

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP051221\
 Data File : BP005509.D
 Acq On : 12 May 2021 17:59
 Operator : CG/JU
 Sample : M2364-02MS
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 AST2-COPR4-1MS

Manual Integrations
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Quant Time: May 12 18:43:38 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	15913	20.00	ng	0.00
21) Naphthalene-d8	10.481	136	46640	20.00	ng	#-0.01
39) Acenaphthene-d10	14.346	164	38443	20.00	ng	0.00
64) Phenanthrene-d10	17.098	188	104746	20.00	ng	# 0.00
76) Chrysene-d12	21.198	240	139963	20.00	ng	# 0.00
86) Perylene-d12	23.510	264	132587	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.287	112	143476	173.03	ng	0.00
7) Phenol-d6	6.893	99	122672	118.64	ng	0.00
23) Nitrobenzene-d5	8.864	82	120206	101.44	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	150457	137.92	ng	0.00
45) 2-Fluorobiphenyl	12.963	172	316357	92.83	ng	0.00
79) Terphenyl-d14	19.675	244	837284	101.59	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.193	88	31130	103.07	ng	# 54
3) Pyridine	3.605	79	52986	72.17	ng	# 88
4) n-Nitrosodimethylamine	3.505	42	45831	77.62	ng	# 13
6) Aniline	7.034	93	11973	10.73	ng	# 72
8) 2-Chlorophenol	7.264	128	42329	47.53	ng	91
9) Benzaldehyde	6.846	77	36904	72.99	ng	# 74
10) Phenol	6.917	94	45799	44.29	ng	# 49
11) bis(2-Chloroethyl)ether	7.128	93	34392	48.15	ng	99
12) 1,3-Dichlorobenzene	7.575	146	50376	42.52	ng	# 84
13) 1,4-Dichlorobenzene	7.728	146	51575	43.67	ng	98
14) 1,2-Dichlorobenzene	8.040	146	46376	40.97	ng	95
15) Benzyl Alcohol	7.952	79	49893	50.02	ng	# 73
16) 2,2'-oxybis(1-Chloropr...	8.234	45	15815	44.85	ng	# 66
17) 2-Methylphenol	8.164	107	31219	43.96	ng	# 81
18) Hexachloroethane	8.758	117	21406	43.76	ng	# 84
19) n-Nitroso-di-n-propyla...	8.511	70	37117	49.02	ng	94
20) 3+4-Methylphenols	8.499	107	42509	45.02	ng	83
22) Acetophenone	8.528	105	67721	51.47	ng	# 90
24) Nitrobenzene	8.905	77	58301	49.05	ng	93
25) Isophorone	9.428	82	85800	46.76	ng	# 96
26) 2-Nitrophenol	9.611	139	22582	45.37	ng	# 70
27) 2,4-Dimethylphenol	9.687	122	34198	51.91	ng	# 74
28) bis(2-Chloroethoxy)met...	9.911	93	41227	53.67	ng	99
29) 2,4-Dichlorophenol	10.152	162	47588	46.00	ng	98
30) 1,2,4-Trichlorobenzene	10.352	180	59918	45.34	ng	96
31) Naphthalene	10.534	128	111011	44.26	ng	98
32) Benzoic acid	9.905	122	19040	37.41	ng	# 79
33) 4-Chloroaniline	10.675	127	4857	4.97	ng	# 93
34) Hexachlorobutadiene	10.810	225	53421	48.47	ng	99
35) Caprolactam	11.493	113	7964m	33.46	ng	
36) 4-Chloro-3-methylphenol	11.816	107	43222	46.86	ng	96
37) 2-Methylnaphthalene	12.152	142	90907	45.19	ng	96
38) 1-Methylnaphthalene	12.375	142	84001	44.23	ng	100
40) 1,2,4,5-Tetrachloroben...	12.528	216	85173	48.22	ng	98
41) Hexachlorocyclopentadiene	12.499	237	91261	118.68	ng	99
43) 2,4,6-Trichlorophenol	12.781	196	49935	45.25	ng	95

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.863	196	53940	45.29	ng	92
46) 1,1'-Biphenyl	13.175	154	137415	46.43	ng	97
47) 2-Chloronaphthalene	13.216	162	110262	44.74	ng	99
48) 2-Nitroaniline	13.440	65	33387	47.69	ng	96
49) Acenaphthylene	14.063	152	164161	46.24	ng	99
50) Dimethylphthalate	13.822	163	174948	52.72	ng	# 99
51) 2,6-Dinitrotoluene	13.946	165	32474	43.58	ng	95
52) Acenaphthene	14.410	154	98166	44.44	ng	95
53) 3-Nitroaniline	14.281	138	5341	10.00	ng	# 98
54) 2,4-Dinitrophenol	14.499	184	42635	94.85	ng	# 70
55) Dibenzofuran	14.746	168	197287	47.48	ng	97
56) 4-Nitrophenol	14.616	139	31458	78.06	ng	# 80
57) 2,4-Dinitrotoluene	14.740	165	51301	46.69	ng	# 86
58) Fluorene	15.398	166	165898	48.90	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.987	232	56035	47.06	ng	96
60) Diethylphthalate	15.181	149	161596	50.27	ng	99
61) 4-Chlorophenyl-phenyle...	15.393	204	109678	51.66	ng	99
62) 4-Nitroaniline	15.446	138	17286	33.70	ng	# 60
63) Azobenzene	15.687	77	168616	50.89	ng	86
65) 4,6-Dinitro-2-methylph...	15.504	198	32503	39.16	ng	94
66) n-Nitrosodiphenylamine	15.616	169	136324	44.59	ng	93
67) 4-Bromophenyl-phenylether	16.293	248	77864	47.62	ng	98
68) Hexachlorobenzene	16.404	284	93664	45.17	ng	99
69) Atrazine	16.581	200	70168	49.14	ng	99
70) Pentachlorophenol	16.757	266	105720	96.09	ng	98
71) Phenanthrene	17.145	178	267297	44.91	ng	100
72) Anthracene	17.234	178	276331	46.78	ng	99
73) Carbazole	17.516	167	217285	41.77	ng	97
74) Di-n-butylphthalate	18.069	149	286047	50.10	ng	# 96
75) Fluoranthene	19.122	202	370778	45.29	ng	98
77) Benzidine	19.316	184	81273	37.51	ng	99
78) Pyrene	19.475	202	380878	48.07	ng	100
80) Butylbenzylphthalate	20.351	149	129723	50.67	ng	88
81) Benzo(a)anthracene	21.186	228	410985	45.31	ng	99
82) 3,3'-Dichlorobenzidine	21.122	252	57721	16.89	ng	# 99
83) Chrysene	21.239	228	404986	46.07	ng	98
84) Bis(2-ethylhexyl)phtha...	21.110	149	206162	52.66	ng	# 99
85) Di-n-octyl phthalate	22.004	149	340510	51.78	ng	# 92
87) Indeno(1,2,3-cd)pyrene	25.921	276	459243	41.17	ng	# 96
88) Benzo(b)fluoranthene	22.810	252	429381	48.60	ng	# 98
89) Benzo(k)fluoranthene	22.857	252	409784	47.43	ng	# 96
90) Benzo(a)pyrene	23.410	252	377750	46.64	ng	# 98
91) Dibenzo(a,h)anthracene	25.927	278	399422	40.58	ng	# 99
92) Benzo(g,h,i)perylene	26.657	276	366200	40.21	ng	# 95

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

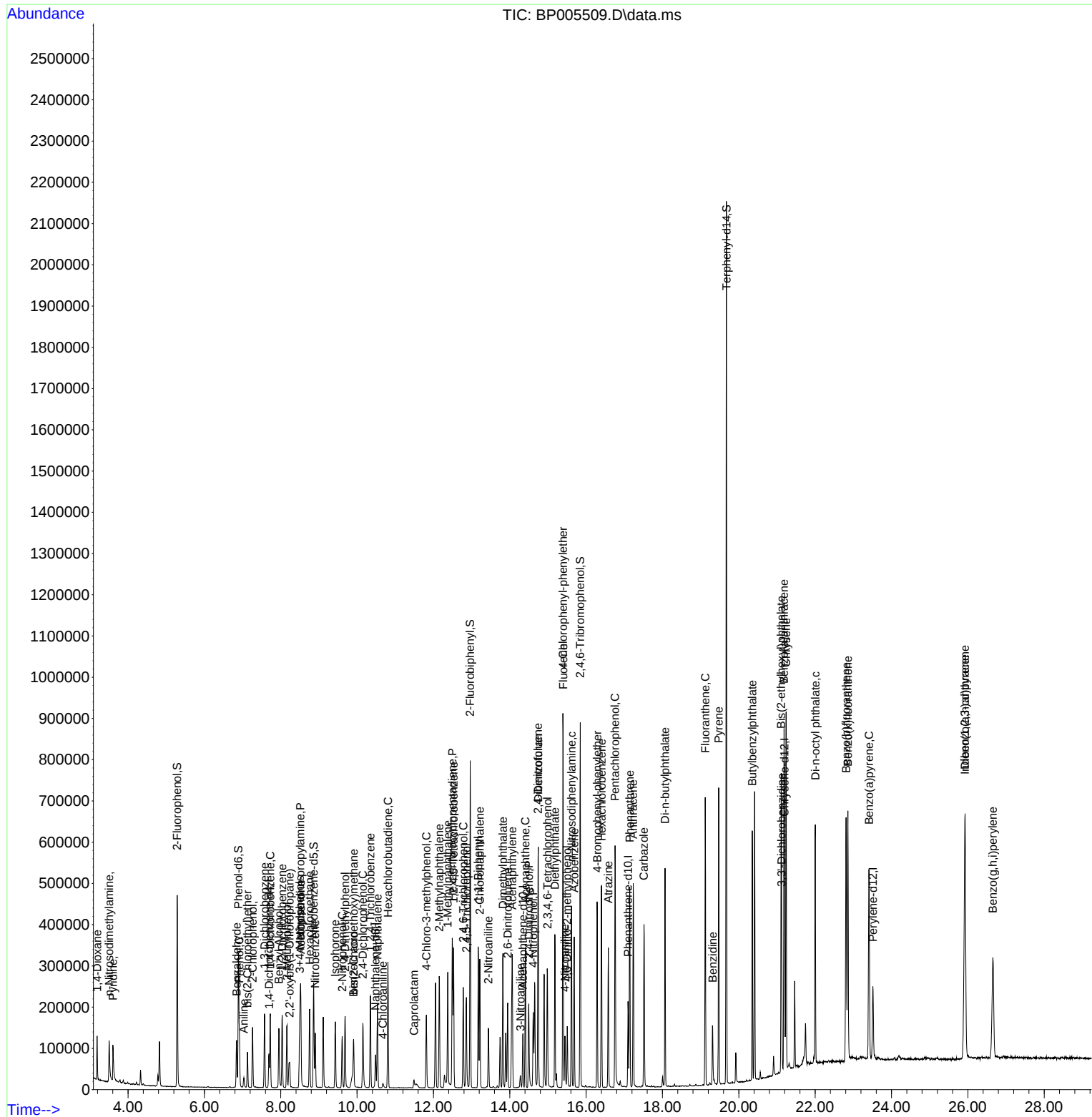
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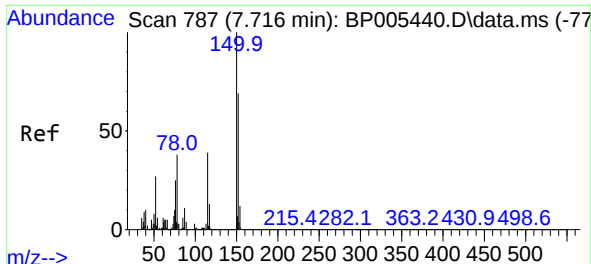
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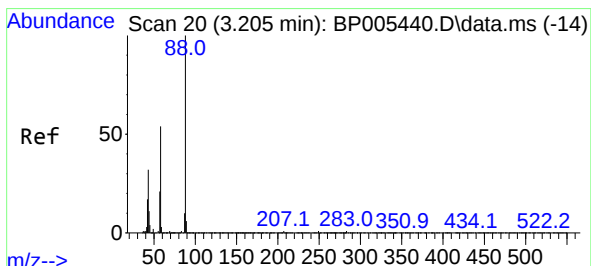
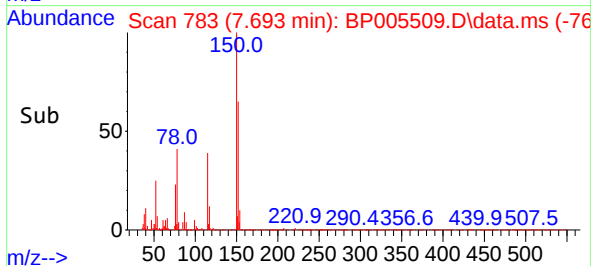
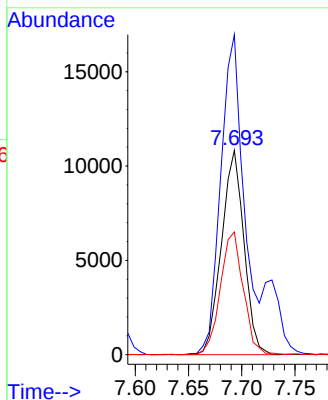
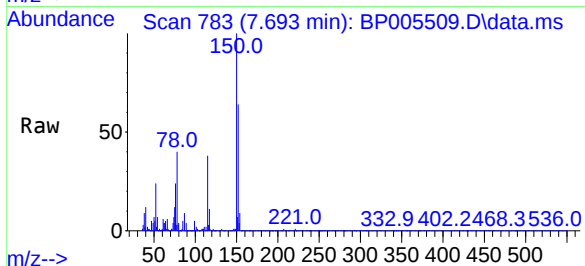
#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.693 min Scan# 783
Delta R.T. -0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion: 152 Resp: 15913
Ion Ratio Lower Upper
152 100
150 156.6 119.8 179.8
115 60.0 49.0 73.4

Instrument :
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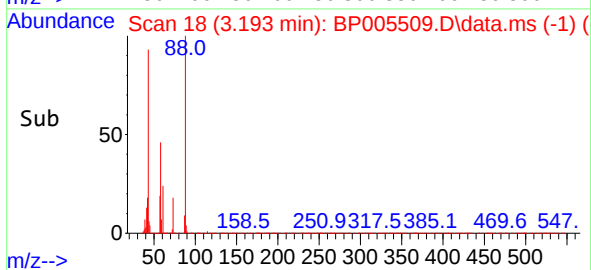
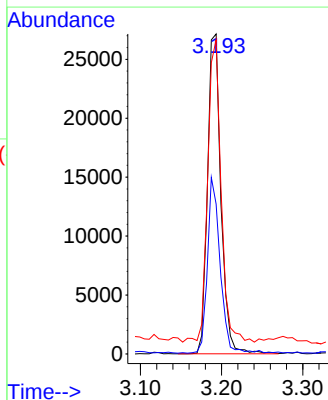
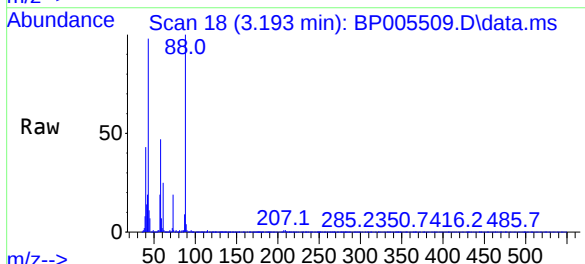
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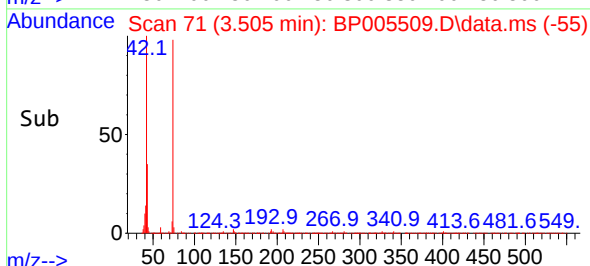
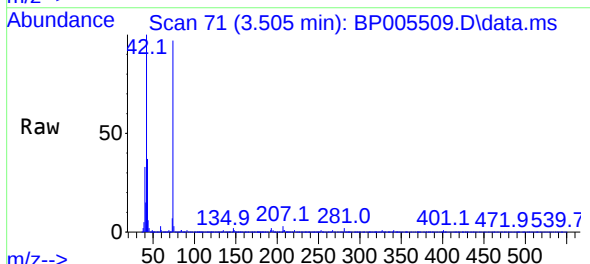
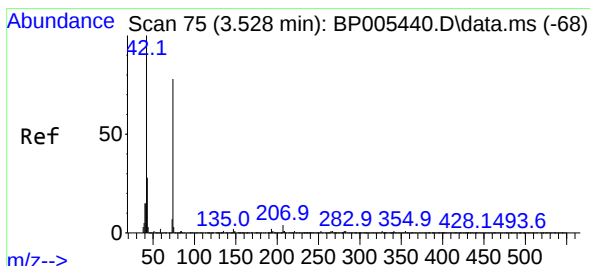
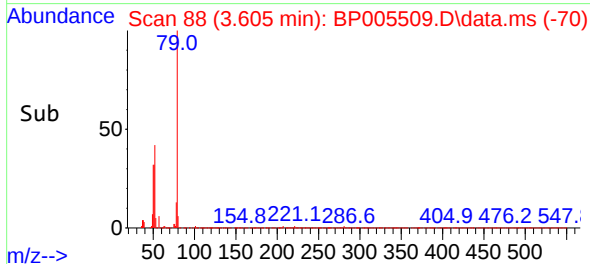
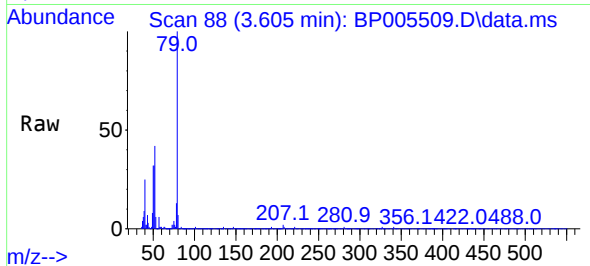
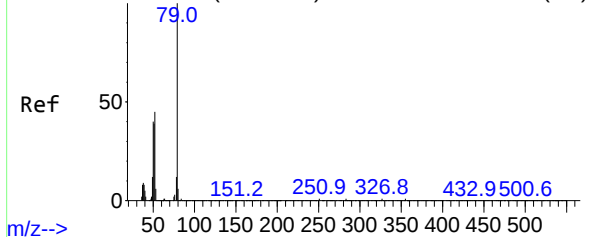


#2
1,4-Dioxane
Concen: 103.07 ng
RT: 3.193 min Scan# 18
Delta R.T. 0.012 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion: 88 Resp: 31130
Ion Ratio Lower Upper
88 100
58 51.7 42.5 63.7
43 94.7 19.8 29.8#

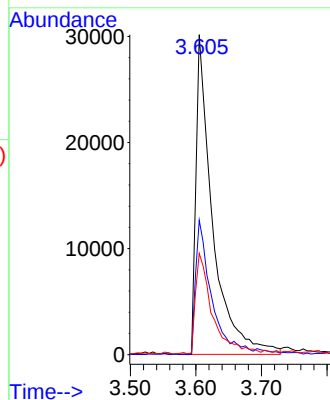


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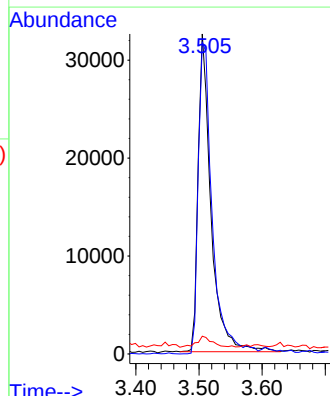
#3
Pyridine
Concen: 72.17 ng
RT: 3.605 min Scan# 88
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	79	Resp:	52986
Ion	Ratio	Lower	Upper
79	100		
52	42.1	40.3	60.5
51	31.7	20.0	30.0



#4
n-Nitrosodimethylamine
Concen: 77.62 ng
RT: 3.505 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

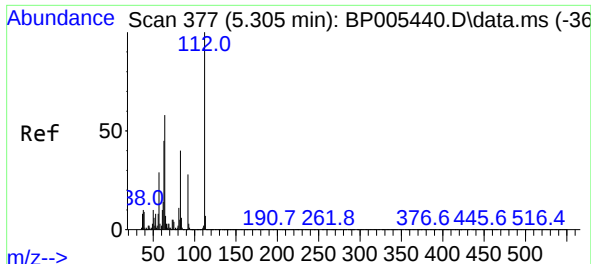
Tgt Ion:	42	Resp:	45831
Ion	Ratio	Lower	Upper
42	100		
74	97.4	122.6	183.8
44	5.6	146.9	220.3



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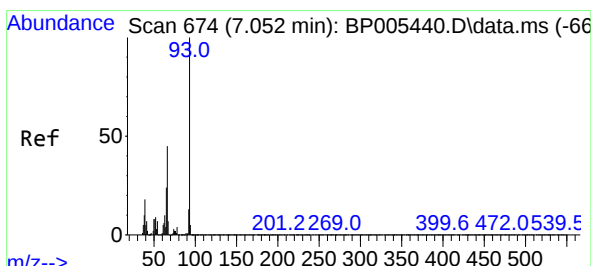
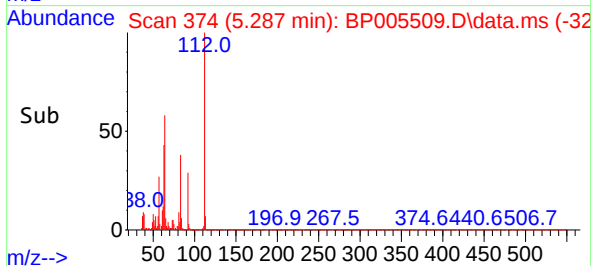
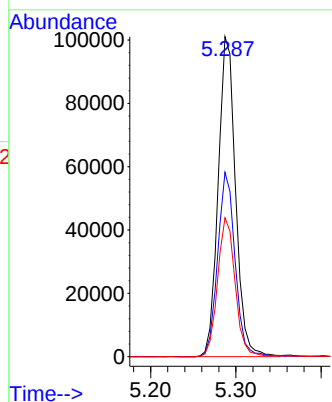
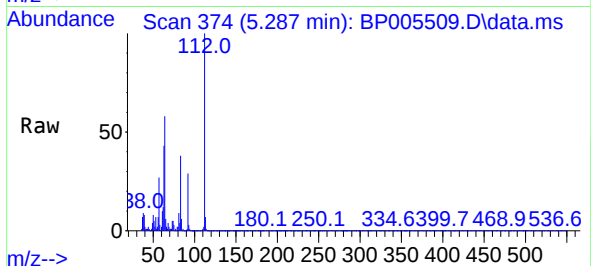
#5
2-Fluorophenol
Concen: 173.03 ng
RT: 5.287 min Scan# 374
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion: 112 Resp: 143476
Ion Ratio Lower Upper
112 100
64 57.6 33.6 50.4#
63 43.4 18.6 27.8#

Instrument :
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ClientSampleId :
AST2-COPR4-1MS

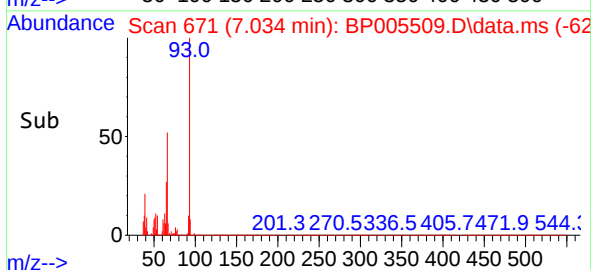
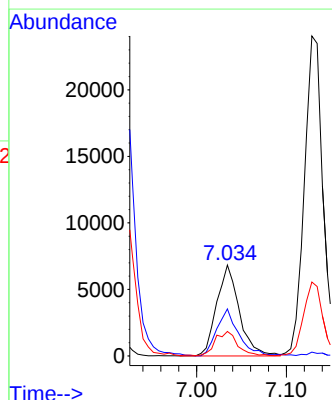
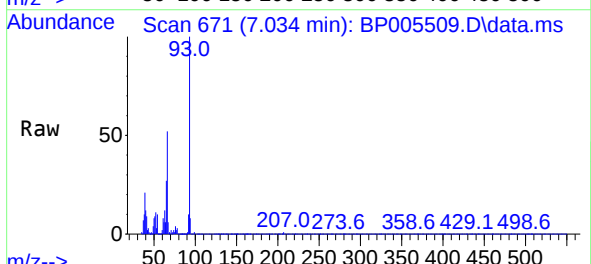
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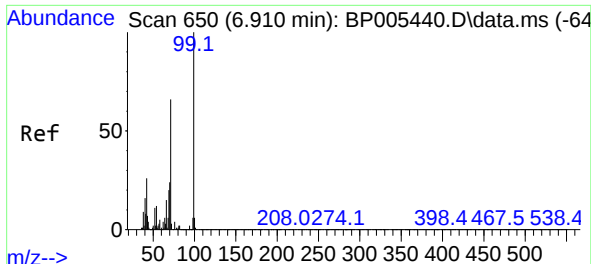
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#6
Aniline
Concen: 10.73 ng
RT: 7.034 min Scan# 671
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion: 93 Resp: 11973
Ion Ratio Lower Upper
93 100
66 51.8 27.0 40.4#
65 26.9 14.4 21.6#





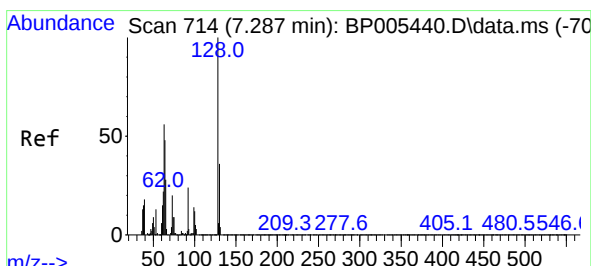
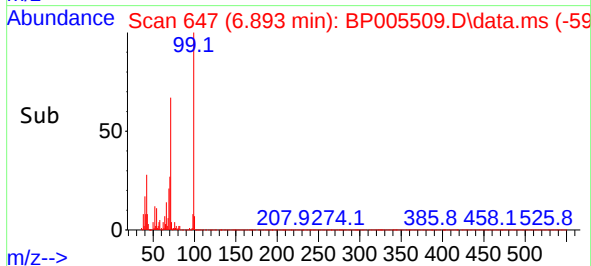
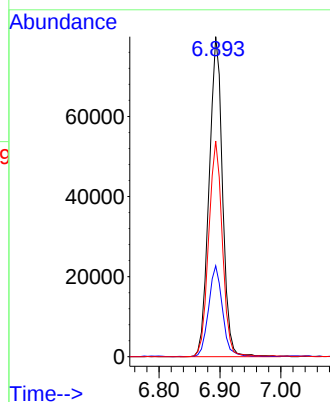
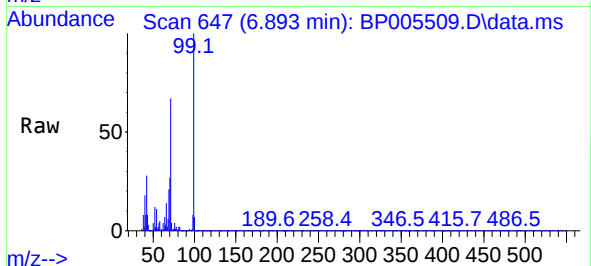
#7
Phenol-d6
Concen: 118.64 ng
RT: 6.893 min Scan# 647
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion: 99 Resp: 122672
Ion Ratio Lower Upper
99 100
42 28.4 12.9 19.3#
71 67.4 26.7 40.1#

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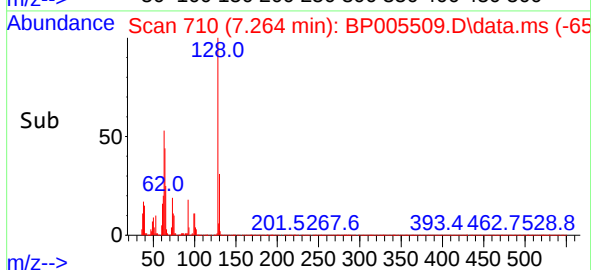
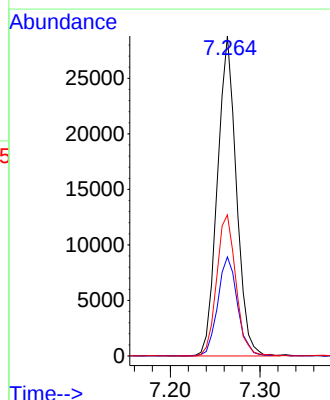
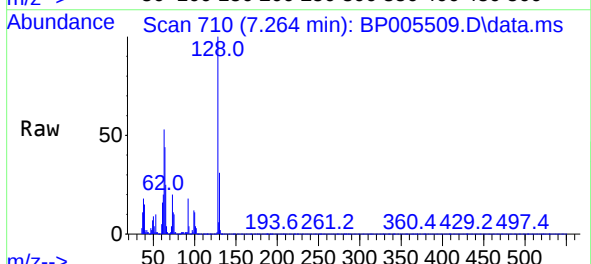
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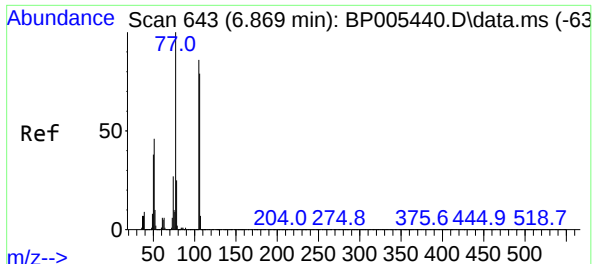
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#8
2-Chlorophenol
Concen: 47.53 ng
RT: 7.264 min Scan# 710
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion: 128 Resp: 42329
Ion Ratio Lower Upper
128 100
130 31.0 14.1 54.1
64 44.1 17.2 57.2





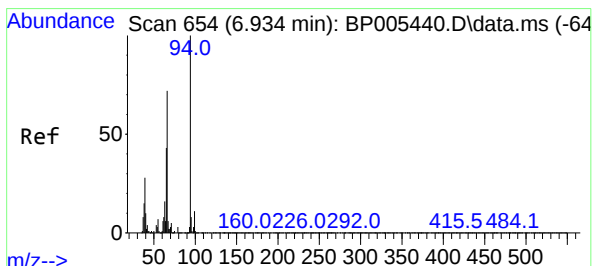
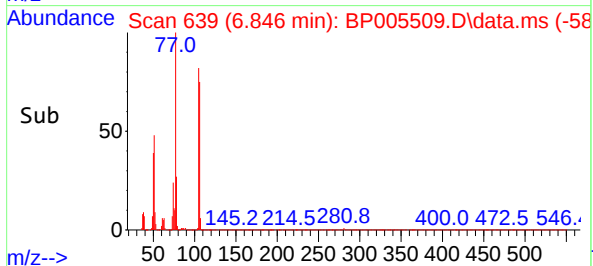
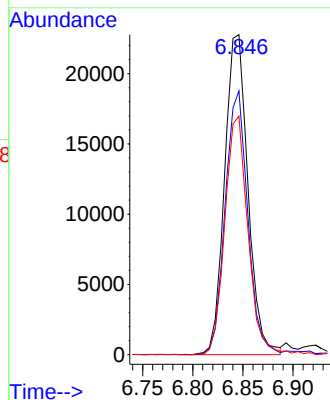
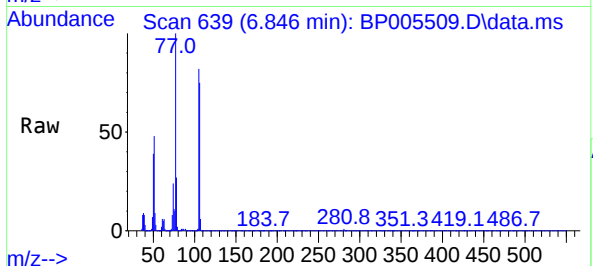
#9
Benzaldehyde
Concen: 72.99 ng
RT: 6.846 min Scan# 639
Delta R.T. 0.000 min
Lab File: BP005509.D
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Tgt Ion: 77 Resp: 36904
Ion Ratio Lower Upper
77 100
105 82.4 89.4 129.4#
106 74.5 79.9 119.9#

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AST2-COPR4-1MS

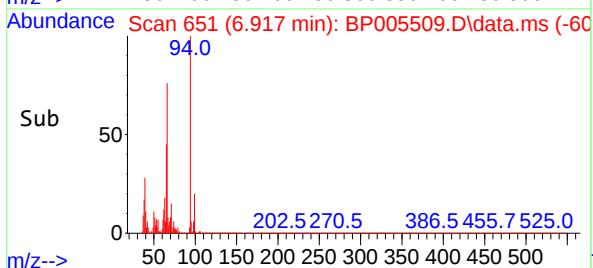
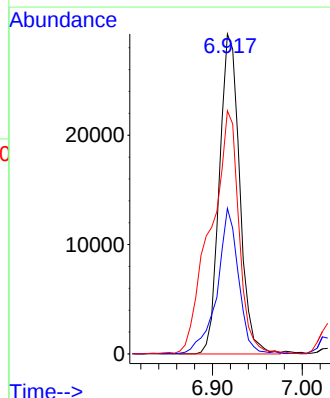
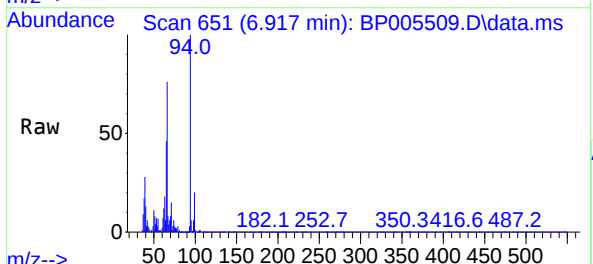
Manual Integrations
APPROVED

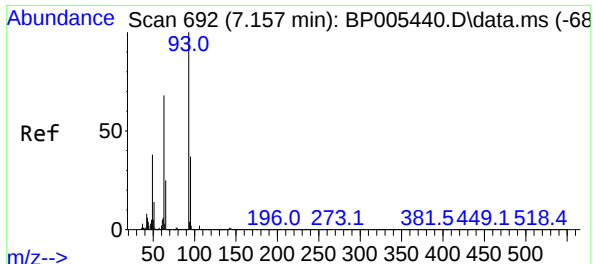
Sohil
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#10
Phenol
Concen: 44.29 ng
RT: 6.917 min Scan# 651
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion: 94 Resp: 45799
Ion Ratio Lower Upper
94 100
65 45.5 8.0 48.0
66 76.0 17.3 57.3#





#11
bis(2-Chloroethyl)ether
Concen: 48.15 ng
RT: 7.128 min Scan# 687
Delta R.T. -0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

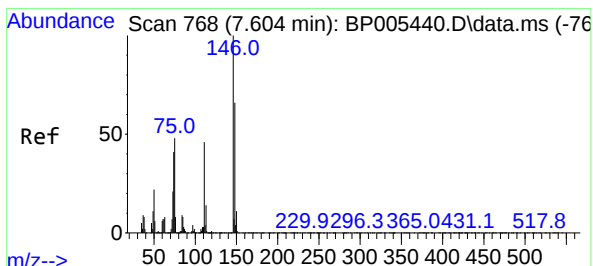
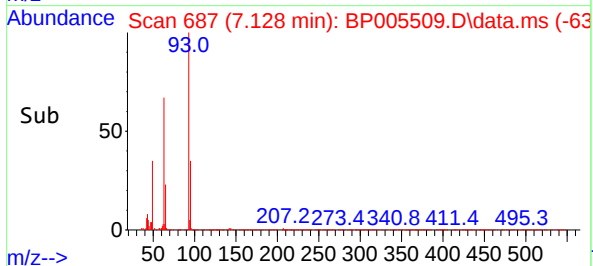
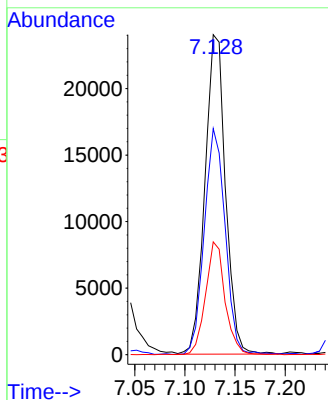
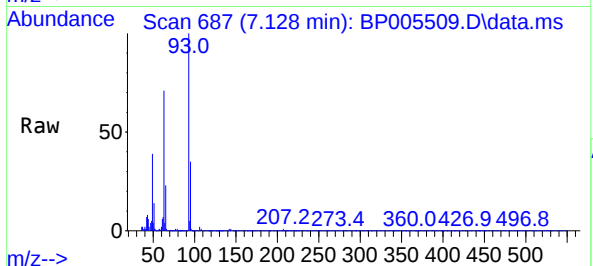
Tgt Ion: 93 Resp: 34392

Ion	Ratio	Lower	Upper
93	100		
63	70.7	49.6	89.6
95	35.3	14.4	54.4

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

Manual Integrations
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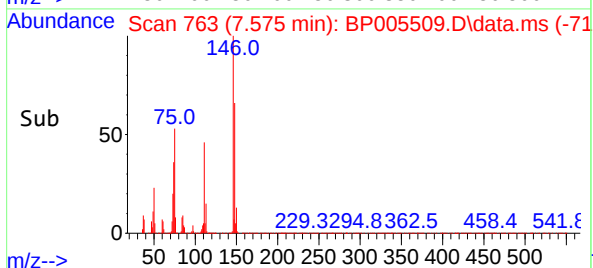
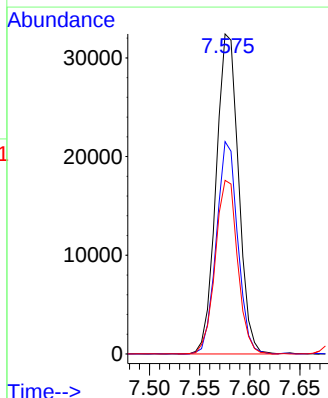
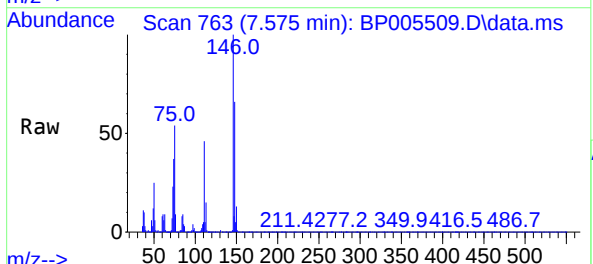
Sohil
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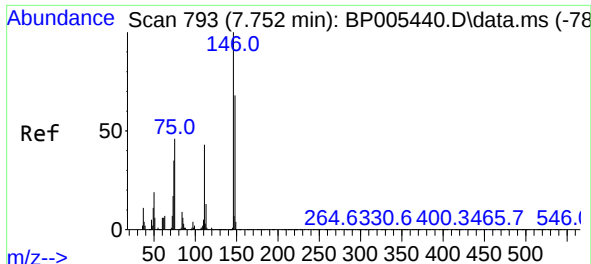


#12
1,3-Dichlorobenzene
Concen: 42.52 ng
RT: 7.575 min Scan# 763
Delta R.T. -0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion: 146 Resp: 50376

Ion	Ratio	Lower	Upper
146	100		
148	66.3	51.4	77.0
75	54.3	23.9	35.9





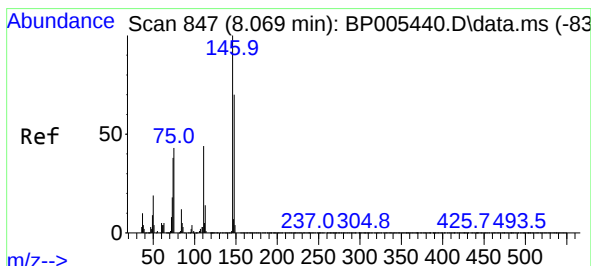
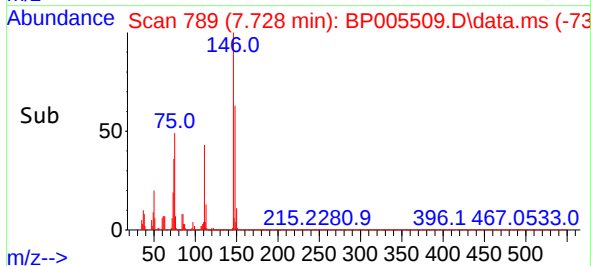
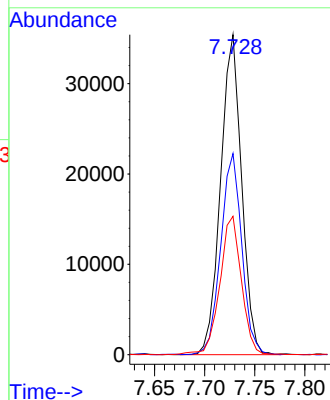
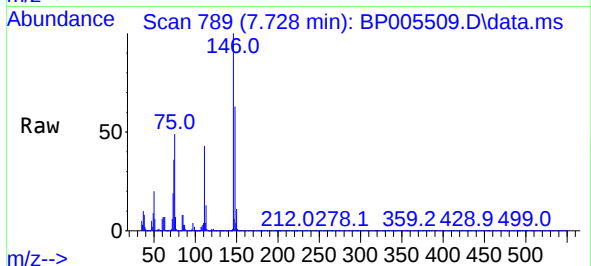
#13
1,4-Dichlorobenzene
Concen: 43.67 ng
RT: 7.728 min Scan# 789
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	146	Resp:	51575
Ion Ratio	Lower	Upper	
146	100		
148	62.9	52.2	78.4
111	43.3	34.2	51.4

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

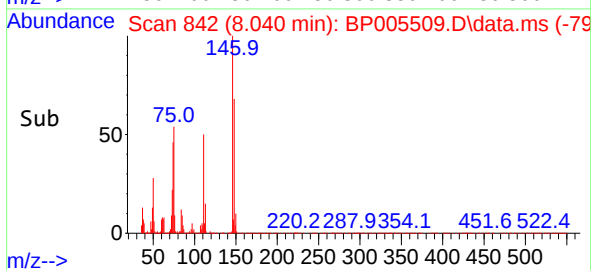
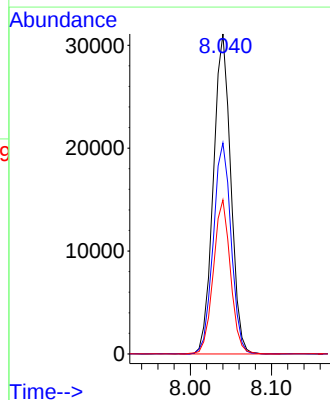
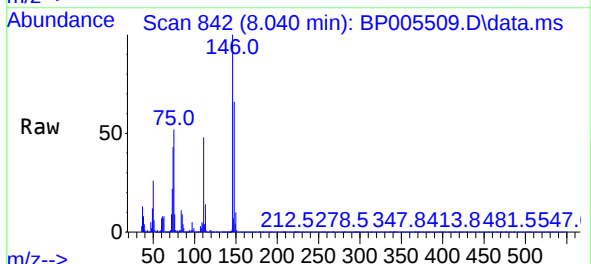
Manual Integrations
APPROVED

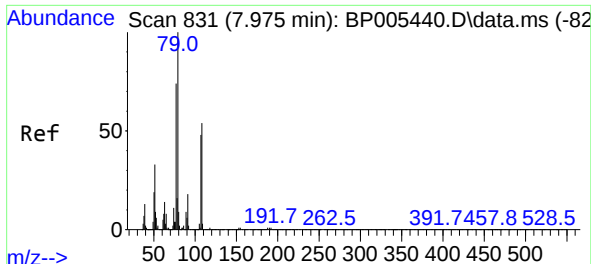
Sohil
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#14
1,2-Dichlorobenzene
Concen: 40.97 ng
RT: 8.040 min Scan# 842
Delta R.T. -0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	146	Resp:	46376
Ion Ratio	Lower	Upper	
146	100		
148	65.9	51.5	77.3
111	48.2	34.0	51.0





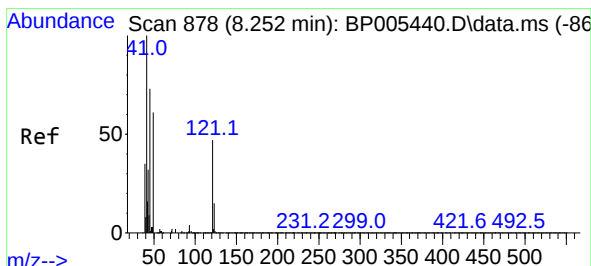
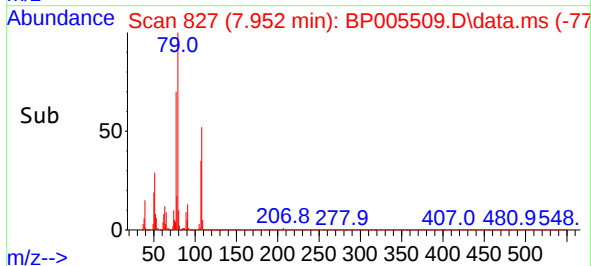
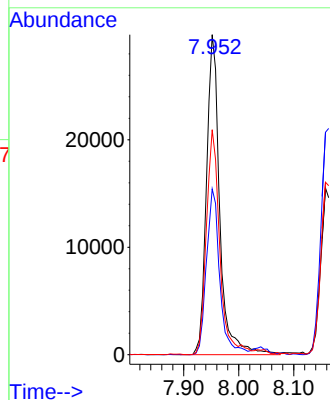
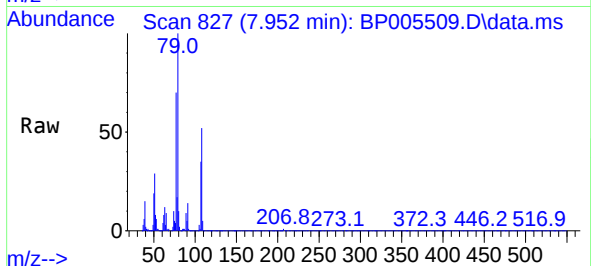
#15
Benzyl Alcohol
Concen: 50.02 ng
RT: 7.952 min Scan# 827
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion: 79 Resp: 49893
Ion Ratio Lower Upper
79 100
108 51.8 64.0 96.0#
77 70.3 72.7 109.1#

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

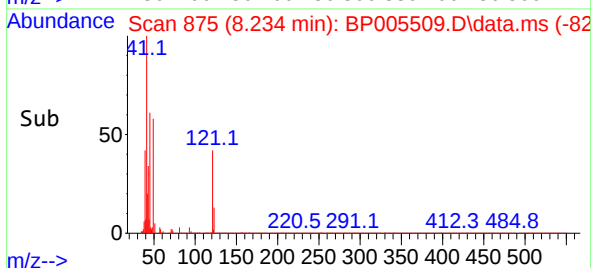
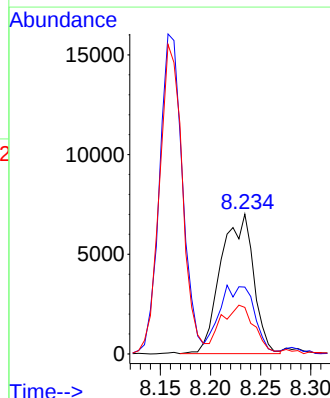
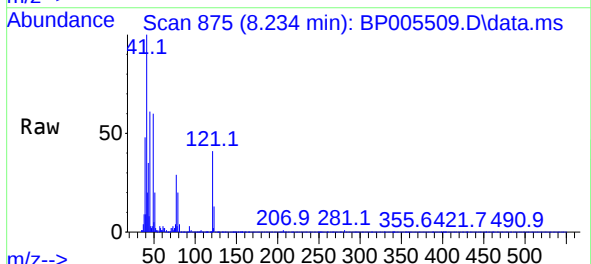
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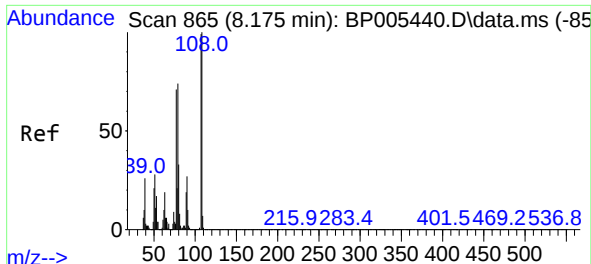
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 44.85 ng
RT: 8.234 min Scan# 875
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

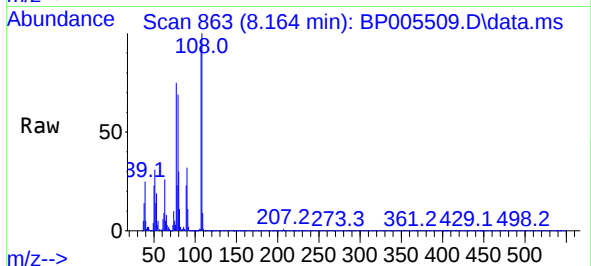
Tgt Ion: 45 Resp: 15815
Ion Ratio Lower Upper
45 100
77 47.8 7.0 47.0#
79 33.3 1.0 41.0





#17
2-Methylphenol
Concen: 43.96 ng
RT: 8.164 min Scan# 863
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

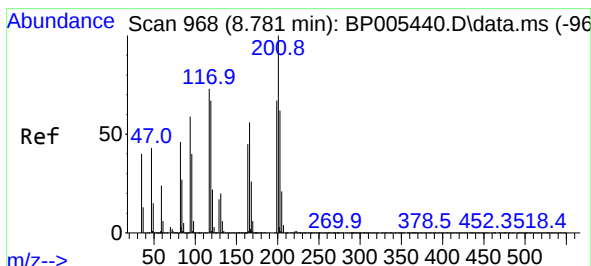
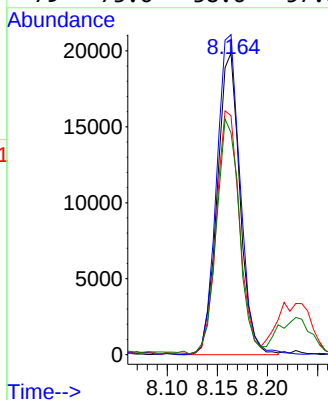
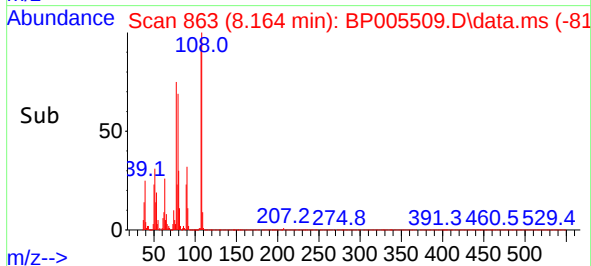
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS



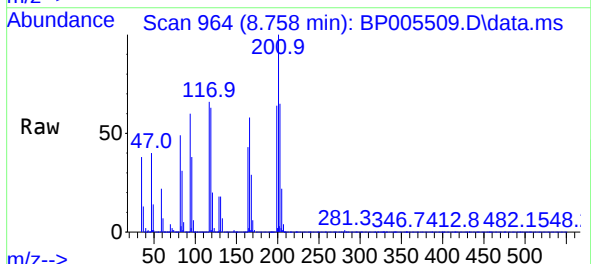
Tgt Ion:107 Resp: 31219
Ion Ratio Lower Upper
107 100
108 106.1 85.8 128.8
77 79.2 41.4 62.0#
79 73.6 38.6 57.8#

Manual Integrations
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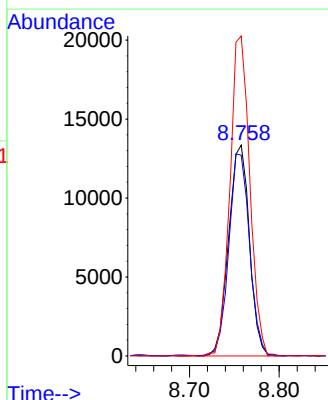
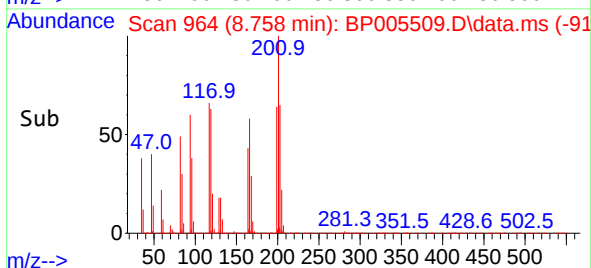
Sohil
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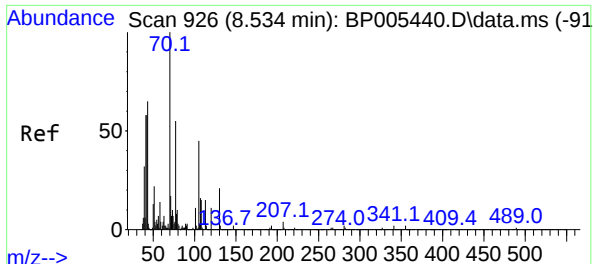


#18
Hexachloroethane
Concen: 43.76 ng
RT: 8.758 min Scan# 964
Delta R.T. -0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59



Tgt Ion:117 Resp: 21406
Ion Ratio Lower Upper
117 100
119 95.2 80.1 120.1
201 151.8 98.8 148.2#





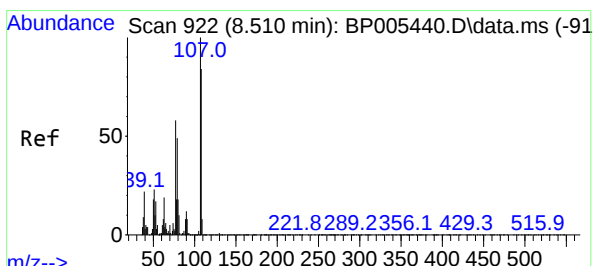
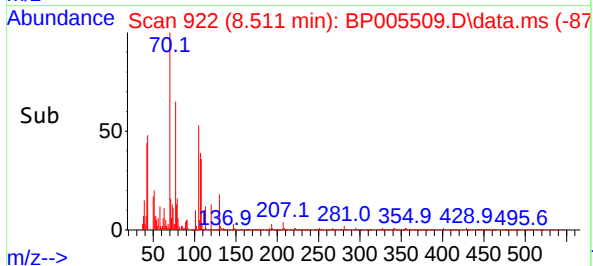
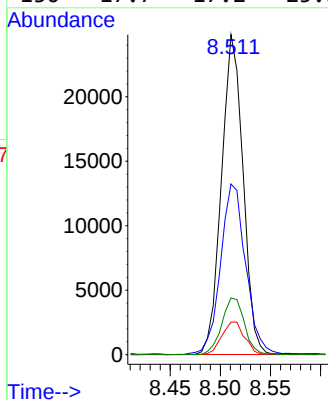
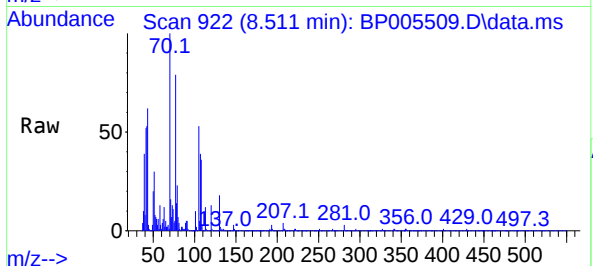
#19
n-Nitroso-di-n-propylamine
Concen: 49.02 ng
RT: 8.511 min Scan# 922
Delta R.T. -0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	70	Resp:	37117
Ion	Ratio	Lower	Upper
70	100		
42	53.3	39.7	59.5
101	10.2	7.4	11.0
130	17.7	17.2	25.8

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

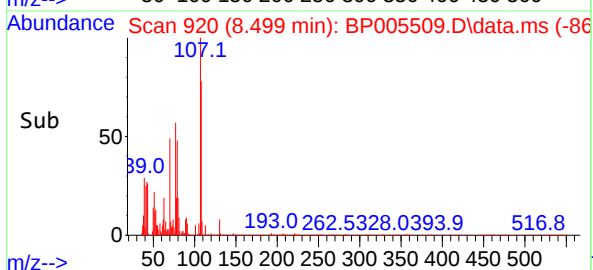
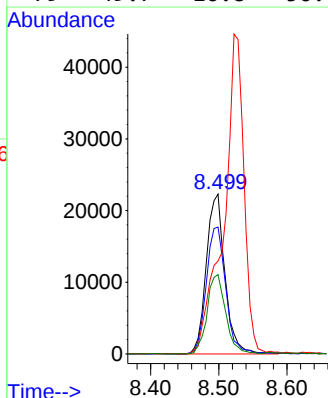
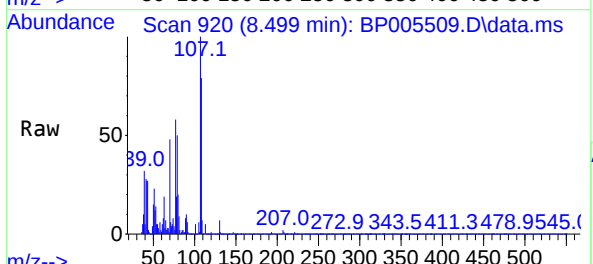
Manual Integrations
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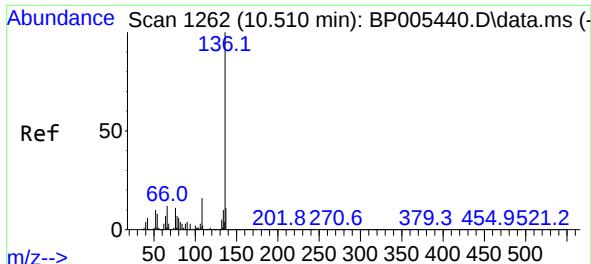
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#20
3+4-Methylphenols
Concen: 45.02 ng
RT: 8.499 min Scan# 920
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	107	Resp:	42509
Ion	Ratio	Lower	Upper
107	100		
108	79.4	69.5	109.5
77	58.2	21.5	61.5
79	49.7	16.8	56.8





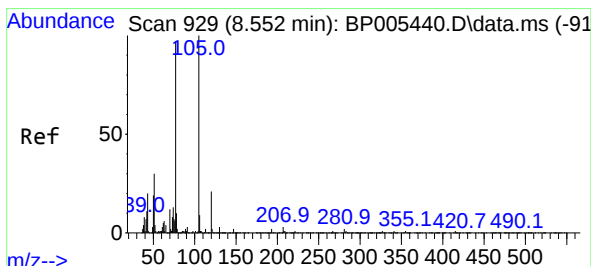
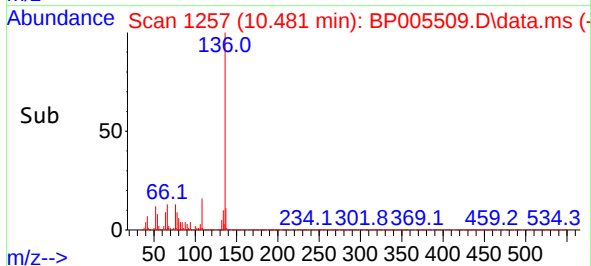
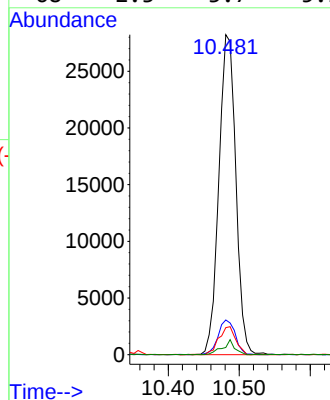
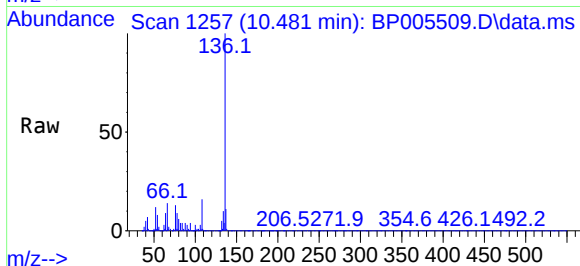
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.481 min Scan# 1257
Delta R.T. -0.012 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	136	Resp:	46640
Ion Ratio	Lower	Upper	
136	100		
137	10.9	8.9	13.3
54	8.4	5.0	7.4#
68	2.3	3.7	5.5#

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

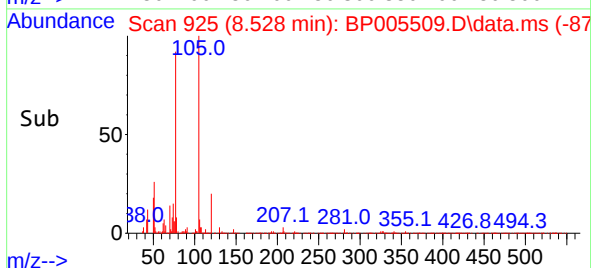
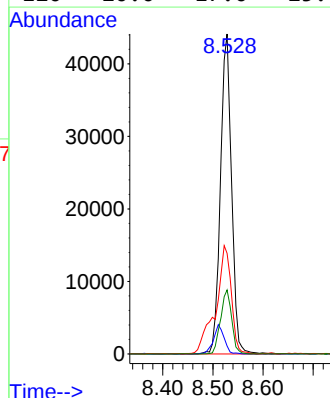
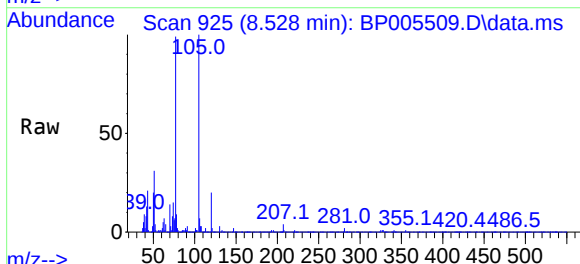
Manual Integrations
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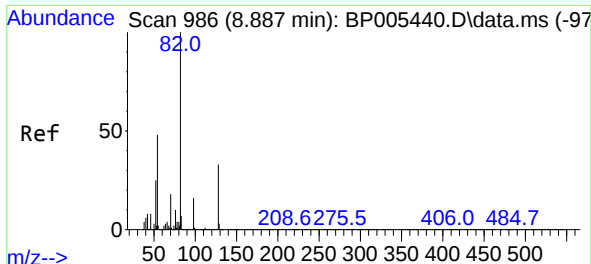
Sohil
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#22
Acetophenone
Concen: 51.47 ng
RT: 8.528 min Scan# 925
Delta R.T. -0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

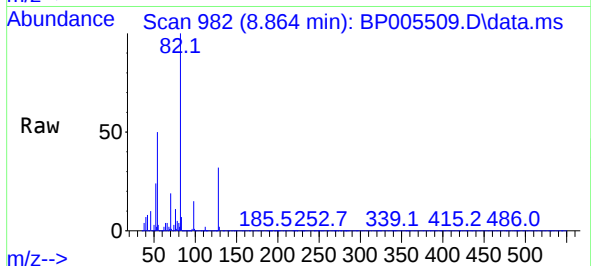
Tgt Ion:	105	Resp:	67721
Ion Ratio	Lower	Upper	
105	100		
71	2.5	0.9	1.3#
51	31.4	18.2	27.2#
120	20.0	17.0	25.6





#23
Nitrobenzene-d5
Concen: 101.44 ng
RT: 8.864 min Scan# 982
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

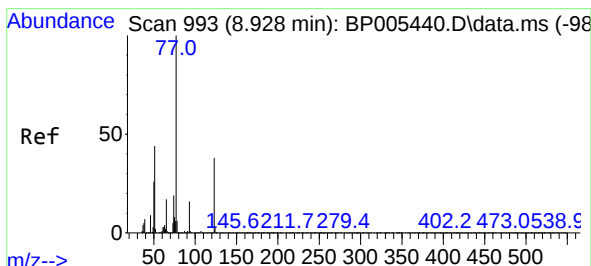
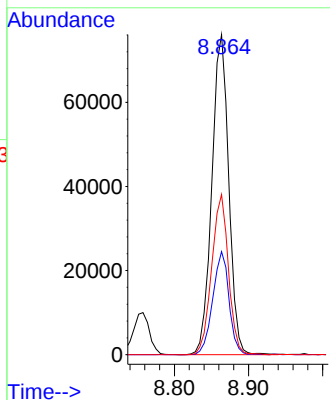
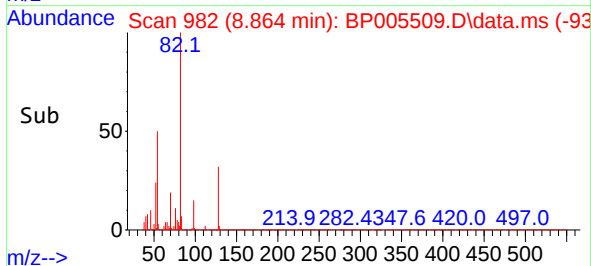
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS



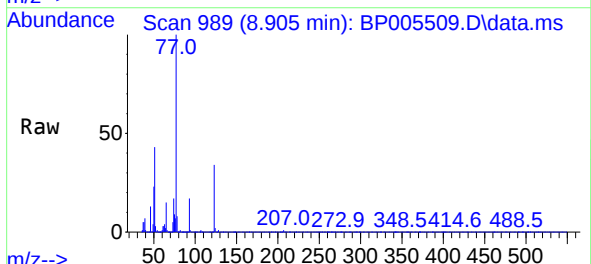
Tgt Ion: 82 Resp: 120206
Ion Ratio Lower Upper
82 100
128 32.2 30.5 45.7
54 50.0 33.9 50.9

Manual Integrations
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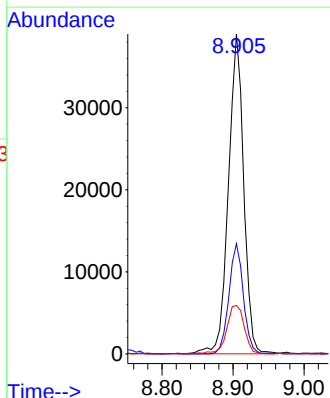
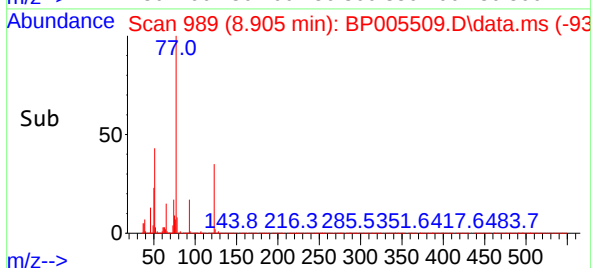
Sohil
5/13/2021 2:51:58 PM

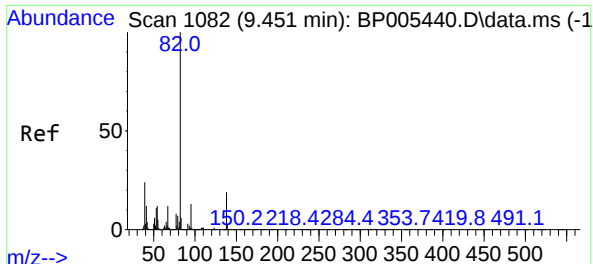


#24
Nitrobenzene
Concen: 49.05 ng
RT: 8.905 min Scan# 989
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59



Tgt Ion: 77 Resp: 58301
Ion Ratio Lower Upper
77 100
123 34.5 31.7 47.5
65 15.1 11.5 17.3





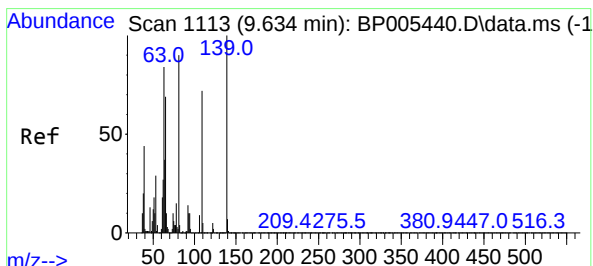
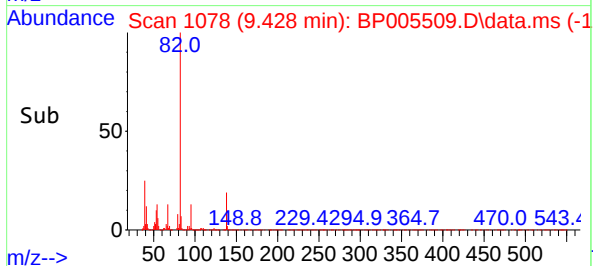
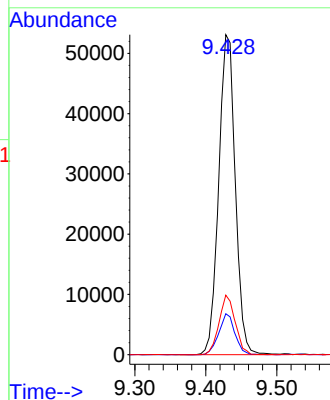
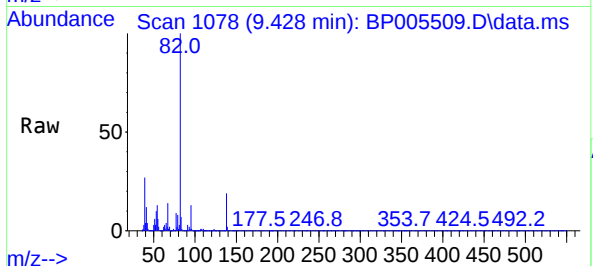
#25
Isophorone
Concen: 46.76 ng
RT: 9.428 min Scan# 1078
Delta R.T. -0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	82	Resp:	85800
Ion	Ratio	Lower	Upper
82	100		
95	12.8	7.5	11.3#
138	18.6	14.6	22.0

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

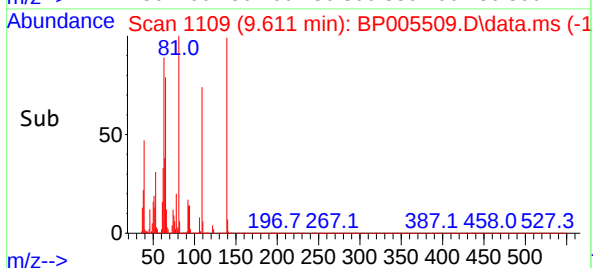
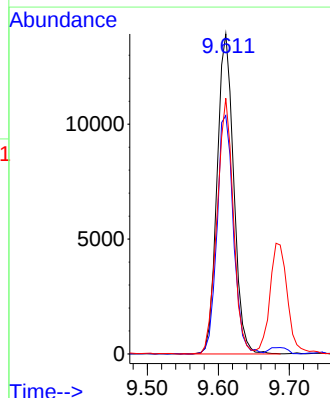
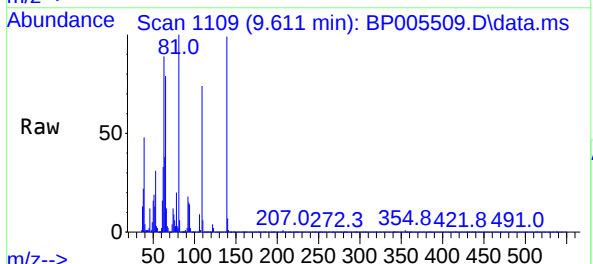
Manual Integrations
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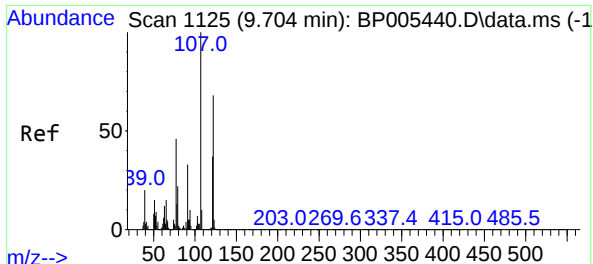
Sohil
5/13/2021 2:51:58 PM



#26
2-Nitrophenol
Concen: 45.37 ng
RT: 9.611 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	139	Resp:	22582
Ion	Ratio	Lower	Upper
139	100		
109	74.5	40.7	61.1#
65	79.9	47.8	71.6#





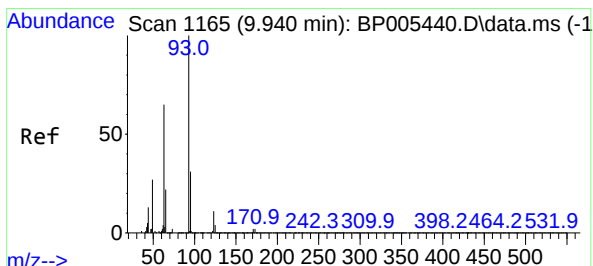
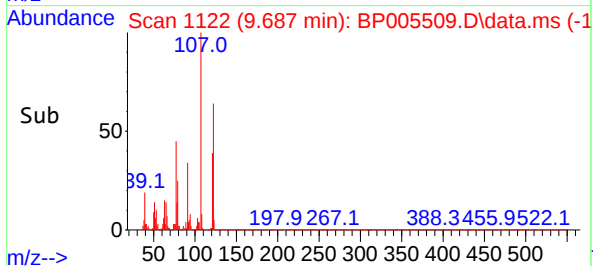
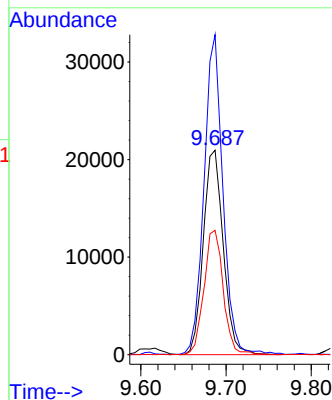
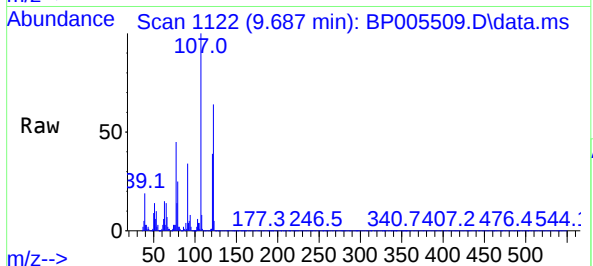
#27
2,4-Dimethylphenol
Concen: 51.91 ng
RT: 9.687 min Scan# 1122
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion	Ratio	Lower	Upper
122	100		
107	156.5	93.8	140.8#
121	60.8	45.6	68.4

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

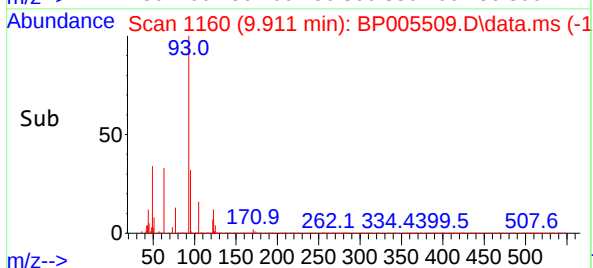
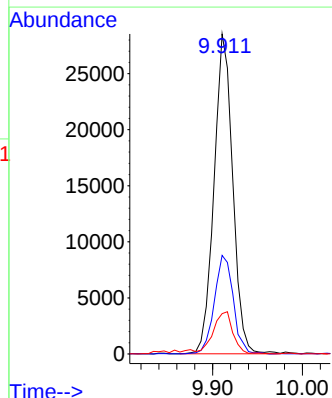
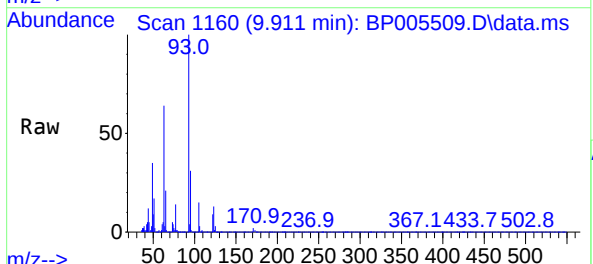
Manual Integrations
APPROVED

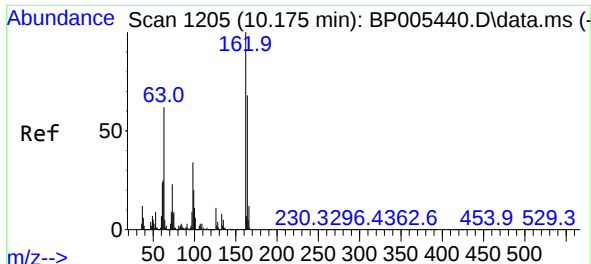
Sohil
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#28
bis(2-Chloroethoxy)methane
Concen: 53.67 ng
RT: 9.911 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion	Ratio	Lower	Upper
93	100		
95	30.8	24.9	37.3
123	12.6	9.5	14.3





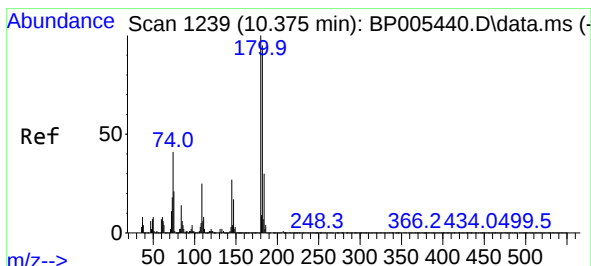
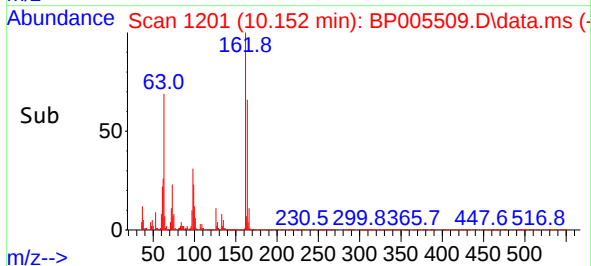
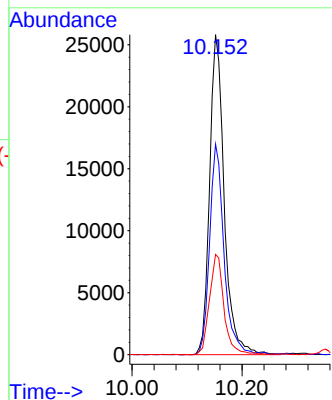
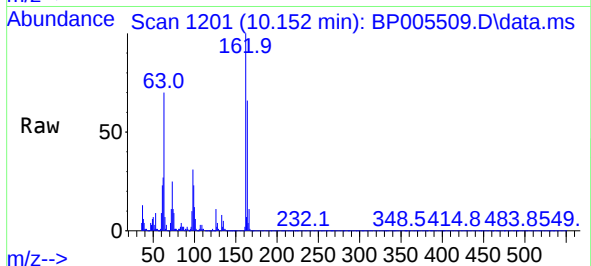
#29
2,4-Dichlorophenol
Concen: 46.00 ng
RT: 10.152 min Scan# 1201
Delta R.T. -0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:162 Resp: 47588
Ion Ratio Lower Upper
162 100
164 65.8 44.1 84.1
98 31.3 12.6 52.6

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

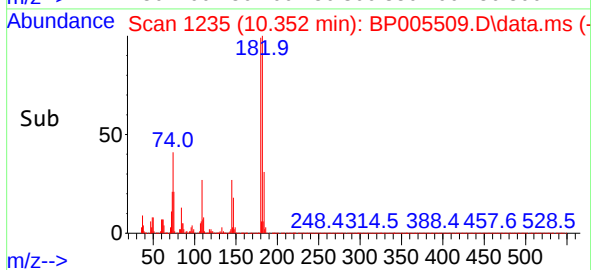
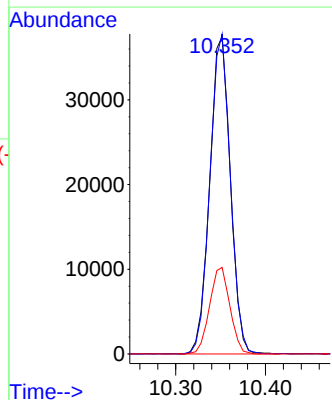
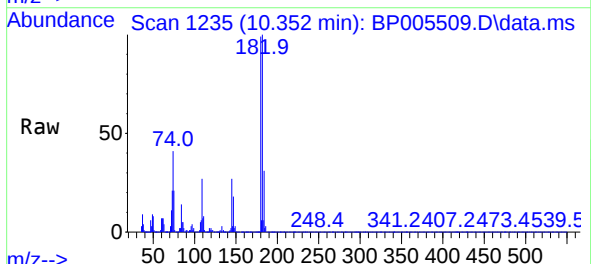
Manual Integrations
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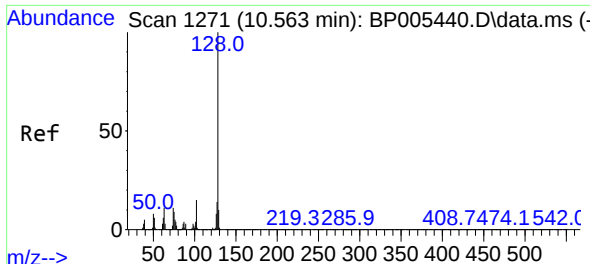
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#30
1,2,4-Trichlorobenzene
Concen: 45.34 ng
RT: 10.352 min Scan# 1235
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

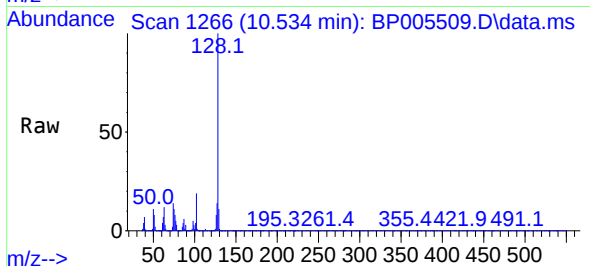
Tgt Ion:180 Resp: 59918
Ion Ratio Lower Upper
180 100
182 100.9 77.2 115.8
145 27.3 21.7 32.5





#31
Naphthalene
Concen: 44.26 ng
RT: 10.534 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

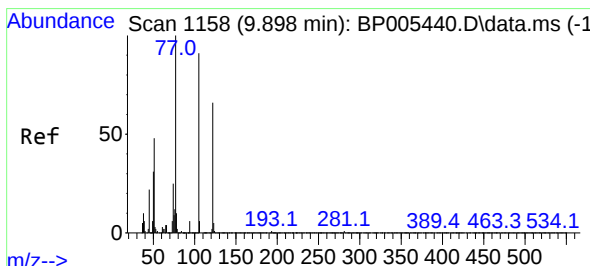
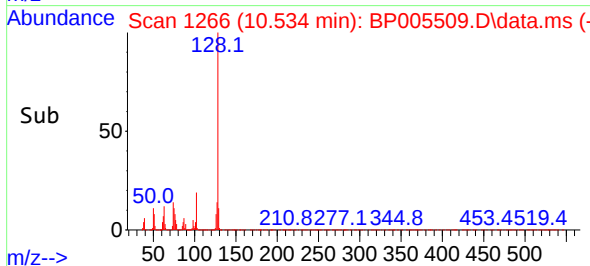
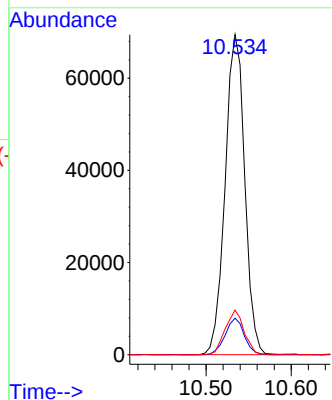
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS



Tgt Ion:128 Resp: 111011
Ion Ratio Lower Upper
128 100
129 11.4 8.0 12.0
127 13.9 11.1 16.7

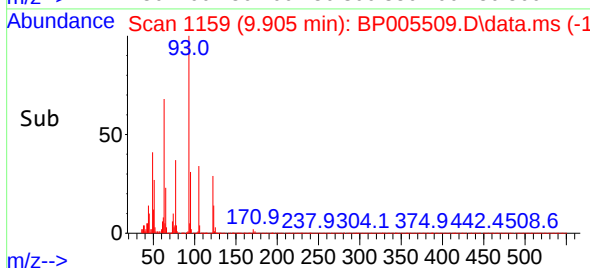
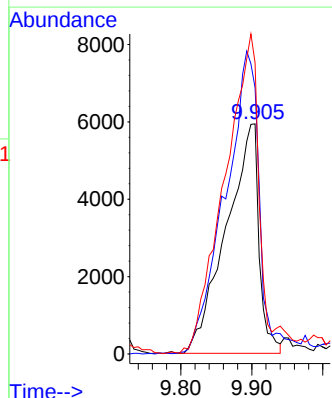
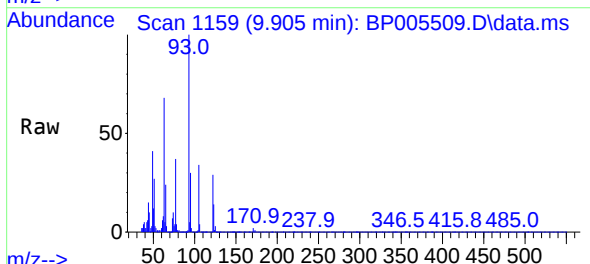
Manual Integrations
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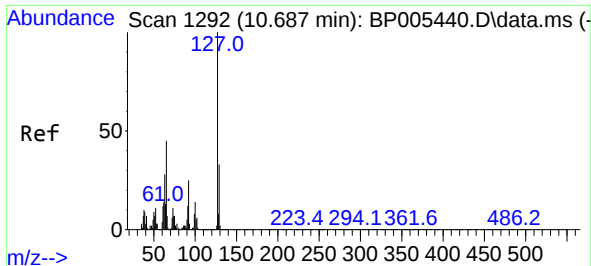
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#32
Benzoic acid
Concen: 37.41 ng
RT: 9.905 min Scan# 1159
Delta R.T. 0.029 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:122 Resp: 19040
Ion Ratio Lower Upper
122 100
105 115.7 105.1 145.1
77 126.5 69.6 109.6#





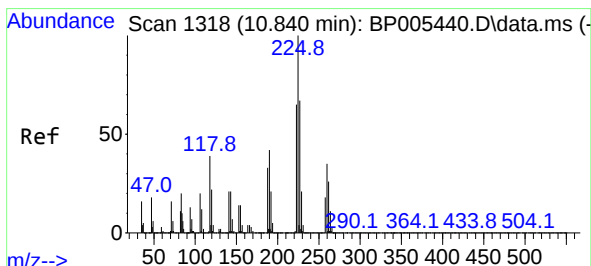
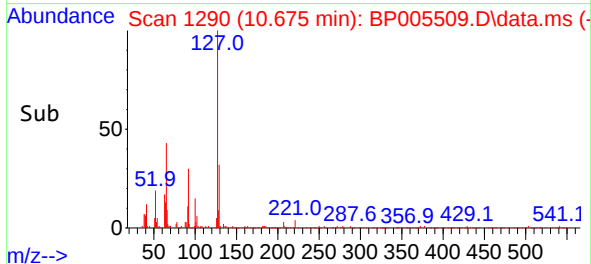
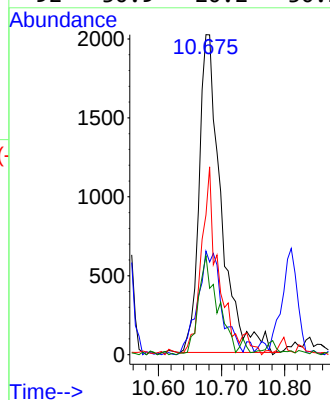
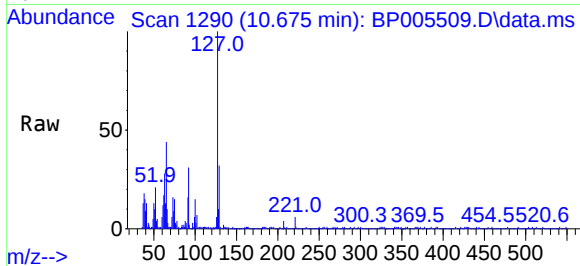
#33
4-Chloroaniline
Concen: 4.97 ng
RT: 10.675 min Scan# 1290
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	127	Resp:	4857
Ion Ratio	Lower	Upper	
127	100		
129	32.4	25.5	38.3
65	43.7	30.0	45.0
92	30.9	20.2	30.2#

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

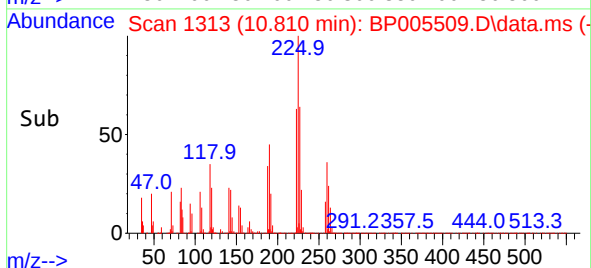
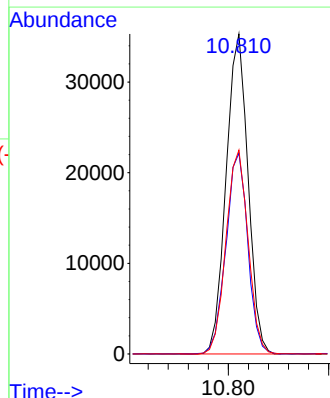
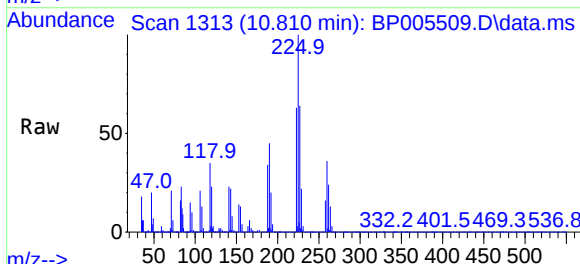
Manual Integrations
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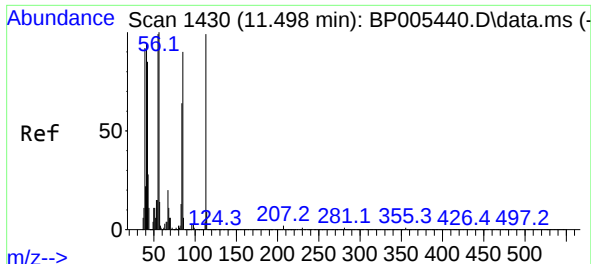
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#34
Hexachlorobutadiene
Concen: 48.47 ng
RT: 10.810 min Scan# 1313
Delta R.T. -0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

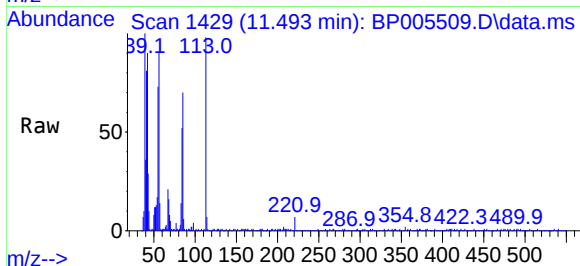
Tgt Ion:	225	Resp:	53421
Ion Ratio	Lower	Upper	
225	100		
223	62.8	51.1	76.7
227	63.7	50.2	75.2





#35
Caprolactam
Concen: 33.46 ng m
RT: 11.493 min Scan# 1429
Delta R.T. 0.018 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

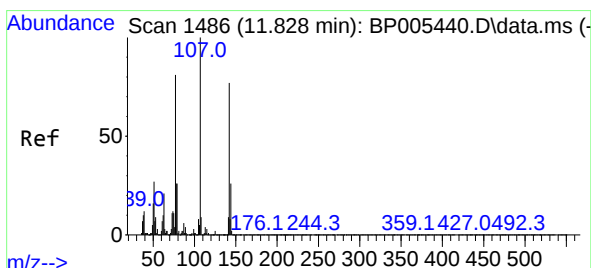
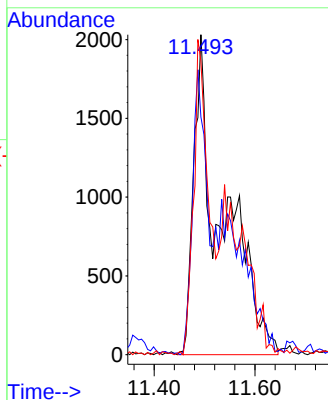
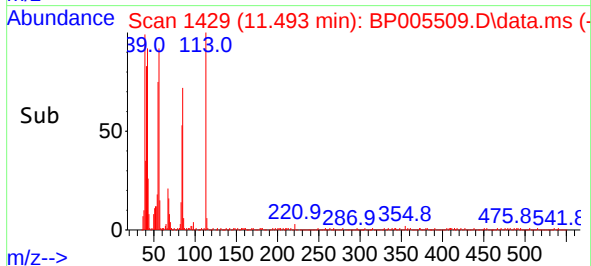
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS



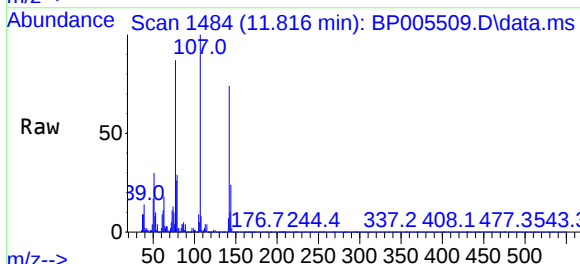
Tgt Ion:	113	Resp:	7964
Ion Ratio	Lower	Upper	
113	100		
55	74.2	72.0	112.0
56	91.7	65.1	105.1

Manual Integrations
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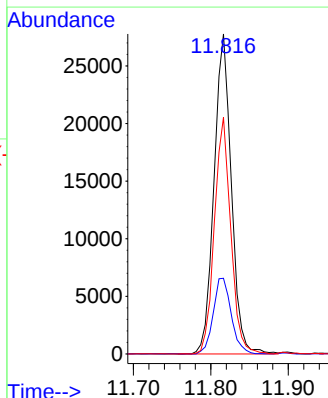
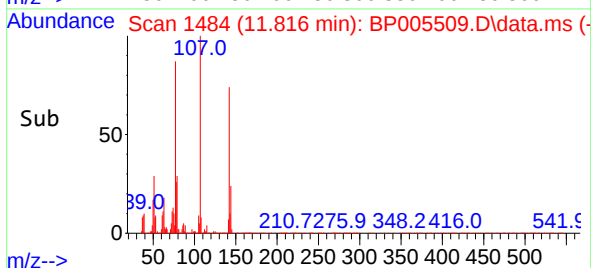
Sohil
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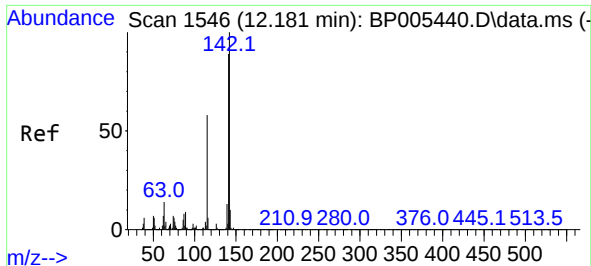


#36
4-Chloro-3-methylphenol
Concen: 46.86 ng
RT: 11.816 min Scan# 1484
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59



Tgt Ion:	107	Resp:	43222
Ion Ratio	Lower	Upper	
107	100		
144	23.6	20.1	30.1
142	73.9	62.2	93.4





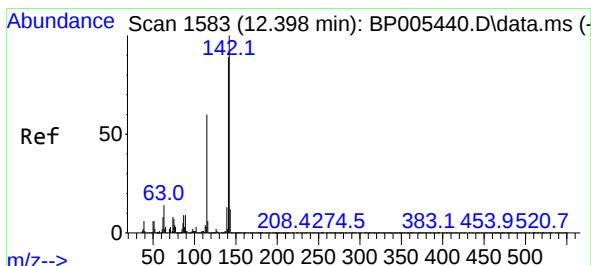
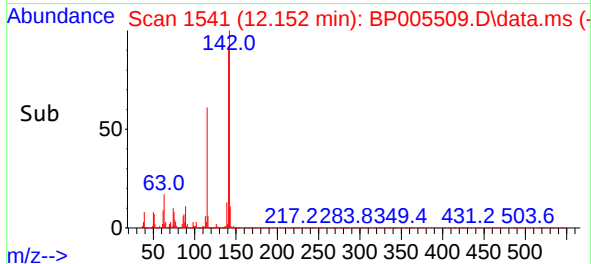
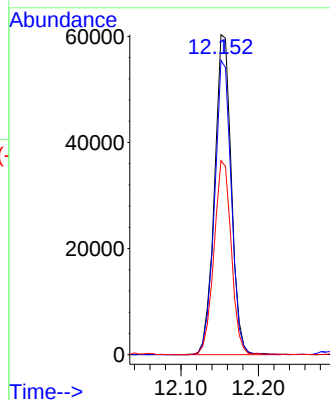
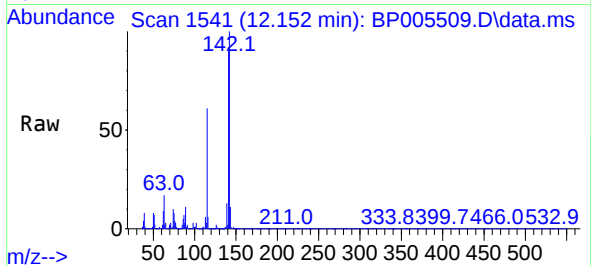
#37
2-Methylnaphthalene
Concen: 45.19 ng
RT: 12.152 min Scan# 1541
Delta R.T. -0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:142 Resp: 90907
Ion Ratio Lower Upper
142 100
141 91.9 74.7 112.1
115 60.6 43.8 65.8

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

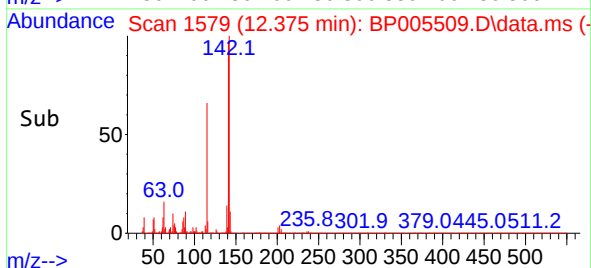
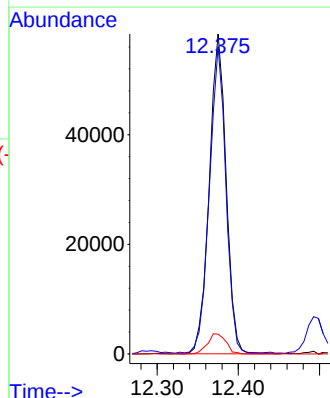
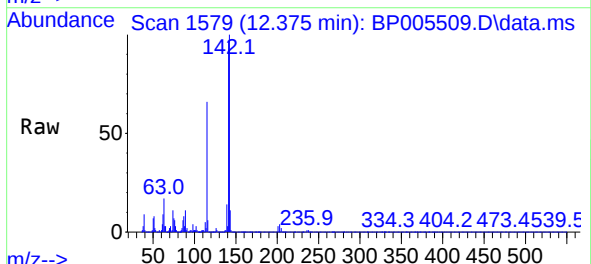
Manual Integrations
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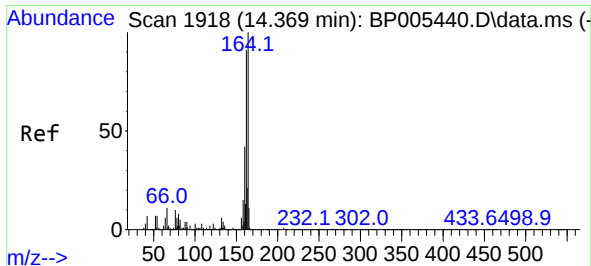
Sohil
5/13/2021 2:51:58 PM



#38
1-Methylnaphthalene
Concen: 44.23 ng
RT: 12.375 min Scan# 1579
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

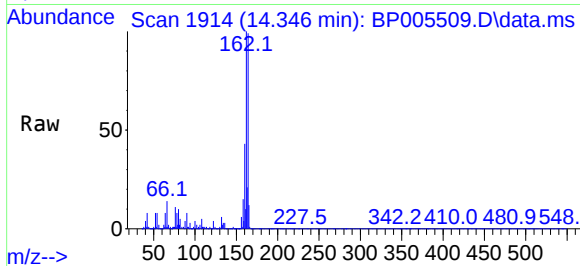
Tgt Ion:142 Resp: 84001
Ion Ratio Lower Upper
142 100
141 96.1 77.0 115.6
116 6.2 5.0 7.6





#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.346 min Scan# 1914
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

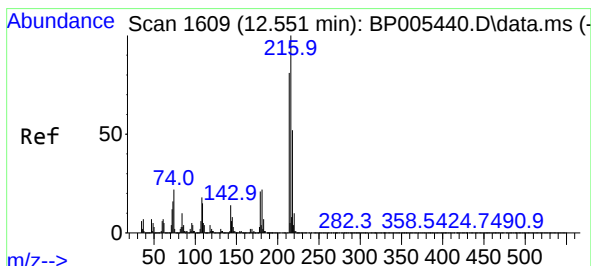
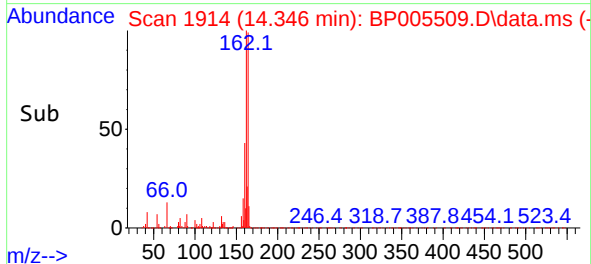
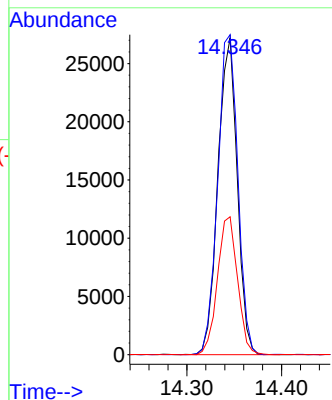
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS



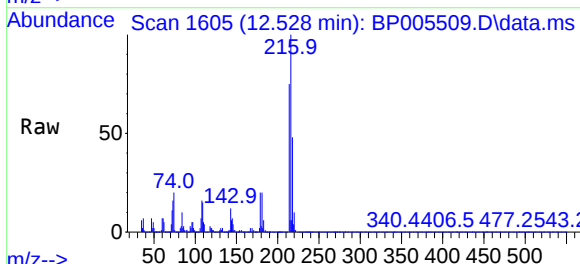
Tgt Ion:164 Resp: 38443
Ion Ratio Lower Upper
164 100
162 101.0 73.5 110.3
160 43.6 40.6 61.0

Manual Integrations
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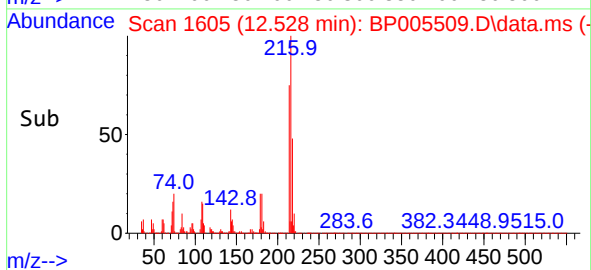
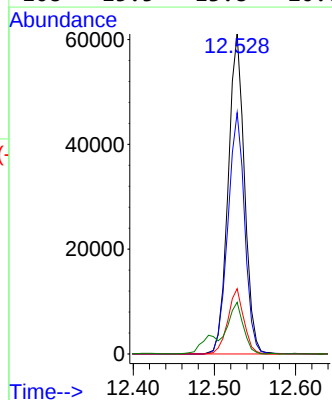
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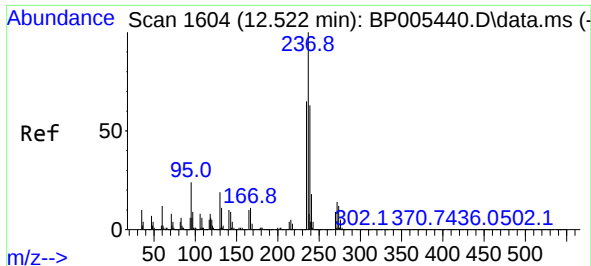


#40
1,2,4,5-Tetrachlorobenzene
Concen: 48.22 ng
RT: 12.528 min Scan# 1605
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59



Tgt Ion:216 Resp: 85173
Ion Ratio Lower Upper
216 100
214 77.5 60.6 91.0
179 20.0 15.3 22.9
108 15.5 13.8 20.6





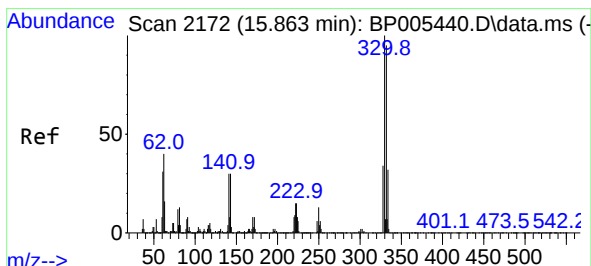
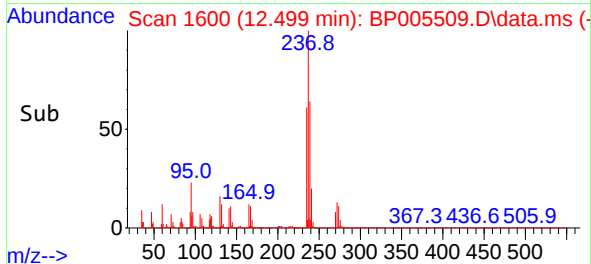
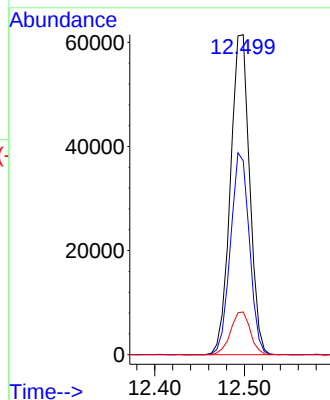
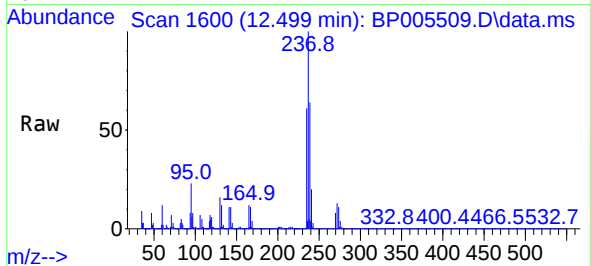
#41
Hexachlorocyclopentadiene
Concen: 118.68 ng
RT: 12.499 min Scan# 1600
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	237	Resp:	91261
Ion Ratio	Lower	Upper	
237	100		
235	60.6	40.9	80.9
272	13.4	0.0	34.6

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

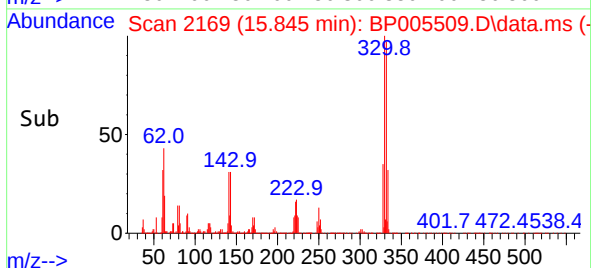
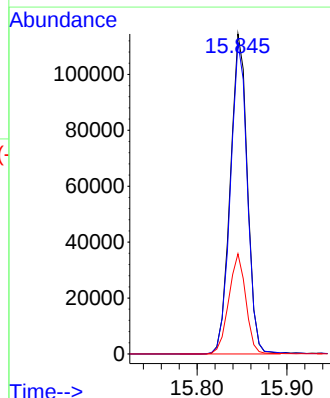
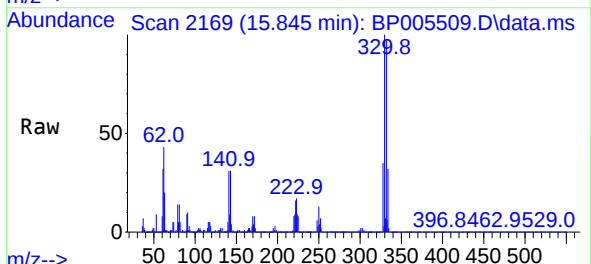
Manual Integrations
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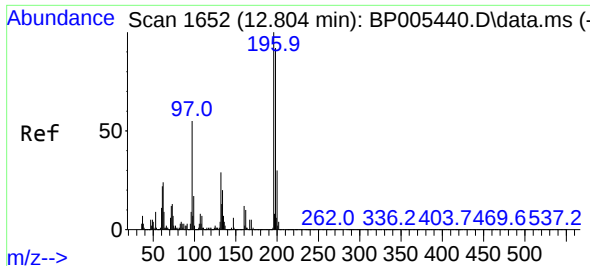
Sohil
5/13/2021 2:51:58 PM



#42
2,4,6-Tribromophenol
Concen: 137.92 ng
RT: 15.845 min Scan# 2169
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	330	Resp:	150457
Ion Ratio	Lower	Upper	
330	100		
332	97.2	76.3	114.5
141	31.5	22.8	34.2





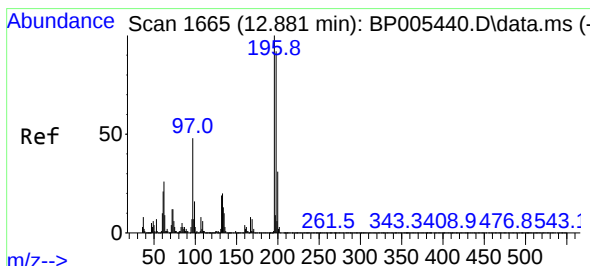
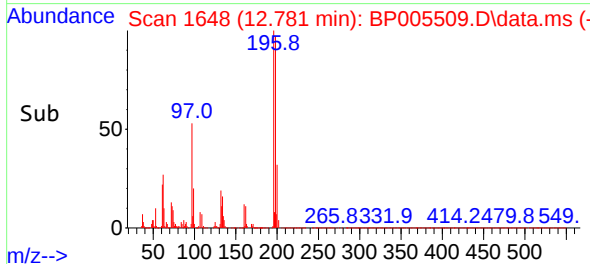
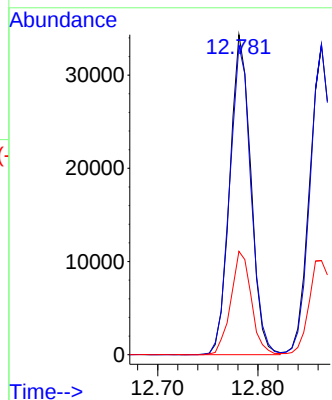
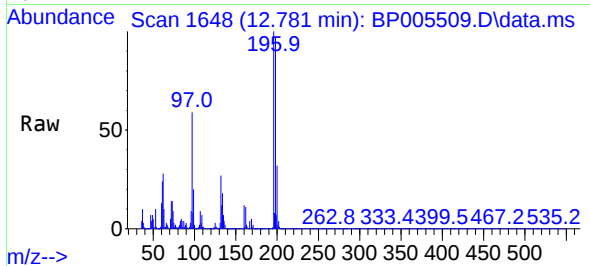
#43
2,4,6-Trichlorophenol
Concen: 45.25 ng
RT: 12.781 min Scan# 1648
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

Tgt Ion:196 Resp: 49935
Ion Ratio Lower Upper
196 100
198 96.7 81.4 122.2
200 32.3 28.2 42.2

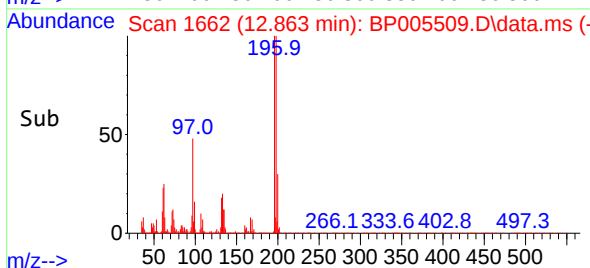
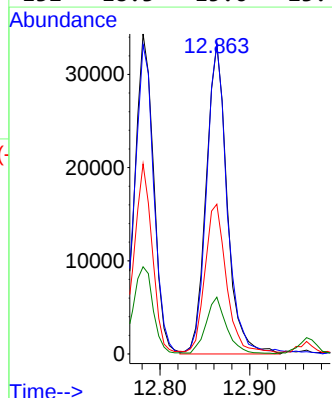
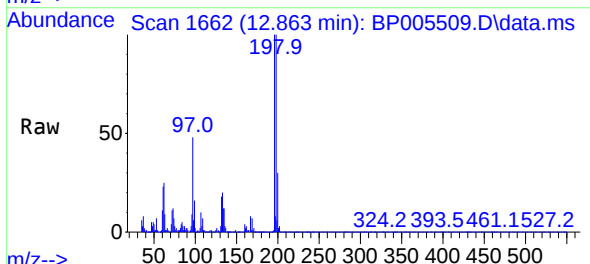
Manual Integrations
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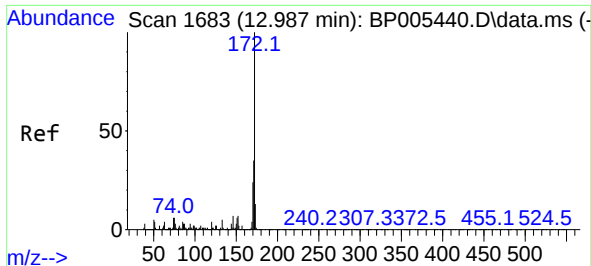
Sohil
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#44
2,4,5-Trichlorophenol
Concen: 45.29 ng
RT: 12.863 min Scan# 1662
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:196 Resp: 53940
Ion Ratio Lower Upper
196 100
198 100.3 71.0 106.4
97 48.4 38.5 57.7
132 18.3 15.6 23.4





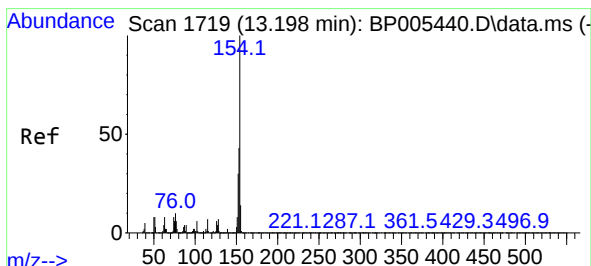
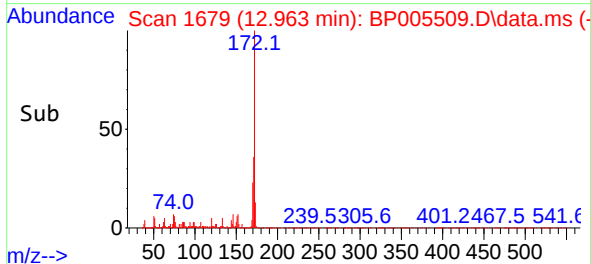
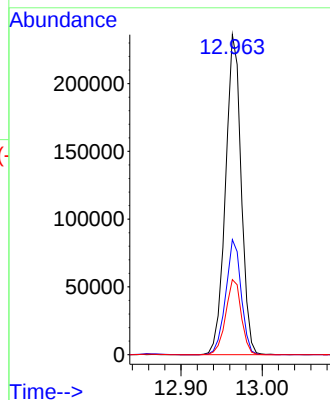
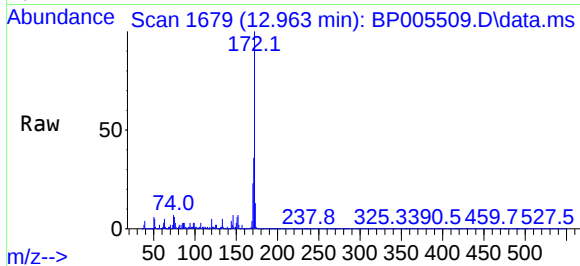
#45
2-Fluorobiphenyl
Concen: 92.83 ng
RT: 12.963 min Scan# 1679
Delta R.T. -0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	172	Resp:	316357
Ion Ratio	Lower	Upper	
172	100		
171	35.9	28.1	42.1
170	23.5	19.6	29.4

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

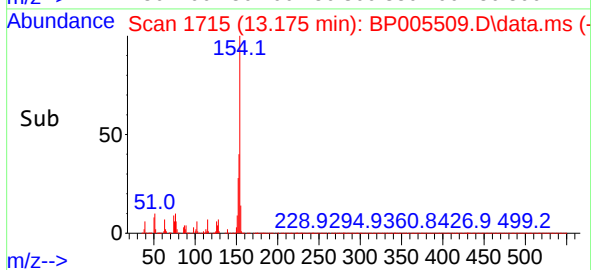
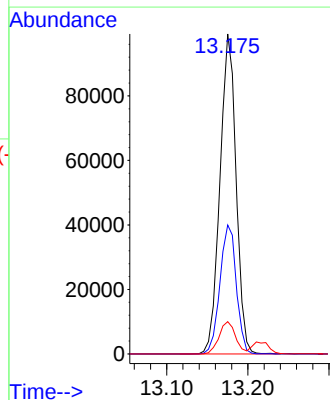
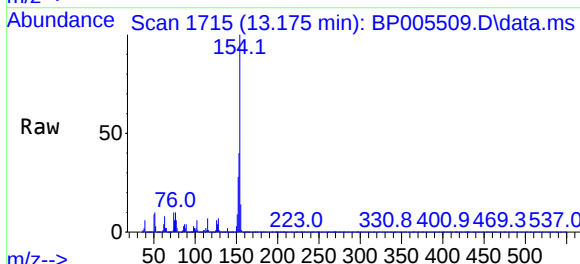
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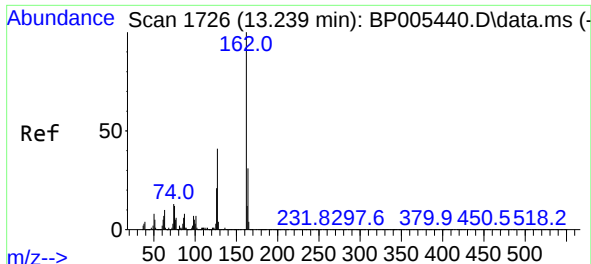
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#46
1,1'-Biphenyl
Concen: 46.43 ng
RT: 13.175 min Scan# 1715
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	154	Resp:	137415
Ion Ratio	Lower	Upper	
154	100		
153	40.3	18.9	58.9
76	10.1	0.0	32.1





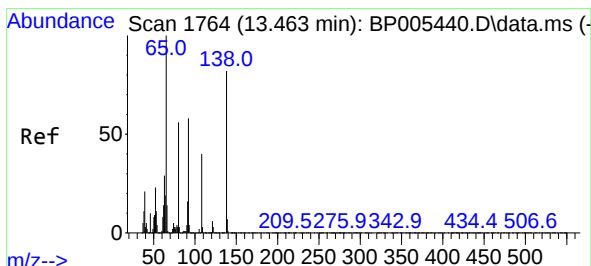
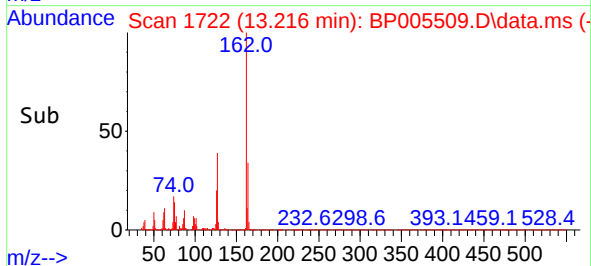
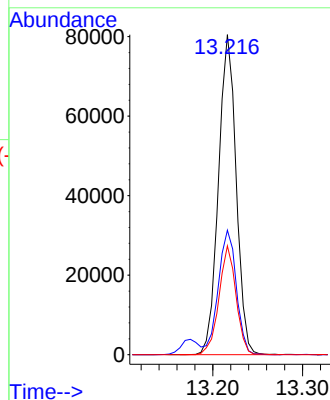
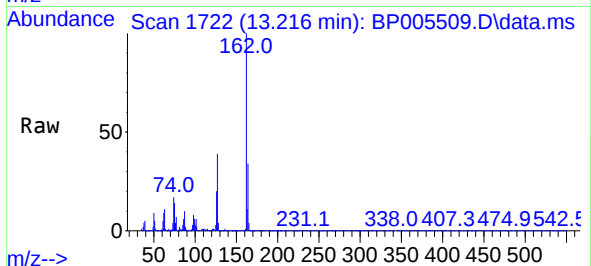
#47
2-Chloronaphthalene
Concen: 44.74 ng
RT: 13.216 min Scan# 1722
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	162	Resp:	110262
Ion Ratio	Lower	Upper	
162	100		
127	38.9	31.4	47.0
164	34.0	26.6	39.8

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

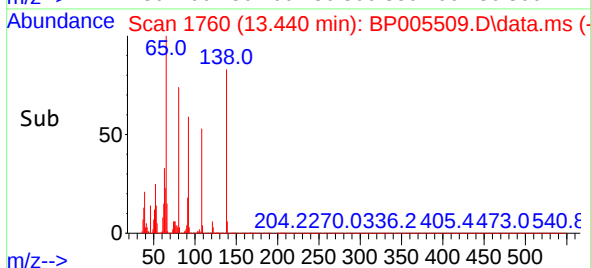
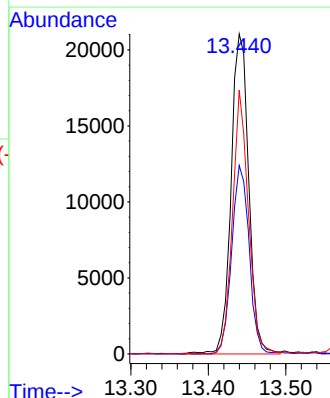
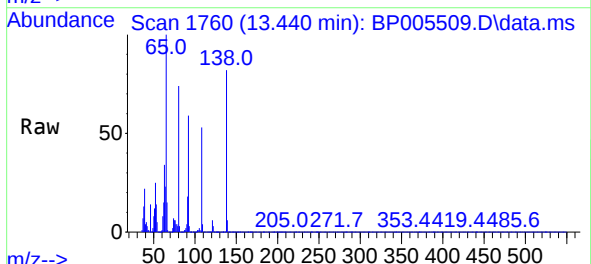
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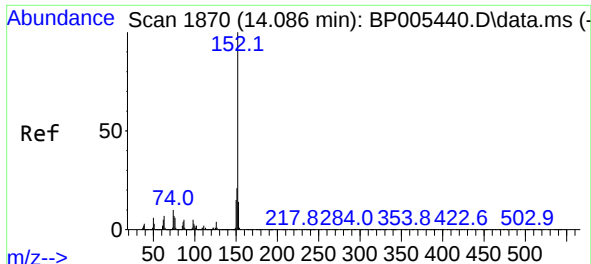
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#48
2-Nitroaniline
Concen: 47.69 ng
RT: 13.440 min Scan# 1760
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	65	Resp:	33387
Ion Ratio	Lower	Upper	
65	100		
92	58.9	48.8	73.2
138	82.4	69.5	104.3





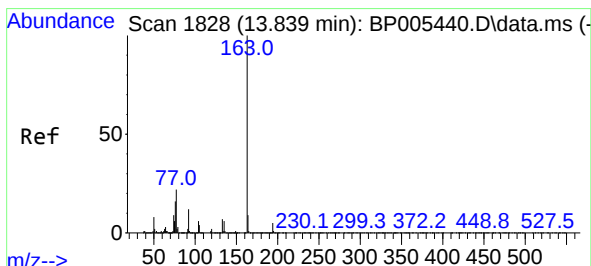
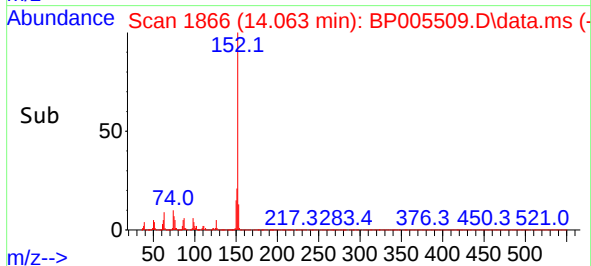
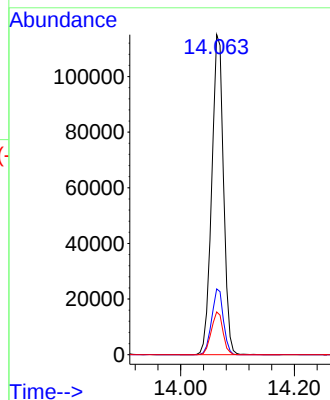
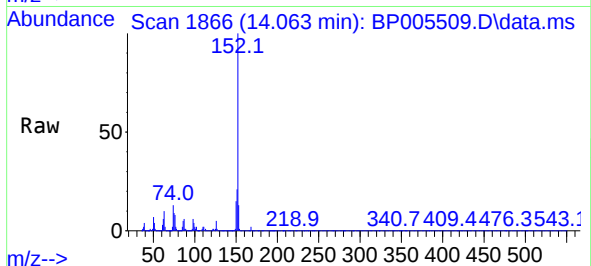
#49
Acenaphthylene
Concen: 46.24 ng
RT: 14.063 min Scan# 1866
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	152	Resp:	164161
Ion Ratio	Lower	Upper	
152	100		
151	20.5	15.8	23.6
153	13.3	10.5	15.7

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

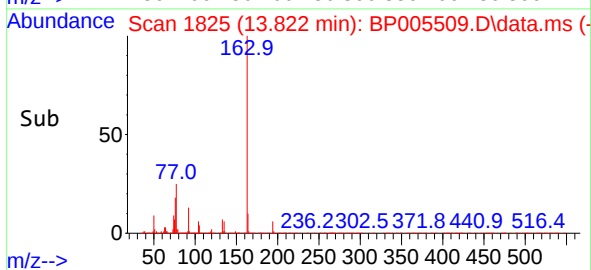
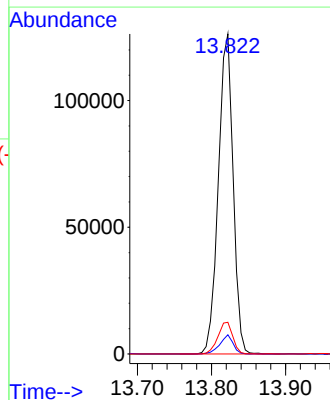
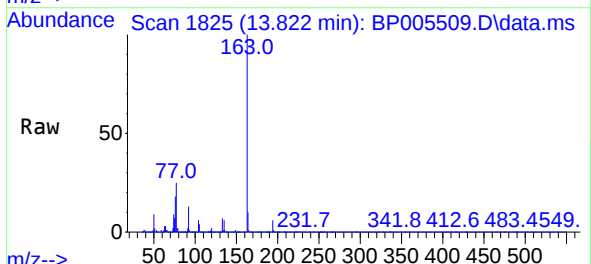
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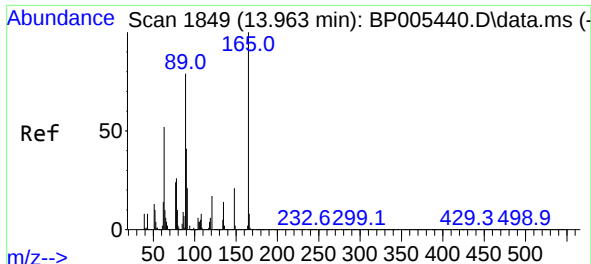
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#50
Dimethylphthalate
Concen: 52.72 ng
RT: 13.822 min Scan# 1825
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

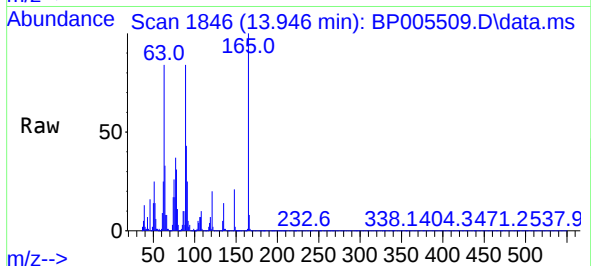
Tgt Ion:	163	Resp:	174948
Ion Ratio	Lower	Upper	
163	100		
194	6.0	3.9	5.9#
164	9.9	8.1	12.1





#51
2,6-Dinitrotoluene
Concen: 43.58 ng
RT: 13.946 min Scan# 1846
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

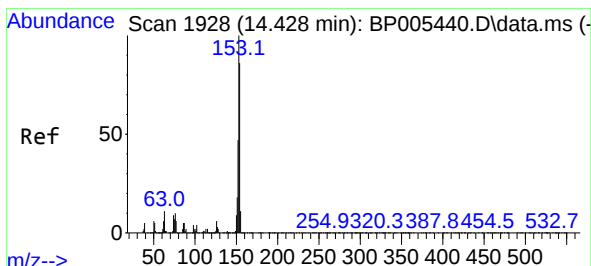
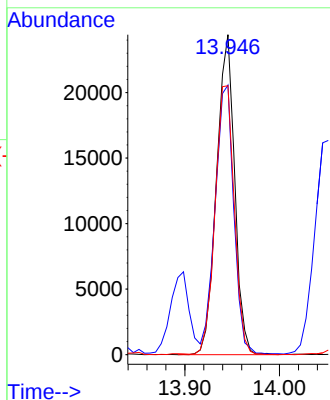
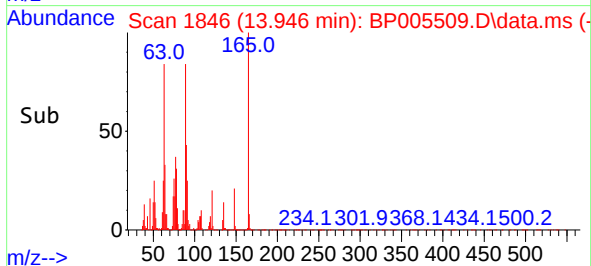
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS



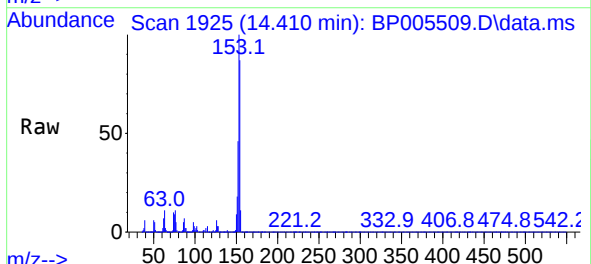
Tgt Ion:165 Resp: 32474
Ion Ratio Lower Upper
165 100
63 84.3 67.4 101.0
89 84.0 73.8 110.6

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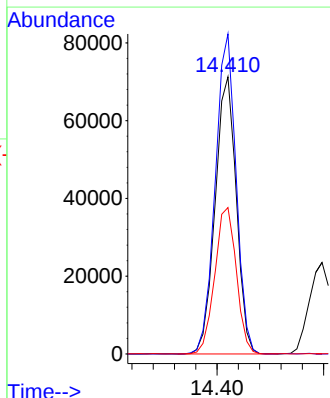
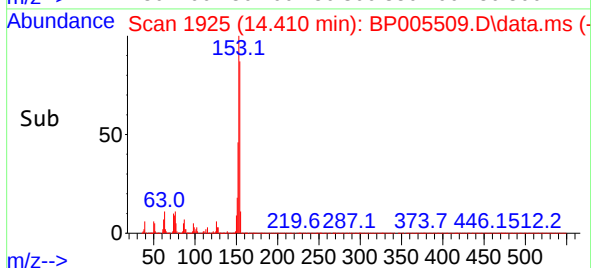
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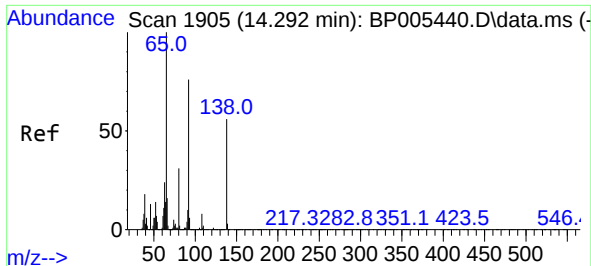


#52
Acenaphthene
Concen: 44.44 ng
RT: 14.410 min Scan# 1925
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59



Tgt Ion:154 Resp: 98166
Ion Ratio Lower Upper
154 100
153 115.5 90.9 136.3
152 52.8 48.5 72.7





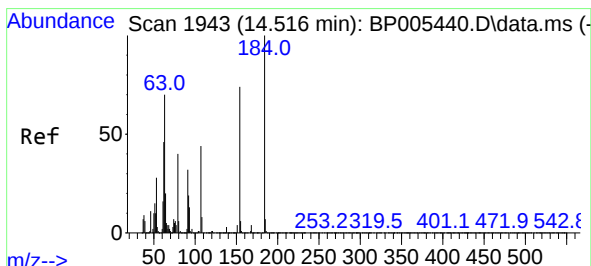
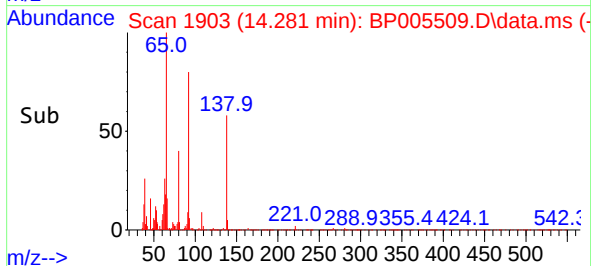
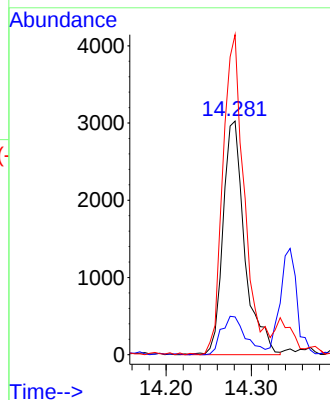
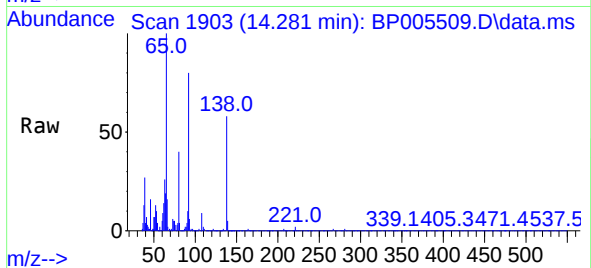
#53
3-Nitroaniline
Concen: 10.00 ng
RT: 14.281 min Scan# 1903
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

Tgt Ion:138 Resp: 5341
Ion Ratio Lower Upper
138 100
108 16.2 10.2 15.4#
92 136.9 108.1 162.1

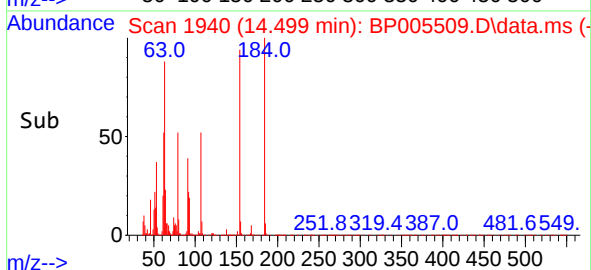
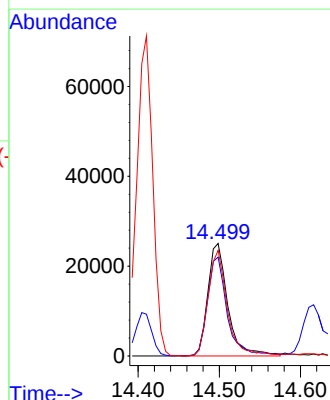
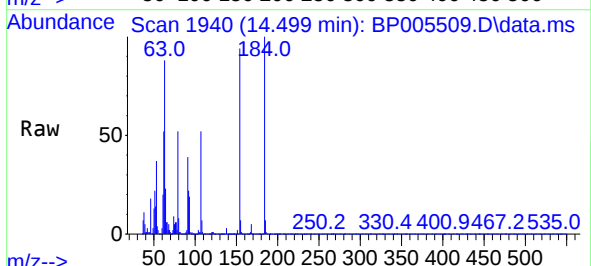
Manual Integrations
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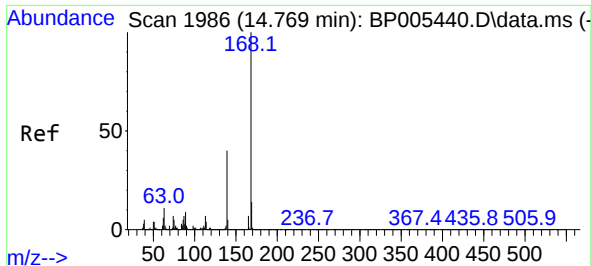
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#54
2,4-Dinitrophenol
Concen: 94.85 ng
RT: 14.499 min Scan# 1940
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:184 Resp: 42635
Ion Ratio Lower Upper
184 100
63 88.0 51.2 76.8#
154 94.0 55.8 83.8#





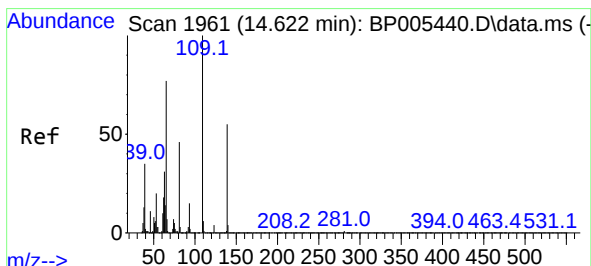
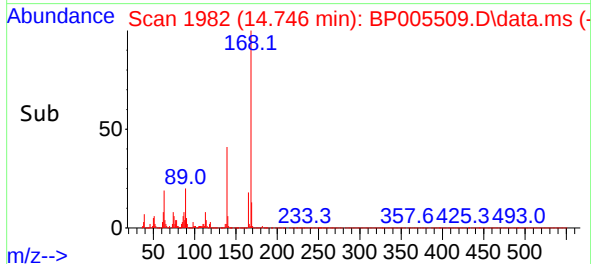
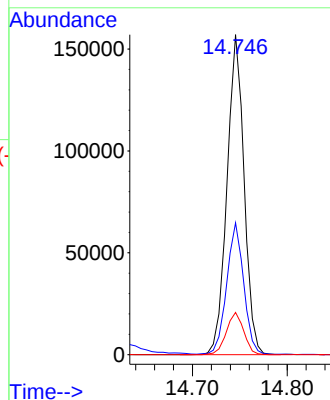
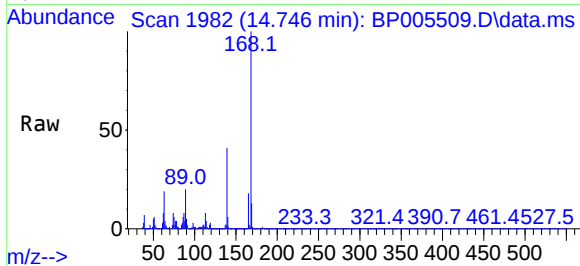
#55
Dibenzofuran
Concen: 47.48 ng
RT: 14.746 min Scan# 1982
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:168 Resp: 197287
Ion Ratio Lower Upper
168 100
139 41.2 31.4 47.0
169 13.2 11.4 17.0

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

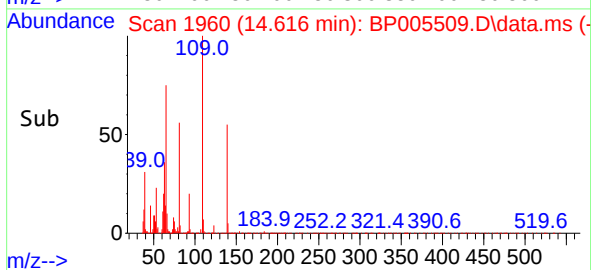
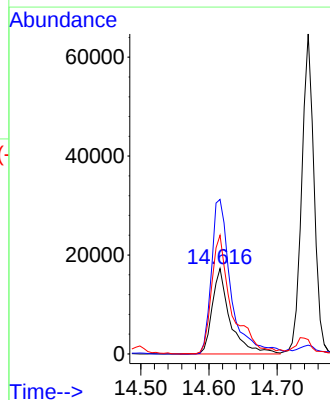
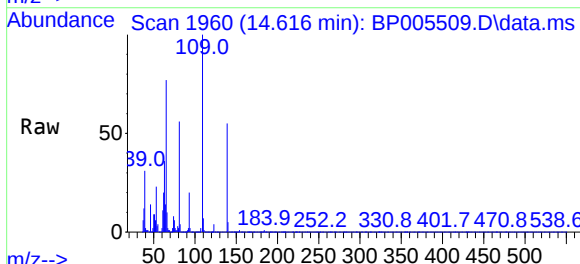
Manual Integrations
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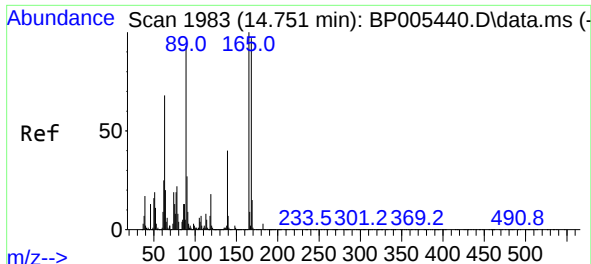
Sohil
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#56
4-Nitrophenol
Concen: 78.06 ng
RT: 14.616 min Scan# 1960
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

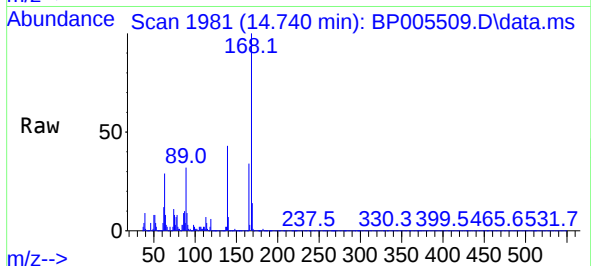
Tgt Ion:139 Resp: 31458
Ion Ratio Lower Upper
139 100
109 180.8 122.8 162.8#
65 138.9 110.0 150.0





#57
2,4-Dinitrotoluene
Concen: 46.69 ng
RT: 14.740 min Scan# 1981
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

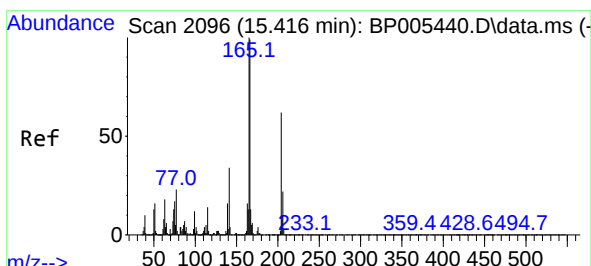
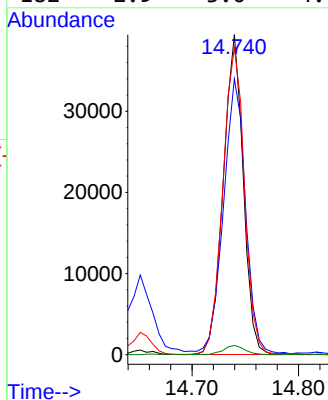
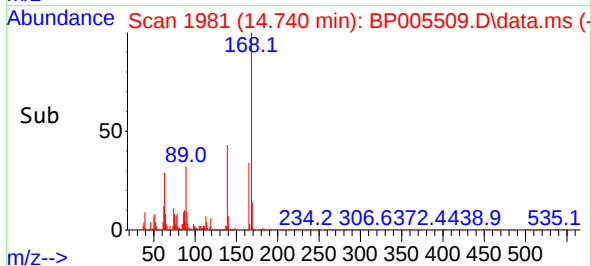
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS



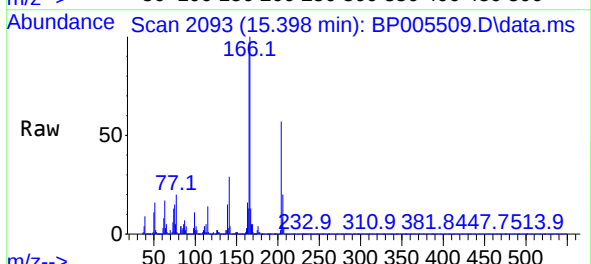
Tgt Ion:165 Resp: 51301
Ion Ratio Lower Upper
165 100
63 86.2 56.7 85.1#
89 95.9 85.8 128.6
182 2.9 3.0 4.6#

Manual Integrations
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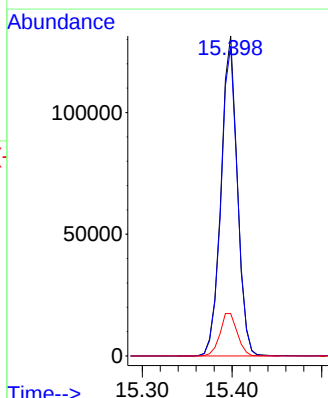
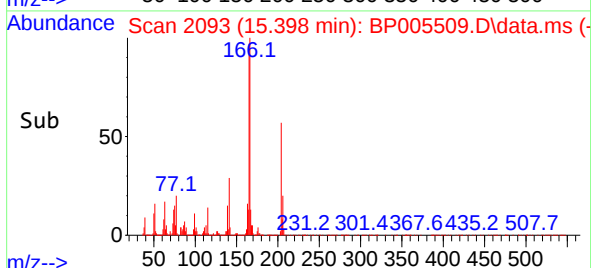
Sohil
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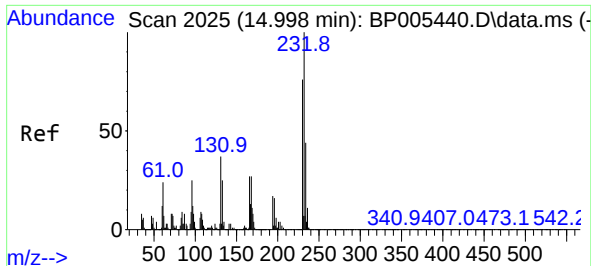


#58
Fluorene
Concen: 48.90 ng
RT: 15.398 min Scan# 2093
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59



Tgt Ion:166 Resp: 165898
Ion Ratio Lower Upper
166 100
165 96.8 78.8 118.2
167 13.2 10.9 16.3





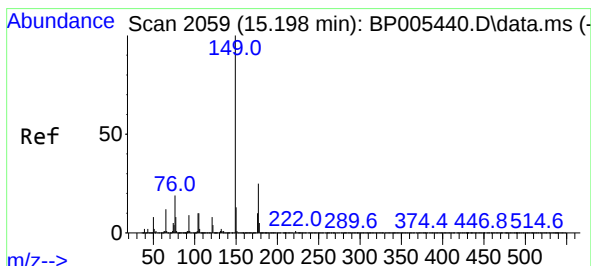
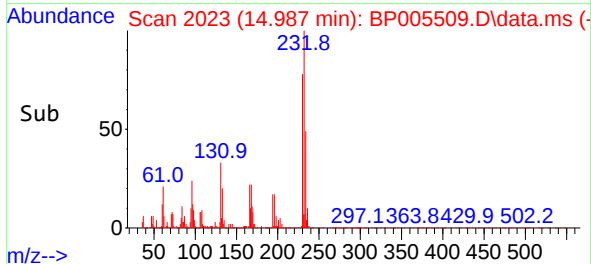
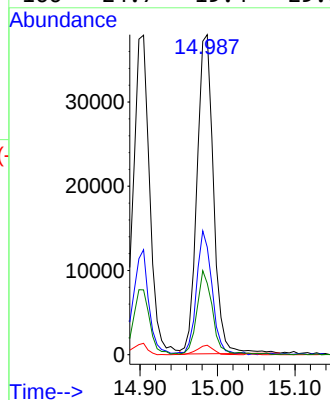
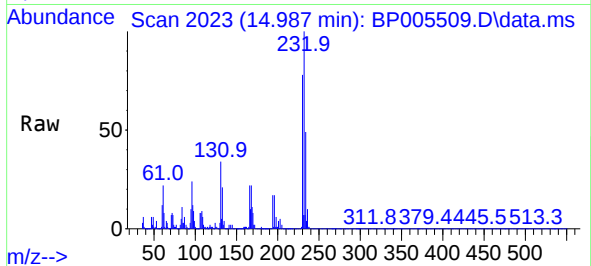
#59
2,3,4,6-Tetrachlorophenol
Concen: 47.06 ng
RT: 14.987 min Scan# 2023
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	232	Resp:	56035
Ion Ratio	Lower	Upper	
232	100		
131	36.9	26.5	39.7
130	3.0	2.1	3.1
166	24.7	19.4	29.0

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

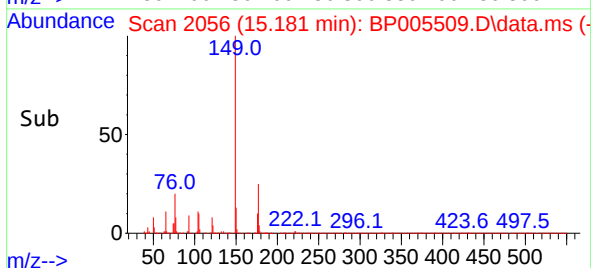
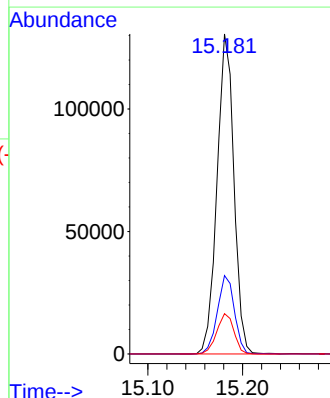
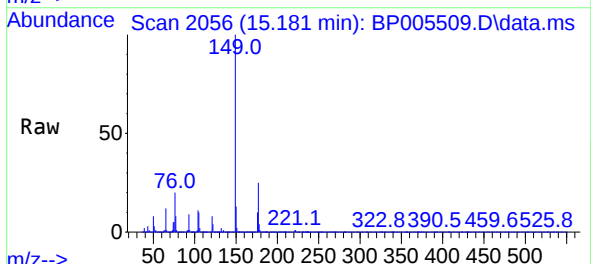
Manual Integrations
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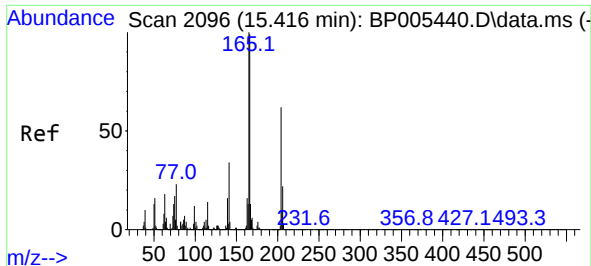
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#60
Diethylphthalate
Concen: 50.27 ng
RT: 15.181 min Scan# 2056
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	149	Resp:	161596
Ion Ratio	Lower	Upper	
149	100		
177	24.5	19.2	28.8
150	12.6	9.9	14.9





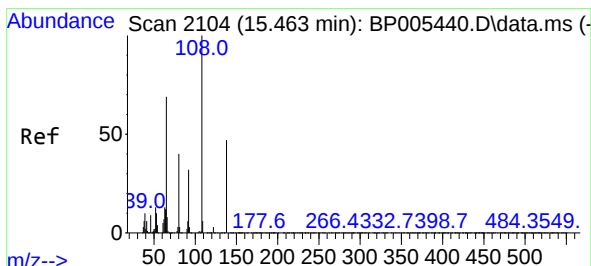
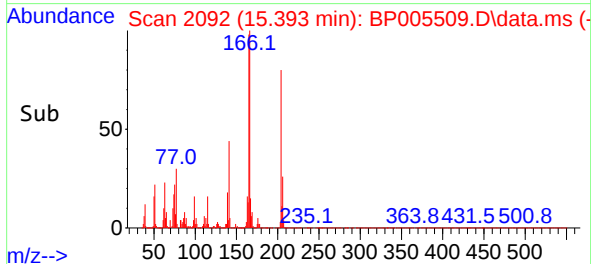
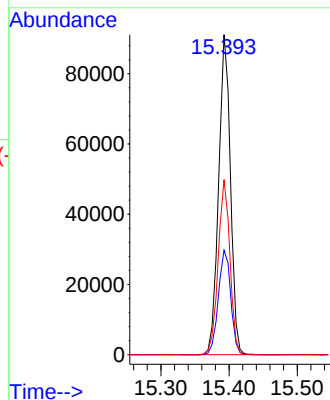
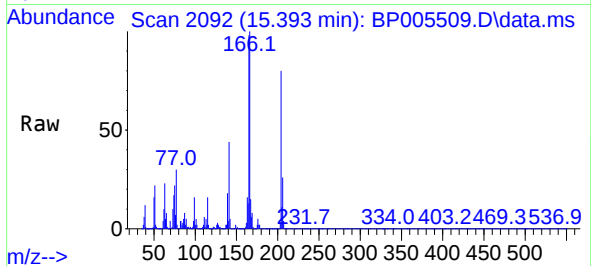
#61
4-Chlorophenyl-phenylether
Concen: 51.66 ng
RT: 15.393 min Scan# 2092
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	204	Resp:	109678
Ion Ratio	Lower	Upper	
204	100		
206	32.7	26.0	39.0
141	54.7	44.2	66.2

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

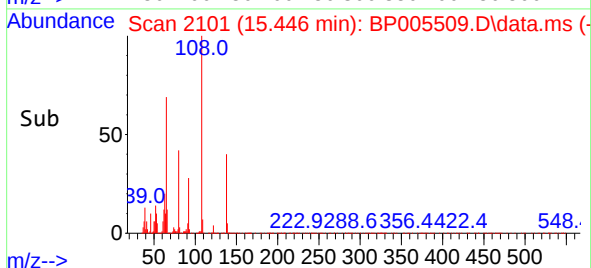
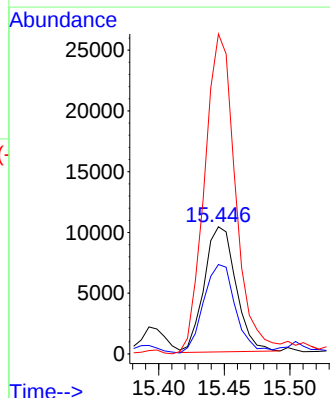
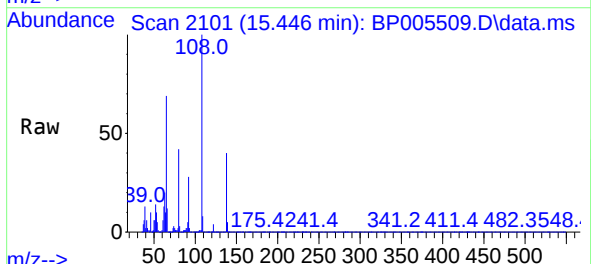
Manual Integrations
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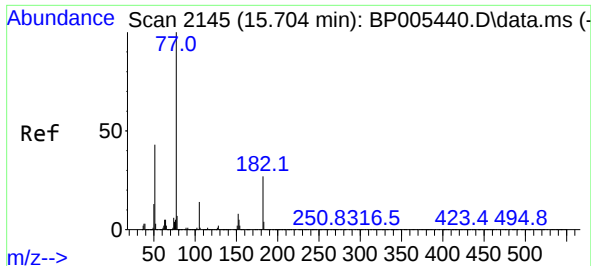
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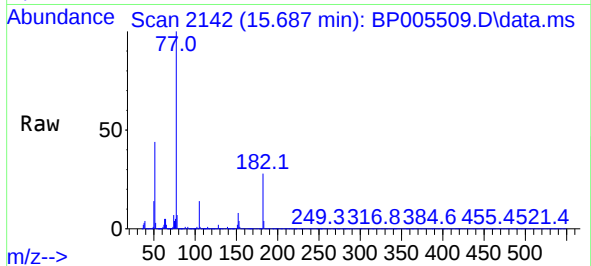
#62
4-Nitroaniline
Concen: 33.70 ng
RT: 15.446 min Scan# 2101
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	138	Resp:	17286
Ion Ratio	Lower	Upper	
138	100		
92	70.3	50.9	90.9
108	251.7	154.7	194.7

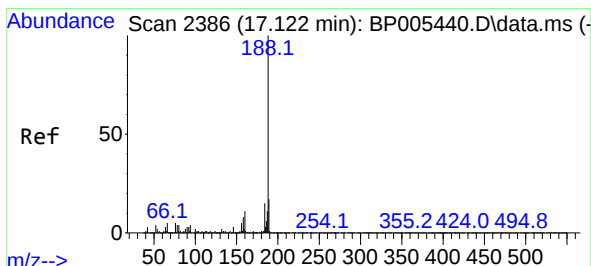
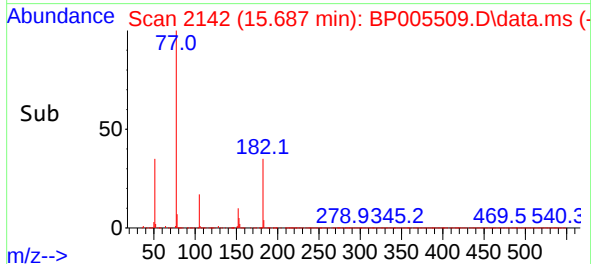
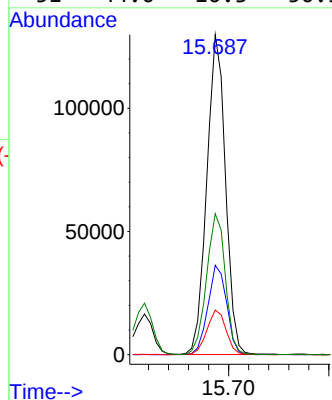




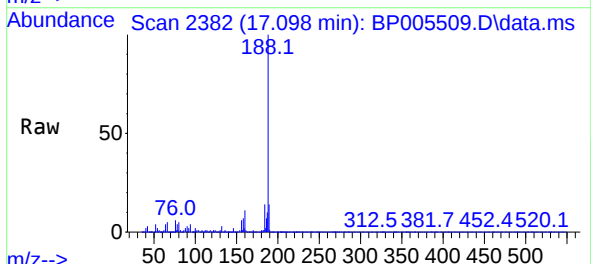
#63
Azobenzene
Concen: 50.89 ng
RT: 15.687 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59



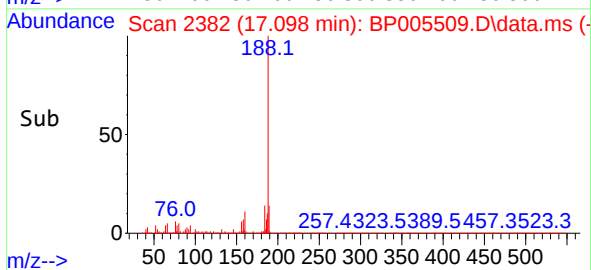
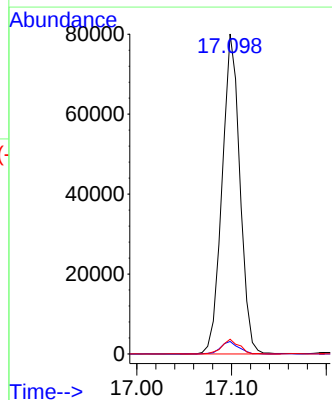
Tgt Ion:	77	Resp:	168616
Ion Ratio	Lower	Upper	
77	100		
182	28.0	5.5	45.5
105	13.9	0.0	36.5
51	44.0	10.3	50.3



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.098 min Scan# 2382
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59



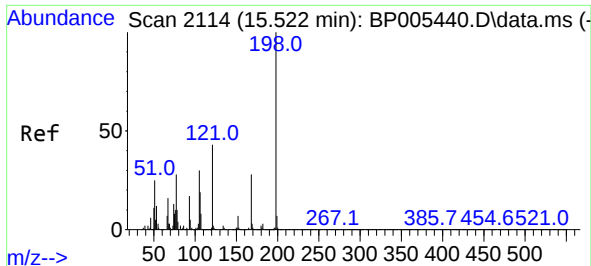
Tgt Ion:	188	Resp:	104746
Ion Ratio	Lower	Upper	
188	100		
94	3.9	5.0	7.6#
80	4.6	5.9	8.9#



Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

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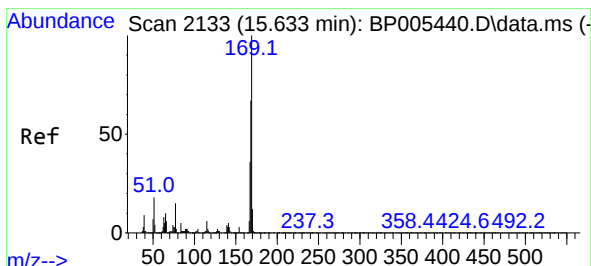
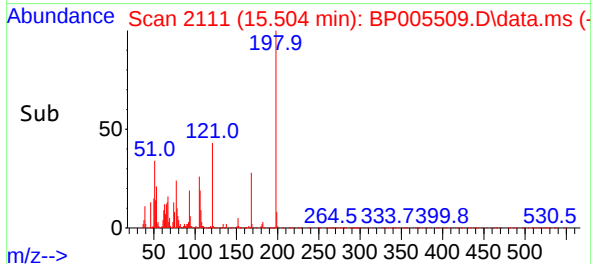
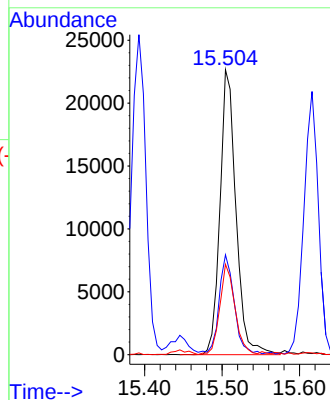
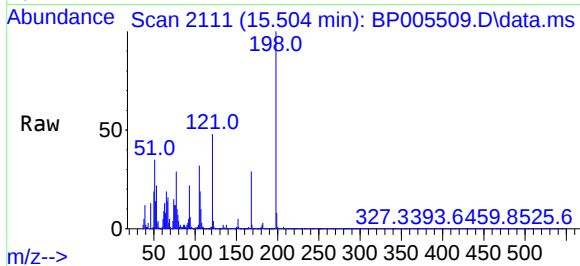
#65
4,6-Dinitro-2-methylphenol
Concen: 39.16 ng
RT: 15.504 min Scan# 2111
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion	Ratio	Lower	Upper
198	100		
51	35.0	10.3	50.3
105	31.7	13.6	53.6

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

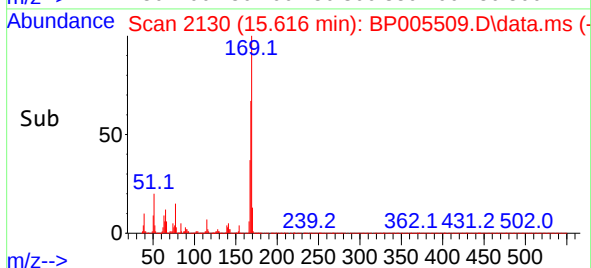
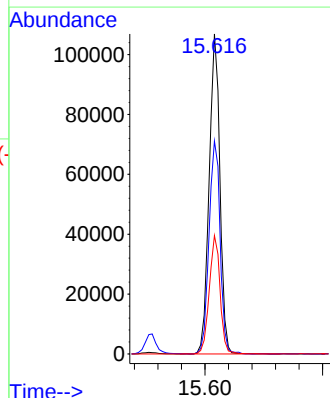
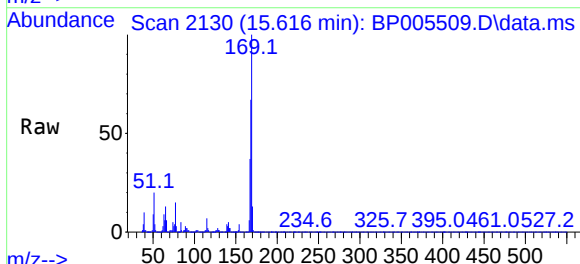
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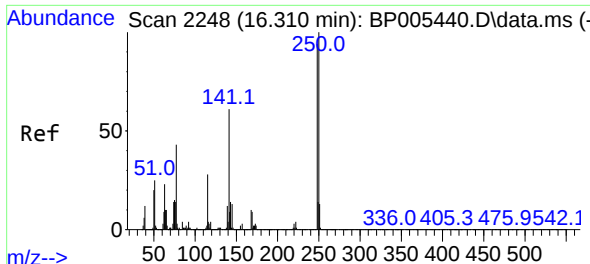
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#66
n-Nitrosodiphenylamine
Concen: 44.59 ng
RT: 15.616 min Scan# 2130
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

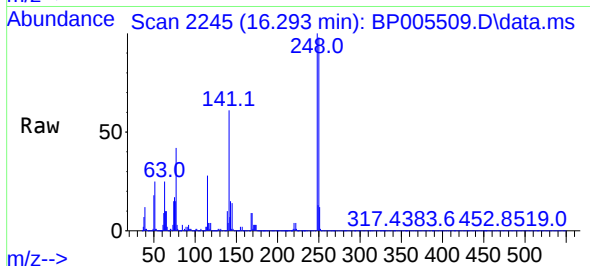
Tgt Ion	Ratio	Lower	Upper
169	100		
168	66.6	55.2	82.8
167	37.0	36.6	54.8





#67
4-Bromophenyl-phenylether
Concen: 47.62 ng
RT: 16.293 min Scan# 2245
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

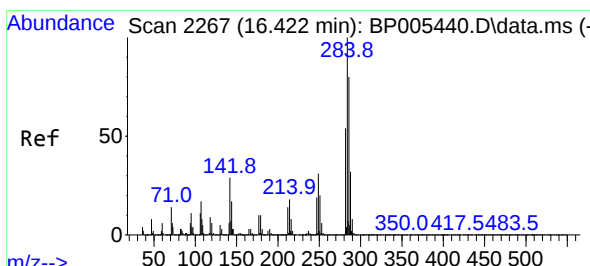
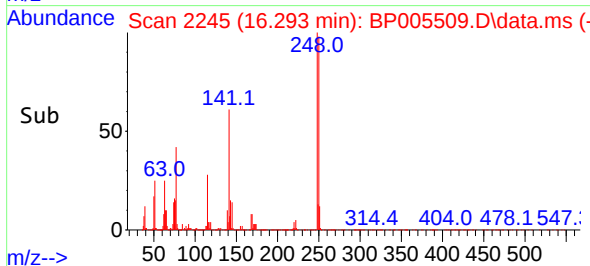
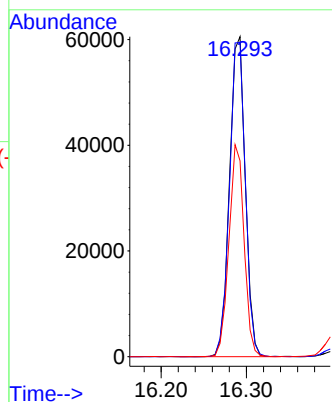
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS



Tgt Ion:248 Resp: 77864
Ion Ratio Lower Upper
248 100
250 98.2 77.5 116.3
141 61.2 50.1 75.1

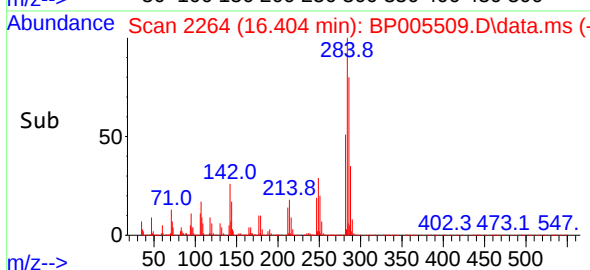
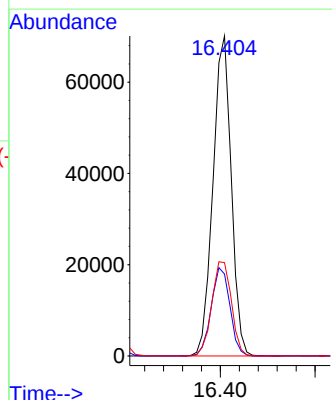
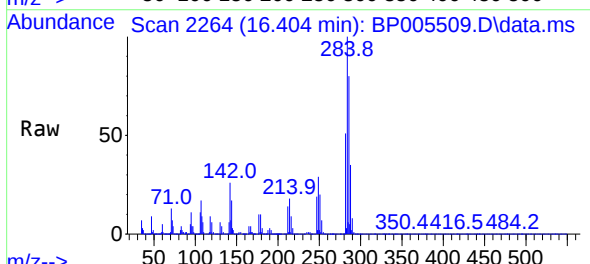
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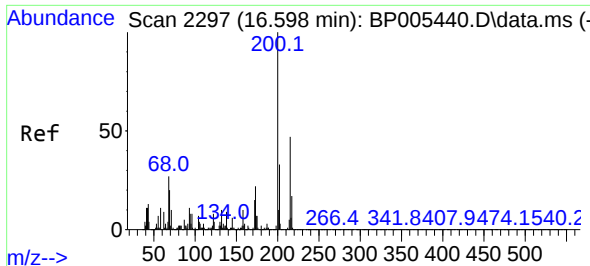
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#68
Hexachlorobenzene
Concen: 45.17 ng
RT: 16.404 min Scan# 2264
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:284 Resp: 93664
Ion Ratio Lower Upper
284 100
142 25.6 20.8 31.2
249 29.1 23.7 35.5





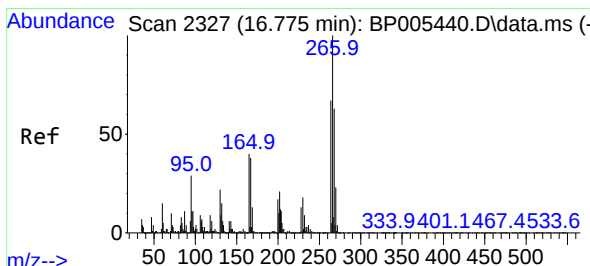
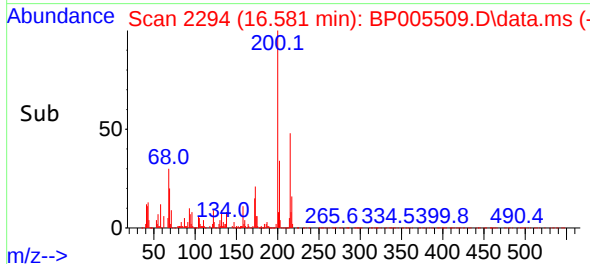
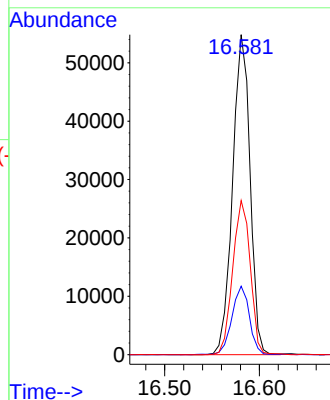
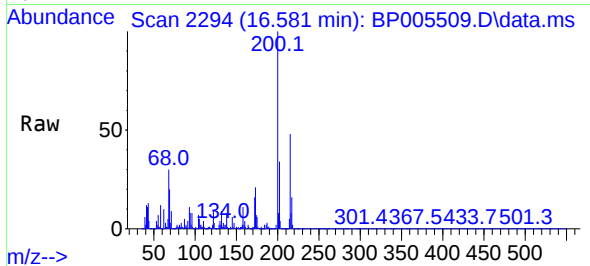
#69
Atrazine
Concen: 49.14 ng
RT: 16.581 min Scan# 2294
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion: 200 Resp: 70168
Ion Ratio Lower Upper
200 100
173 21.4 0.7 40.7
215 48.1 29.0 69.0

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

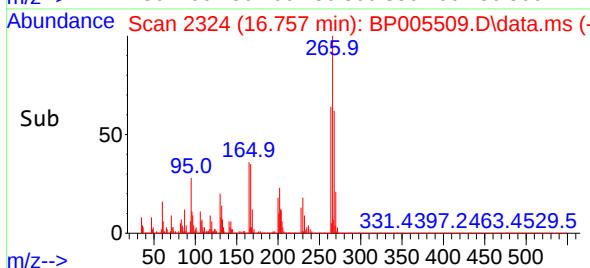
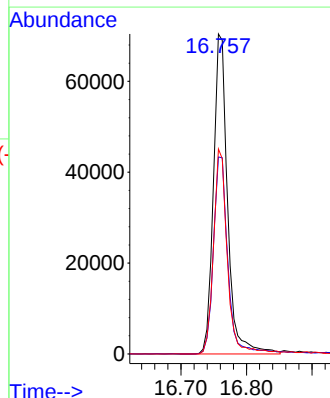
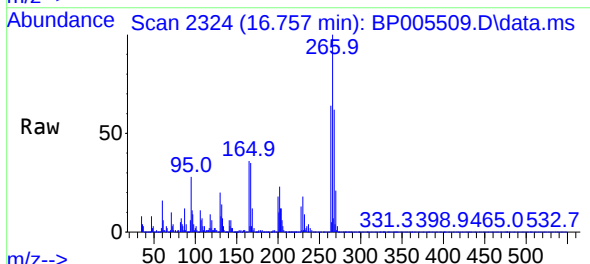
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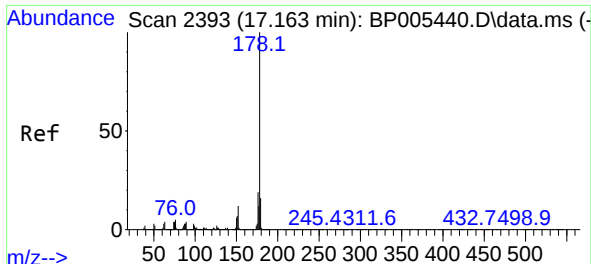
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#70
Pentachlorophenol
Concen: 96.09 ng
RT: 16.757 min Scan# 2324
Delta R.T. 0.000 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

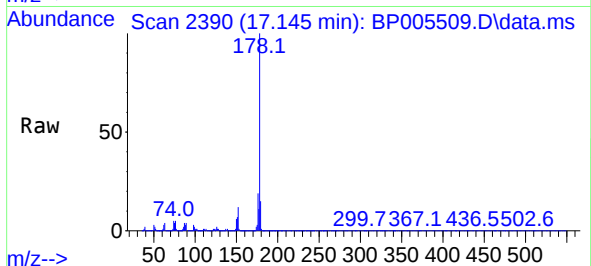
Tgt Ion: 266 Resp: 105720
Ion Ratio Lower Upper
266 100
268 61.6 49.4 74.0
264 64.1 53.7 80.5





#71
Phenanthrene
Concen: 44.91 ng
RT: 17.145 min Scan# 2390
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

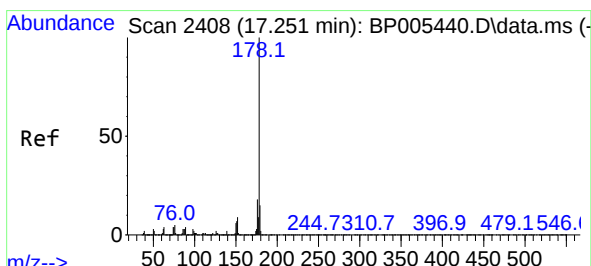
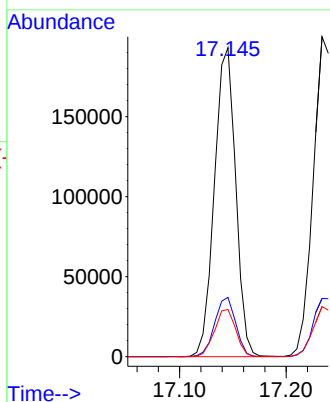
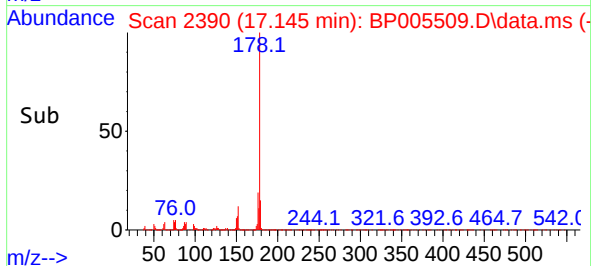
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS



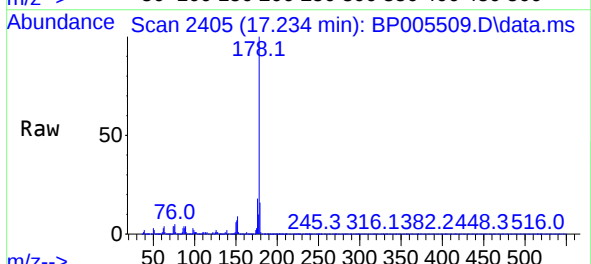
Tgt Ion:178 Resp: 267297
Ion Ratio Lower Upper
178 100
176 19.2 15.4 23.2
179 15.3 12.3 18.5

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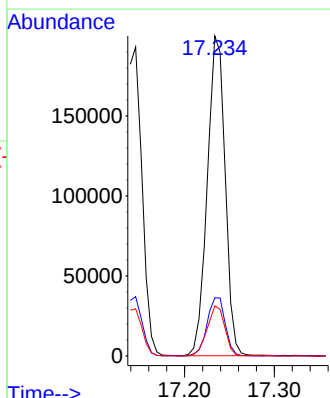
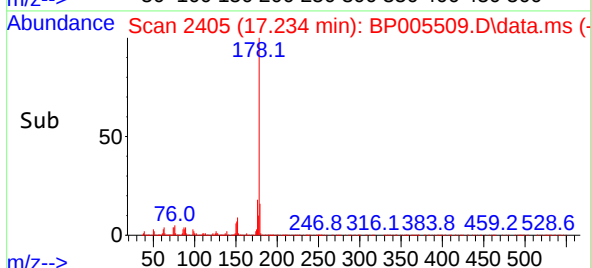
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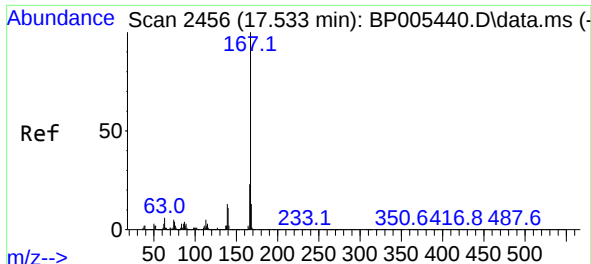


#72
Anthracene
Concen: 46.78 ng
RT: 17.234 min Scan# 2405
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

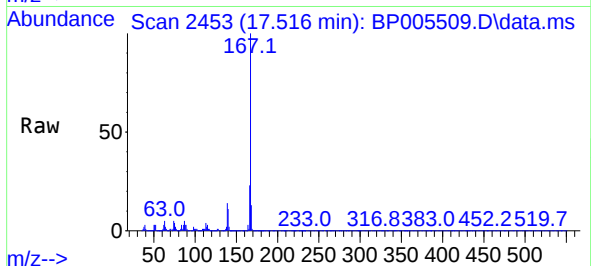


Tgt Ion:178 Resp: 276331
Ion Ratio Lower Upper
178 100
176 18.2 15.2 22.8
179 15.7 12.6 19.0

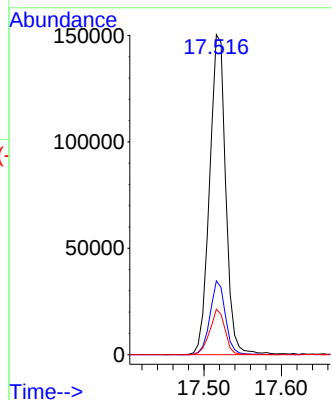




#73
 Carbazole
 Concen: 41.77 ng
 RT: 17.516 min Scan# 2453
 Delta R.T. 0.000 min
 Lab File: BP005509.D
 Acq: 12 May 2021 17:59



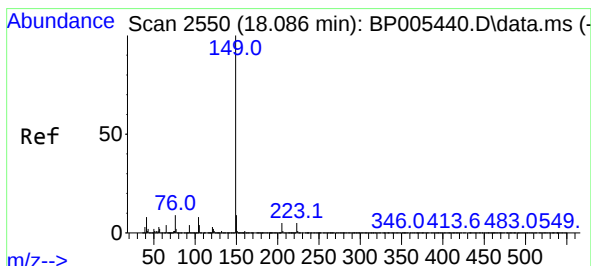
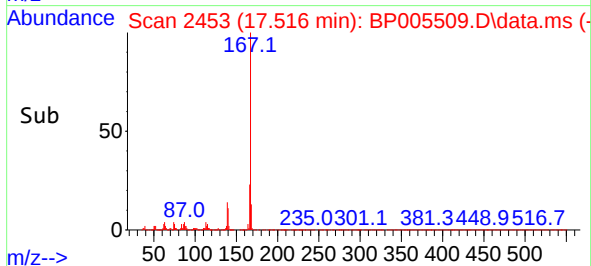
Tgt Ion:167 Resp: 217285
 Ion Ratio Lower Upper
 167 100
 166 23.0 17.4 26.0
 139 14.2 10.4 15.6



Instrument :
 BNA_P
 ClientSampleId :
 AST2-COPR4-1MS

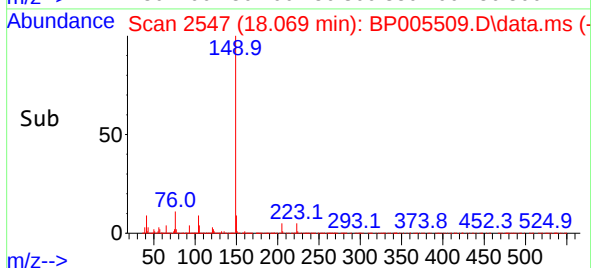
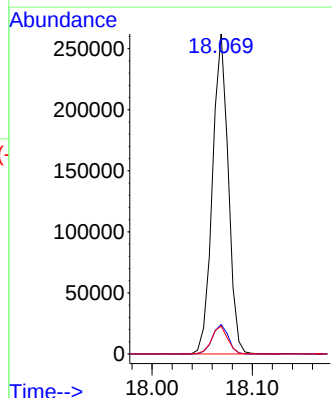
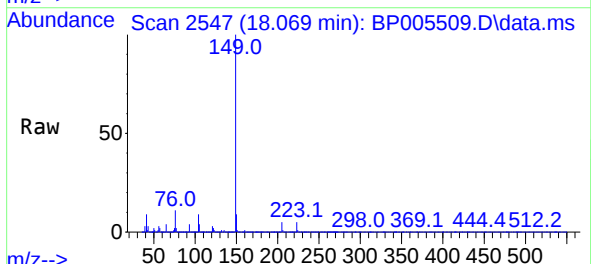
Manual Integrations
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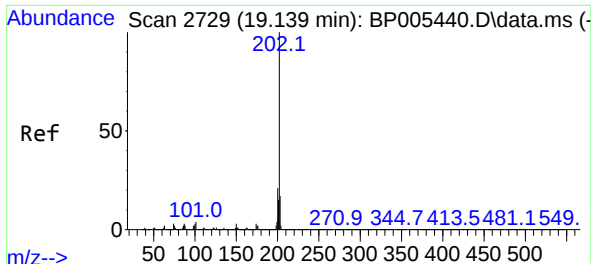
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#74
 Di-n-butylphthalate
 Concen: 50.10 ng
 RT: 18.069 min Scan# 2547
 Delta R.T. 0.006 min
 Lab File: BP005509.D
 Acq: 12 May 2021 17:59

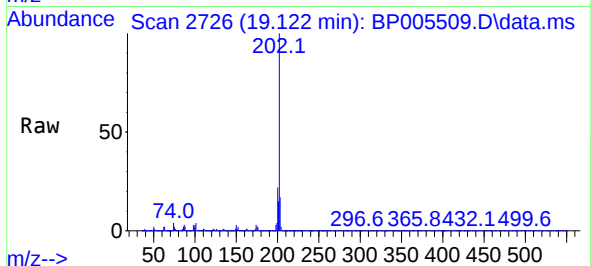
Tgt Ion:149 Resp: 286047
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.6 11.4
 104 8.7 8.9 13.3#





#75
Fluoranthene
Concen: 45.29 ng
RT: 19.122 min Scan# 2726
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

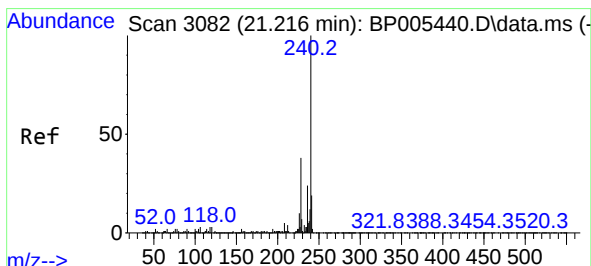
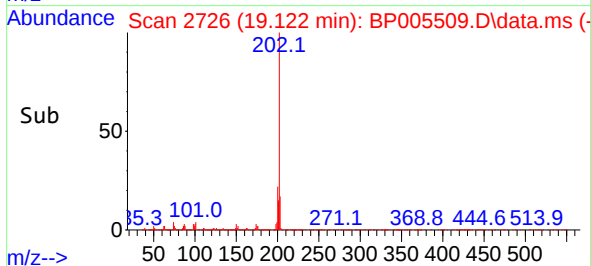
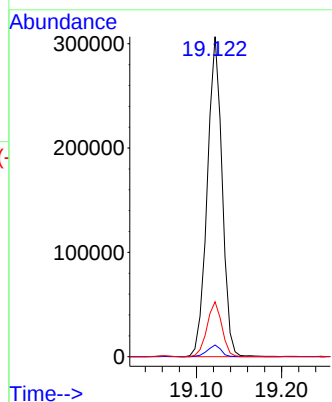
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS



Tgt Ion:202 Resp: 370778
Ion Ratio Lower Upper
202 100
101 3.7 0.0 26.1
203 17.1 0.0 37.2

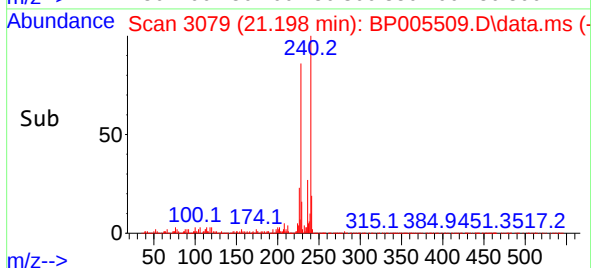
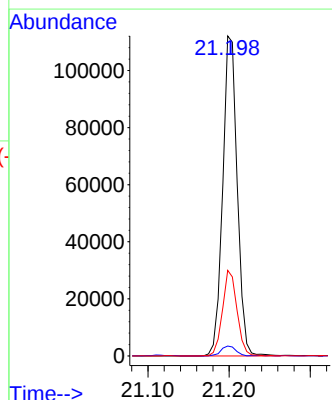
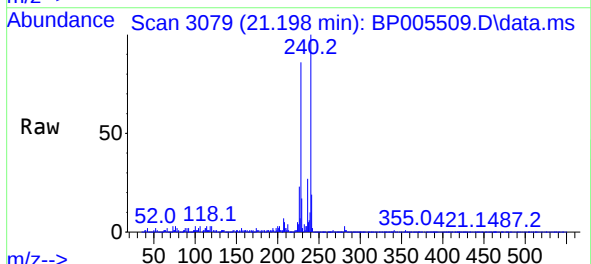
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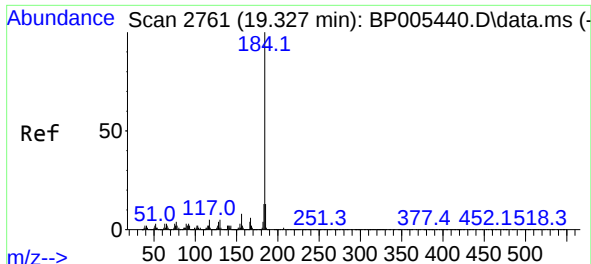
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#76
Chrysene-d12
Concen: 20.00 ng
RT: 21.198 min Scan# 3079
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:240 Resp: 139963
Ion Ratio Lower Upper
240 100
120 3.1 4.2 6.2#
236 26.7 20.2 30.2





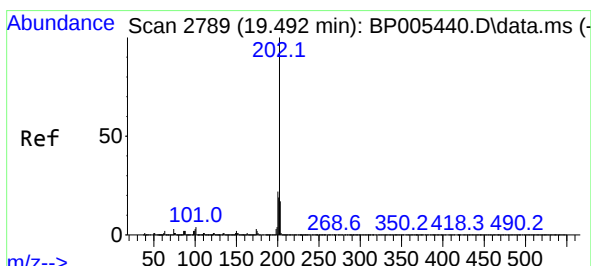
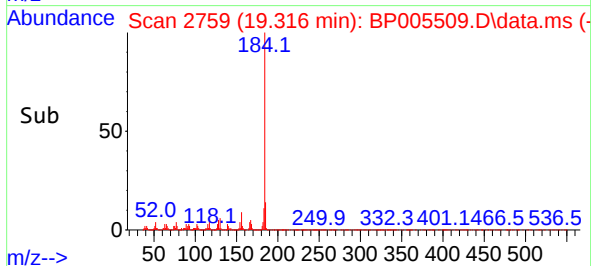
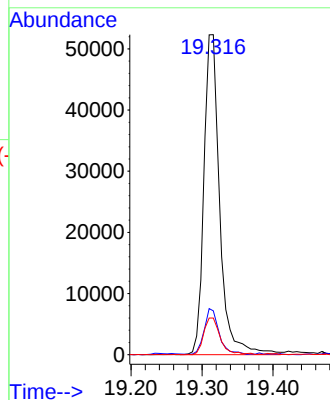
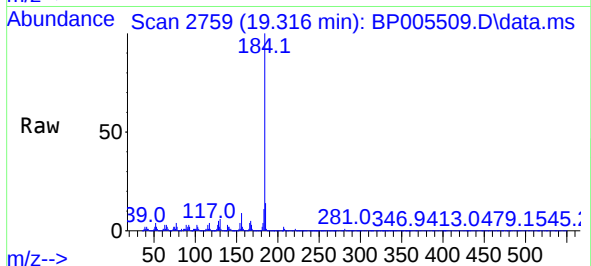
#77
Benzidine
Concen: 37.51 ng
RT: 19.316 min Scan# 2759
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	184	Resp:	81273
Ion Ratio	Lower	Upper	
184	100		
185	13.7	11.1	16.7
183	11.5	9.8	14.8

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

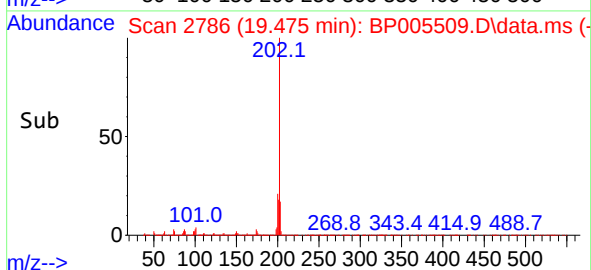
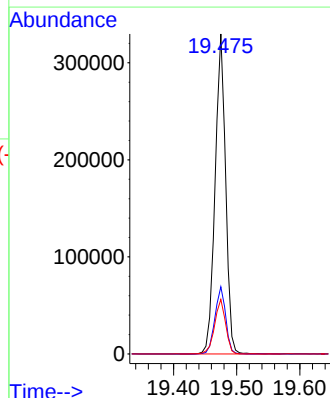
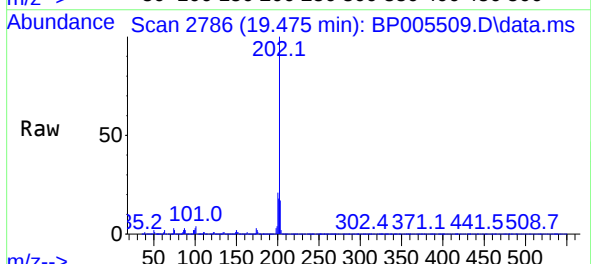
Manual Integrations
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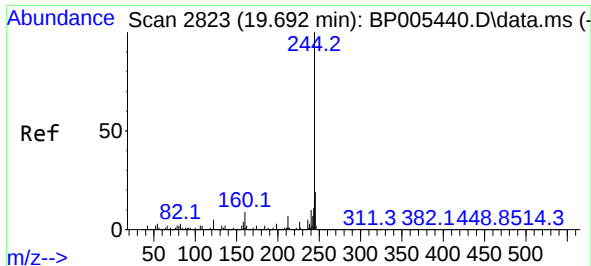
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#78
Pyrene
Concen: 48.07 ng
RT: 19.475 min Scan# 2786
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:	202	Resp:	380878
Ion Ratio	Lower	Upper	
202	100		
200	21.0	16.9	25.3
203	17.1	13.8	20.6





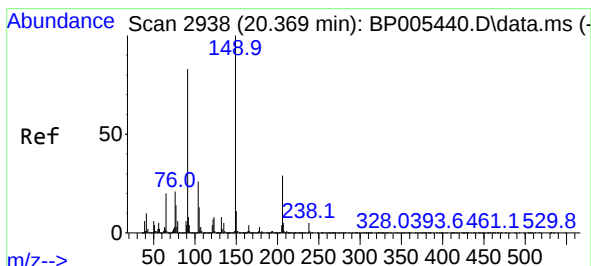
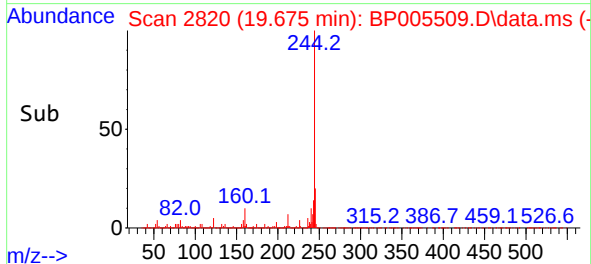
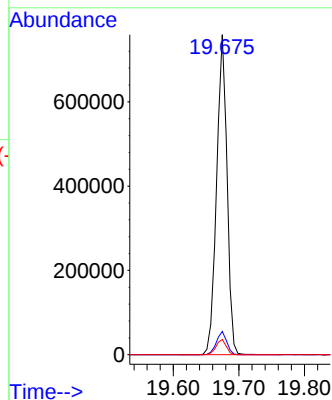
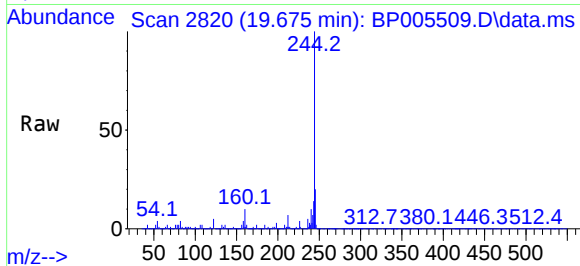
#79
Terphenyl-d14
Concen: 101.59 ng
RT: 19.675 min Scan# 2820
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:244 Resp: 837284
Ion Ratio Lower Upper
244 100
212 7.2 5.8 8.6
122 4.7 5.2 7.8#

Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

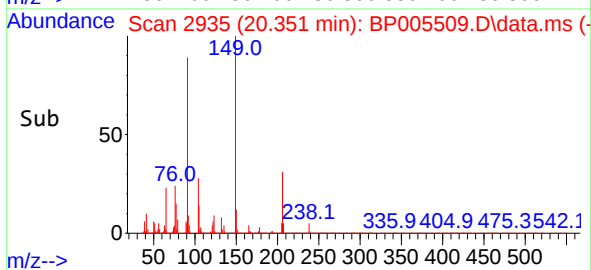
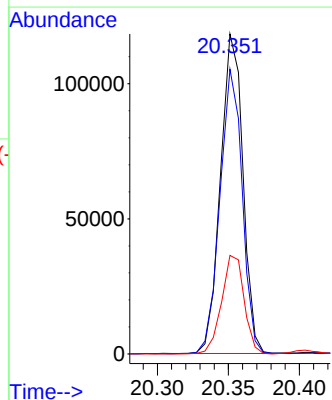
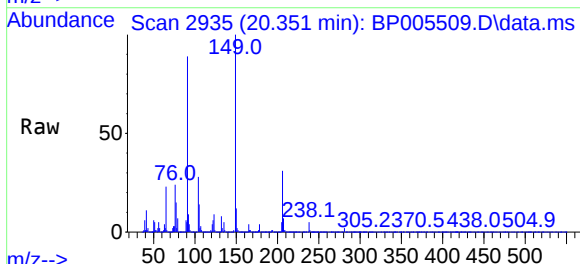
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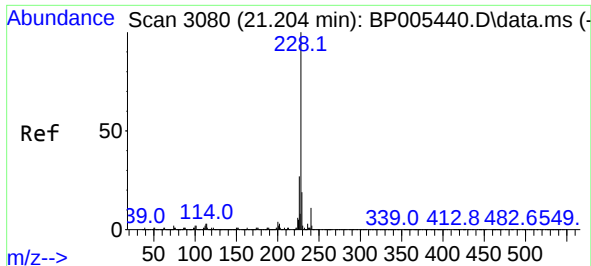
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#80
Butylbenzylphthalate
Concen: 50.67 ng
RT: 20.351 min Scan# 2935
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

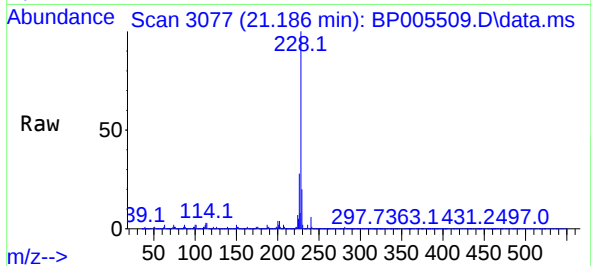
Tgt Ion:149 Resp: 129723
Ion Ratio Lower Upper
149 100
91 89.0 60.2 90.4
206 30.8 23.9 35.9





#81
Benzo(a)anthracene
Concen: 45.31 ng
RT: 21.186 min Scan# 3077
Delta R.T. 0.012 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

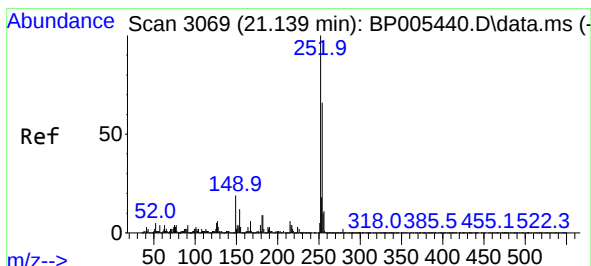
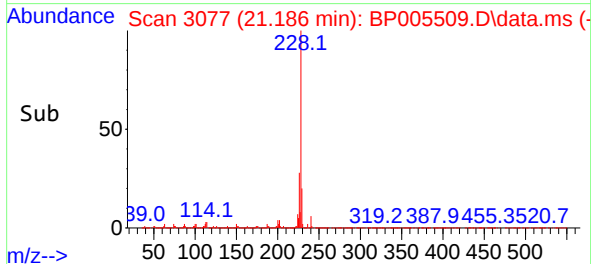
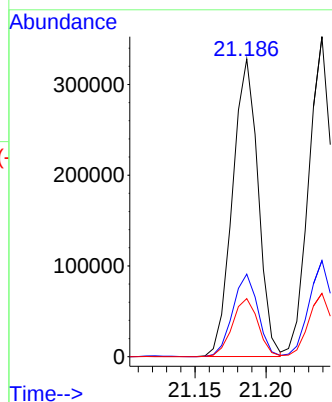
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS



Tgt Ion:228 Resp: 410985
Ion Ratio Lower Upper
228 100
226 27.7 21.2 31.8
229 19.5 15.6 23.4

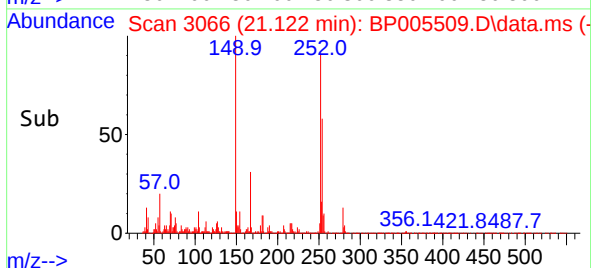
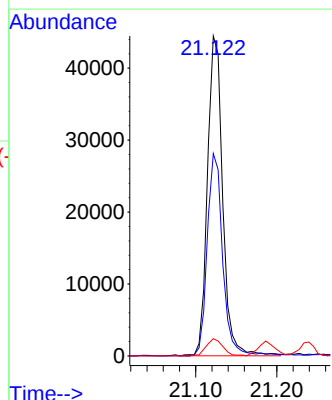
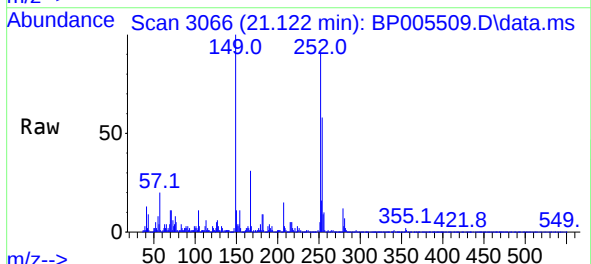
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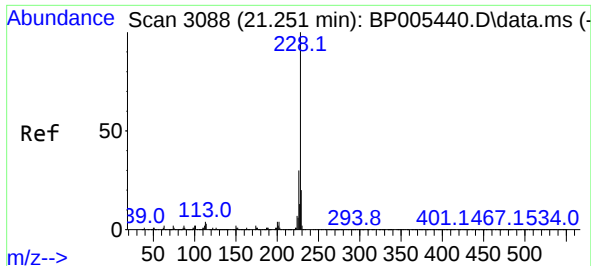
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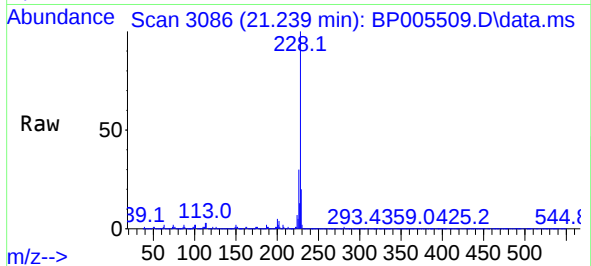
#82
3,3'-Dichlorobenzidine
Concen: 16.89 ng
RT: 21.122 min Scan# 3066
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion:252 Resp: 57721
Ion Ratio Lower Upper
252 100
254 63.2 49.9 74.9
126 5.4 5.5 8.3#

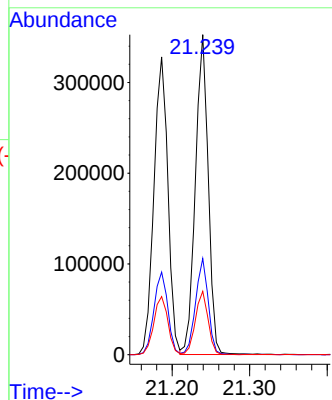




#83
Chrysene
Concen: 46.07 ng
RT: 21.239 min Scan# 3086
Delta R.T. 0.012 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59



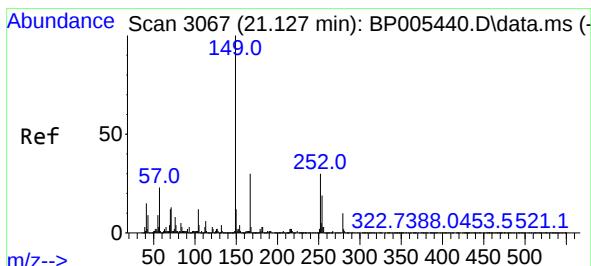
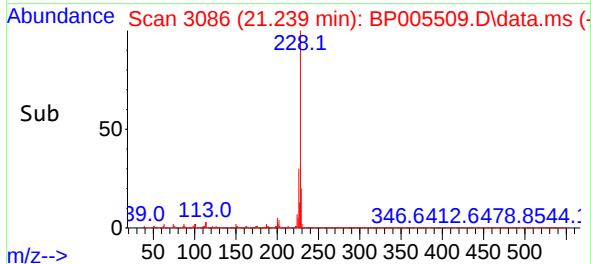
Tgt Ion: 228 Resp: 404986
Ion Ratio Lower Upper
228 100
226 30.0 24.8 37.2
229 19.8 15.4 23.0



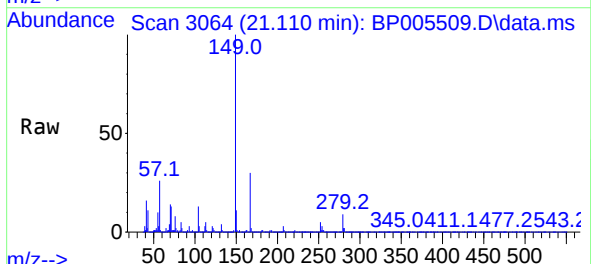
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS

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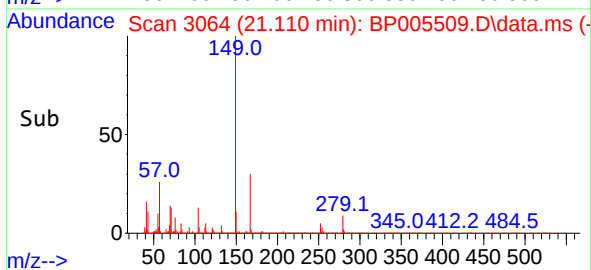
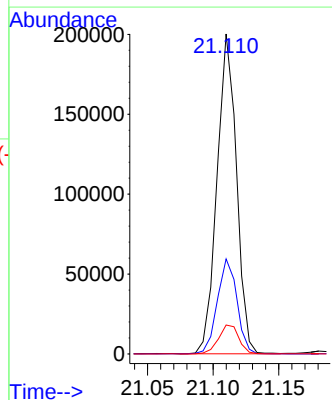
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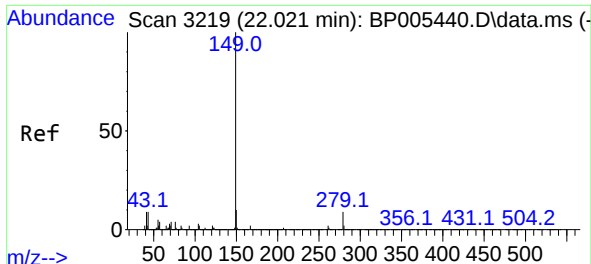


#84
Bis(2-ethylhexyl)phthalate
Concen: 52.66 ng
RT: 21.110 min Scan# 3064
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59



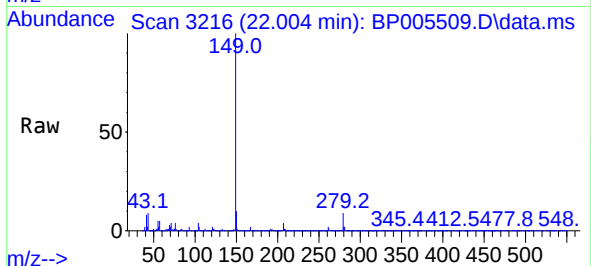
Tgt Ion: 149 Resp: 206162
Ion Ratio Lower Upper
149 100
167 29.7 23.8 35.8
279 9.1 5.7 8.5





#85
Di-n-octyl phthalate
Concen: 51.78 ng
RT: 22.004 min Scan# 3216
Delta R.T. 0.012 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

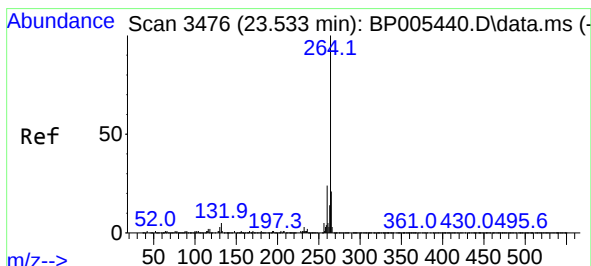
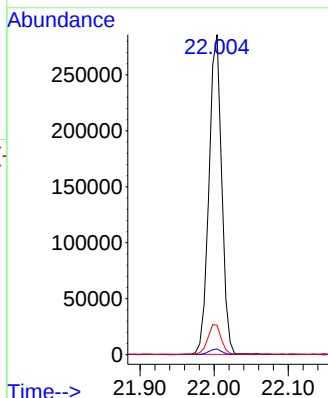
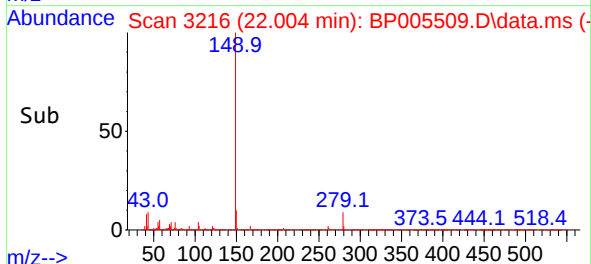
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS



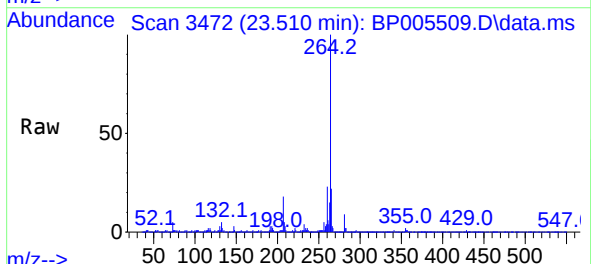
Tgt Ion:149 Resp: 340510
Ion Ratio Lower Upper
149 100
167 1.9 1.5 2.3
43 9.9 5.1 7.7#

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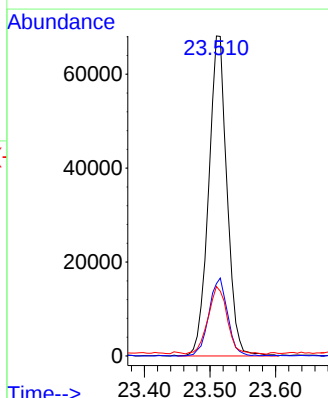
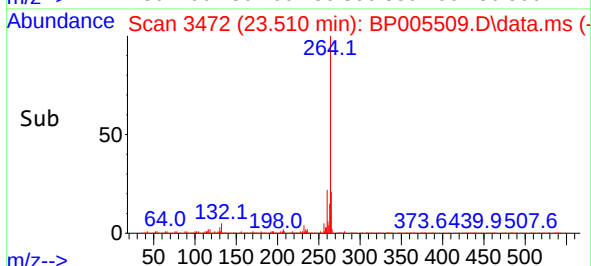
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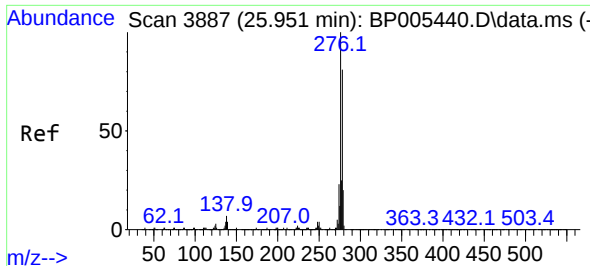


#86
Perylene-d12
Concen: 20.00 ng
RT: 23.510 min Scan# 3472
Delta R.T. 0.006 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59



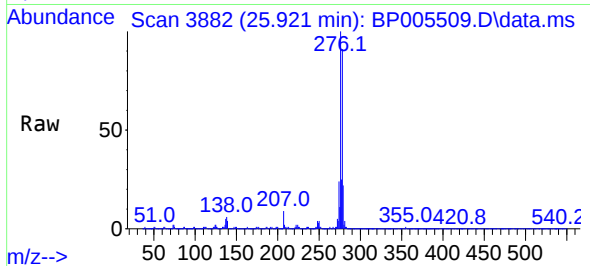
Tgt Ion:264 Resp: 132587
Ion Ratio Lower Upper
264 100
260 22.6 20.6 30.8
265 21.7 19.0 28.6





#87
Indeno(1,2,3-cd)pyrene
Concen: 41.17 ng
RT: 25.921 min Scan# 3882
Delta R.T. 0.018 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

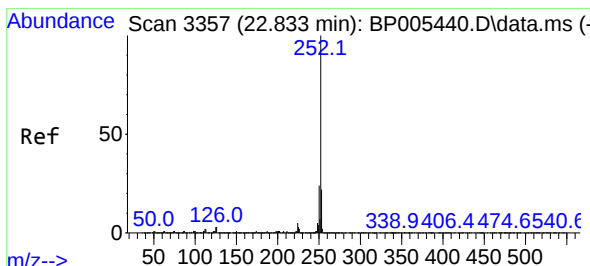
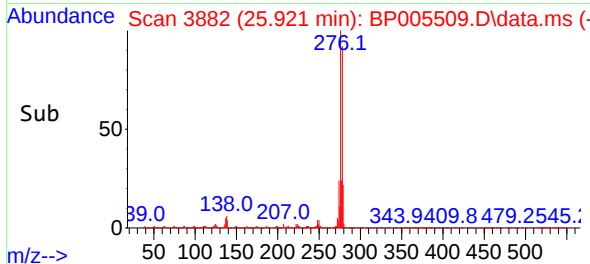
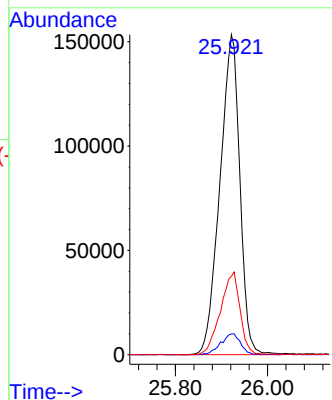
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS



Tgt Ion: 276 Resp: 459243
Ion Ratio Lower Upper
276 100
138 6.5 8.4 12.6#
277 25.4 20.6 31.0

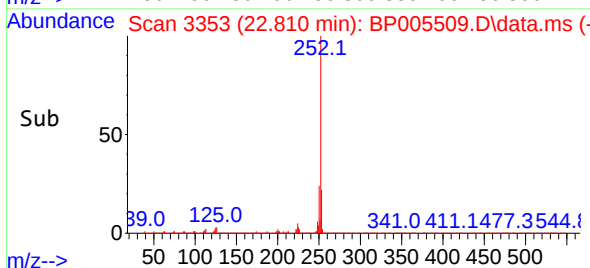
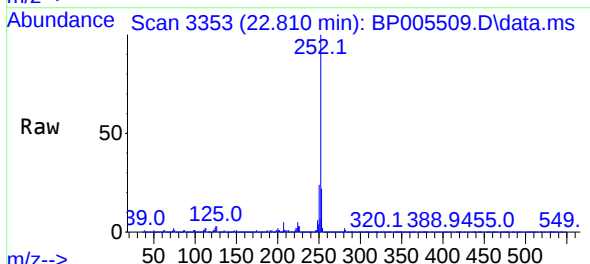
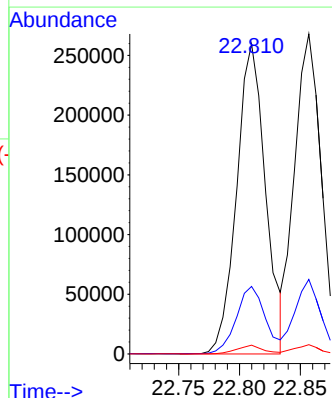
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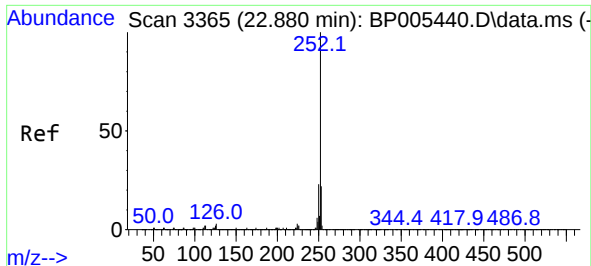
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#88
Benzo(b)fluoranthene
Concen: 48.60 ng
RT: 22.810 min Scan# 3353
Delta R.T. 0.012 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

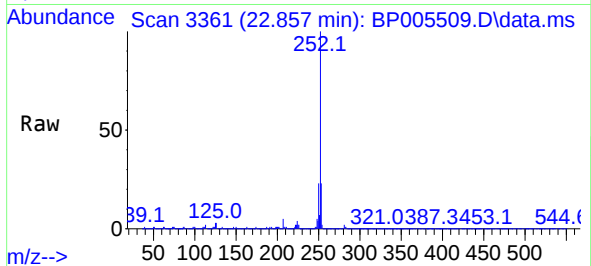
Tgt Ion: 252 Resp: 429381
Ion Ratio Lower Upper
252 100
253 21.8 18.2 27.2
125 2.9 3.4 5.0#





#89
Benzo(k)fluoranthene
Concen: 47.43 ng
RT: 22.857 min Scan# 3361
Delta R.T. 0.012 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

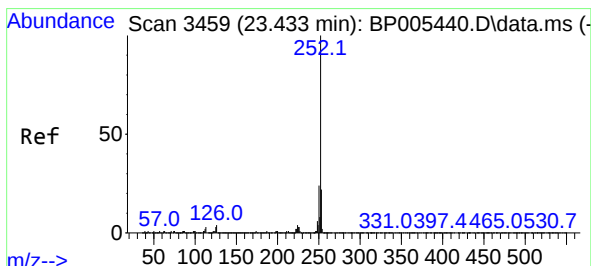
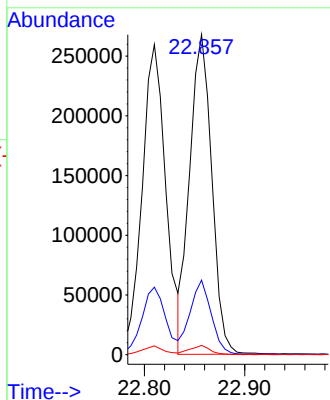
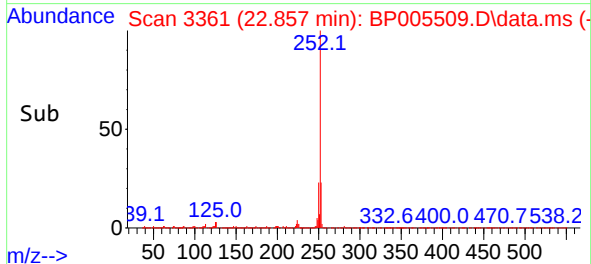
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS



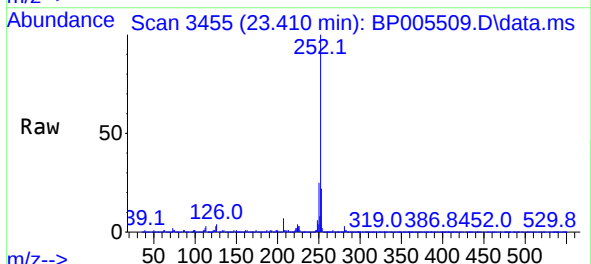
Tgt Ion:252 Resp: 409784
Ion Ratio Lower Upper
252 100
253 23.3 17.2 25.8
125 2.9 3.8 5.6#

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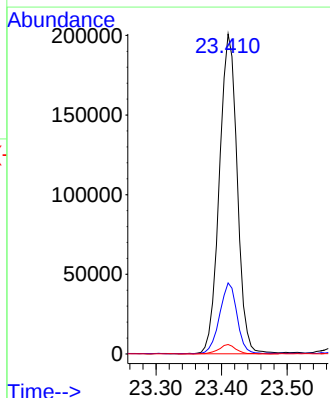
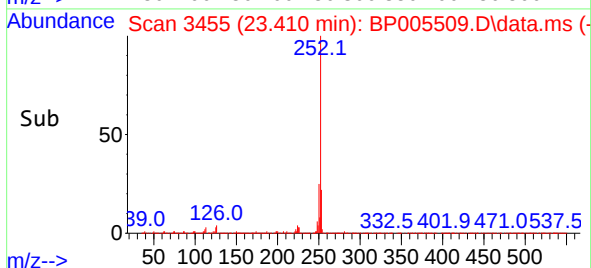
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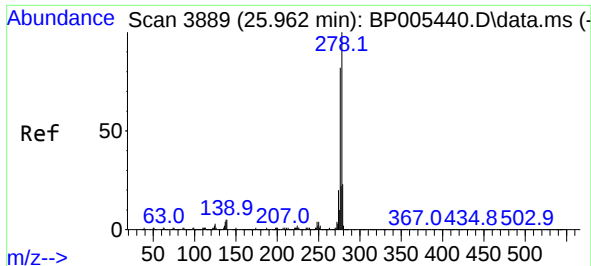


#90
Benzo(a)pyrene
Concen: 46.64 ng
RT: 23.410 min Scan# 3455
Delta R.T. 0.012 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59



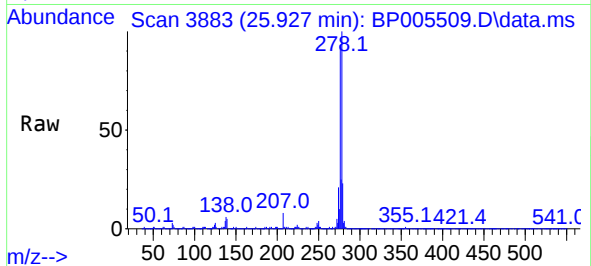
Tgt Ion:252 Resp: 377750
Ion Ratio Lower Upper
252 100
253 22.2 17.1 25.7
125 2.9 3.8 5.6#





#91
Dibenzo(a,h)anthracene
Concen: 40.58 ng
RT: 25.927 min Scan# 3883
Delta R.T. 0.012 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

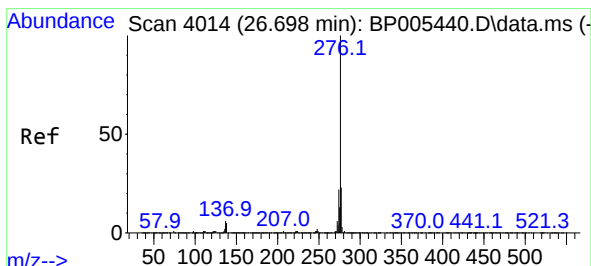
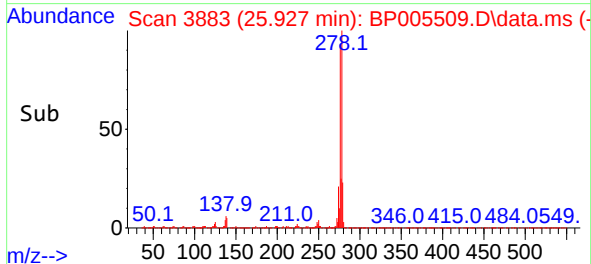
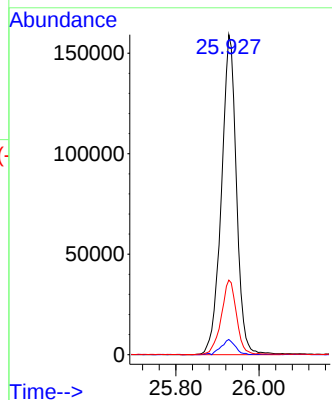
Instrument :
BNA_P
ClientSampleId :
AST2-COPR4-1MS



Tgt Ion: 278 Resp: 399422
Ion Ratio Lower Upper
278 100
139 4.7 5.0 7.6#
279 23.3 18.6 28.0

Manual Integrations
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5/13/2021 2:51:58 PM



#92
Benzo(g,h,i)perylene
Concen: 40.21 ng
RT: 26.657 min Scan# 4007
Delta R.T. 0.018 min
Lab File: BP005509.D
Acq: 12 May 2021 17:59

Tgt Ion: 276 Resp: 366200
Ion Ratio Lower Upper
276 100
277 23.9 19.8 29.8
138 5.2 7.7 11.5#

