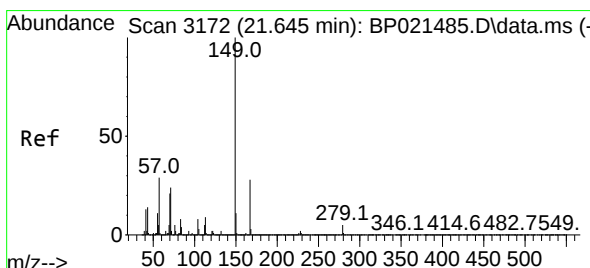
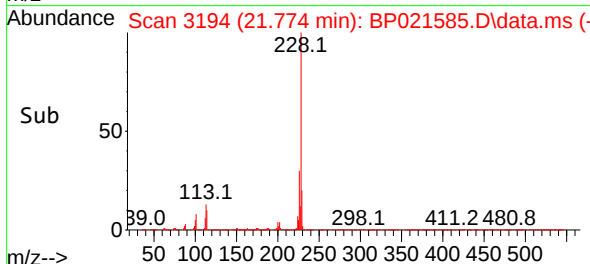
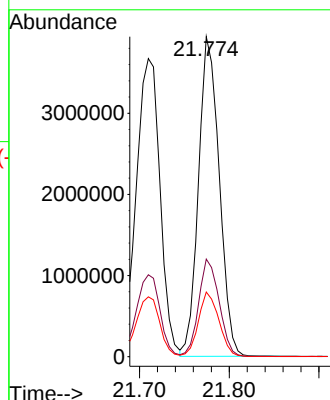
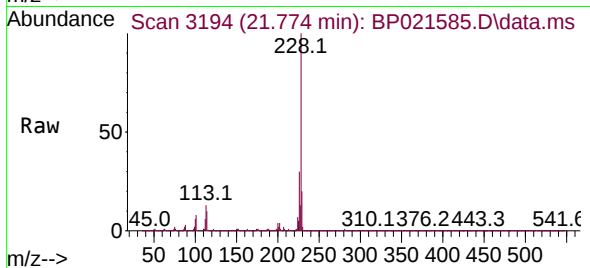
226 30.5 23.9 35.9

229 20.2 15.8 23.6

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#84

Bis(2-ethylhexyl)phthalate

Concen: 65.307 ng

RT: 21.657 min Scan# 3174

Delta R.T. 0.012 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

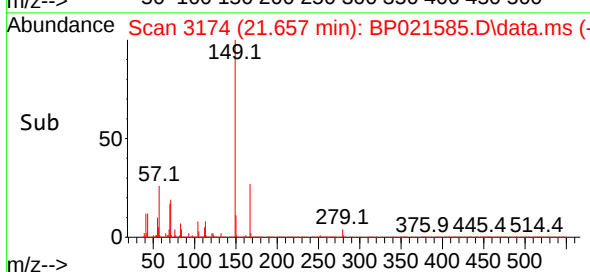
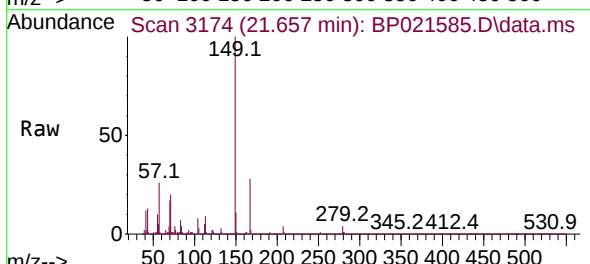
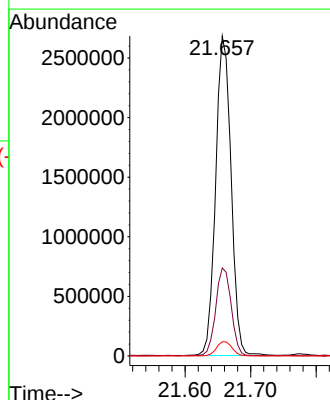
Tgt Ion:149 Resp: 436600

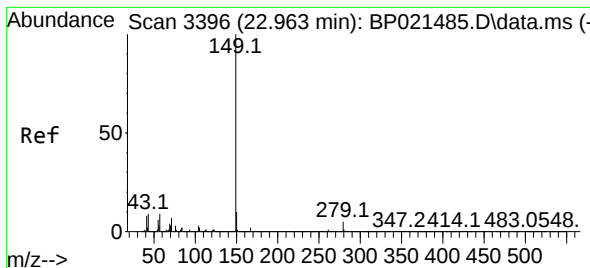
Ion Ratio Lower Upper

149 100

167 27.5 22.3 33.5

279 4.5 3.8 5.6





#85

Di-n-octyl phthalate

Concen: 63.470 ng

RT: 22.986 min Scan# 34

Delta R.T. 0.023 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

Tgt Ion:149 Resp: 765727

Ion Ratio Lower Upper

149 100

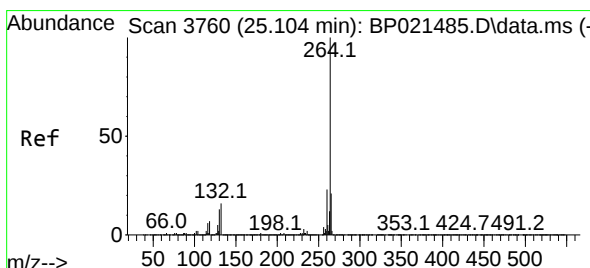
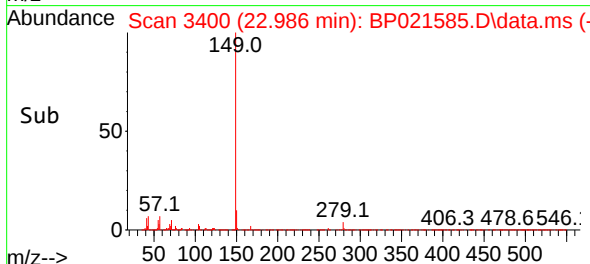
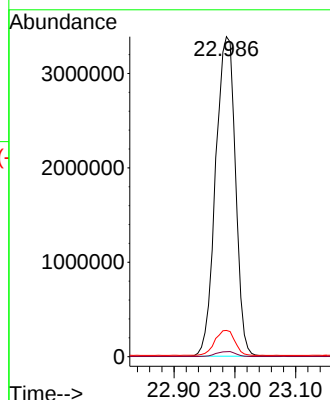
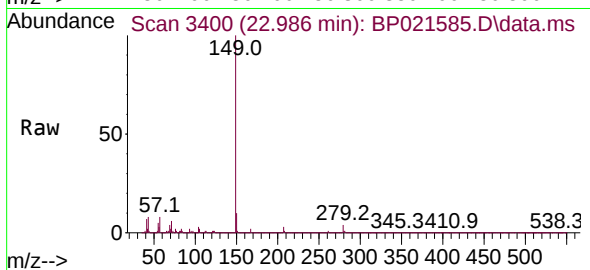
167 1.6 1.3 1.9

43 7.8 7.3 10.9

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#86

Perylene-d12

Concen: 20.000 ng

RT: 25.174 min Scan# 3772

Delta R.T. 0.070 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

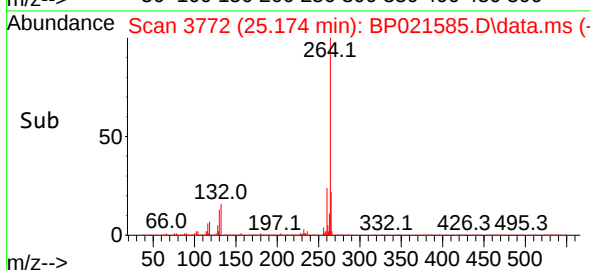
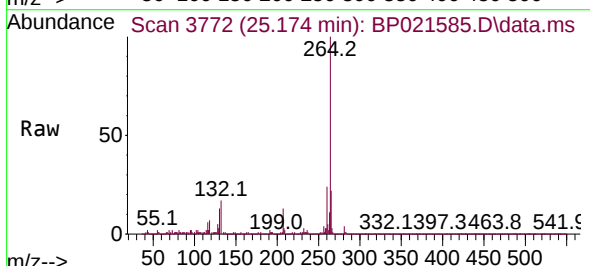
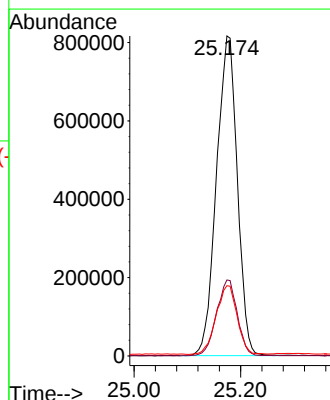
Tgt Ion:264 Resp: 2214533

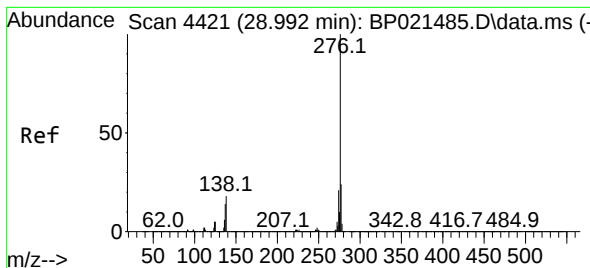
Ion Ratio Lower Upper

264 100

260 23.8 18.6 28.0

265 21.9 17.1 25.7





#87

Indeno(1,2,3-cd)pyrene

Concen: 61.262 ng m

RT: 29.103 min Scan# 4421

Delta R.T. 0.112 min

Lab File: BP021585.D

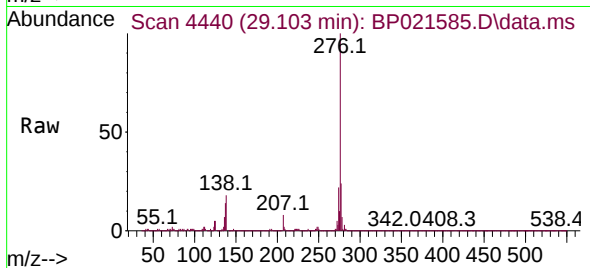
Acq: 20 Aug 2024 23:53

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD



Tgt Ion: 276 Resp: 879413

Ion Ratio Lower Upper

276 100

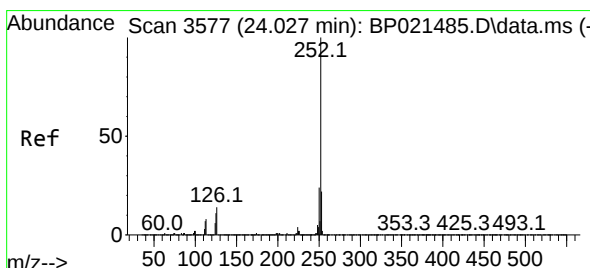
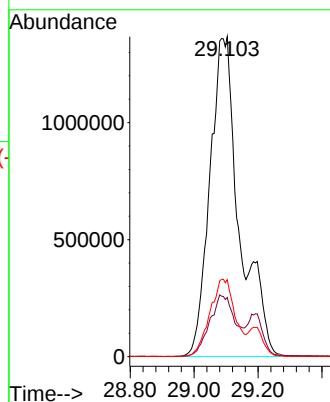
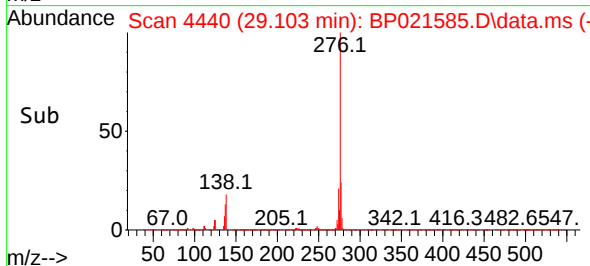
138 0.0 12.8 19.2

277 20.7 16.5 24.7

Manual Integrations

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Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#88

Benzo(b)fluoranthene

Concen: 56.347 ng

RT: 24.080 min Scan# 3586

Delta R.T. 0.053 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

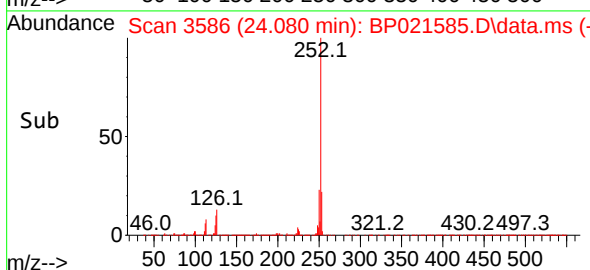
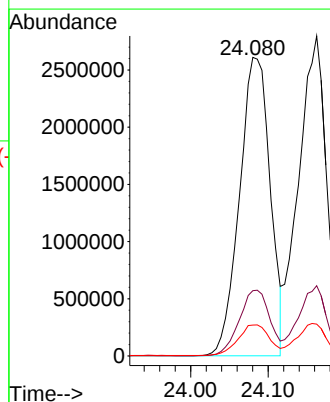
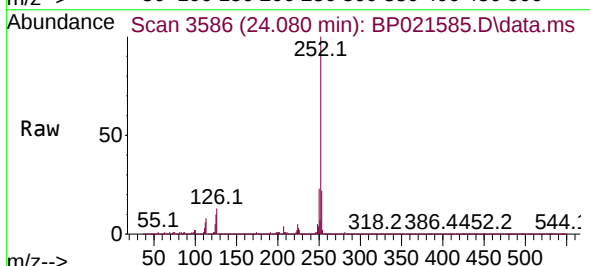
Tgt Ion: 252 Resp: 7166501

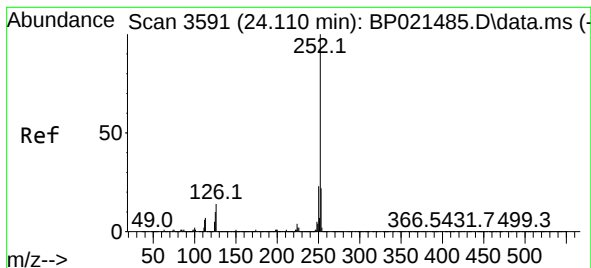
Ion Ratio Lower Upper

252 100

253 21.9 17.6 26.4

125 10.3 8.6 13.0





#89

Benzo(k)fluoranthene

Concen: 57.382 ng m

RT: 24.163 min Scan# 30

Delta R.T. 0.053 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

Tgt Ion:252 Resp: 711938

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

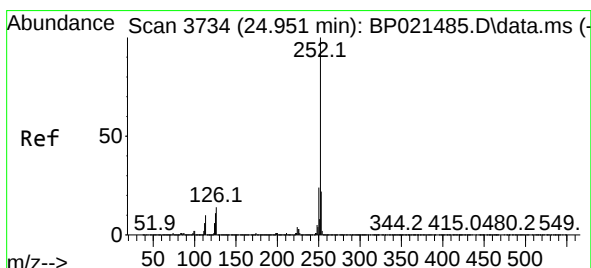
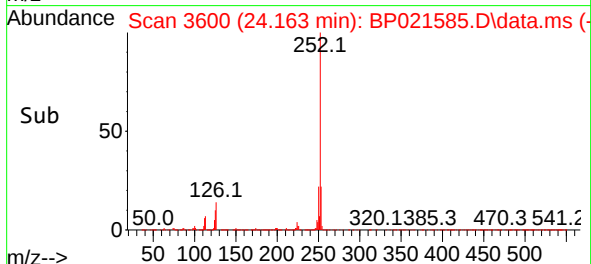
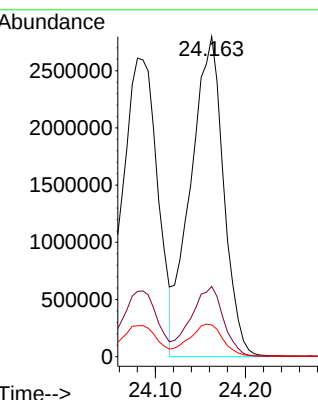
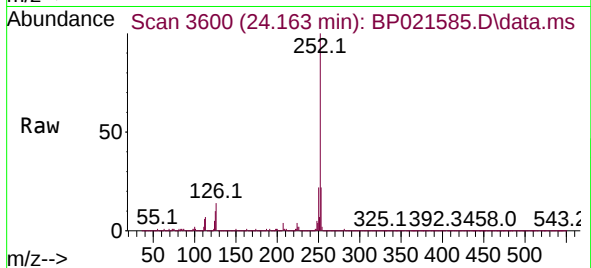
125 9.9 7.8 11.8

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024

Supervised By :mohammad ahmed 08/22/2024



#90

Benzo(a)pyrene

Concen: 60.968 ng

RT: 25.010 min Scan# 3744

Delta R.T. 0.059 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

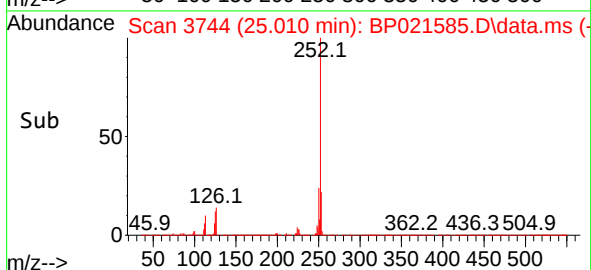
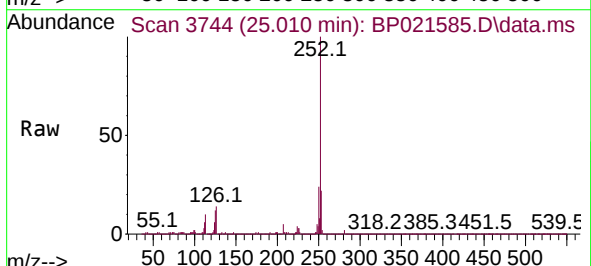
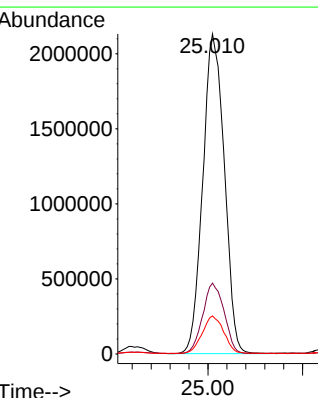
Tgt Ion:252 Resp: 6729214

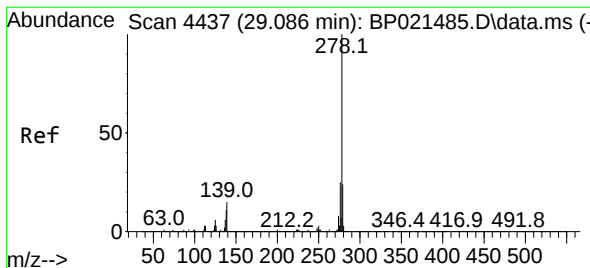
Ion Ratio Lower Upper

252 100

253 22.1 17.7 26.5

125 11.9 8.7 13.1





#91

Dibenzo(a,h)anthracene

Concen: 58.966 ng

RT: 29.198 min Scan# 4437

Delta R.T. 0.112 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

Instrument :

BNA_P

ClientSampleId :

OU4-TS-08-080724MSD

Tgt Ion:278 Resp: 7033040

Ion Ratio Lower Upper

278 100

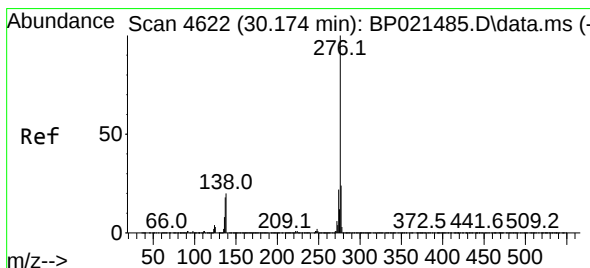
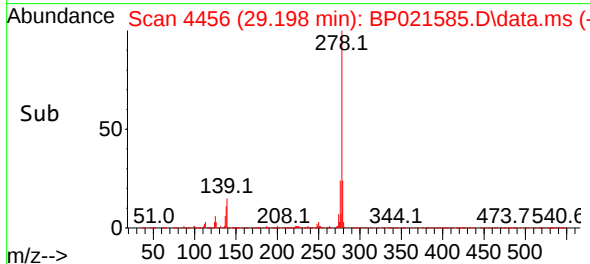
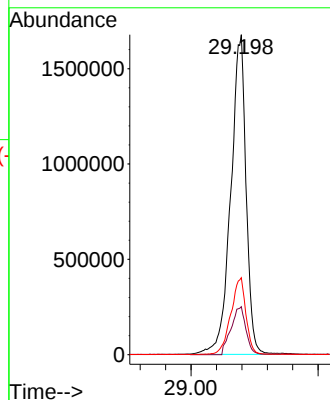
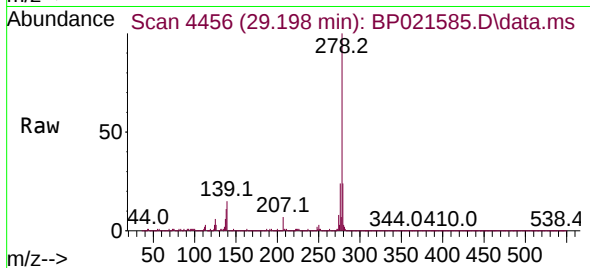
139 15.0 12.2 18.4

279 24.0 19.1 28.7

Manual Integrations

APPROVED

Reviewed By :Jagrut Upadhyay 08/21/2024
Supervised By :mohammad ahmed 08/22/2024



#92

Benzo(g,h,i)perylene

Concen: 56.991 ng

RT: 30.309 min Scan# 4645

Delta R.T. 0.135 min

Lab File: BP021585.D

Acq: 20 Aug 2024 23:53

Tgt Ion:276 Resp: 6813079

Ion Ratio Lower Upper

276 100

277 24.0 19.0 28.6

138 20.7 16.0 24.0

