

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
 Data File : BP005510.D
 Acq On : 12 May 2021 18:33
 Operator : CG/JU
 Sample : M2364-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AST2-COPR4-1MSD

Manual Integrations
 APPROVED

Sohil
 5/13/2021 2:51:59 PM

Quant Time: May 12 19:08:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.693	152	13991	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	38681	20.00	ng	#-0.01
39) Acenaphthene-d10	14.339	164	27700	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	65327	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	79645	20.00	ng	# 0.00
86) Perylene-d12	23.510	264	97846	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.293	112	120835	165.75	ng	0.00
7) Phenol-d6	6.893	99	99499	109.45	ng	0.00
23) Nitrobenzene-d5	8.863	82	99551	101.30	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	88877	113.07	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	226842	92.38	ng	0.00
79) Terphenyl-d14	19.674	244	447174	95.35	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.193	88	31160	118.00	ng	# 54
3) Pyridine	3.611	79	48428	75.02	ng	# 85
4) n-Nitrosodimethylamine	3.511	42	42142	81.18	ng	# 17
6) Aniline	7.034	93	8797	8.97	ng	# 75
8) 2-Chlorophenol	7.263	128	35556	45.41	ng	91
9) Benzaldehyde	6.846	77	30560	68.51	ng	# 71
10) Phenol	6.916	94	35463	39.00	ng	# 41
11) bis(2-Chloroethyl)ether	7.128	93	30015	47.80	ng	100
12) 1,3-Dichlorobenzene	7.575	146	45252	43.44	ng	# 87
13) 1,4-Dichlorobenzene	7.728	146	45379	43.70	ng	94
14) 1,2-Dichlorobenzene	8.040	146	40714	40.91	ng	97
15) Benzyl Alcohol	7.952	79	40378	46.04	ng	# 78
16) 2,2'-oxybis(1-Chloropr...	8.222	45	14081	45.41	ng	74
17) 2-Methylphenol	8.163	107	25032	40.09	ng	# 79
18) Hexachloroethane	8.751	117	19361	45.01	ng	92
19) n-Nitroso-di-n-propyla...	8.510	70	29773	44.73	ng	98
20) 3+4-Methylphenols	8.493	107	31752	38.25	ng	# 83
22) Acetophenone	8.528	105	54909	50.32	ng	# 86
24) Nitrobenzene	8.904	77	48698	49.40	ng	# 90
25) Isophorone	9.428	82	65896	43.30	ng	# 96
26) 2-Nitrophenol	9.610	139	17708	42.90	ng	# 72
27) 2,4-Dimethylphenol	9.687	122	25349	46.39	ng	# 80
28) bis(2-Chloroethoxy)met...	9.910	93	31737	49.82	ng	96
29) 2,4-Dichlorophenol	10.157	162	35510	41.38	ng	92
30) 1,2,4-Trichlorobenzene	10.351	180	50371	45.96	ng	98
31) Naphthalene	10.534	128	91794	44.13	ng	95
32) Benzoic acid	9.881	122	12662	30.00	ng	# 78
33) 4-Chloroaniline	10.681	127	4116	5.08	ng	# 89
34) Hexachlorobutadiene	10.810	225	45007	49.24	ng	98
35) Caprolactam	11.475	113	5197m	26.32	ng	
36) 4-Chloro-3-methylphenol	11.810	107	28942	37.84	ng	97
37) 2-Methylnaphthalene	12.151	142	69262	41.51	ng	96
38) 1-Methylnaphthalene	12.375	142	64225	40.77	ng	95
40) 1,2,4,5-Tetrachloroben...	12.528	216	65853	51.74	ng	99
41) Hexachlorocyclopentadiene	12.492	237	69056	124.24	ng	99
43) 2,4,6-Trichlorophenol	12.781	196	35786	45.01	ng	89

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
 Data File : BP005510.D
 Acq On : 12 May 2021 18:33
 Operator : CG/JU
 Sample : M2364-02MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AST2-COPR4-1MSD

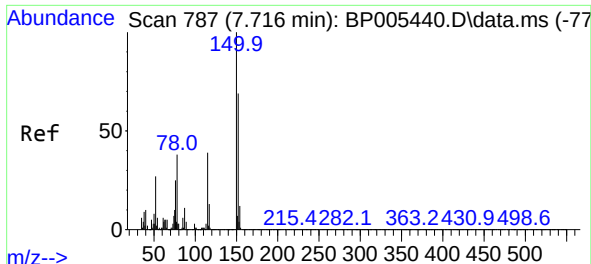
Manual Integrations
 APPROVED

Sohil
 5/13/2021 2:51:59 PM

Quant Time: May 12 19:08:48 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP050521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue May 11 11:20:59 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	36141	42.12	ng	95
46) 1,1'-Biphenyl	13.175	154	99718	46.76	ng	95
47) 2-Chloronaphthalene	13.216	162	79690	44.88	ng	98
48) 2-Nitroaniline	13.439	65	21960	43.53	ng	89
49) Acenaphthylene	14.063	152	112985	44.16	ng	98
50) Dimethylphthalate	13.816	163	116183	48.59	ng	100
51) 2,6-Dinitrotoluene	13.939	165	20426	38.04	ng	96
52) Acenaphthene	14.404	154	67066	42.14	ng	97
53) 3-Nitroaniline	14.275	138	3401	8.84	ng	# 91
54) 2,4-Dinitrophenol	14.498	184	25169	77.71	ng	# 78
55) Dibenzofuran	14.745	168	127540	42.60	ng	95
56) 4-Nitrophenol	14.616	139	18023	62.06	ng	# 64
57) 2,4-Dinitrotoluene	14.734	165	29050	36.70	ng	# 87
58) Fluorene	15.398	166	104762	42.85	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.981	232	35525	41.41	ng	99
60) Diethylphthalate	15.181	149	98803	42.66	ng	98
61) 4-Chlorophenyl-phenyle...	15.392	204	71724	46.89	ng	99
62) 4-Nitroaniline	15.445	138	11078	29.97	ng	# 77
63) Azobenzene	15.686	77	111867	46.86	ng	89
65) 4,6-Dinitro-2-methylph...	15.504	198	19035	36.77	ng	91
66) n-Nitrosodiphenylamine	15.616	169	83731	43.92	ng	93
67) 4-Bromophenyl-phenylether	16.286	248	49515	48.56	ng	97
68) Hexachlorobenzene	16.398	284	57951	44.81	ng	96
69) Atrazine	16.580	200	41193	46.25	ng	97
70) Pentachlorophenol	16.757	266	59007	86.00	ng	96
71) Phenanthrene	17.139	178	160466	43.23	ng	99
72) Anthracene	17.233	178	165685	44.98	ng	98
73) Carbazole	17.516	167	124101	38.25	ng	100
74) Di-n-butylphthalate	18.069	149	156342	43.90	ng	# 97
75) Fluoranthene	19.122	202	210316	41.19	ng	97
77) Benzidine	19.310	184	43391	35.20	ng	98
78) Pyrene	19.469	202	214323	47.53	ng	99
80) Butylbenzylphthalate	20.351	149	69966	48.03	ng	91
81) Benzo(a)anthracene	21.186	228	235758	45.68	ng	98
82) 3,3'-Dichlorobenzidine	21.121	252	39729	20.43	ng	98
83) Chrysene	21.233	228	229319	45.84	ng	99
84) Bis(2-ethylhexyl)phtha...	21.110	149	107092	48.07	ng	# 99
85) Di-n-octyl phthalate	21.998	149	187381	50.08	ng	# 91
87) Indeno(1,2,3-cd)pyrene	25.915	276	416106	50.55	ng	# 96
88) Benzo(b)fluoranthene	22.804	252	283401	43.47	ng	# 99
89) Benzo(k)fluoranthene	22.851	252	278542	43.69	ng	# 98
90) Benzo(a)pyrene	23.410	252	273938	45.84	ng	# 97
91) Dibenzo(a,h)anthracene	25.927	278	358200	49.32	ng	# 98
92) Benzo(g,h,i)perylene	26.651	276	346891	51.62	ng	# 94

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



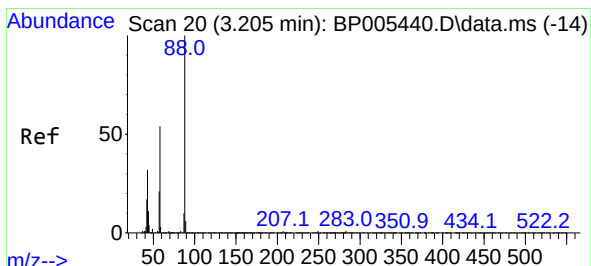
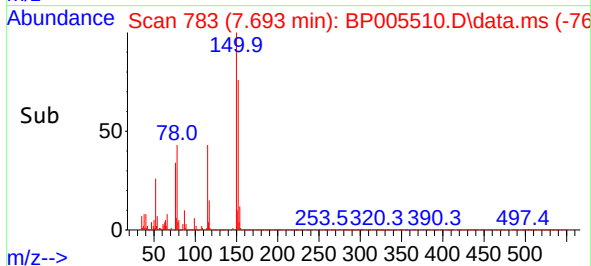
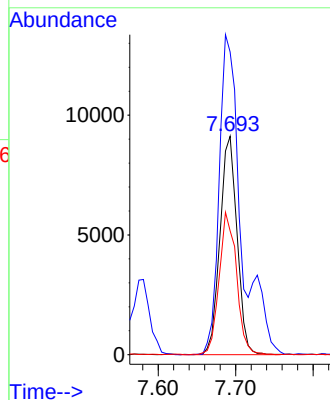
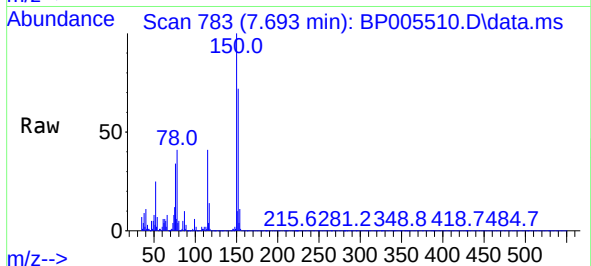
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion: 152 Resp: 13991
Ion Ratio Lower Upper
152 100
150 138.6 119.8 179.8
115 56.7 49.0 73.4

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

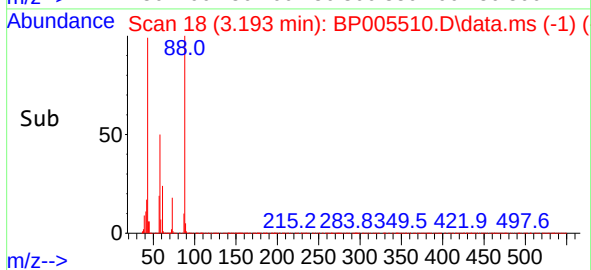
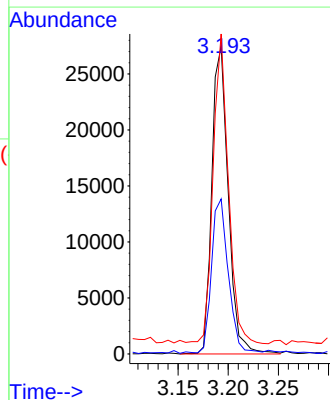
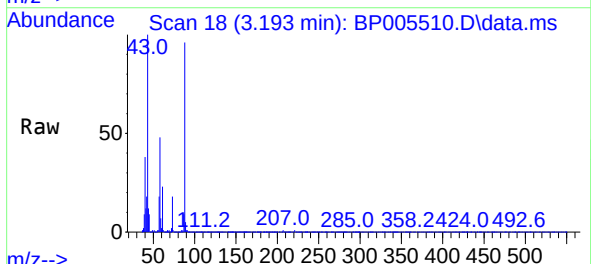
Manual Integrations
APPROVED

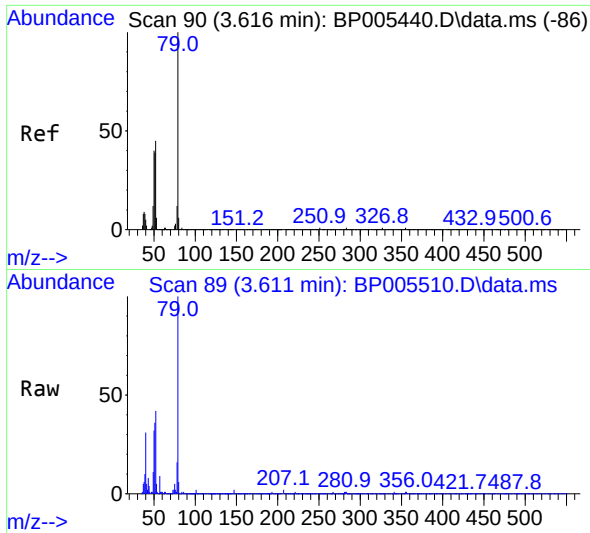
Sohil
5/13/2021 2:51:59 PM



#2
1,4-Dioxane
Concen: 118.00 ng
RT: 3.193 min Scan# 18
Delta R.T. 0.012 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion: 88 Resp: 31160
Ion Ratio Lower Upper
88 100
58 50.5 42.5 63.7
43 93.7 19.8 29.8#





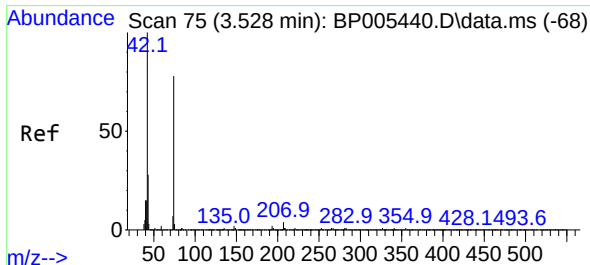
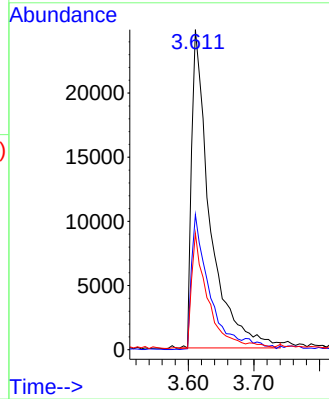
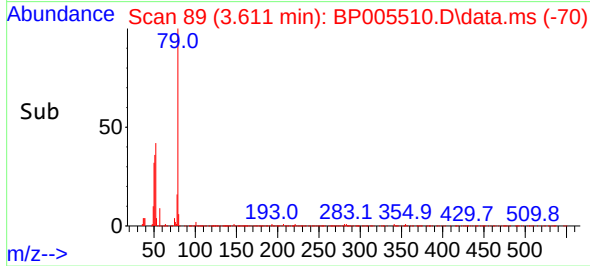
#3
Pyridine
Concen: 75.02 ng
RT: 3.611 min Scan# 89
Delta R.T. 0.012 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion	Ratio	Lower	Upper
79	100		
52	42.2	40.3	60.5
51	36.4	20.0	30.0

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

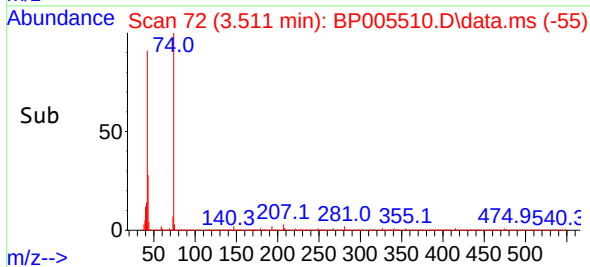
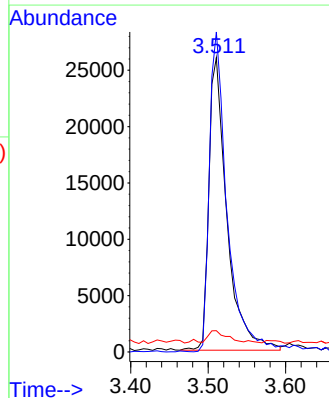
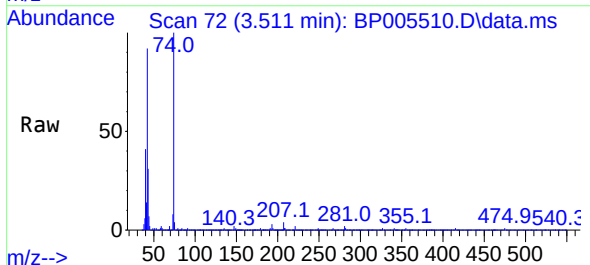
Manual Integrations
APPROVED

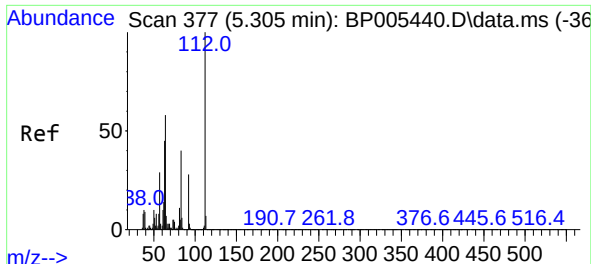
Sohil
5/13/2021 2:51:59 PM



#4
n-Nitrosodimethylamine
Concen: 81.18 ng
RT: 3.511 min Scan# 72
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion	Ratio	Lower	Upper
42	100		
74	108.8	122.6	183.8
44	7.2	146.9	220.3





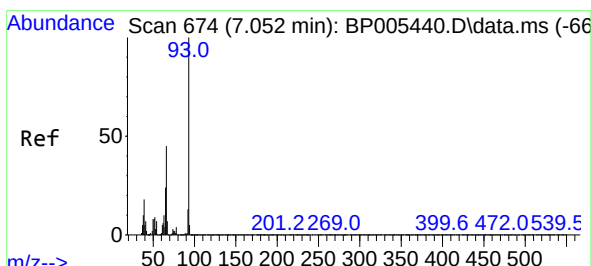
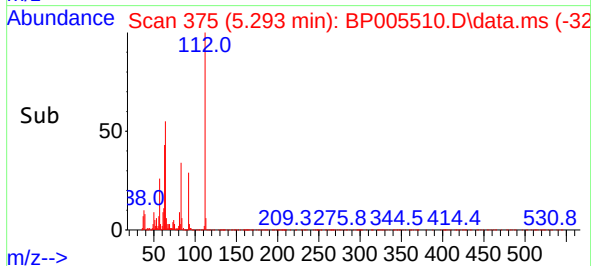
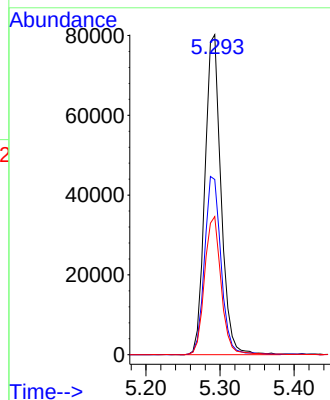
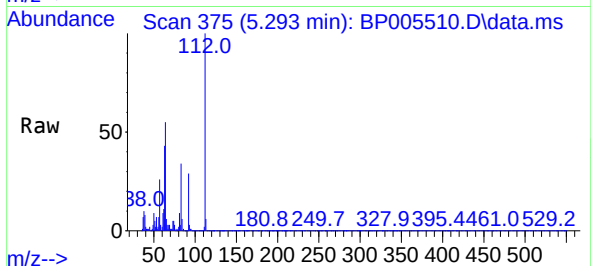
#5
2-Fluorophenol
Concen: 165.75 ng
RT: 5.293 min Scan# 375
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion: 112 Resp: 120835
Ion Ratio Lower Upper
112 100
64 54.8 33.6 50.4#
63 43.1 18.6 27.8#

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

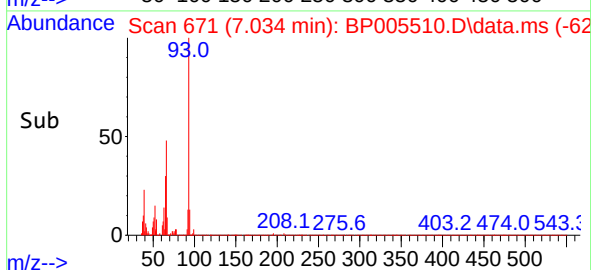
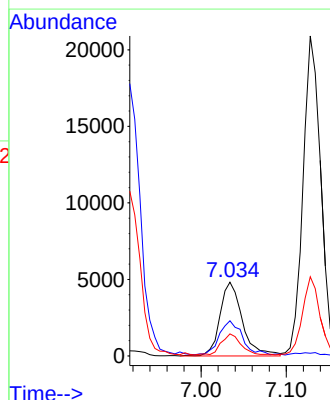
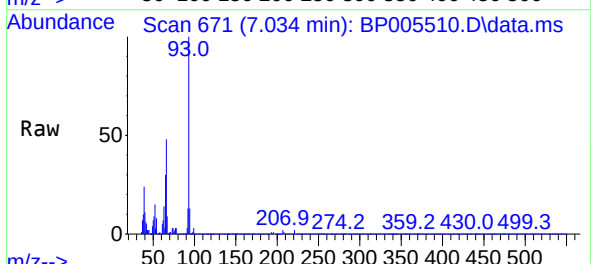
Manual Integrations
APPROVED

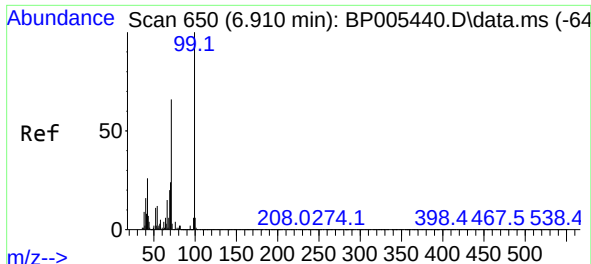
Sohil
5/13/2021 2:51:59 PM



#6
Aniline
Concen: 8.97 ng
RT: 7.034 min Scan# 671
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

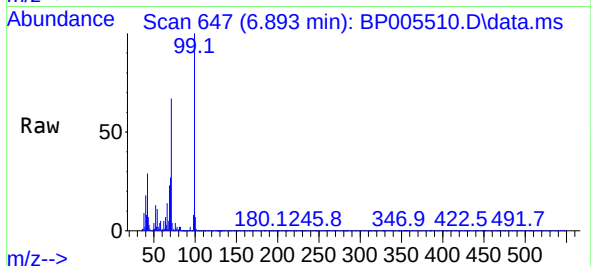
Tgt Ion: 93 Resp: 8797
Ion Ratio Lower Upper
93 100
66 47.7 27.0 40.4#
65 29.9 14.4 21.6#





#7
Phenol-d6
Concen: 109.45 ng
RT: 6.893 min Scan# 647
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

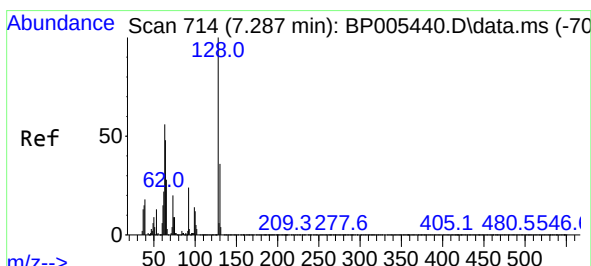
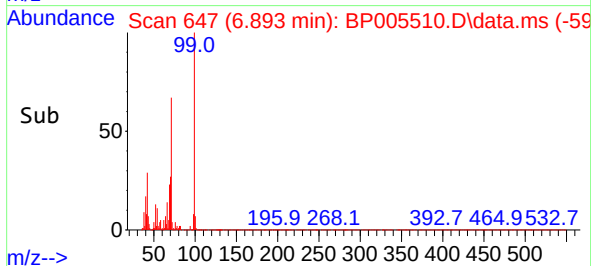
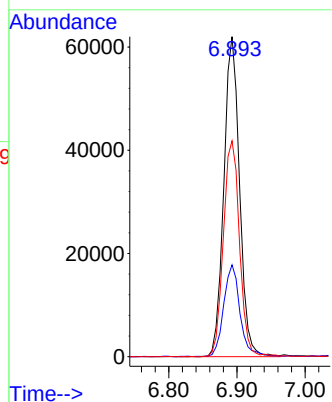
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



Tgt Ion:	99	Resp:	99499
Ion	Ratio	Lower	Upper
99	100		
42	28.7	12.9	19.3#
71	67.4	26.7	40.1#

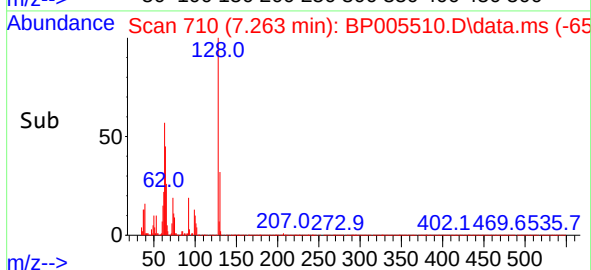
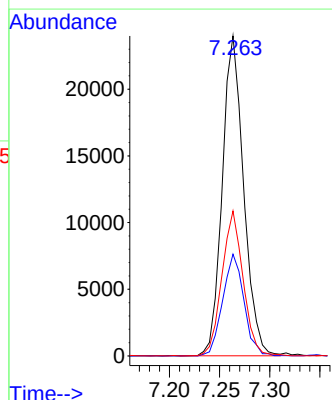
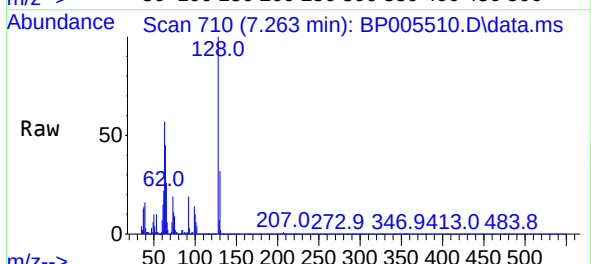
Manual Integrations
APPROVED

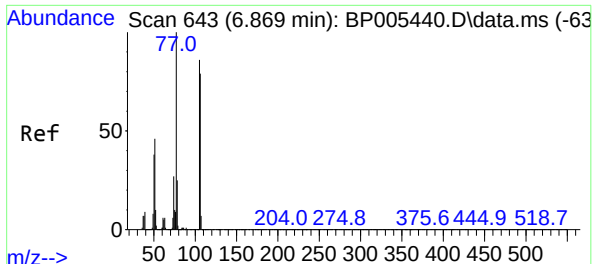
Sohil
5/13/2021 2:51:59 PM



#8
2-Chlorophenol
Concen: 45.41 ng
RT: 7.263 min Scan# 710
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	128	Resp:	35556
Ion	Ratio	Lower	Upper
128	100		
130	31.8	14.1	54.1
64	45.3	17.2	57.2





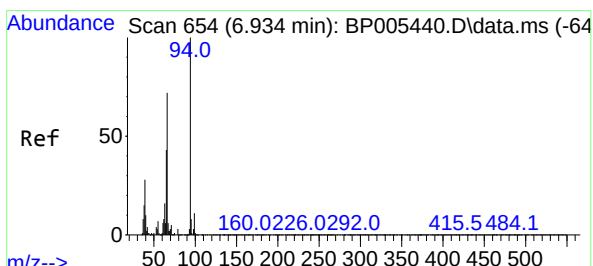
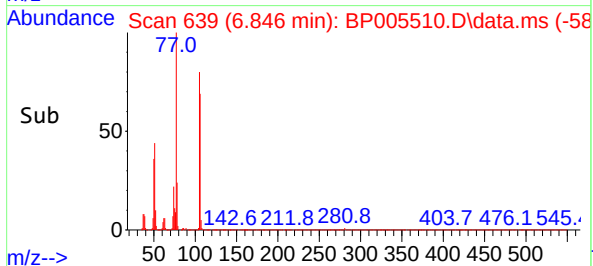
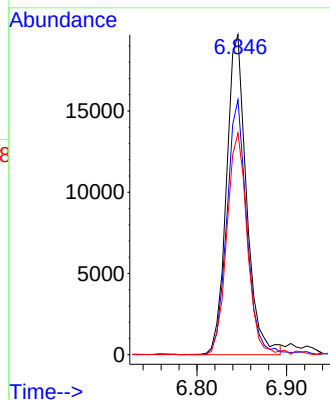
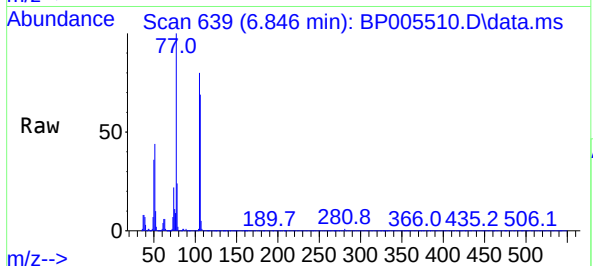
#9
Benzaldehyde
Concen: 68.51 ng
RT: 6.846 min Scan# 639
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion: 77 Resp: 30560
Ion Ratio Lower Upper
77 100
105 79.6 89.4 129.4#
106 69.3 79.9 119.9#

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

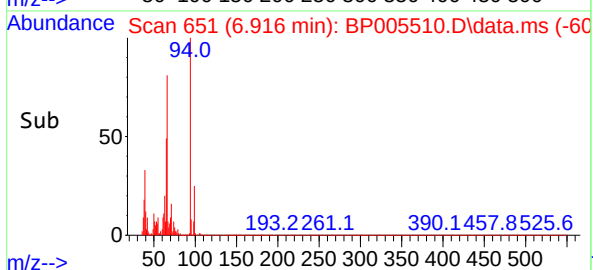
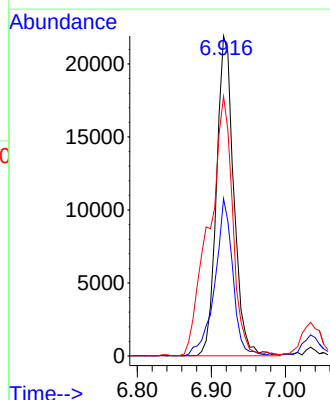
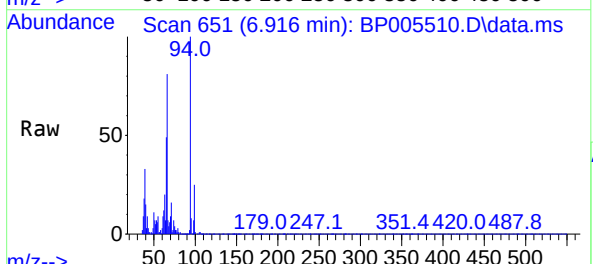
Manual Integrations
APPROVED

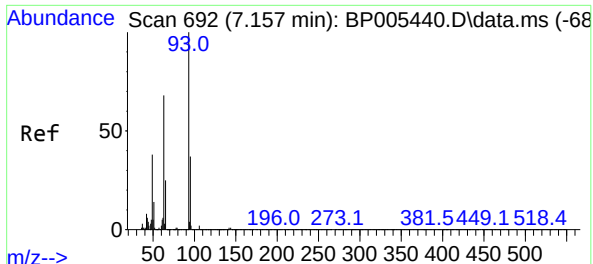
Sohil
5/13/2021 2:51:59 PM



#10
Phenol
Concen: 39.00 ng
RT: 6.916 min Scan# 651
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion: 94 Resp: 35463
Ion Ratio Lower Upper
94 100
65 49.1 8.0 48.0#
66 81.2 17.3 57.3#





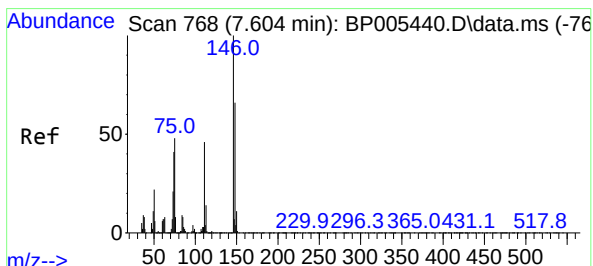
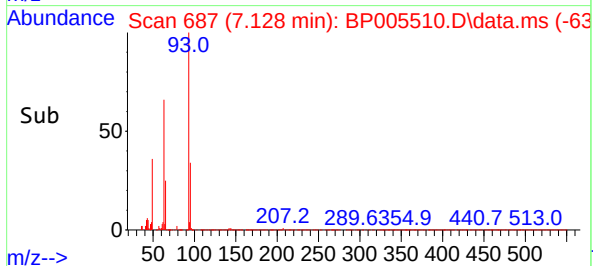
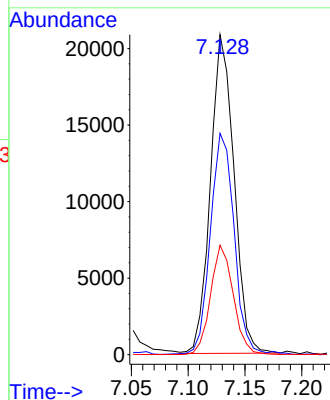
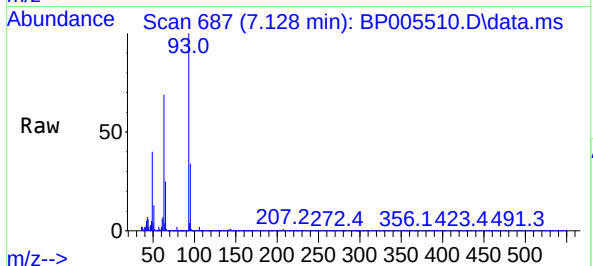
#11
bis(2-Chloroethyl)ether
Concen: 47.80 ng
RT: 7.128 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion: 93	Resp: 30015
Ion Ratio	Lower Upper
93 100	
63 69.1	49.6 89.6
95 34.2	14.4 54.4

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

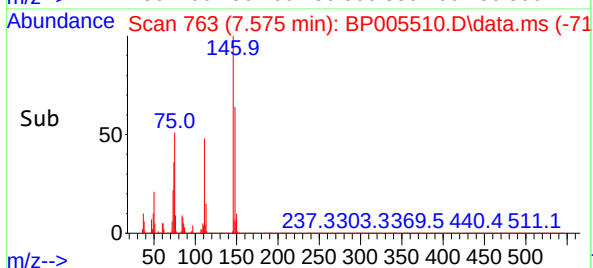
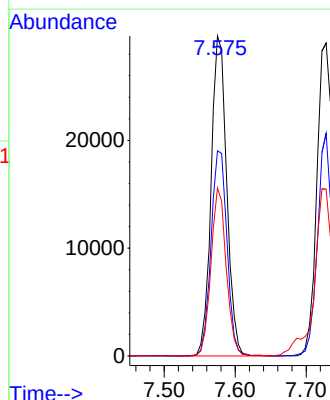
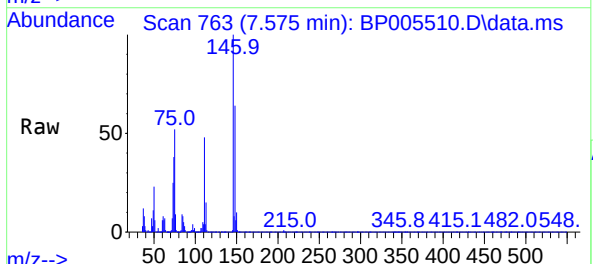
Manual Integrations
APPROVED

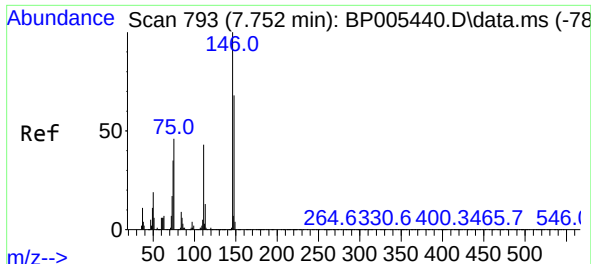
Sohil
5/13/2021 2:51:59 PM



#12
1,3-Dichlorobenzene
Concen: 43.44 ng
RT: 7.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:146	Resp:	45252	
Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.4	77.0
75	52.5	23.9	35.9#





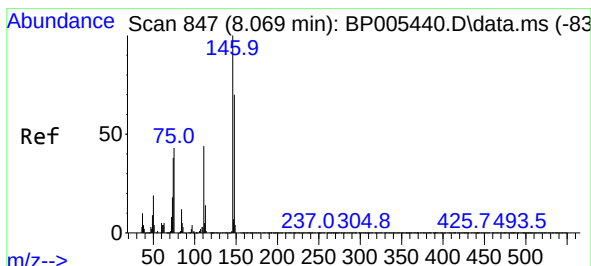
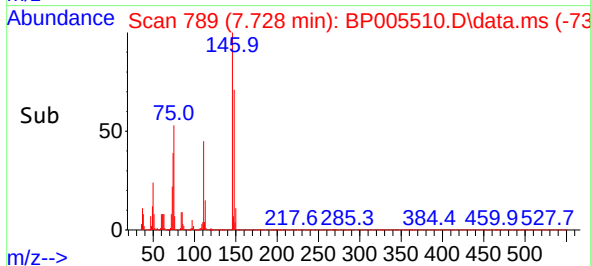
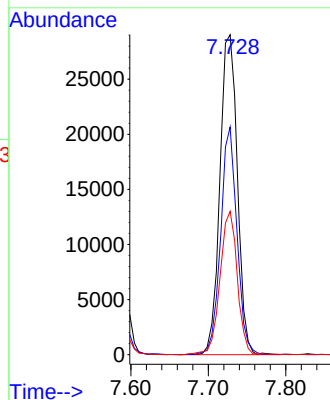
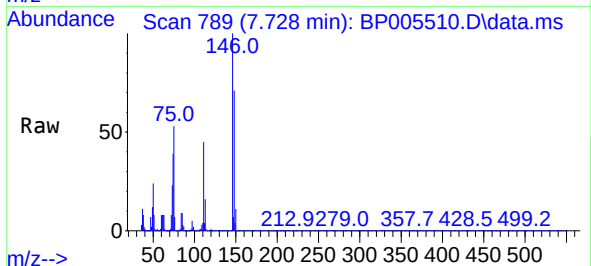
#13
1,4-Dichlorobenzene
Concen: 43.70 ng
RT: 7.728 min Scan# 789
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	146	Resp:	45379
Ion Ratio	Lower	Upper	
146	100		
148	71.2	52.2	78.4
111	44.8	34.2	51.4

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

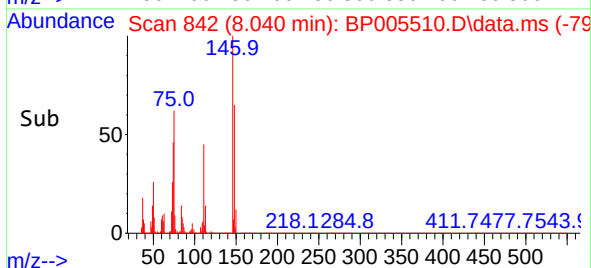
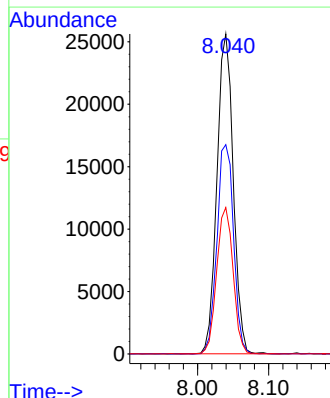
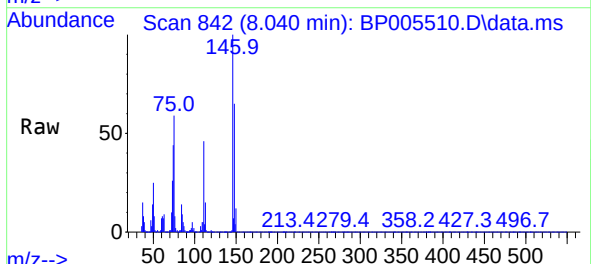
Manual Integrations
APPROVED

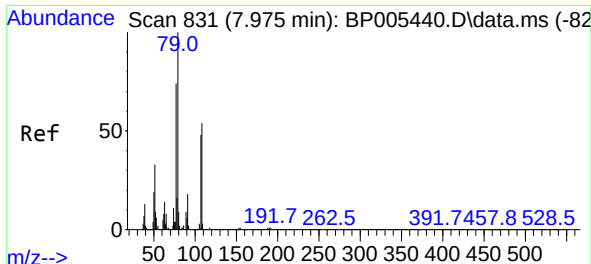
Sohil
5/13/2021 2:51:59 PM



#14
1,2-Dichlorobenzene
Concen: 40.91 ng
RT: 8.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

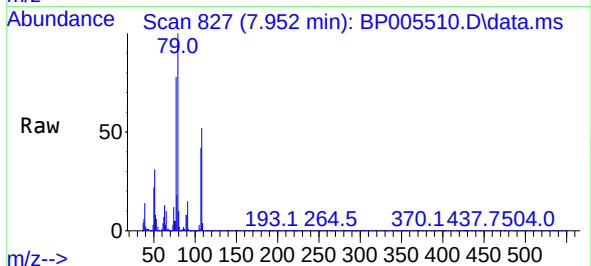
Tgt Ion:	146	Resp:	40714
Ion Ratio	Lower	Upper	
146	100		
148	65.4	51.5	77.3
111	45.7	34.0	51.0





#15
Benzyl Alcohol
Concen: 46.04 ng
RT: 7.952 min Scan# 827
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

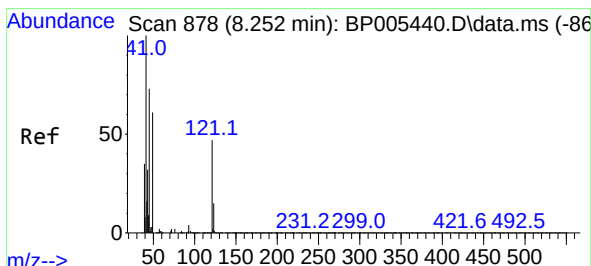
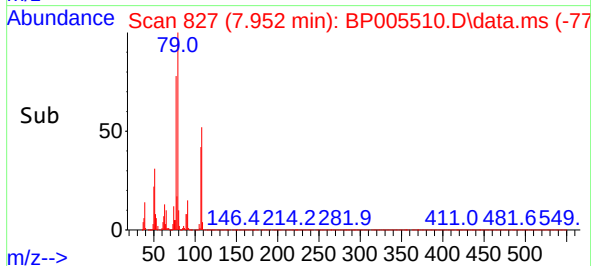
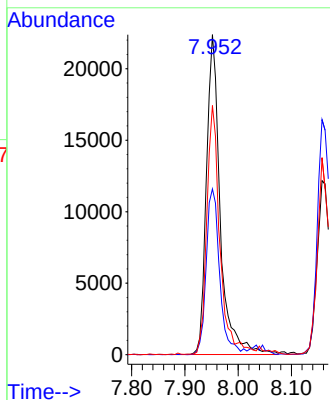
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



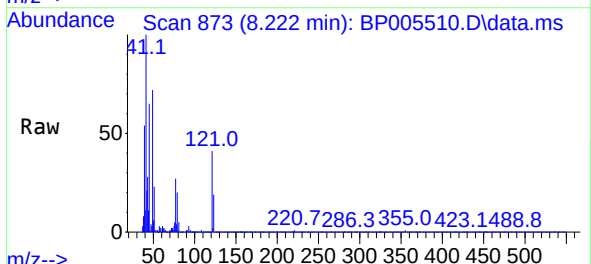
Tgt Ion: 79 Resp: 40378
Ion Ratio Lower Upper
79 100
108 51.8 64.0 96.0#
77 77.8 72.7 109.1

Manual Integrations
APPROVED

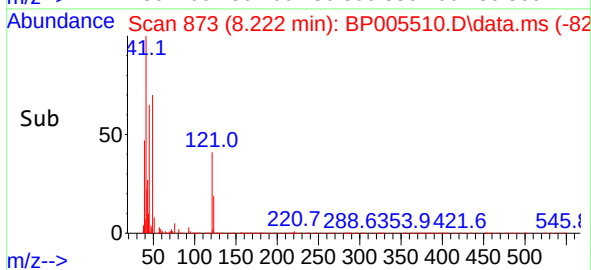
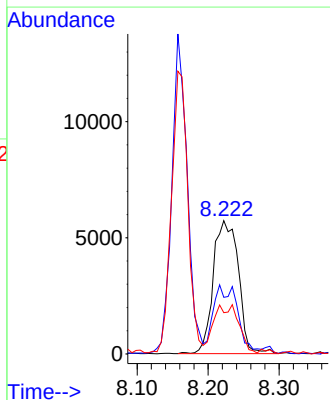
Sohil
5/13/2021 2:51:59 PM

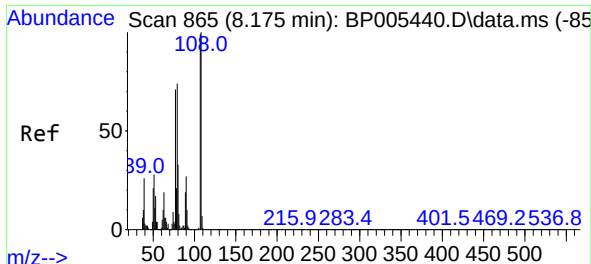


#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.41 ng
RT: 8.222 min Scan# 873
Delta R.T. -0.012 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33



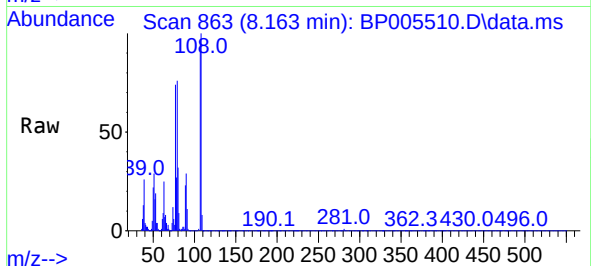
Tgt Ion: 45 Resp: 14081
Ion Ratio Lower Upper
45 100
77 42.5 7.0 47.0
79 31.0 1.0 41.0





#17
2-Methylphenol
Concen: 40.09 ng
RT: 8.163 min Scan# 863
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

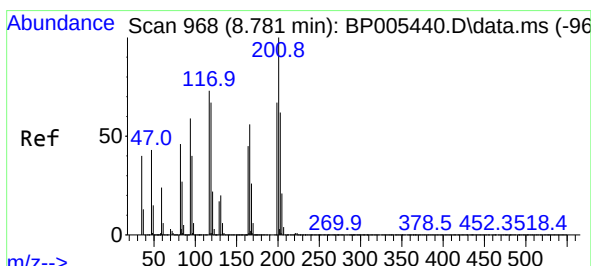
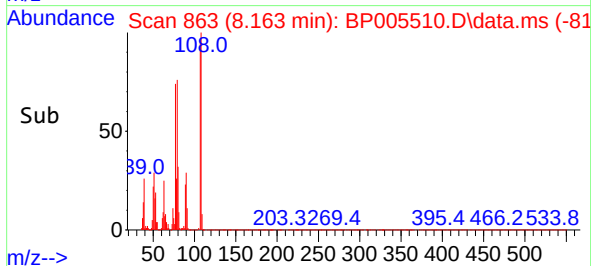
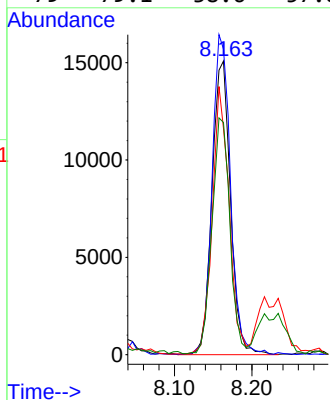
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



Tgt Ion:	107	Resp:	25032
Ion	Ratio	Lower	Upper
107	100		
108	104.1	85.8	128.8
77	77.1	41.4	62.0#
79	79.1	38.6	57.8#

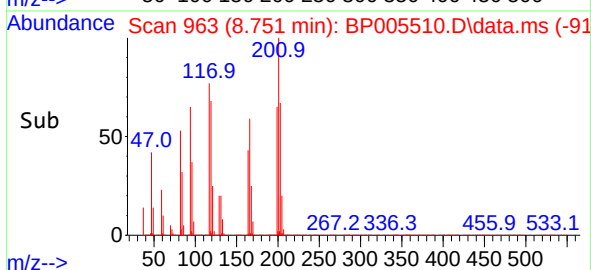
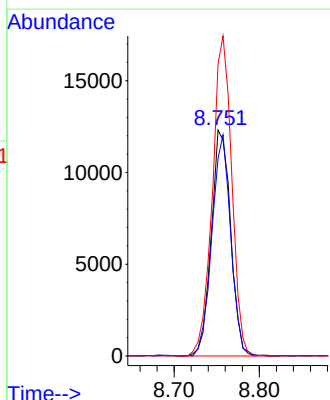
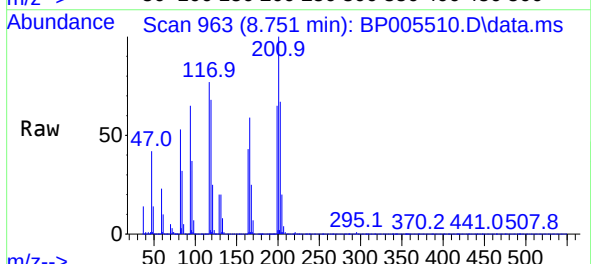
Manual Integrations
APPROVED

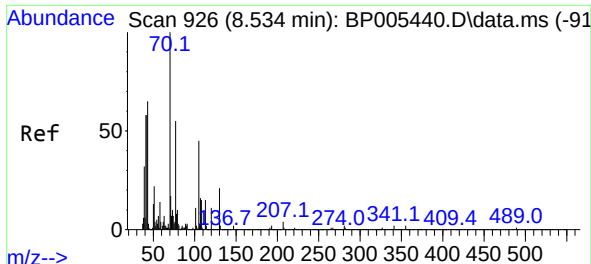
Sohil
5/13/2021 2:51:59 PM



#18
Hexachloroethane
Concen: 45.01 ng
RT: 8.751 min Scan# 963
Delta R.T. -0.012 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

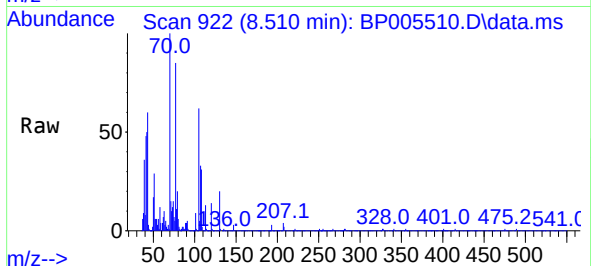
Tgt Ion:	117	Resp:	19361
Ion	Ratio	Lower	Upper
117	100		
119	87.5	80.1	120.1
201	129.2	98.8	148.2





#19
n-Nitroso-di-n-propylamine
Concen: 44.73 ng
RT: 8.510 min Scan# 922
Delta R.T. -0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

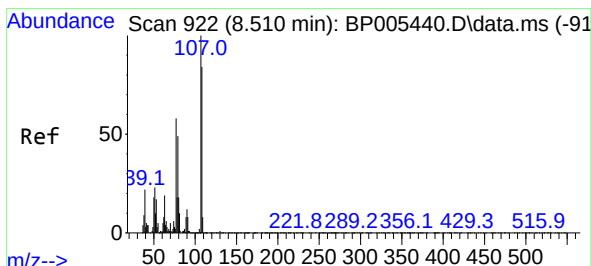
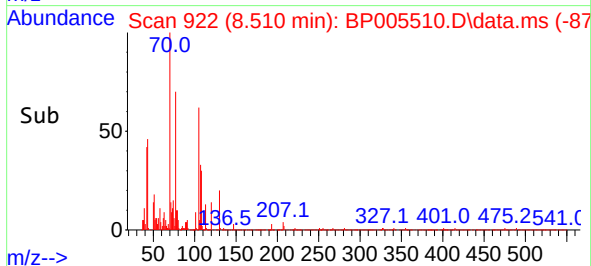
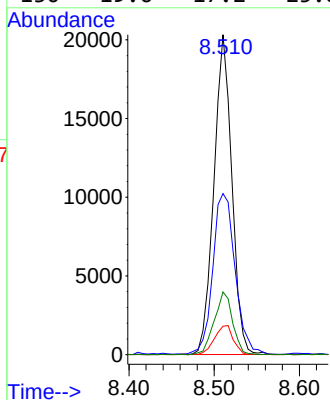
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



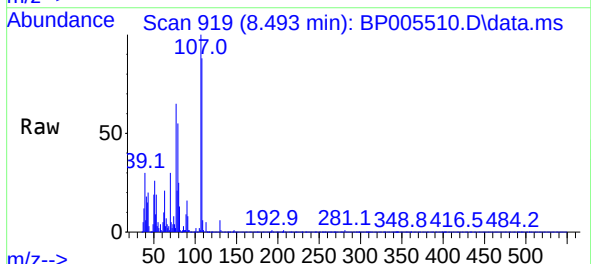
Tgt Ion:	70	Resp:	29773
Ion	Ratio	Lower	Upper
70	100		
42	50.3	39.7	59.5
101	8.9	7.4	11.0
130	19.6	17.2	25.8

Manual Integrations
APPROVED

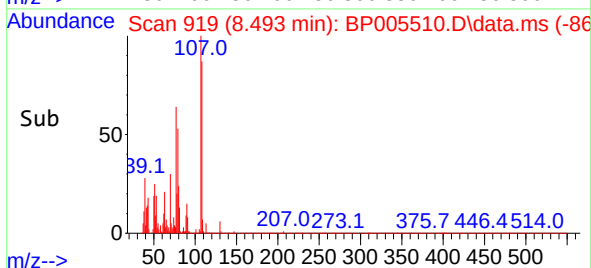
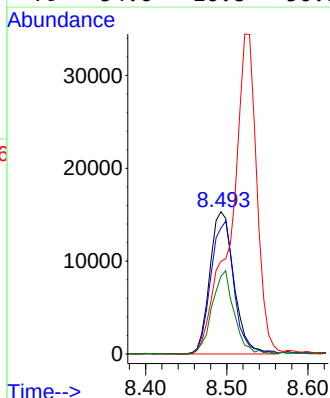
Sohil
5/13/2021 2:51:59 PM

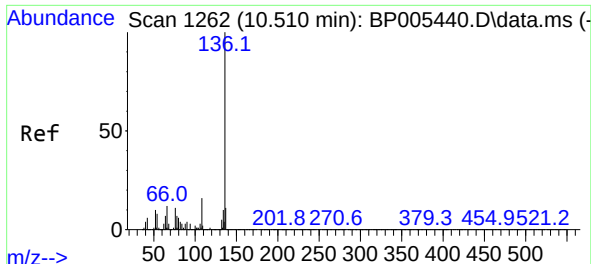


#20
3+4-Methylphenols
Concen: 38.25 ng
RT: 8.493 min Scan# 919
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33



Tgt Ion:	107	Resp:	31752
Ion	Ratio	Lower	Upper
107	100		
108	88.4	69.5	109.5
77	65.2	21.5	61.5#
79	54.6	16.8	56.8





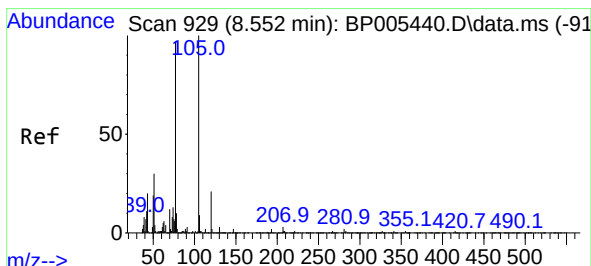
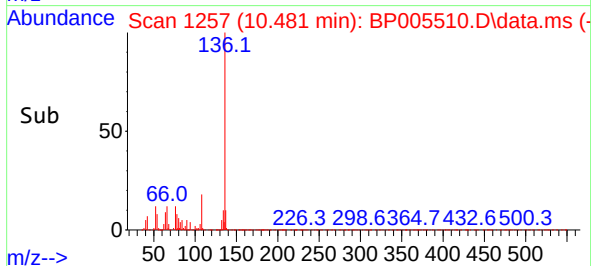
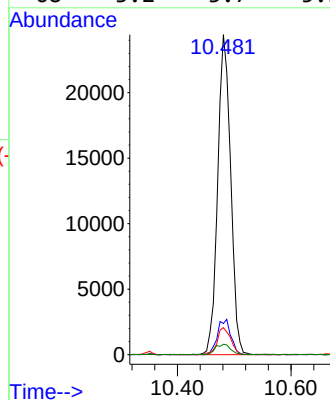
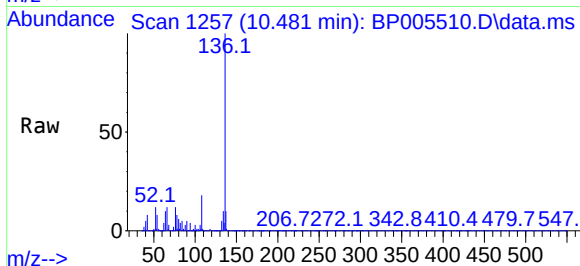
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	136	Resp:	38681
Ion Ratio	Lower	Upper	
136	100		
137	9.7	8.9	13.3
54	8.5	5.0	7.4#
68	3.2	3.7	5.5#

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

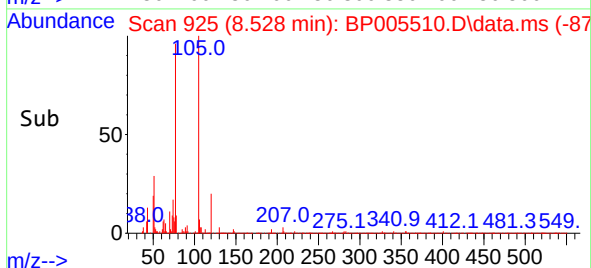
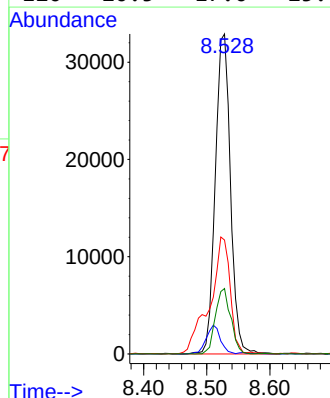
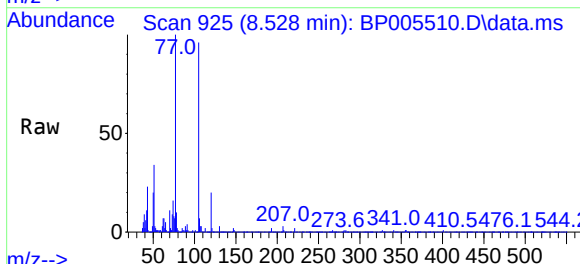
Manual Integrations
APPROVED

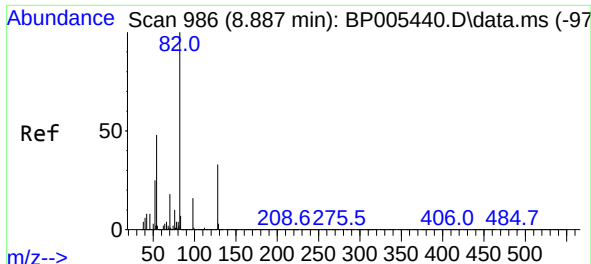
Sohil
5/13/2021 2:51:59 PM



#22
Acetophenone
Concen: 50.32 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	105	Resp:	54909
Ion Ratio	Lower	Upper	
105	100		
71	2.2	0.9	1.3#
51	35.6	18.2	27.2#
120	20.5	17.0	25.6





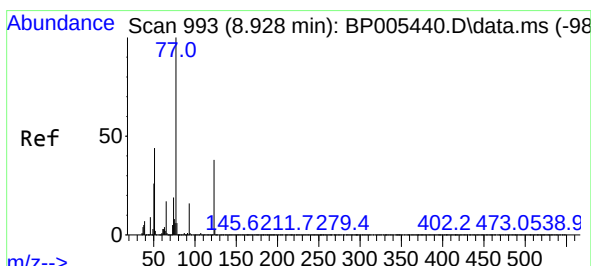
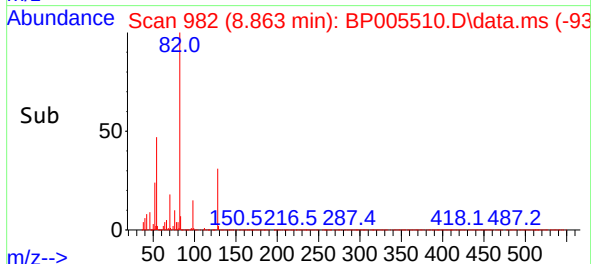
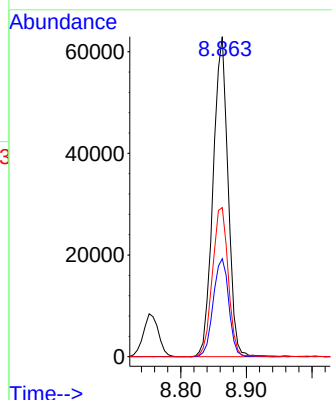
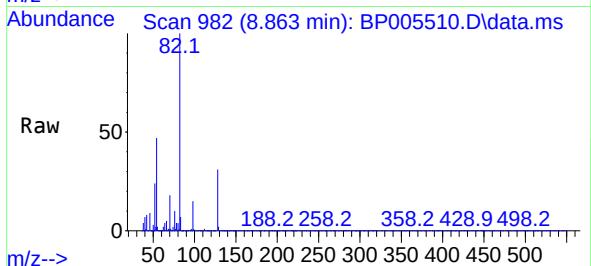
#23
Nitrobenzene-d5
Concen: 101.30 ng
RT: 8.863 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	82	Resp:	99551
Ion	Ratio	Lower	Upper
82	100		
128	30.6	30.5	45.7
54	46.6	33.9	50.9

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

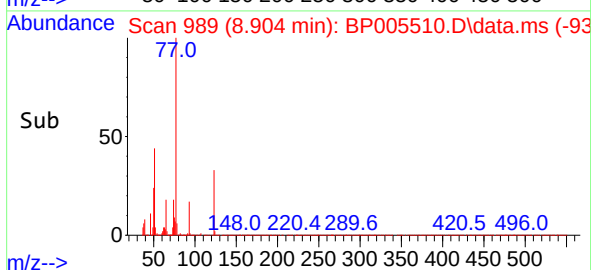
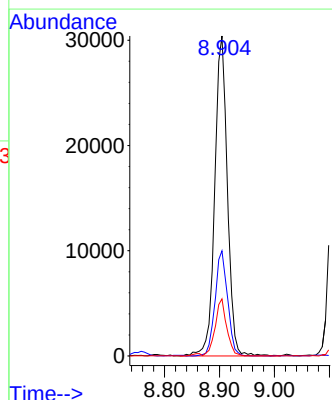
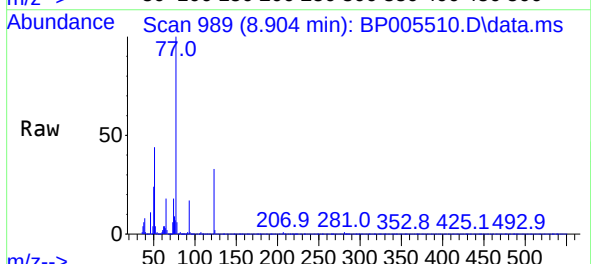
Manual Integrations
APPROVED

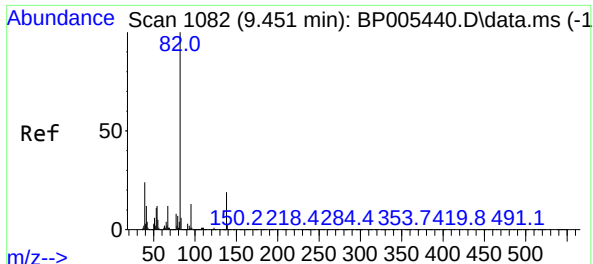
Sohil
5/13/2021 2:51:59 PM



#24
Nitrobenzene
Concen: 49.40 ng
RT: 8.904 min Scan# 989
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	77	Resp:	48698
Ion	Ratio	Lower	Upper
77	100		
123	32.8	31.7	47.5
65	17.8	11.5	17.3





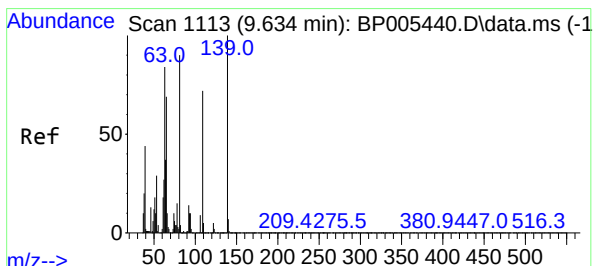
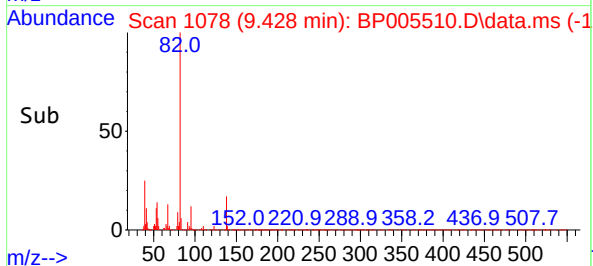
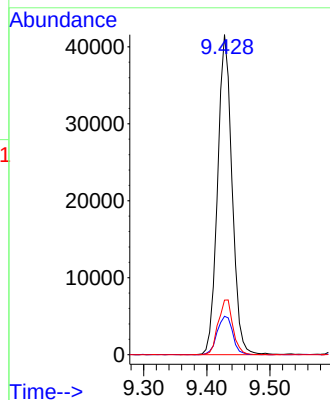
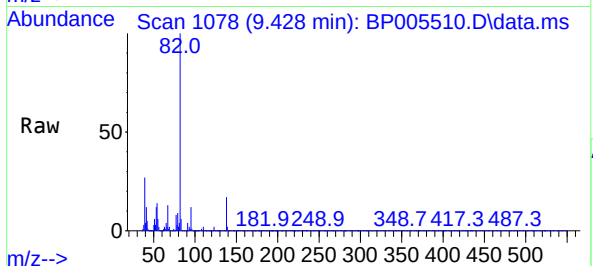
#25
Isophorone
Concen: 43.30 ng
RT: 9.428 min Scan# 1078
Delta R.T. -0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion: 82 Resp: 65896
Ion Ratio Lower Upper
82 100
95 12.0 7.5 11.3#
138 17.1 14.6 22.0

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

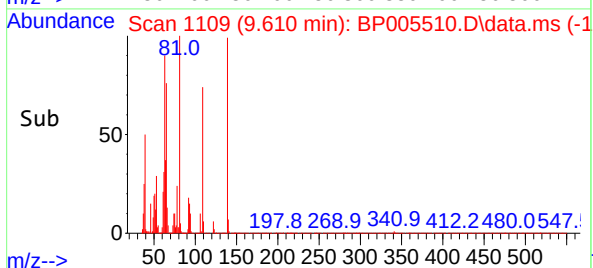
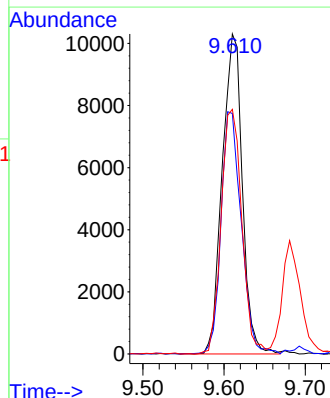
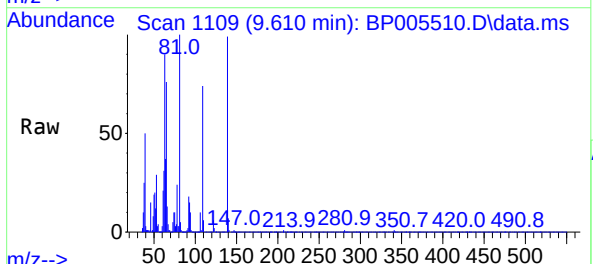
Manual Integrations
APPROVED

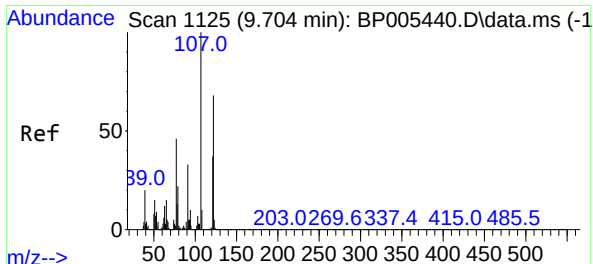
Sohil
5/13/2021 2:51:59 PM



#26
2-Nitrophenol
Concen: 42.90 ng
RT: 9.610 min Scan# 1109
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion: 139 Resp: 17708
Ion Ratio Lower Upper
139 100
109 75.1 40.7 61.1#
65 76.5 47.8 71.6#





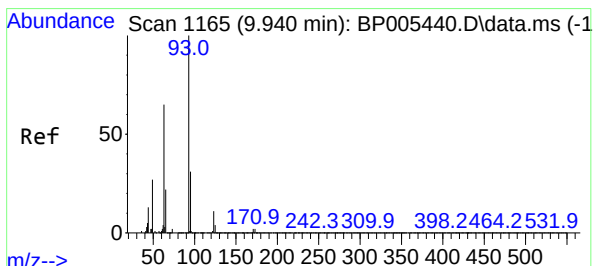
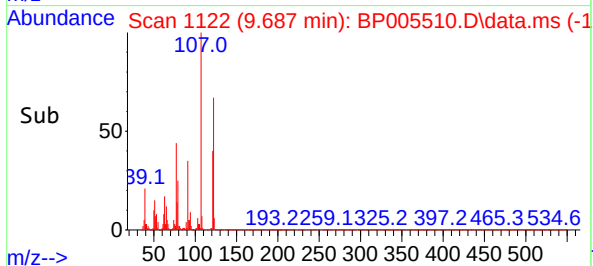
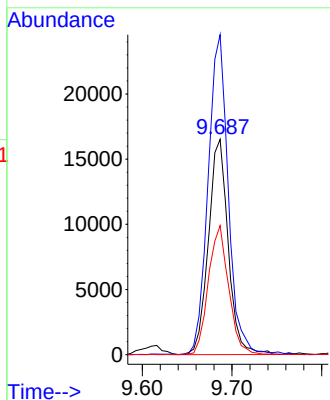
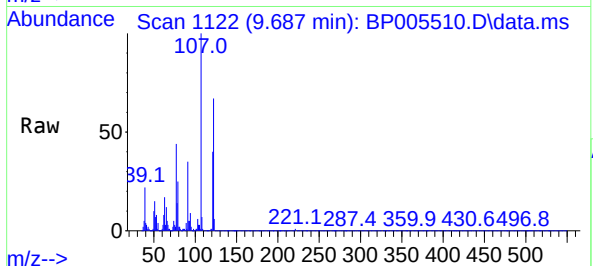
#27
2,4-Dimethylphenol
Concen: 46.39 ng
RT: 9.687 min Scan# 1122
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion	Ratio	Lower	Upper
122	100		
107	148.5	93.8	140.8#
121	60.0	45.6	68.4

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

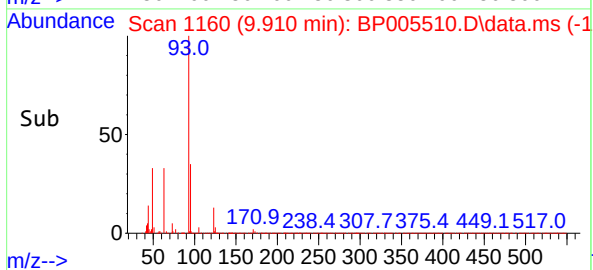
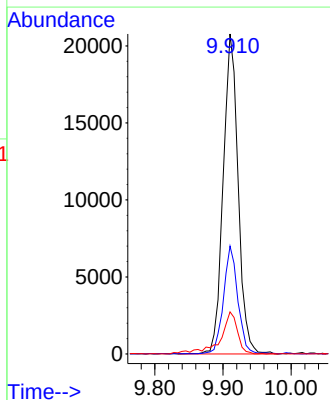
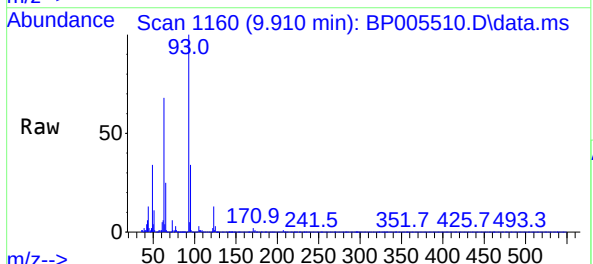
Manual Integrations
APPROVED

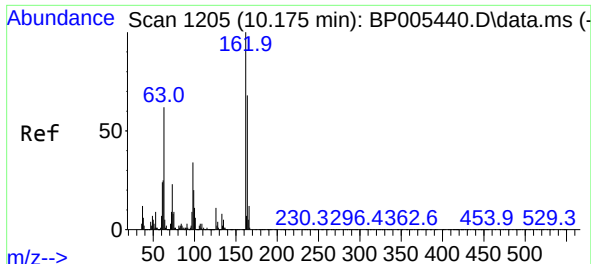
Sohil
5/13/2021 2:51:59 PM



#28
bis(2-Chloroethoxy)methane
Concen: 49.82 ng
RT: 9.910 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

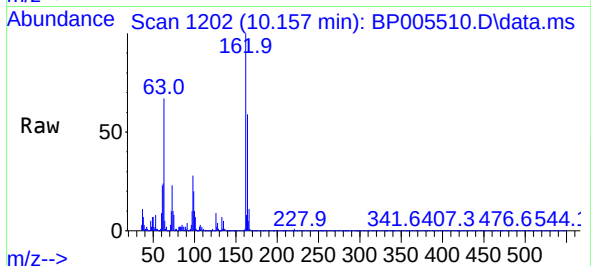
Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.7	24.9	37.3
123	13.1	9.5	14.3





#29
2,4-Dichlorophenol
Concen: 41.38 ng
RT: 10.157 min Scan# 1202
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

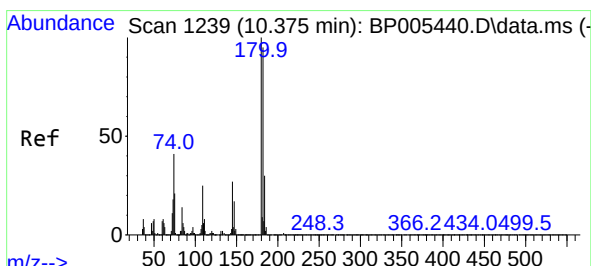
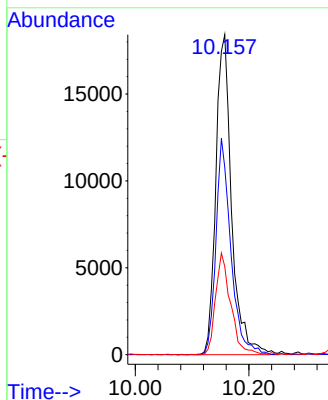
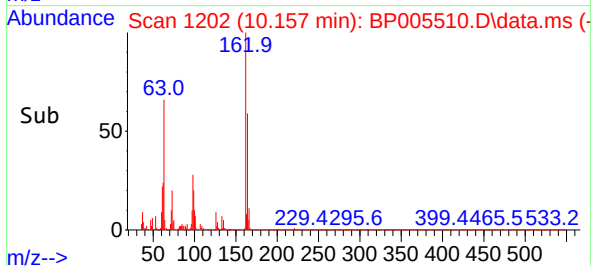
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



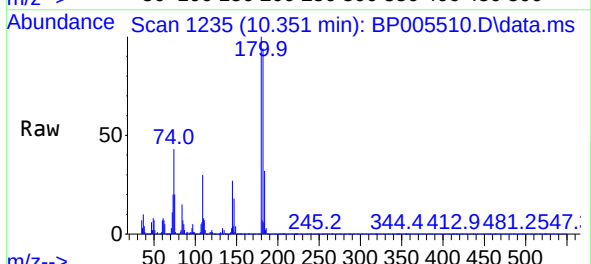
Tgt Ion:162 Resp: 35510
Ion Ratio Lower Upper
162 100
164 58.6 44.1 84.1
98 27.6 12.6 52.6

Manual Integrations
APPROVED

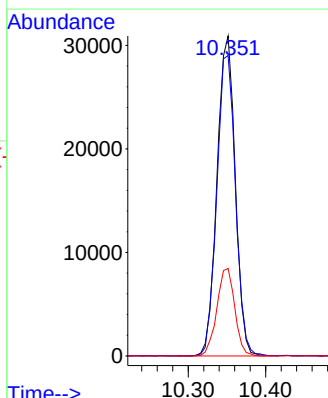
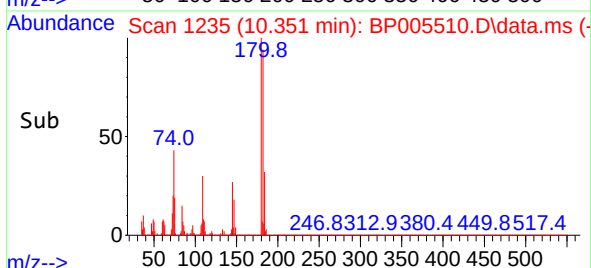
Sohil
5/13/2021 2:51:59 PM

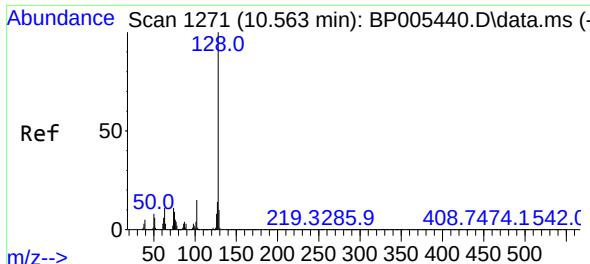


#30
1,2,4-Trichlorobenzene
Concen: 45.96 ng
RT: 10.351 min Scan# 1235
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33



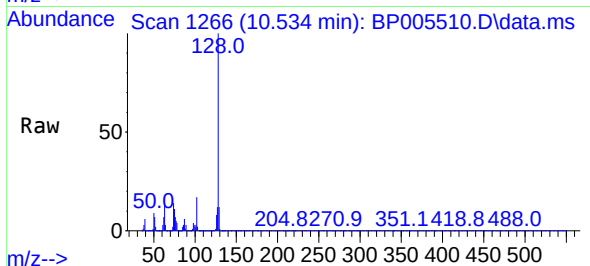
Tgt Ion:180 Resp: 50371
Ion Ratio Lower Upper
180 100
182 93.9 77.2 115.8
145 27.4 21.7 32.5





#31
Naphthalene
Concen: 44.13 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

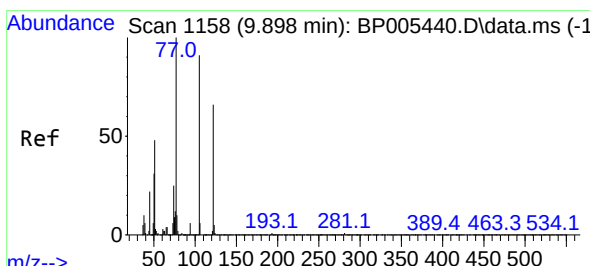
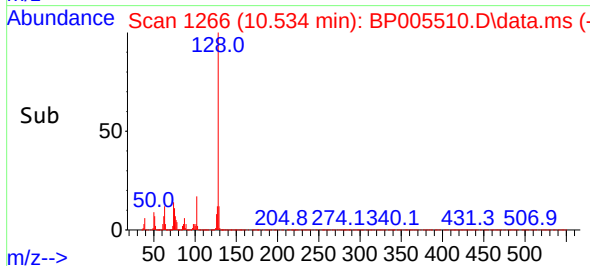
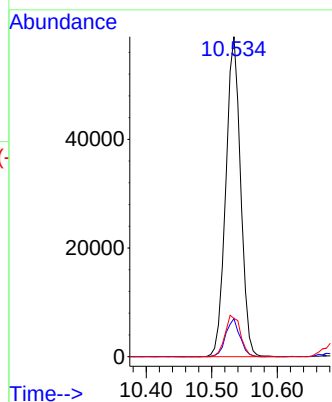
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



Tgt Ion:	128	Resp:	91794
Ion Ratio	Lower	Upper	
128	100		
129	11.9	8.0	12.0
127	11.9	11.1	16.7

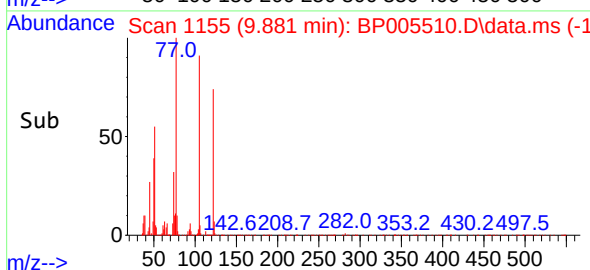
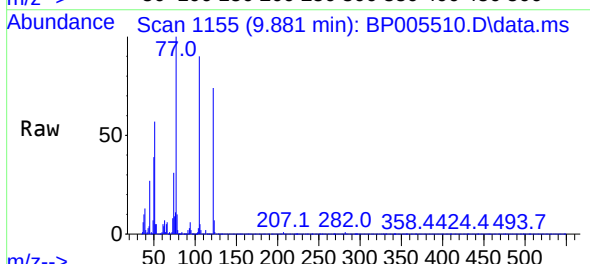
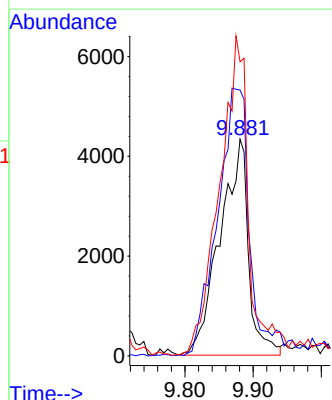
Manual Integrations
APPROVED

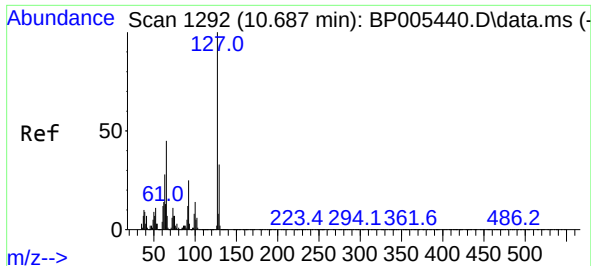
Sohil
5/13/2021 2:51:59 PM



#32
Benzoic acid
Concen: 30.00 ng
RT: 9.881 min Scan# 1155
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	122	Resp:	12662
Ion Ratio	Lower	Upper	
122	100		
105	122.8	105.1	145.1
77	135.9	69.6	109.6#





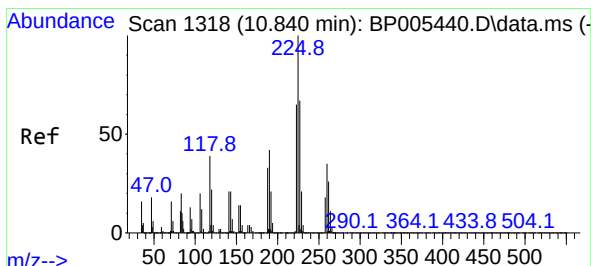
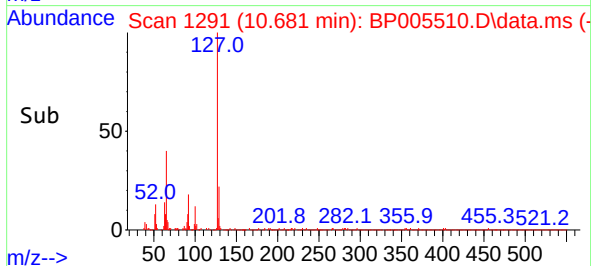
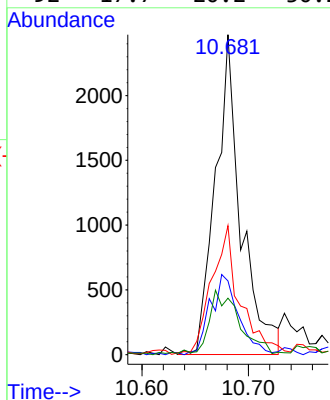
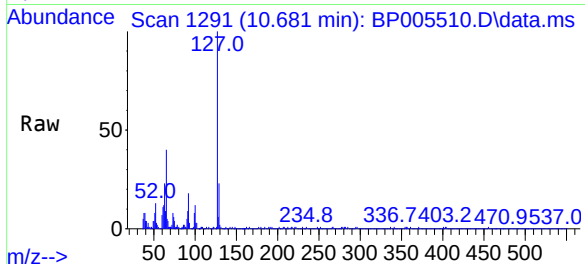
#33
4-Chloroaniline
Concen: 5.08 ng
RT: 10.681 min Scan# 1291
Delta R.T. 0.012 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	127	Resp:	4116
Ion Ratio	Lower	Upper	
127	100		
129	23.1	25.5	38.3#
65	40.3	30.0	45.0
92	17.7	20.2	30.2#

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

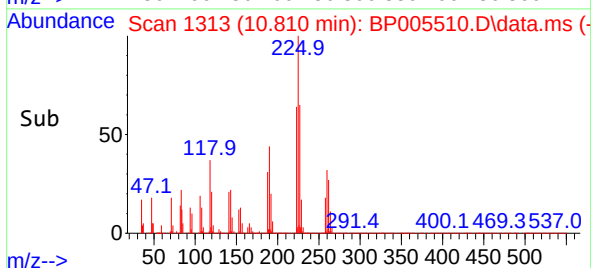
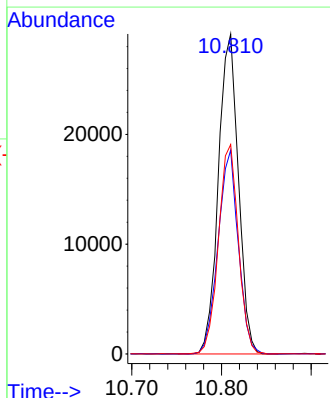
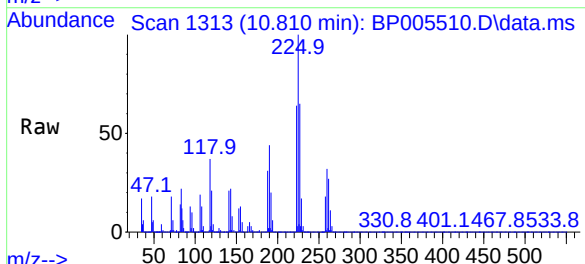
Manual Integrations
APPROVED

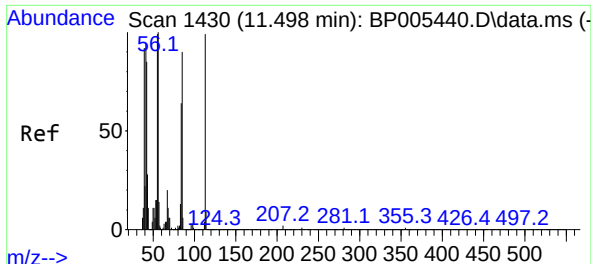
Sohil
5/13/2021 2:51:59 PM



#34
Hexachlorobutadiene
Concen: 49.24 ng
RT: 10.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

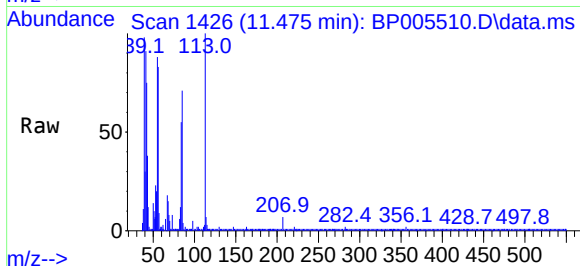
Tgt Ion:	225	Resp:	45007
Ion Ratio	Lower	Upper	
225	100		
223	63.7	51.1	76.7
227	65.5	50.2	75.2





#35
Caprolactam
Concen: 26.32 ng m
RT: 11.475 min Scan# 1426
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

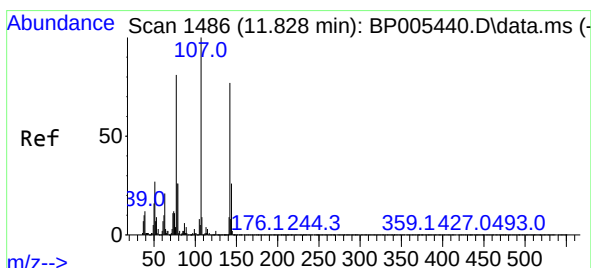
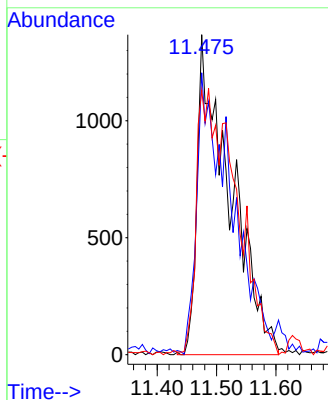
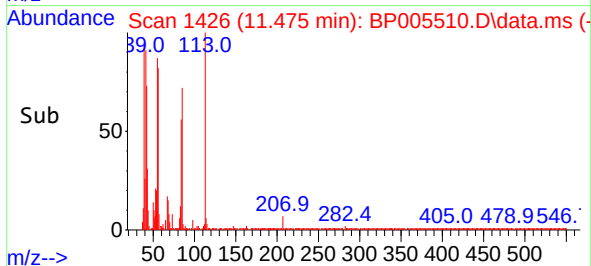
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



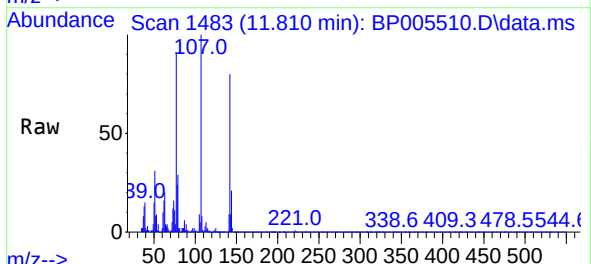
Tgt Ion:113 Resp: 5197
Ion Ratio Lower Upper
113 100
55 88.1 72.0 112.0
56 82.7 65.1 105.1

Manual Integrations
APPROVED

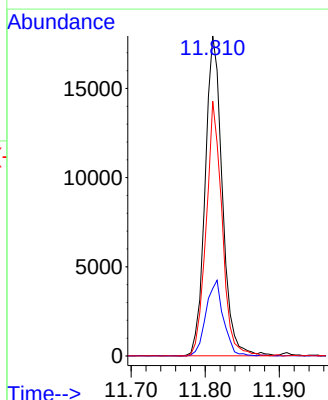
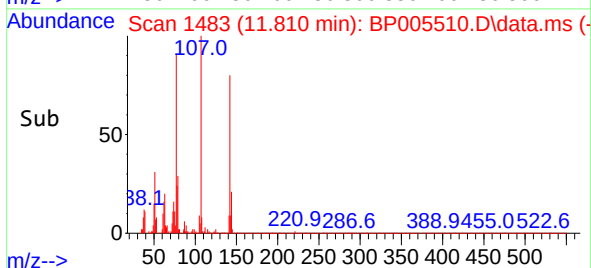
Sohil
5/13/2021 2:51:59 PM

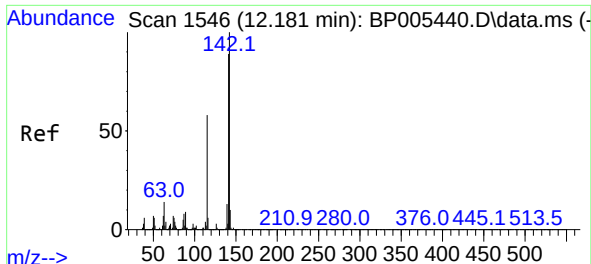


#36
4-Chloro-3-methylphenol
Concen: 37.84 ng
RT: 11.810 min Scan# 1483
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33



Tgt Ion:107 Resp: 28942
Ion Ratio Lower Upper
107 100
144 21.1 20.1 30.1
142 79.6 62.2 93.4





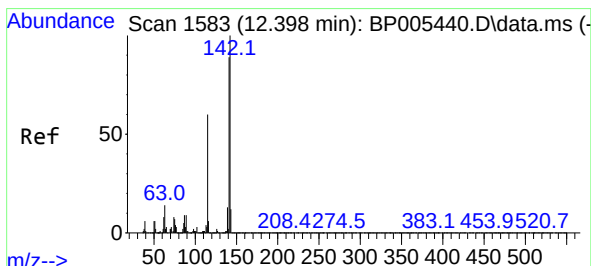
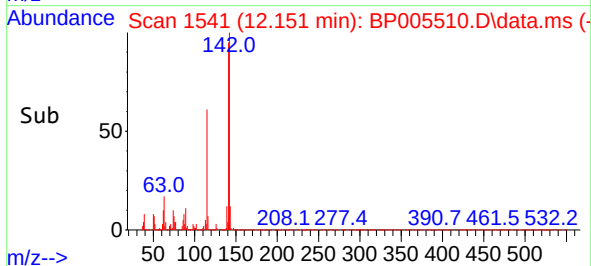
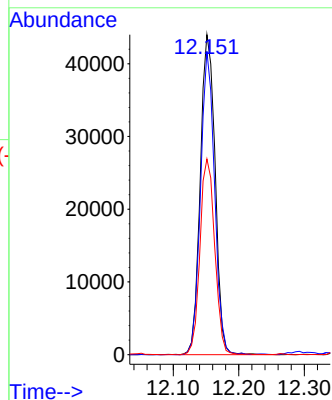
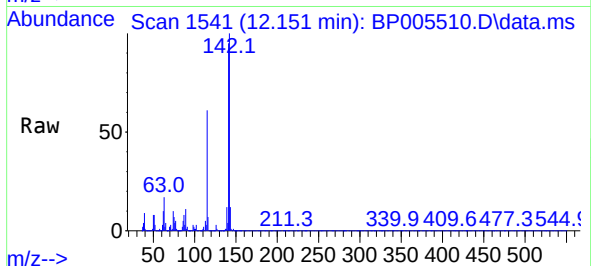
#37
2-Methylnaphthalene
Concen: 41.51 ng
RT: 12.151 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:142 Resp: 69262
Ion Ratio Lower Upper
142 100
141 94.8 74.7 112.1
115 61.1 43.8 65.8

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

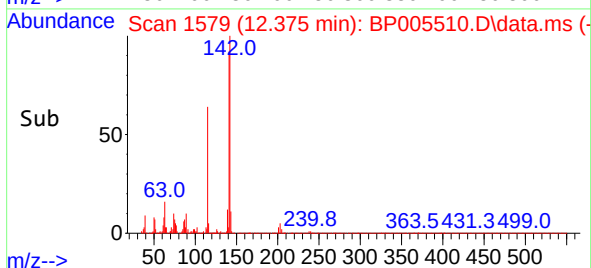
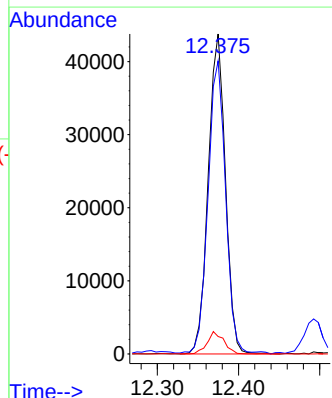
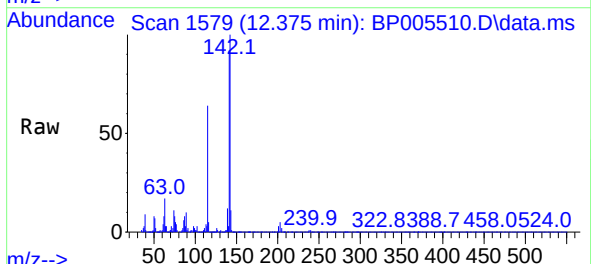
Manual Integrations
APPROVED

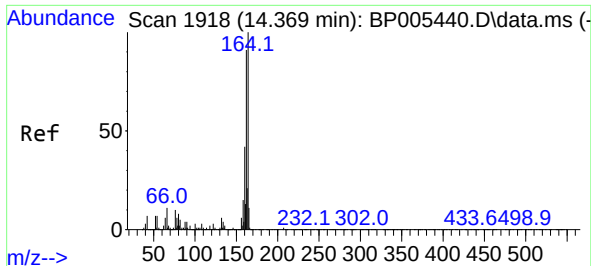
Sohil
5/13/2021 2:51:59 PM



#38
1-Methylnaphthalene
Concen: 40.77 ng
RT: 12.375 min Scan# 1579
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:142 Resp: 64225
Ion Ratio Lower Upper
142 100
141 91.6 77.0 115.6
116 5.5 5.0 7.6





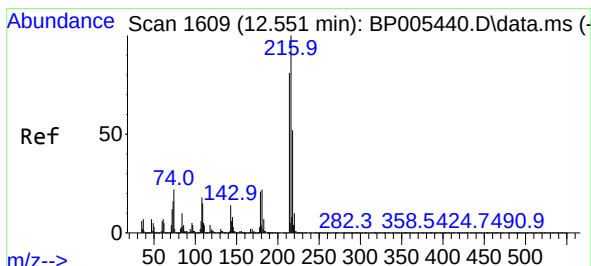
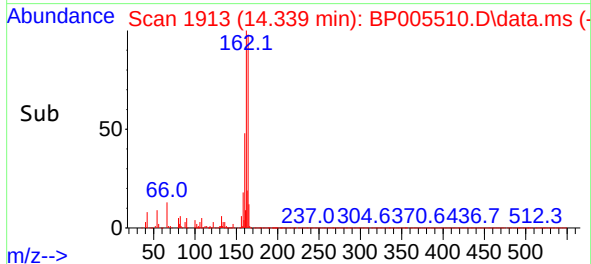
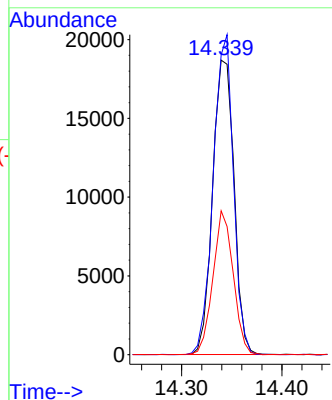
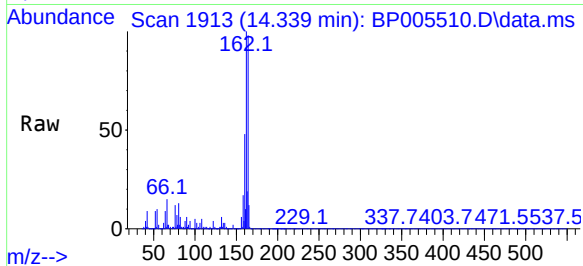
#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.339 min Scan# 1913
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	164	Resp:	27700
Ion Ratio	Lower	Upper	
164	100		
162	101.8	73.5	110.3
160	48.8	40.6	61.0

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

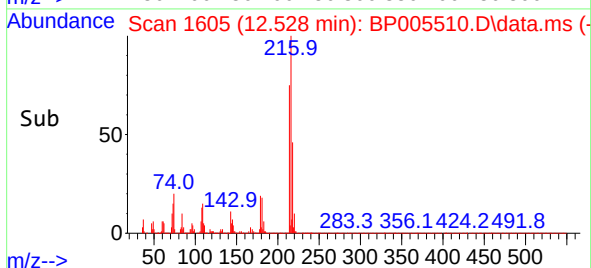
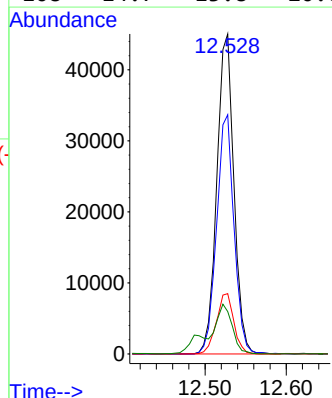
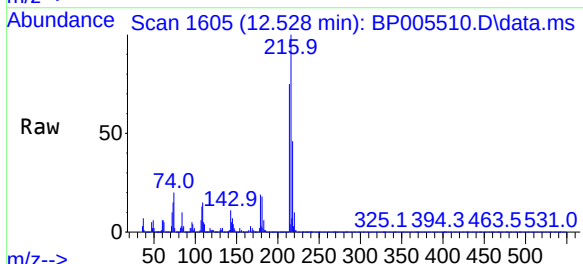
Manual Integrations
APPROVED

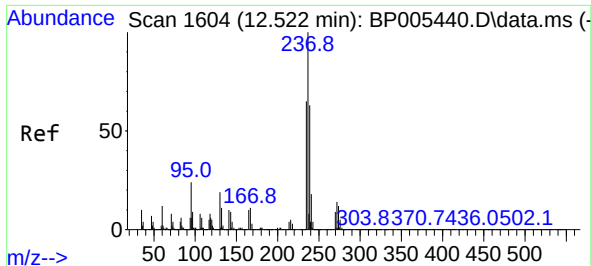
Sohil
5/13/2021 2:51:59 PM



#40
1,2,4,5-Tetrachlorobenzene
Concen: 51.74 ng
RT: 12.528 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

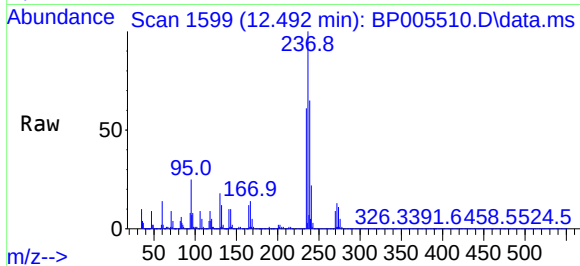
Tgt Ion:	216	Resp:	65853
Ion Ratio	Lower	Upper	
216	100		
214	76.4	60.6	91.0
179	19.3	15.3	22.9
108	14.7	13.8	20.6





#41
Hexachlorocyclopentadiene
Concen: 124.24 ng
RT: 12.492 min Scan# 1599
Delta R.T. -0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

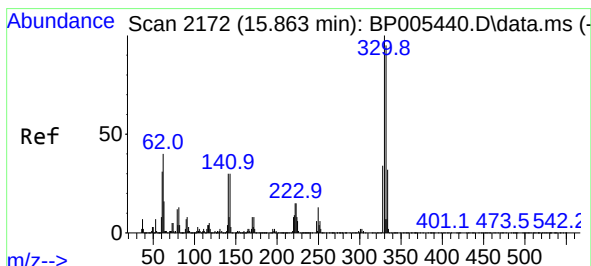
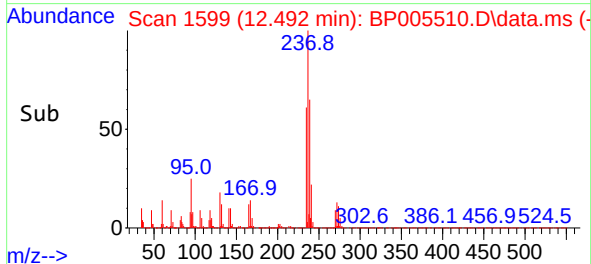
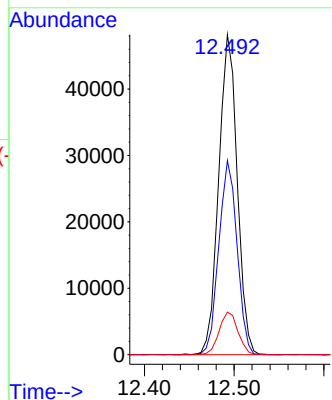
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



Tgt Ion:	237	Resp:	69056
Ion Ratio	Lower	Upper	
237	100		
235	60.7	40.9	80.9
272	13.3	0.0	34.6

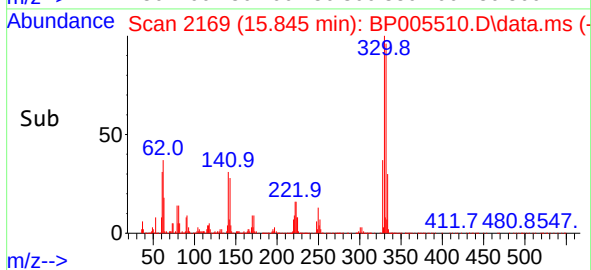
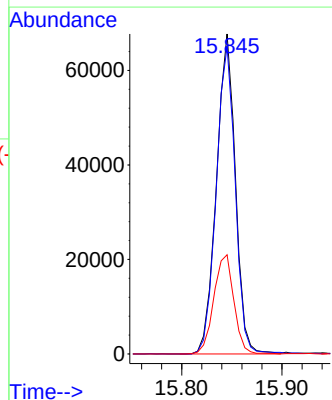
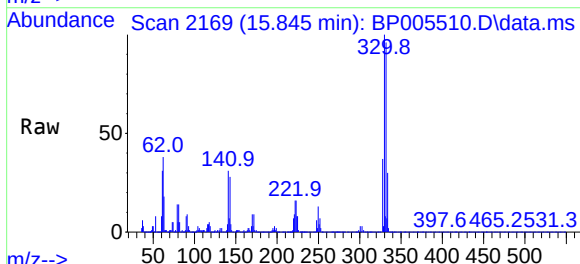
Manual Integrations
APPROVED

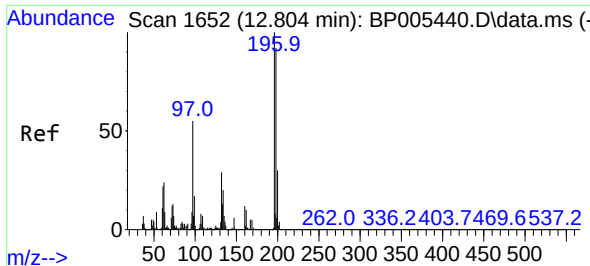
Sohil
5/13/2021 2:51:59 PM



#42
2,4,6-Tribromophenol
Concen: 113.07 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	330	Resp:	88877
Ion Ratio	Lower	Upper	
330	100		
332	96.6	76.3	114.5
141	32.9	22.8	34.2





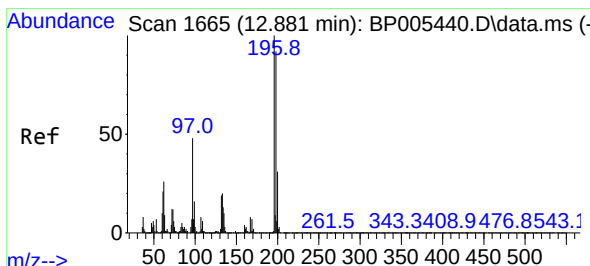
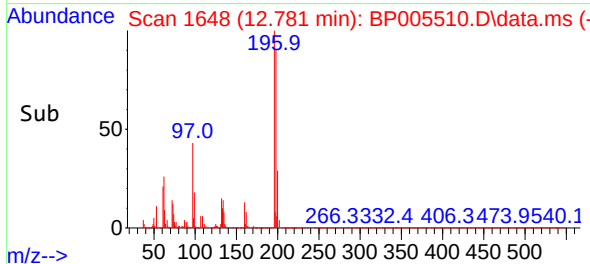
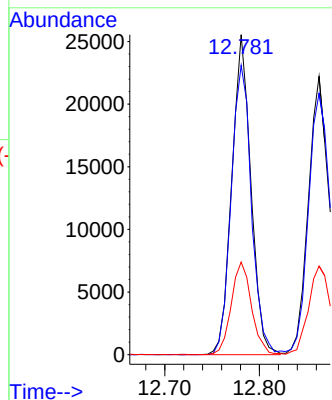
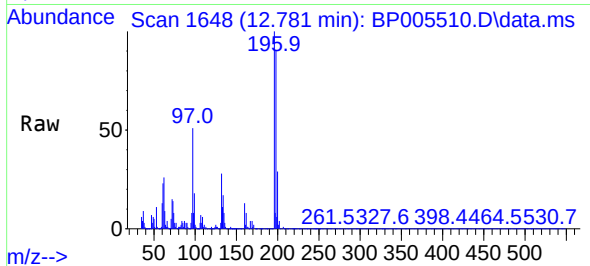
#43
2,4,6-Trichlorophenol
Concen: 45.01 ng
RT: 12.781 min Scan# 1648
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	196	Resp:	35786
Ion Ratio	Lower	Upper	
196	100		
198	90.4	81.4	122.2
200	29.0	28.2	42.2

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

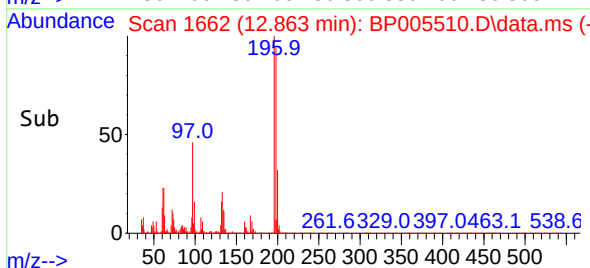
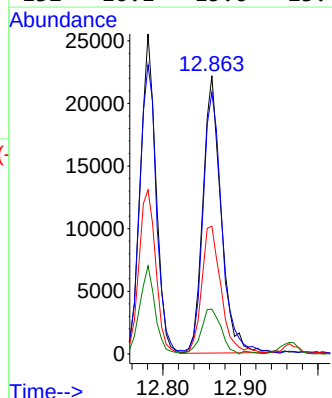
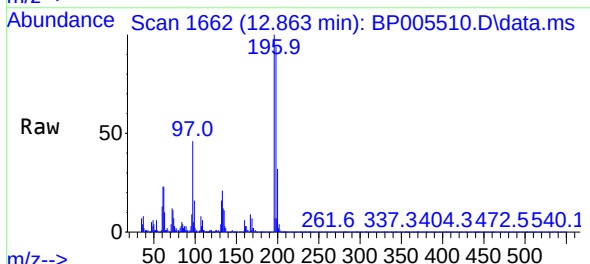
Manual Integrations
APPROVED

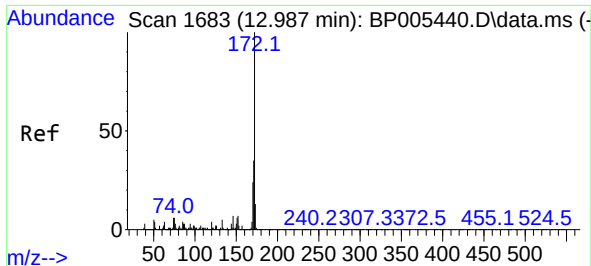
Sohil
5/13/2021 2:51:59 PM



#44
2,4,5-Trichlorophenol
Concen: 42.12 ng
RT: 12.863 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	196	Resp:	36141
Ion Ratio	Lower	Upper	
196	100		
198	93.9	71.0	106.4
97	45.9	38.5	57.7
132	16.1	15.6	23.4





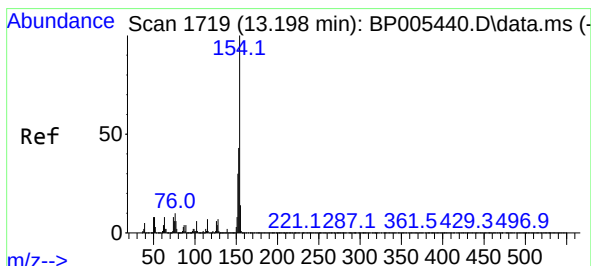
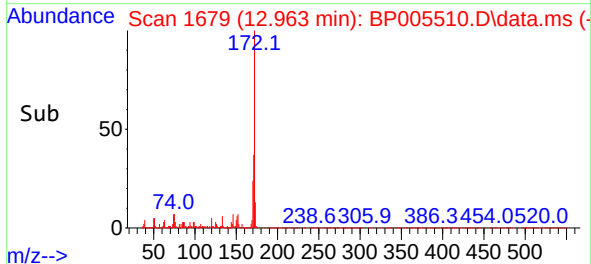
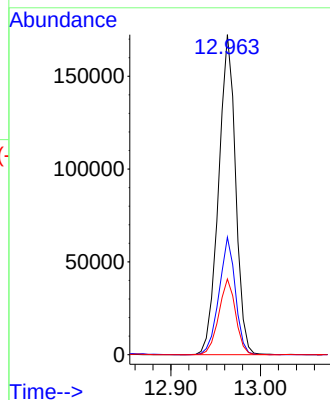
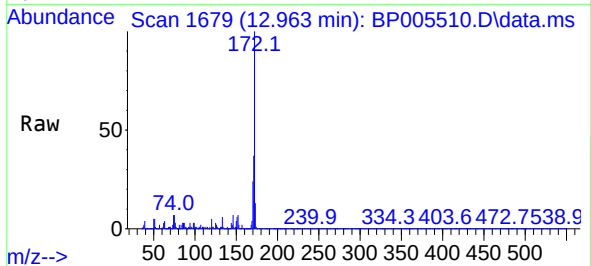
#45
2-Fluorobiphenyl
Concen: 92.38 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:172 Resp: 226842
Ion Ratio Lower Upper
172 100
171 36.7 28.1 42.1
170 23.7 19.6 29.4

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

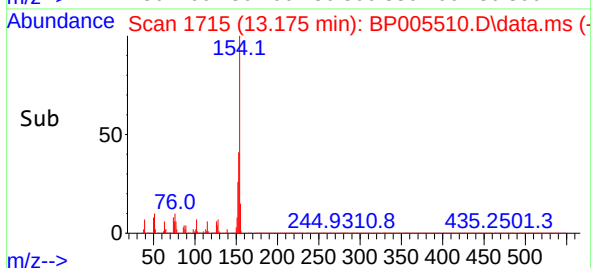
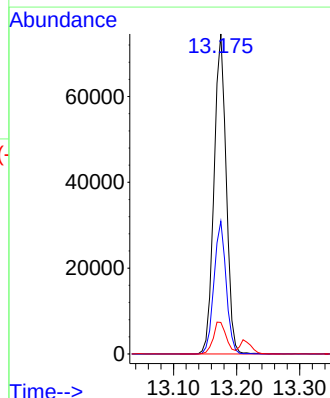
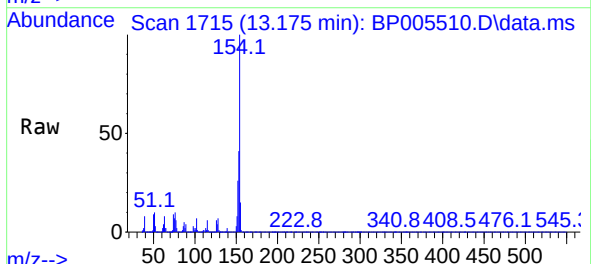
Manual Integrations
APPROVED

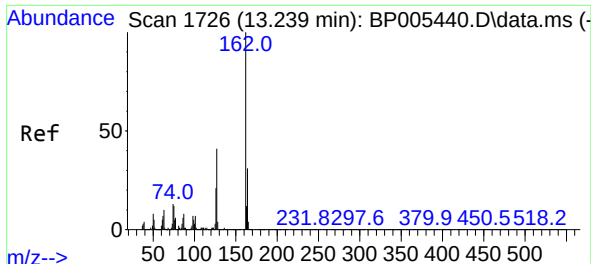
Sohil
5/13/2021 2:51:59 PM



#46
1,1'-Biphenyl
Concen: 46.76 ng
RT: 13.175 min Scan# 1715
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:154 Resp: 99718
Ion Ratio Lower Upper
154 100
153 41.4 18.9 58.9
76 9.9 0.0 32.1





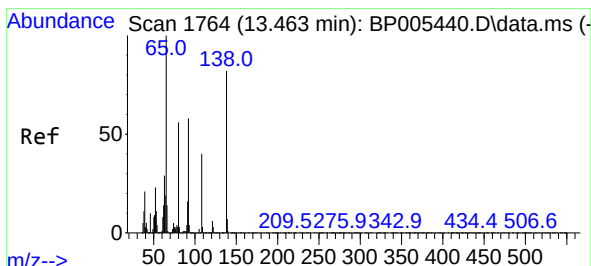
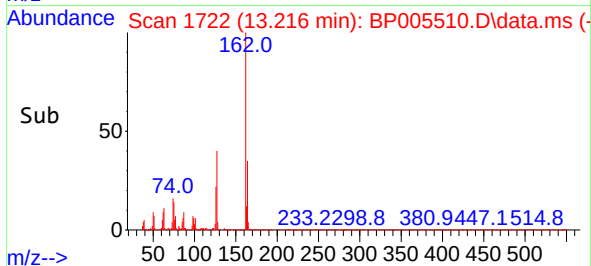
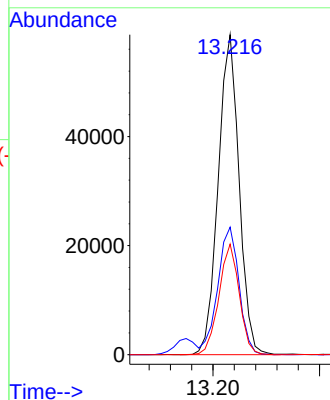
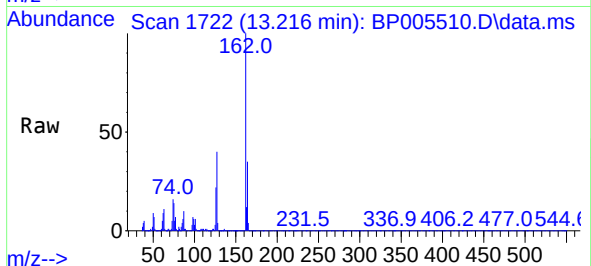
#47
2-Chloronaphthalene
Concen: 44.88 ng
RT: 13.216 min Scan# 1722
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	162	Resp:	79690
Ion Ratio	Lower	Upper	
162	100		
127	39.9	31.4	47.0
164	34.6	26.6	39.8

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

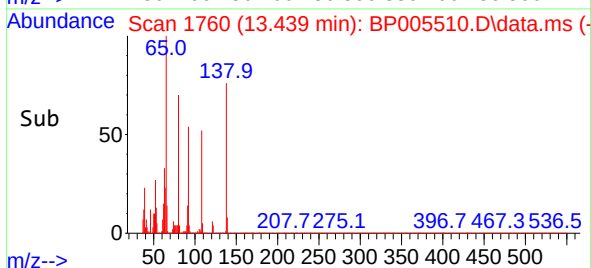
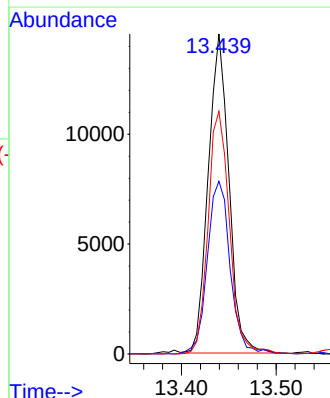
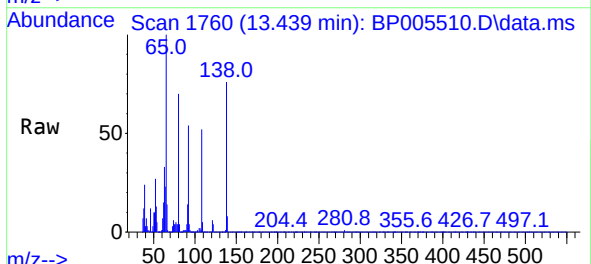
Manual Integrations
APPROVED

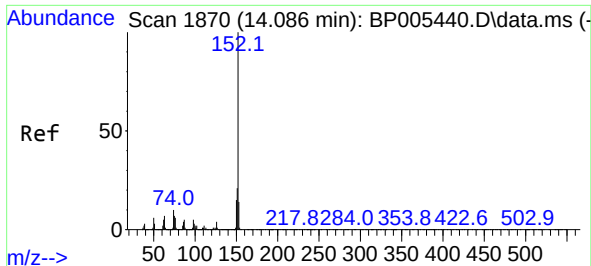
Sohil
5/13/2021 2:51:59 PM



#48
2-Nitroaniline
Concen: 43.53 ng
RT: 13.439 min Scan# 1760
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	65	Resp:	21960
Ion Ratio	Lower	Upper	
65	100		
92	53.9	48.8	73.2
138	75.8	69.5	104.3





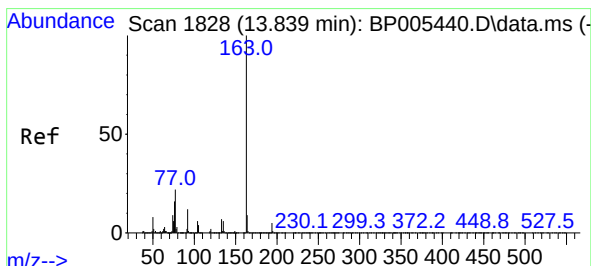
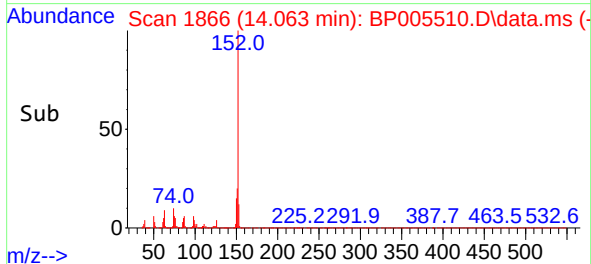
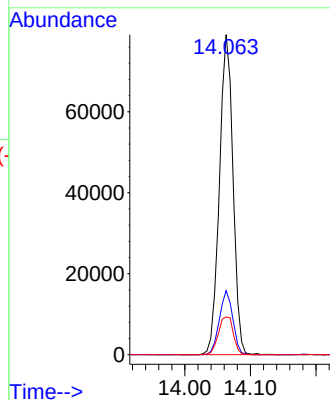
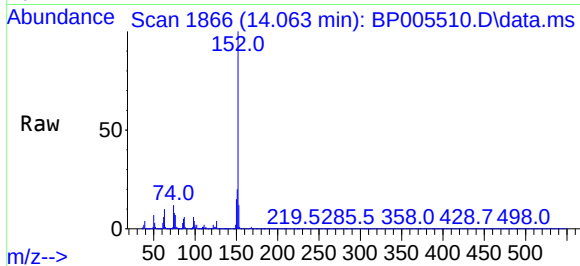
#49
Acenaphthylene
Concen: 44.16 ng
RT: 14.063 min Scan# 1866
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	152	Resp:	112985
Ion Ratio	Lower	Upper	
152	100		
151	20.0	15.8	23.6
153	11.8	10.5	15.7

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

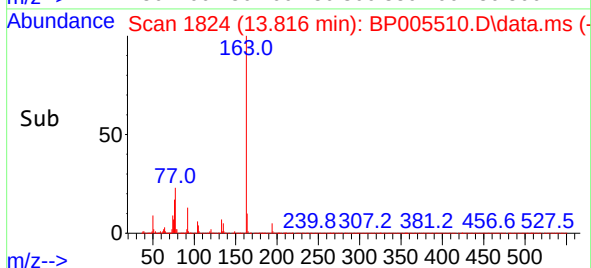
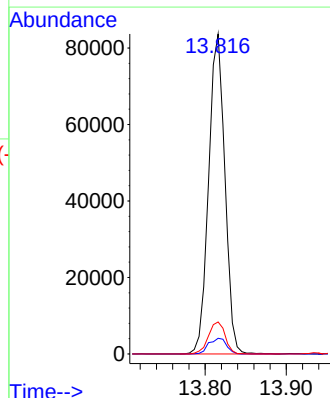
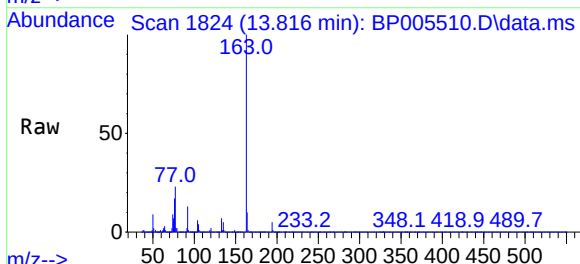
Manual Integrations
APPROVED

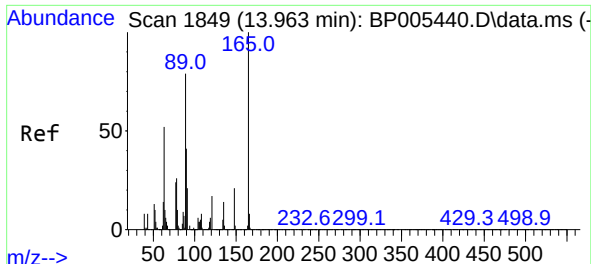
Sohil
5/13/2021 2:51:59 PM



#50
Dimethylphthalate
Concen: 48.59 ng
RT: 13.816 min Scan# 1824
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

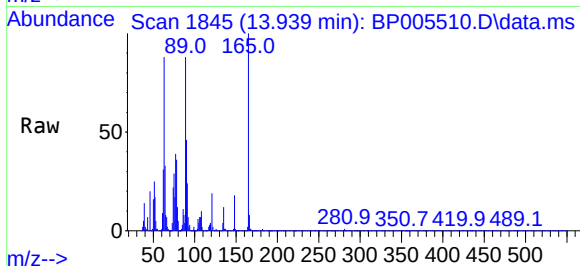
Tgt Ion:	163	Resp:	116183
Ion Ratio	Lower	Upper	
163	100		
194	4.9	3.9	5.9
164	10.0	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 38.04 ng
RT: 13.939 min Scan# 1845
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

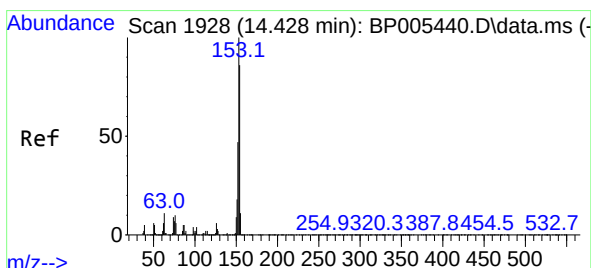
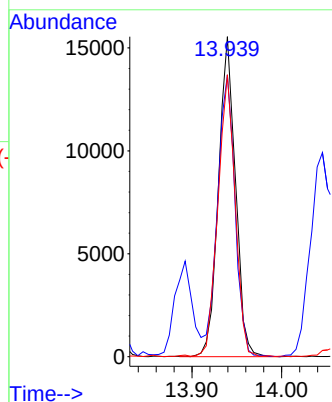
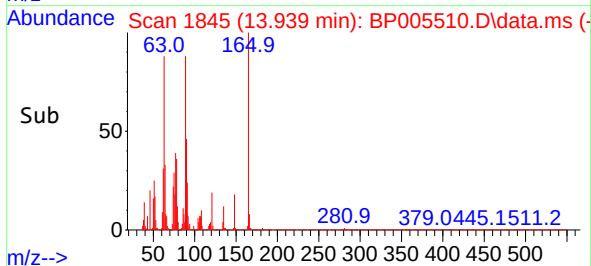
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



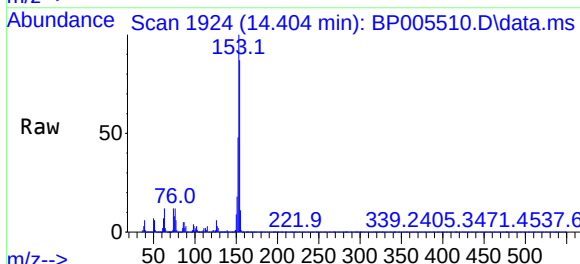
Tgt Ion:165 Resp: 20426
Ion Ratio Lower Upper
165 100
63 88.1 67.4 101.0
89 88.1 73.8 110.6

Manual Integrations
APPROVED

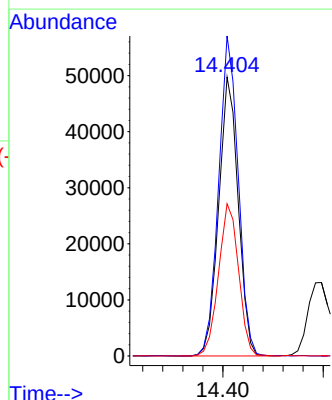
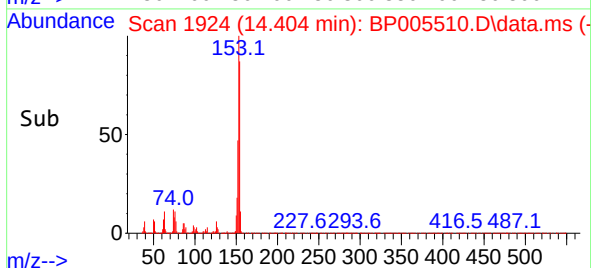
Sohil
5/13/2021 2:51:59 PM

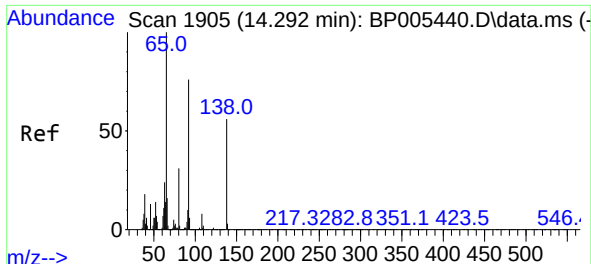


#52
Acenaphthene
Concen: 42.14 ng
RT: 14.404 min Scan# 1924
Delta R.T. -0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33



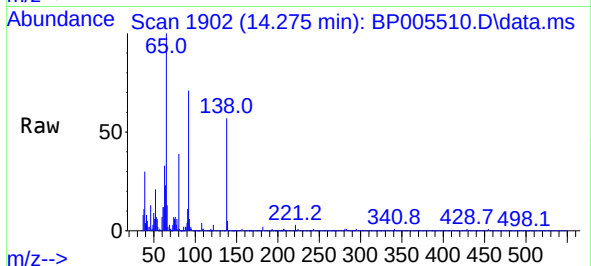
Tgt Ion:154 Resp: 67066
Ion Ratio Lower Upper
154 100
153 114.7 90.9 136.3
152 54.6 48.5 72.7





#53
3-Nitroaniline
Concen: 8.84 ng
RT: 14.275 min Scan# 1902
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

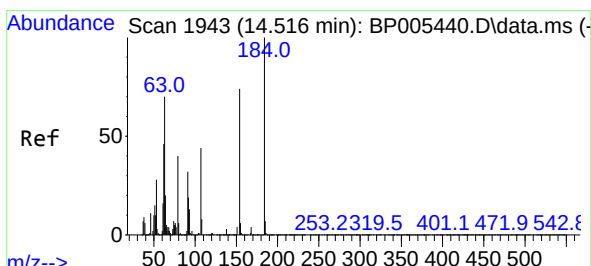
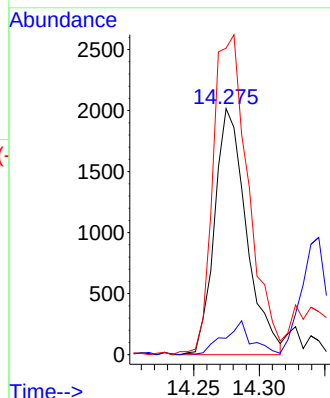
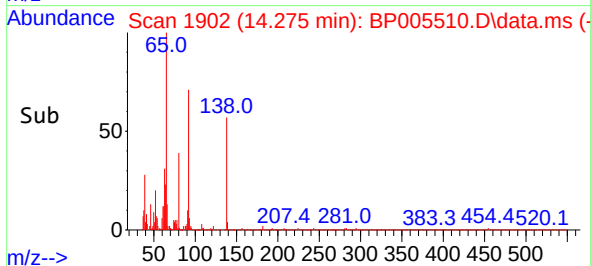
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



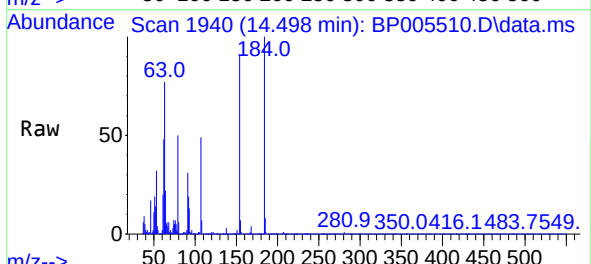
Tgt Ion:138 Resp: 3401
Ion Ratio Lower Upper
138 100
108 6.7 10.2 15.4#
92 124.6 108.1 162.1

Manual Integrations
APPROVED

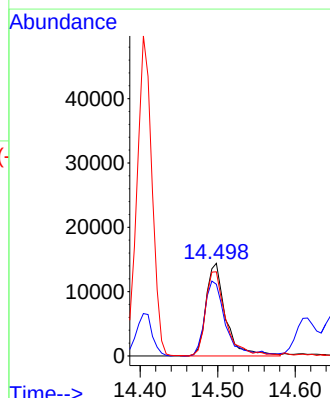
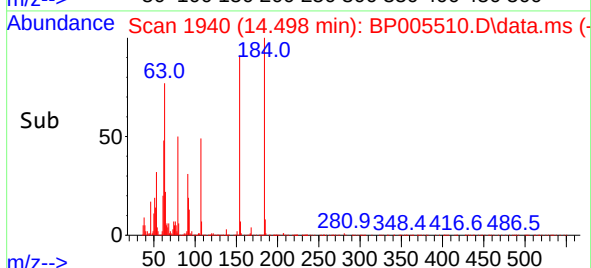
Sohil
5/13/2021 2:51:59 PM

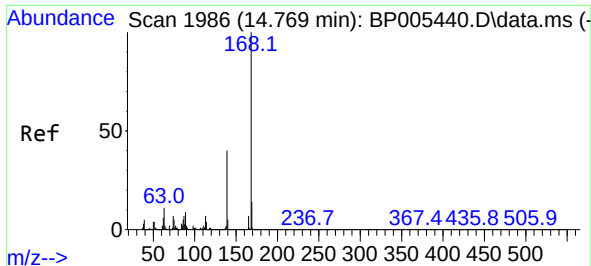


#54
2,4-Dinitrophenol
Concen: 77.71 ng
RT: 14.498 min Scan# 1940
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33



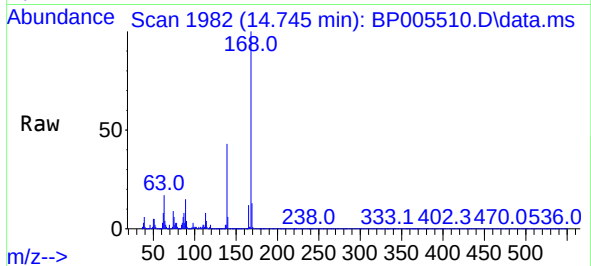
Tgt Ion:184 Resp: 25169
Ion Ratio Lower Upper
184 100
63 77.4 51.2 76.8#
154 90.9 55.8 83.8#





#55
Dibenzofuran
Concen: 42.60 ng
RT: 14.745 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

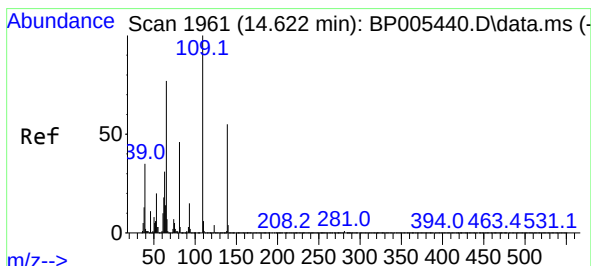
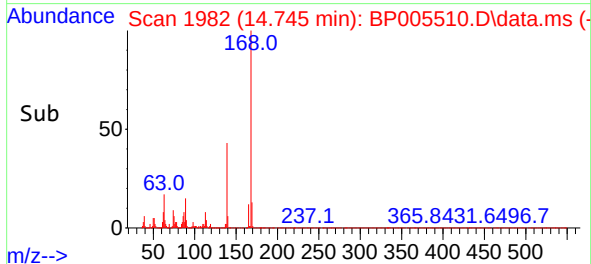
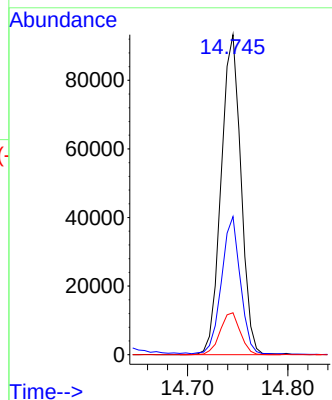
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



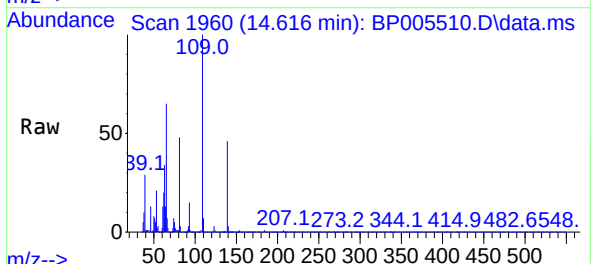
Tgt Ion:168 Resp: 127540
Ion Ratio Lower Upper
168 100
139 43.2 31.4 47.0
169 13.1 11.4 17.0

Manual Integrations
APPROVED

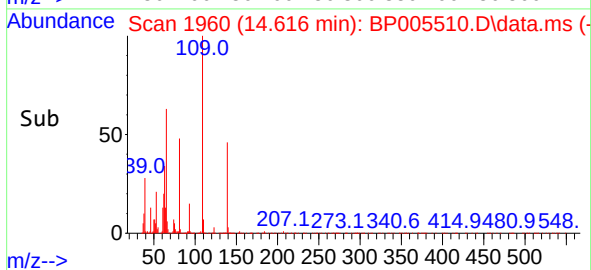
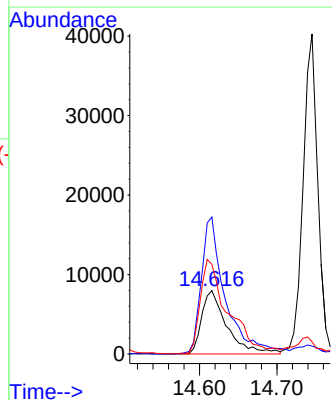
Sohil
5/13/2021 2:51:59 PM

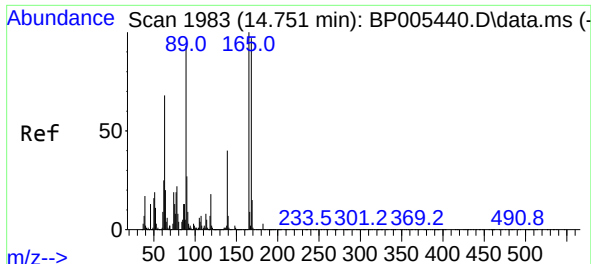


#56
4-Nitrophenol
Concen: 62.06 ng
RT: 14.616 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33



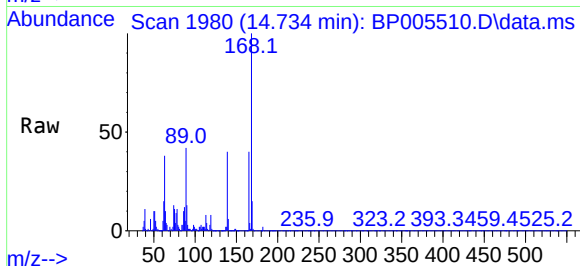
Tgt Ion:139 Resp: 18023
Ion Ratio Lower Upper
139 100
109 216.0 122.8 162.8#
65 141.3 110.0 150.0





#57
2,4-Dinitrotoluene
Concen: 36.70 ng
RT: 14.734 min Scan# 1980
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

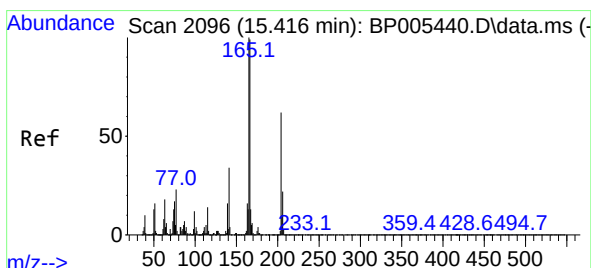
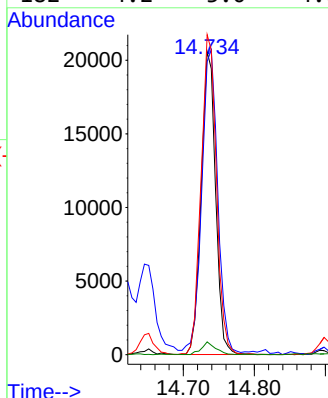
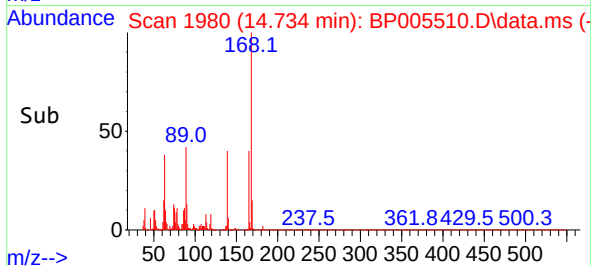
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



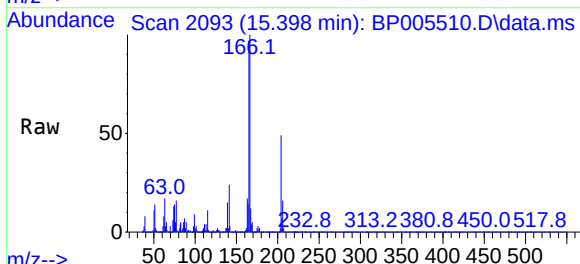
Tgt Ion:165 Resp: 29050
Ion Ratio Lower Upper
165 100
63 96.8 56.7 85.1#
89 105.7 85.8 128.6
182 4.2 3.0 4.6

Manual Integrations
APPROVED

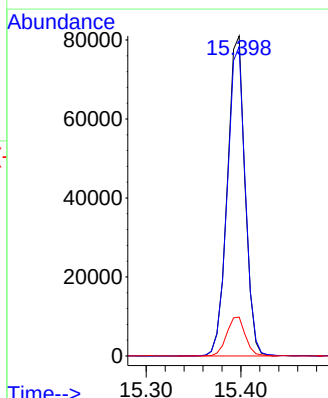
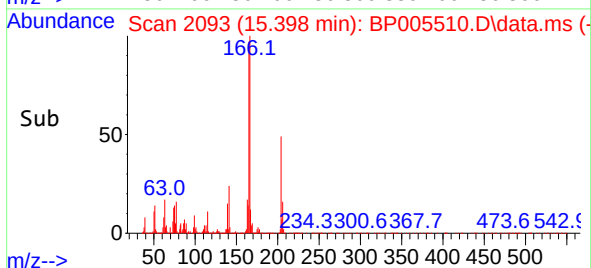
Sohil
5/13/2021 2:51:59 PM

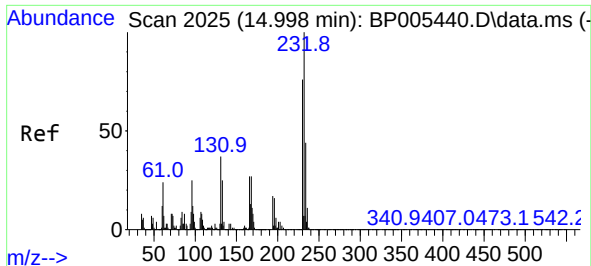


#58
Fluorene
Concen: 42.85 ng
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33



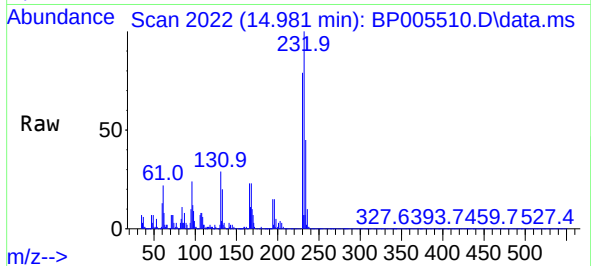
Tgt Ion:166 Resp: 104762
Ion Ratio Lower Upper
166 100
165 96.6 78.8 118.2
167 12.2 10.9 16.3





#59
2,3,4,6-Tetrachlorophenol
Concen: 41.41 ng
RT: 14.981 min Scan# 2022
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

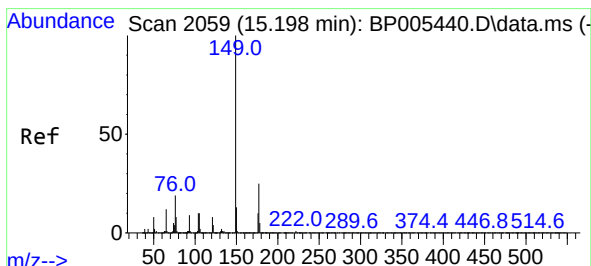
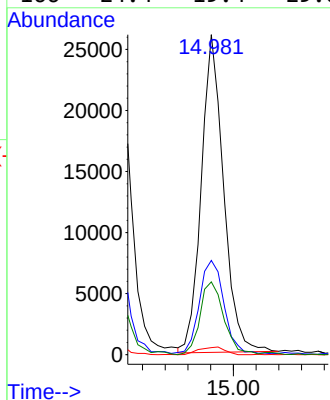
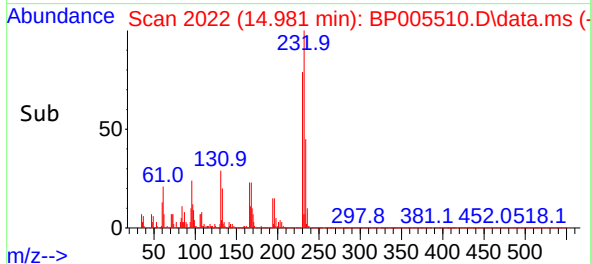
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



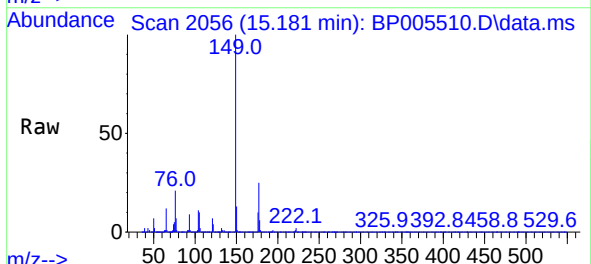
Tgt Ion	Ratio	Lower	Upper
232	100		
131	32.4	26.5	39.7
130	2.8	2.1	3.1
166	24.4	19.4	29.0

Manual Integrations
APPROVED

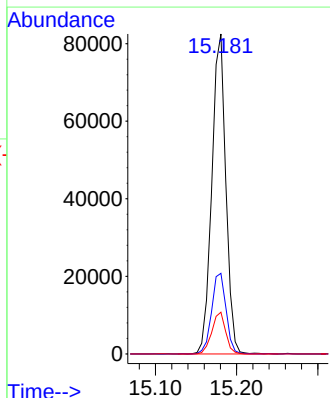
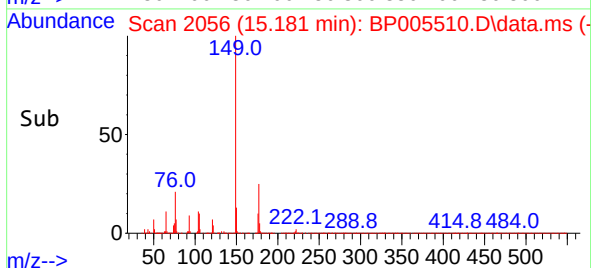
Sohil
5/13/2021 2:51:59 PM

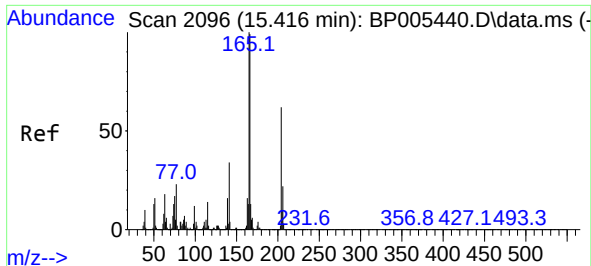


#60
Diethylphthalate
Concen: 42.66 ng
RT: 15.181 min Scan# 2056
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33



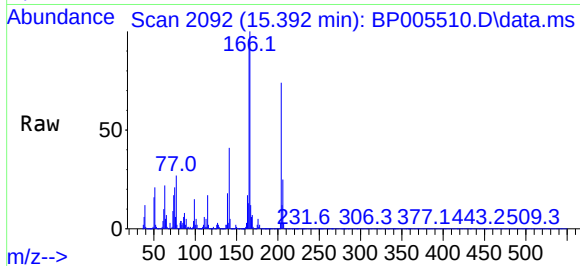
Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.2	19.2	28.8
150	13.0	9.9	14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.89 ng
RT: 15.392 min Scan# 2092
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

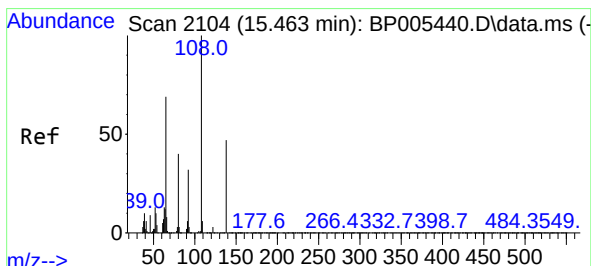
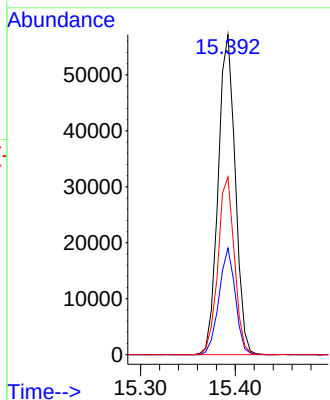
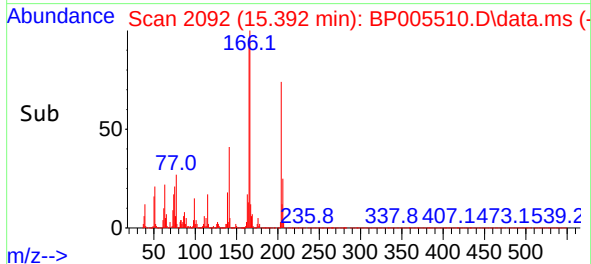
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



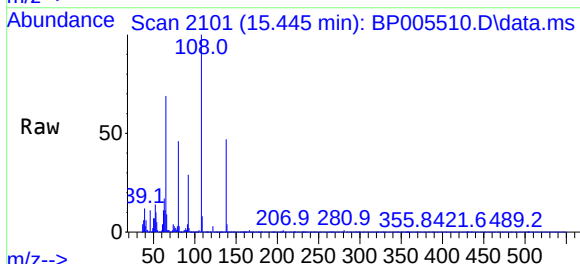
Tgt Ion:204 Resp: 71724
Ion Ratio Lower Upper
204 100
206 33.3 26.0 39.0
141 55.5 44.2 66.2

Manual Integrations
APPROVED

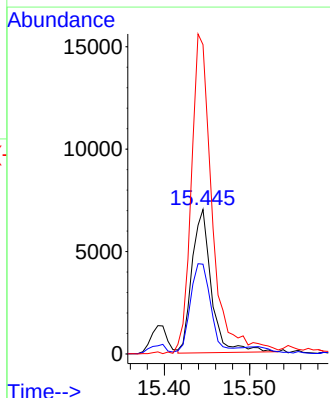
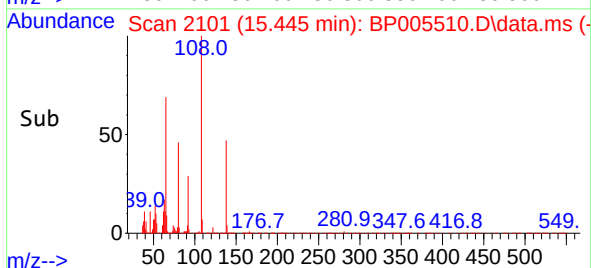
Sohil
5/13/2021 2:51:59 PM

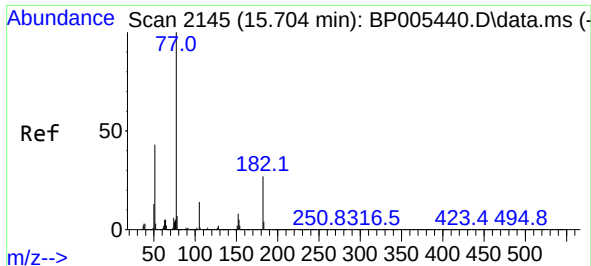


#62
4-Nitroaniline
Concen: 29.97 ng
RT: 15.445 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33



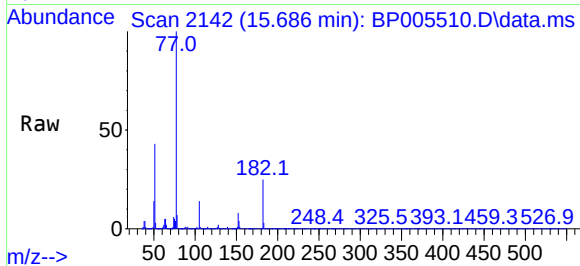
Tgt Ion:138 Resp: 11078
Ion Ratio Lower Upper
138 100
92 62.2 50.9 90.9
108 214.1 154.7 194.7#





#63
Azobenzene
Concen: 46.86 ng
RT: 15.686 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

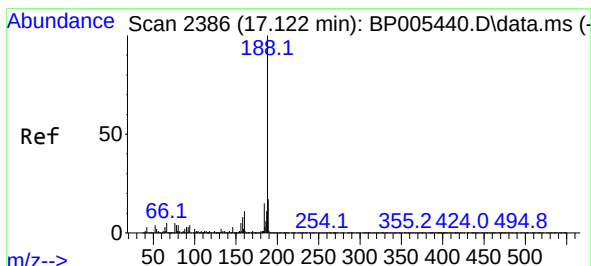
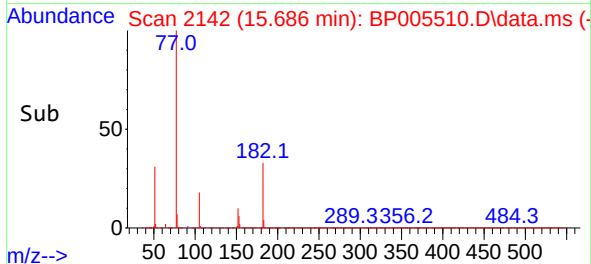
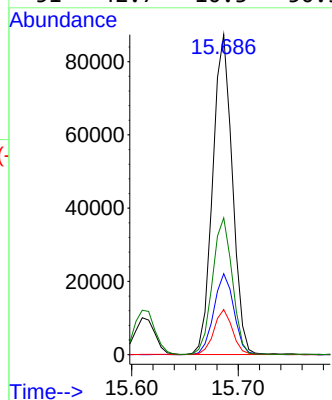
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



Tgt Ion	Ratio	Lower	Upper
77	100		
182	25.3	5.5	45.5
105	14.1	0.0	36.5
51	42.7	10.3	50.3

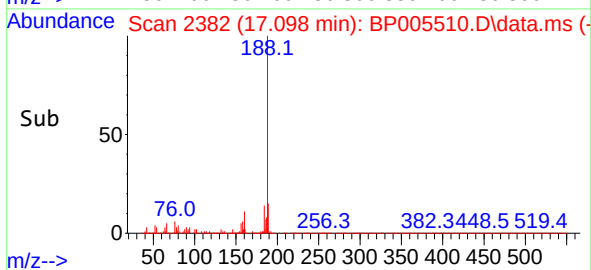
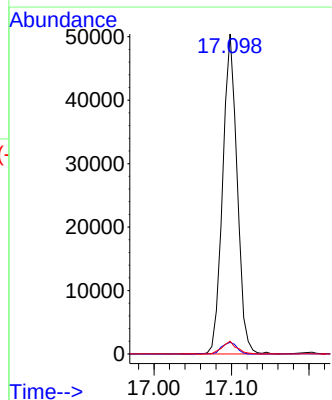
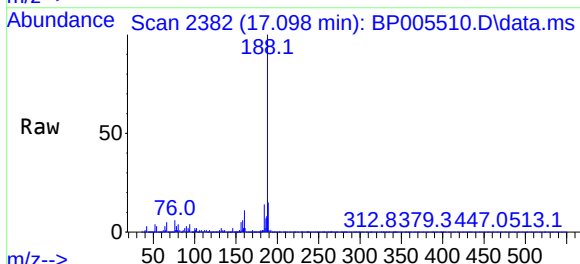
Manual Integrations
APPROVED

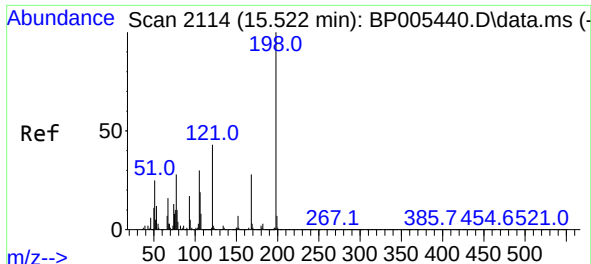
Sohil
5/13/2021 2:51:59 PM



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion	Ratio	Lower	Upper
188	100		
94	3.6	5.0	7.6#
80	4.0	5.9	8.9#





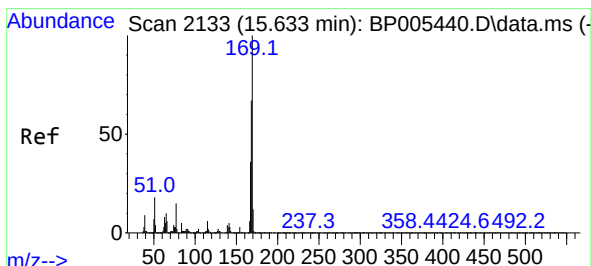
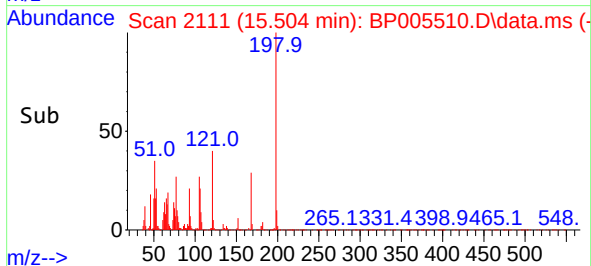
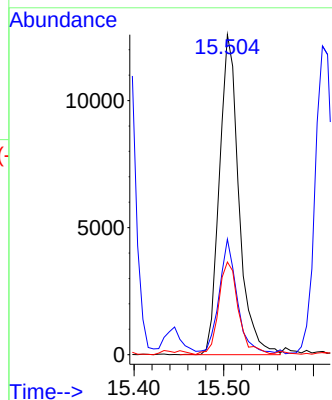
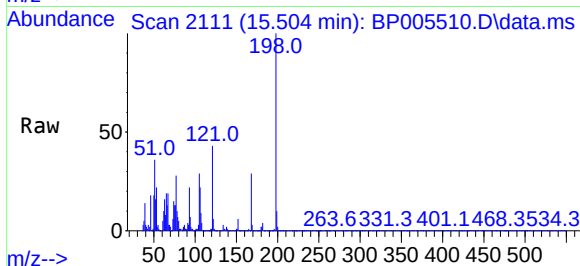
#65
4,6-Dinitro-2-methylphenol
Concen: 36.77 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	198	Resp:	19035
Ion Ratio	Lower	Upper	
198	100		
51	36.1	10.3	50.3
105	28.9	13.6	53.6

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

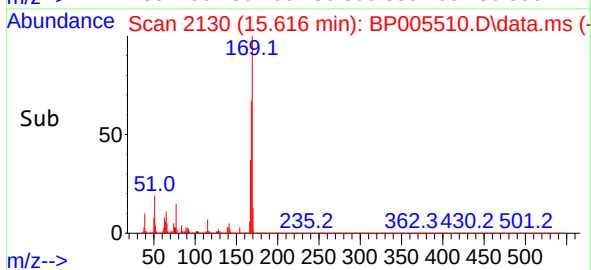
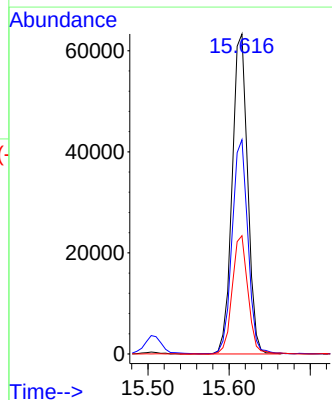
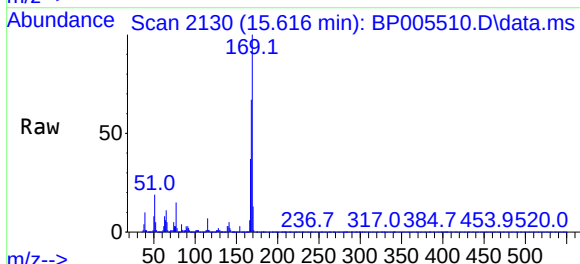
Manual Integrations
APPROVED

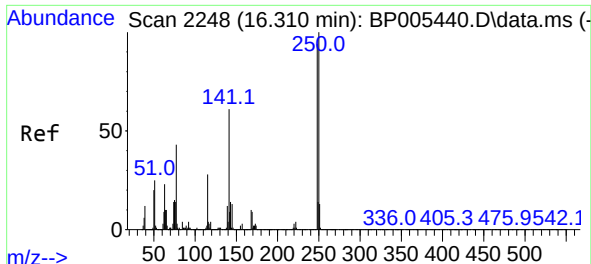
Sohil
5/13/2021 2:51:59 PM



#66
n-Nitrosodiphenylamine
Concen: 43.92 ng
RT: 15.616 min Scan# 2130
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

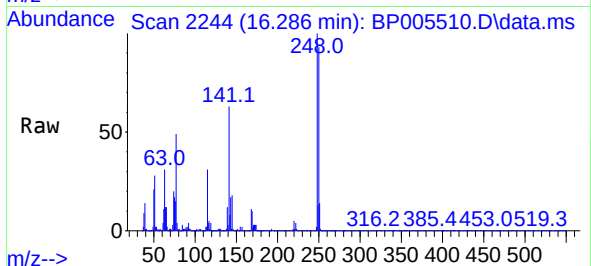
Tgt Ion:	169	Resp:	83731
Ion Ratio	Lower	Upper	
169	100		
168	67.0	55.2	82.8
167	37.0	36.6	54.8





#67
4-Bromophenyl-phenylether
Concen: 48.56 ng
RT: 16.286 min Scan# 2244
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

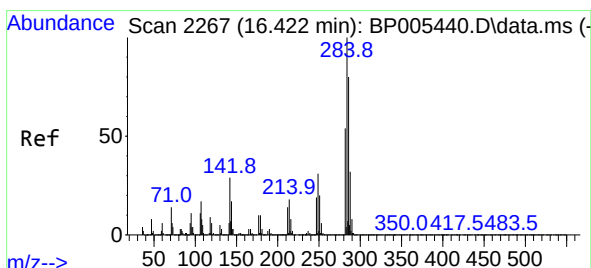
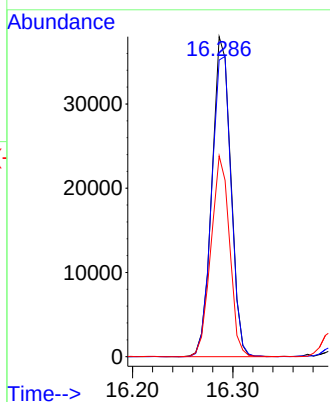
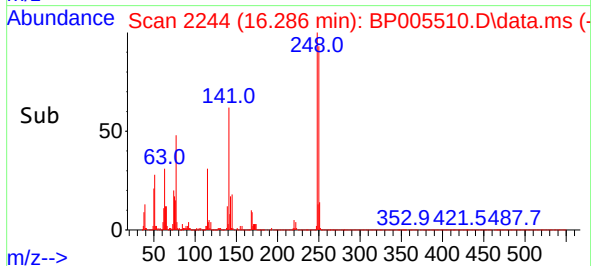
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



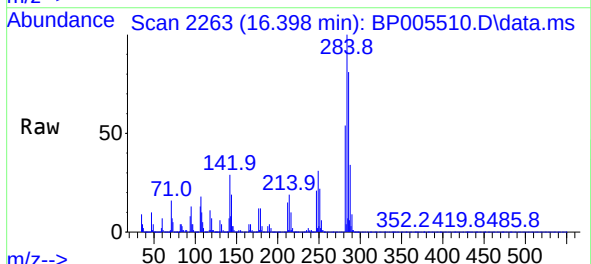
Tgt Ion:248 Resp: 49515
Ion Ratio Lower Upper
248 100
250 92.7 77.5 116.3
141 62.8 50.1 75.1

Manual Integrations
APPROVED

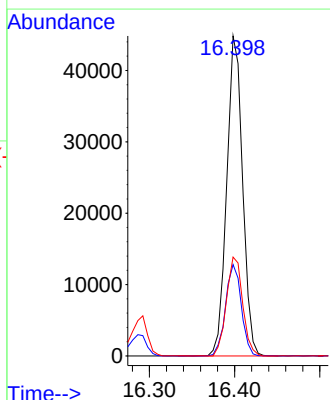
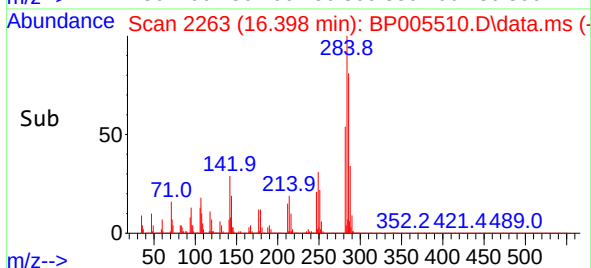
Sohil
5/13/2021 2:51:59 PM

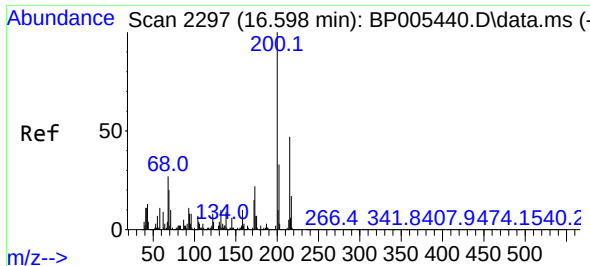


#68
Hexachlorobenzene
Concen: 44.81 ng
RT: 16.398 min Scan# 2263
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33



Tgt Ion:284 Resp: 57951
Ion Ratio Lower Upper
284 100
142 28.6 20.8 31.2
249 30.9 23.7 35.5





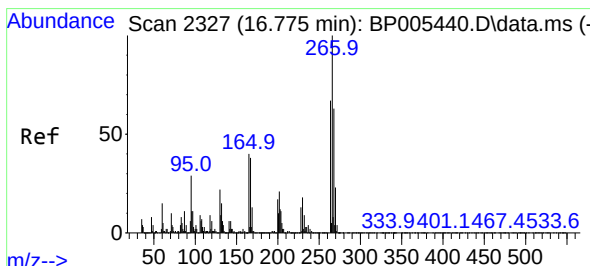
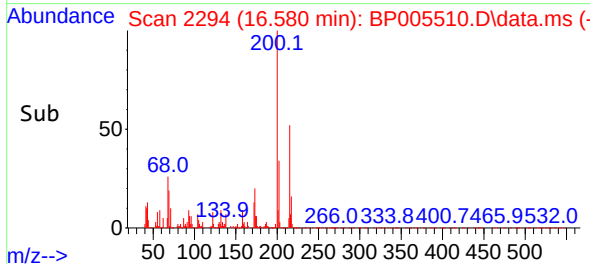
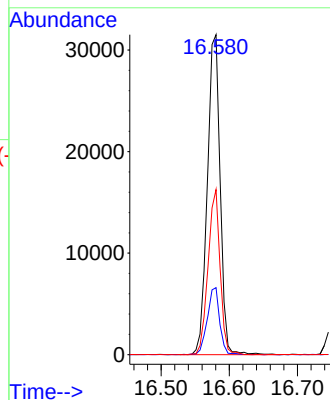
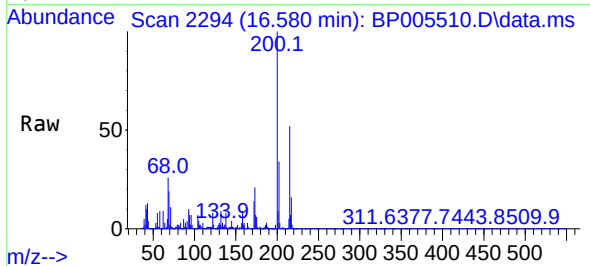
#69
Atrazine
Concen: 46.25 ng
RT: 16.580 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	200	Resp:	41193
Ion Ratio	Lower	Upper	
200	100		
173	20.9	0.7	40.7
215	51.6	29.0	69.0

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

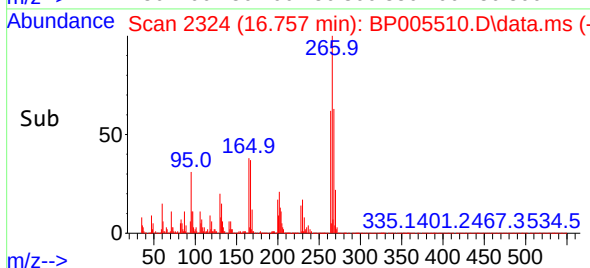
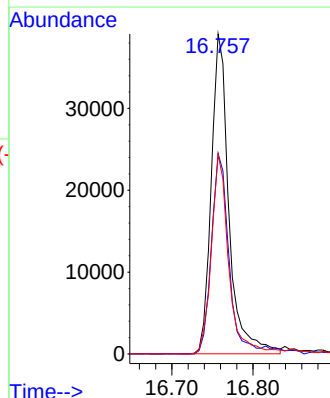
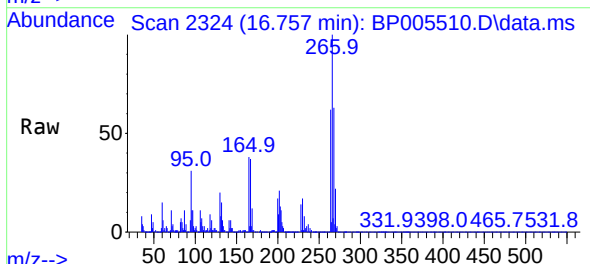
Manual Integrations
APPROVED

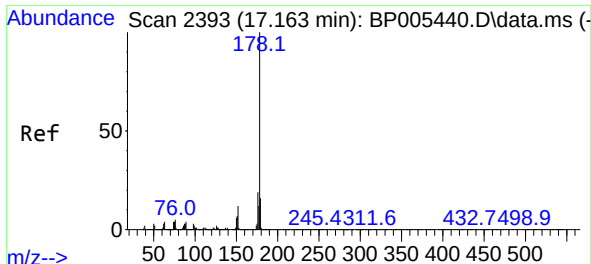
Sohil
5/13/2021 2:51:59 PM



#70
Pentachlorophenol
Concen: 86.00 ng
RT: 16.757 min Scan# 2324
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	266	Resp:	59007
Ion Ratio	Lower	Upper	
266	100		
268	62.7	49.4	74.0
264	62.3	53.7	80.5





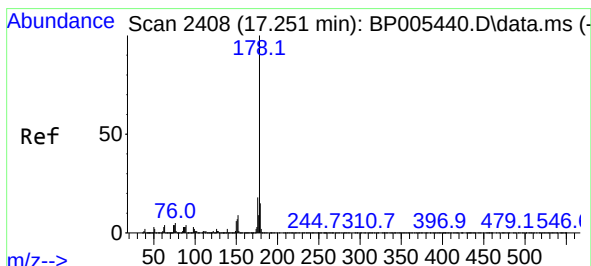
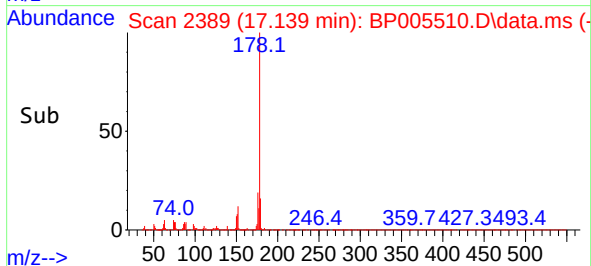
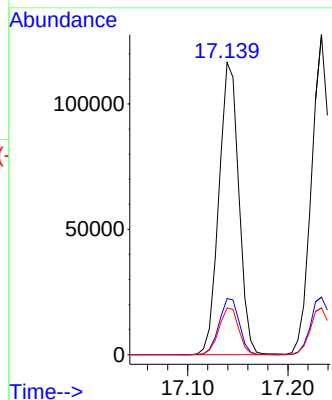
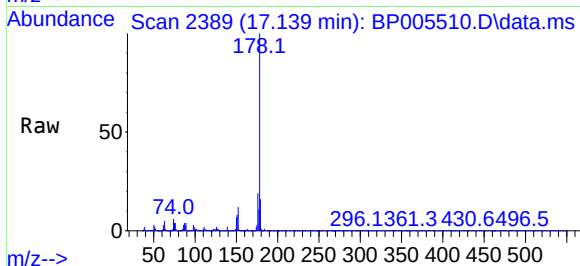
#71
Phenanthrene
Concen: 43.23 ng
RT: 17.139 min Scan# 2389
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:178 Resp: 160466
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.0 12.3 18.5

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

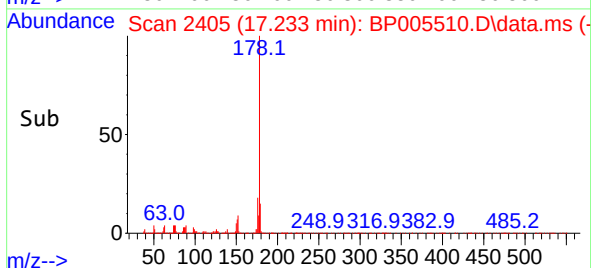
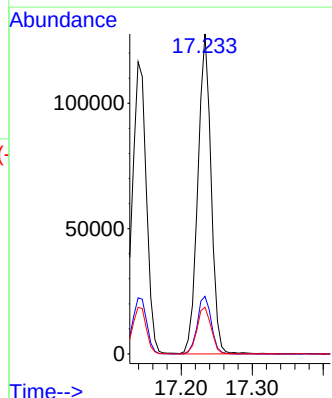
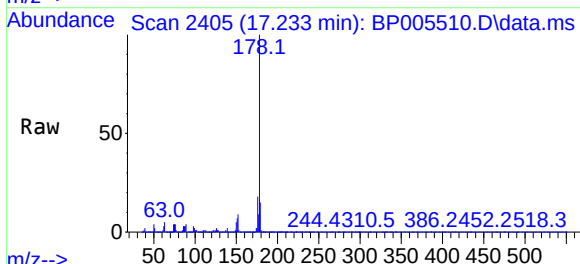
Manual Integrations
APPROVED

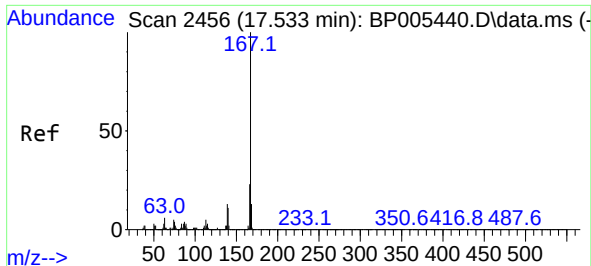
Sohil
5/13/2021 2:51:59 PM



#72
Anthracene
Concen: 44.98 ng
RT: 17.233 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

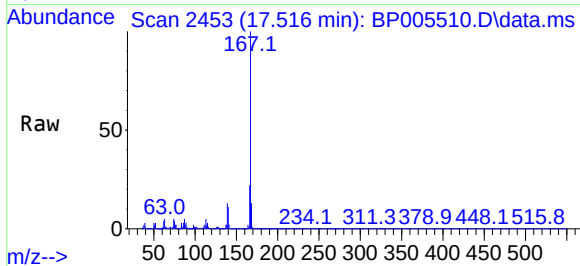
Tgt Ion:178 Resp: 165685
Ion Ratio Lower Upper
178 100
176 18.0 15.2 22.8
179 14.6 12.6 19.0





#73
 Carbazole
 Concen: 38.25 ng
 RT: 17.516 min Scan# 2453
 Delta R.T. -0.000 min
 Lab File: BP005510.D
 Acq: 12 May 2021 18:33

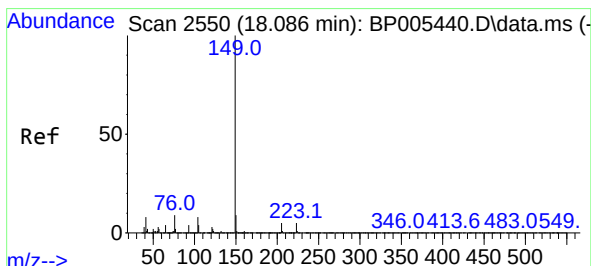
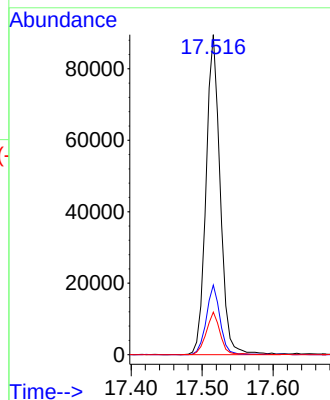
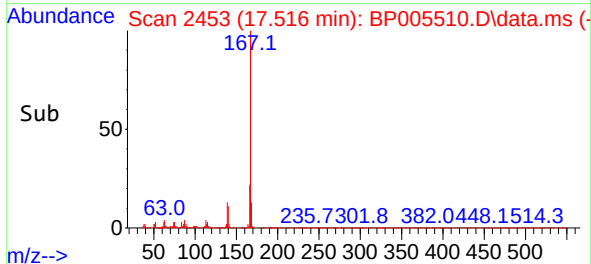
Instrument :
 BNA_P
 ClientSampleId :
 AST2-COPR4-1MSD



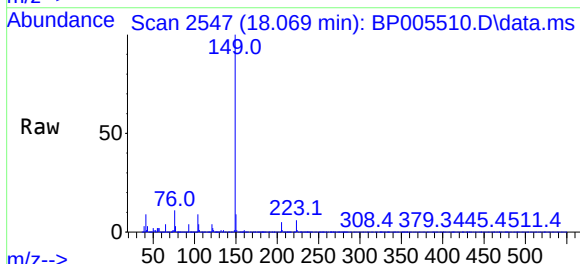
Tgt Ion:167 Resp: 124101
 Ion Ratio Lower Upper
 167 100
 166 21.8 17.4 26.0
 139 13.3 10.4 15.6

Manual Integrations
 APPROVED

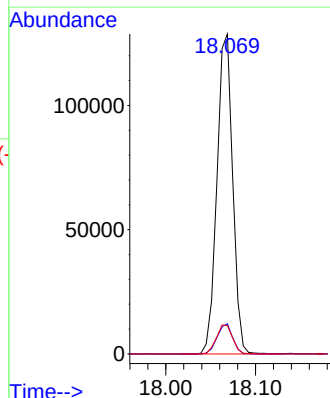
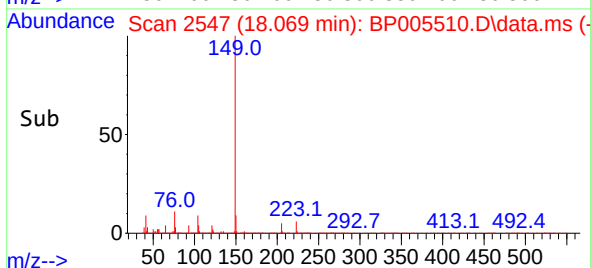
Sohil
 5/13/2021 2:51:59 PM

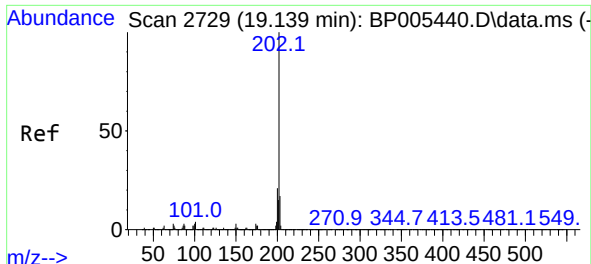


#74
 Di-n-butylphthalate
 Concen: 43.90 ng
 RT: 18.069 min Scan# 2547
 Delta R.T. 0.006 min
 Lab File: BP005510.D
 Acq: 12 May 2021 18:33



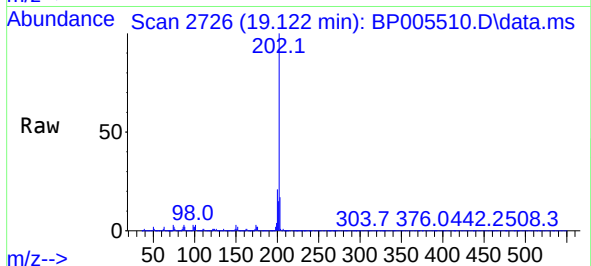
Tgt Ion:149 Resp: 156342
 Ion Ratio Lower Upper
 149 100
 150 9.4 7.6 11.4
 104 8.9 8.9 13.3#





#75
Fluoranthene
Concen: 41.19 ng
RT: 19.122 min Scan# 2726
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

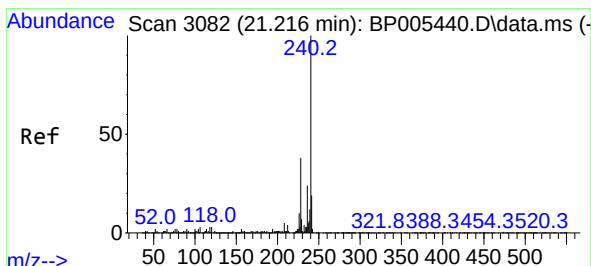
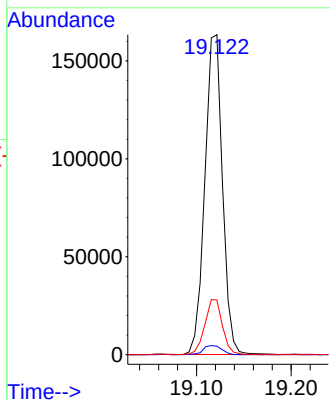
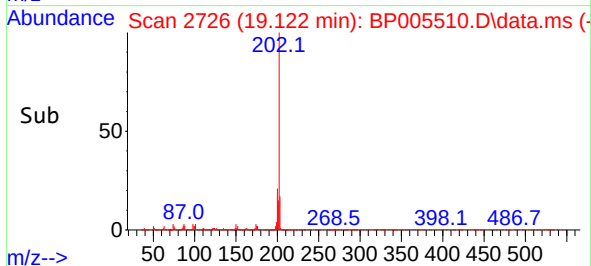
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



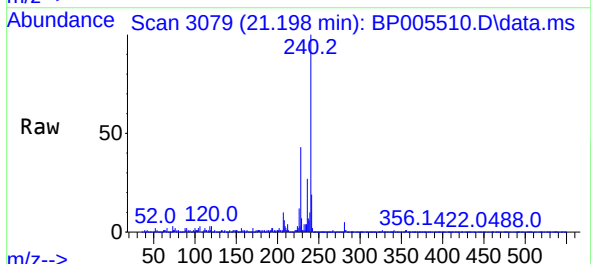
Tgt Ion:202 Resp: 210316
Ion Ratio Lower Upper
202 100
101 2.7 0.0 26.1
203 17.1 0.0 37.2

Manual Integrations
APPROVED

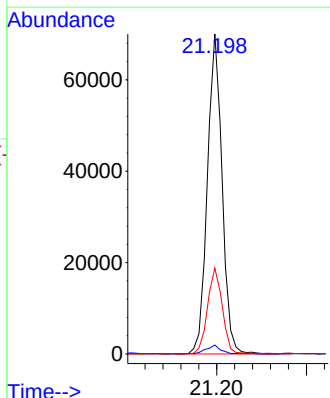
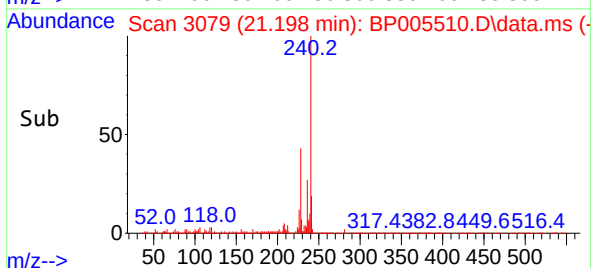
Sohil
5/13/2021 2:51:59 PM

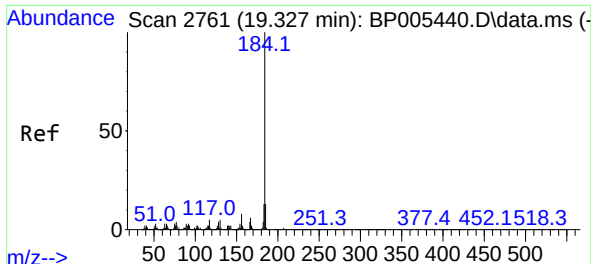


#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33



Tgt Ion:240 Resp: 79645
Ion Ratio Lower Upper
240 100
120 2.8 4.2 6.2#
236 26.8 20.2 30.2





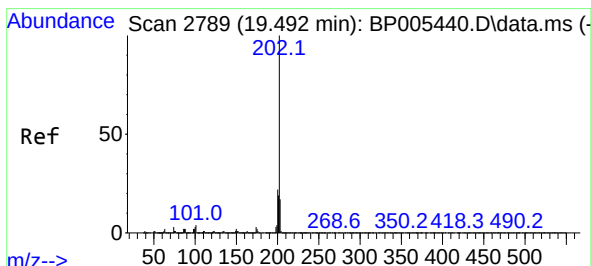
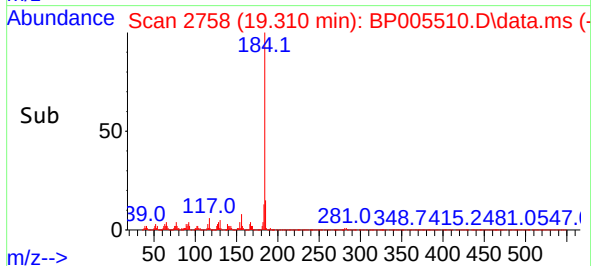
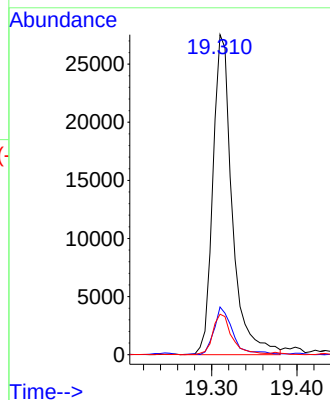
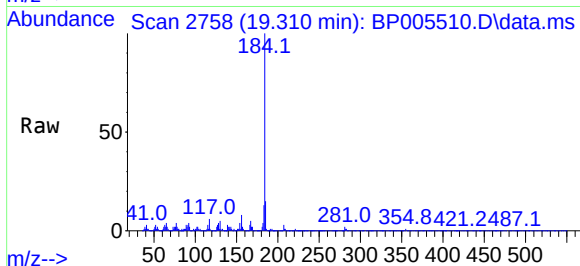
#77
Benzidine
Concen: 35.20 ng
RT: 19.310 min Scan# 2758
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	184	Resp:	43391
Ion Ratio	Lower	Upper	
184	100		
185	14.9	11.1	16.7
183	12.7	9.8	14.8

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

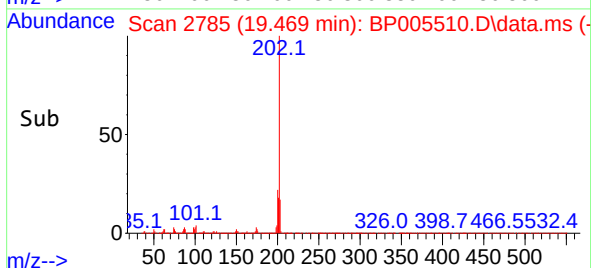
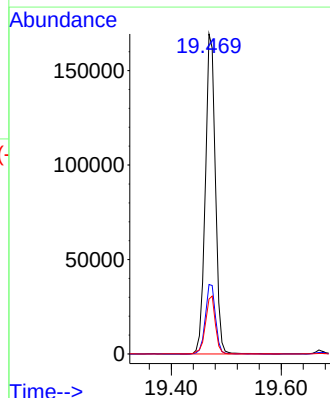
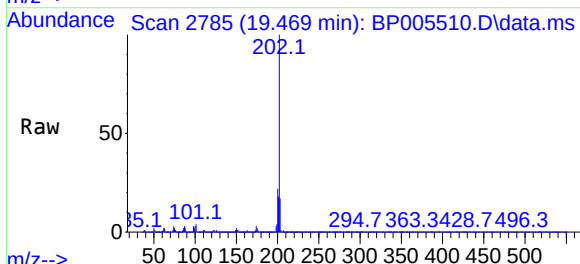
Manual Integrations
APPROVED

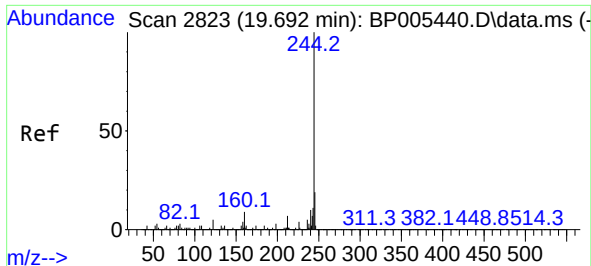
Sohil
5/13/2021 2:51:59 PM



#78
Pyrene
Concen: 47.53 ng
RT: 19.469 min Scan# 2785
Delta R.T. -0.000 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	202	Resp:	214323
Ion Ratio	Lower	Upper	
202	100		
200	21.7	16.9	25.3
203	17.2	13.8	20.6





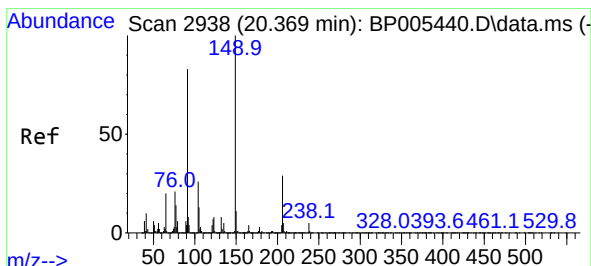
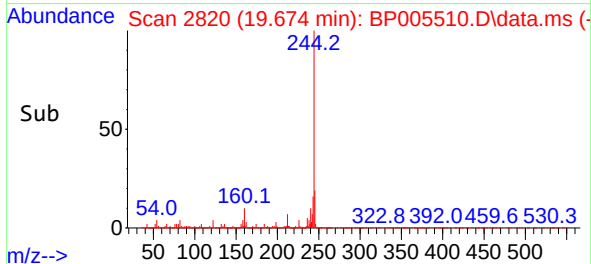
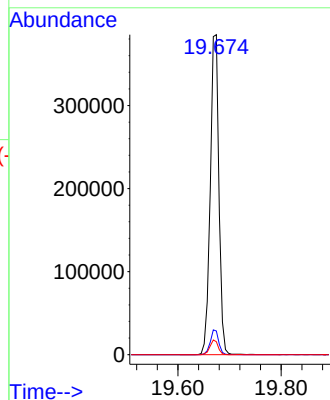
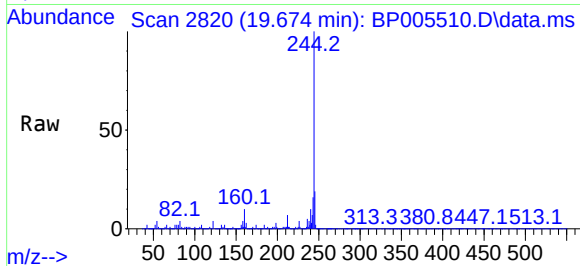
#79
Terphenyl-d14
Concen: 95.35 ng
RT: 19.674 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:244 Resp: 447174
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.6
122 4.1 5.2 7.8#

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

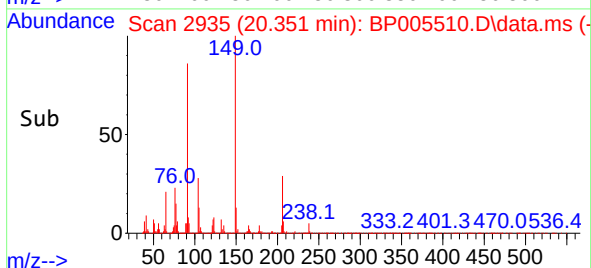
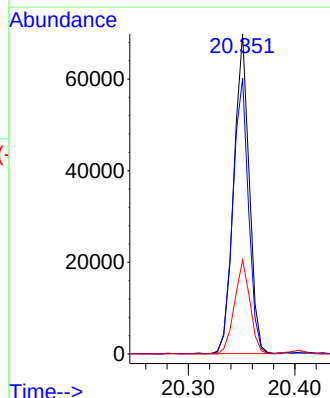
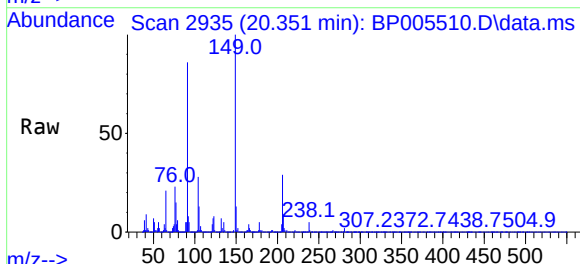
Manual Integrations
APPROVED

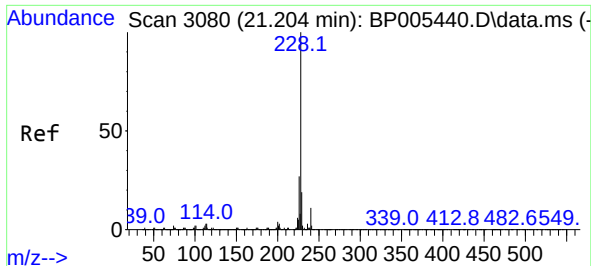
Sohil
5/13/2021 2:51:59 PM



#80
Butylbenzylphthalate
Concen: 48.03 ng
RT: 20.351 min Scan# 2935
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

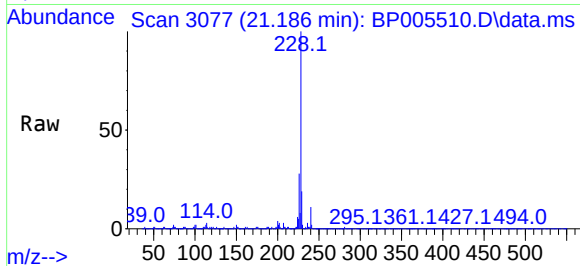
Tgt Ion:149 Resp: 69966
Ion Ratio Lower Upper
149 100
91 86.1 60.2 90.4
206 29.4 23.9 35.9





#81
Benzo(a)anthracene
Concen: 45.68 ng
RT: 21.186 min Scan# 3077
Delta R.T. 0.012 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

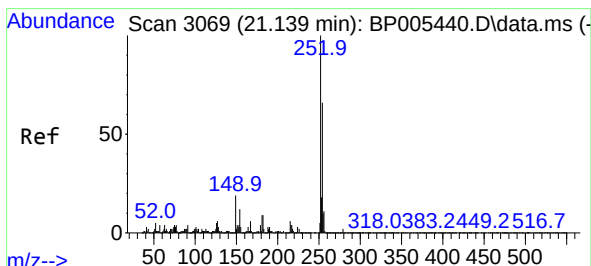
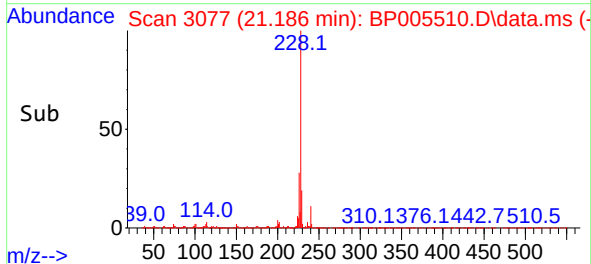
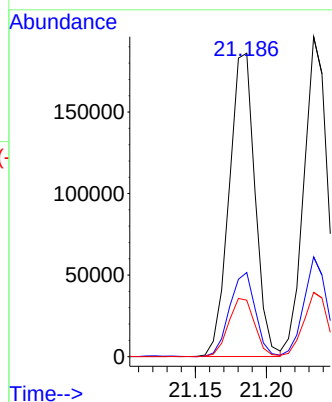
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



Tgt Ion:228 Resp: 235758
Ion Ratio Lower Upper
228 100
226 27.7 21.2 31.8
229 18.6 15.6 23.4

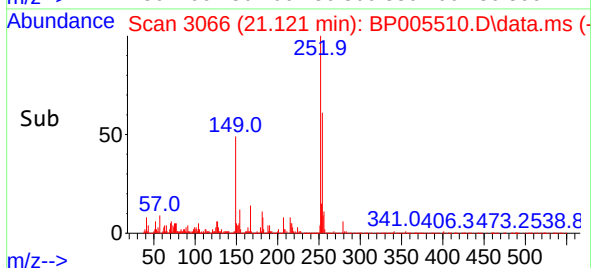
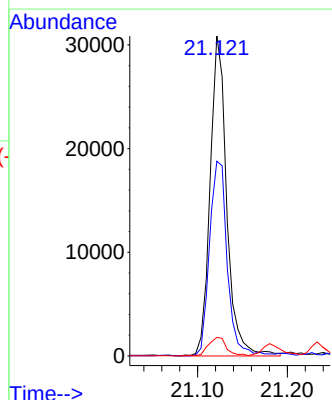
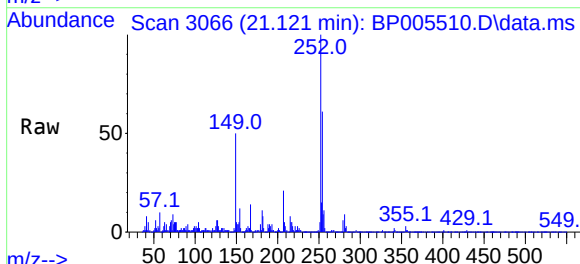
Manual Integrations
APPROVED

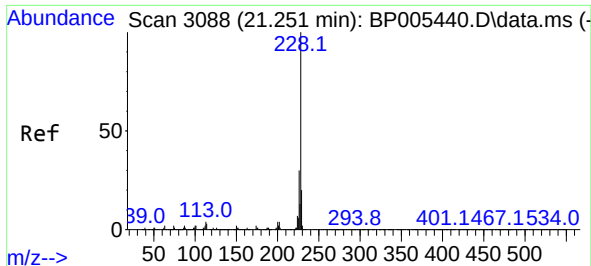
Sohil
5/13/2021 2:51:59 PM



#82
3,3'-Dichlorobenzidine
Concen: 20.43 ng
RT: 21.121 min Scan# 3066
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:252 Resp: 39729
Ion Ratio Lower Upper
252 100
254 60.9 49.9 74.9
126 5.8 5.5 8.3





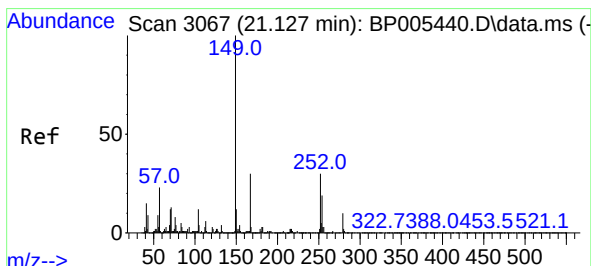
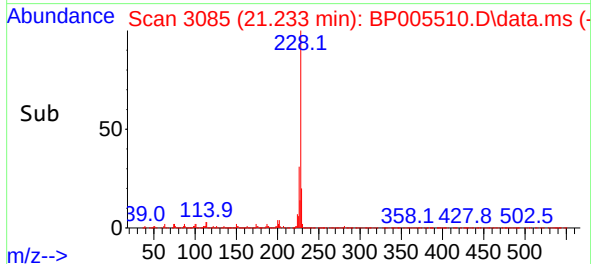
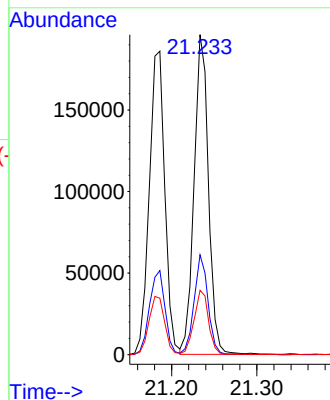
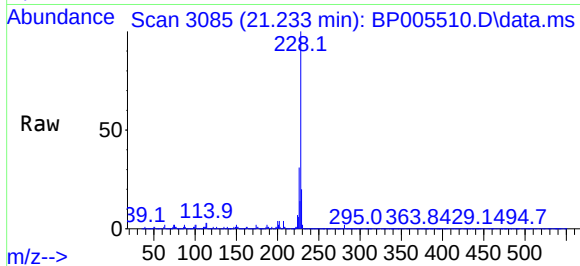
#83
Chrysene
Concen: 45.84 ng
RT: 21.233 min Scan# 3085
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:	228	Resp:	229319
Ion Ratio	Lower	Upper	
228	100		
226	31.2	24.8	37.2
229	20.1	15.4	23.0

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

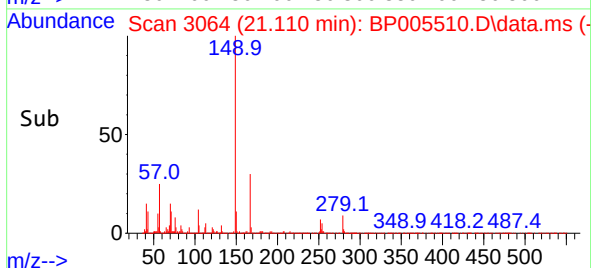
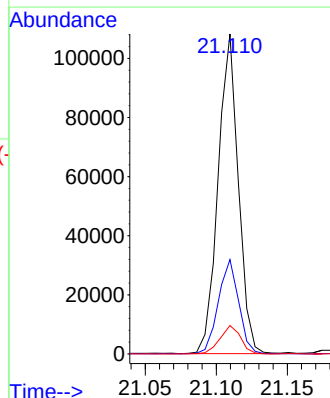
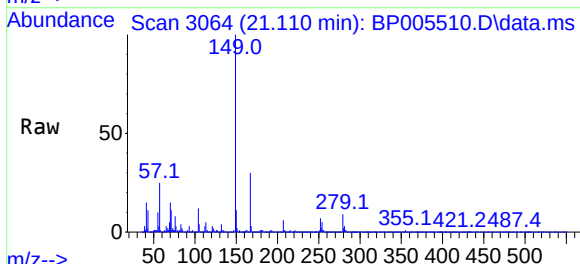
Manual Integrations
APPROVED

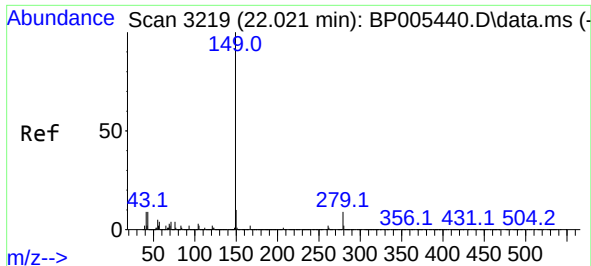
Sohil
5/13/2021 2:51:59 PM



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.07 ng
RT: 21.110 min Scan# 3064
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

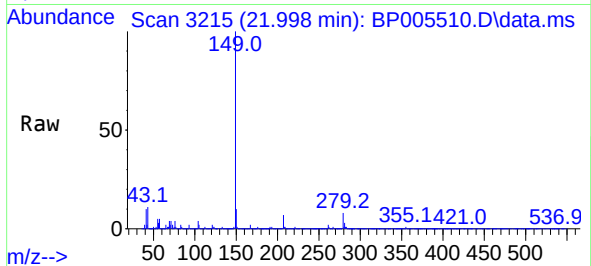
Tgt Ion:	149	Resp:	107092
Ion Ratio	Lower	Upper	
149	100		
167	29.5	23.8	35.8
279	8.9	5.7	8.5#





#85
Di-n-octyl phthalate
Concen: 50.08 ng
RT: 21.998 min Scan# 3215
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

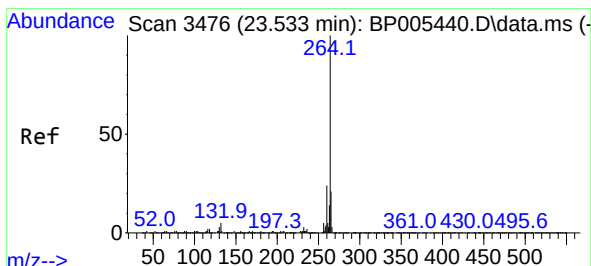
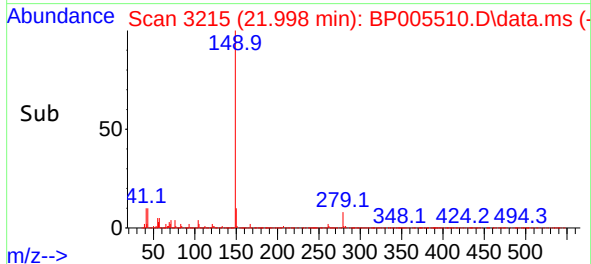
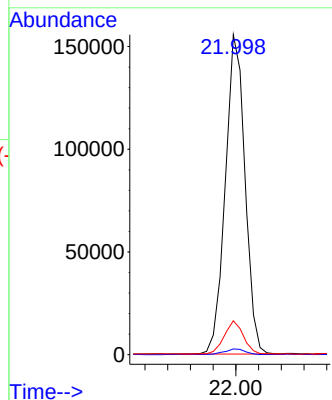
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



Tgt Ion:149 Resp: 187381
Ion Ratio Lower Upper
149 100
167 1.9 1.5 2.3
43 10.2 5.1 7.7#

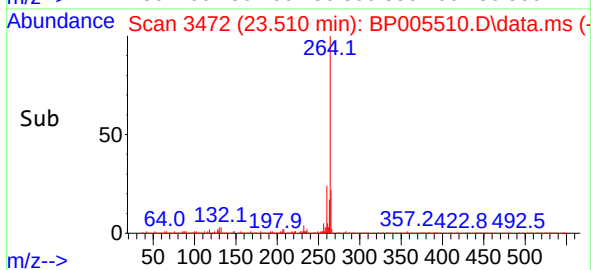
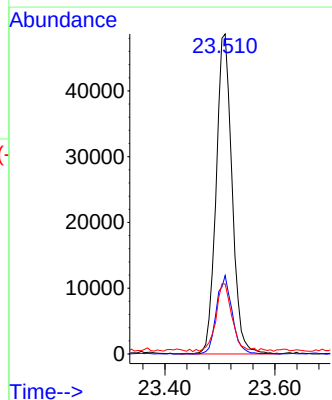
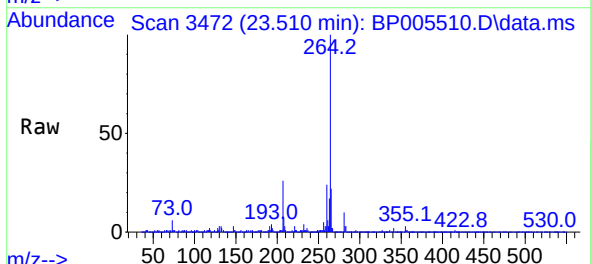
Manual Integrations
APPROVED

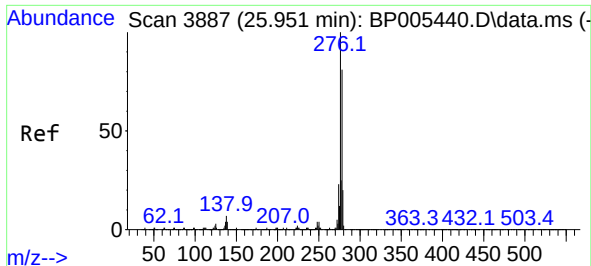
Sohil
5/13/2021 2:51:59 PM



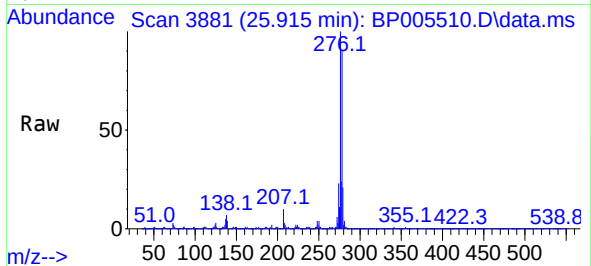
#86
Perylene-d12
Concen: 20.00 ng
RT: 23.510 min Scan# 3472
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion:264 Resp: 97846
Ion Ratio Lower Upper
264 100
260 24.5 20.6 30.8
265 21.9 19.0 28.6

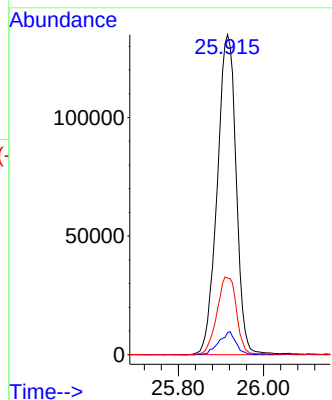




#87
Indeno(1,2,3-cd)pyrene
Concen: 50.55 ng
RT: 25.915 min Scan# 3881
Delta R.T. 0.012 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33



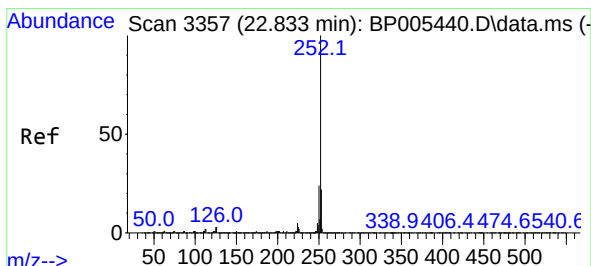
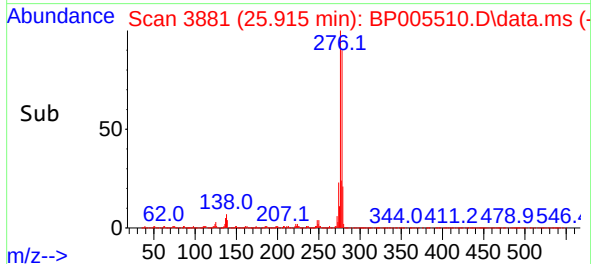
Tgt Ion: 276 Resp: 416106
Ion Ratio Lower Upper
276 100
138 6.5 8.4 12.6#
277 25.1 20.6 31.0



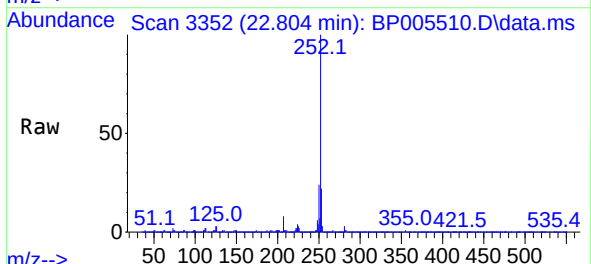
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD

Manual Integrations
APPROVED

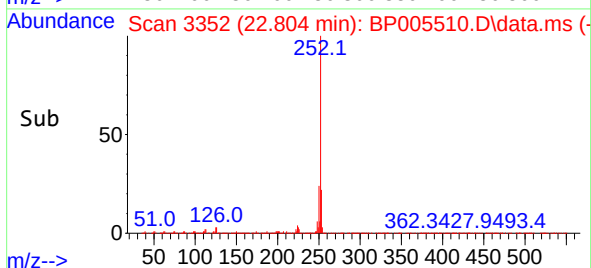
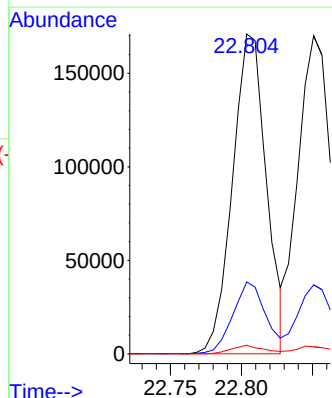
Sohil
5/13/2021 2:51:59 PM

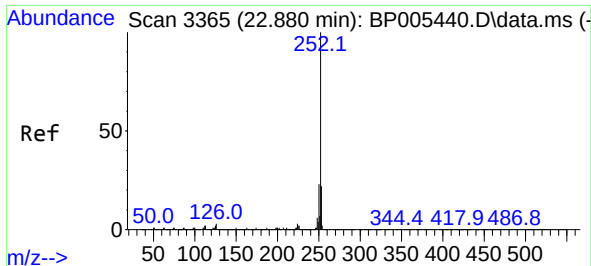


#88
Benzo(b)fluoranthene
Concen: 43.47 ng
RT: 22.804 min Scan# 3352
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33



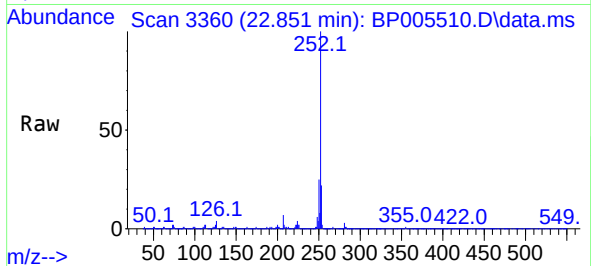
Tgt Ion: 252 Resp: 283401
Ion Ratio Lower Upper
252 100
253 22.5 18.2 27.2
125 2.8 3.4 5.0#





#89
Benzo(k)fluoranthene
Concen: 43.69 ng
RT: 22.851 min Scan# 3360
Delta R.T. 0.006 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

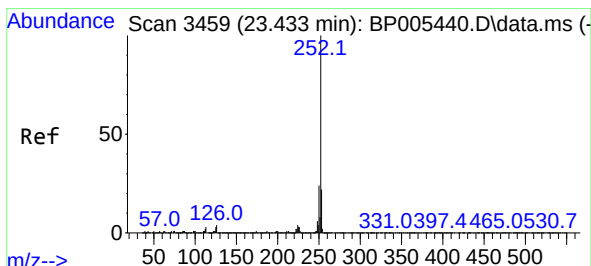
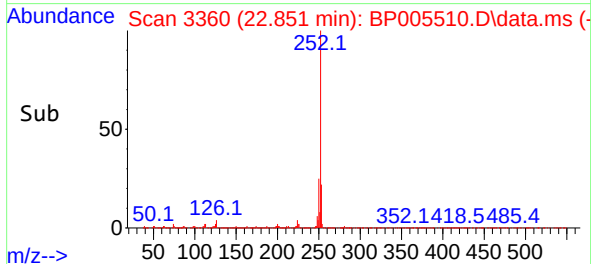
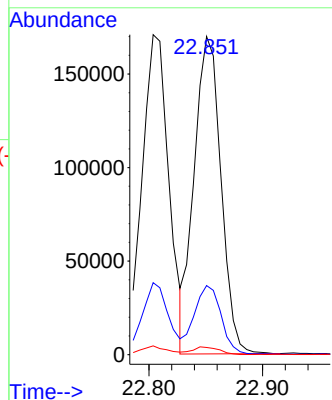
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



Tgt Ion:252 Resp: 278542
Ion Ratio Lower Upper
252 100
253 21.7 17.2 25.8
125 2.3 3.8 5.6#

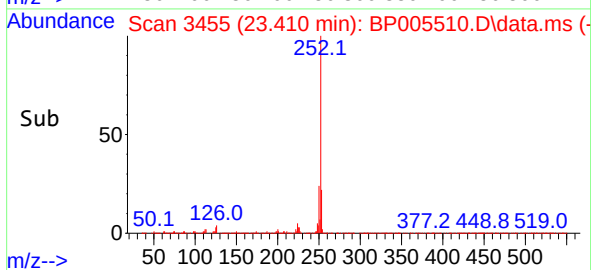
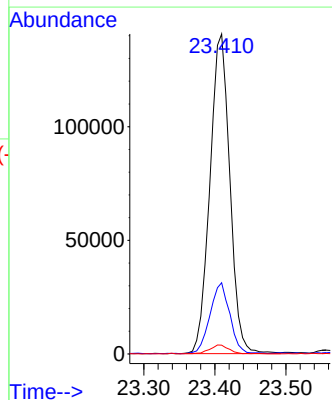
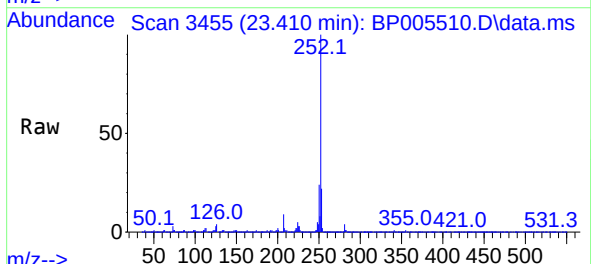
Manual Integrations
APPROVED

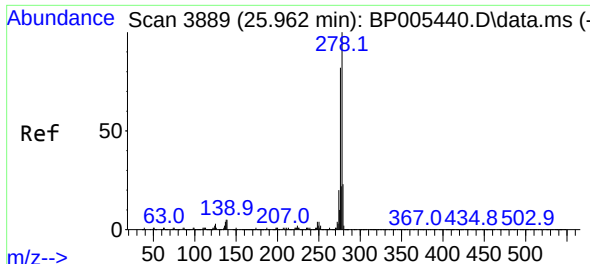
Sohil
5/13/2021 2:51:59 PM



#90
Benzo(a)pyrene
Concen: 45.84 ng
RT: 23.410 min Scan# 3455
Delta R.T. 0.012 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

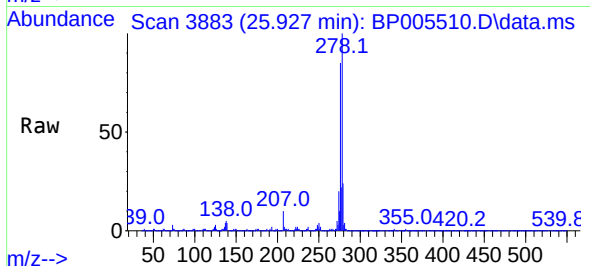
Tgt Ion:252 Resp: 273938
Ion Ratio Lower Upper
252 100
253 22.3 17.1 25.7
125 2.7 3.8 5.6#





#91
Dibenzo(a,h)anthracene
Concen: 49.32 ng
RT: 25.927 min Scan# 3883
Delta R.T. 0.012 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

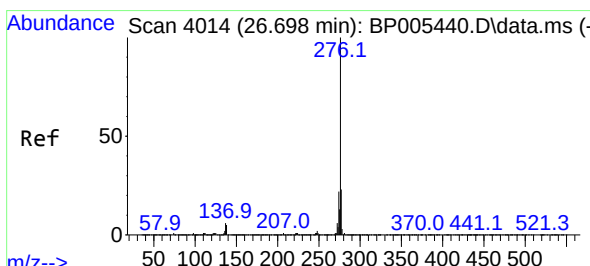
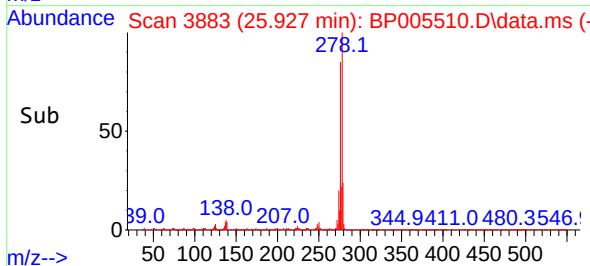
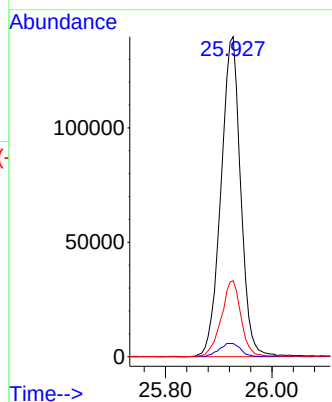
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MSD



Tgt Ion: 278 Resp: 358200
Ion Ratio Lower Upper
278 100
139 4.1 5.0 7.6#
279 23.8 18.6 28.0

Manual Integrations
APPROVED

Sohil
5/13/2021 2:51:59 PM



#92
Benzo(g,h,i)perylene
Concen: 51.62 ng
RT: 26.651 min Scan# 4006
Delta R.T. 0.012 min
Lab File: BP005510.D
Acq: 12 May 2021 18:33

Tgt Ion: 276 Resp: 346891
Ion Ratio Lower Upper
276 100
277 23.3 19.8 29.8
138 5.2 7.7 11.5#

