

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP031422\
 Data File : BP009385.D
 Acq On : 14 Mar 2022 16:52
 Operator : CG/JU
 Sample : N1888-02MSD
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SS-2(PILE-2)MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 03/15/2022
 Supervised By : mohammad ahmed 03/16/2022

Quant Time: Mar 15 01:00:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP030522.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 01:55:59 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.816	152	360982	20.000	ng	0.00
21) Naphthalene-d8	10.610	136	1305578	20.000	ng	0.00
39) Acenaphthene-d10	14.457	164	724675	20.000	ng	0.00
64) Phenanthrene-d10	17.216	188	1371178	20.000	ng	0.00
76) Chrysene-d12	21.321	240	1221213	20.000	ng	0.00
86) Perylene-d12	23.733	264	1446689	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	2073202	83.833	ng	0.01
7) Phenol-d6	7.016	99	2524276	80.322	ng	0.03
23) Nitrobenzene-d5	8.969	82	1590279	67.089	ng	0.00
42) 2,4,6-Tribromophenol	15.951	330	962052	109.943	ng	0.00
45) 2-Fluorobiphenyl	13.075	172	2940139	55.795	ng	-0.01
79) Terphenyl-d14	19.792	244	3277531	50.647	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	367203	34.883	ng	98
3) Pyridine	3.740	79	980662	43.709	ng	98
4) n-Nitrosodimethylamine	3.652	42	391517	41.842	ng	97
6) Aniline	7.146	93	878706	22.074	ng	97
8) 2-Chlorophenol	7.387	128	1052942	41.566	ng	97
9) Benzaldehyde	6.957	77	606796m	30.304	ng	
10) Phenol	7.040	94	1327758	40.800	ng	98
11) bis(2-Chloroethyl)ether	7.240	93	985393	39.126	ng	96
12) 1,3-Dichlorobenzene	7.705	146	1197439	40.122	ng	99
13) 1,4-Dichlorobenzene	7.852	146	1215889	40.153	ng	99
14) 1,2-Dichlorobenzene	8.163	146	1152773	39.832	ng	99
15) Benzyl Alcohol	8.063	79	894369	40.354	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.352	45	1034900	31.657	ng	95
17) 2-Methylphenol	8.281	107	828625	39.335	ng	99
18) Hexachloroethane	8.893	117	419906	39.843	ng	94
19) n-Nitroso-di-n-propyla...	8.628	70	700914	36.980	ng	97
20) 3+4-Methylphenols	8.604	107	1095073	38.789	ng	98
22) Acetophenone	8.634	105	1433966	41.088	ng	98
24) Nitrobenzene	9.010	77	1070897	42.629	ng	97
25) Isophorone	9.540	82	1911966	43.122	ng	98
26) 2-Nitrophenol	9.722	139	546284	56.135	ng	95
27) 2,4-Dimethylphenol	9.804	122	883543	41.279	ng	99
28) bis(2-Chloroethoxy)met...	10.022	93	1171131	40.362	ng	99
29) 2,4-Dichlorophenol	10.269	162	911128	44.135	ng	99
30) 1,2,4-Trichlorobenzene	10.475	180	1057775	43.778	ng	98
31) Naphthalene	10.657	128	2971353	41.097	ng	100
32) Benzoic acid	9.981	122	611898	56.288	ng	97
33) 4-Chloroaniline	10.775	127	261072	8.831	ng	99
34) Hexachlorobutadiene	10.951	225	697769	47.422	ng	99
35) Caprolactam	11.563	113	265734	43.732	ng	92
36) 4-Chloro-3-methylphenol	11.922	107	901912	41.853	ng	99
37) 2-Methylnaphthalene	12.275	142	1988348	38.707	ng	99
38) 1-Methylnaphthalene	12.493	142	1891891	39.989	ng	100
40) 1,2,4,5-Tetrachloroben...	12.645	216	1139238	46.650	ng	99
41) Hexachlorocyclopentadiene	12.628	237	1232148	79.661	ng	100
43) 2,4,6-Trichlorophenol	12.892	196	721315	49.192	ng	99

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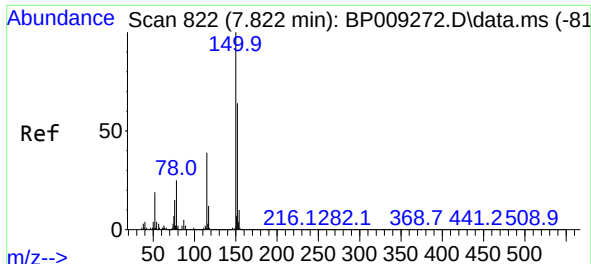
Manual Integrations
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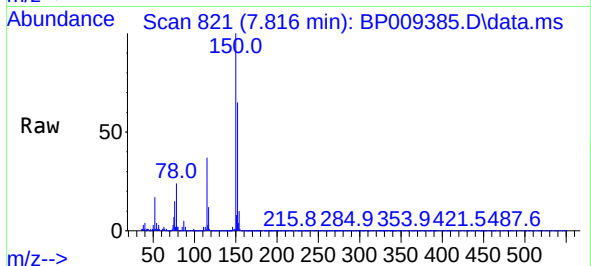
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.975	196	763325	47.459	ng	97
46) 1,1'-Biphenyl	13.287	154	2504949	42.338	ng	99
47) 2-Chloronaphthalene	13.328	162	1959858	43.732	ng	100
48) 2-Nitroaniline	13.534	65	518851	50.353	ng	95
49) Acenaphthylene	14.175	152	3131475	45.224	ng	99
50) Dimethylphthalate	13.916	163	2283228	42.718	ng	99
51) 2,6-Dinitrotoluene	14.034	165	511107	48.423	ng	94
52) Acenaphthene	14.522	154	2084115m	46.962	ng	
53) 3-Nitroaniline	14.363	138	326883	29.155	ng	96
54) 2,4-Dinitrophenol	14.569	184	559427	123.779	ng	97
55) Dibenzofuran	14.857	168	2798219	41.624	ng	99
56) 4-Nitrophenol	14.704	139	837211	89.789	ng	97
57) 2,4-Dinitrotoluene	14.822	165	672622	49.769	ng	94
58) Fluorene	15.510	166	2191929	41.636	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.092	232	637785	47.095	ng	93
60) Diethylphthalate	15.286	149	2218748	42.636	ng	100
61) 4-Chlorophenyl-phenyle...	15.504	204	1161976	43.333	ng	98
62) 4-Nitroaniline	15.534	138	465577	42.822	ng	98
63) Azobenzene	15.798	77	1995910	39.040	ng	97
65) 4,6-Dinitro-2-methylph...	15.592	198	362694	60.136	ng	92
66) n-Nitrosodiphenylamine	15.722	169	1899532	44.132	ng	98
67) 4-Bromophenyl-phenylether	16.404	248	742023	50.159	ng	94
68) Hexachlorobenzene	16.522	284	853441	49.186	ng	96
69) Atrazine	16.686	200	672299	44.372	ng	99
70) Pentachlorophenol	16.875	266	989817	94.778	ng	98
71) Phenanthrene	17.257	178	3364116	42.691	ng	99
72) Anthracene	17.351	178	3271908	41.714	ng	99
73) Carbazole	17.622	167	2929867	40.994	ng	99
74) Di-n-butylphthalate	18.186	149	3585167	45.322	ng	99
75) Fluoranthene	19.233	202	3832261	42.133	ng	98
77) Benzidine	19.422	184	927831	21.767	ng	100
78) Pyrene	19.592	202	3829698	46.447	ng	99
80) Butylbenzylphthalate	20.474	149	1484210	49.871	ng	96
81) Benzo(a)anthracene	21.310	228	3639922	43.975	ng	100
82) 3,3'-Dichlorobenzidine	21.245	252	1075893	35.409	ng	97
83) Chrysene	21.363	228	3382022	42.083	ng	100
84) Bis(2-ethylhexyl)phtha...	21.245	149	2082775	43.757	ng	99
85) Di-n-octyl phthalate	22.174	149	3559186	45.672	ng	97
87) Indeno(1,2,3-cd)pyrene	26.245	276	5349637	47.594	ng	95
88) Benzo(b)fluoranthene	23.004	252	4190432	42.900	ng	98
89) Benzo(k)fluoranthene	23.051	252	3722577	39.892	ng	# 98
90) Benzo(a)pyrene	23.627	252	4031267	43.514	ng	# 97
91) Dibenzo(a,h)anthracene	26.262	278	4613508	48.406	ng	97
92) Benzo(g,h,i)perylene	27.015	276	4764938	50.607	ng	# 95

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



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.816 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

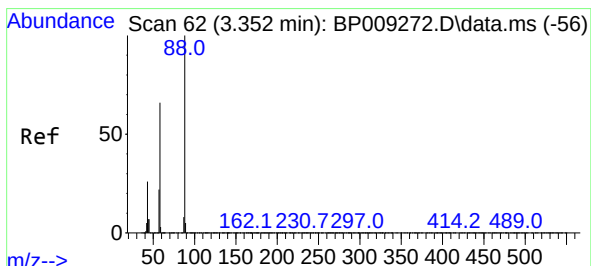
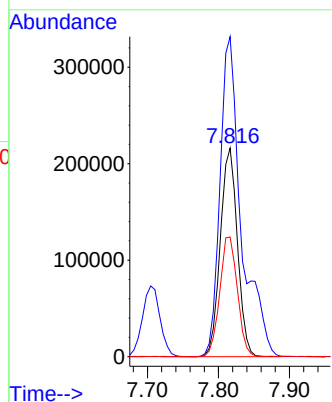
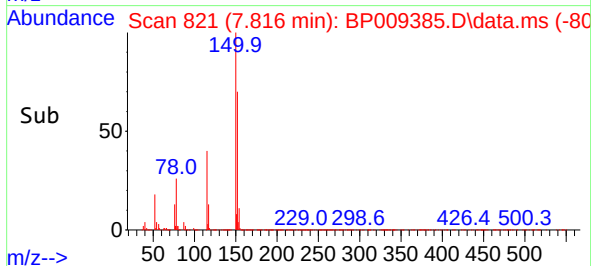
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



Tgt Ion:152 Resp: 36098
Ion Ratio Lower Upper
152 100
150 153.3 124.5 186.7
115 57.4 48.2 72.4

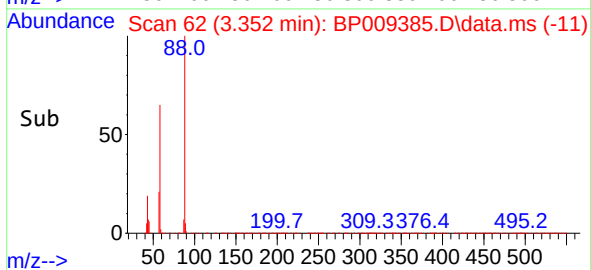
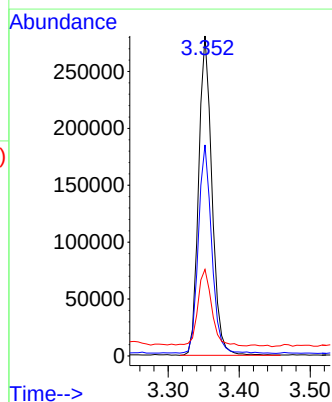
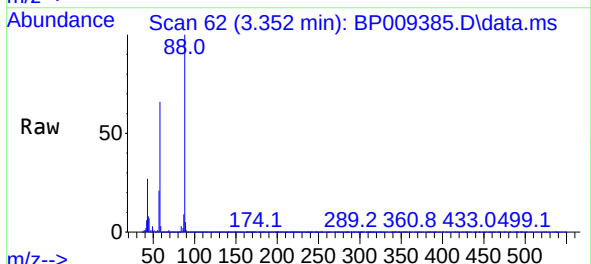
Manual Integrations
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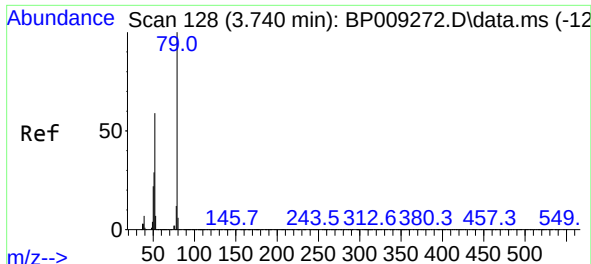
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#2
1,4-Dioxane
Concen: 34.883 ng
RT: 3.352 min Scan# 62
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

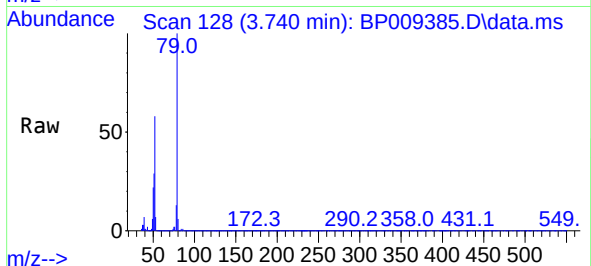
Tgt Ion: 88 Resp: 367203
Ion Ratio Lower Upper
88 100
58 65.5 54.2 81.2
43 25.0 20.4 30.6





#3
Pyridine
Concen: 43.709 ng
RT: 3.740 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

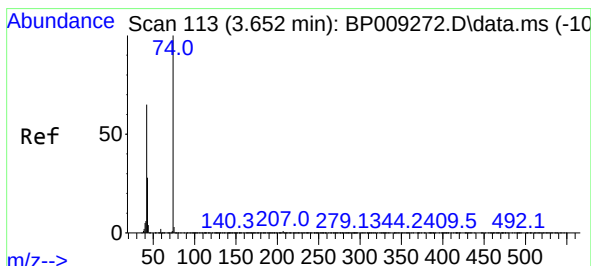
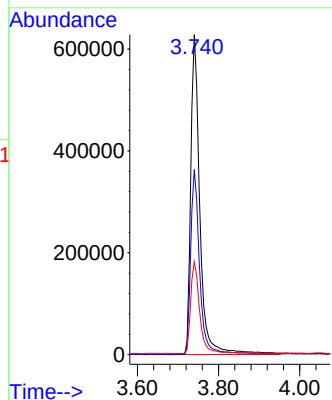
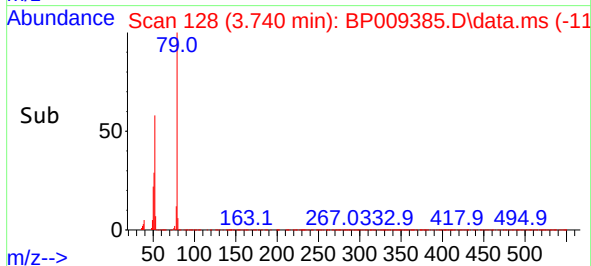
Instrument :
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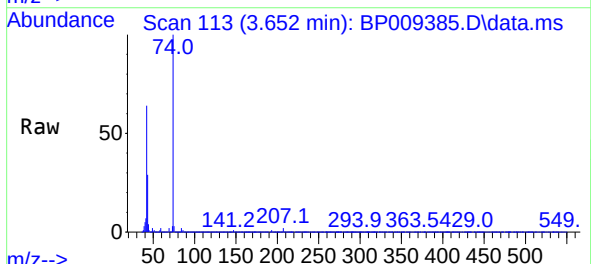
Tgt Ion: 79 Resp: 980662
Ion Ratio Lower Upper
79 100
52 57.9 47.5 71.3
51 29.0 24.1 36.1

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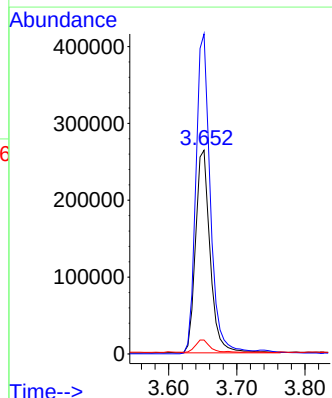
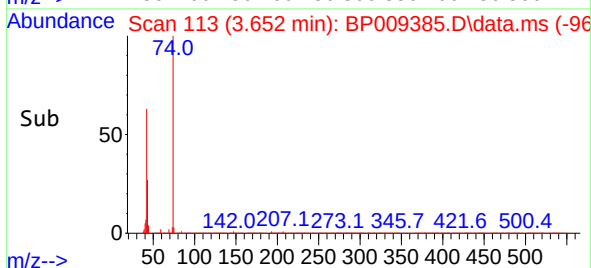
Reviewed By :Christian Giraldo 03/15/2022
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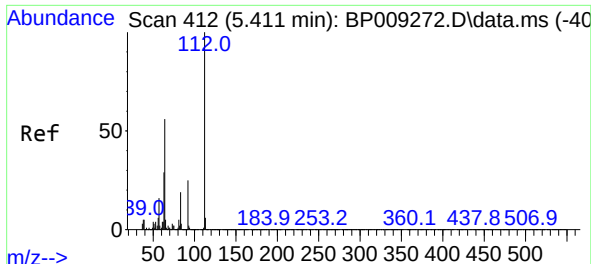


#4
n-Nitrosodimethylamine
Concen: 41.842 ng
RT: 3.652 min Scan# 113
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



Tgt Ion: 42 Resp: 391517
Ion Ratio Lower Upper
42 100
74 157.1 122.1 183.1
44 6.9 5.8 8.8





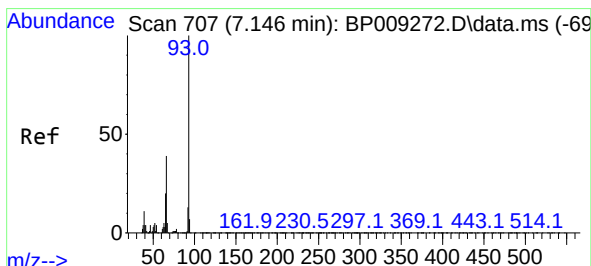
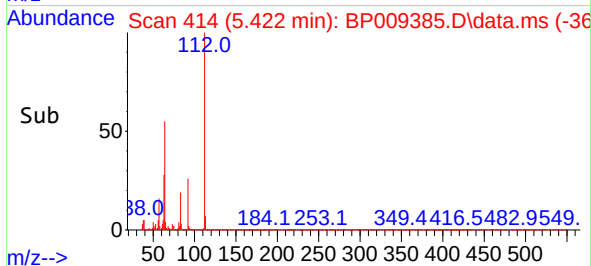
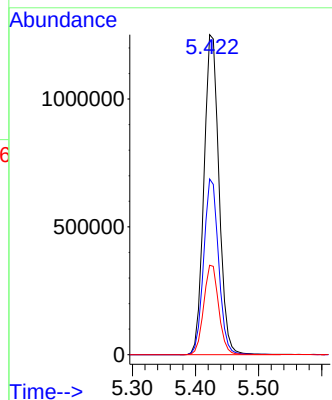
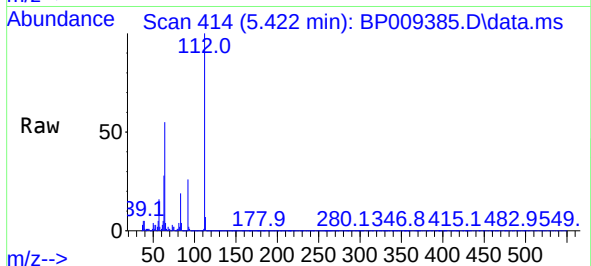
#5
2-Fluorophenol
Concen: 83.833 ng
RT: 5.422 min Scan# 412
Delta R.T. 0.011 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD

Tgt Ion:112 Resp: 207320
Ion Ratio Lower Upper
112 100
64 54.9 45.0 67.4
63 27.9 23.0 34.6

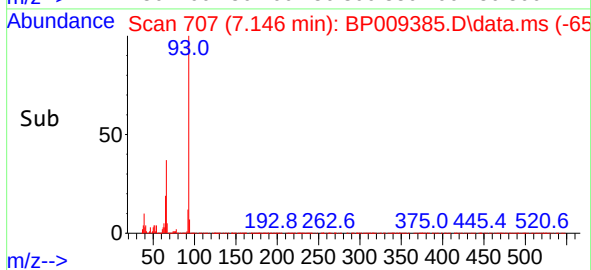
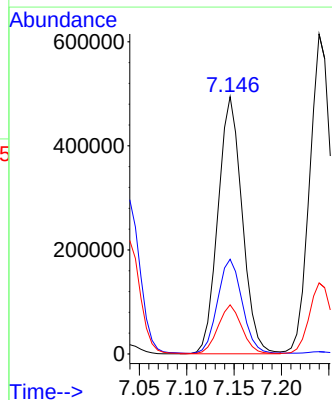
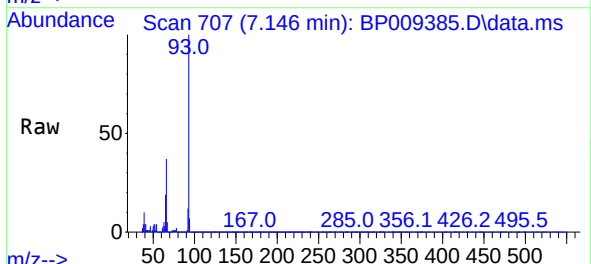
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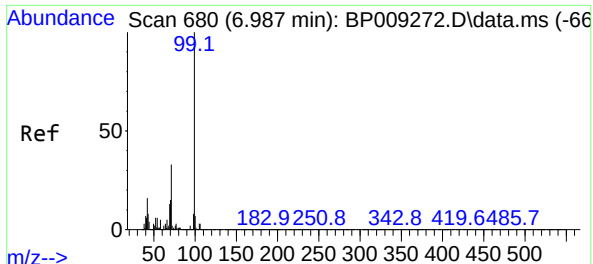
Reviewed By :Christian Giraldo 03/15/2022
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#6
Aniline
Concen: 22.074 ng
RT: 7.146 min Scan# 707
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

Tgt Ion: 93 Resp: 878706
Ion Ratio Lower Upper
93 100
66 36.8 30.9 46.3
65 19.1 15.8 23.8





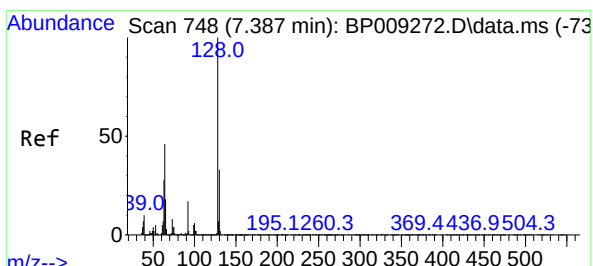
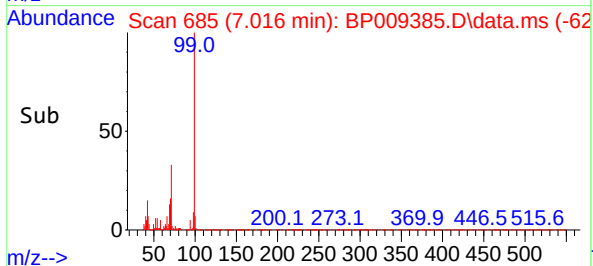
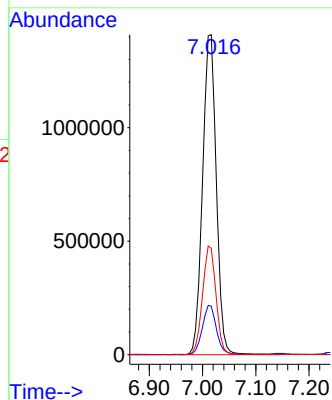
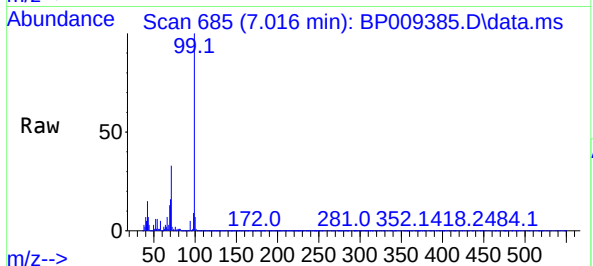
#7
Phenol-d6
Concen: 80.322 ng
RT: 7.016 min Scan# 680
Delta R.T. 0.029 min
Lab File: BP009385.D
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Tgt Ion: 99 Resp: 2524270
Ion Ratio Lower Upper
99 100
42 15.2 12.8 19.2
71 33.2 26.3 39.5

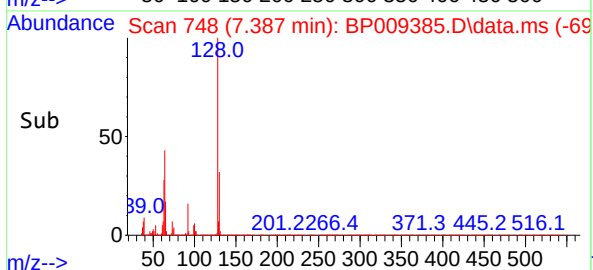
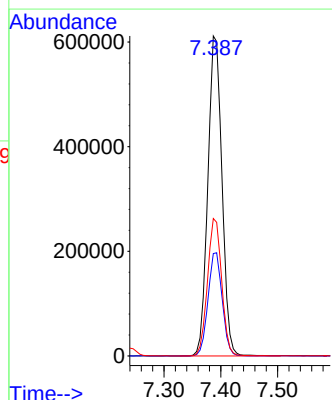
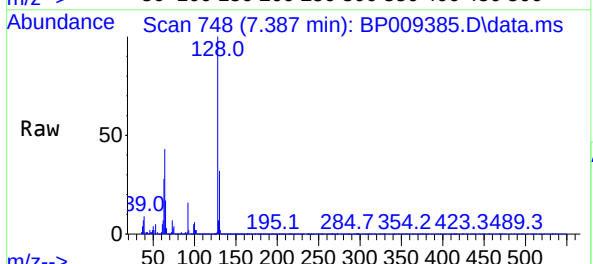
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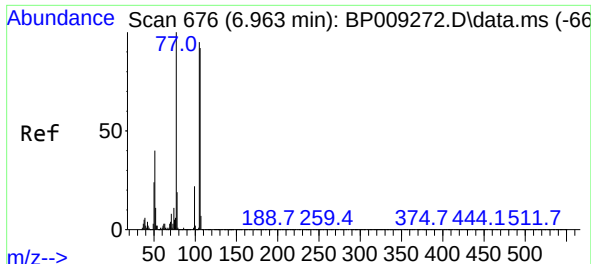
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#8
2-Chlorophenol
Concen: 41.566 ng
RT: 7.387 min Scan# 748
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

Tgt Ion:128 Resp: 1052942
Ion Ratio Lower Upper
128 100
130 32.0 12.5 52.5
64 42.9 26.2 66.2





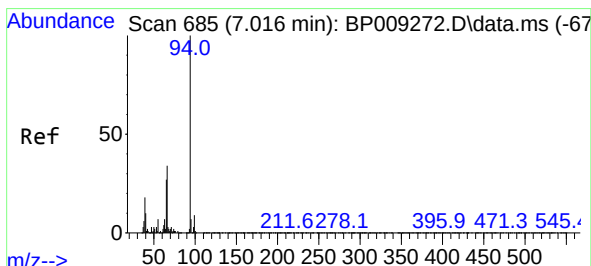
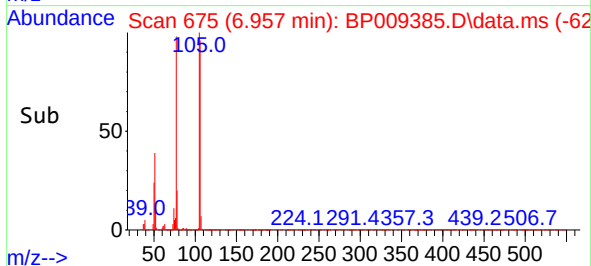
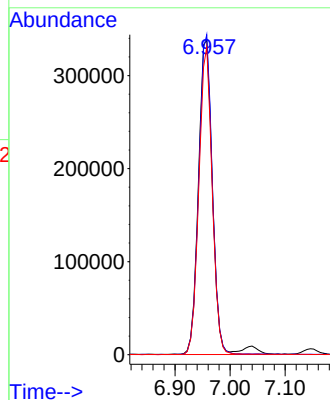
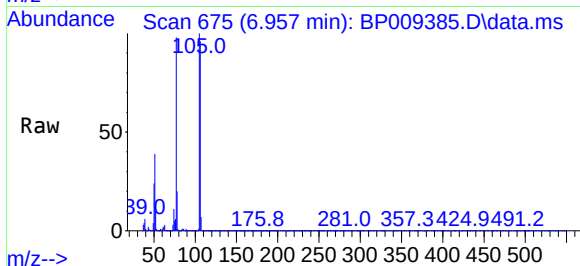
#9
Benzaldehyde
Concen: 30.304 ng m
RT: 6.957 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

Instrument :
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ClientSampleId :
SS-2(PILE-2)MSD

Tgt Ion: 77 Resp: 606790
Ion Ratio Lower Upper
77 100
105 101.7 75.2 115.2
106 97.8 72.3 112.3

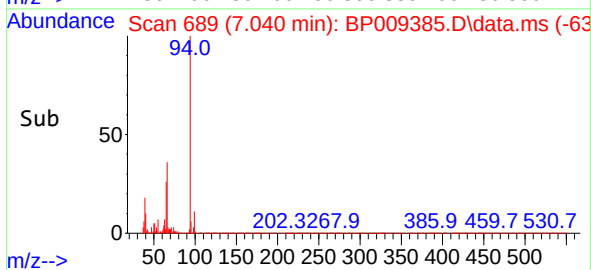
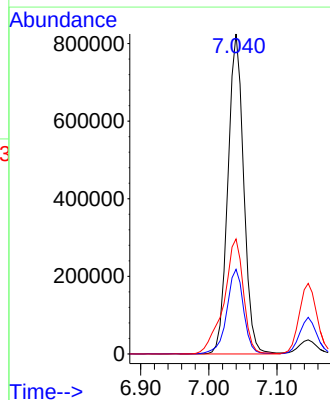
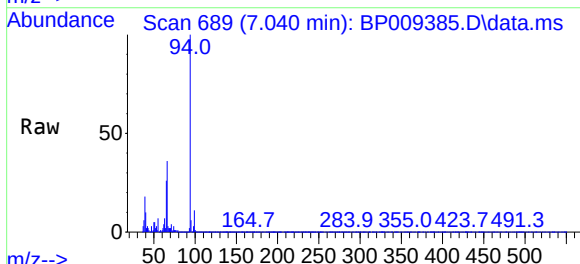
Manual Integrations
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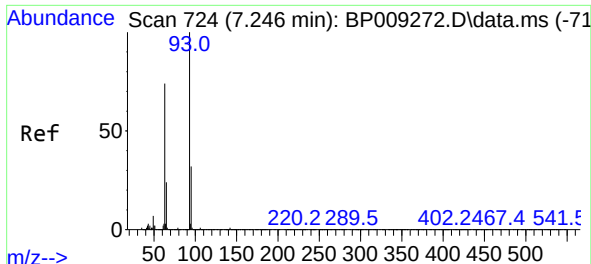
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#10
Phenol
Concen: 40.800 ng
RT: 7.040 min Scan# 689
Delta R.T. 0.023 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

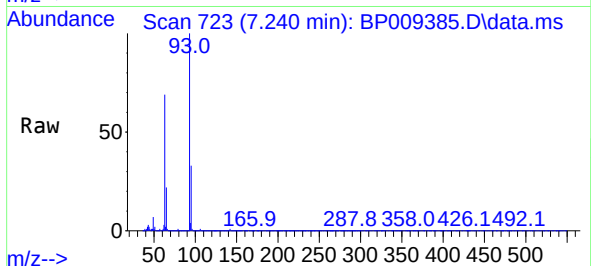
Tgt Ion: 94 Resp: 1327758
Ion Ratio Lower Upper
94 100
65 26.5 7.2 47.2
66 36.0 14.3 54.3





#11
bis(2-Chloroethyl)ether
Concen: 39.126 ng
RT: 7.240 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

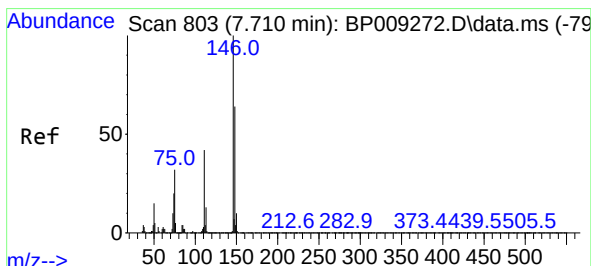
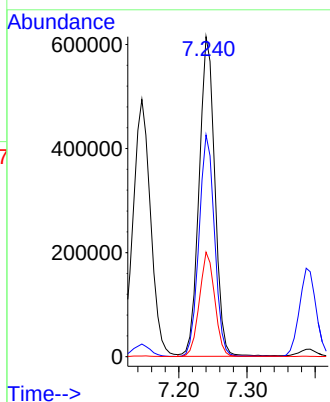
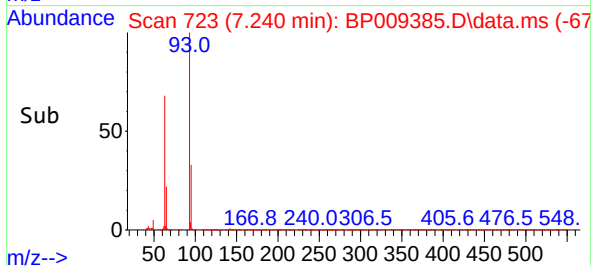
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



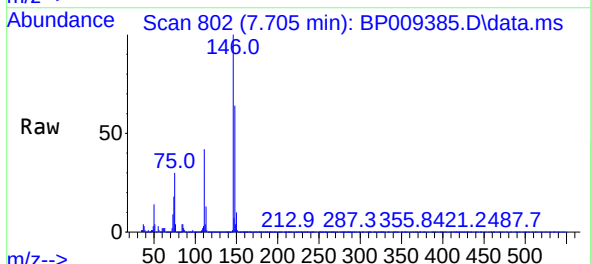
Tgt Ion: 93 Resp: 98539
Ion Ratio Lower Upper
93 100
63 69.3 53.5 93.5
95 32.7 12.0 52.0

Manual Integrations
APPROVED

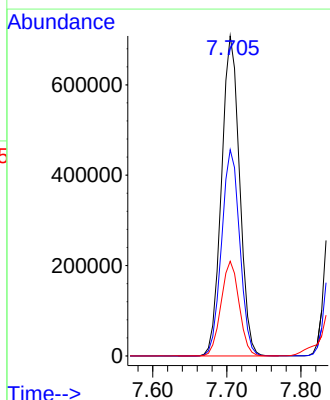
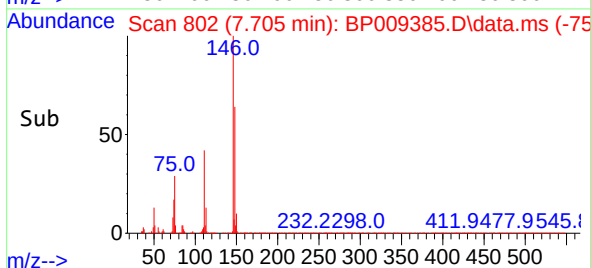
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

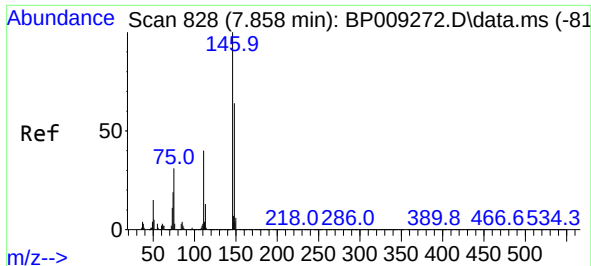


#12
1,3-Dichlorobenzene
Concen: 40.122 ng
RT: 7.705 min Scan# 802
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



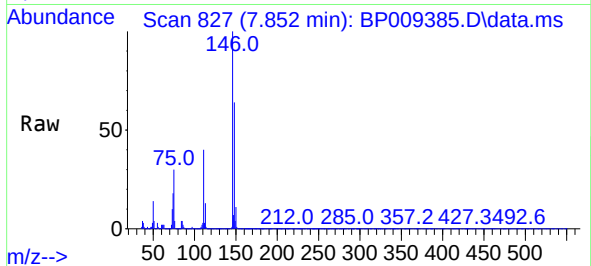
Tgt Ion:146 Resp: 1197439
Ion Ratio Lower Upper
146 100
148 64.5 51.4 77.0
75 29.6 25.3 37.9





#13
1,4-Dichlorobenzene
Concen: 40.153 ng
RT: 7.852 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

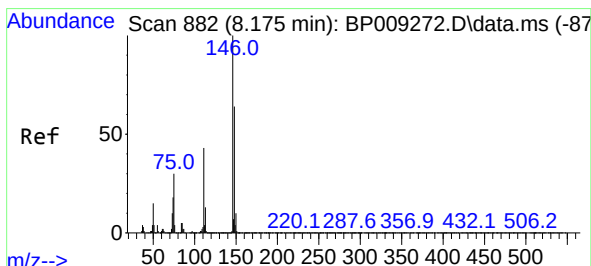
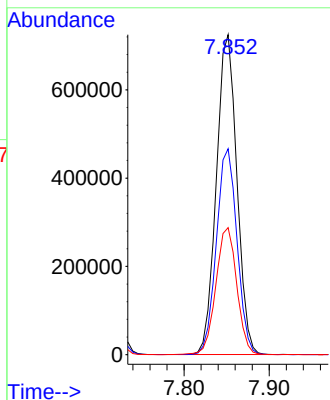
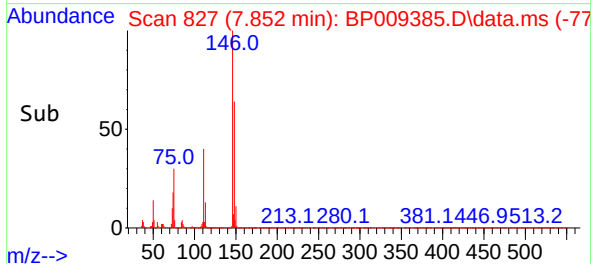
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



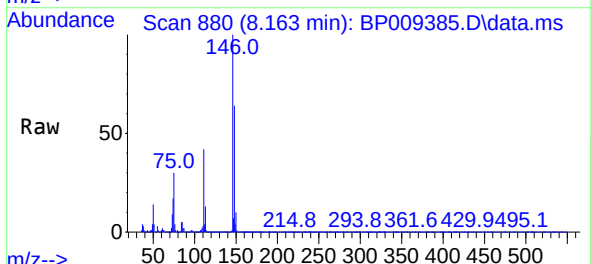
Tgt Ion:146 Resp: 1215889
Ion Ratio Lower Upper
146 100
148 64.3 51.1 76.7
111 39.7 32.1 48.1

Manual Integrations
APPROVED

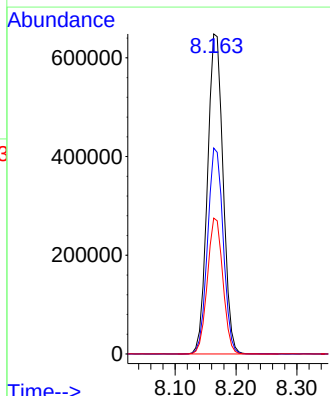
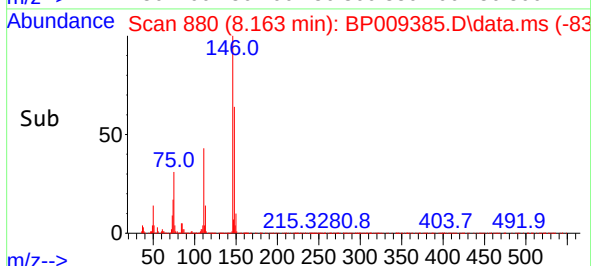
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

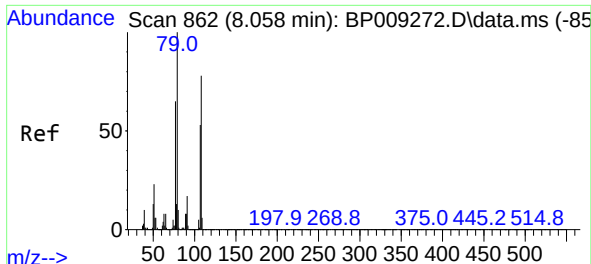


#14
1,2-Dichlorobenzene
Concen: 39.832 ng
RT: 8.163 min Scan# 880
Delta R.T. -0.012 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



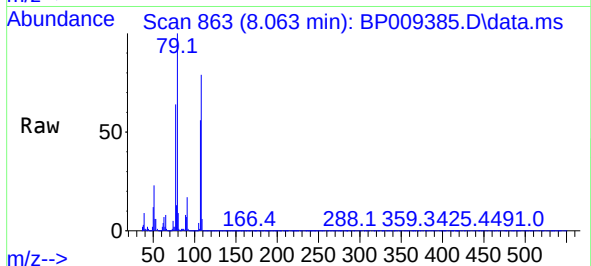
Tgt Ion:146 Resp: 1152773
Ion Ratio Lower Upper
146 100
148 64.4 50.9 76.3
111 42.5 34.1 51.1





#15
Benzyl Alcohol
Concen: 40.354 ng
RT: 8.063 min Scan# 80
Delta R.T. 0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

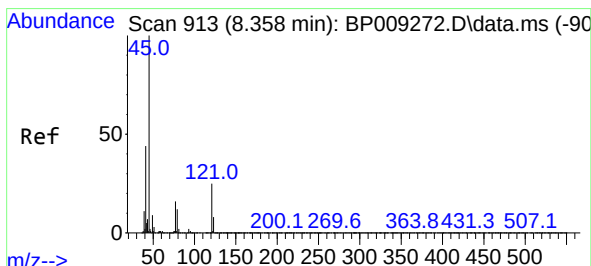
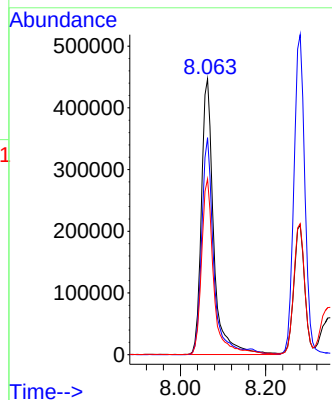
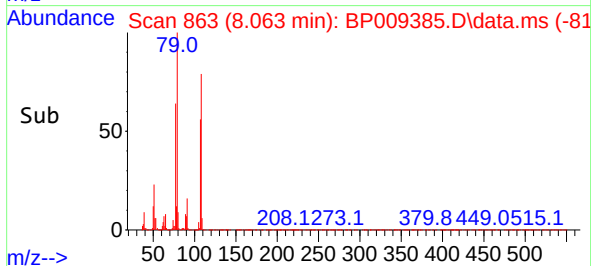
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



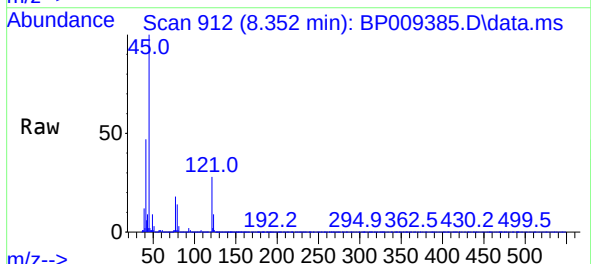
Tgt Ion: 79 Resp: 894369
Ion Ratio Lower Upper
79 100
108 78.7 62.5 93.7
77 63.7 51.7 77.5

Manual Integrations
APPROVED

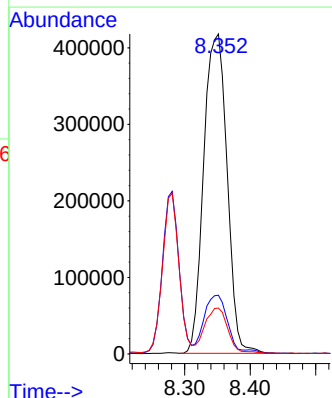
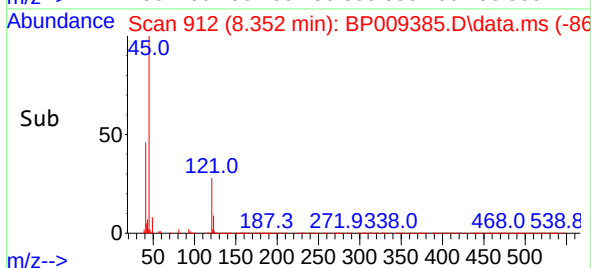
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

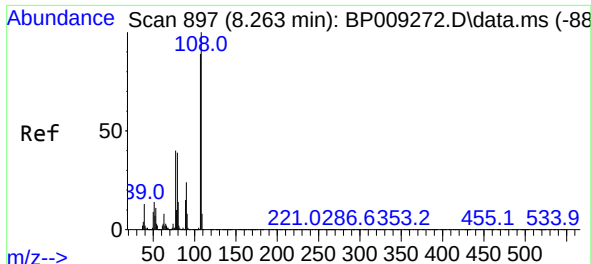


#16
2,2'-oxybis(1-Chloropropane)
Concen: 31.657 ng
RT: 8.352 min Scan# 912
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



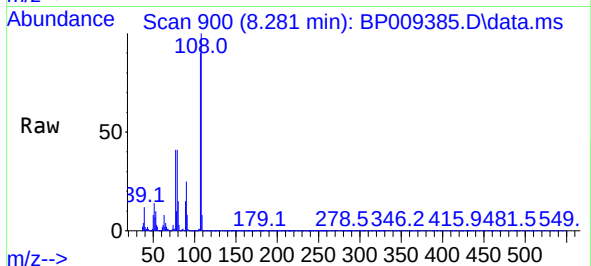
Tgt Ion: 45 Resp: 1034900
Ion Ratio Lower Upper
45 100
77 18.3 0.0 36.5
79 14.3 0.0 32.4





#17
2-Methylphenol
Concen: 39.335 ng
RT: 8.281 min Scan# 90
Delta R.T. 0.018 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

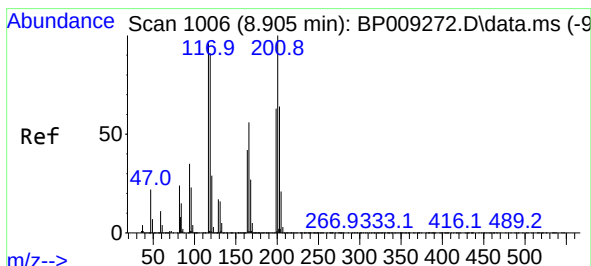
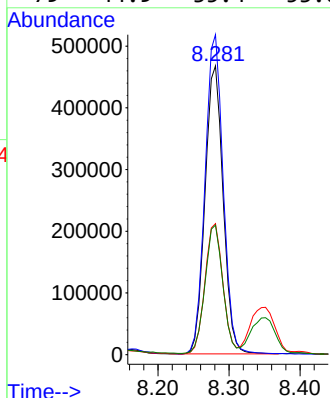
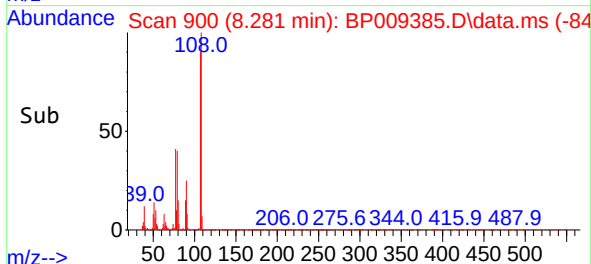
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



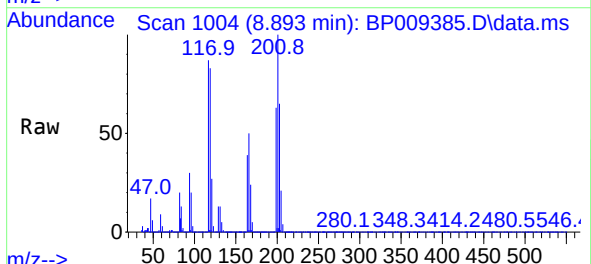
Tgt Ion:107 Resp: 82862
Ion Ratio Lower Upper
107 100
108 110.8 90.2 135.2
77 45.4 36.3 54.5
79 44.9 35.4 53.0

Manual Integrations
APPROVED

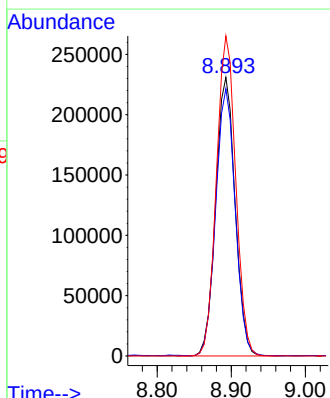
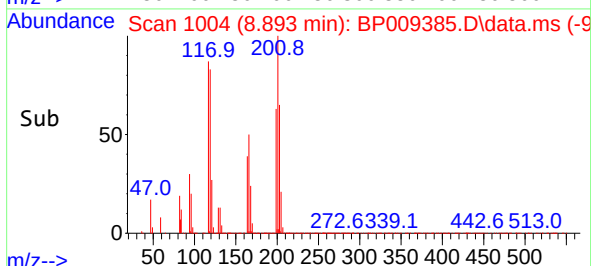
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

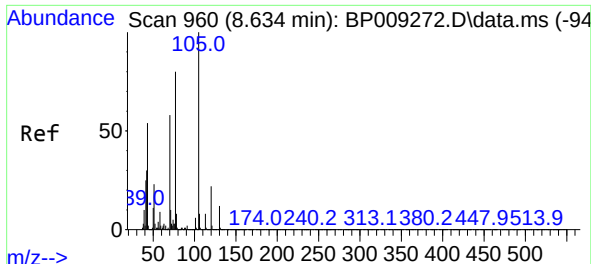


#18
Hexachloroethane
Concen: 39.843 ng
RT: 8.893 min Scan# 1004
Delta R.T. -0.012 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



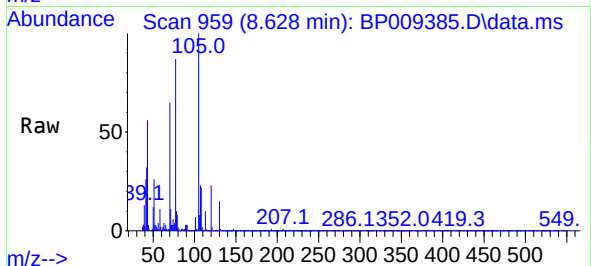
Tgt Ion:117 Resp: 419906
Ion Ratio Lower Upper
117 100
119 95.9 76.4 114.6
201 114.9 83.4 125.2





#19
n-Nitroso-di-n-propylamine
Concen: 36.980 ng
RT: 8.628 min Scan# 914
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

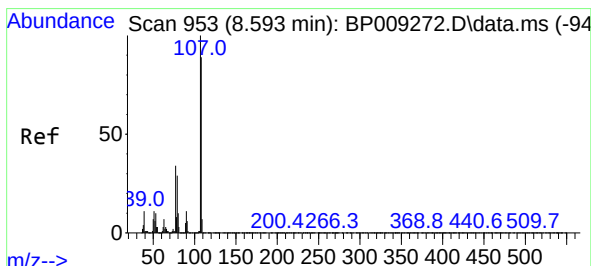
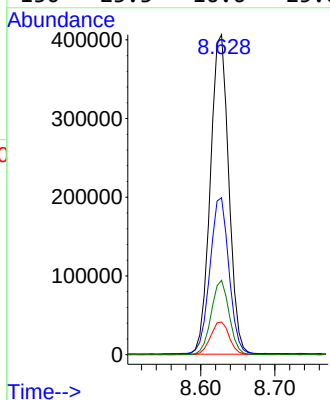
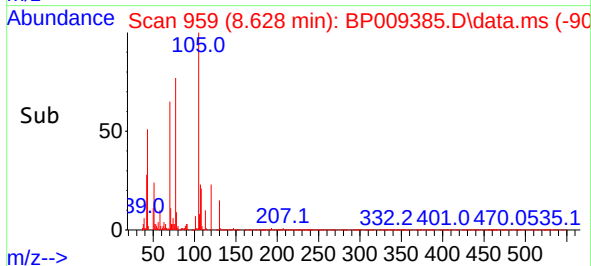
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



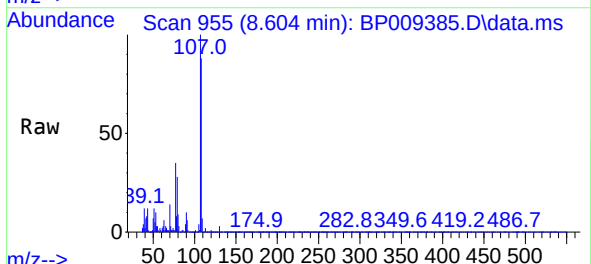
Tgt Ion: 70 Resp: 700914
Ion Ratio Lower Upper
70 100
42 49.1 41.0 61.4
101 10.2 7.9 11.9
130 23.3 16.6 25.0

Manual Integrations
APPROVED

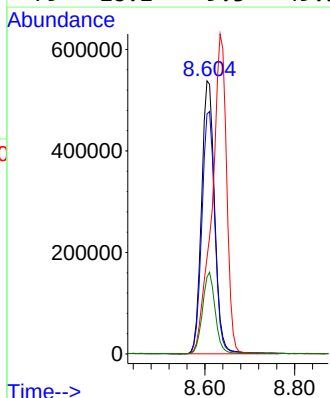
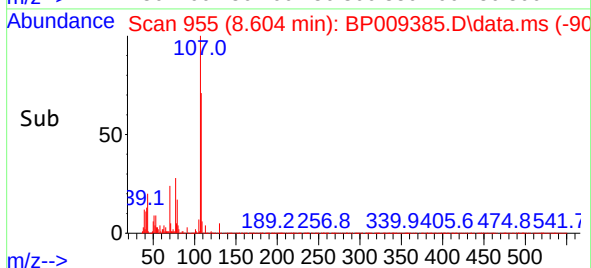
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

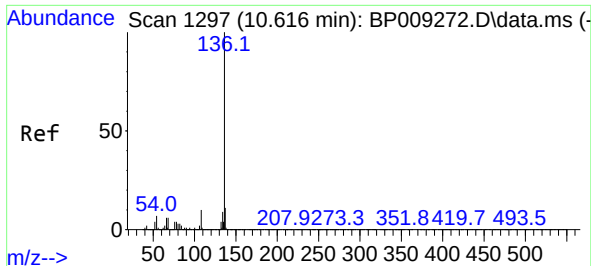


#20
3+4-Methylphenols
Concen: 38.789 ng
RT: 8.604 min Scan# 955
Delta R.T. 0.012 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



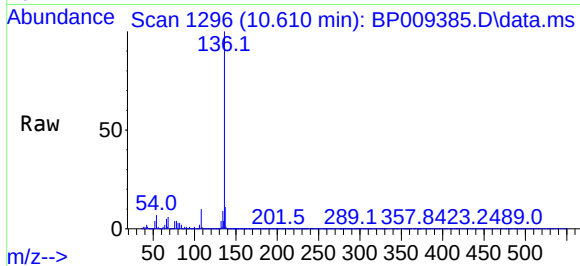
Tgt Ion:107 Resp: 1095073
Ion Ratio Lower Upper
107 100
108 87.9 69.4 109.4
77 35.1 13.6 53.6
79 28.2 9.3 49.3





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.610 min Scan# 10
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

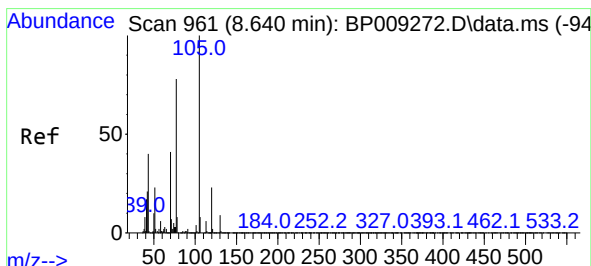
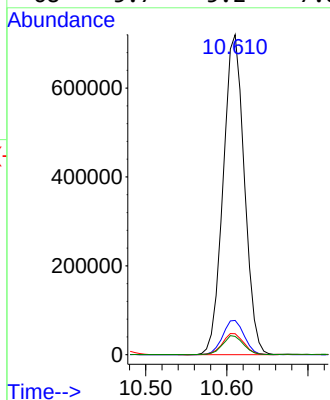
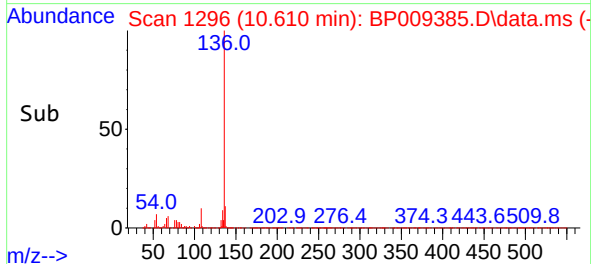
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



Tgt Ion:136 Resp: 1305578
Ion Ratio Lower Upper
136 100
137 10.7 8.6 12.8
54 6.6 5.8 8.8
68 5.7 5.2 7.8

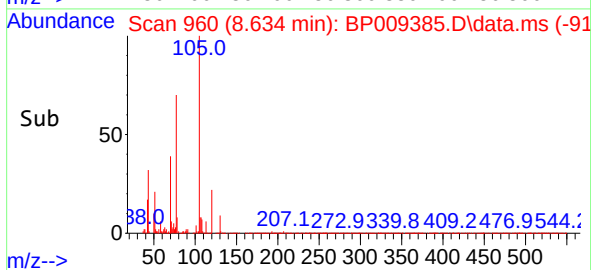
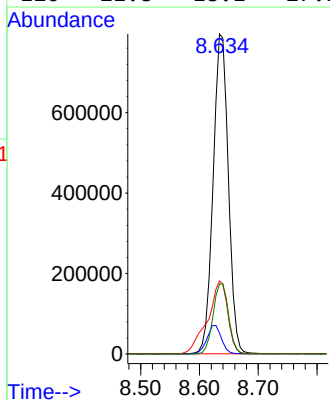
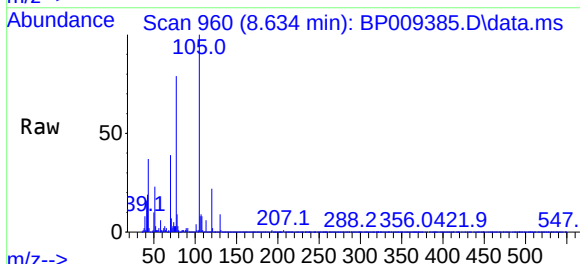
Manual Integrations
APPROVED

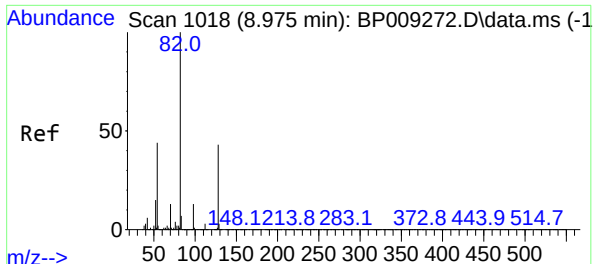
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#22
Acetophenone
Concen: 41.088 ng
RT: 8.634 min Scan# 960
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

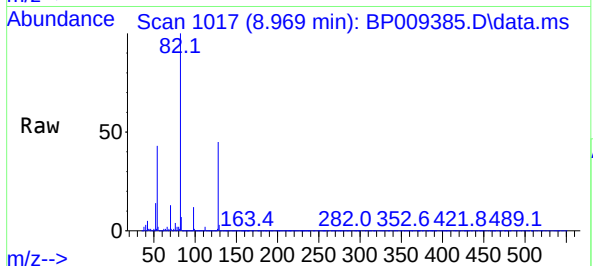
Tgt Ion:105 Resp: 1433966
Ion Ratio Lower Upper
105 100
71 6.6 5.5 8.3
51 22.8 18.9 28.3
120 21.8 18.1 27.1





#23
Nitrobenzene-d5
Concen: 67.089 ng
RT: 8.969 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

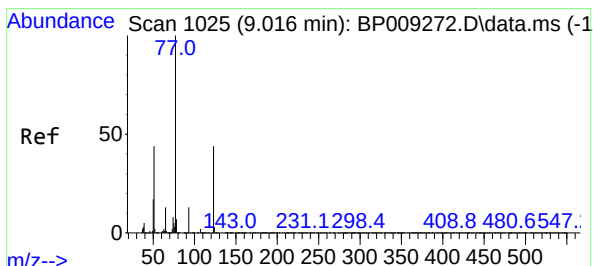
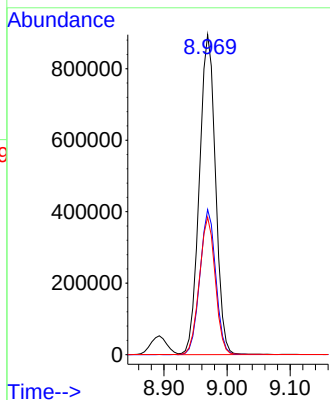
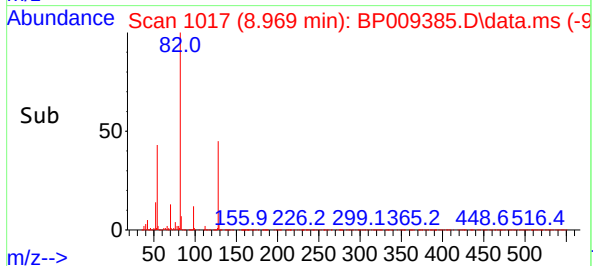
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



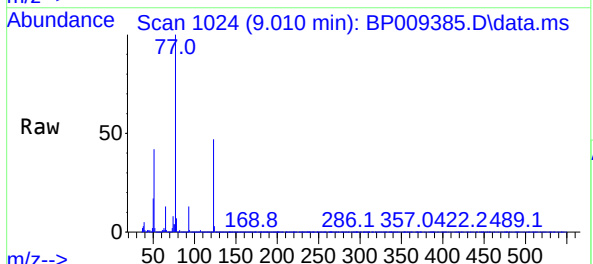
Tgt Ion: 82 Resp: 1590279
Ion Ratio Lower Upper
82 100
128 45.3 34.2 51.4
54 42.9 34.7 52.1

Manual Integrations
APPROVED

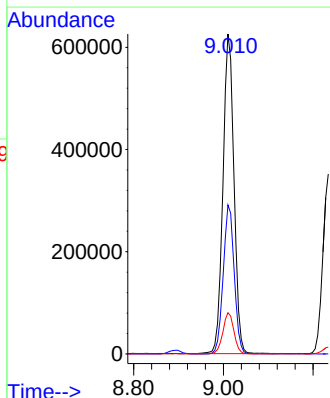
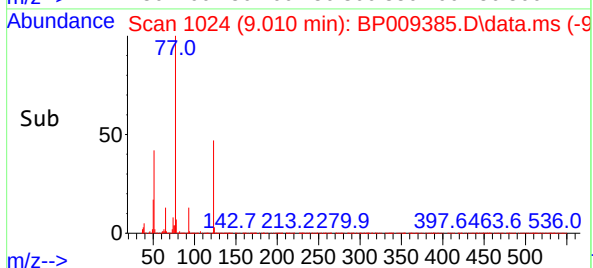
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

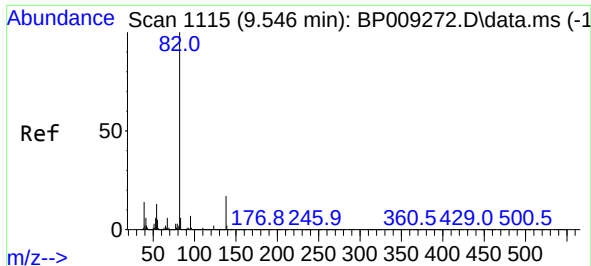


#24
Nitrobenzene
Concen: 42.629 ng
RT: 9.010 min Scan# 1024
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



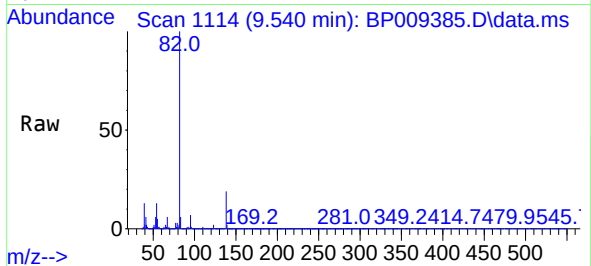
Tgt Ion: 77 Resp: 1070897
Ion Ratio Lower Upper
77 100
123 46.6 35.5 53.3
65 12.9 10.3 15.5





#25
Isophorone
Concen: 43.122 ng
RT: 9.540 min Scan# 1115
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

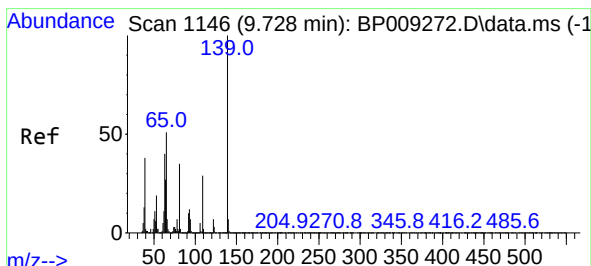
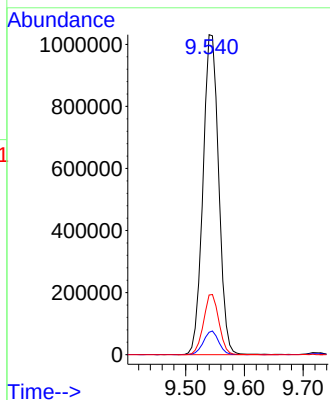
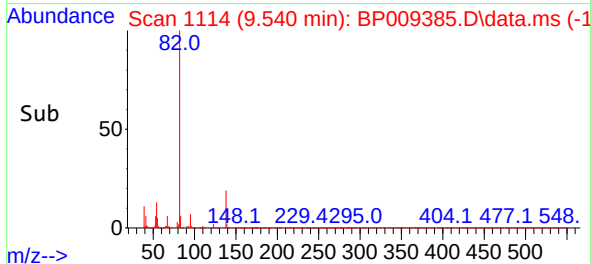
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



Tgt Ion: 82 Resp: 1911960
Ion Ratio Lower Upper
82 100
95 7.0 5.5 8.3
138 18.7 13.8 20.8

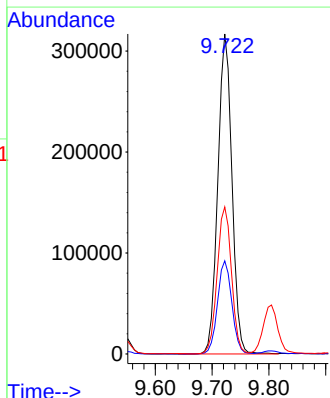
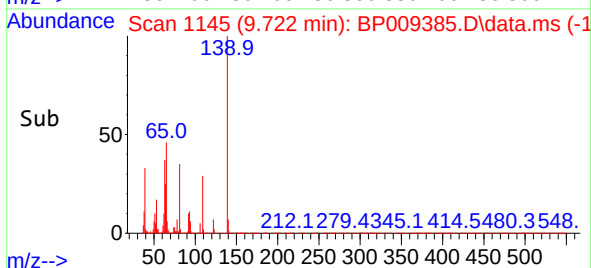
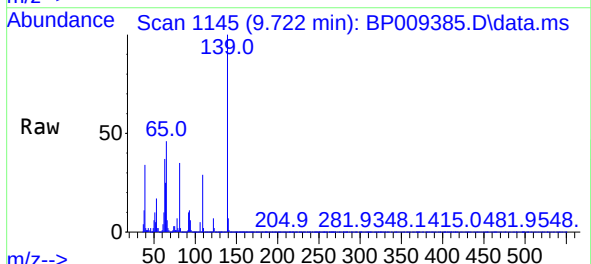
Manual Integrations
APPROVED

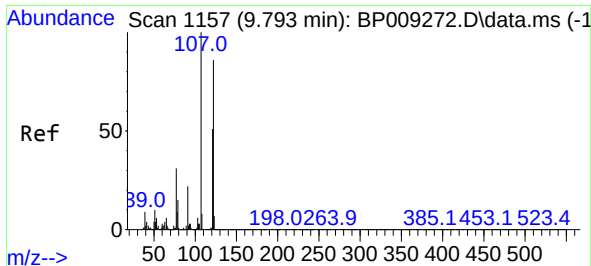
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#26
2-Nitrophenol
Concen: 56.135 ng
RT: 9.722 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

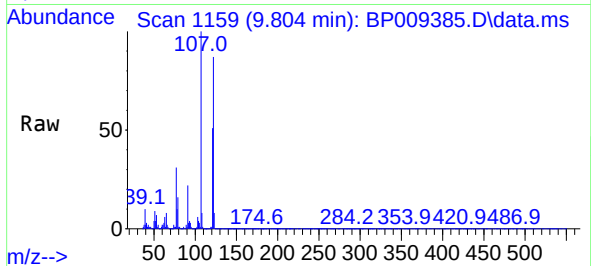
Tgt Ion:139 Resp: 546284
Ion Ratio Lower Upper
139 100
109 29.1 23.4 35.0
65 46.0 41.0 61.6





#27
2,4-Dimethylphenol
Concen: 41.279 ng
RT: 9.804 min Scan# 1157
Delta R.T. 0.012 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

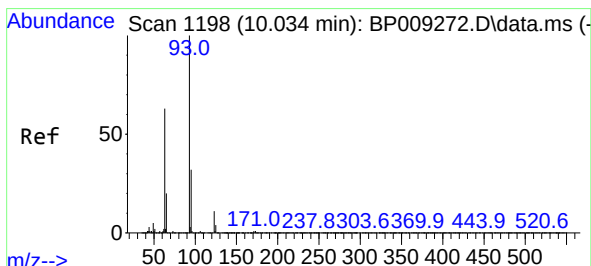
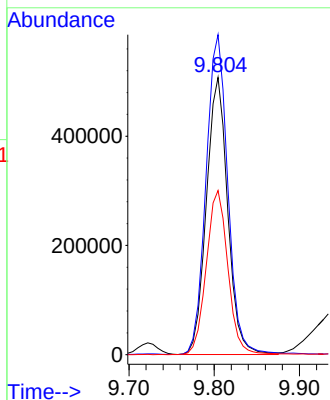
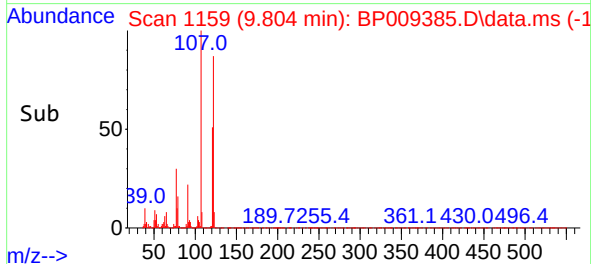
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



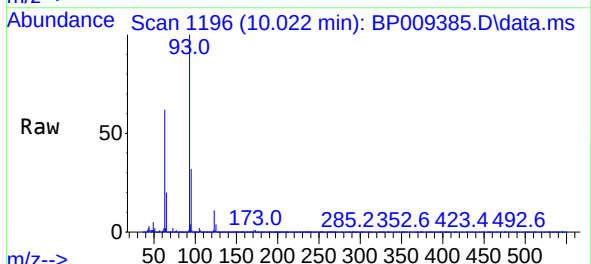
Tgt Ion:122 Resp: 88354
Ion Ratio Lower Upper
122 100
107 115.4 92.6 138.8
121 59.2 46.7 70.1

Manual Integrations
APPROVED

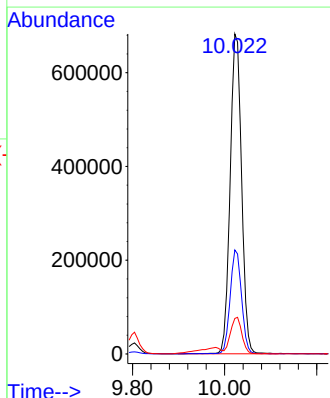
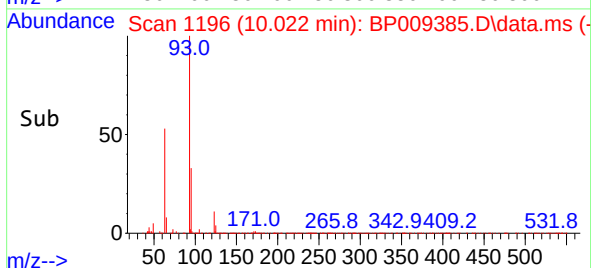
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

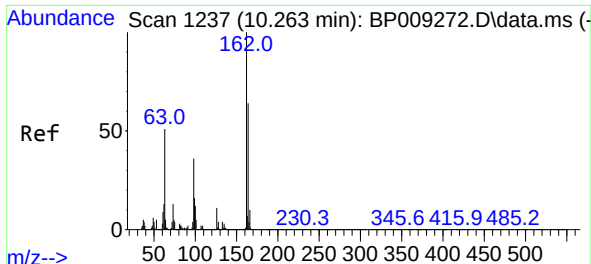


#28
bis(2-Chloroethoxy)methane
Concen: 40.362 ng
RT: 10.022 min Scan# 1196
Delta R.T. -0.012 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



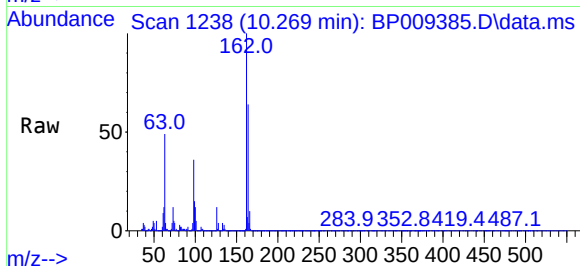
Tgt Ion: 93 Resp: 1171131
Ion Ratio Lower Upper
93 100
95 32.5 25.5 38.3
123 11.1 8.9 13.3





#29
2,4-Dichlorophenol
Concen: 44.135 ng
RT: 10.269 min Scan# 1237
Delta R.T. 0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

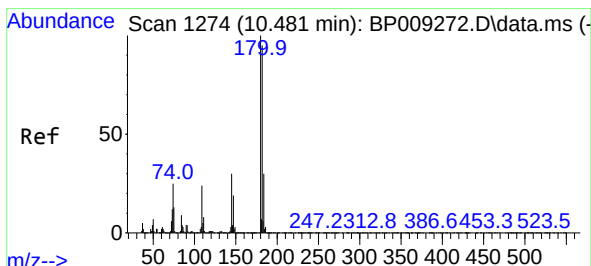
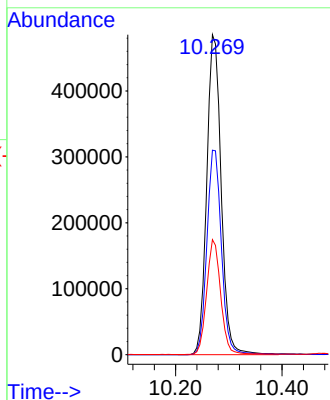
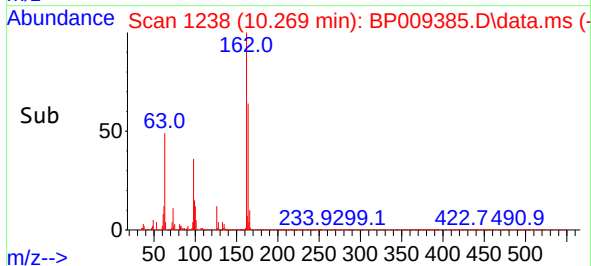
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



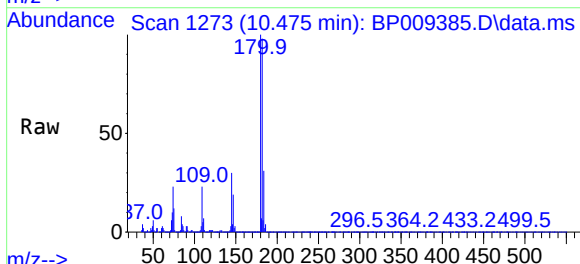
Tgt Ion:162 Resp: 911128
Ion Ratio Lower Upper
162 100
164 63.9 44.3 84.3
98 36.0 15.6 55.6

Manual Integrations
APPROVED

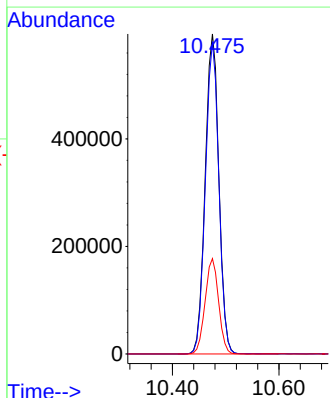
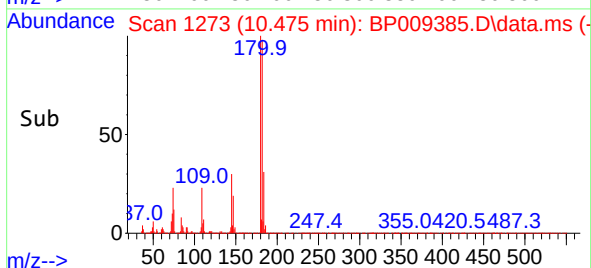
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

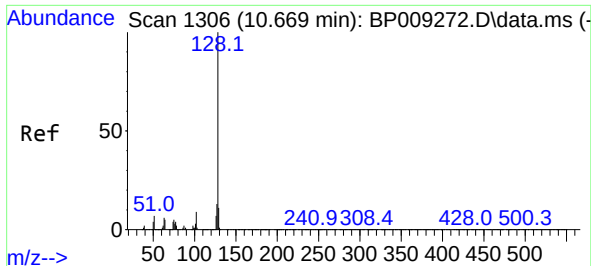


#30
1,2,4-Trichlorobenzene
Concen: 43.778 ng
RT: 10.475 min Scan# 1273
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



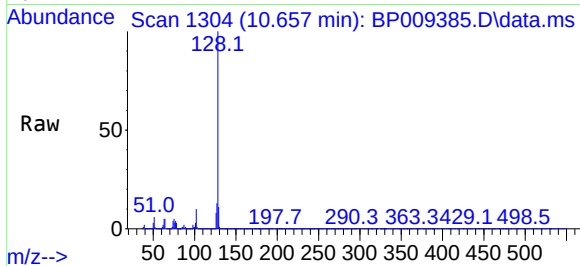
Tgt Ion:180 Resp: 1057775
Ion Ratio Lower Upper
180 100
182 97.6 76.4 114.6
145 29.8 23.8 35.6





#31
Naphthalene
Concen: 41.097 ng
RT: 10.657 min Scan# 1189
Delta R.T. -0.012 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

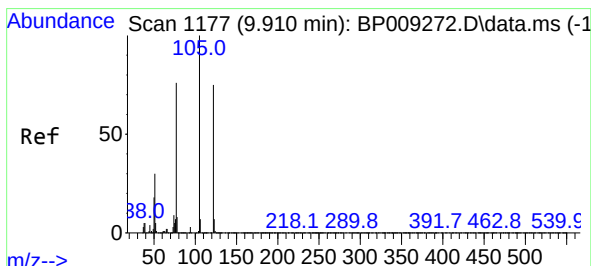
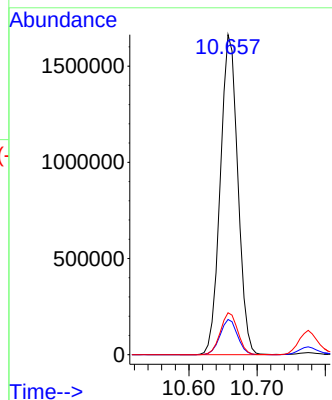
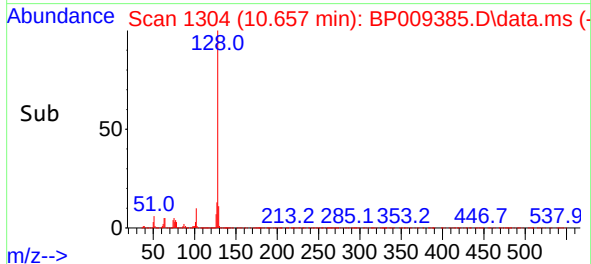
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



Tgt Ion:128 Resp: 297135
Ion Ratio Lower Upper
128 100
129 11.0 8.6 13.0
127 13.1 10.5 15.7

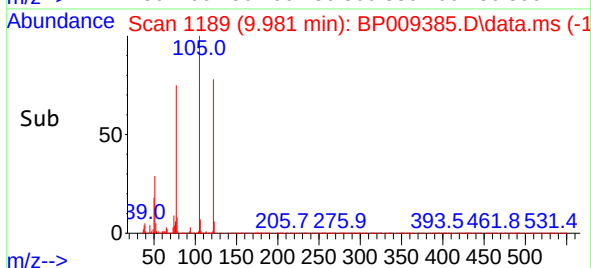
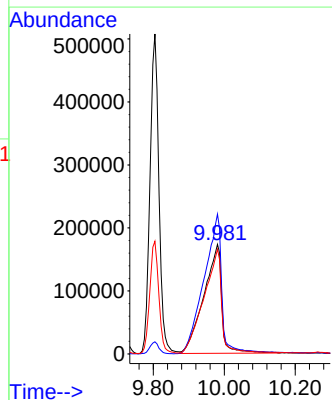
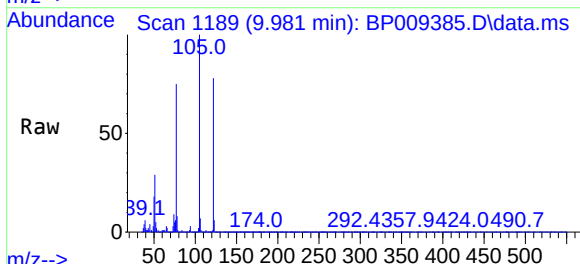
Manual Integrations
APPROVED

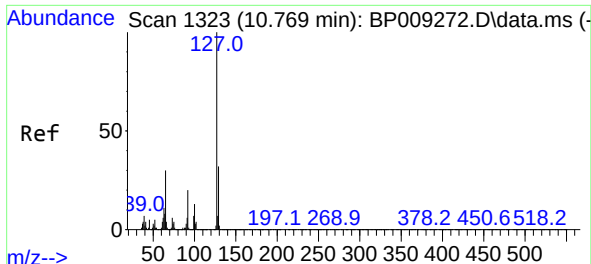
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#32
Benzoic acid
Concen: 56.288 ng
RT: 9.981 min Scan# 1189
Delta R.T. 0.070 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

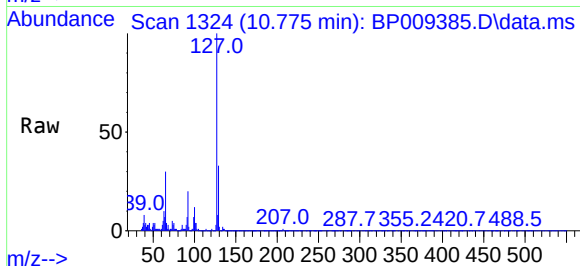
Tgt Ion:122 Resp: 611898
Ion Ratio Lower Upper
122 100
105 127.7 110.5 150.5
77 95.7 79.9 119.9





#33
4-Chloroaniline
Concen: 8.831 ng
RT: 10.775 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

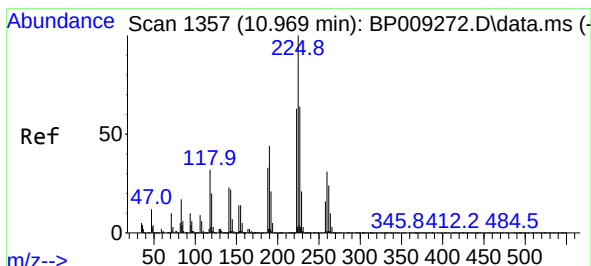
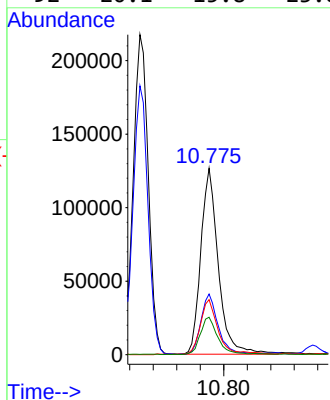
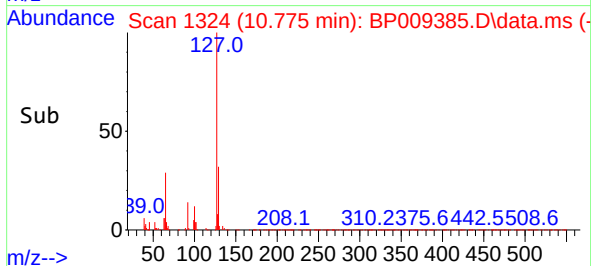
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



Tgt Ion:127 Resp: 261072
Ion Ratio Lower Upper
127 100
129 32.5 25.5 38.3
65 29.6 24.3 36.5
92 20.1 15.8 23.8

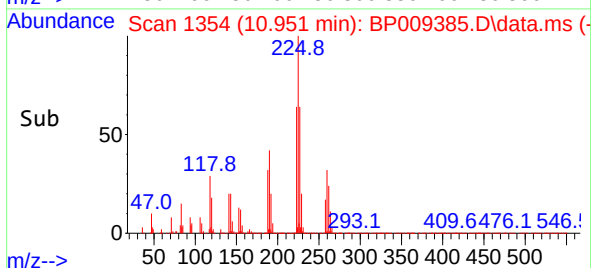
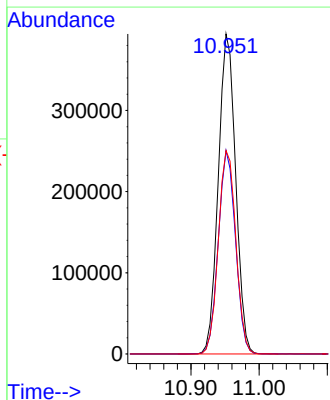
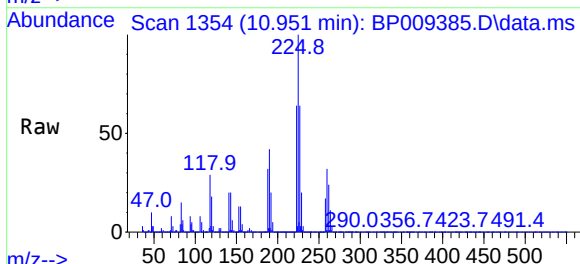
Manual Integrations
APPROVED

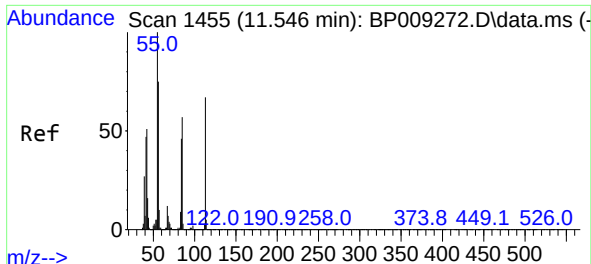
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#34
Hexachlorobutadiene
Concen: 47.422 ng
RT: 10.951 min Scan# 1354
Delta R.T. -0.018 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

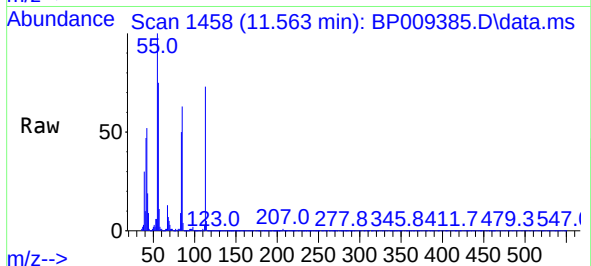
Tgt Ion:225 Resp: 697769
Ion Ratio Lower Upper
225 100
223 63.6 50.5 75.7
227 63.6 51.2 76.8





#35
Caprolactam
Concen: 43.732 ng
RT: 11.563 min Scan# 1455
Delta R.T. 0.018 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

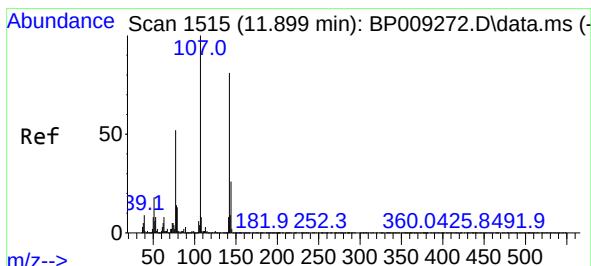
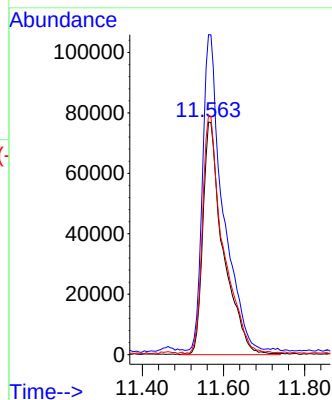
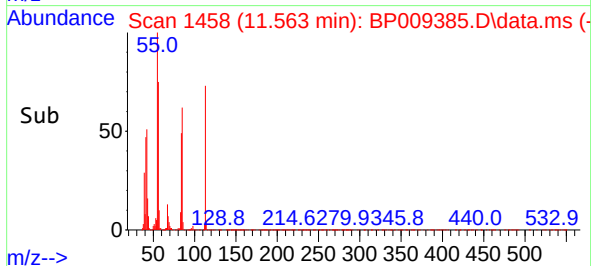
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



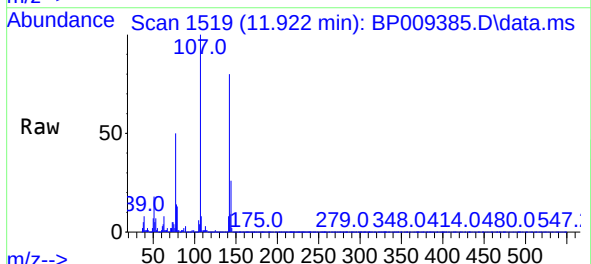
Tgt Ion:113 Resp: 265734
Ion Ratio Lower Upper
113 100
55 137.5 128.4 168.4
56 102.9 90.9 130.9

Manual Integrations
APPROVED

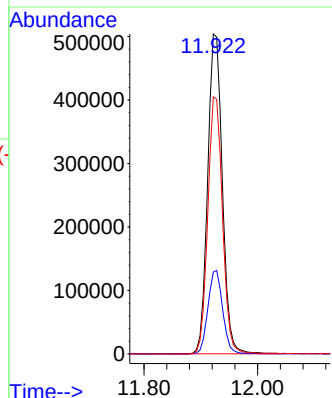
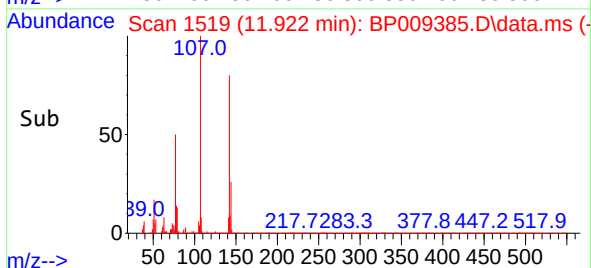
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

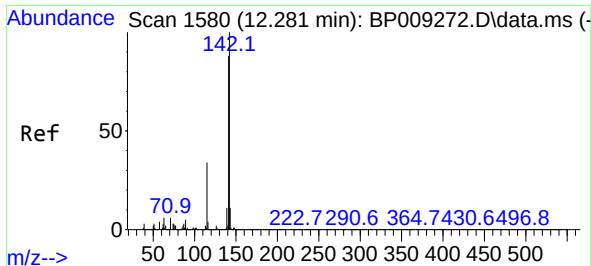


#36
4-Chloro-3-methylphenol
Concen: 41.853 ng
RT: 11.922 min Scan# 1519
Delta R.T. 0.023 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



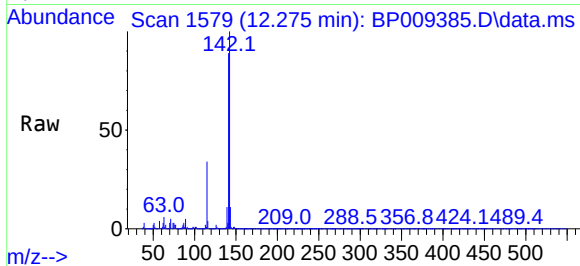
Tgt Ion:107 Resp: 901912
Ion Ratio Lower Upper
107 100
144 25.6 21.0 31.4
142 80.3 64.9 97.3





#37
2-Methylnaphthalene
Concen: 38.707 ng
RT: 12.275 min Scan# 1579
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

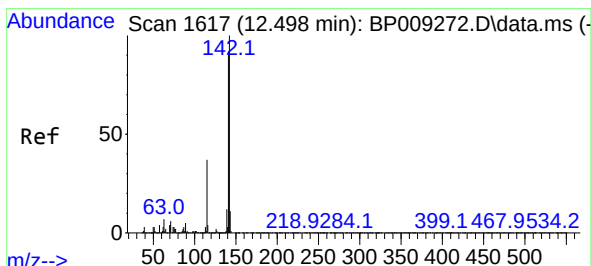
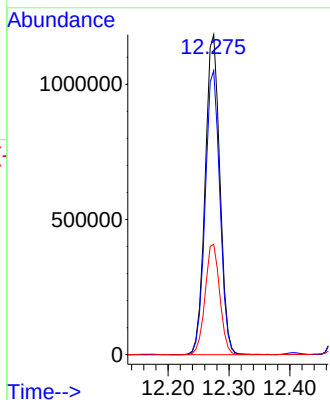
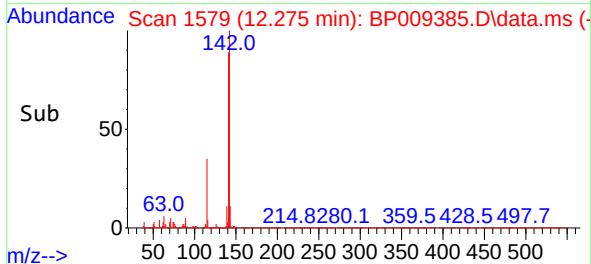
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



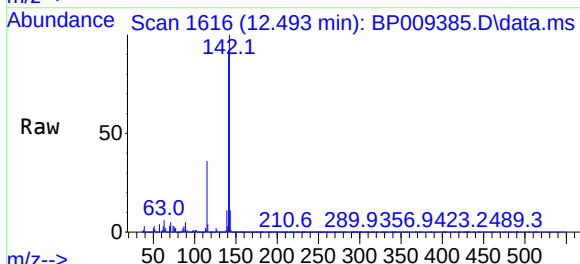
Tgt Ion:142 Resp: 1988344
Ion Ratio Lower Upper
142 100
141 88.8 70.2 105.4
115 34.5 27.4 41.2

Manual Integrations
APPROVED

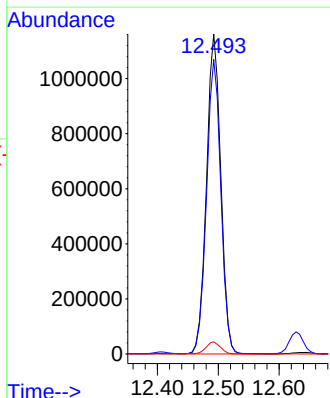
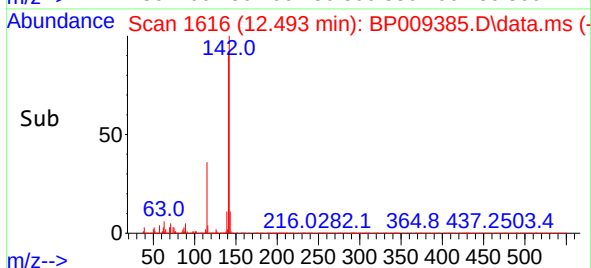
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

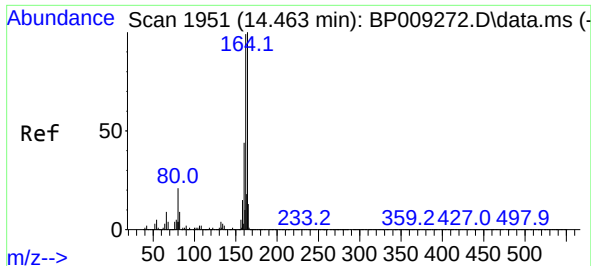


#38
1-Methylnaphthalene
Concen: 39.989 ng
RT: 12.493 min Scan# 1616
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



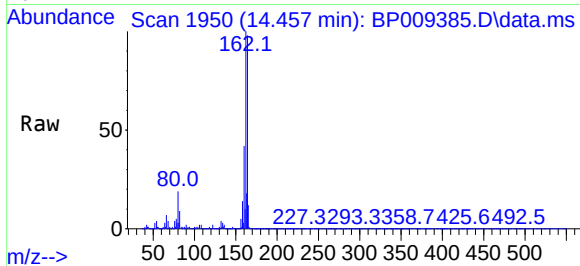
Tgt Ion:142 Resp: 1891891
Ion Ratio Lower Upper
142 100
141 92.1 73.5 110.3
116 3.8 3.3 4.9





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.457 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

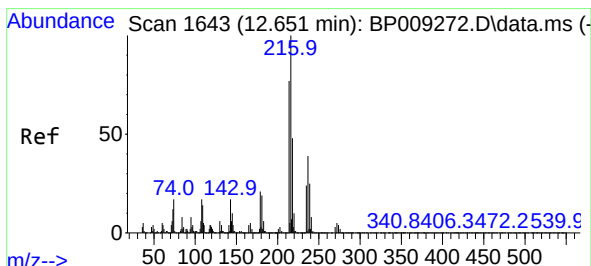
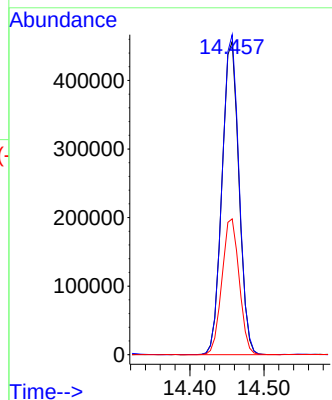
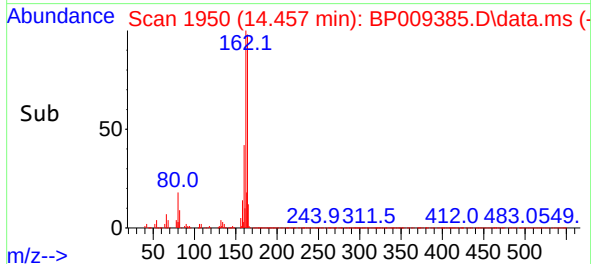
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



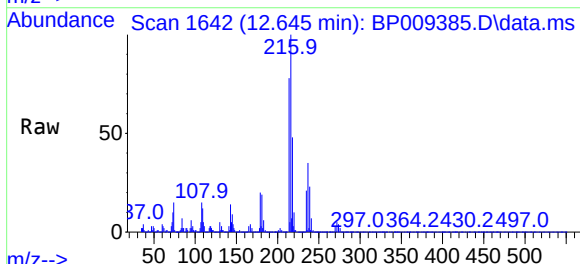
Tgt Ion:164 Resp: 724679
Ion Ratio Lower Upper
164 100
162 102.2 79.1 118.7
160 43.4 34.9 52.3

Manual Integrations
APPROVED

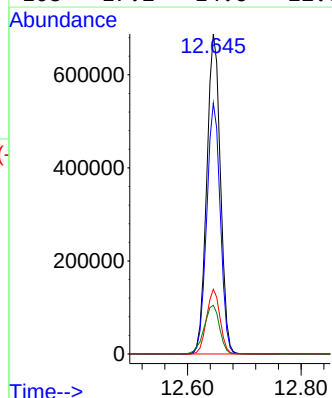
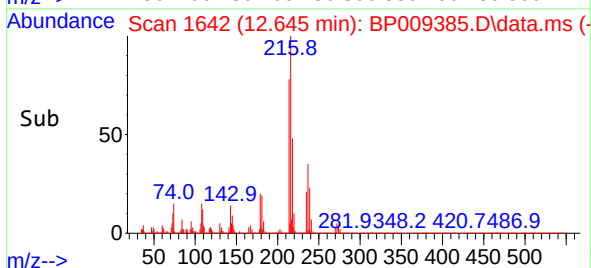
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

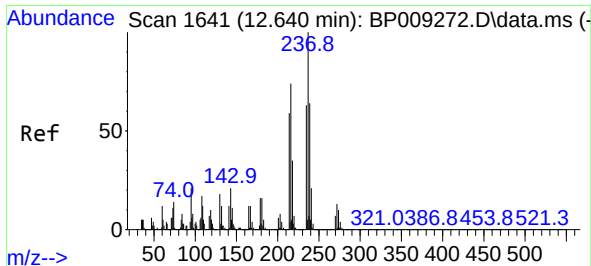


#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.650 ng
RT: 12.645 min Scan# 1642
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



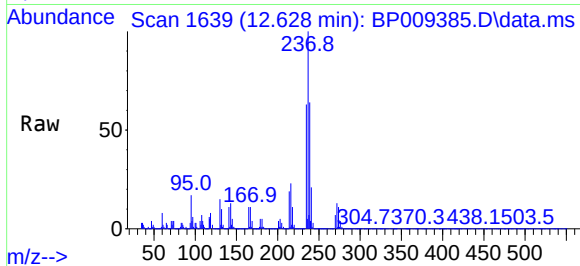
Tgt Ion:216 Resp: 1139238
Ion Ratio Lower Upper
216 100
214 78.2 62.3 93.5
179 19.9 16.8 25.2
108 17.2 14.6 22.0





#41
Hexachlorocyclopentadiene
Concen: 79.661 ng
RT: 12.628 min Scan# 1639
Delta R.T. -0.012 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

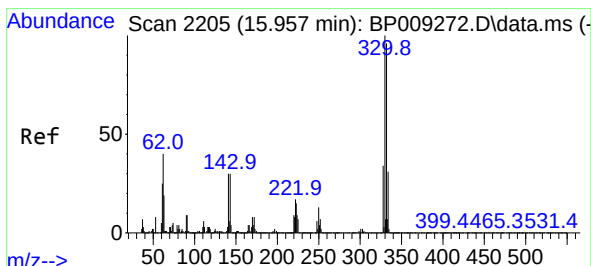
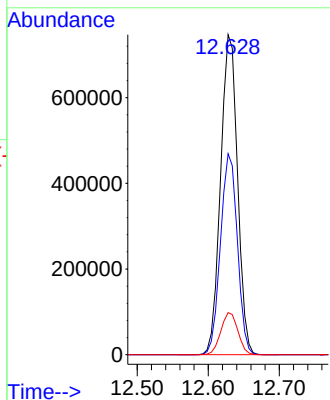
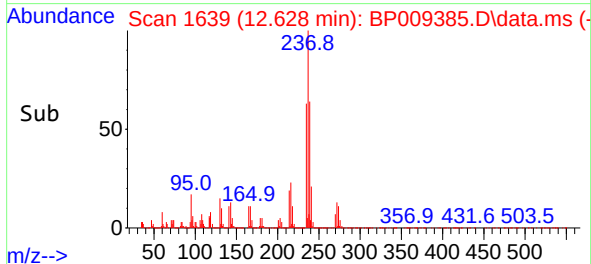
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



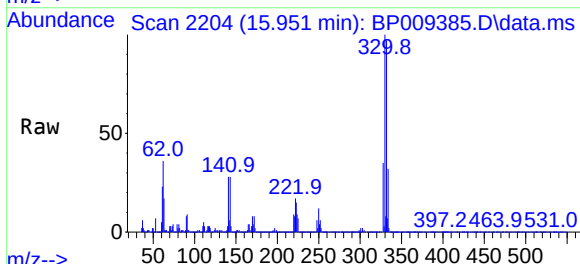
Tgt Ion: 237 Resp: 123214
Ion Ratio Lower Upper
237 100
235 62.8 42.6 82.6
272 13.1 0.0 32.8

Manual Integrations
APPROVED

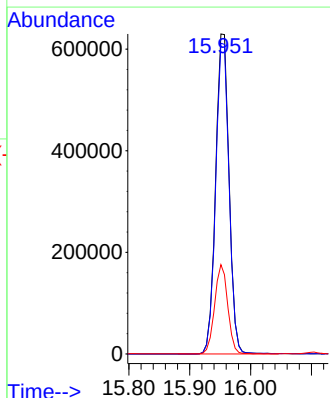
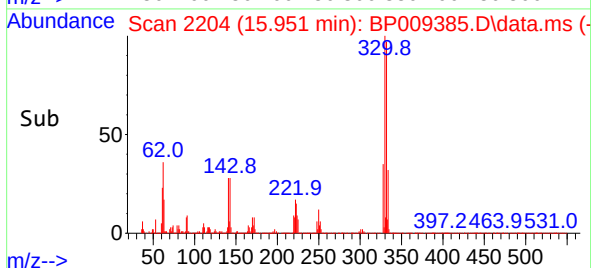
Reviewed By : Christian Giraldo 03/15/2022
Supervised By : mohammad ahmed 03/16/2022

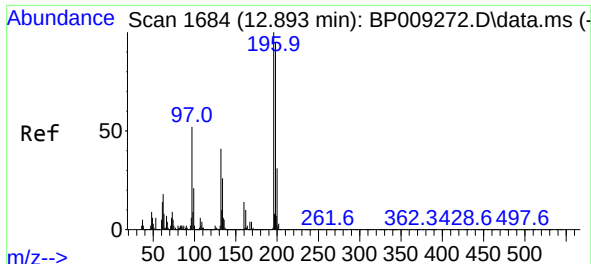


#42
2,4,6-Tribromophenol
Concen: 109.943 ng
RT: 15.951 min Scan# 2204
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



Tgt Ion: 330 Resp: 962052
Ion Ratio Lower Upper
330 100
332 96.9 77.0 115.6
141 27.2 27.6 41.4#





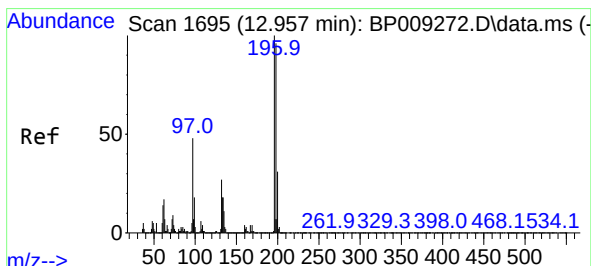
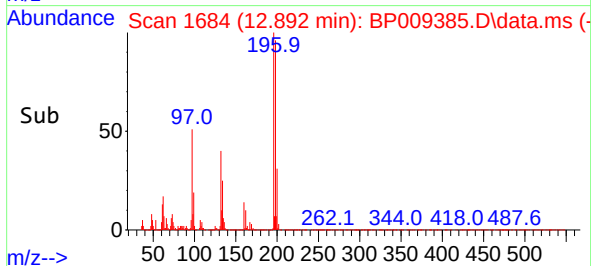
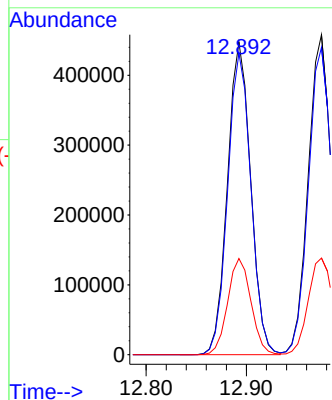
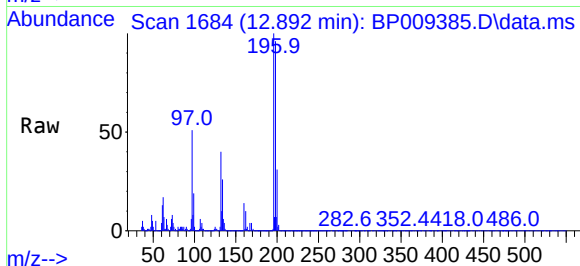
#43
2,4,6-Trichlorophenol
Concen: 49.192 ng
RT: 12.892 min Scan# 1684
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD

Tgt Ion:196 Resp: 721315
Ion Ratio Lower Upper
196 100
198 96.5 76.2 114.4
200 30.7 24.4 36.6

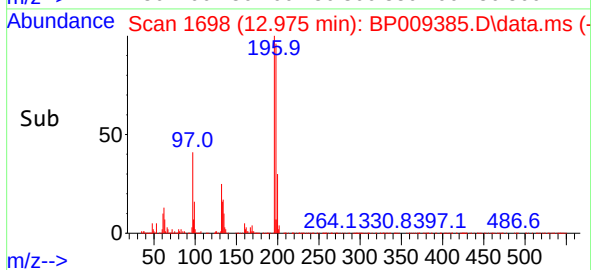
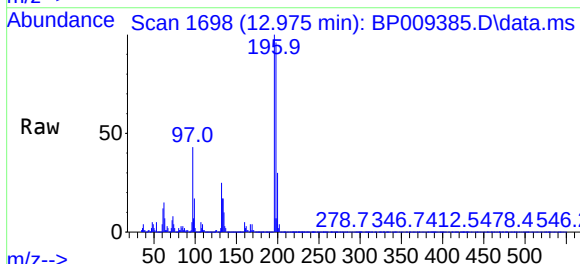
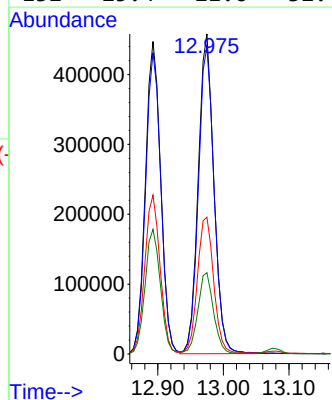
Manual Integrations
APPROVED

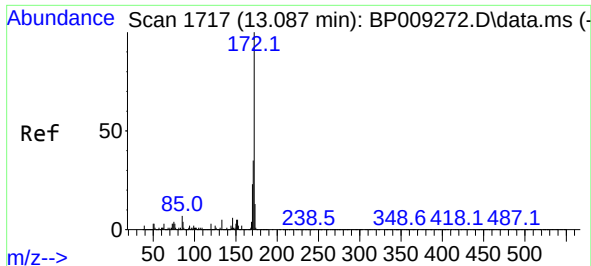
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#44
2,4,5-Trichlorophenol
Concen: 47.459 ng
RT: 12.975 min Scan# 1698
Delta R.T. 0.018 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

Tgt Ion:196 Resp: 763325
Ion Ratio Lower Upper
196 100
198 96.0 76.6 114.8
97 42.8 38.3 57.5
132 25.4 21.6 32.4





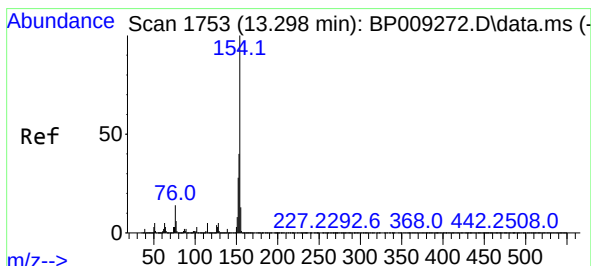
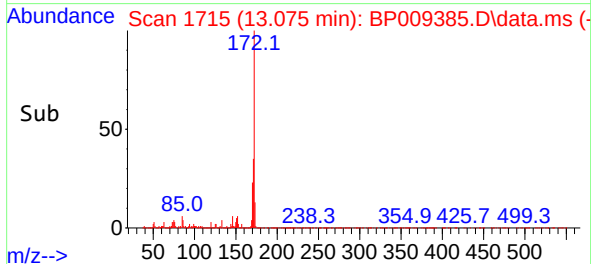
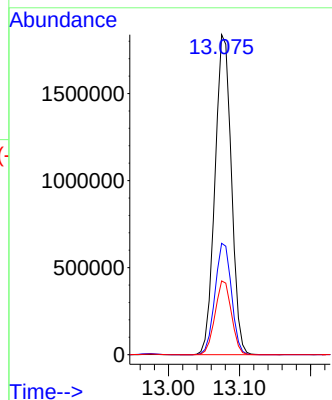
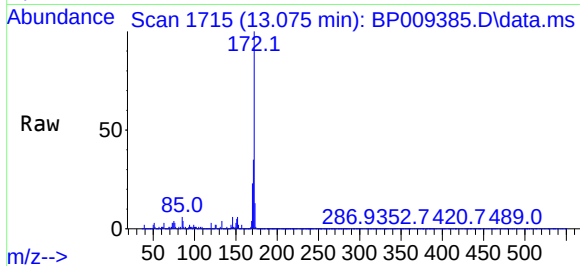
#45
2-Fluorobiphenyl
Concen: 55.795 ng
RT: 13.075 min Scan# 1715
Delta R.T. -0.012 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD

Tgt Ion:172 Resp: 2940139
Ion Ratio Lower Upper
172 100
171 34.8 28.0 42.0
170 23.1 18.6 27.8

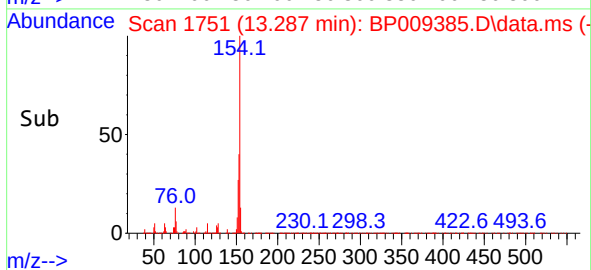
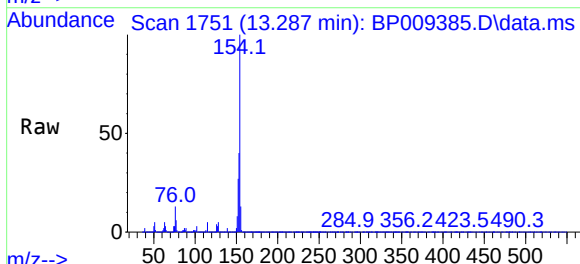
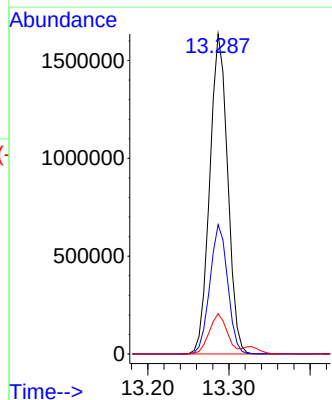
Manual Integrations
APPROVED

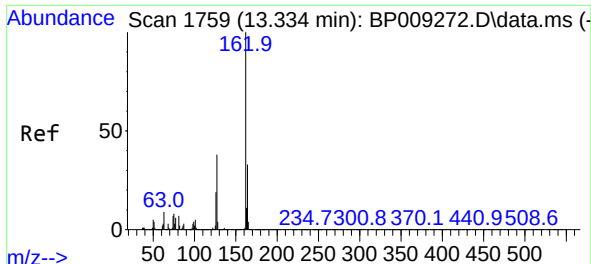
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#46
1,1'-Biphenyl
Concen: 42.338 ng
RT: 13.287 min Scan# 1751
Delta R.T. -0.012 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

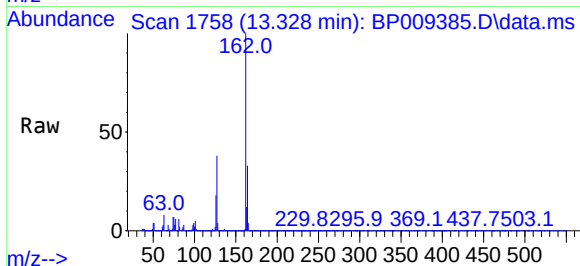
Tgt Ion:154 Resp: 2504949
Ion Ratio Lower Upper
154 100
153 40.4 20.2 60.2
76 12.6 0.0 34.0





#47
2-Chloronaphthalene
Concen: 43.732 ng
RT: 13.328 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

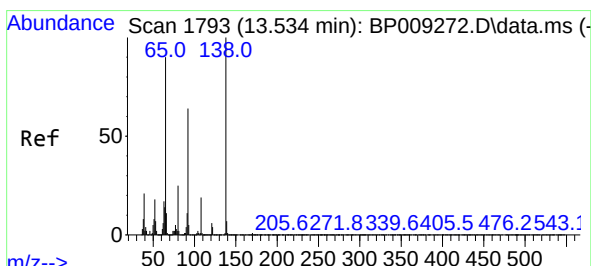
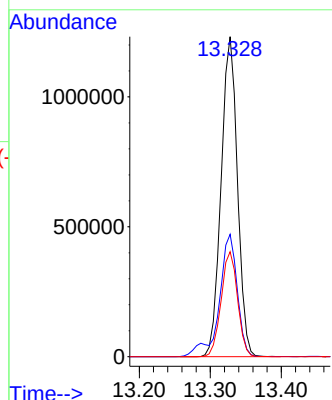
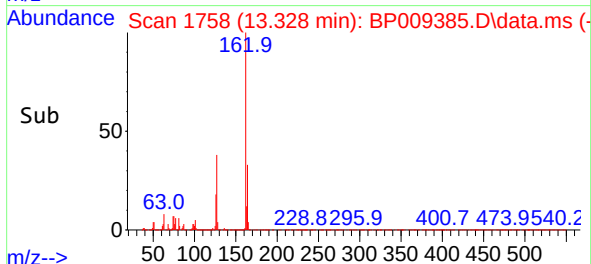
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



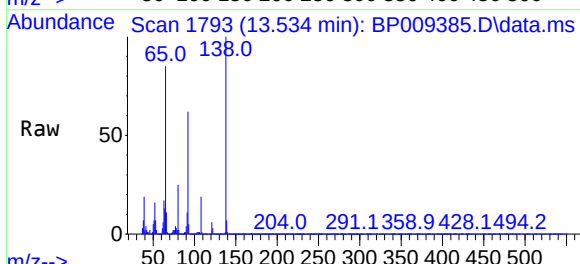
Tgt Ion:162 Resp: 195985
Ion Ratio Lower Upper
162 100
127 38.3 30.8 46.2
164 32.8 26.3 39.5

Manual Integrations
APPROVED

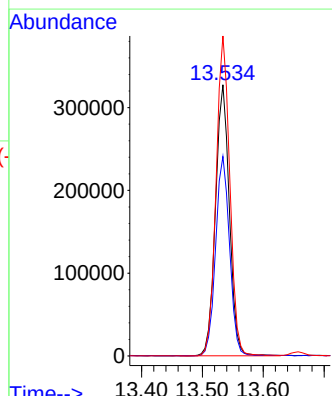
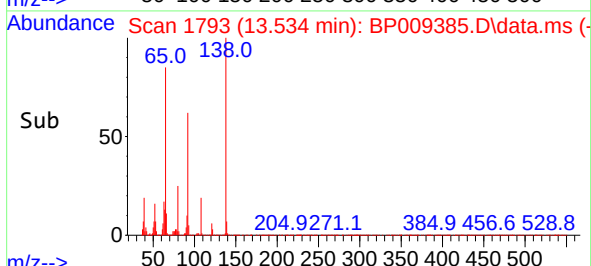
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

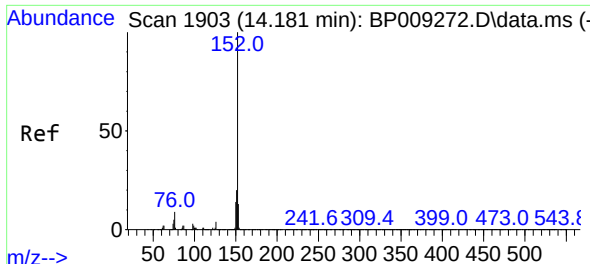


#48
2-Nitroaniline
Concen: 50.353 ng
RT: 13.534 min Scan# 1793
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



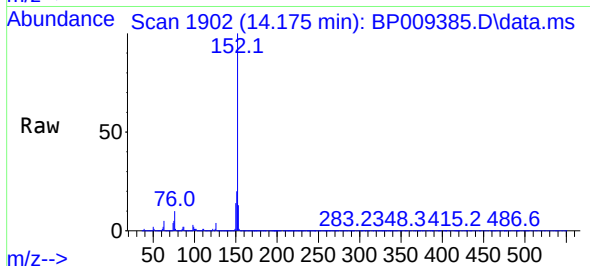
Tgt Ion: 65 Resp: 518851
Ion Ratio Lower Upper
65 100
92 73.6 56.9 85.3
138 118.0 89.3 133.9





#49
Acenaphthylene
Concen: 45.224 ng
RT: 14.175 min Scan# 1903
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

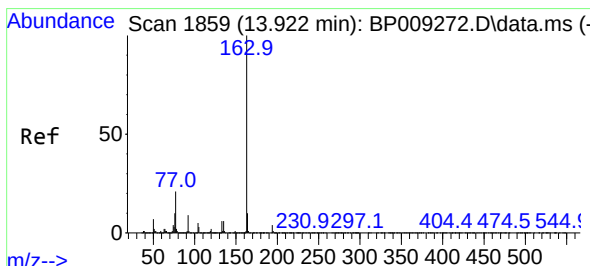
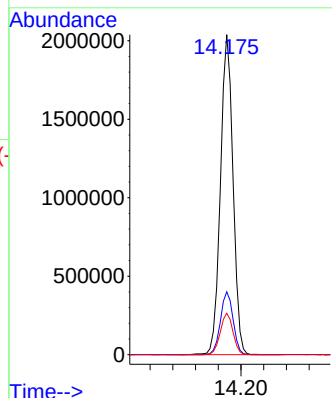
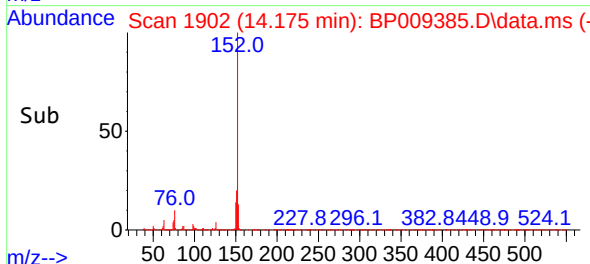
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



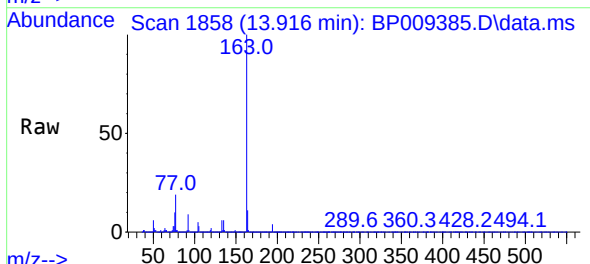
Tgt Ion:152 Resp: 3131475
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 12.9 10.7 16.1

Manual Integrations
APPROVED

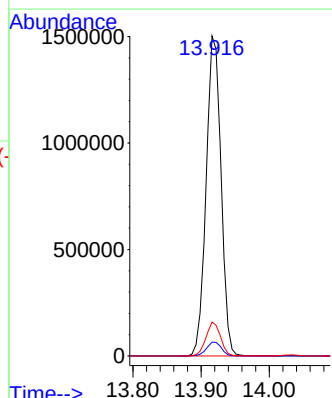
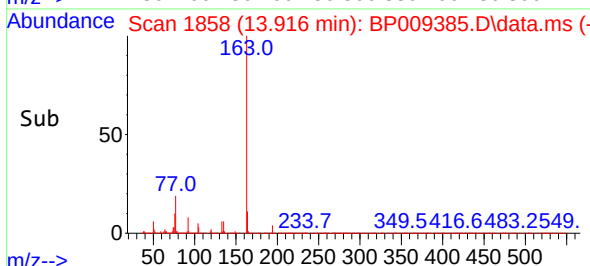
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

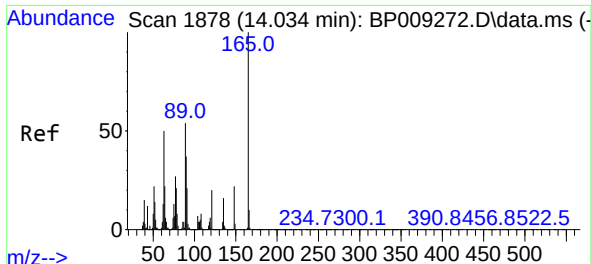


#50
Dimethylphthalate
Concen: 42.718 ng
RT: 13.916 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



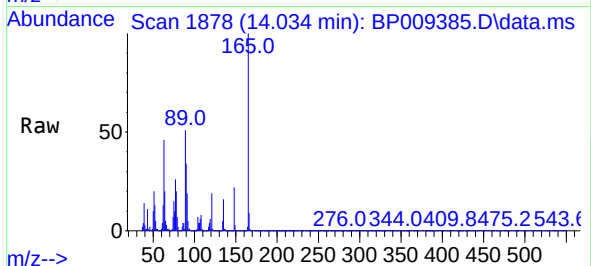
Tgt Ion:163 Resp: 2283228
Ion Ratio Lower Upper
163 100
194 4.3 3.4 5.0
164 10.6 8.2 12.2





#51
2,6-Dinitrotoluene
Concen: 48.423 ng
RT: 14.034 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

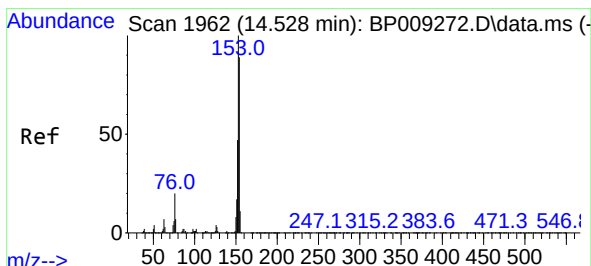
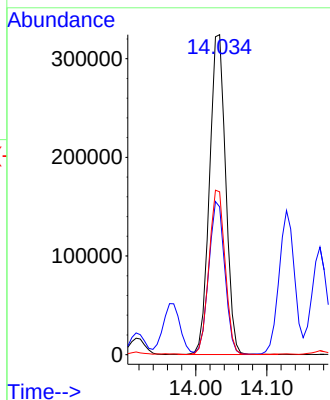
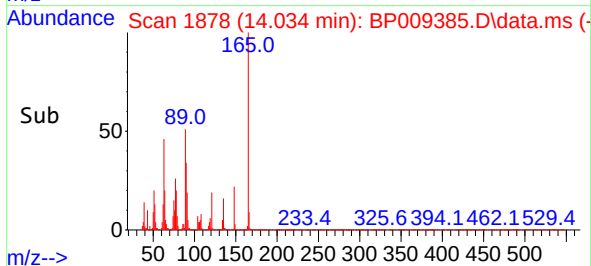
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



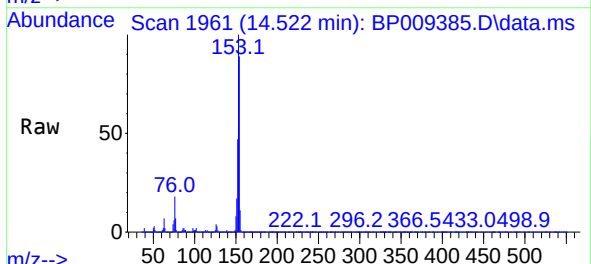
Tgt Ion:165 Resp: 51110
Ion Ratio Lower Upper
165 100
63 46.2 40.9 61.3
89 50.9 43.4 65.2

Manual Integrations
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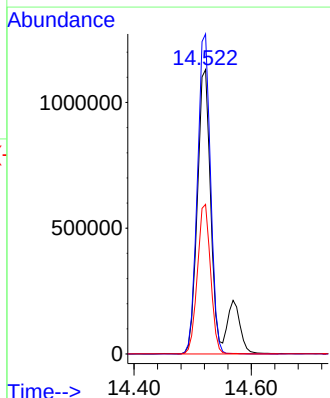
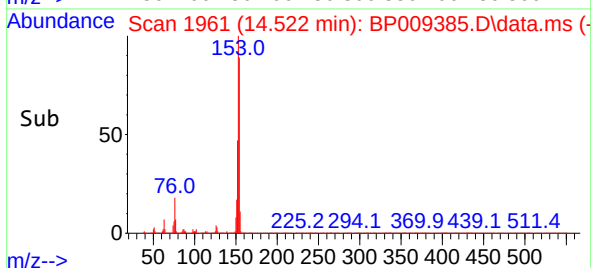
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

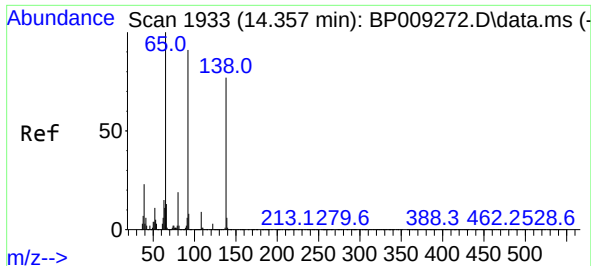


#52
Acenaphthene
Concen: 46.962 ng m
RT: 14.522 min Scan# 1961
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



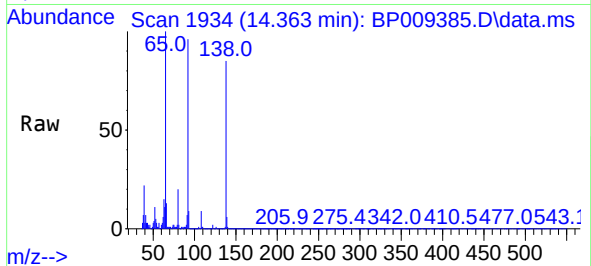
Tgt Ion:154 Resp: 2084115
Ion Ratio Lower Upper
154 100
153 112.5 90.2 135.4
152 52.6 42.7 64.1





#53
3-Nitroaniline
Concen: 29.155 ng
RT: 14.363 min Scan# 1933
Delta R.T. 0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

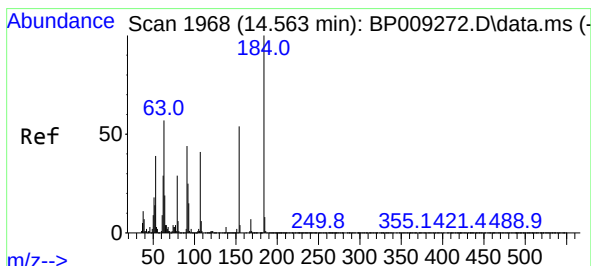
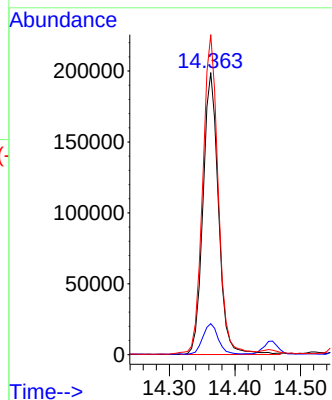
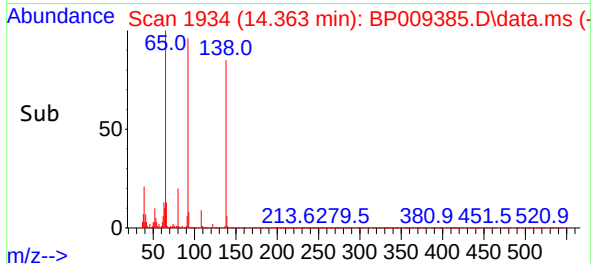
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



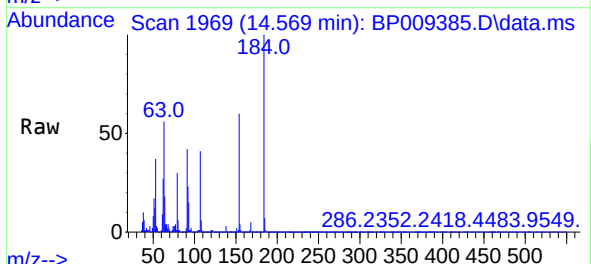
Tgt Ion:138 Resp: 32688
Ion Ratio Lower Upper
138 100
108 11.0 9.7 14.5
92 113.4 94.4 141.6

Manual Integrations
APPROVED

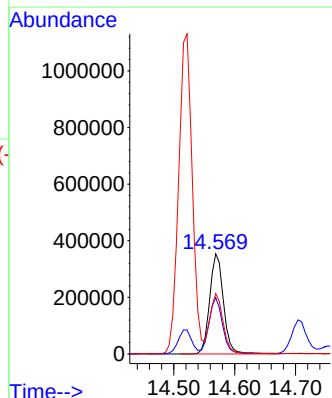
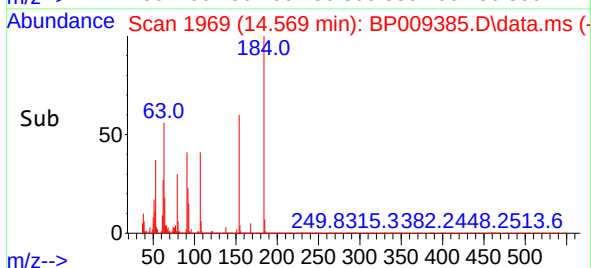
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

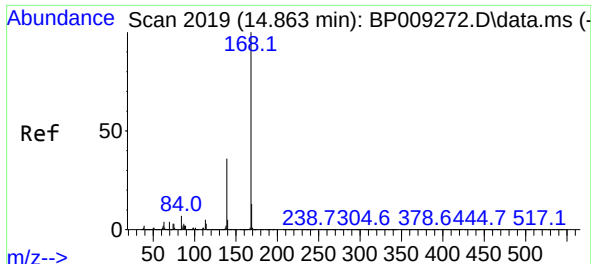


#54
2,4-Dinitrophenol
Concen: 123.779 ng
RT: 14.569 min Scan# 1969
Delta R.T. 0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



Tgt Ion:184 Resp: 559427
Ion Ratio Lower Upper
184 100
63 56.1 46.3 69.5
154 60.2 45.8 68.6





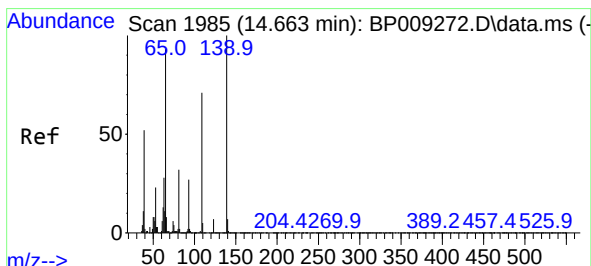
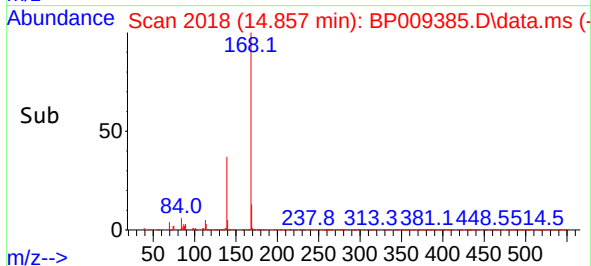
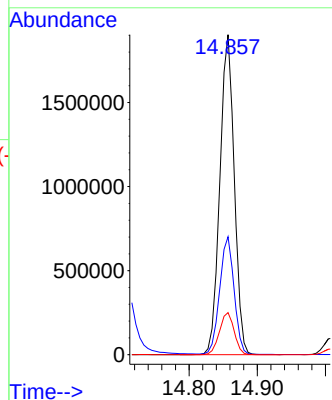
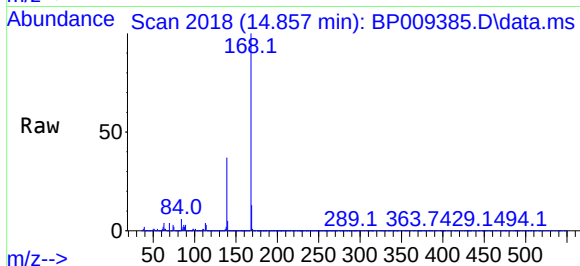
#55
Dibenzenofuran
Concen: 41.624 ng
RT: 14.857 min Scan# 2019
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD

Tgt Ion:168 Resp: 2798219
Ion Ratio Lower Upper
168 100
139 36.8 29.1 43.7
169 13.1 10.6 16.0

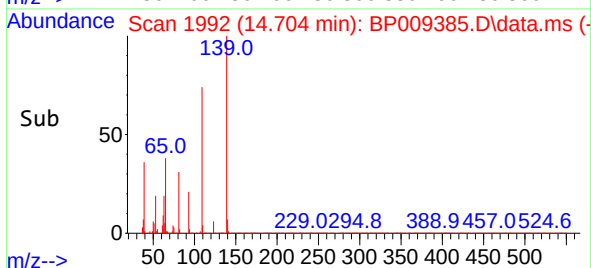
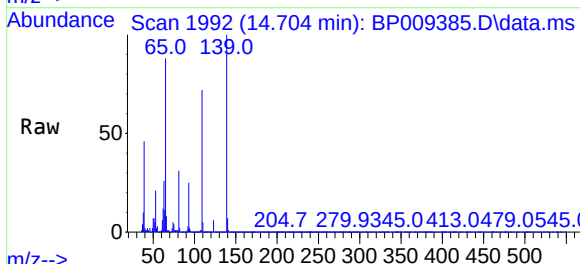
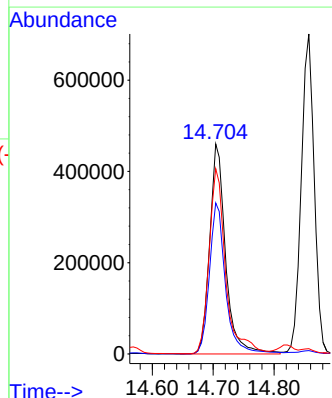
Manual Integrations
APPROVED

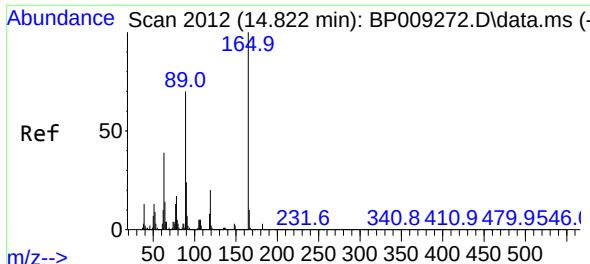
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#56
4-Nitrophenol
Concen: 89.789 ng
RT: 14.704 min Scan# 1992
Delta R.T. 0.041 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

Tgt Ion:139 Resp: 837211
Ion Ratio Lower Upper
139 100
109 71.9 51.2 91.2
65 88.2 73.2 113.2





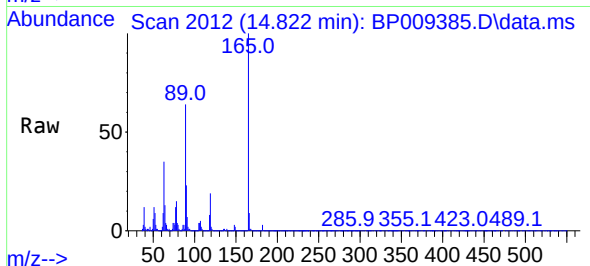
#57
2,4-Dinitrotoluene
Concen: 49.769 ng
RT: 14.822 min Scan# 2012
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

Instrument :

BNA_P

ClientSampleId :

SS-2(PILE-2)MSD

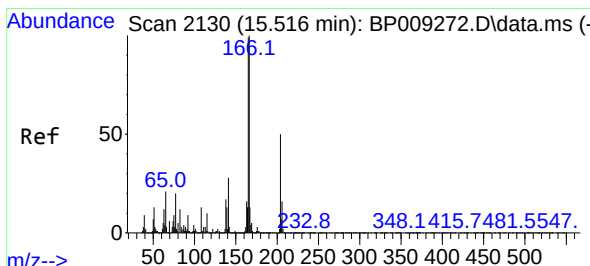
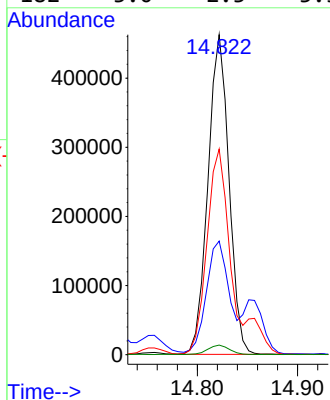
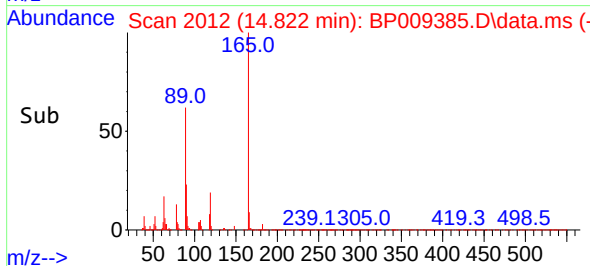


Tgt Ion:165 Resp: 67262
Ion Ratio Lower Upper
165 100
63 35.5 31.4 47.2
89 64.3 55.9 83.9
182 3.0 2.3 3.5

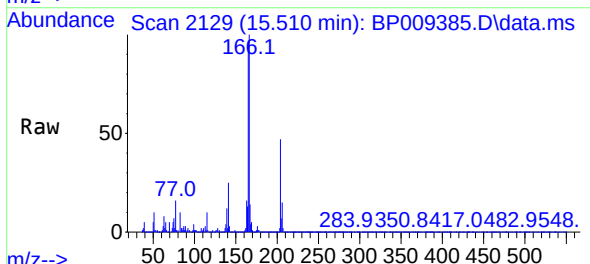
Manual Integrations

APPROVED

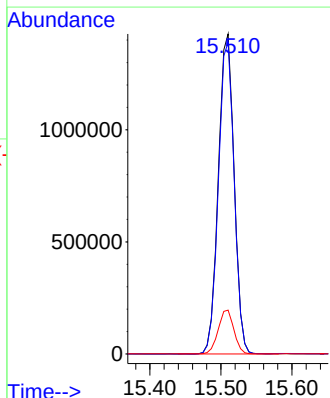
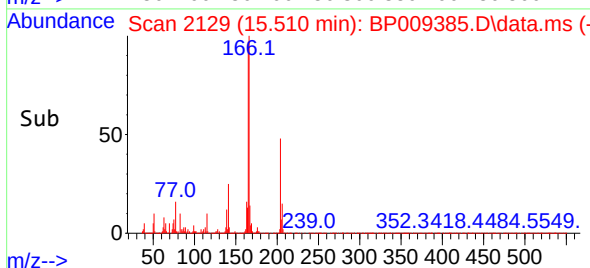
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

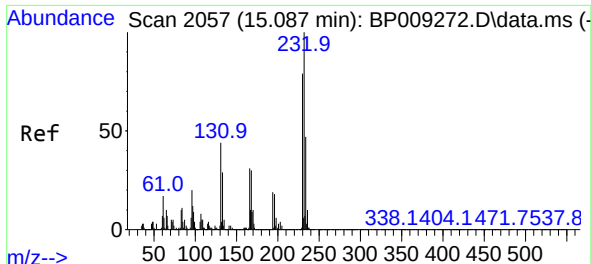


#58
Fluorene
Concen: 41.636 ng
RT: 15.510 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



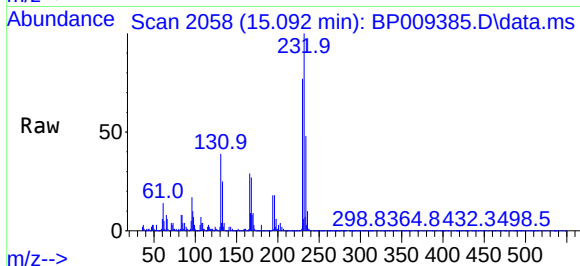
Tgt Ion:166 Resp: 2191929
Ion Ratio Lower Upper
166 100
165 97.4 79.2 118.8
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.095 ng
RT: 15.092 min Scan# 2058
Delta R.T. 0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

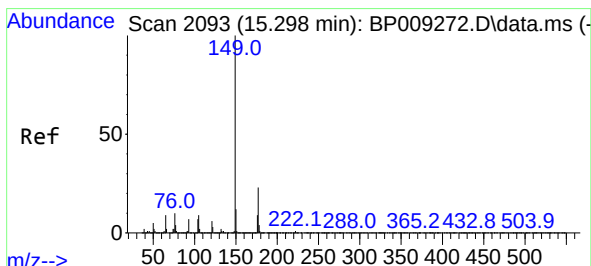
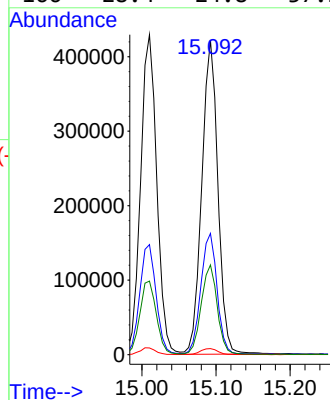
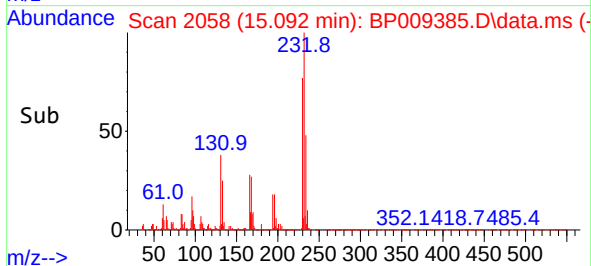
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



Tgt Ion:232 Resp: 63778
Ion Ratio Lower Upper
232 100
131 39.0 35.5 53.3
130 2.1 1.8 2.8
166 28.4 24.8 37.2

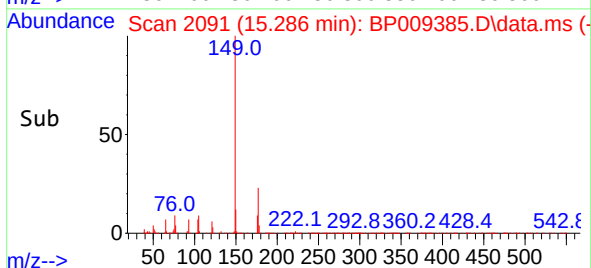
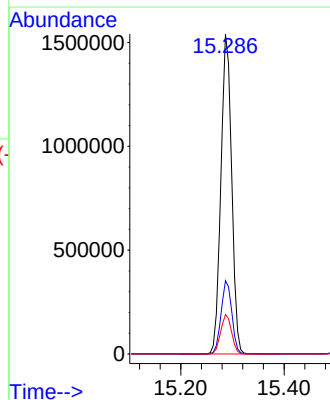
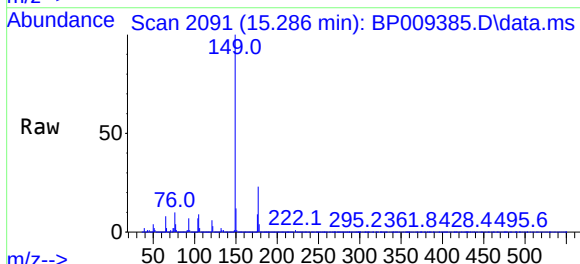
Manual Integrations
APPROVED

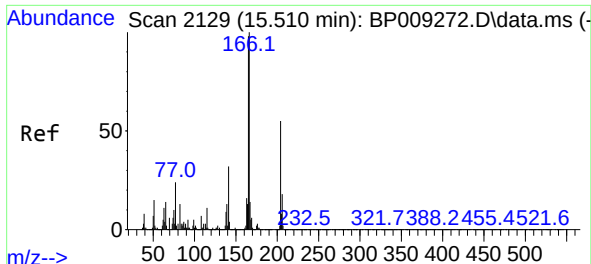
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#60
Diethylphthalate
Concen: 42.636 ng
RT: 15.286 min Scan# 2091
Delta R.T. -0.012 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

Tgt Ion:149 Resp: 2218748
Ion Ratio Lower Upper
149 100
177 22.9 18.2 27.2
150 12.3 9.9 14.9





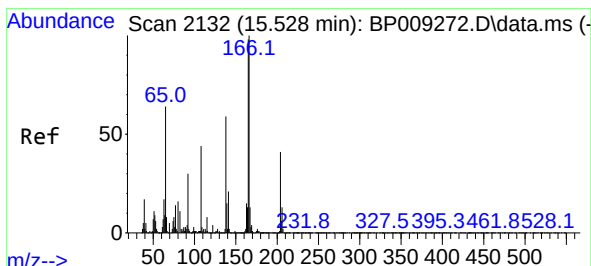
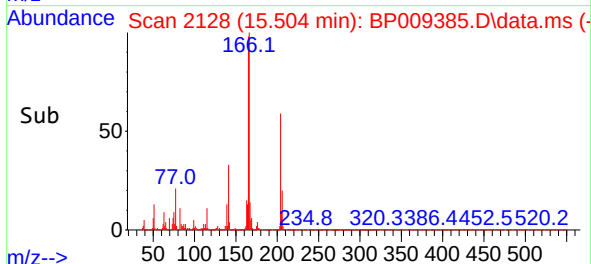
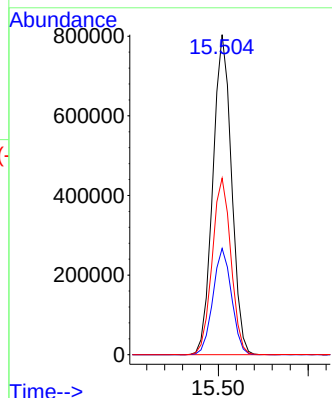
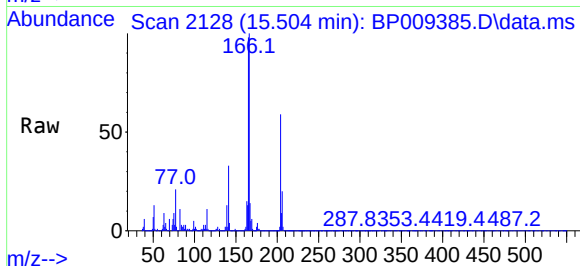
#61
4-Chlorophenyl-phenylether
Concen: 43.333 ng
RT: 15.504 min Scan# 2129
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD

Tgt Ion:204 Resp: 1161970
Ion Ratio Lower Upper
204 100
206 33.2 26.0 39.0
141 55.2 45.9 68.9

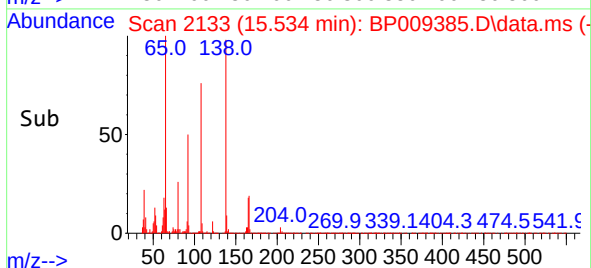
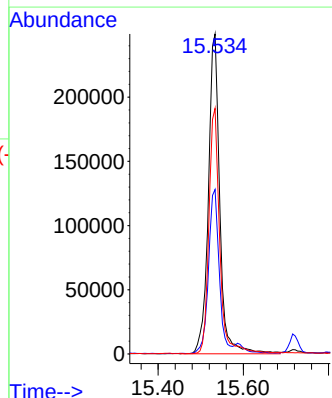
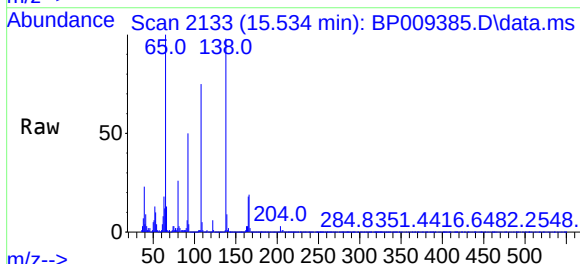
Manual Integrations
APPROVED

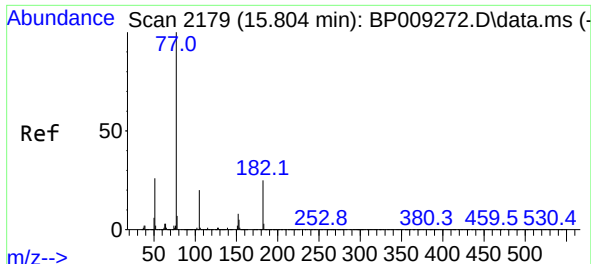
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#62
4-Nitroaniline
Concen: 42.822 ng
RT: 15.534 min Scan# 2133
Delta R.T. 0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

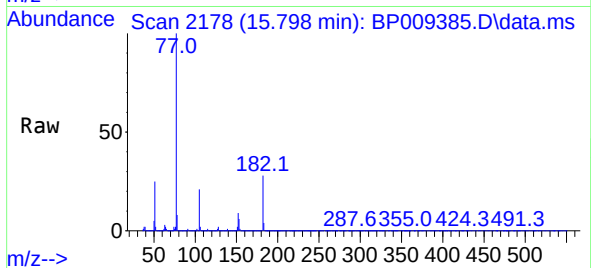
Tgt Ion:138 Resp: 465577
Ion Ratio Lower Upper
138 100
92 51.4 31.2 71.2
108 76.8 54.3 94.3





#63
Azobenzene
Concen: 39.040 ng
RT: 15.798 min Scan# 2179
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

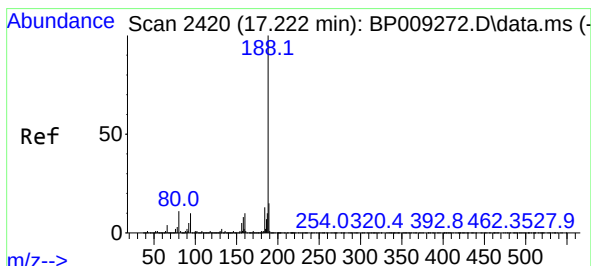
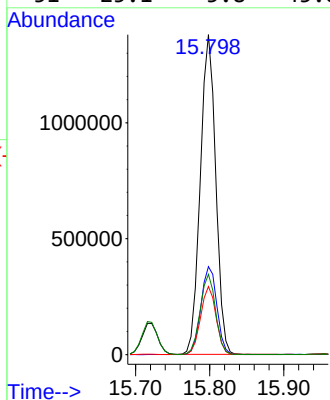
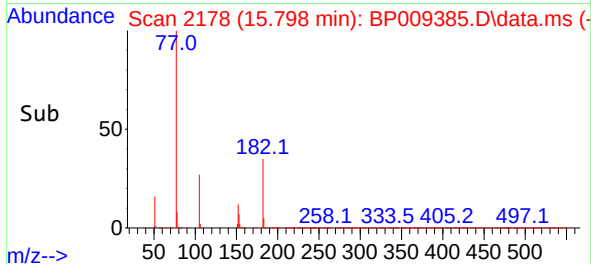
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



Tgt Ion: 77 Resp: 1995910
Ion Ratio Lower Upper
77 100
182 27.5 5.4 45.4
105 21.3 0.3 40.3
51 25.1 5.8 45.8

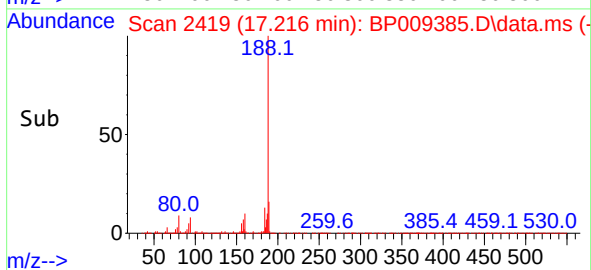
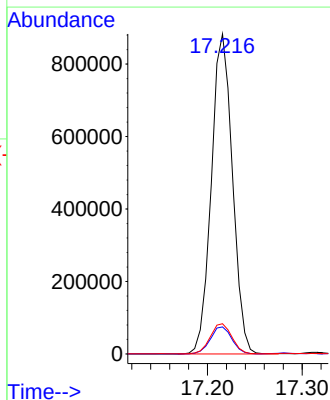
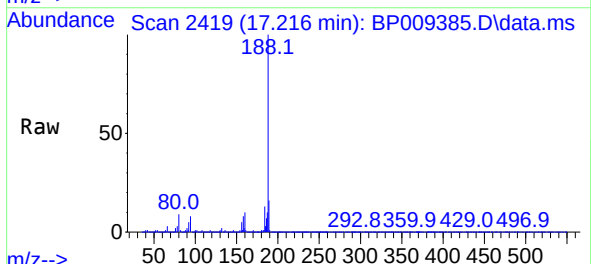
Manual Integrations
APPROVED

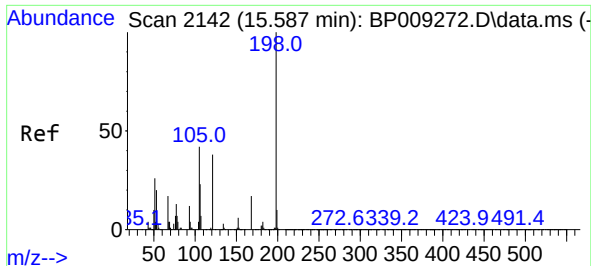
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.216 min Scan# 2419
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

Tgt Ion:188 Resp: 1371178
Ion Ratio Lower Upper
188 100
94 8.4 7.9 11.9
80 9.5 8.8 13.2





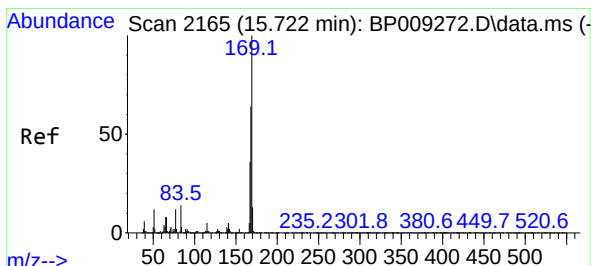
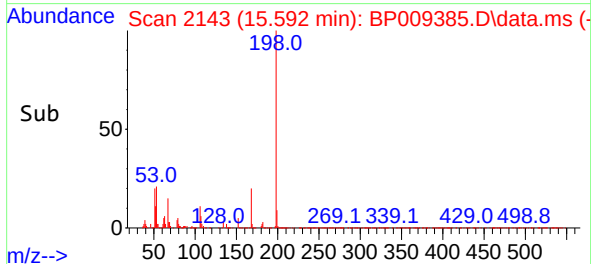
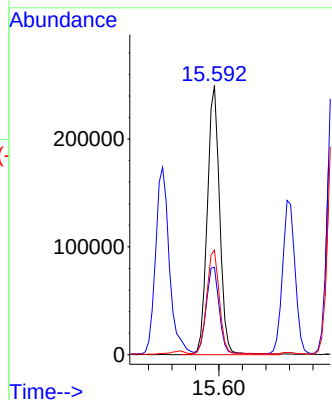
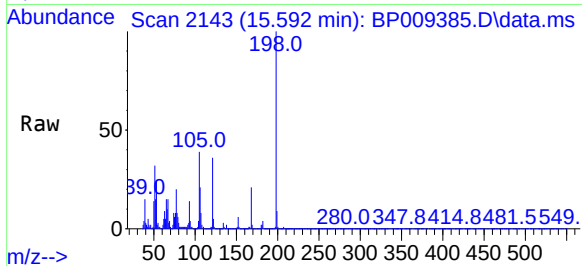
#65
4,6-Dinitro-2-methylphenol
Concen: 60.136 ng
RT: 15.592 min Scan# 2143
Delta R.T. 0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD

Tgt Ion:198 Resp: 362694
Ion Ratio Lower Upper
198 100
51 32.5 17.7 57.7
105 38.9 23.2 63.2

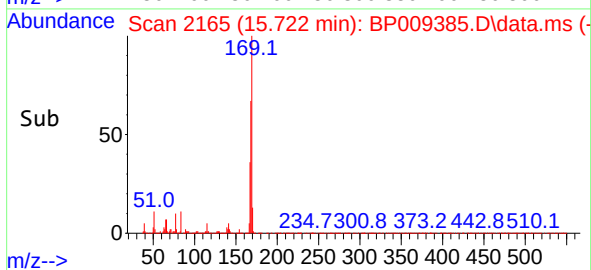
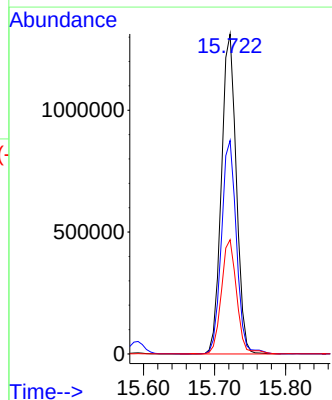
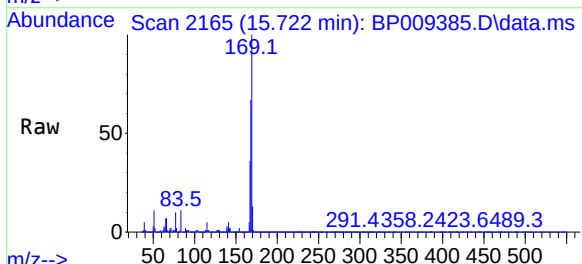
Manual Integrations
APPROVED

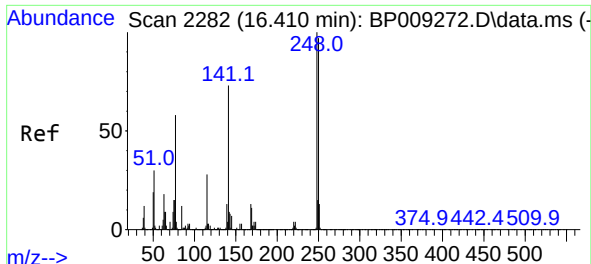
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#66
n-Nitrosodiphenylamine
Concen: 44.132 ng
RT: 15.722 min Scan# 2165
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

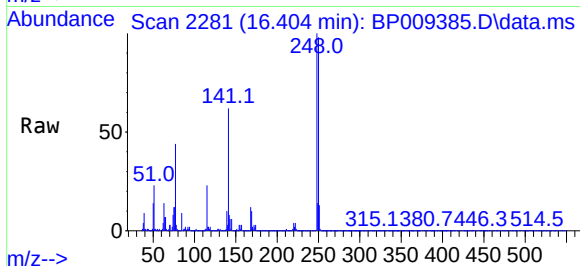
Tgt Ion:169 Resp: 1899532
Ion Ratio Lower Upper
169 100
168 66.7 51.6 77.4
167 35.7 29.0 43.4





#67
4-Bromophenyl-phenylether
Concen: 50.159 ng
RT: 16.404 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

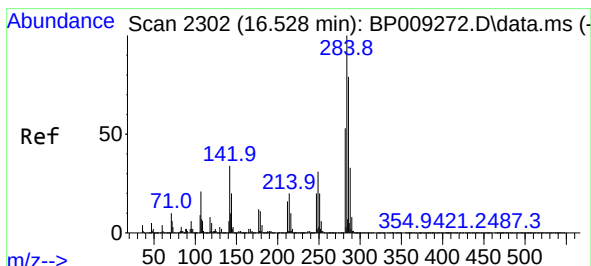
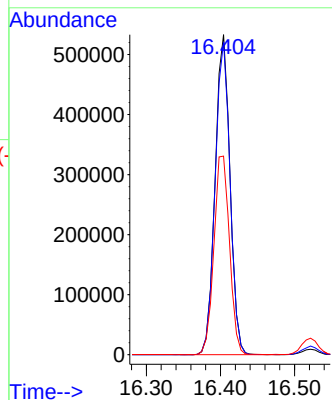
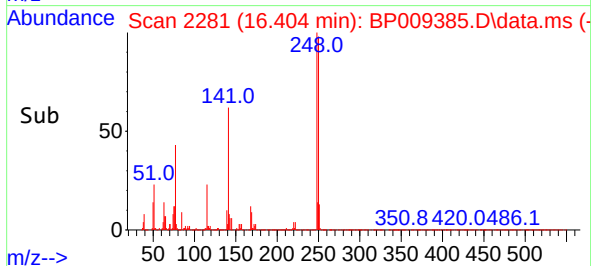
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



Tgt Ion:248 Resp: 74202
Ion Ratio Lower Upper
248 100
250 97.7 77.7 116.5
141 62.0 58.3 87.5

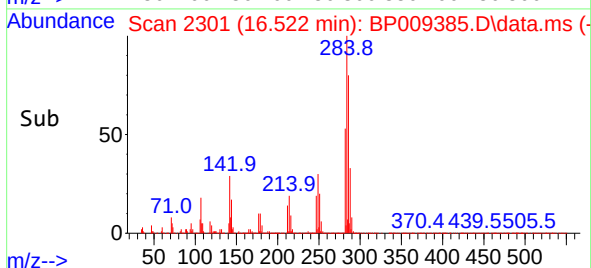
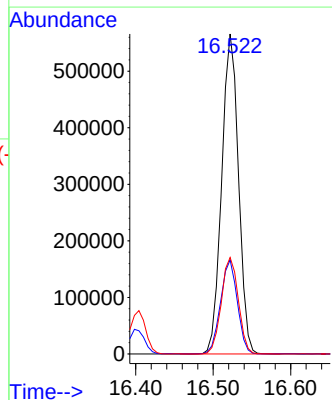
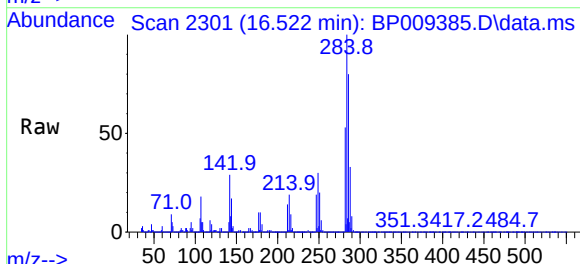
Manual Integrations
APPROVED

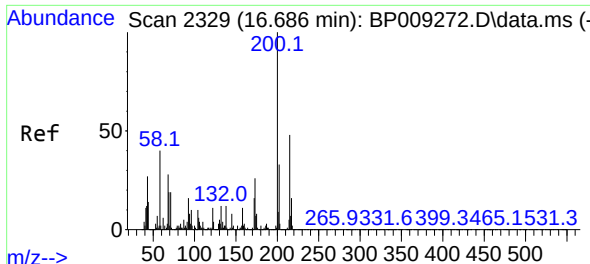
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#68
Hexachlorobenzene
Concen: 49.186 ng
RT: 16.522 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

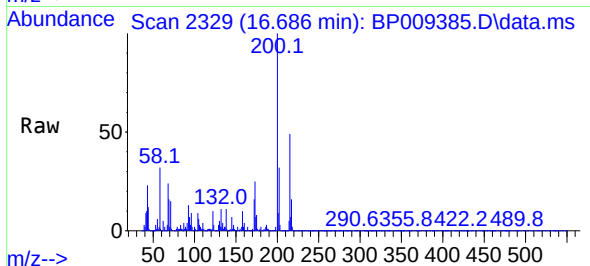
Tgt Ion:284 Resp: 853441
Ion Ratio Lower Upper
284 100
142 29.4 26.8 40.2
249 30.2 24.6 37.0





#69
Atrazine
Concen: 44.372 ng
RT: 16.686 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

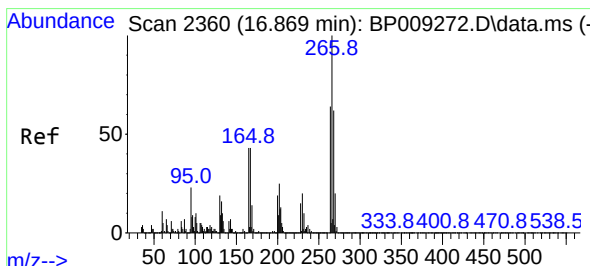
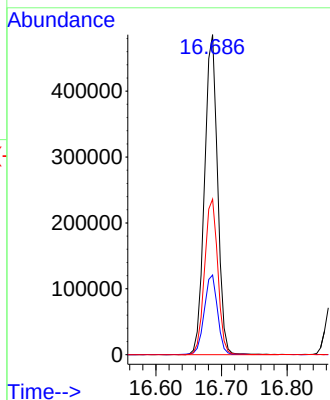
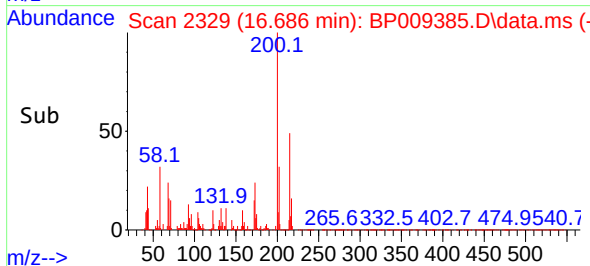
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



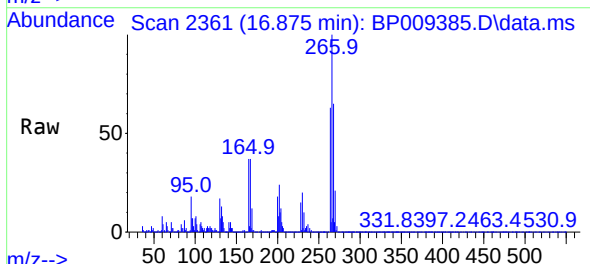
Tgt Ion:200 Resp: 672299
Ion Ratio Lower Upper
200 100
173 24.9 6.2 46.2
215 48.6 28.5 68.5

Manual Integrations
APPROVED

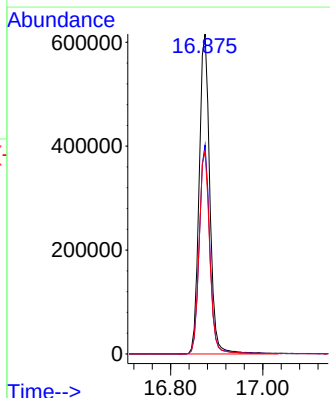
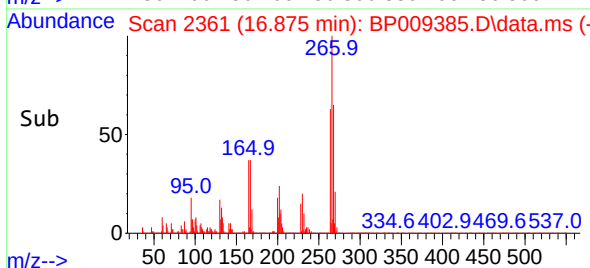
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

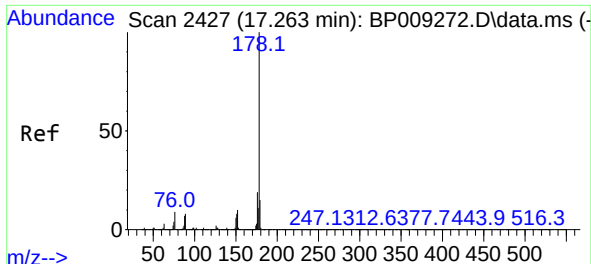


#70
Pentachlorophenol
Concen: 94.778 ng
RT: 16.875 min Scan# 2361
Delta R.T. 0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



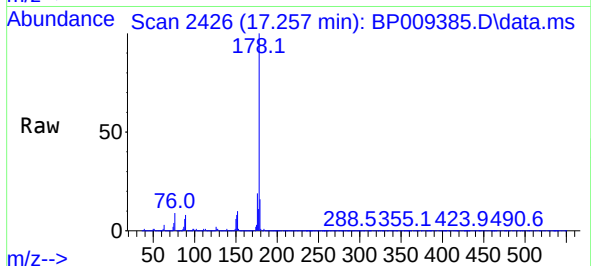
Tgt Ion:266 Resp: 989817
Ion Ratio Lower Upper
266 100
268 65.3 49.8 74.8
264 63.3 50.9 76.3





#71
Phenanthrene
Concen: 42.691 ng
RT: 17.257 min Scan# 2427
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

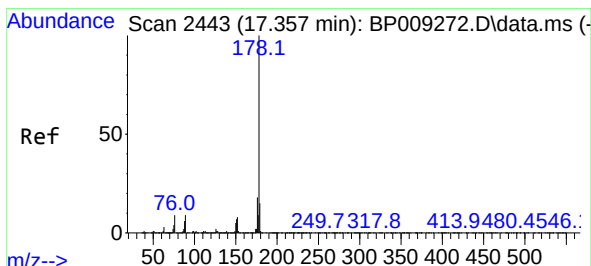
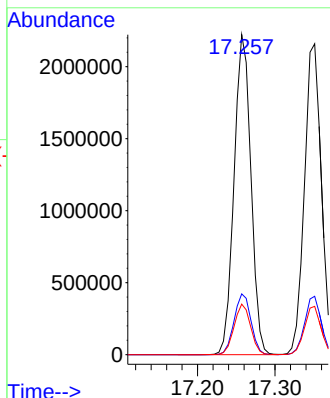
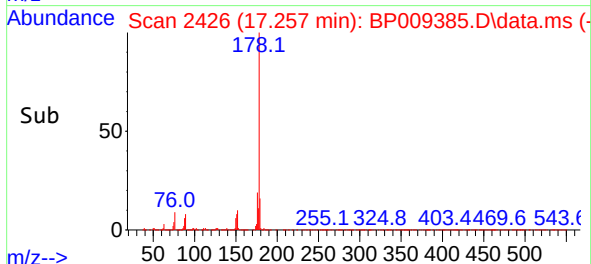
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



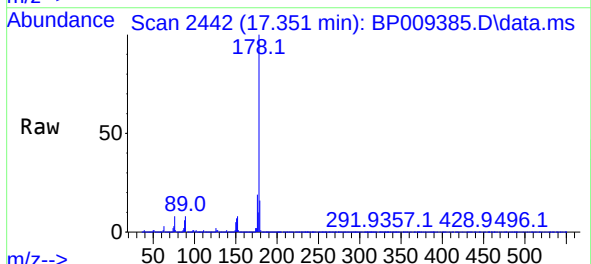
Tgt Ion:178 Resp: 3364110
Ion Ratio Lower Upper
178 100
176 19.0 15.4 23.2
179 15.8 12.3 18.5

Manual Integrations
APPROVED

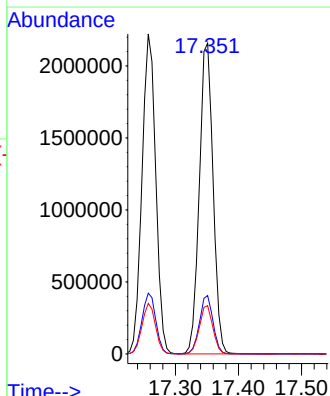
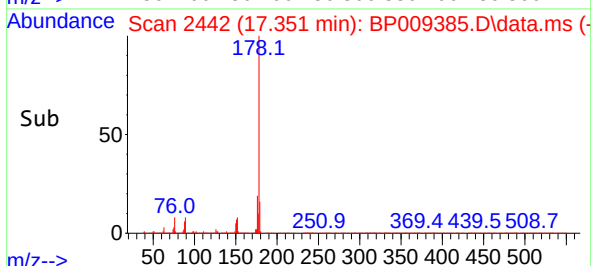
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

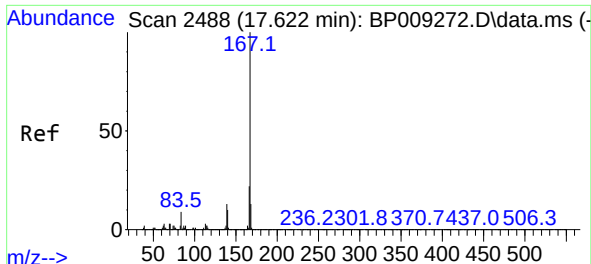


#72
Anthracene
Concen: 41.714 ng
RT: 17.351 min Scan# 2442
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



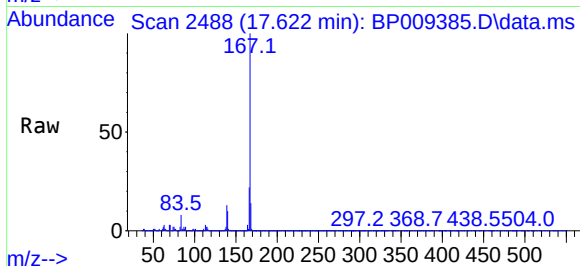
Tgt Ion:178 Resp: 3271908
Ion Ratio Lower Upper
178 100
176 18.8 14.8 22.2
179 15.6 12.2 18.4





#73
 Carbazole
 Concen: 40.994 ng
 RT: 17.622 min Scan# 2488
 Delta R.T. -0.000 min
 Lab File: BP009385.D
 Acq: 14 Mar 2022 16:52

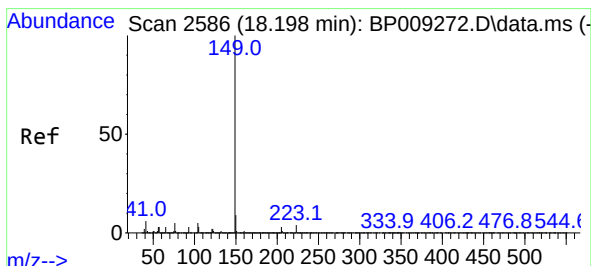
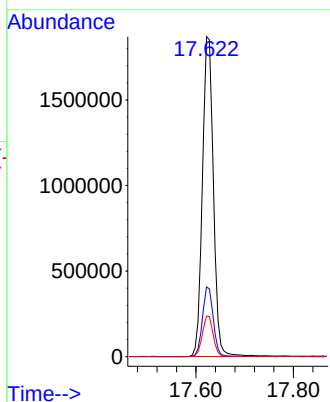
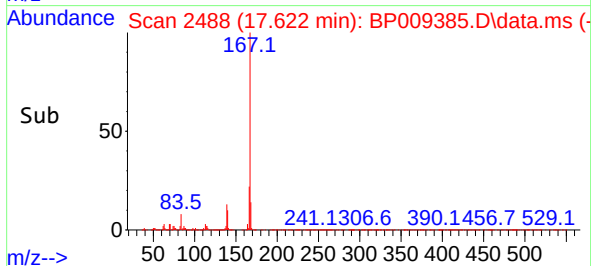
Instrument :
 BNA_P
 ClientSampleId :
 SS-2(PILE-2)MSD



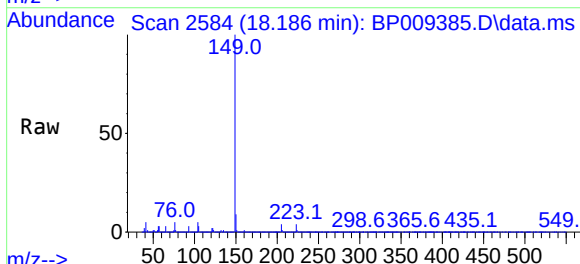
Tgt Ion:167 Resp: 292986
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.2 25.8
 139 12.7 10.3 15.5

Manual Integrations
 APPROVED

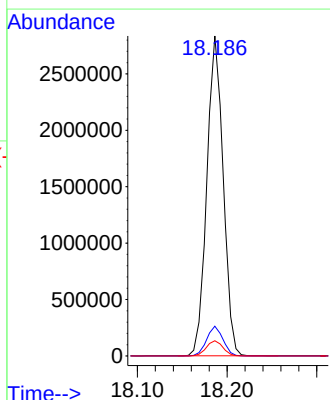
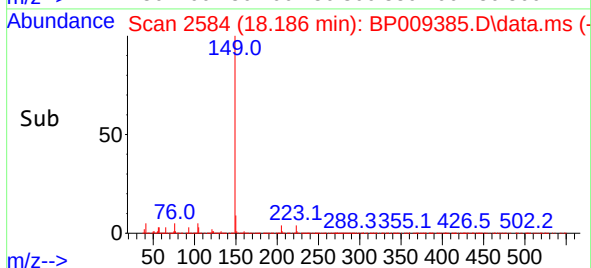
Reviewed By :Christian Giraldo 03/15/2022
 Supervised By :mohammad ahmed 03/16/2022

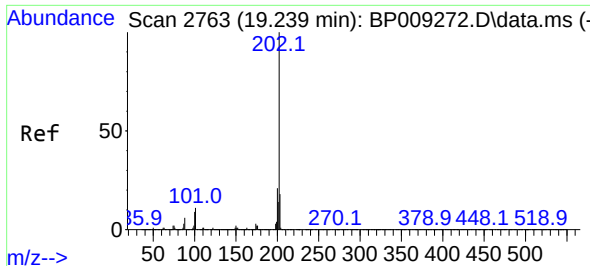


#74
 Di-n-butylphthalate
 Concen: 45.322 ng
 RT: 18.186 min Scan# 2584
 Delta R.T. -0.012 min
 Lab File: BP009385.D
 Acq: 14 Mar 2022 16:52



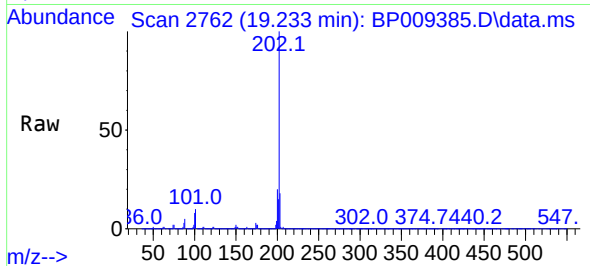
Tgt Ion:149 Resp: 3585167
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.3 10.9
 104 4.8 4.2 6.2





#75
Fluoranthene
Concen: 42.133 ng
RT: 19.233 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

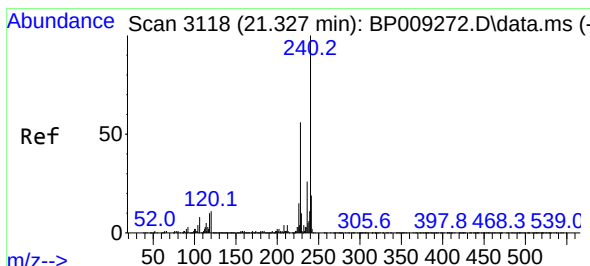
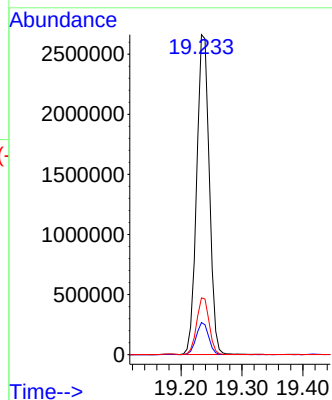
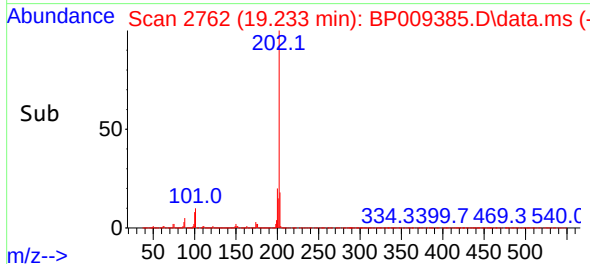
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



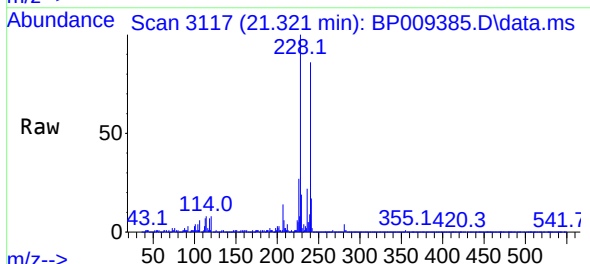
Tgt Ion:202 Resp: 383226
Ion Ratio Lower Upper
202 100
101 10.0 0.0 31.5
203 17.8 0.0 37.8

Manual Integrations
APPROVED

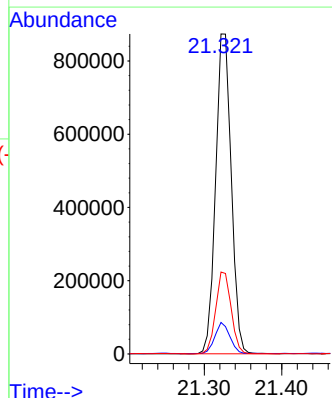
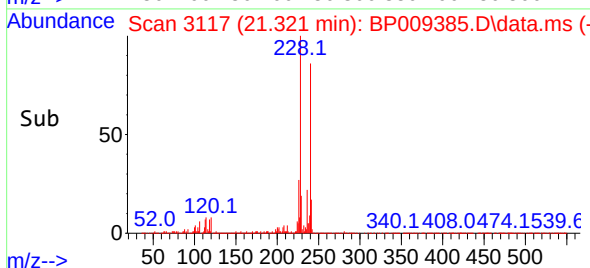
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

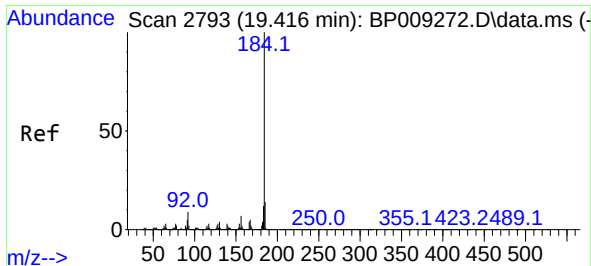


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.321 min Scan# 3117
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



Tgt Ion:240 Resp: 1221213
Ion Ratio Lower Upper
240 100
120 9.8 9.0 13.4
236 25.6 20.6 30.8





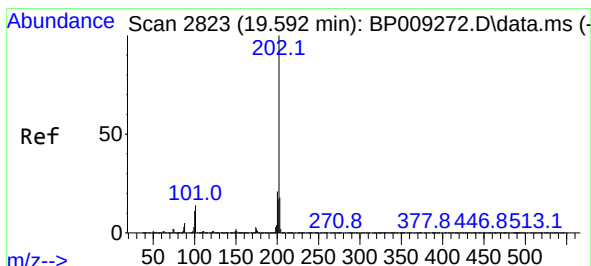
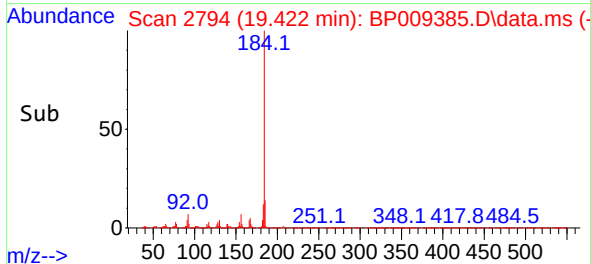
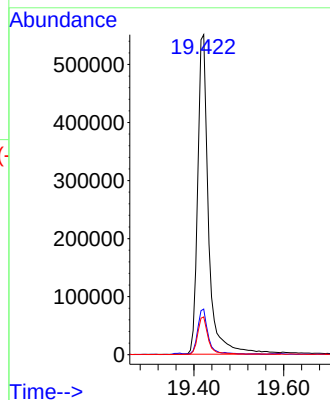
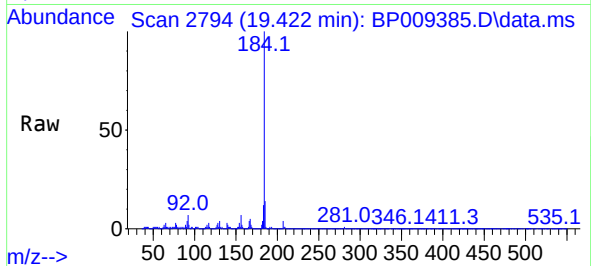
#77
Benzidine
Concen: 21.767 ng
RT: 19.422 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD

Tgt Ion:184 Resp: 92783
Ion Ratio Lower Upper
184 100
185 14.2 11.5 17.3
183 11.8 9.4 14.0

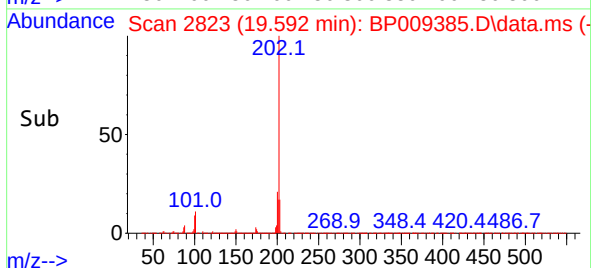
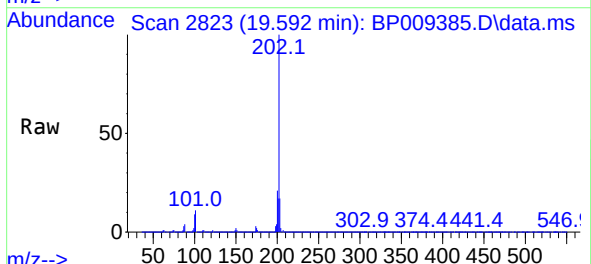
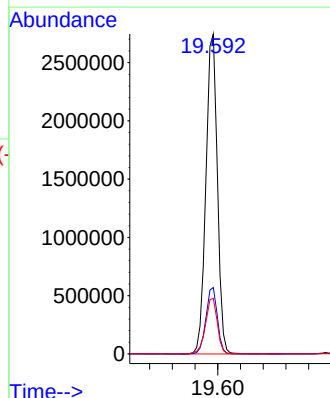
Manual Integrations
APPROVED

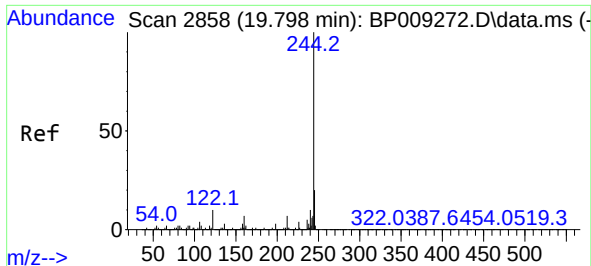
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#78
Pyrene
Concen: 46.447 ng
RT: 19.592 min Scan# 2823
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

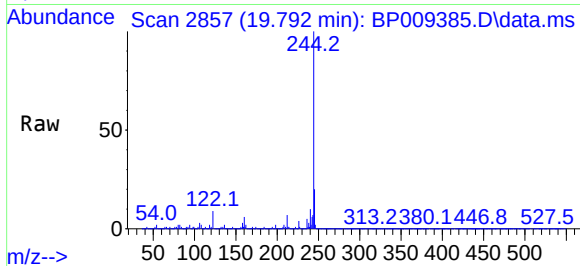
Tgt Ion:202 Resp: 3829698
Ion Ratio Lower Upper
202 100
200 20.8 16.8 25.2
203 17.3 14.2 21.4





#79
Terphenyl-d14
Concen: 50.647 ng
RT: 19.792 min Scan# 2858
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

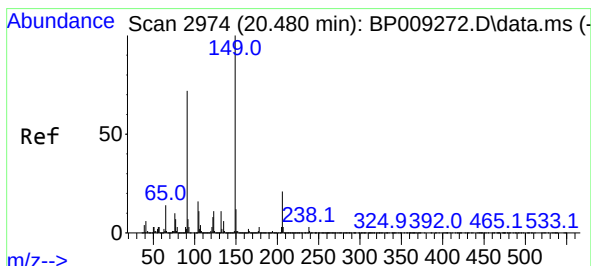
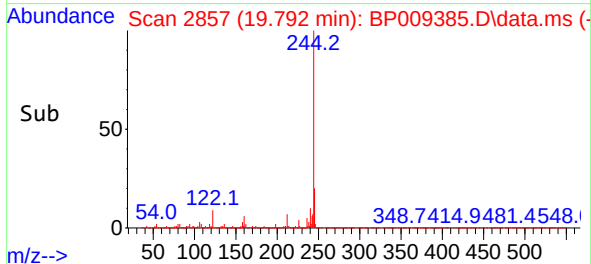
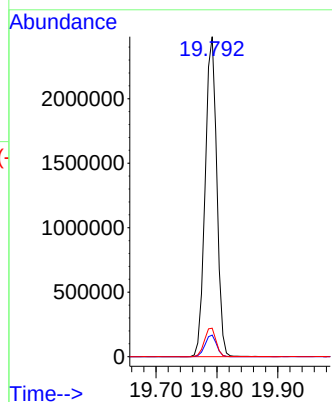
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



Tgt Ion:244 Resp: 327753
Ion Ratio Lower Upper
244 100
212 6.7 5.8 8.6
122 8.9 8.3 12.5

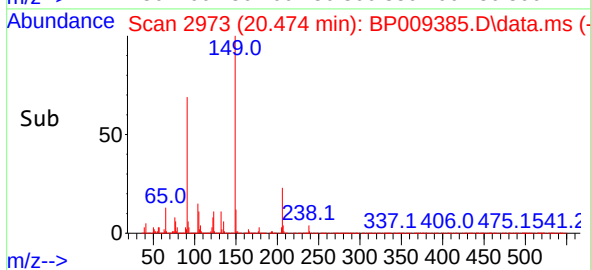
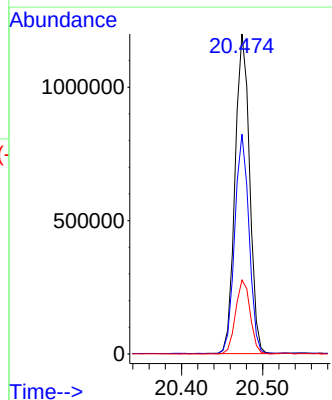
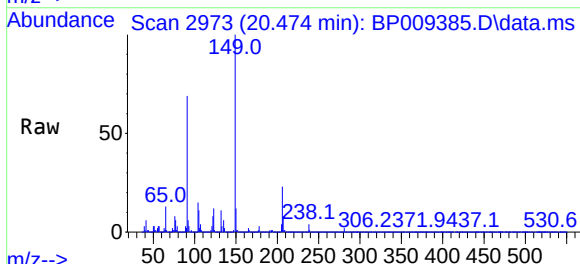
Manual Integrations
APPROVED

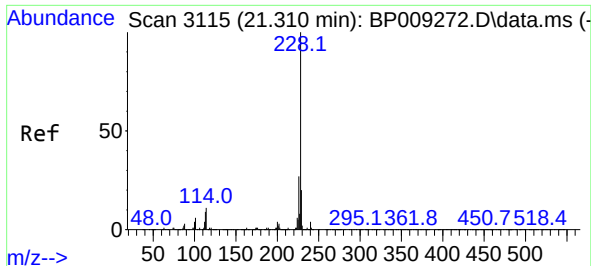
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#80
Butylbenzylphthalate
Concen: 49.871 ng
RT: 20.474 min Scan# 2973
Delta R.T. -0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

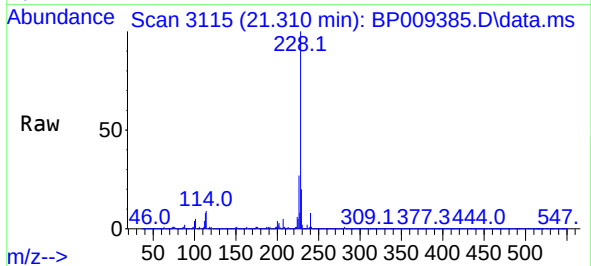
Tgt Ion:149 Resp: 1484210
Ion Ratio Lower Upper
149 100
91 68.6 57.9 86.9
206 23.1 16.9 25.3





#81
Benzo(a)anthracene
Concen: 43.975 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

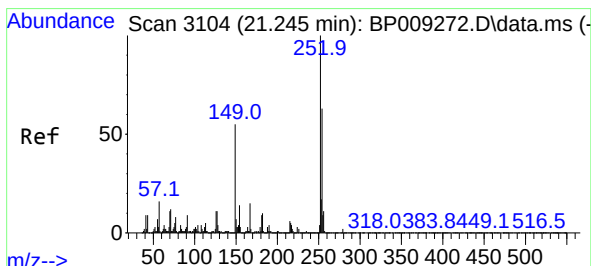
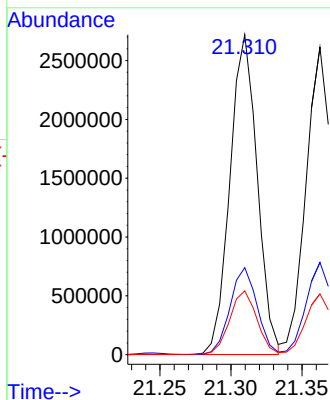
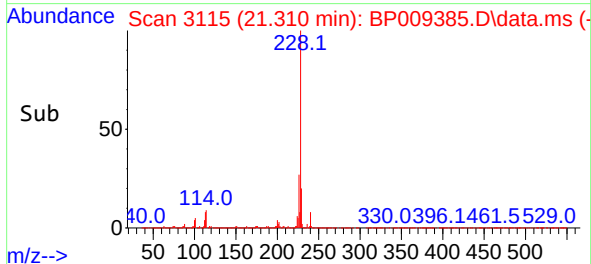
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



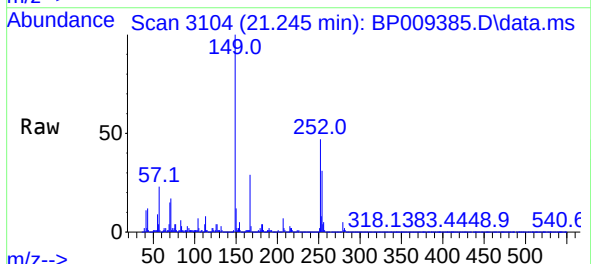
Tgt Ion:228 Resp: 363992
Ion Ratio Lower Upper
228 100
226 27.2 22.0 33.0
229 20.0 16.1 24.1

Manual Integrations
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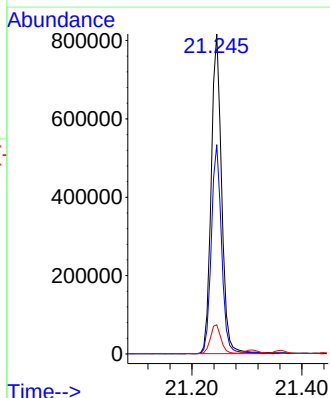
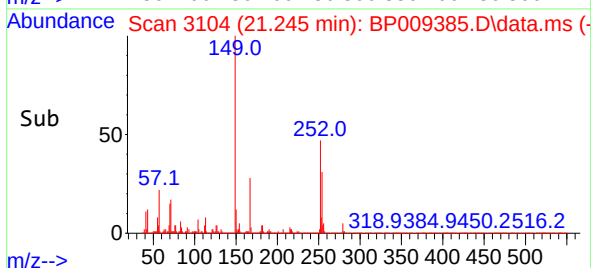
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022

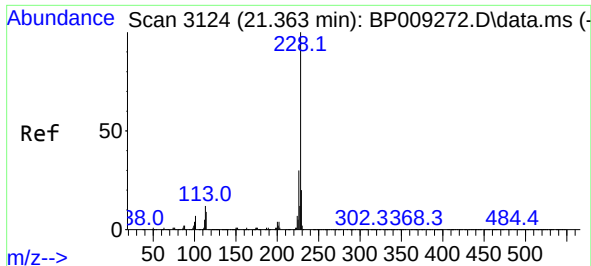


#82
3,3'-Dichlorobenzidine
Concen: 35.409 ng
RT: 21.245 min Scan# 3104
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



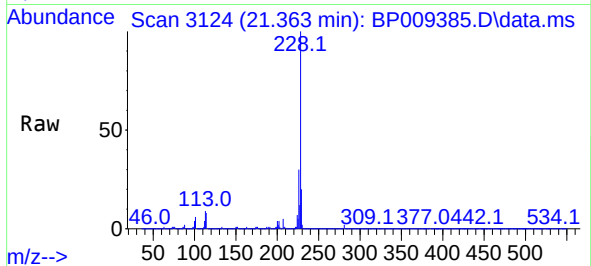
Tgt Ion:252 Resp: 1075893
Ion Ratio Lower Upper
252 100
254 65.4 50.7 76.1
126 9.1 8.9 13.3





#83
Chrysene
Concen: 42.083 ng
RT: 21.363 min Scan# 3124
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

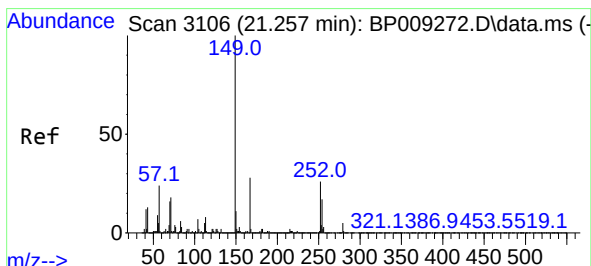
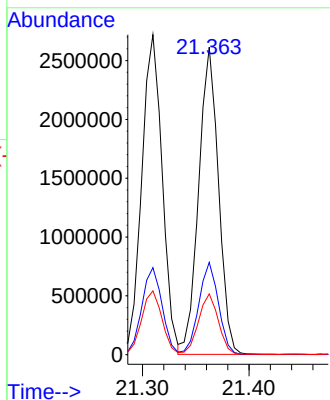
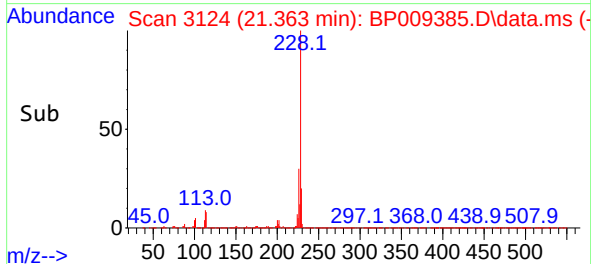
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



Tgt Ion:228 Resp: 338202
Ion Ratio Lower Upper
228 100
226 30.0 24.2 36.2
229 19.8 16.1 24.1

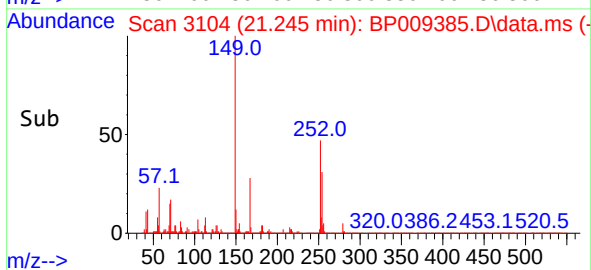
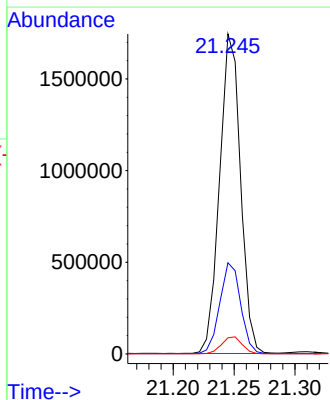
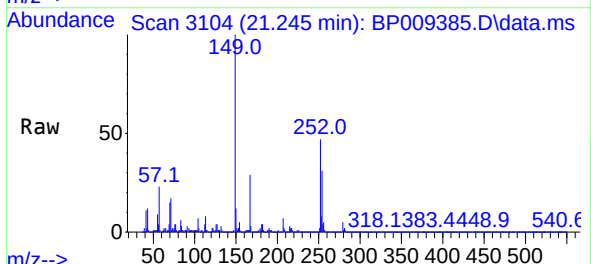
Manual Integrations
APPROVED

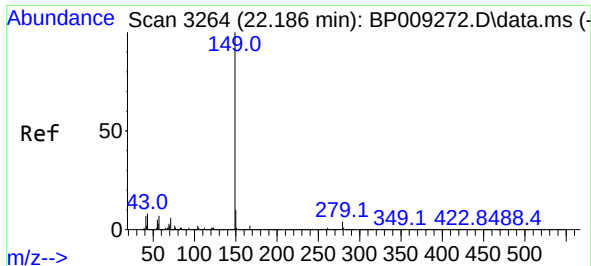
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 43.757 ng
RT: 21.245 min Scan# 3104
Delta R.T. -0.012 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

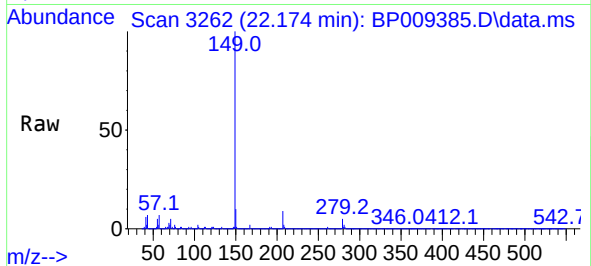
Tgt Ion:149 Resp: 2082775
Ion Ratio Lower Upper
149 100
167 28.5 22.6 33.8
279 5.1 3.8 5.6





#85
Di-n-octyl phthalate
Concen: 45.672 ng
RT: 22.174 min Scan# 31
Delta R.T. -0.012 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

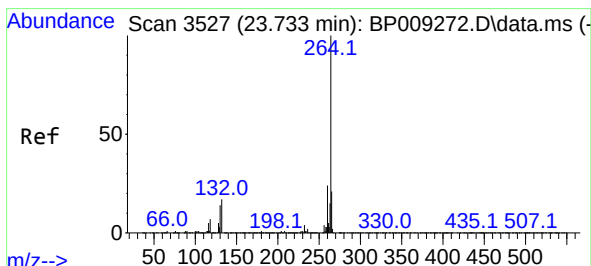
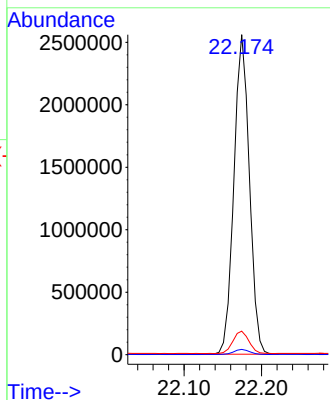
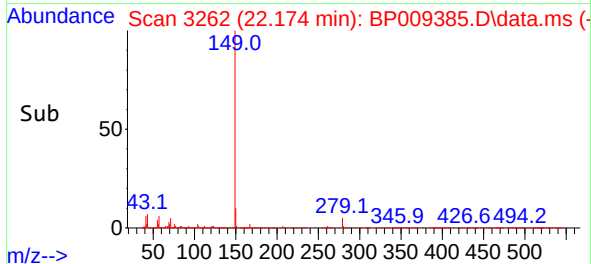
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



Tgt Ion:149 Resp: 3559180
Ion Ratio Lower Upper
149 100
167 1.7 1.3 1.9
43 7.3 6.9 10.3

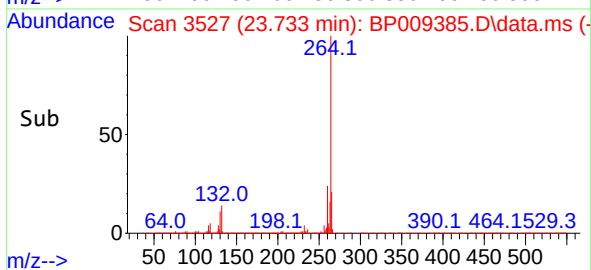
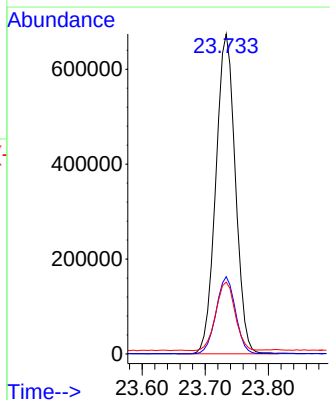
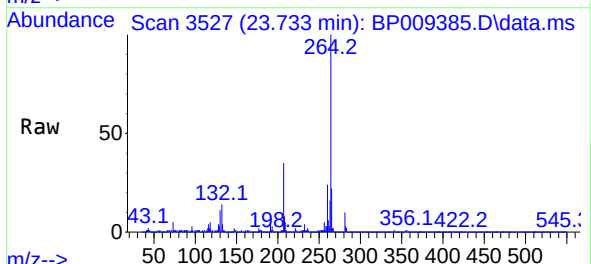
Manual Integrations
APPROVED

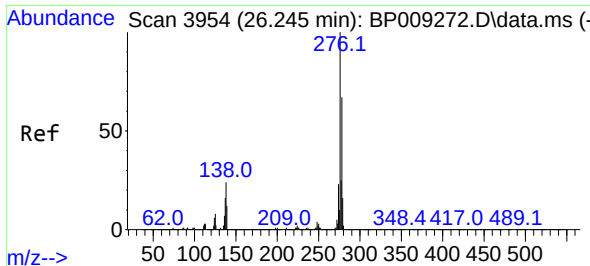
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.733 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

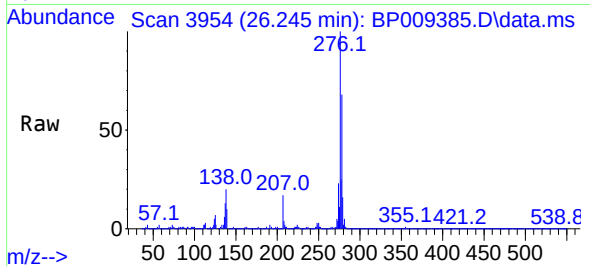
Tgt Ion:264 Resp: 1446689
Ion Ratio Lower Upper
264 100
260 24.2 19.4 29.0
265 22.5 17.2 25.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 47.594 ng
RT: 26.245 min Scan# 3954
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

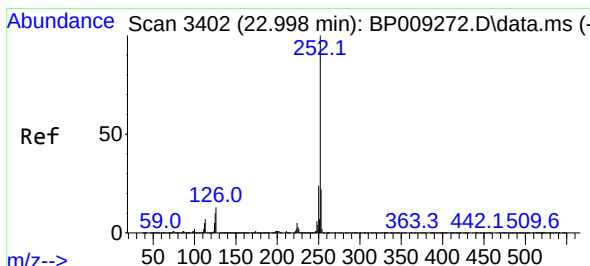
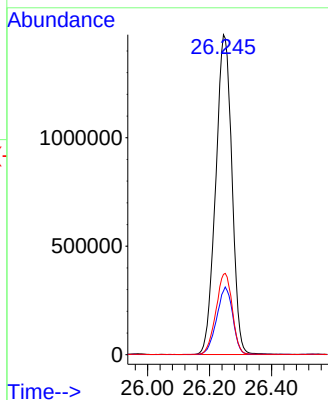
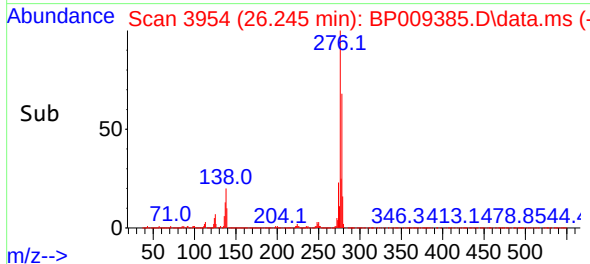
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



Tgt Ion: 276 Resp: 534963
Ion Ratio Lower Upper
276 100
138 20.8 20.5 30.7
277 25.5 20.4 30.6

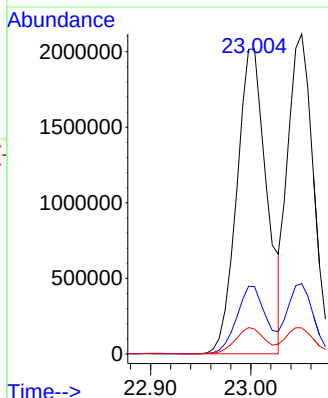
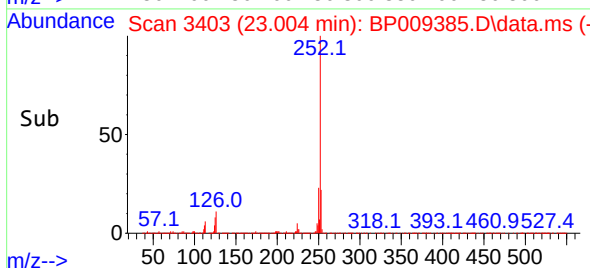
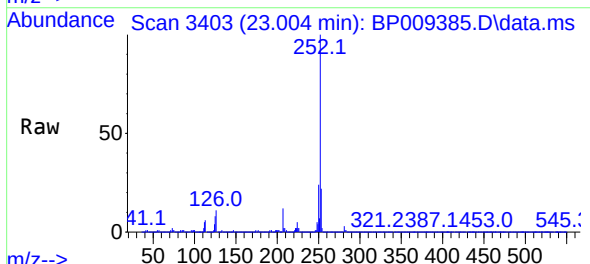
Manual Integrations
APPROVED

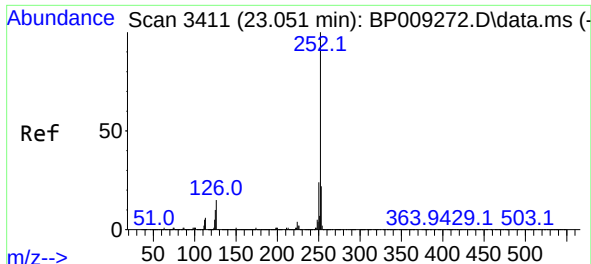
Reviewed By : Christian Giraldo 03/15/2022
Supervised By : mohammad ahmed 03/16/2022



#88
Benzo(b)fluoranthene
Concen: 42.900 ng
RT: 23.004 min Scan# 3403
Delta R.T. 0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

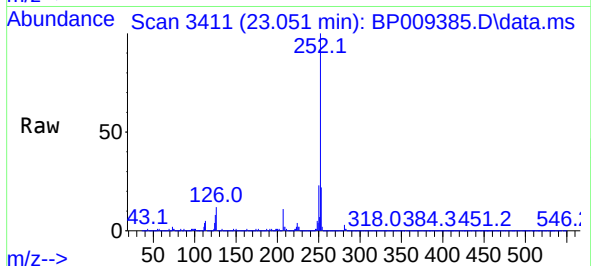
Tgt Ion: 252 Resp: 4190432
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 8.2 8.1 12.1





#89
Benzo(k)fluoranthene
Concen: 39.892 ng
RT: 23.051 min Scan# 3411
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

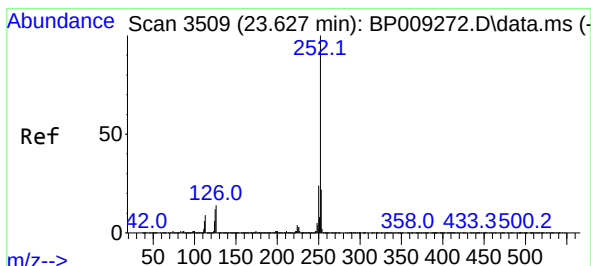
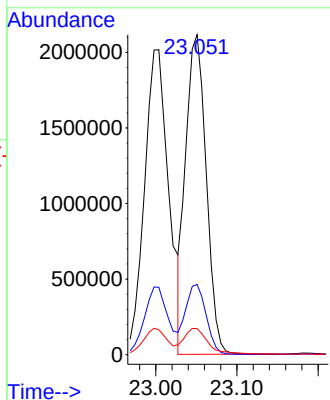
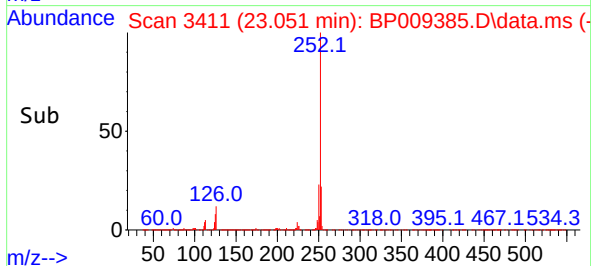
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



Tgt Ion:252 Resp: 372257
Ion Ratio Lower Upper
252 100
253 22.0 17.5 26.3
125 8.2 8.3 12.5

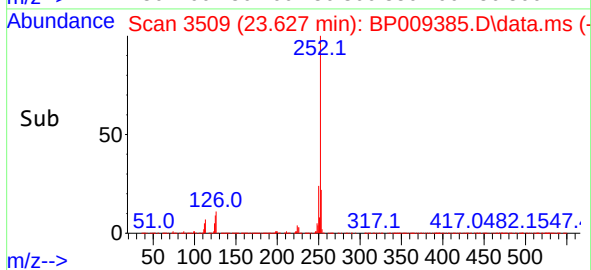
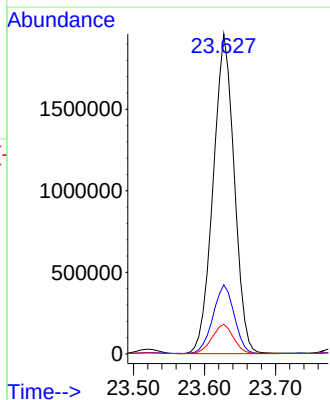
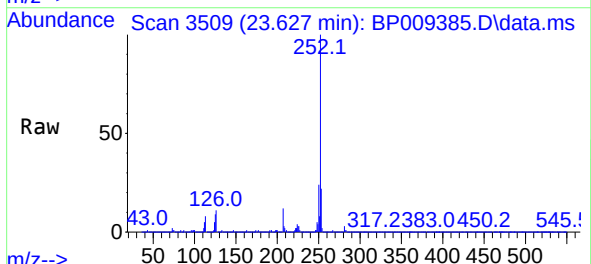
Manual Integrations
APPROVED

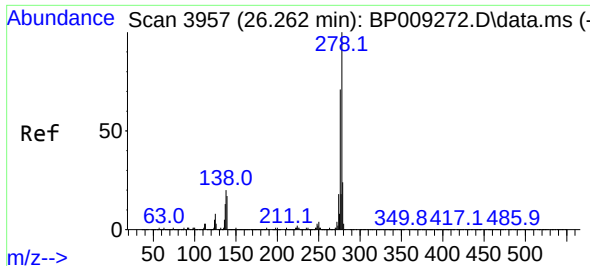
Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#90
Benzo(a)pyrene
Concen: 43.514 ng
RT: 23.627 min Scan# 3509
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

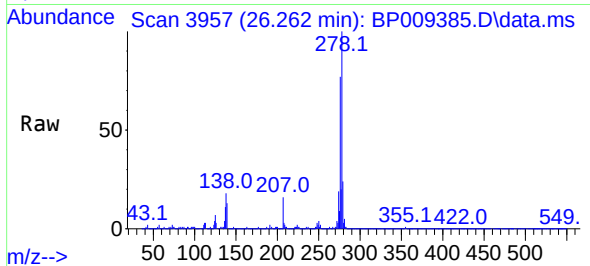
Tgt Ion:252 Resp: 4031267
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 9.3 9.3 13.9





#91
Dibenzo(a,h)anthracene
Concen: 48.406 ng
RT: 26.262 min Scan# 3957
Delta R.T. -0.000 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52

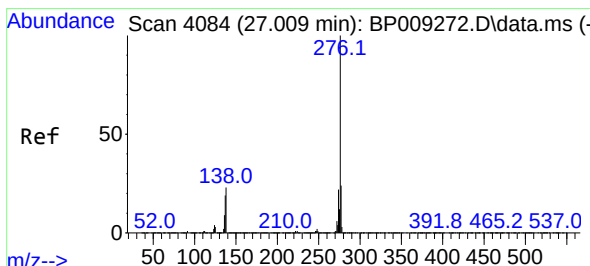
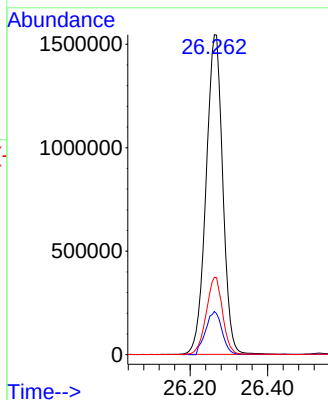
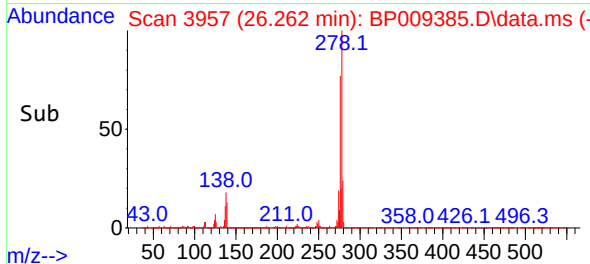
Instrument :
BNA_P
ClientSampleId :
SS-2(PILE-2)MSD



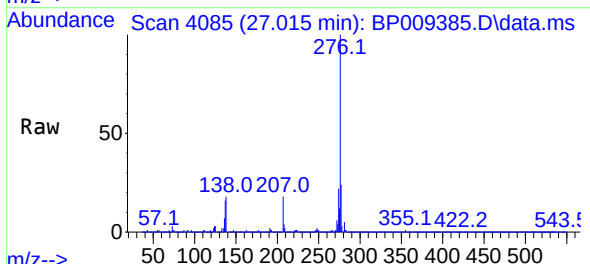
Tgt Ion:278 Resp: 4613508
Ion Ratio Lower Upper
278 100
139 13.5 13.2 19.8
279 24.2 19.2 28.8

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 03/15/2022
Supervised By :mohammad ahmed 03/16/2022



#92
Benzo(g,h,i)perylene
Concen: 50.607 ng
RT: 27.015 min Scan# 4085
Delta R.T. 0.006 min
Lab File: BP009385.D
Acq: 14 Mar 2022 16:52



Tgt Ion:276 Resp: 4764938
Ion Ratio Lower Upper
276 100
277 24.1 19.2 28.8
138 17.6 18.0 27.0#

