

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052623\
 Data File : BP015317.D
 Acq On : 26 May 2023 19:40
 Operator : CG/JU
 Sample : 02945-04MSD
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SB17BMSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 05/30/2023
 Supervised By : Jagrut Upadhyay 05/31/2023

Quant Time: May 29 02:07:04 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052423.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu May 25 01:41:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	179998	20.000	ng	0.00
21) Naphthalene-d8	10.934	136	663814	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	365231	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	759883	20.000	ng	0.00
76) Chrysene-d12	21.580	240	661498	20.000	ng	0.00
86) Perylene-d12	24.127	264	789980	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.634	112	1251083	115.174	ng	0.00
7) Phenol-d6	7.263	99	1537021	107.971	ng	0.00
23) Nitrobenzene-d5	9.287	82	974223	71.658	ng	0.00
42) 2,4,6-Tribromophenol	16.239	330	533849	107.560	ng	0.00
45) 2-Fluorobiphenyl	13.375	172	1883859	69.249	ng	0.00
79) Terphenyl-d14	20.033	244	2513057	71.458	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.452	88	219031	45.525	ng	96
3) Pyridine	3.875	79	566706	46.090	ng	99
4) n-Nitrosodimethylamine	3.781	42	289768	50.496	ng	97
6) Aniline	7.428	93	702461	39.042	ng	99
8) 2-Chlorophenol	7.663	128	570375	50.248	ng	98
9) Benzaldehyde	7.234	77	365420m	55.172	ng	
10) Phenol	7.287	94	710677	49.849	ng	99
11) bis(2-Chloroethyl)ether	7.522	93	554909	46.436	ng	99
12) 1,3-Dichlorobenzene	7.993	146	636010	50.353	ng	99
13) 1,4-Dichlorobenzene	8.140	146	644135	50.663	ng	100
14) 1,2-Dichlorobenzene	8.463	146	608306	50.146	ng	99
15) Benzyl Alcohol	8.352	79	515727	51.904	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.640	45	740387m	48.049	ng	
17) 2-Methylphenol	8.552	107	469612	46.286	ng	98
18) Hexachloroethane	9.199	117	239432	49.967	ng	99
19) n-Nitroso-di-n-propyla...	8.922	70	415789	45.636	ng	99
20) 3+4-Methylphenols	8.887	107	632347	46.134	ng	97
22) Acetophenone	8.940	105	827919	48.019	ng	98
24) Nitrobenzene	9.328	77	633426	46.791	ng	98
25) Isophorone	9.857	82	1120250	45.916	ng	99
26) 2-Nitrophenol	10.046	139	299664	50.433	ng	96
27) 2,4-Dimethylphenol	10.099	122	488023	48.990	ng	99
28) bis(2-Chloroethoxy)met...	10.334	93	702421	46.713	ng	99
29) 2,4-Dichlorophenol	10.581	162	510207	49.397	ng	97
30) 1,2,4-Trichlorobenzene	10.793	180	552719	47.973	ng	99
31) Naphthalene	10.987	128	1607860	45.992	ng	100
32) Benzoic acid	10.240	122	355695	45.461	ng	97
33) 4-Chloroaniline	11.099	127	226776	15.690	ng	97
34) Hexachlorobutadiene	11.263	225	345233	47.293	ng	99
35) Caprolactam	11.887	113	155634	49.080	ng	96
36) 4-Chloro-3-methylphenol	12.210	107	534780	47.620	ng	99
37) 2-Methylnaphthalene	12.587	142	1076573	43.328	ng	100
38) 1-Methylnaphthalene	12.804	142	1008198	43.489	ng	100
40) 1,2,4,5-Tetrachloroben...	12.951	216	581198	48.497	ng	99
41) Hexachlorocyclopentadiene	12.922	237	718536	113.198	ng	99
43) 2,4,6-Trichlorophenol	13.187	196	393540	50.591	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	416706	45.568	ng	96
46) 1,1'-Biphenyl	13.581	154	1387142	47.935	ng	100
47) 2-Chloronaphthalene	13.628	162	1063401	48.713	ng	100
48) 2-Nitroaniline	13.834	65	335067	50.246	ng	97
49) Acenaphthylene	14.469	152	1653810	47.347	ng	100
50) Dimethylphthalate	14.198	163	1314592	46.007	ng	100
51) 2,6-Dinitrotoluene	14.328	165	291802	48.369	ng	98
52) Acenaphthene	14.810	154	979277	47.071	ng	97
53) 3-Nitroaniline	14.657	138	171821	27.867	ng	99
54) 2,4-Dinitrophenol	14.863	184	339358	83.360	ng	98
55) Dibenzofuran	15.145	168	1573595	46.238	ng	99
56) 4-Nitrophenol	14.963	139	502037	92.132	ng	96
57) 2,4-Dinitrotoluene	15.110	165	394739	49.764	ng	99
58) Fluorene	15.792	166	1213408	46.163	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.369	232	354525	48.474	ng	100
60) Diethylphthalate	15.557	149	1307754	45.944	ng	99
61) 4-Chlorophenyl-phenyle...	15.787	204	612580	45.516	ng	98
62) 4-Nitroaniline	15.822	138	276070	41.946	ng	99
63) Azobenzene	16.075	77	1453442	53.526	ng	99
65) 4,6-Dinitro-2-methylph...	15.875	198	225744	48.910	ng	99
66) n-Nitrosodiphenylamine	15.998	169	1063009	46.946	ng	99
67) 4-Bromophenyl-phenylether	16.681	248	380811	46.347	ng	98
68) Hexachlorobenzene	16.804	284	438952	48.511	ng	97
69) Atrazine	16.951	200	398672	55.141	ng	99
70) Pentachlorophenol	17.145	266	553750	89.302	ng	98
71) Phenanthrene	17.545	178	1899469	46.901	ng	100
72) Anthracene	17.634	178	1922712	47.403	ng	99
73) Carbazole	17.904	167	1752954	48.806	ng	99
74) Di-n-butylphthalate	18.433	149	2243539	48.641	ng	100
75) Fluoranthene	19.498	202	2204986	46.605	ng	99
77) Benzidine	19.675	184	1234724	117.873	ng	100
78) Pyrene	19.851	202	2276816	48.105	ng	99
80) Butylbenzylphthalate	20.704	149	994994	49.607	ng	99
81) Benzo(a)anthracene	21.563	228	2131527	46.376	ng	100
82) 3,3'-Dichlorobenzidine	21.486	252	686781	48.378	ng	100
83) Chrysene	21.616	228	1963629	44.555	ng	99
84) Bis(2-ethylhexyl)phtha...	21.463	149	1469458	49.743	ng	100
85) Di-n-octyl phthalate	22.433	149	2460049	49.226	ng	100
87) Indeno(1,2,3-cd)pyrene	26.827	276	2984987	52.132	ng	99
88) Benzo(b)fluoranthene	23.345	252	2250372	46.853	ng	99
89) Benzo(k)fluoranthene	23.398	252	2211623	45.727	ng	99
90) Benzo(a)pyrene	24.016	252	2037212	43.931	ng	99
91) Dibenzo(a,h)anthracene	26.851	278	2434580	51.775	ng	99
92) Benzo(g,h,i)perylene	27.668	276	2515447	52.647	ng	99

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

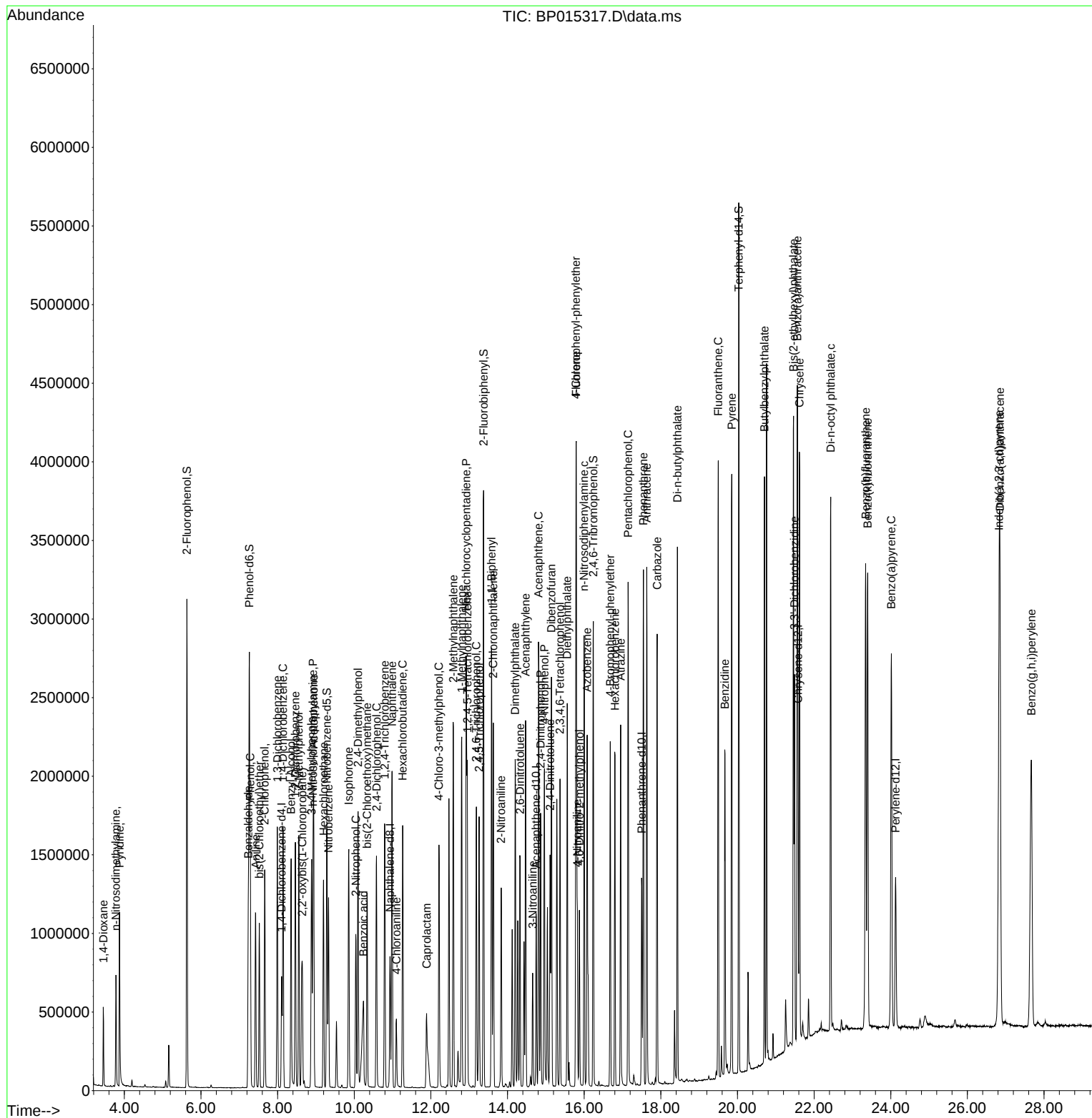
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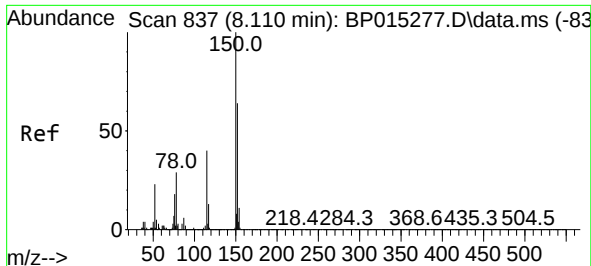
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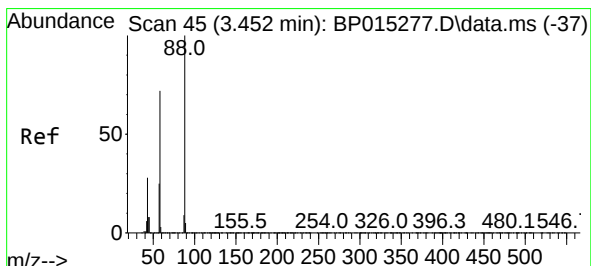
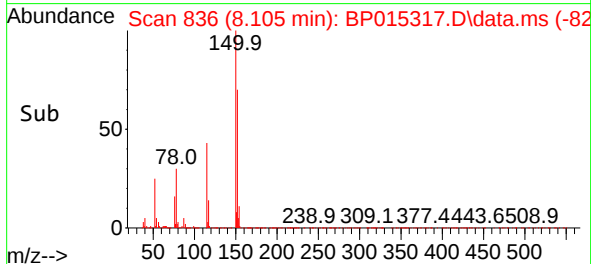
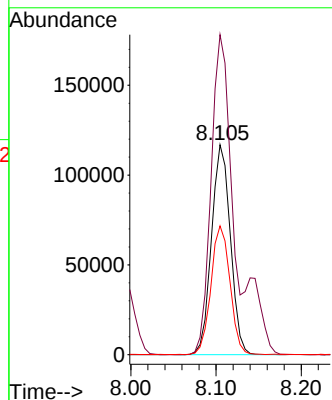
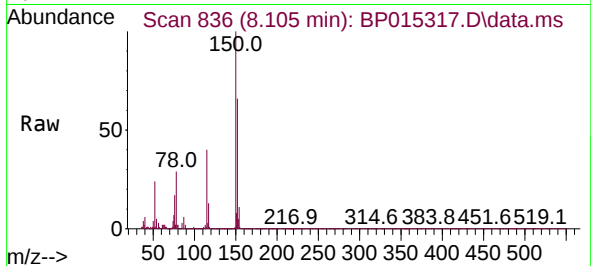
#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 81
Delta R.T. -0.005 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
ClientSampleId :
SB17BMSD

Tgt Ion:152 Resp: 179998
Ion Ratio Lower Upper
152 100
150 152.5 124.2 186.2
115 61.4 49.1 73.7

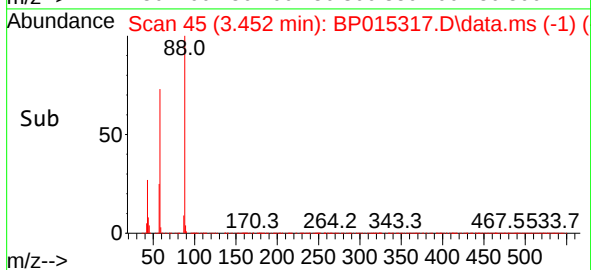
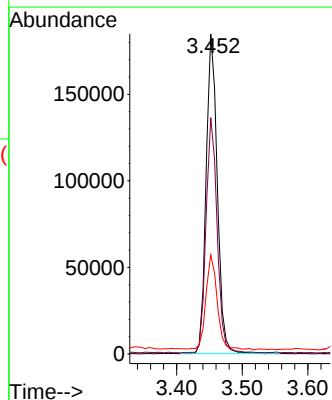
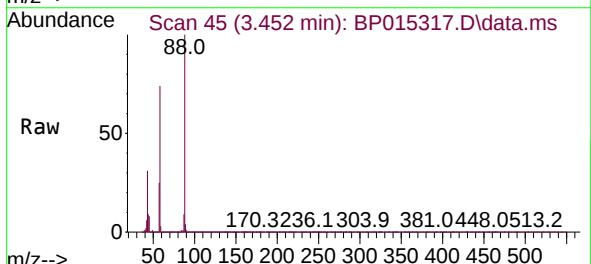
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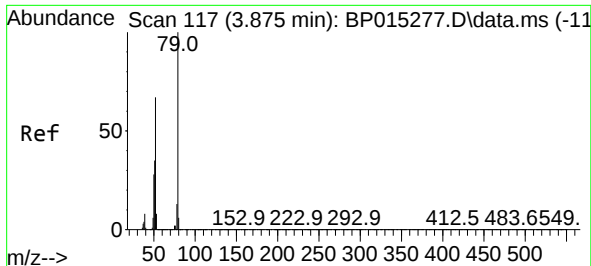
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#2
1,4-Dioxane
Concen: 45.525 ng
RT: 3.452 min Scan# 45
Delta R.T. 0.000 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Tgt Ion: 88 Resp: 219031
Ion Ratio Lower Upper
88 100
58 73.4 56.2 84.4
43 30.5 22.1 33.1





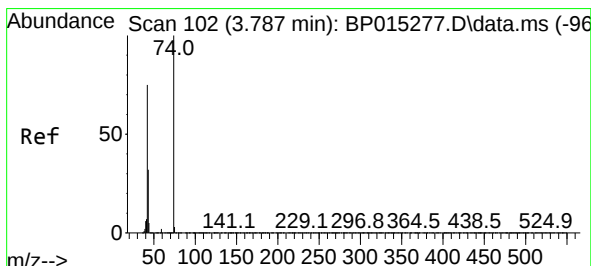
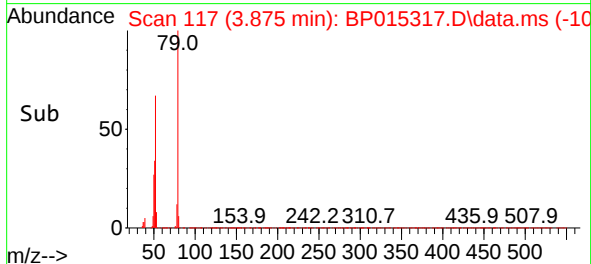
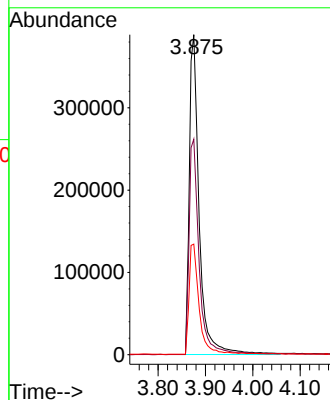
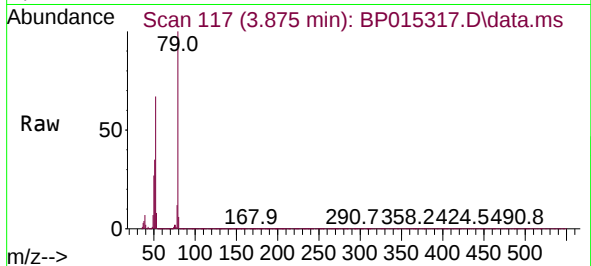
#3
Pyridine
Concen: 46.090 ng
RT: 3.875 min Scan# 117
Delta R.T. 0.000 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
ClientSampleId :
SB17BMSD

Tgt Ion: 79 Resp: 566700
Ion Ratio Lower Upper
79 100
52 67.3 53.7 80.5
51 34.5 28.6 43.0

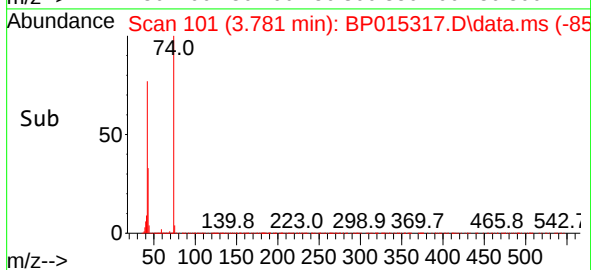
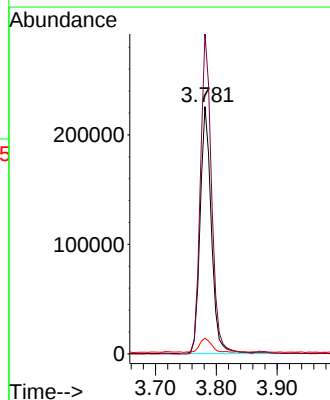
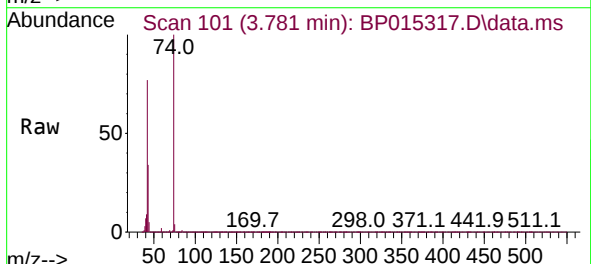
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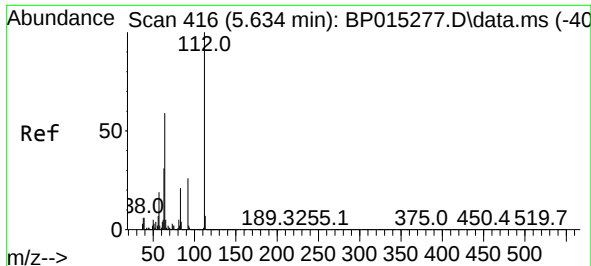
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#4
n-Nitrosodimethylamine
Concen: 50.496 ng
RT: 3.781 min Scan# 101
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Tgt Ion: 42 Resp: 289768
Ion Ratio Lower Upper
42 100
74 129.3 106.6 160.0
44 6.3 5.8 8.8





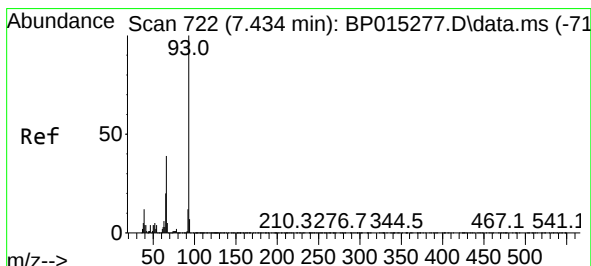
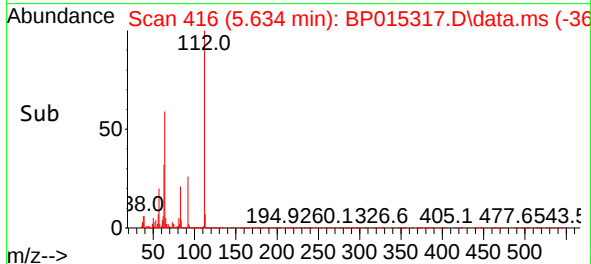
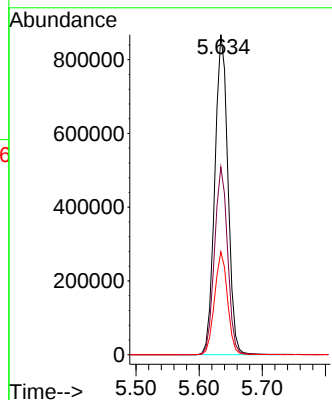
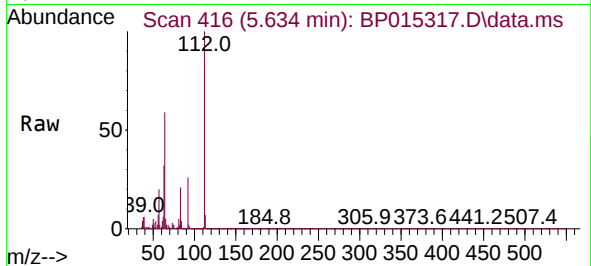
#5
2-Fluorophenol
Concen: 115.174 ng
RT: 5.634 min Scan# 416
Delta R.T. 0.000 min
Lab File: BP015317.D
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ClientSampleId :
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Tgt Ion:112 Resp: 125108
Ion Ratio Lower Upper
112 100
64 58.6 47.2 70.8
63 32.2 24.6 37.0

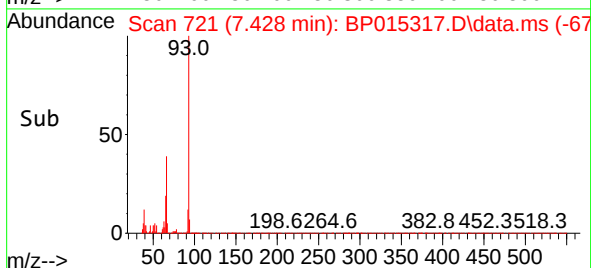
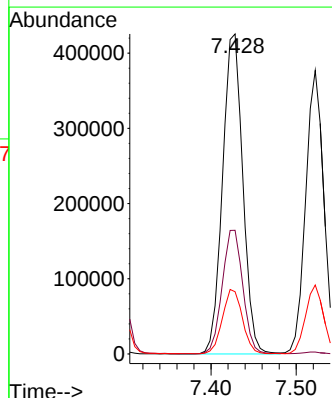
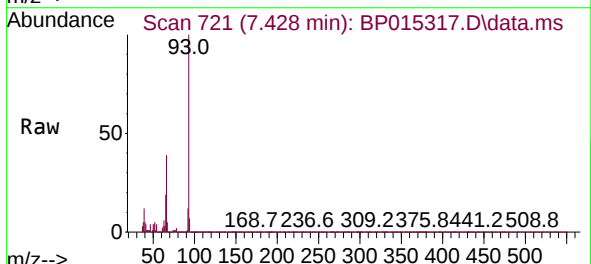
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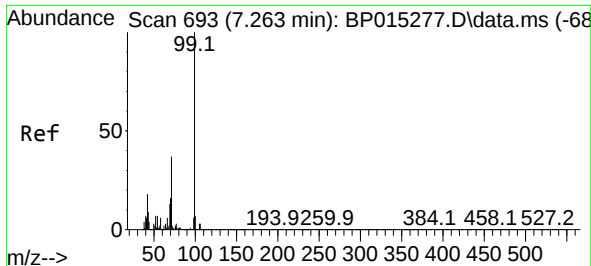
Reviewed By :Christian Giraldo 05/30/2023
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#6
Aniline
Concen: 39.042 ng
RT: 7.428 min Scan# 721
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

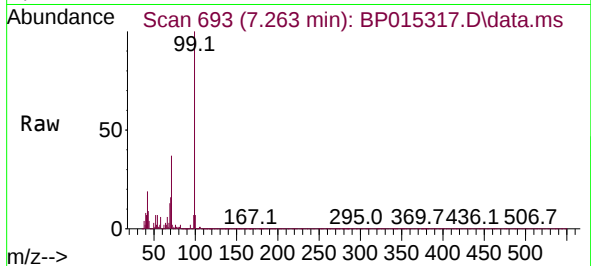
Tgt Ion: 93 Resp: 702461
Ion Ratio Lower Upper
93 100
66 38.6 31.3 46.9
65 19.5 16.0 24.0





#7
Phenol-d6
Concen: 107.971 ng
RT: 7.263 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP015317.D
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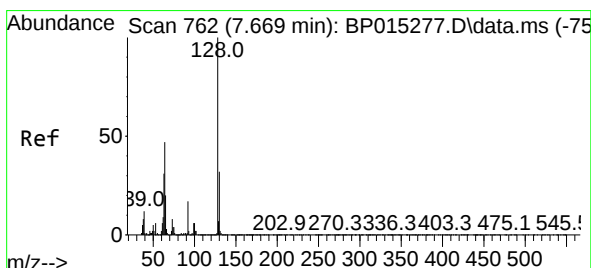
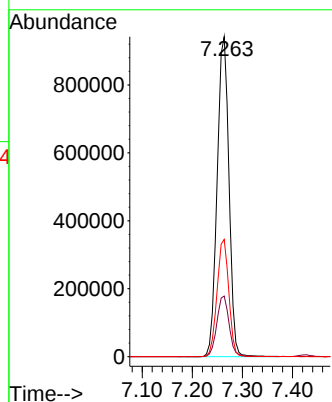
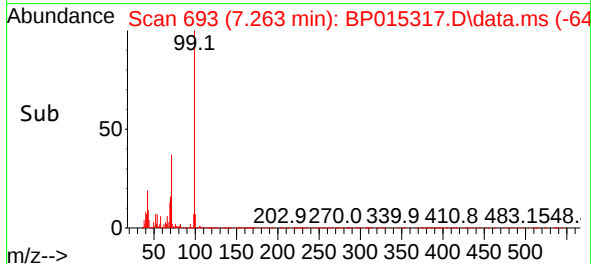


Tgt Ion: 99 Resp: 153702

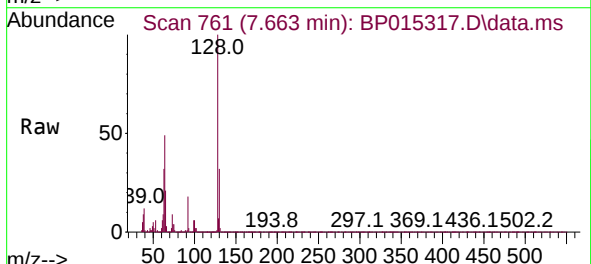
Ion	Ratio	Lower	Upper
99	100		
42	19.0	14.6	22.0
71	36.6	29.4	44.2

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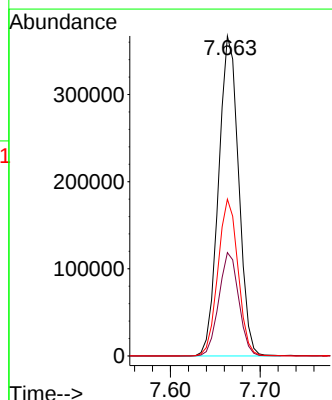
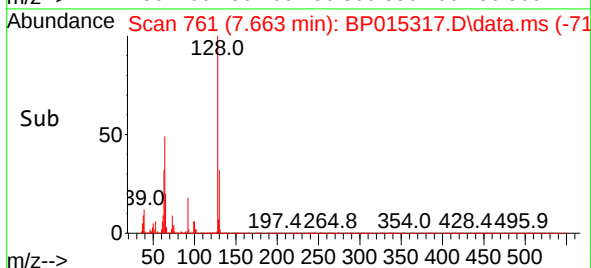


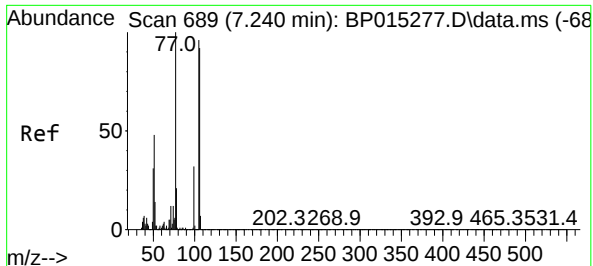
#8
2-Chlorophenol
Concen: 50.248 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.006 min
Lab File: BP015317.D
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Tgt Ion:128 Resp: 570375

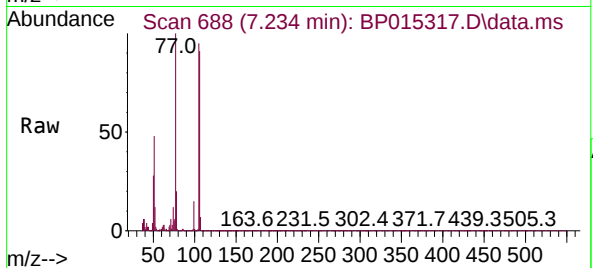
Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.5	51.5
64	49.0	27.3	67.3





#9
Benzaldehyde
Concen: 55.172 ng m
RT: 7.234 min Scan# 61
Delta R.T. -0.006 min
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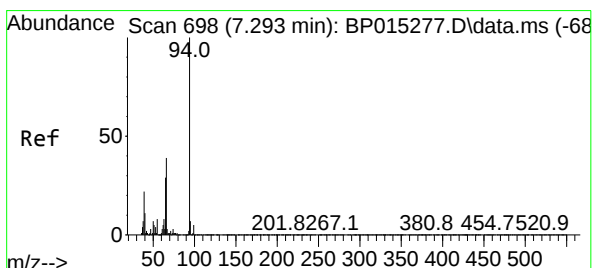
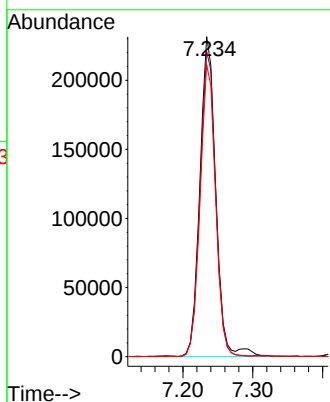
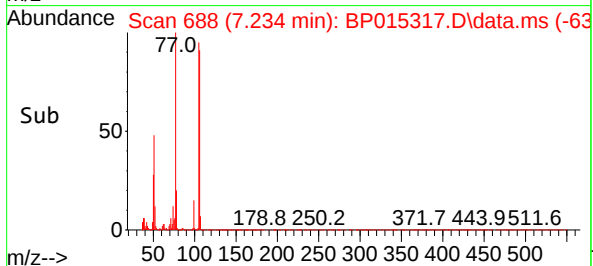
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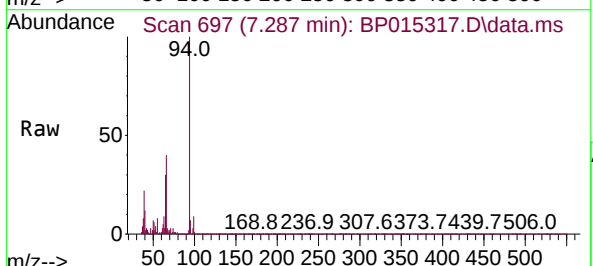
Tgt Ion: 77 Resp: 365420
Ion Ratio Lower Upper
77 100
105 95.4 75.9 115.9
106 91.2 72.3 112.3

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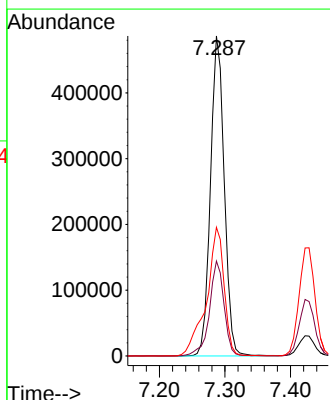
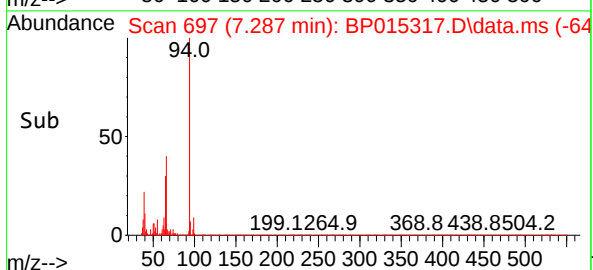
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

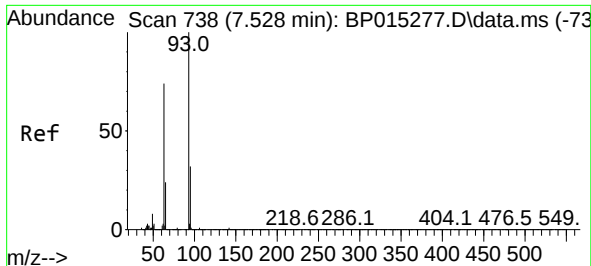


#10
Phenol
Concen: 49.849 ng
RT: 7.287 min Scan# 697
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40



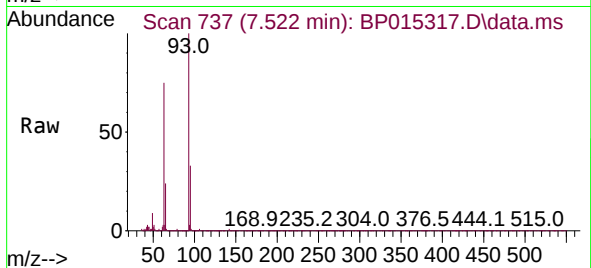
Tgt Ion: 94 Resp: 710677
Ion Ratio Lower Upper
94 100
65 29.7 9.1 49.1
66 40.2 19.3 59.3





#11
bis(2-Chloroethyl)ether
Concen: 46.436 ng
RT: 7.522 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

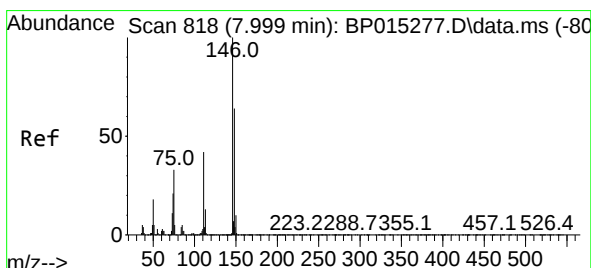
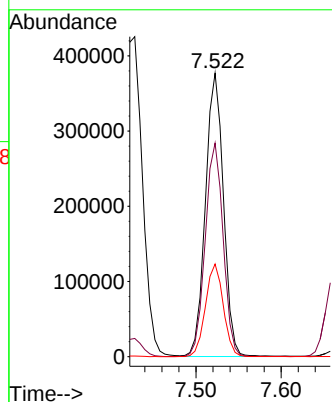
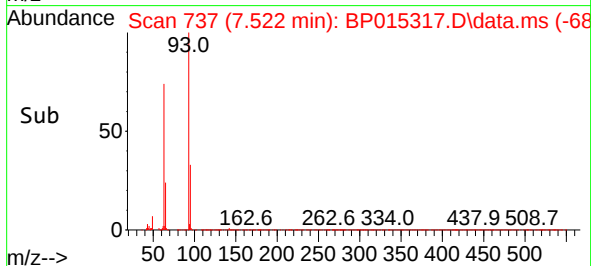
Instrument :
BNA_P
ClientSampleId :
SB17BMSD



Tgt Ion: 93 Resp: 554909
Ion Ratio Lower Upper
93 100
63 75.3 53.9 93.9
95 32.7 12.2 52.2

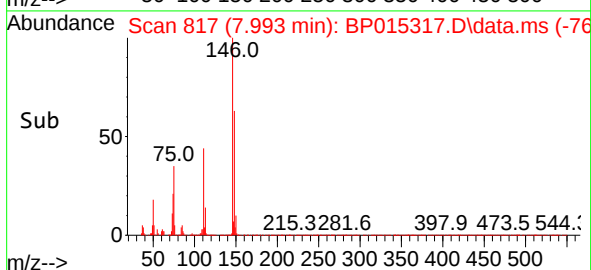
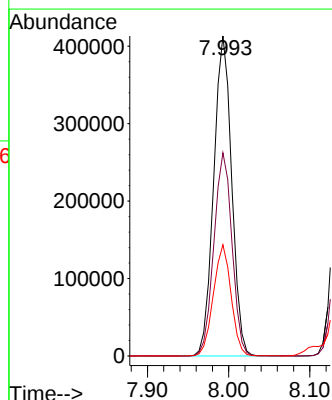
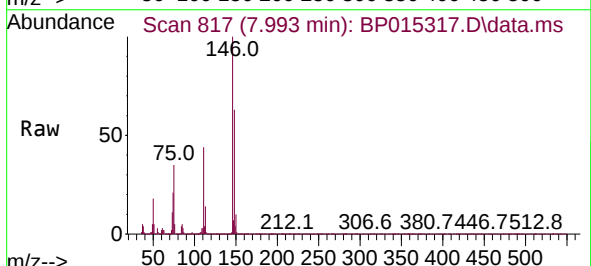
Manual Integrations
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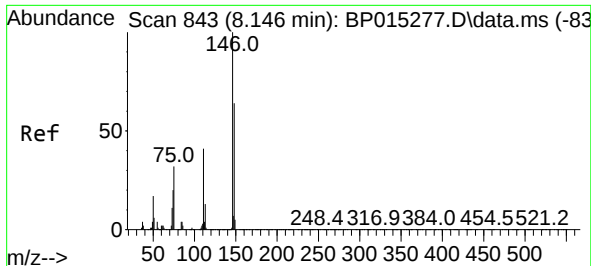
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#12
1,3-Dichlorobenzene
Concen: 50.353 ng
RT: 7.993 min Scan# 817
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Tgt Ion:146 Resp: 636010
Ion Ratio Lower Upper
146 100
148 63.5 50.8 76.2
75 34.8 26.1 39.1





#13

1,4-Dichlorobenzene

Concen: 50.663 ng

RT: 8.140 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

Instrument :

BNA_P

ClientSampleId :

SB17BMSD

Tgt Ion:146 Resp: 64413

Ion Ratio Lower Upper

146 100

148 63.9 51.0 76.6

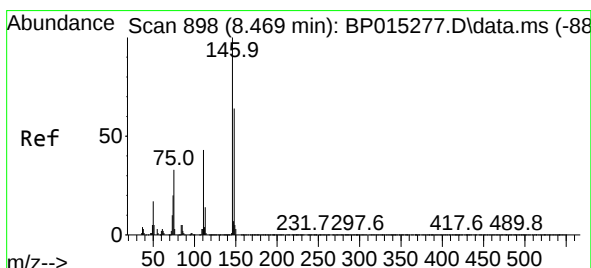
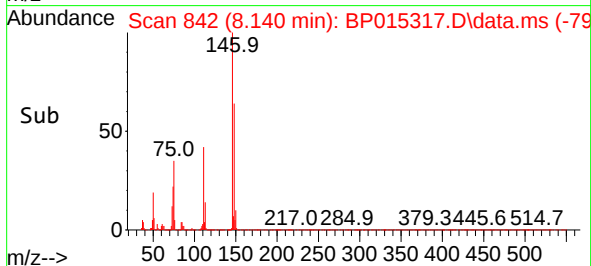
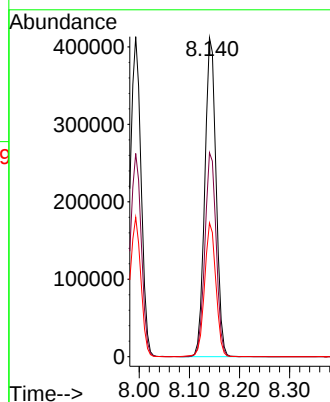
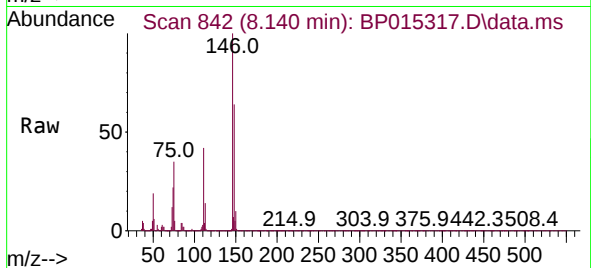
111 41.9 33.3 49.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#14

1,2-Dichlorobenzene

Concen: 50.146 ng

RT: 8.463 min Scan# 897

Delta R.T. -0.006 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

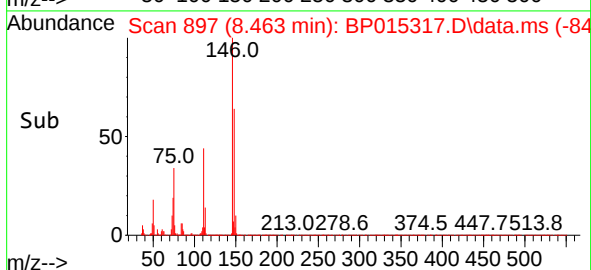
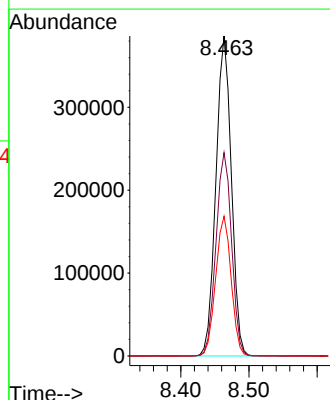
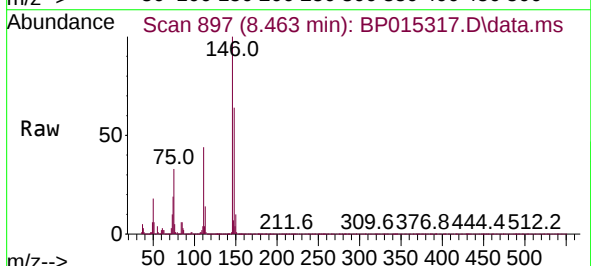
Tgt Ion:146 Resp: 608306

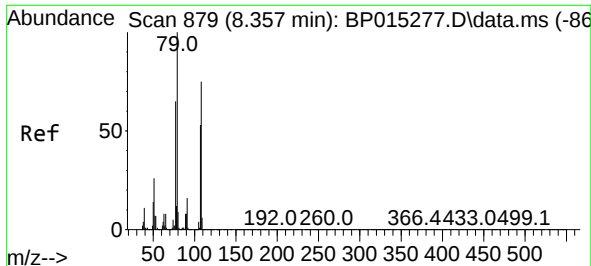
Ion Ratio Lower Upper

146 100

148 63.5 51.4 77.2

111 43.7 34.2 51.2





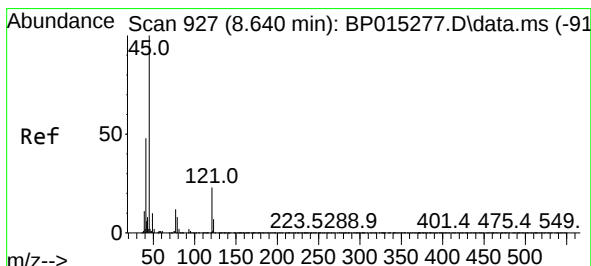
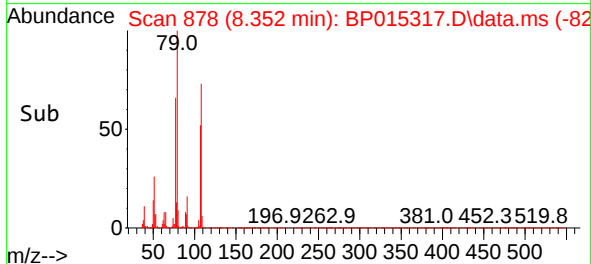
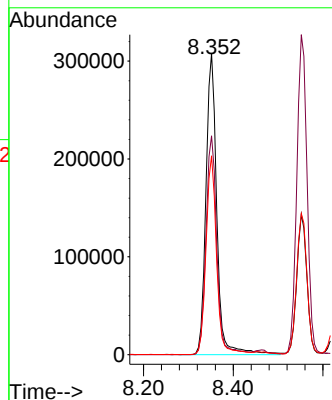
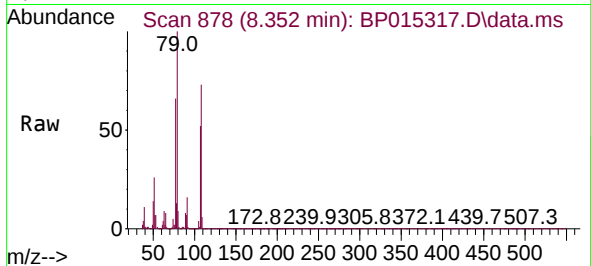
#15
Benzyl Alcohol
Concen: 51.904 ng
RT: 8.352 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
ClientSampleId :
SB17BMSD

Tgt Ion: 79 Resp: 51572
Ion Ratio Lower Upper
79 100
108 72.6 60.2 90.2
77 66.0 52.1 78.1

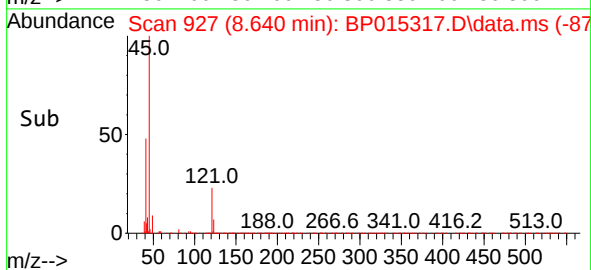
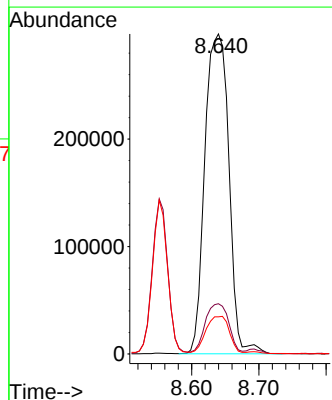
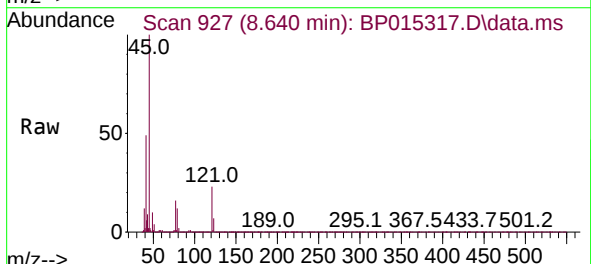
Manual Integrations
APPROVED

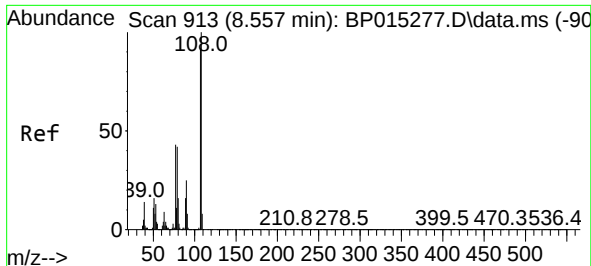
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#16
2,2'-oxybis(1-Chloropropane)
Concen: 48.049 ng m
RT: 8.640 min Scan# 927
Delta R.T. 0.000 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Tgt Ion: 45 Resp: 740387
Ion Ratio Lower Upper
45 100
77 15.7 0.0 35.3
79 11.6 0.0 31.2





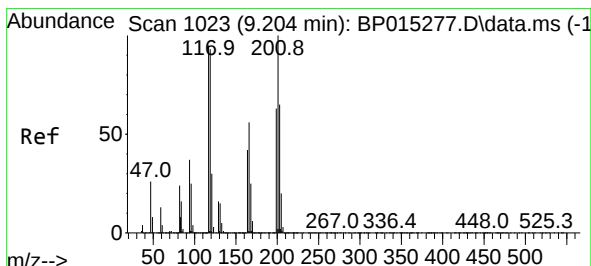
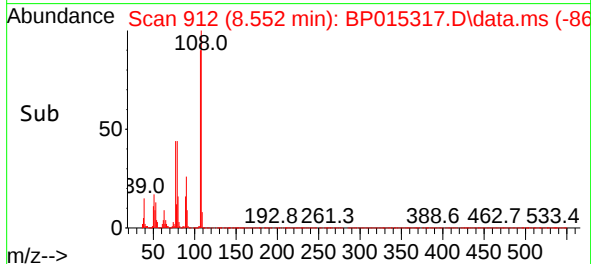
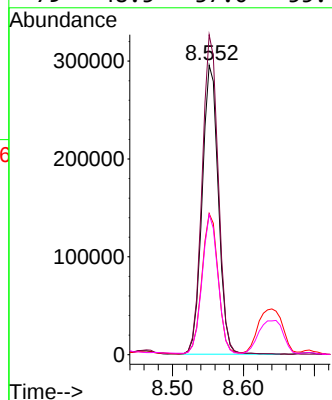
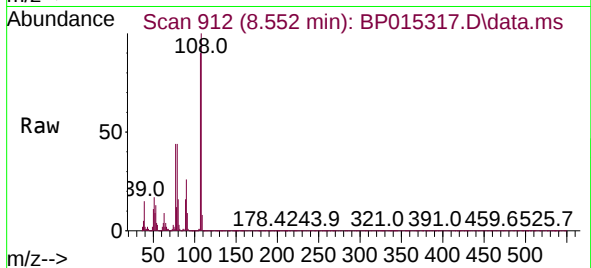
#17
2-Methylphenol
Concen: 46.286 ng
RT: 8.552 min Scan# 913
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
ClientSampleId :
SB17BMSD

Tgt Ion:	107	Resp:	46961
Ion Ratio	Lower	Upper	
107	100		
108	110.5	87.3	130.9
77	48.8	38.1	57.1
79	48.5	37.0	55.4

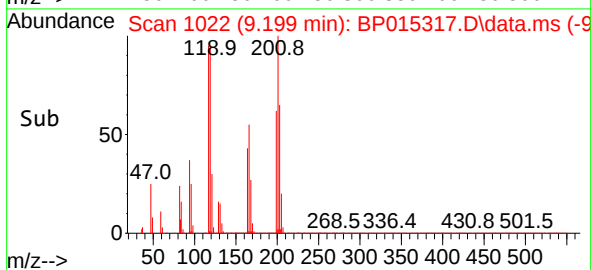
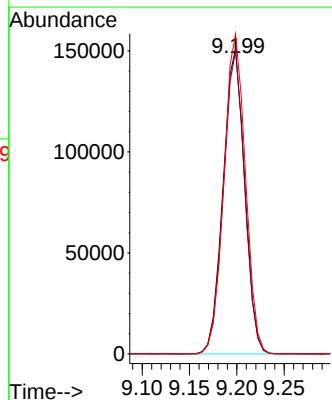
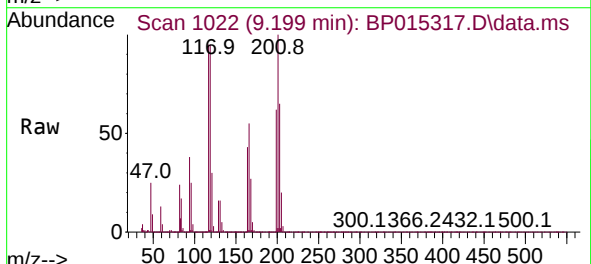
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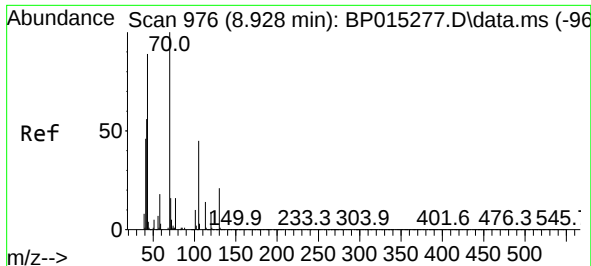
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#18
Hexachloroethane
Concen: 49.967 ng
RT: 9.199 min Scan# 1022
Delta R.T. -0.005 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Tgt Ion:	117	Resp:	239432
Ion Ratio	Lower	Upper	
117	100		
119	99.2	78.8	118.2
201	104.9	84.5	126.7





#19

n-Nitroso-di-n-propylamine

Concen: 45.636 ng

RT: 8.922 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

Instrument :

BNA_P

ClientSampleId :

SB17BMSD

Tgt Ion: 70 Resp: 415789

Ion Ratio Lower Upper

70 100

42 57.7 45.4 68.2

101 9.6 7.9 11.9

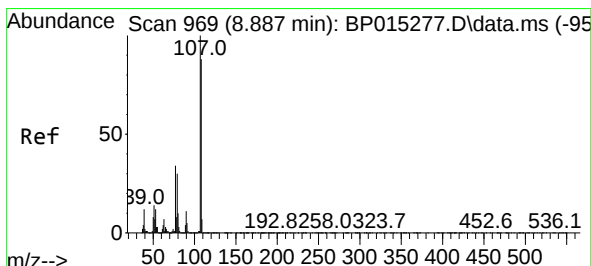
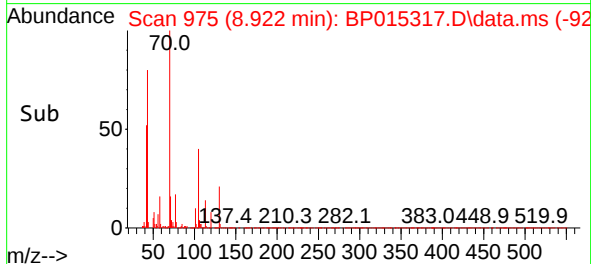
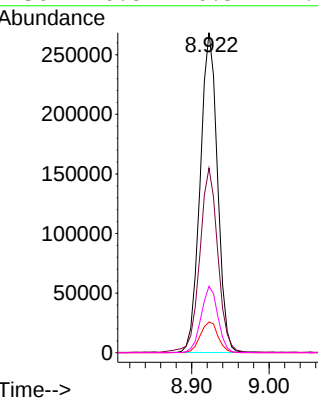
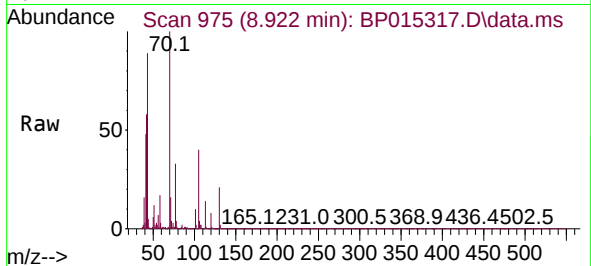
130 20.8 16.5 24.7

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Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#20

3+4-Methylphenols

Concen: 46.134 ng

RT: 8.887 min Scan# 969

Delta R.T. 0.000 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

Tgt Ion:107 Resp: 632347

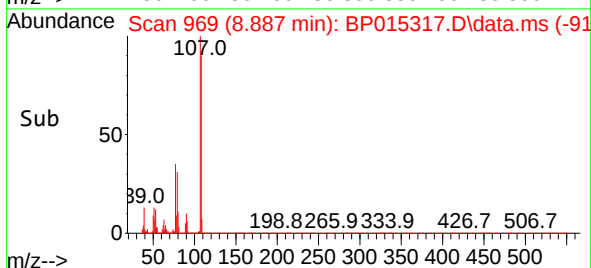
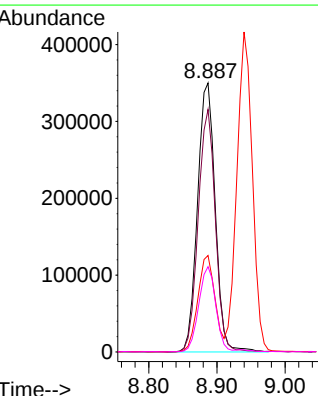
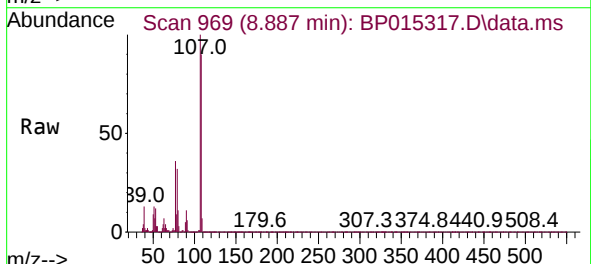
Ion Ratio Lower Upper

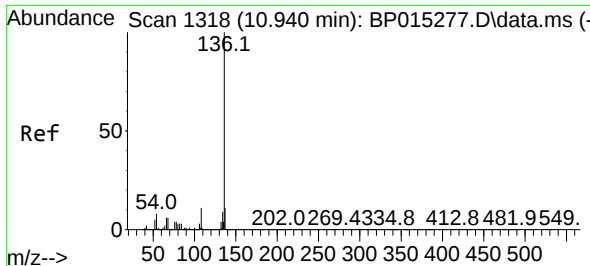
107 100

108 90.2 68.0 108.0

77 35.8 14.5 54.5

79 31.7 9.8 49.8





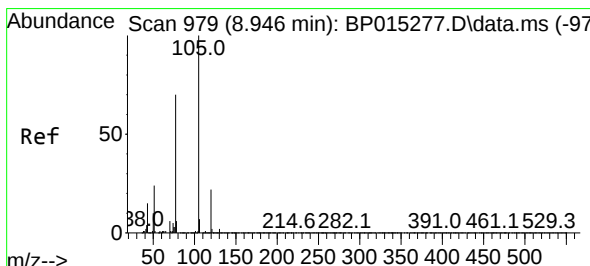
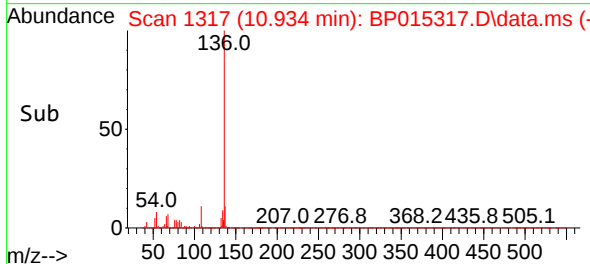
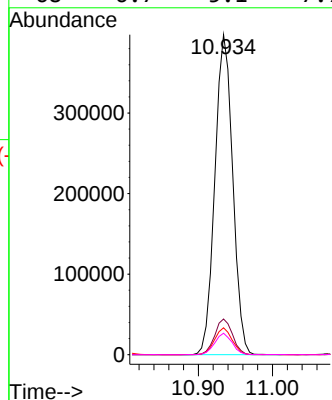
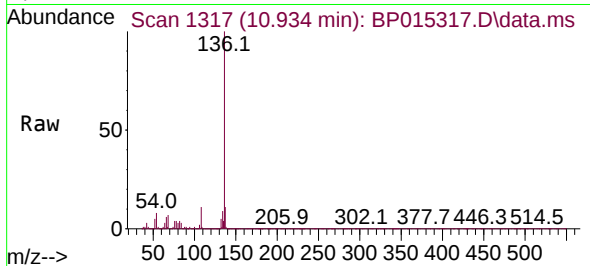
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.934 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
ClientSampleId :
SB17BMSD

Tgt Ion:	136	Resp:	663814
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.9	13.3
54	8.4	6.3	9.5
68	6.7	5.1	7.7

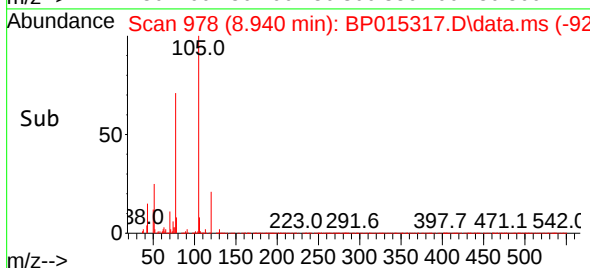
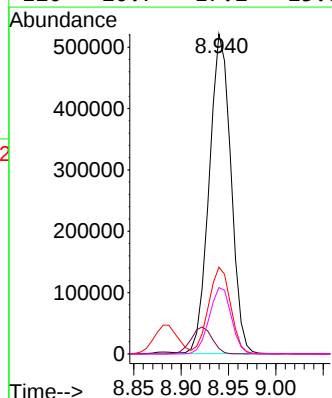
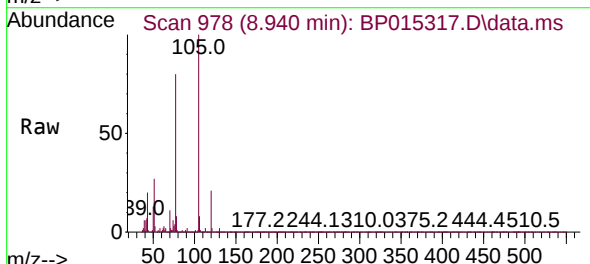
Manual Integrations
APPROVED

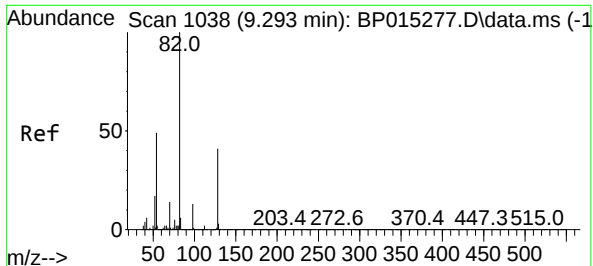
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#22
Acetophenone
Concen: 48.019 ng
RT: 8.940 min Scan# 978
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

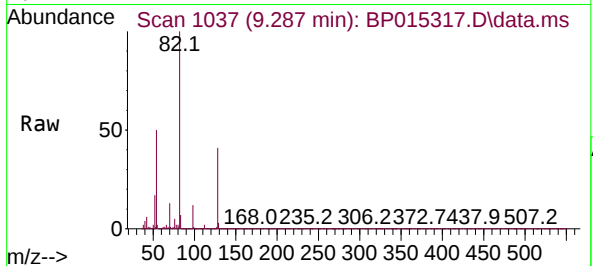
Tgt Ion:	105	Resp:	827919
Ion Ratio	Lower	Upper	
105	100		
71	1.7	1.5	2.3
51	27.1	22.5	33.7
120	20.7	17.2	25.8





#23
Nitrobenzene-d5
Concen: 71.658 ng
RT: 9.287 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

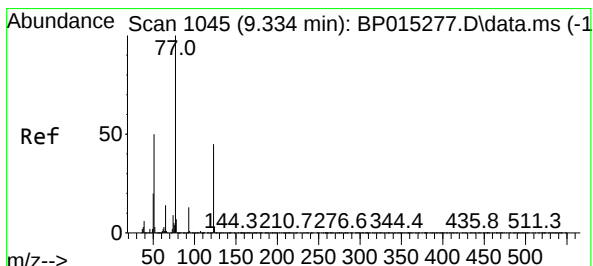
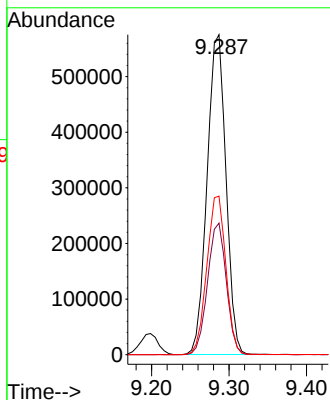
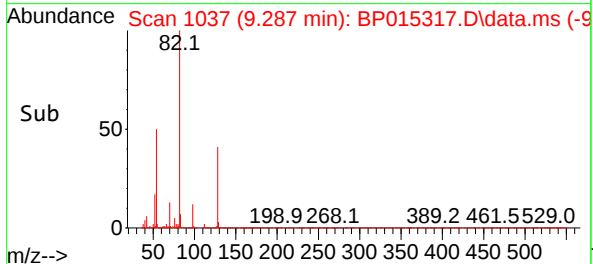
Instrument :
BNA_P
ClientSampleId :
SB17BMSD



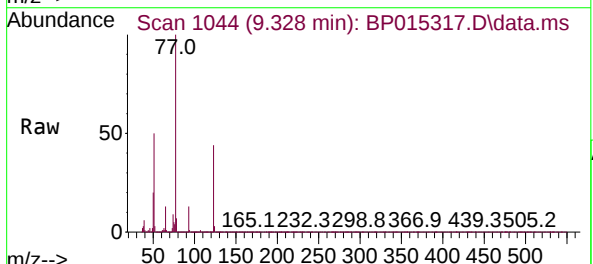
Tgt Ion: 82 Resp: 97422
Ion Ratio Lower Upper
82 100
128 41.1 33.0 49.4
54 49.6 39.2 58.8

Manual Integrations
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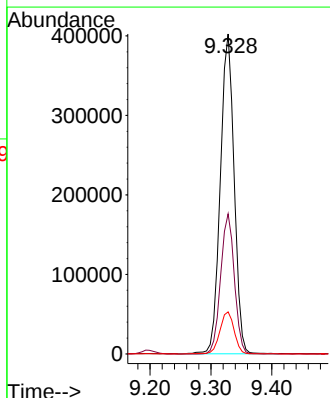
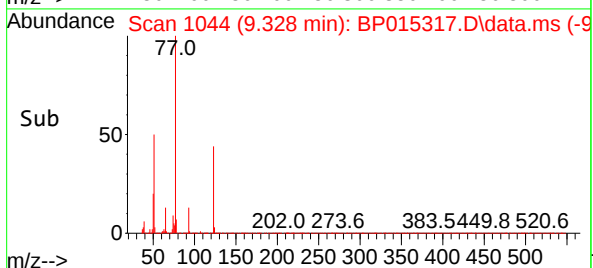
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

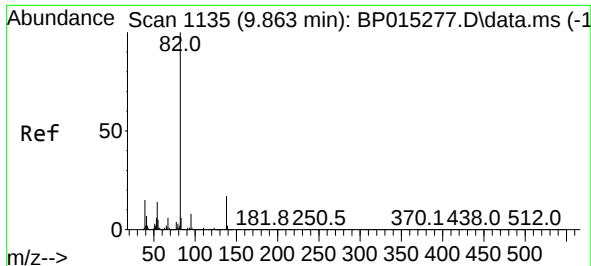


#24
Nitrobenzene
Concen: 46.791 ng
RT: 9.328 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40



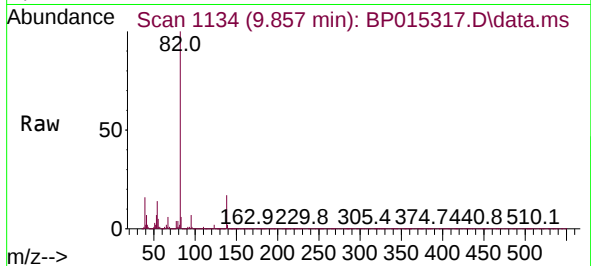
Tgt Ion: 77 Resp: 633426
Ion Ratio Lower Upper
77 100
123 43.8 36.2 54.4
65 13.2 10.8 16.2





#25
Isophorone
Concen: 45.916 ng
RT: 9.857 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

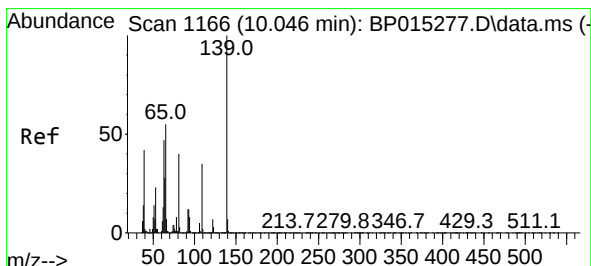
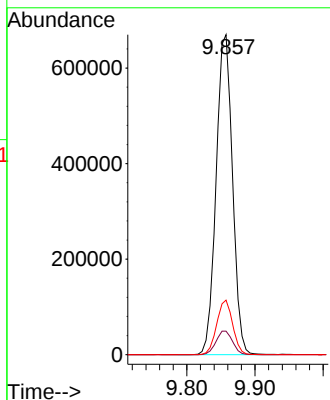
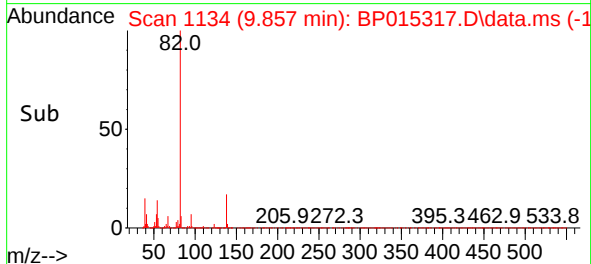
Instrument :
BNA_P
ClientSampleId :
SB17BMSD



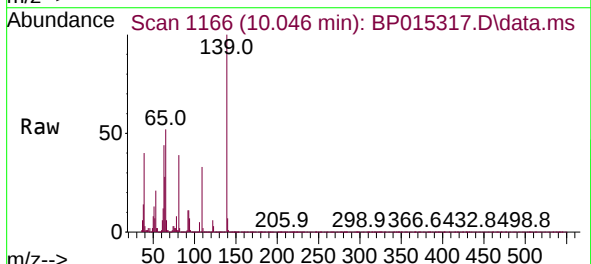
Tgt Ion: 82 Resp: 1120250
Ion Ratio Lower Upper
82 100
95 7.4 6.3 9.5
138 17.1 13.6 20.4

Manual Integrations
APPROVED

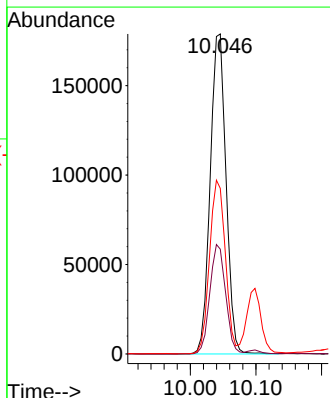
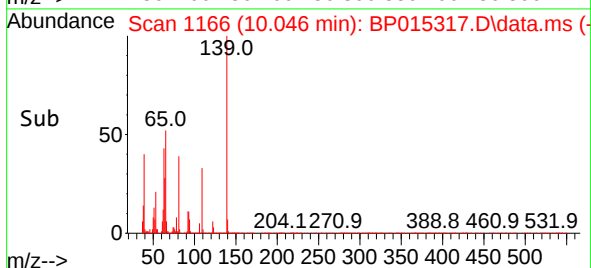
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

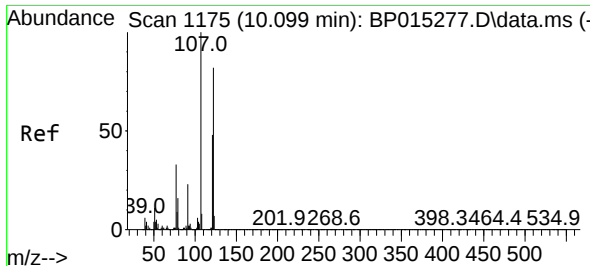


#26
2-Nitrophenol
Concen: 50.433 ng
RT: 10.046 min Scan# 1166
Delta R.T. 0.000 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40



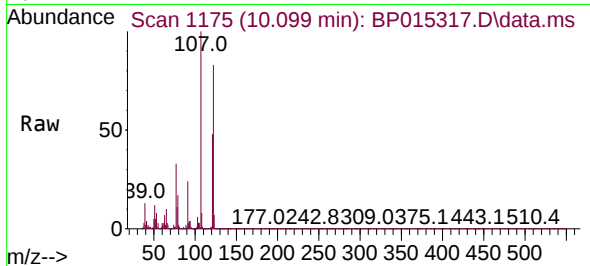
Tgt Ion:139 Resp: 299664
Ion Ratio Lower Upper
139 100
109 32.7 28.4 42.6
65 51.7 43.8 65.8





#27
2,4-Dimethylphenol
Concen: 48.990 ng
RT: 10.099 min Scan# 1175
Delta R.T. 0.000 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

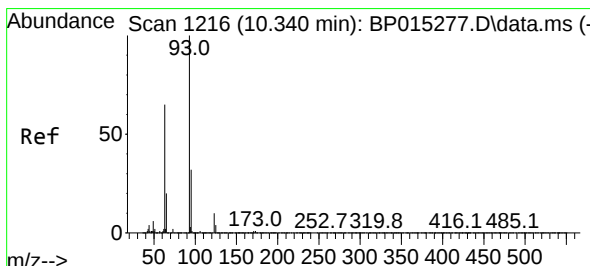
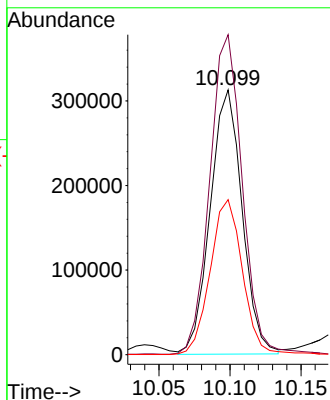
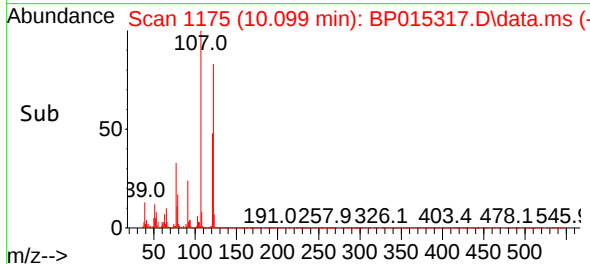
Instrument :
BNA_P
ClientSampleId :
SB17BMSD



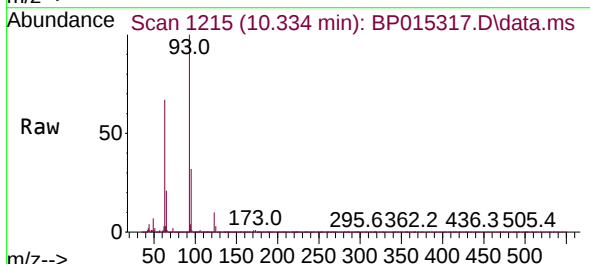
Tgt Ion:122 Resp: 48802
Ion Ratio Lower Upper
122 100
107 120.8 95.9 143.9
121 58.6 45.8 68.8

Manual Integrations
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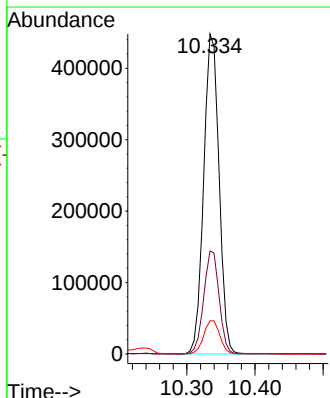
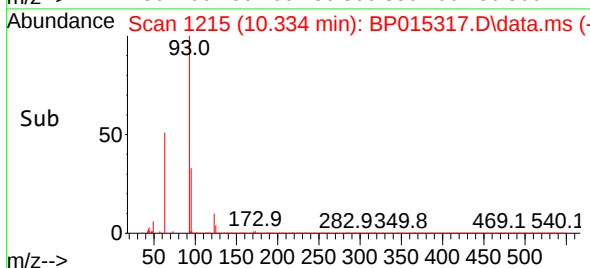
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

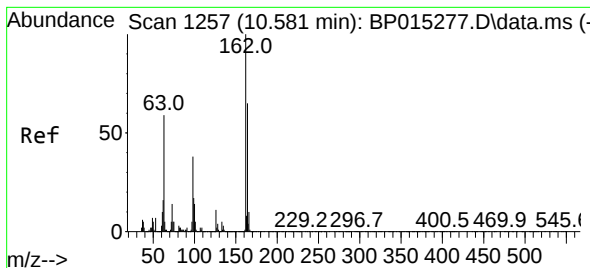


#28
bis(2-Chloroethoxy)methane
Concen: 46.713 ng
RT: 10.334 min Scan# 1215
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40



Tgt Ion: 93 Resp: 702421
Ion Ratio Lower Upper
93 100
95 32.2 26.0 39.0
123 10.4 8.4 12.6





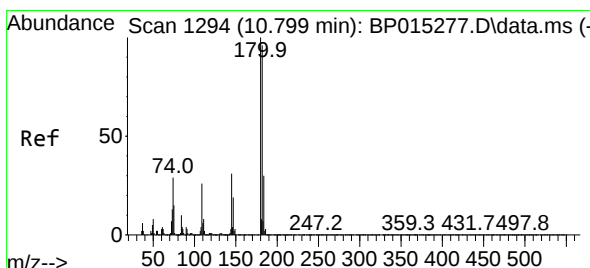
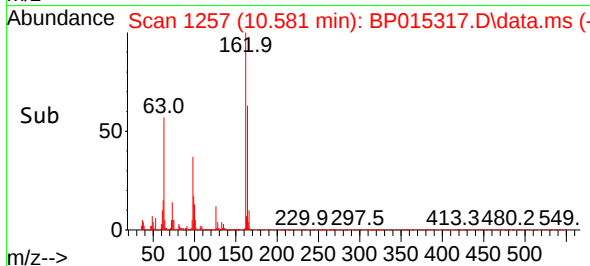
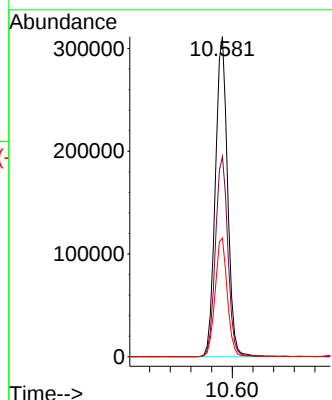
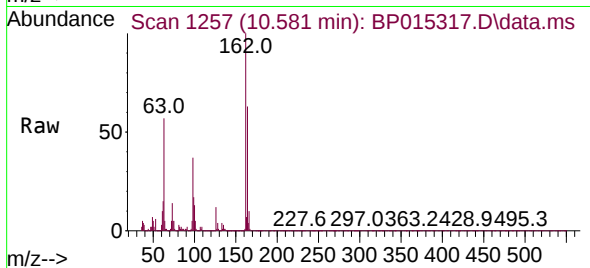
#29
2,4-Dichlorophenol
Concen: 49.397 ng
RT: 10.581 min Scan# 1257
Delta R.T. -0.000 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
ClientSampleId :
SB17BMSD

Tgt Ion:162 Resp: 51020
Ion Ratio Lower Upper
162 100
164 62.6 45.4 85.4
98 37.1 17.9 57.9

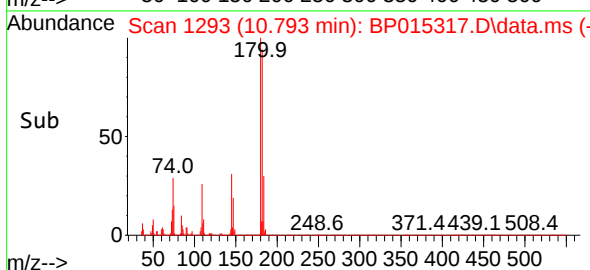
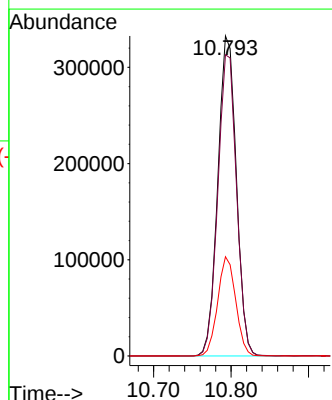
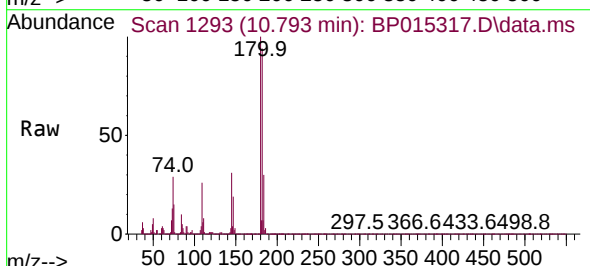
Manual Integrations
APPROVED

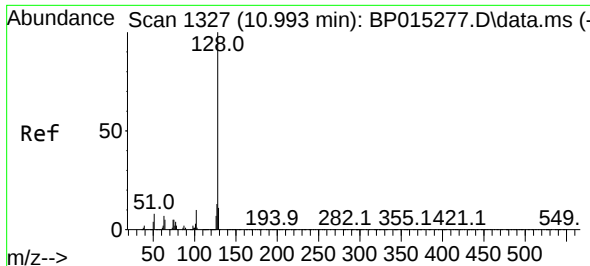
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#30
1,2,4-Trichlorobenzene
Concen: 47.973 ng
RT: 10.793 min Scan# 1293
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

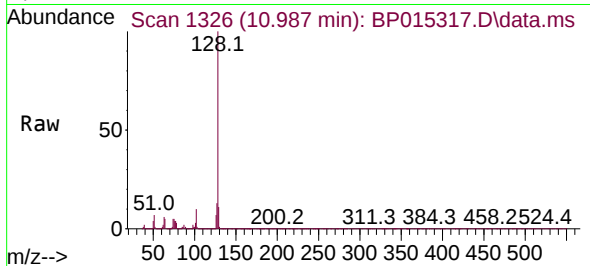
Tgt Ion:180 Resp: 552719
Ion Ratio Lower Upper
180 100
182 94.1 76.6 115.0
145 31.0 24.9 37.3





#31
Naphthalene
Concen: 45.992 ng
RT: 10.987 min Scan# 1198
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

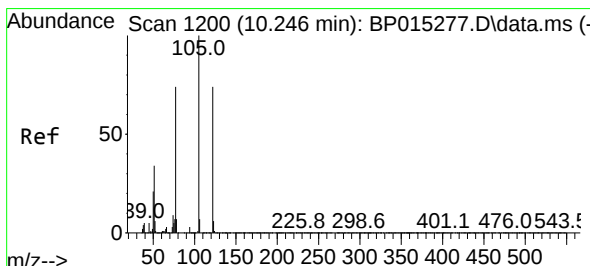
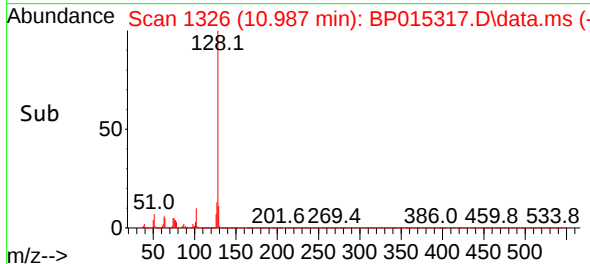
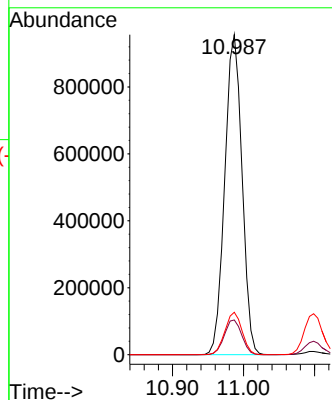
Instrument :
BNA_P
ClientSampleId :
SB17BMSD



Tgt Ion:128 Resp: 1607860
Ion Ratio Lower Upper
128 100
129 10.8 8.6 13.0
127 13.2 10.4 15.6

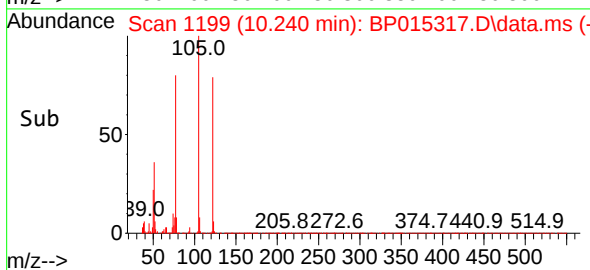
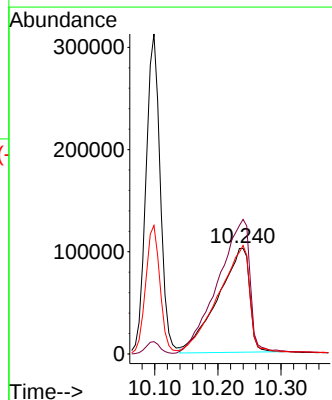
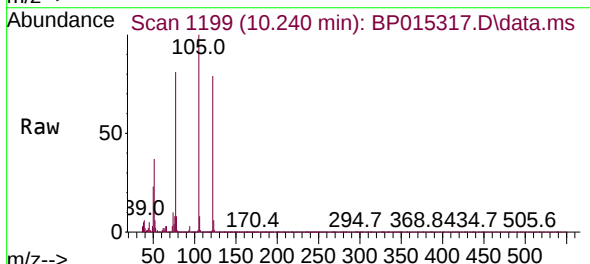
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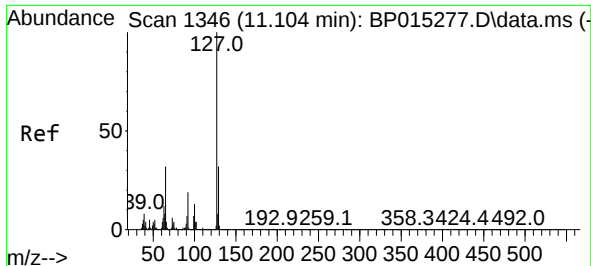
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#32
Benzoic acid
Concen: 45.461 ng
RT: 10.240 min Scan# 1199
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Tgt Ion:122 Resp: 355695
Ion Ratio Lower Upper
122 100
105 127.4 109.5 149.5
77 102.7 78.2 118.2





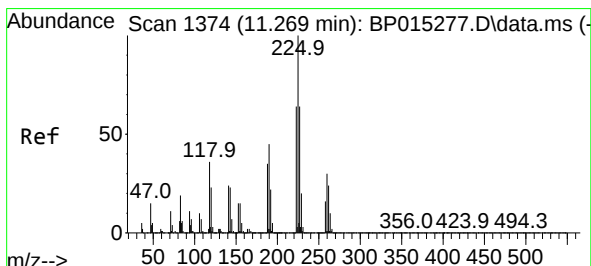
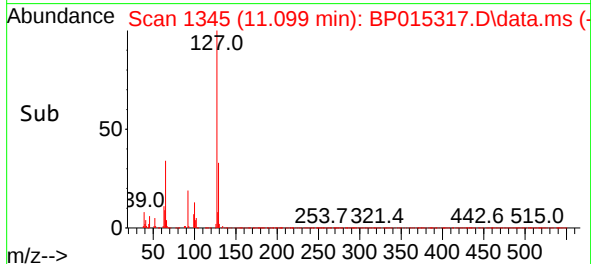
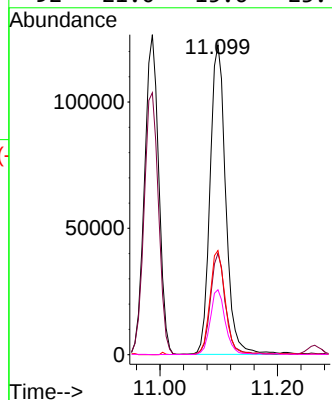
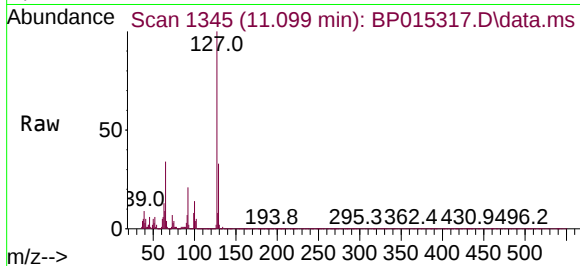
#33
4-Chloroaniline
Concen: 15.690 ng
RT: 11.099 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
ClientSampleId :
SB17BMSD

Tgt Ion:	127	Resp:	226770
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.5	38.3
65	33.6	25.3	37.9
92	21.0	15.6	23.4

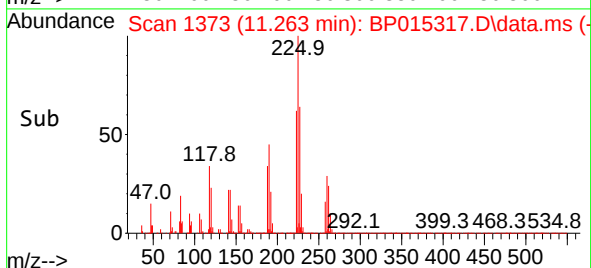
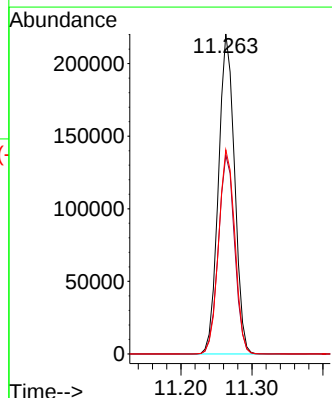
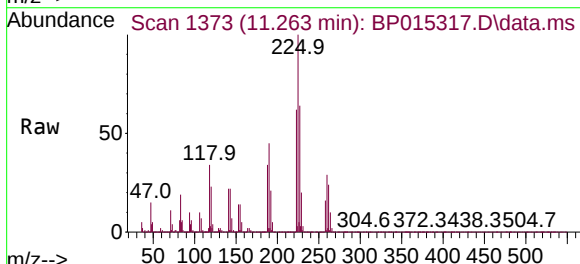
Manual Integrations
APPROVED

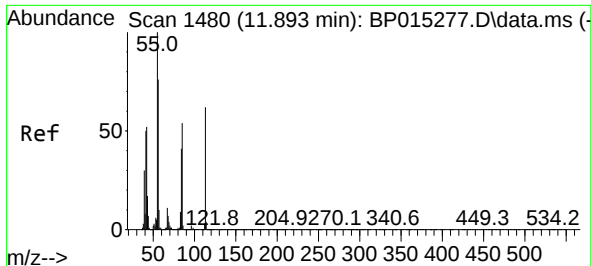
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#34
Hexachlorobutadiene
Concen: 47.293 ng
RT: 11.263 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

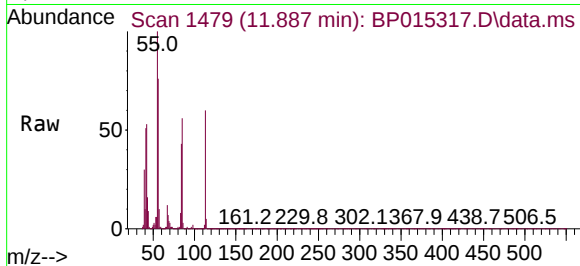
Tgt Ion:	225	Resp:	345233
Ion	Ratio	Lower	Upper
225	100		
223	62.1	51.0	76.4
227	63.8	51.4	77.2





#35
Caprolactam
Concen: 49.080 ng
RT: 11.887 min Scan# 1480
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

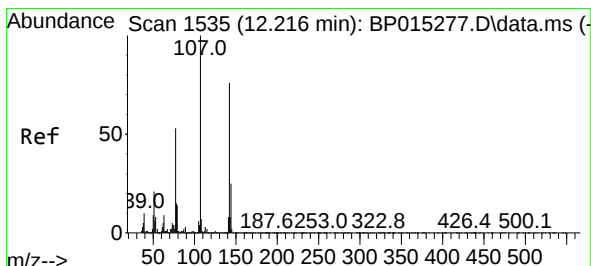
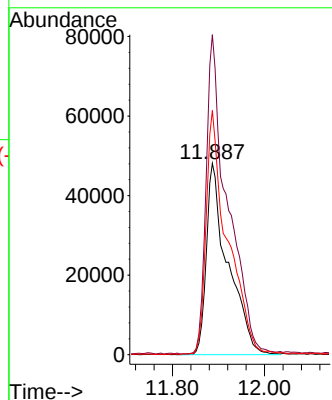
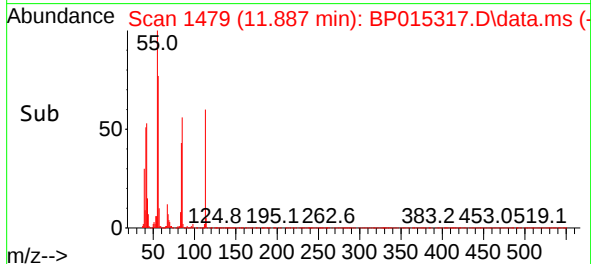
Instrument :
BNA_P
ClientSampleId :
SB17BMSD



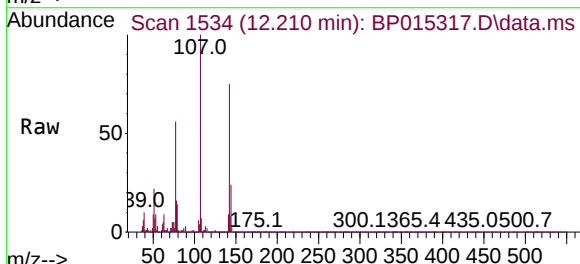
Tgt Ion:113 Resp: 155634
Ion Ratio Lower Upper
113 100
55 167.3 141.4 181.4
56 127.6 102.5 142.5

Manual Integrations
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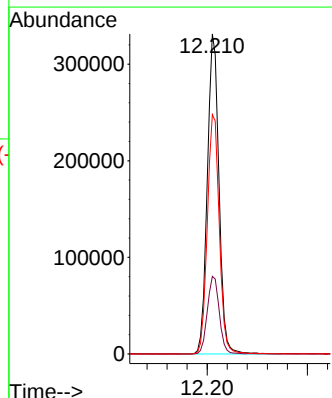
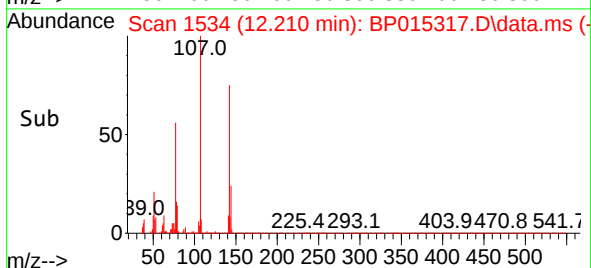
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

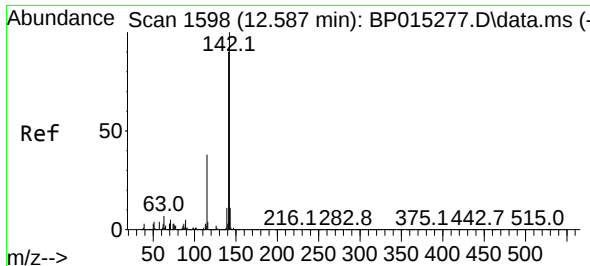


#36
4-Chloro-3-methylphenol
Concen: 47.620 ng
RT: 12.210 min Scan# 1534
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40



Tgt Ion:107 Resp: 534780
Ion Ratio Lower Upper
107 100
144 24.2 19.8 29.6
142 74.8 61.0 91.4





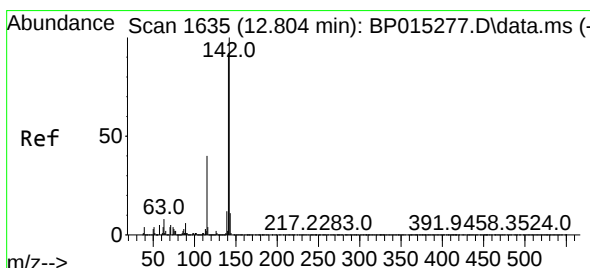
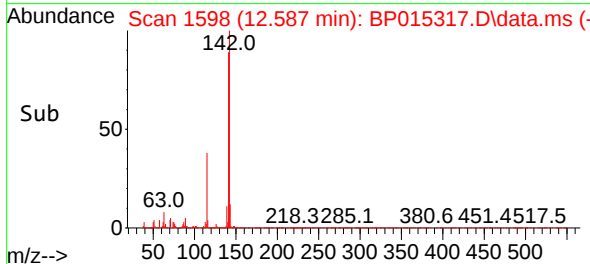
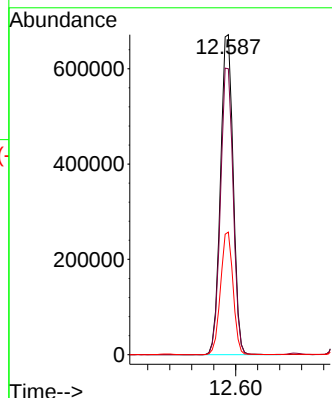
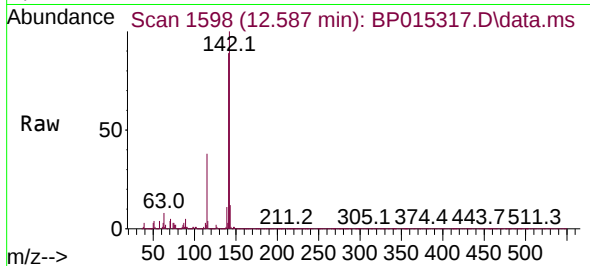
#37
2-Methylnaphthalene
Concen: 43.328 ng
RT: 12.587 min Scan# 1598
Delta R.T. 0.000 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
ClientSampleId :
SB17BMSD

Tgt Ion:142 Resp: 107657
Ion Ratio Lower Upper
142 100
141 89.4 72.0 108.0
115 38.3 30.6 46.0

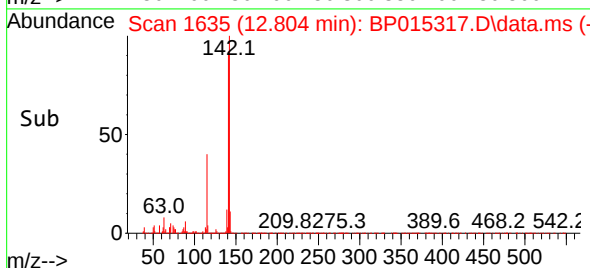
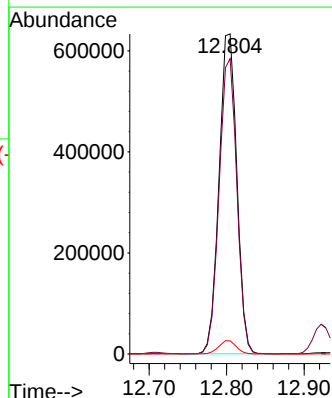
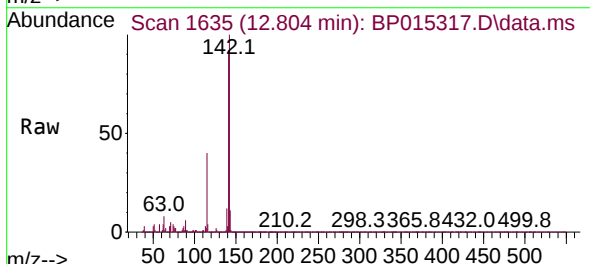
Manual Integrations
APPROVED

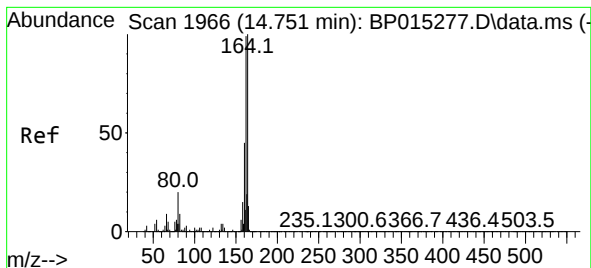
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#38
1-Methylnaphthalene
Concen: 43.489 ng
RT: 12.804 min Scan# 1635
Delta R.T. 0.000 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Tgt Ion:142 Resp: 1008198
Ion Ratio Lower Upper
142 100
141 92.3 73.8 110.6
116 4.1 3.4 5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.745 min Scan# 1966

Delta R.T. -0.006 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

Instrument :

BNA_P

ClientSampleId :

SB17BMSD

Tgt Ion:164 Resp: 36523

Ion Ratio Lower Upper

164 100

162 100.9 79.4 119.2

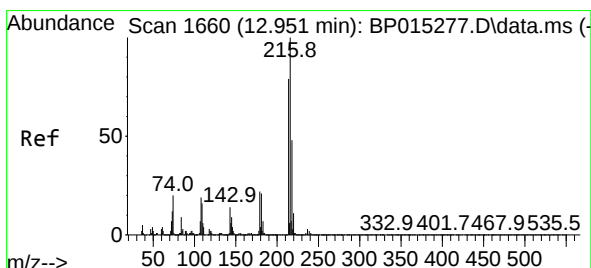
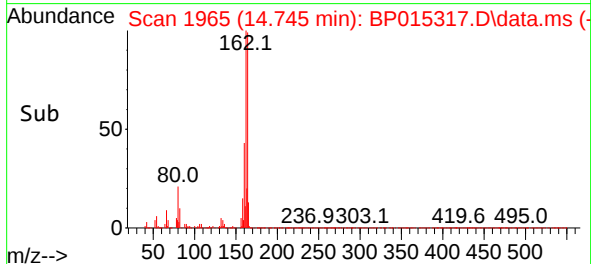
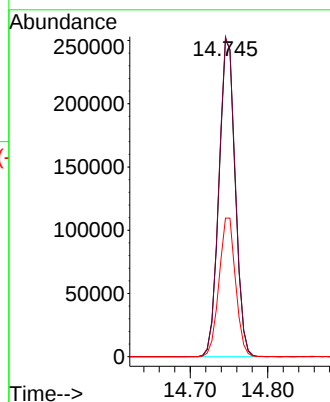
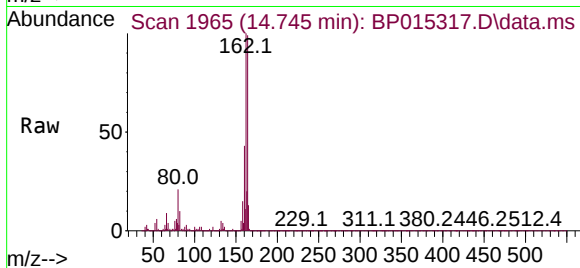
160 43.7 35.6 53.4

Manual Integrations

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Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.497 ng

RT: 12.951 min Scan# 1660

Delta R.T. 0.000 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

Tgt Ion:216 Resp: 581198

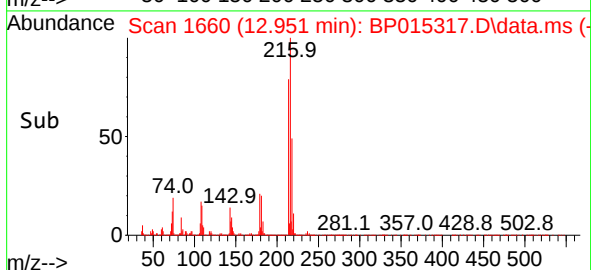
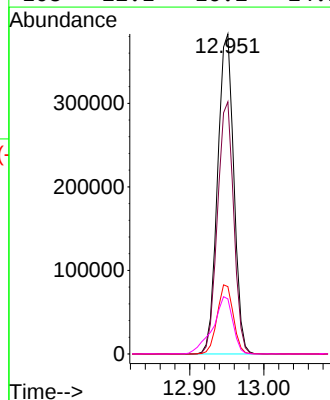
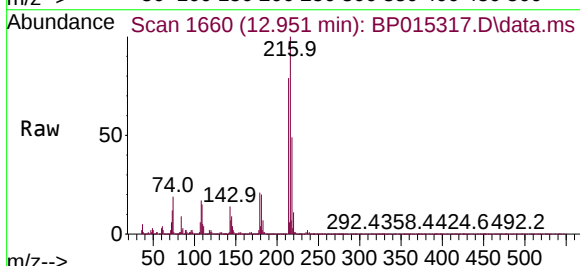
Ion Ratio Lower Upper

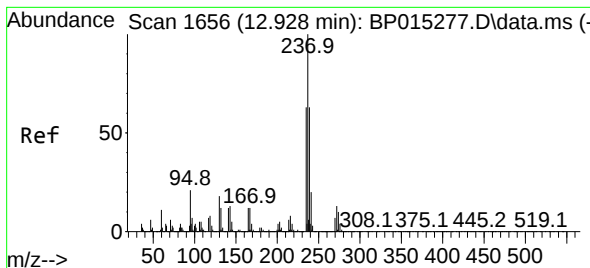
216 100

214 78.7 63.0 94.4

179 21.4 17.3 25.9

108 22.1 16.2 24.2





#41

Hexachlorocyclopentadiene

Concen: 113.198 ng

RT: 12.922 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

Instrument :

BNA_P

ClientSampleId :

SB17BMSD

Tgt Ion:237 Resp: 718530

Ion Ratio Lower Upper

237 100

235 62.4 43.2 83.2

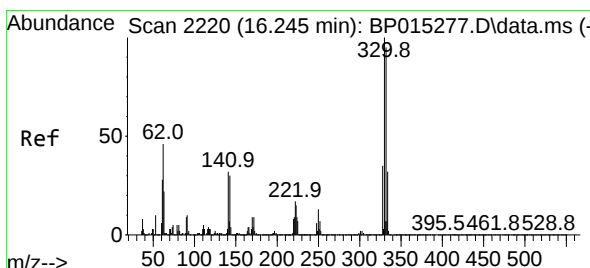
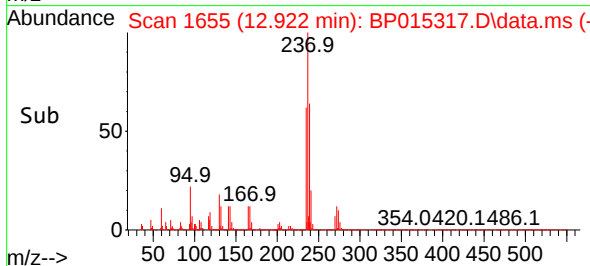
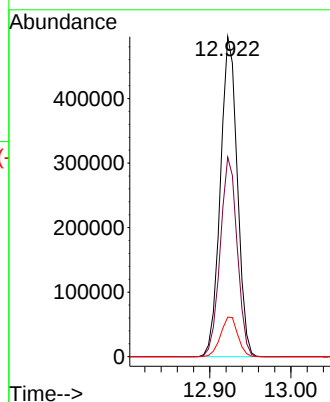
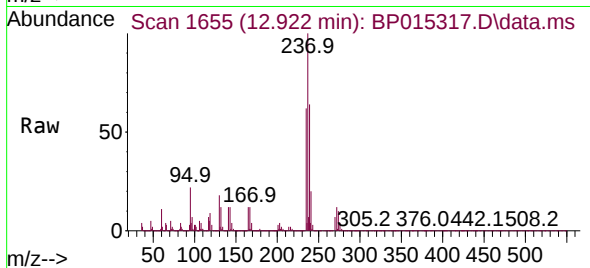
272 12.3 0.0 32.7

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#42

2,4,6-Tribromophenol

Concen: 107.560 ng

RT: 16.239 min Scan# 2219

Delta R.T. -0.006 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

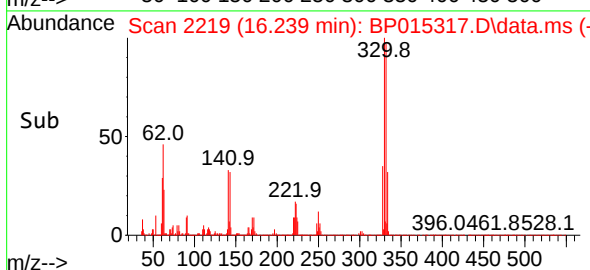
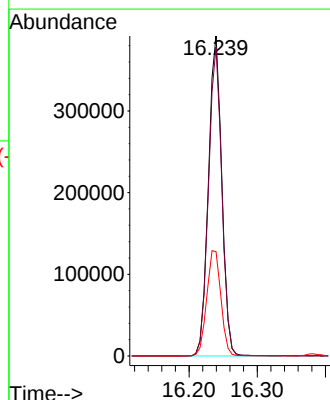
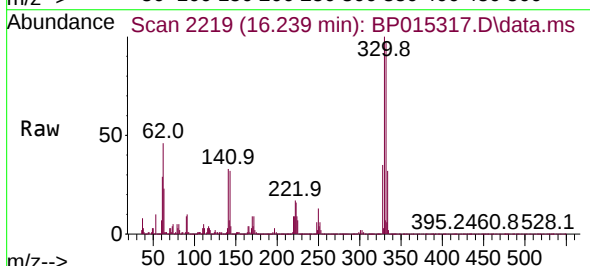
Tgt Ion:330 Resp: 533849

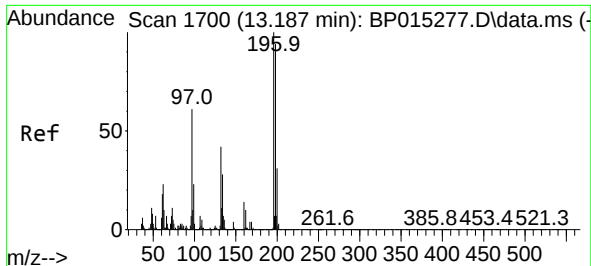
Ion Ratio Lower Upper

330 100

332 96.5 76.3 114.5

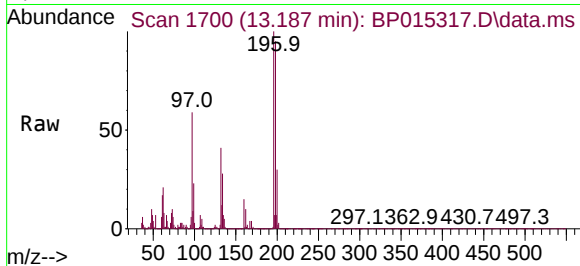
141 35.0 27.8 41.8





#43
2,4,6-Trichlorophenol
Concen: 50.591 ng
RT: 13.187 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

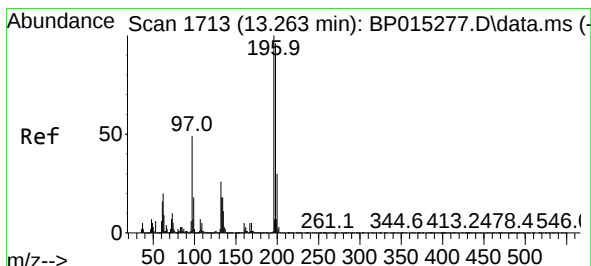
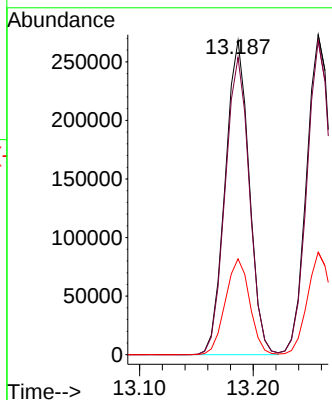
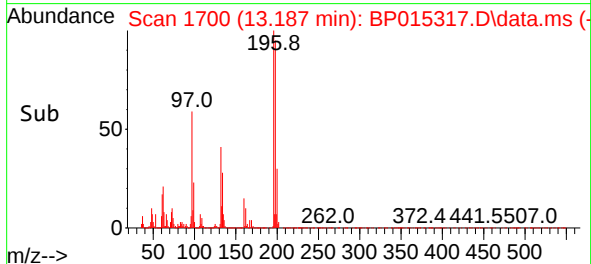
Instrument :
BNA_P
ClientSampleId :
SB17BMSD



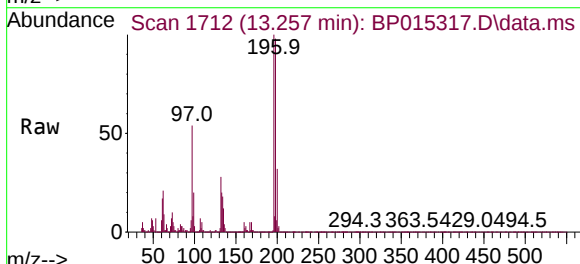
Tgt Ion:196 Resp: 393540
Ion Ratio Lower Upper
196 100
198 94.6 75.0 112.4
200 30.5 24.4 36.6

Manual Integrations
APPROVED

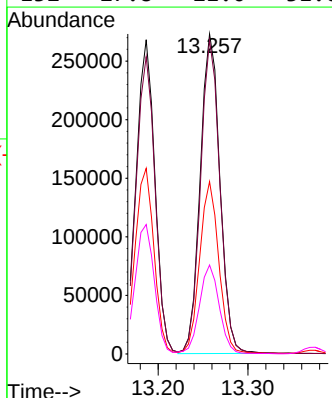
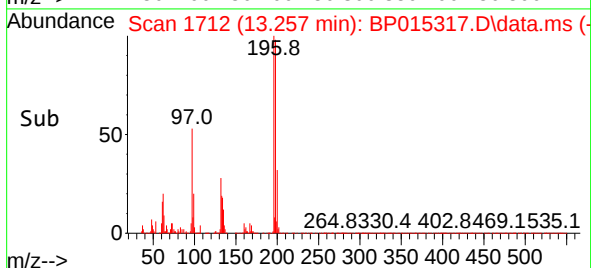
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

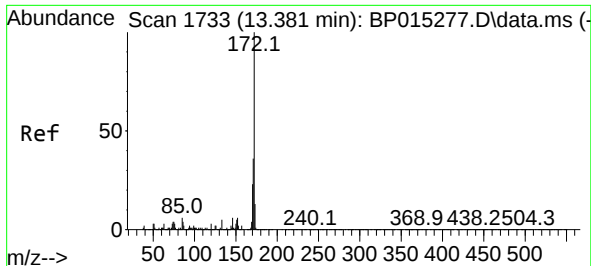


#44
2,4,5-Trichlorophenol
Concen: 45.568 ng
RT: 13.257 min Scan# 1712
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40



Tgt Ion:196 Resp: 416706
Ion Ratio Lower Upper
196 100
198 98.1 76.8 115.2
97 53.8 39.3 58.9
132 27.8 21.0 31.6





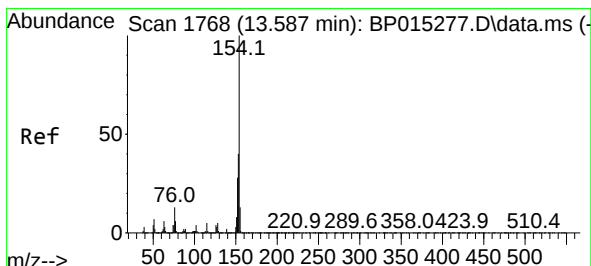
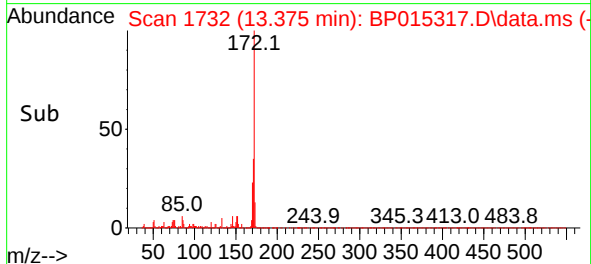
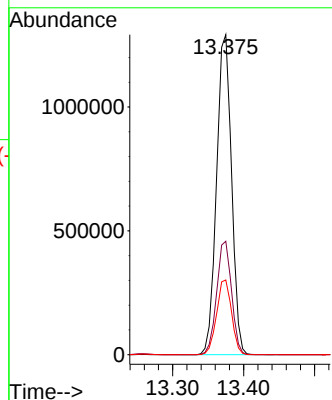
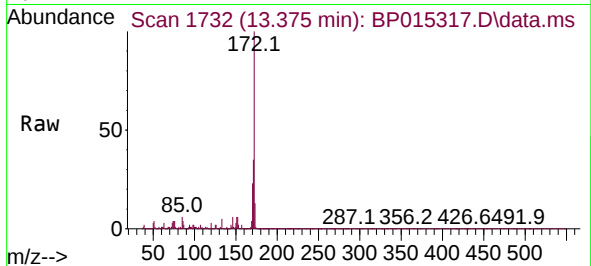
#45
2-Fluorobiphenyl
Concen: 69.249 ng
RT: 13.375 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
ClientSampleId :
SB17BMSD

Tgt Ion:172 Resp: 188385
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.4 18.7 28.1

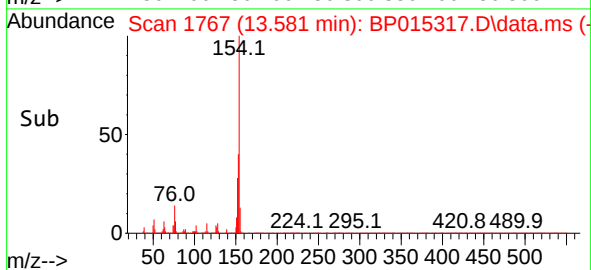
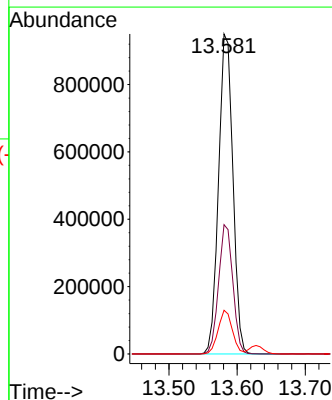
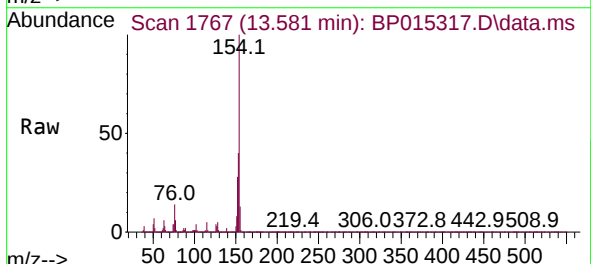
Manual Integrations
APPROVED

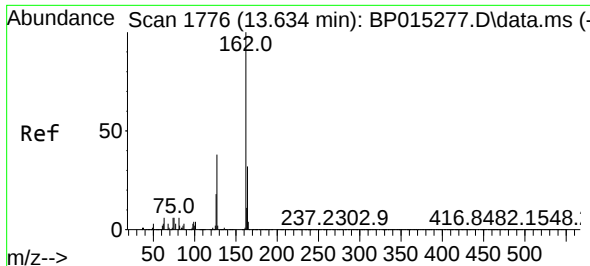
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#46
1,1'-Biphenyl
Concen: 47.935 ng
RT: 13.581 min Scan# 1767
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Tgt Ion:154 Resp: 1387142
Ion Ratio Lower Upper
154 100
153 40.4 20.3 60.3
76 13.7 0.0 33.1





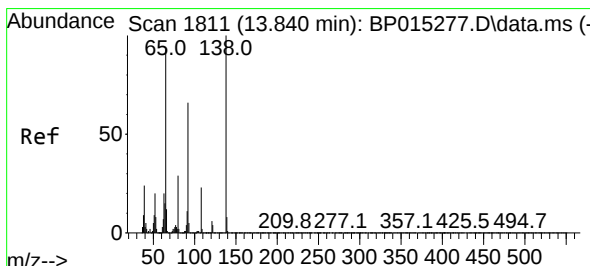
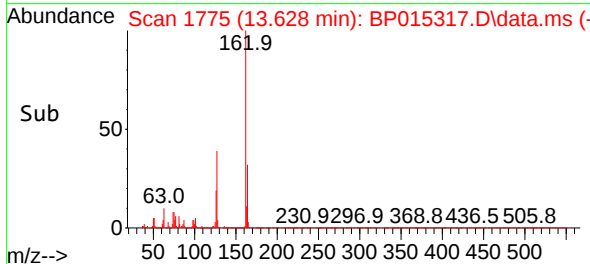
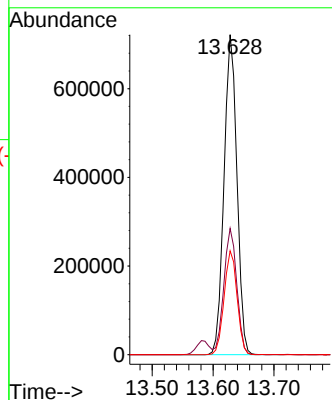
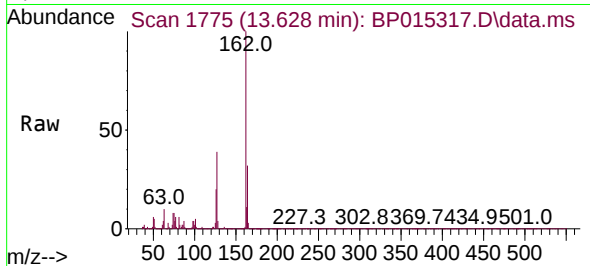
#47
2-Chloronaphthalene
Concen: 48.713 ng
RT: 13.628 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
ClientSampleId :
SB17BMSD

Tgt Ion:162 Resp: 106340
Ion Ratio Lower Upper
162 100
127 39.5 31.7 47.5
164 32.5 25.8 38.8

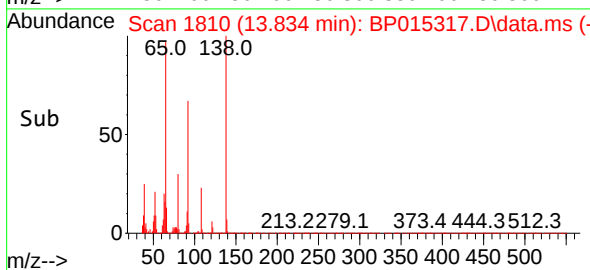
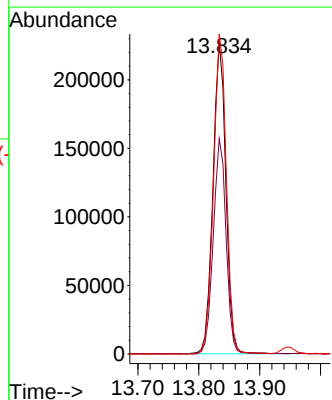
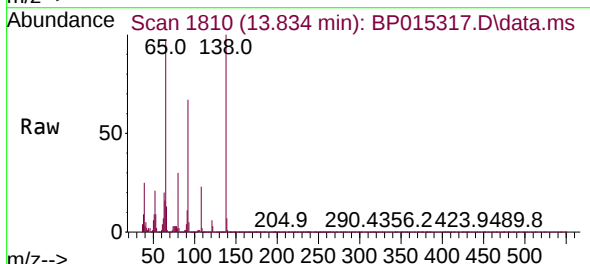
Manual Integrations
APPROVED

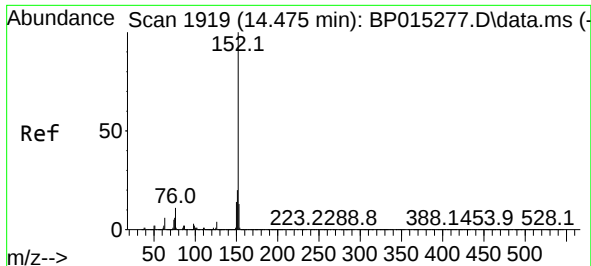
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#48
2-Nitroaniline
Concen: 50.246 ng
RT: 13.834 min Scan# 1810
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

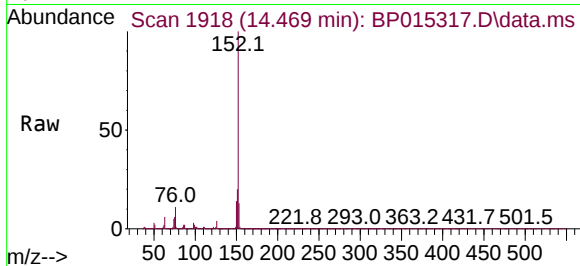
Tgt Ion: 65 Resp: 335067
Ion Ratio Lower Upper
65 100
92 69.1 56.5 84.7
138 102.8 85.7 128.5





#49
Acenaphthylene
Concen: 47.347 ng
RT: 14.469 min Scan# 1918
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

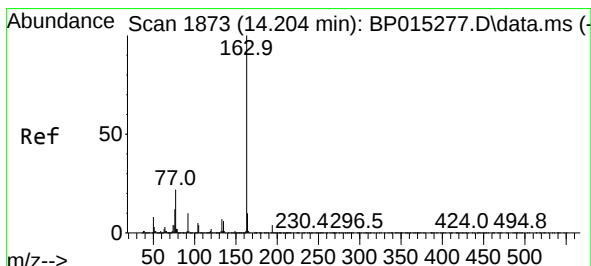
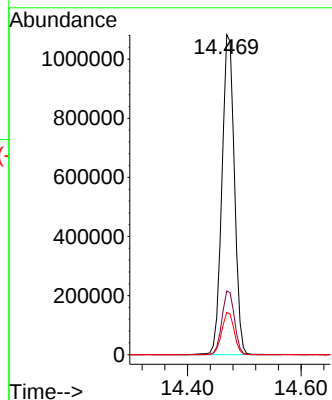
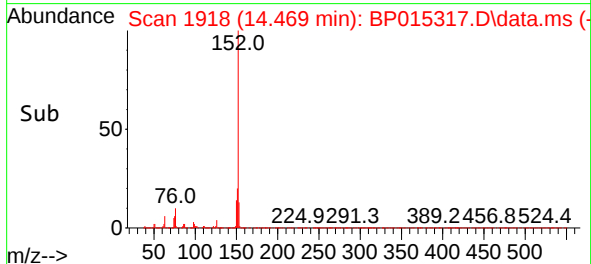
Instrument :
BNA_P
ClientSampleId :
SB17BMSD



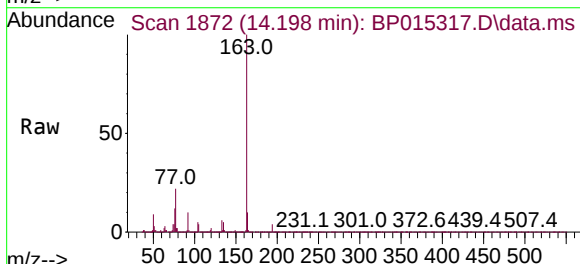
Tgt Ion:152 Resp: 1653810
Ion Ratio Lower Upper
152 100
151 19.9 16.0 24.0
153 13.2 10.6 16.0

Manual Integrations
APPROVED

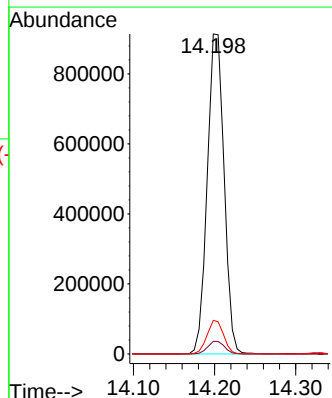
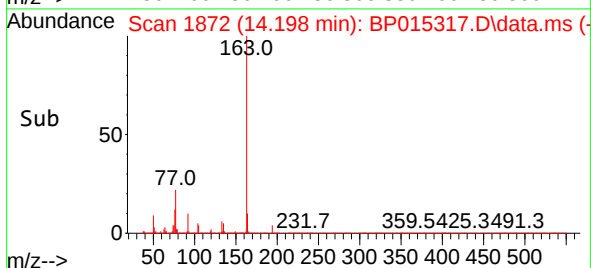
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

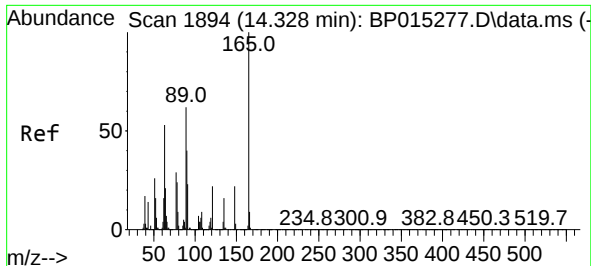


#50
Dimethylphthalate
Concen: 46.007 ng
RT: 14.198 min Scan# 1872
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40



Tgt Ion:163 Resp: 1314592
Ion Ratio Lower Upper
163 100
194 3.9 3.2 4.8
164 10.5 8.2 12.4





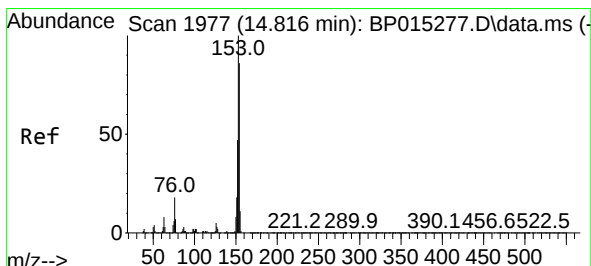
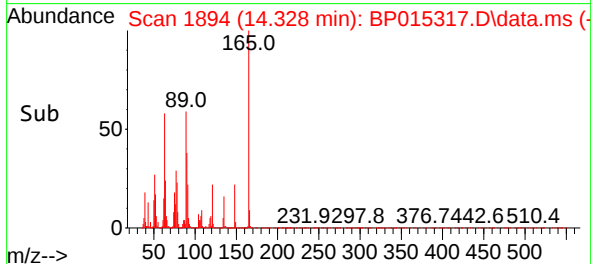
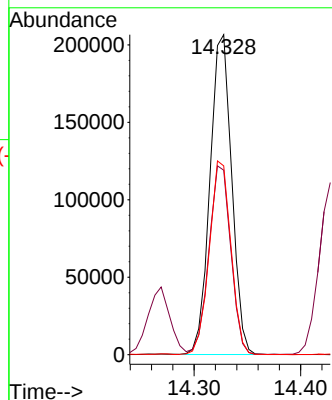
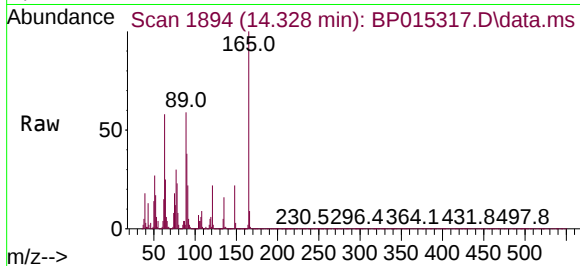
#51
2,6-Dinitrotoluene
Concen: 48.369 ng
RT: 14.328 min Scan# 1894
Delta R.T. -0.000 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
ClientSampleId :
SB17BMSD

Tgt Ion:165 Resp: 29180
Ion Ratio Lower Upper
165 100
63 57.7 46.6 70.0
89 59.0 49.7 74.5

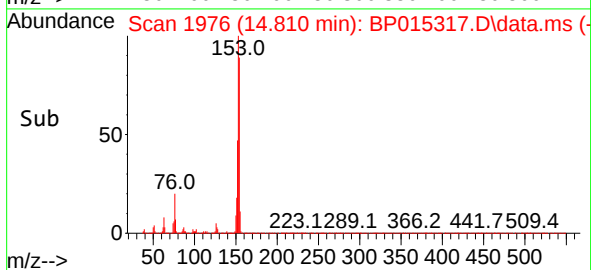
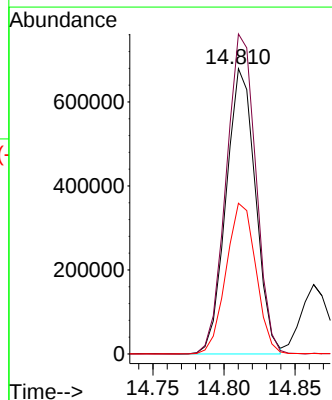
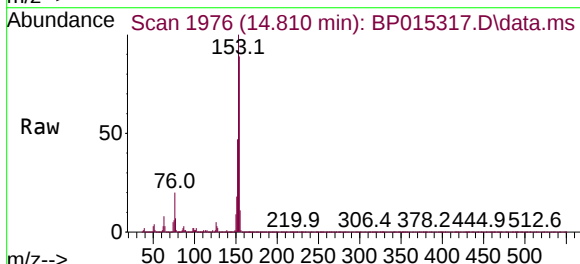
Manual Integrations
APPROVED

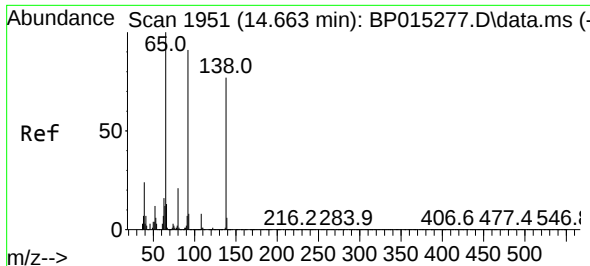
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#52
Acenaphthene
Concen: 47.071 ng
RT: 14.810 min Scan# 1976
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Tgt Ion:154 Resp: 979277
Ion Ratio Lower Upper
154 100
153 112.2 92.8 139.2
152 52.8 44.0 66.0





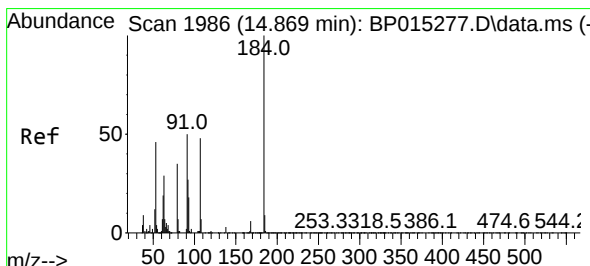
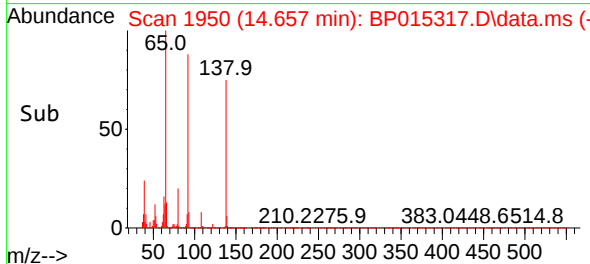
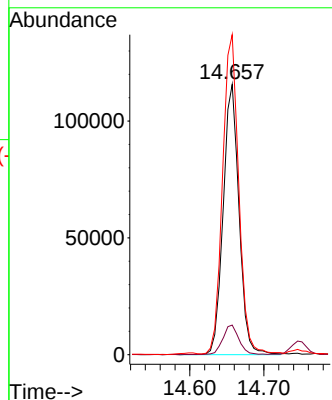
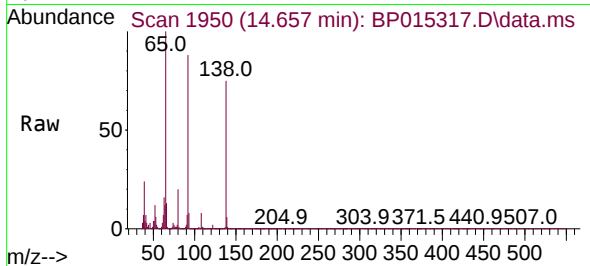
#53
3-Nitroaniline
Concen: 27.867 ng
RT: 14.657 min Scan# 1950
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
ClientSampleId :
SB17BMSD

Tgt Ion:138 Resp: 17182
Ion Ratio Lower Upper
138 100
108 10.9 8.6 13.0
92 118.4 94.0 141.0

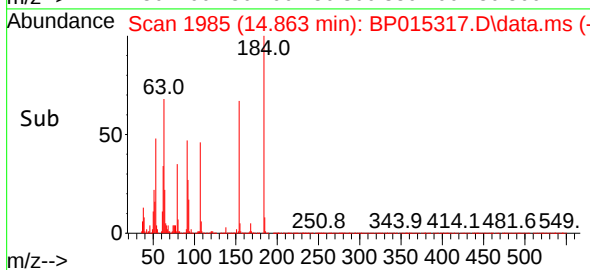
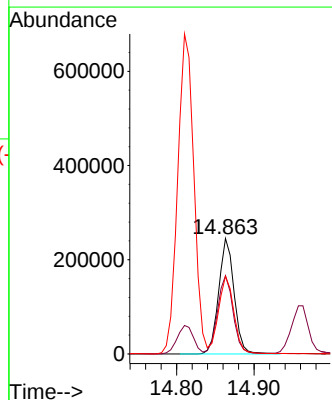
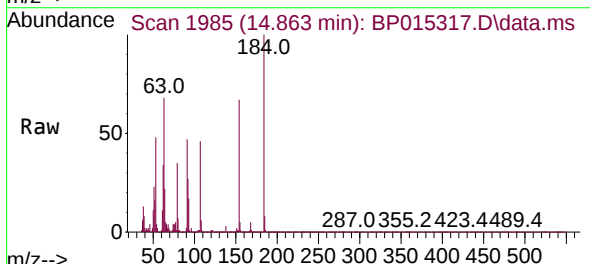
Manual Integrations
APPROVED

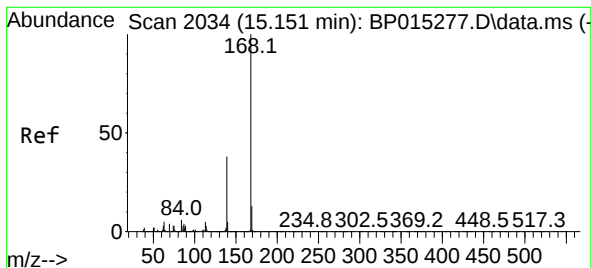
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#54
2,4-Dinitrophenol
Concen: 83.360 ng
RT: 14.863 min Scan# 1985
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

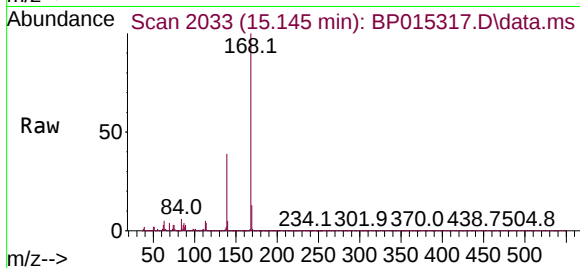
Tgt Ion:184 Resp: 339358
Ion Ratio Lower Upper
184 100
63 67.8 56.2 84.4
154 67.4 53.2 79.8





#55
Dibenzenofuran
Concen: 46.238 ng
RT: 15.145 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

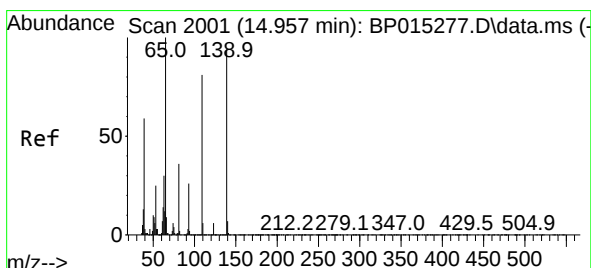
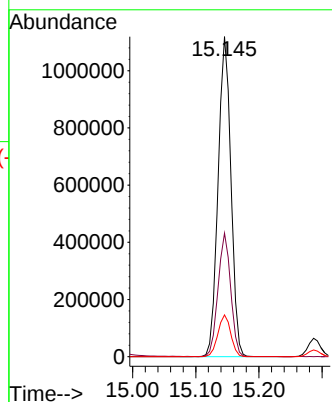
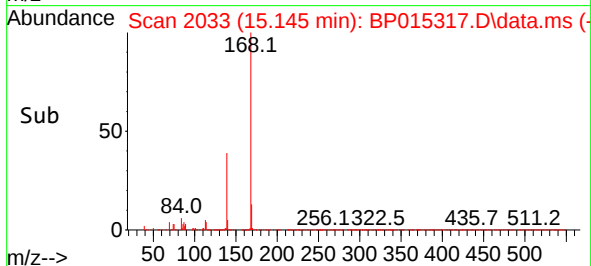
Instrument :
BNA_P
ClientSampleId :
SB17BMSD



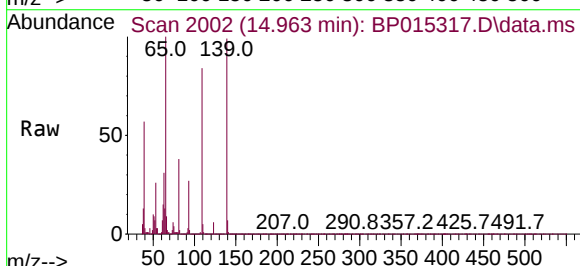
Tgt Ion:168 Resp: 157359
Ion Ratio Lower Upper
168 100
139 38.6 30.1 45.1
169 13.1 10.6 15.8

Manual Integrations
APPROVED

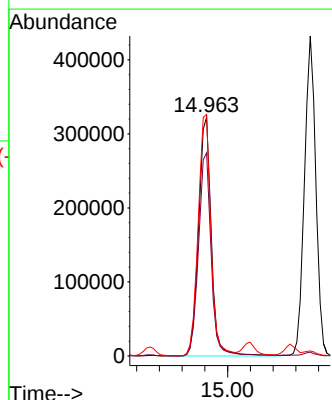
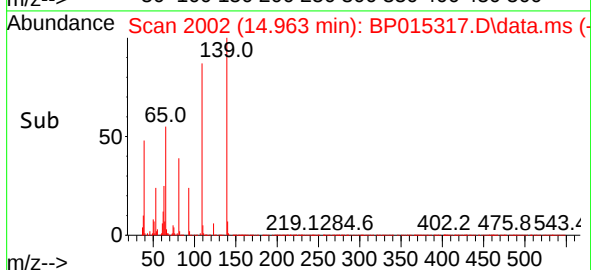
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

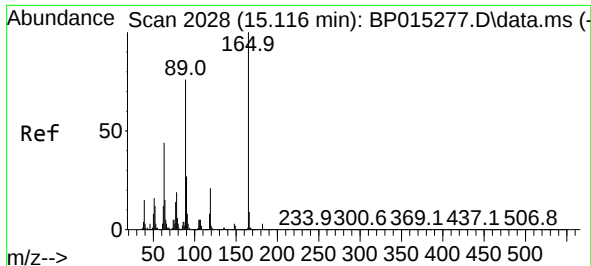


#56
4-Nitrophenol
Concen: 92.132 ng
RT: 14.963 min Scan# 2002
Delta R.T. 0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40



Tgt Ion:139 Resp: 502037
Ion Ratio Lower Upper
139 100
109 85.1 66.5 106.5
65 101.2 86.6 126.6





#57
2,4-Dinitrotoluene
Concen: 49.764 ng
RT: 15.110 min Scan# 2028
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :

BNA_P

ClientSampleId :

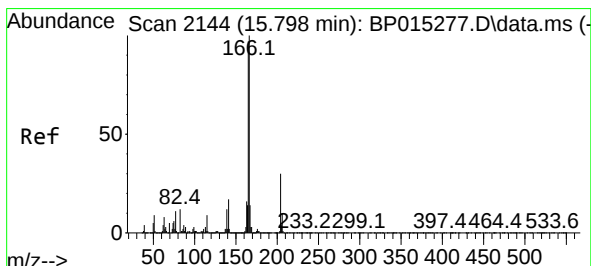
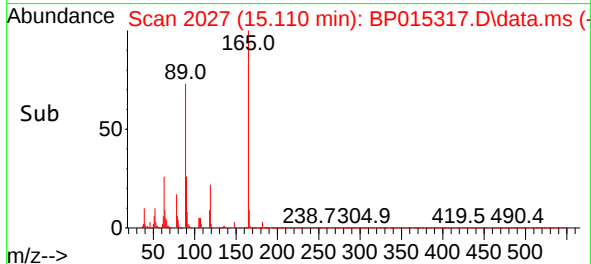
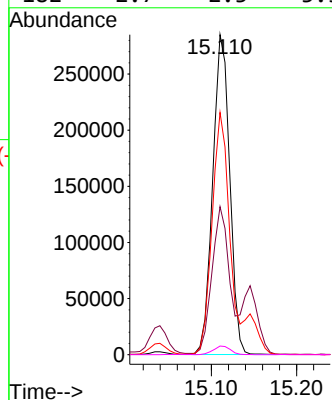
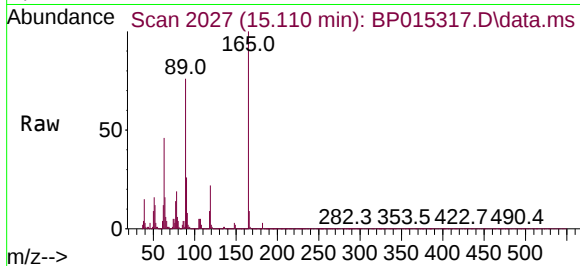
SB17BMSD

Tgt Ion:165 Resp: 394739
Ion Ratio Lower Upper
165 100
63 46.2 35.7 53.5
89 75.7 60.8 91.2
182 2.7 2.3 3.5

Manual Integrations

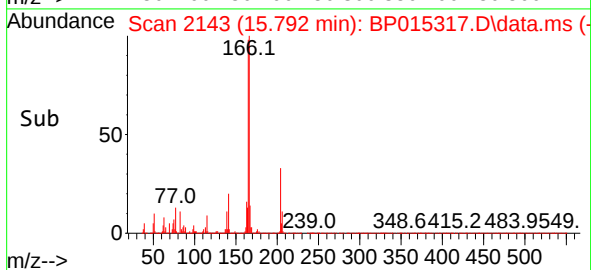
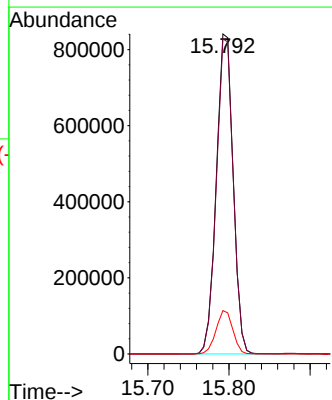
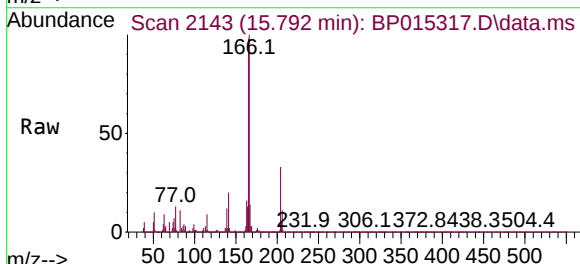
APPROVED

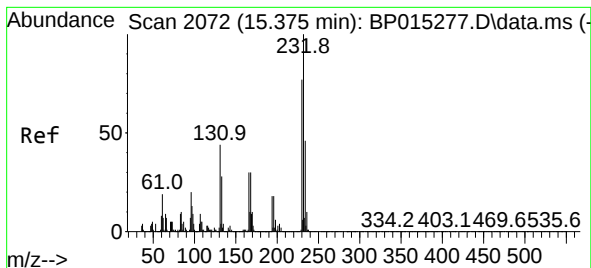
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#58
Fluorene
Concen: 46.163 ng
RT: 15.792 min Scan# 2143
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Tgt Ion:166 Resp: 1213408
Ion Ratio Lower Upper
166 100
165 98.5 77.5 116.3
167 13.6 10.9 16.3





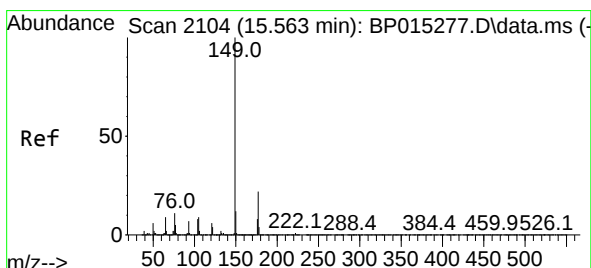
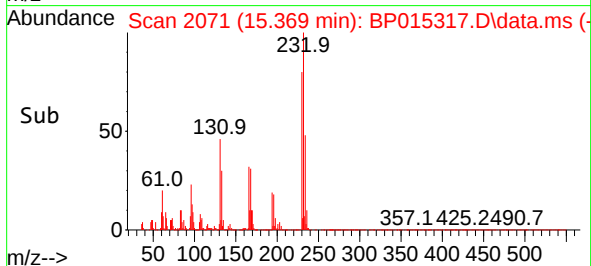
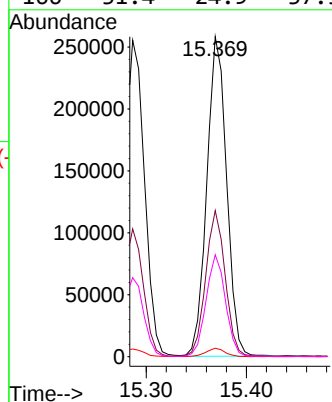
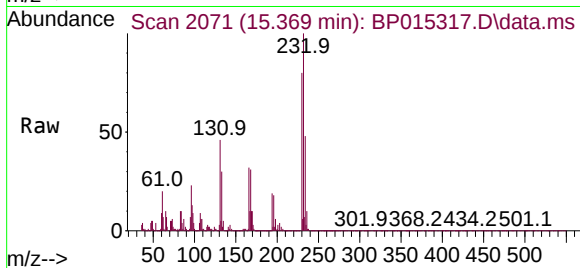
#59
2,3,4,6-Tetrachlorophenol
Concen: 48.474 ng
RT: 15.369 min Scan# 2072
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
Client Sample Id :
SB17BMSD

Tgt Ion: 232 Resp: 35452
Ion Ratio Lower Upper
232 100
131 45.1 36.2 54.2
130 2.6 2.0 3.0
166 31.4 24.9 37.3

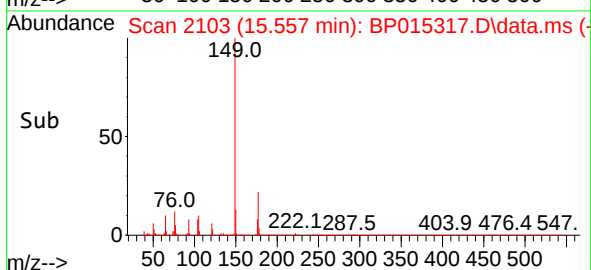
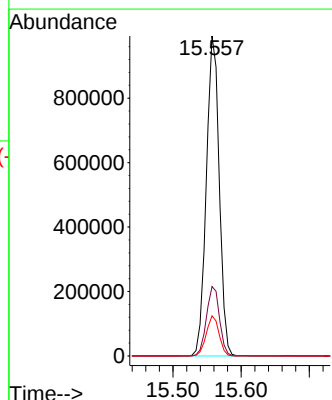
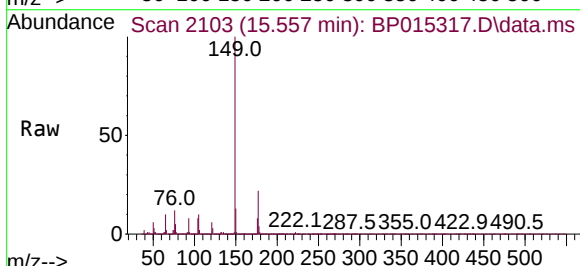
Manual Integrations
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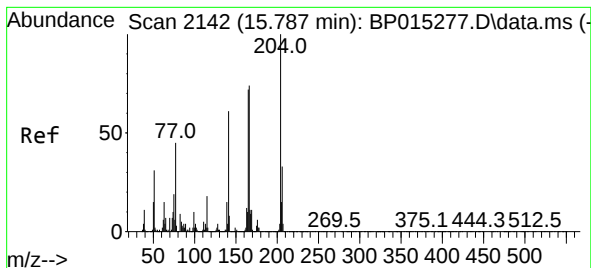
Reviewed By : Christian Giraldo 05/30/2023
Supervised By : Jagrut Upadhyay 05/31/2023



#60
Diethylphthalate
Concen: 45.944 ng
RT: 15.557 min Scan# 2103
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

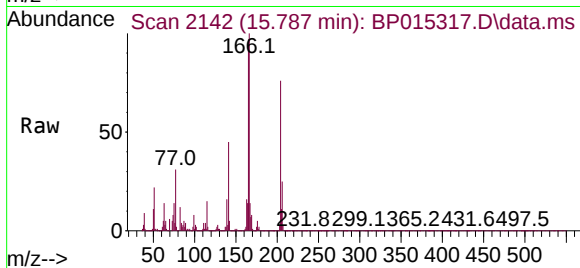
Tgt Ion: 149 Resp: 1307754
Ion Ratio Lower Upper
149 100
177 21.7 17.7 26.5
150 12.5 10.0 15.0





#61
4-Chlorophenyl-phenylether
Concen: 45.516 ng
RT: 15.787 min Scan# 2142
Delta R.T. 0.000 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

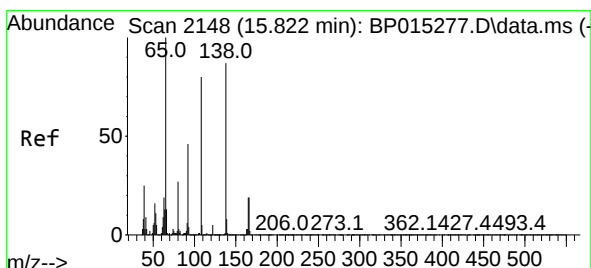
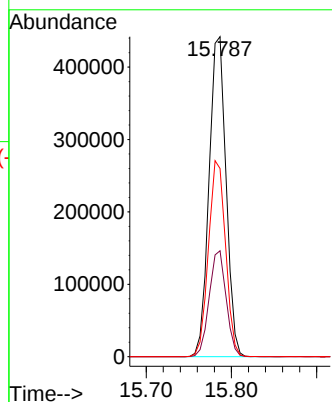
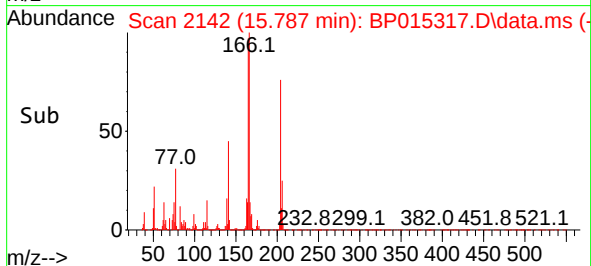
Instrument :
BNA_P
ClientSampleId :
SB17BMSD



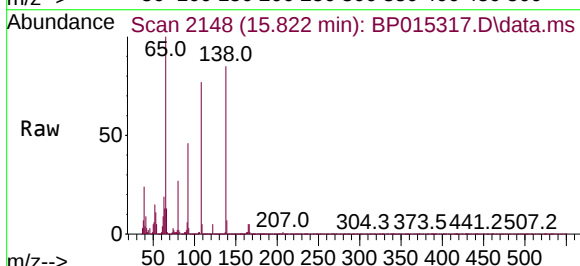
Tgt Ion:204 Resp: 612580
Ion Ratio Lower Upper
204 100
206 33.1 26.4 39.6
141 58.8 49.0 73.4

Manual Integrations
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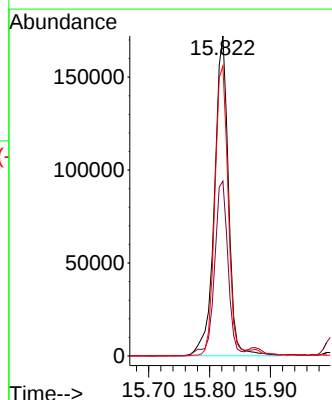
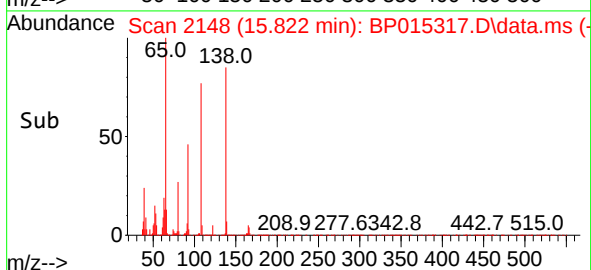
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

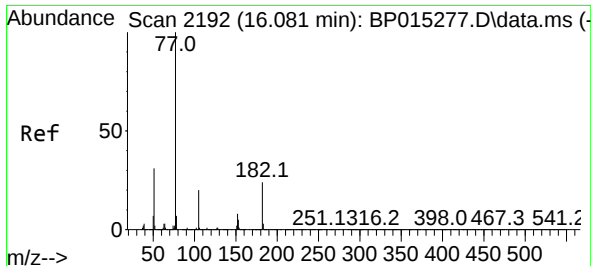


#62
4-Nitroaniline
Concen: 41.946 ng
RT: 15.822 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40



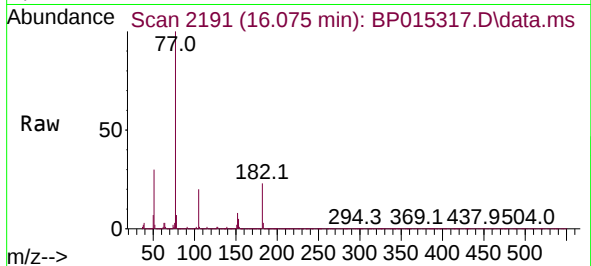
Tgt Ion:138 Resp: 276070
Ion Ratio Lower Upper
138 100
92 54.7 33.1 73.1
108 90.6 71.0 111.0





#63
Azobenzene
Concen: 53.526 ng
RT: 16.075 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

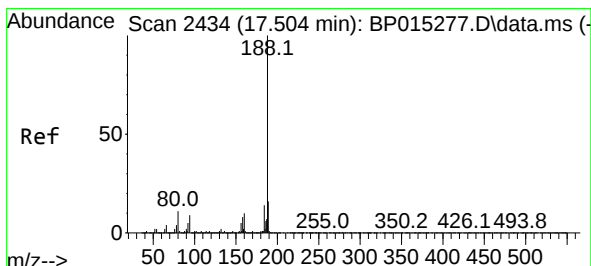
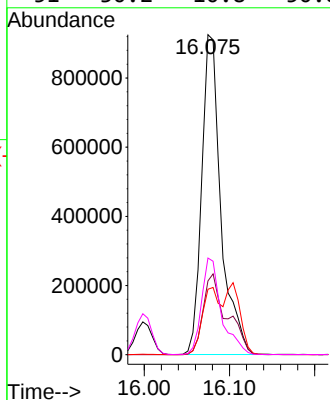
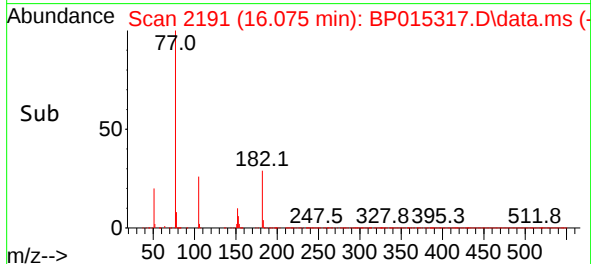
Instrument :
BNA_P
ClientSampleId :
SB17BMSD



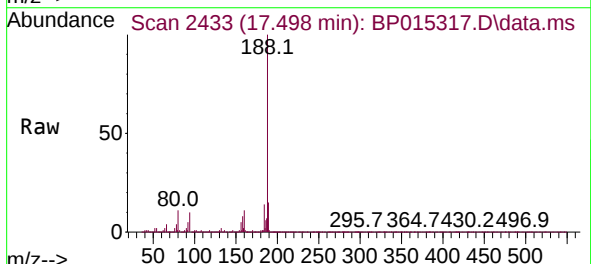
Tgt Ion: 77 Resp: 145344
Ion Ratio Lower Upper
77 100
182 23.1 3.9 43.9
105 20.5 0.3 40.3
51 30.2 10.8 50.8

Manual Integrations
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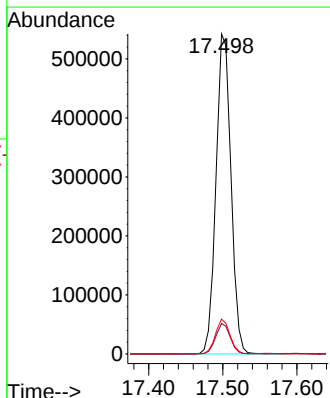
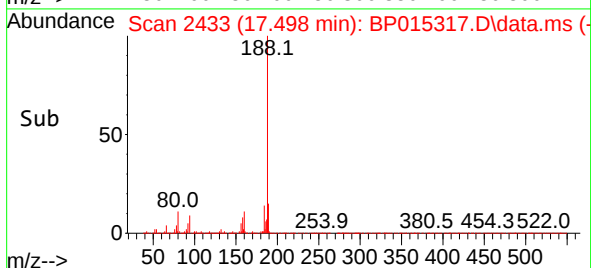
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023

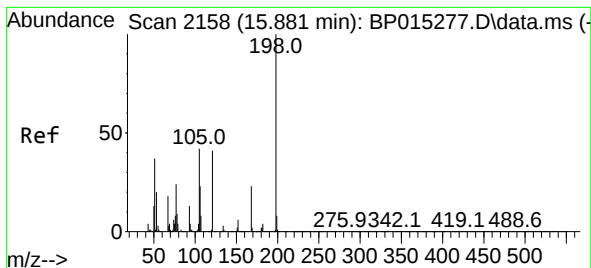


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.498 min Scan# 2433
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40



Tgt Ion:188 Resp: 759883
Ion Ratio Lower Upper
188 100
94 9.5 7.4 11.0
80 10.9 8.6 13.0





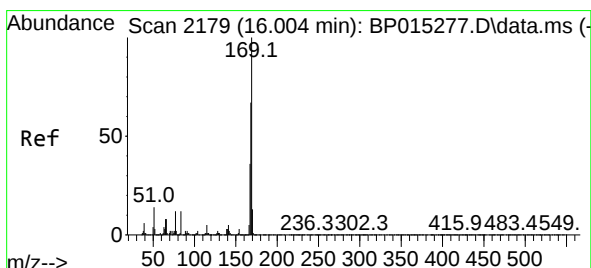
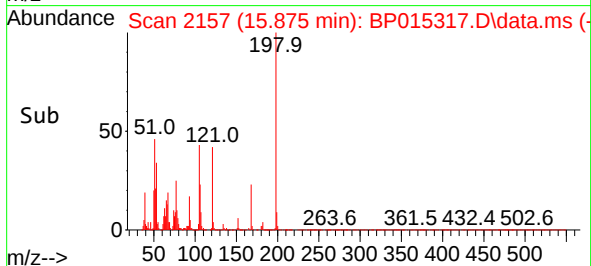
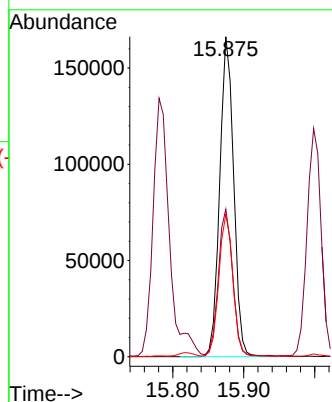
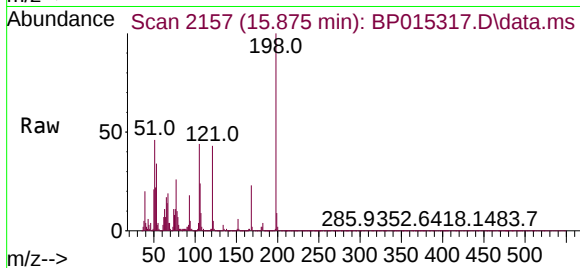
#65
4,6-Dinitro-2-methylphenol
Concen: 48.910 ng
RT: 15.875 min Scan# 2157
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
ClientSampleId :
SB17BMSD

Tgt Ion:198 Resp: 225744
Ion Ratio Lower Upper
198 100
51 46.1 25.4 65.4
105 44.4 23.3 63.3

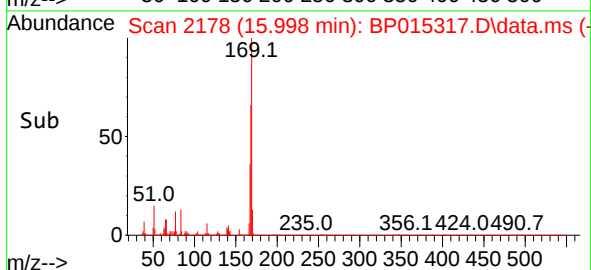
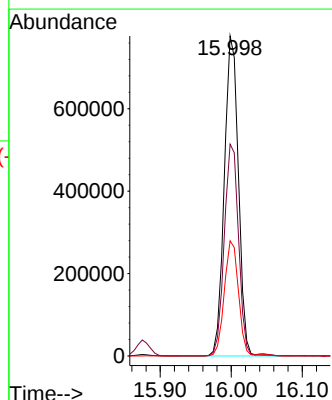
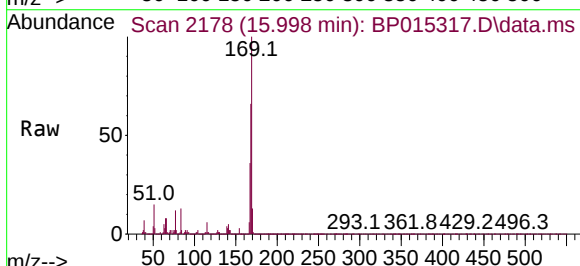
Manual Integrations
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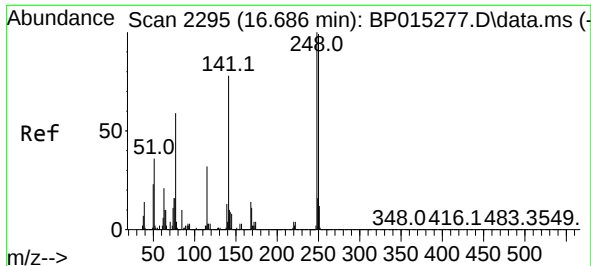
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#66
n-Nitrosodiphenylamine
Concen: 46.946 ng
RT: 15.998 min Scan# 2178
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Tgt Ion:169 Resp: 1063009
Ion Ratio Lower Upper
169 100
168 66.2 53.4 80.2
167 36.0 29.0 43.6





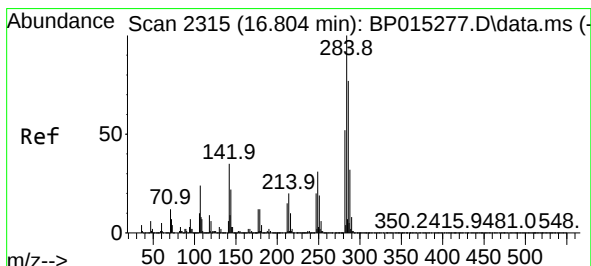
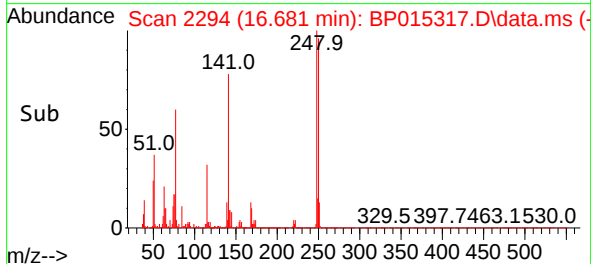
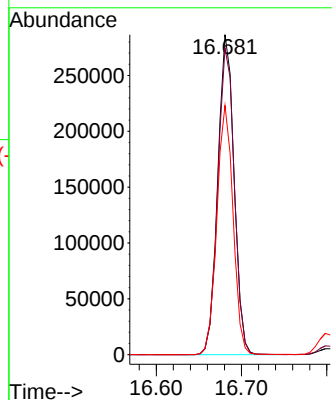
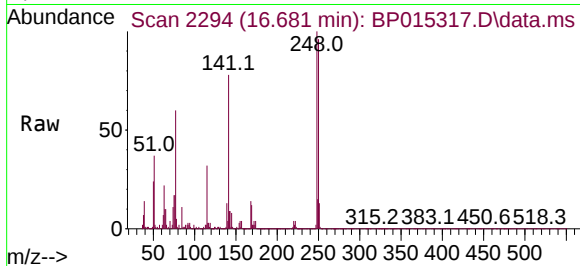
#67
4-Bromophenyl-phenylether
Concen: 46.347 ng
RT: 16.681 min Scan# 2294
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
ClientSampleId :
SB17BMSD

Tgt Ion:248 Resp: 38081
Ion Ratio Lower Upper
248 100
250 95.8 79.0 118.4
141 77.9 62.4 93.6

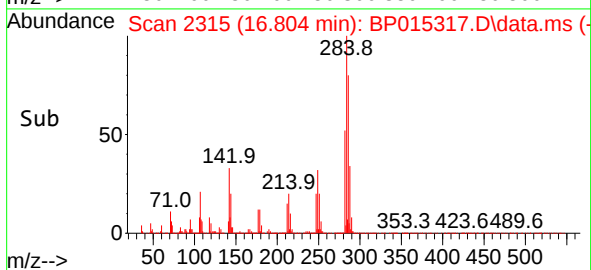
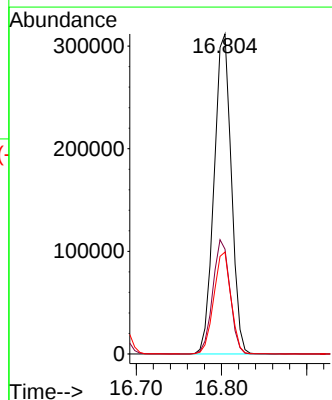
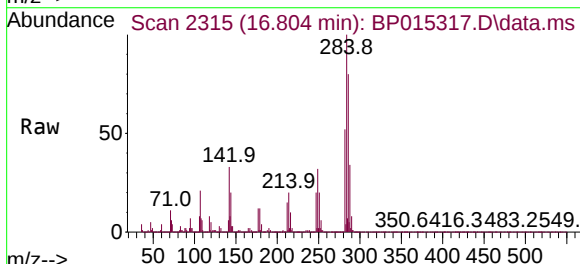
Manual Integrations
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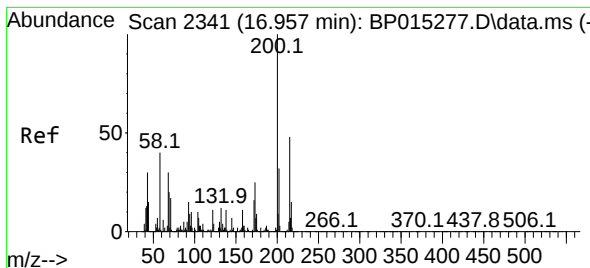
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#68
Hexachlorobenzene
Concen: 48.511 ng
RT: 16.804 min Scan# 2315
Delta R.T. 0.000 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Tgt Ion:284 Resp: 438952
Ion Ratio Lower Upper
284 100
142 32.7 28.2 42.2
249 31.9 25.0 37.6





#69

Atrazine

Concen: 55.141 ng

RT: 16.951 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

Instrument :

BNA_P

ClientSampleId :

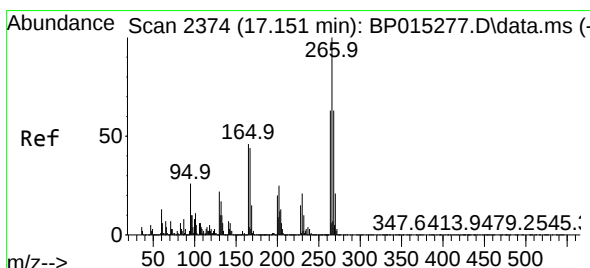
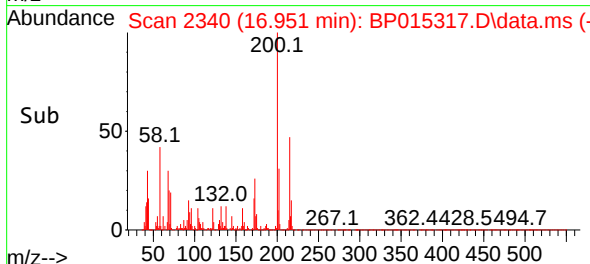
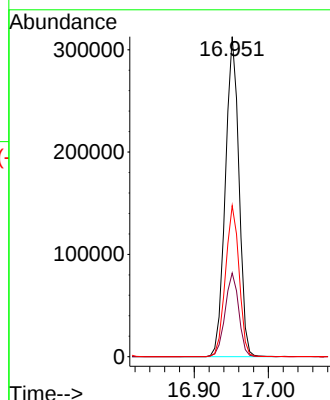
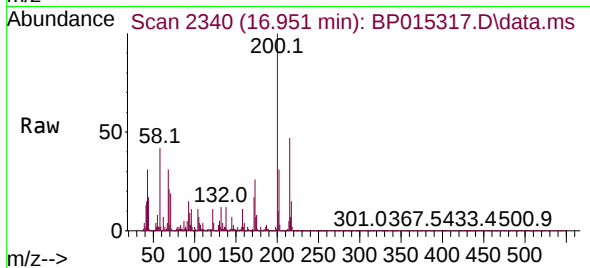
SB17BMSD

Tgt Ion:200 Resp: 398672
 Ion Ratio Lower Upper
 200 100
 173 26.2 4.7 44.7
 215 47.2 27.5 67.5

Manual Integrations

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Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023



#70

Pentachlorophenol

Concen: 89.302 ng

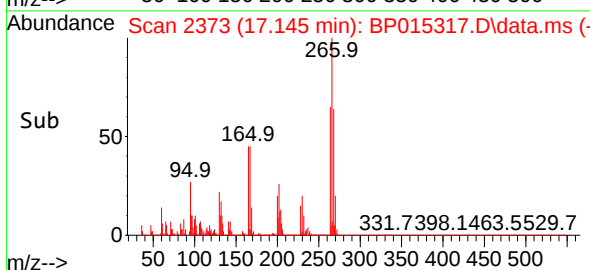
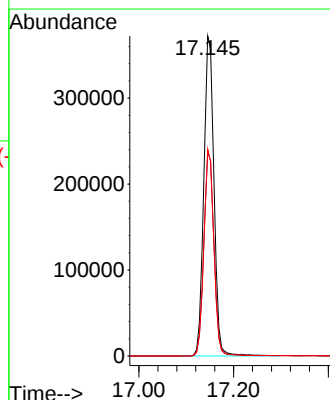
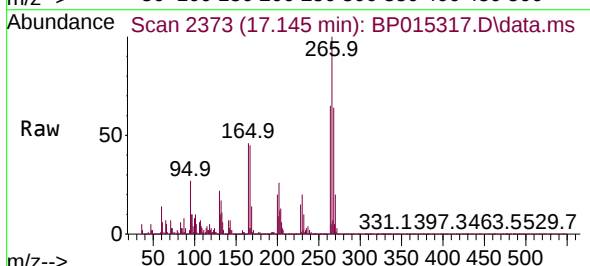
RT: 17.145 min Scan# 2373

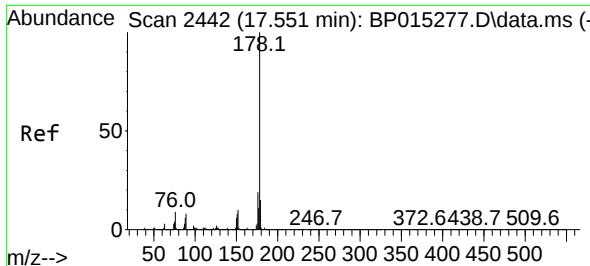
Delta R.T. -0.006 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

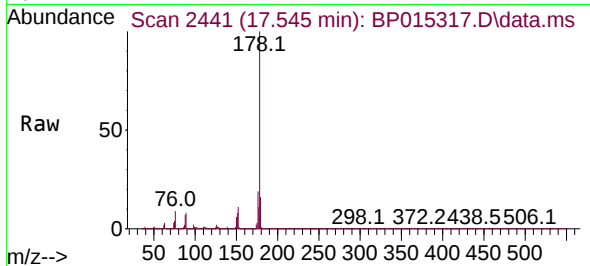
Tgt Ion:266 Resp: 553750
 Ion Ratio Lower Upper
 266 100
 268 63.7 50.0 75.0
 264 64.7 50.4 75.6





#71
Phenanthrene
Concen: 46.901 ng
RT: 17.545 min Scan# 2441
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

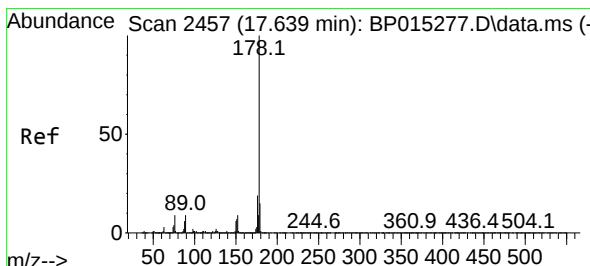
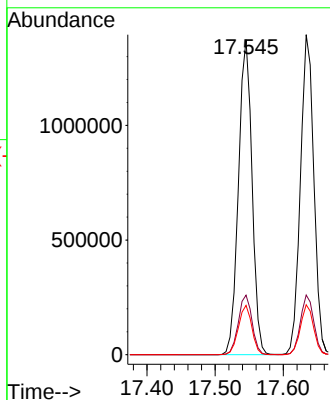
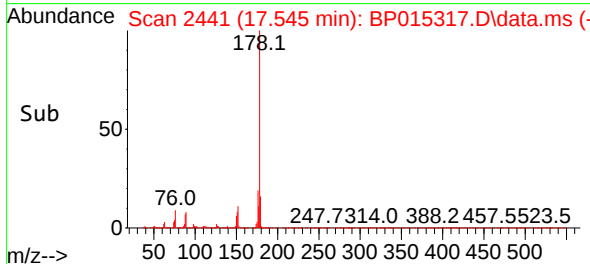
Instrument :
BNA_P
ClientSampleId :
SB17BMSD



Tgt Ion:178 Resp: 1899469
Ion Ratio Lower Upper
178 100
176 18.9 15.3 22.9
179 15.6 12.3 18.5

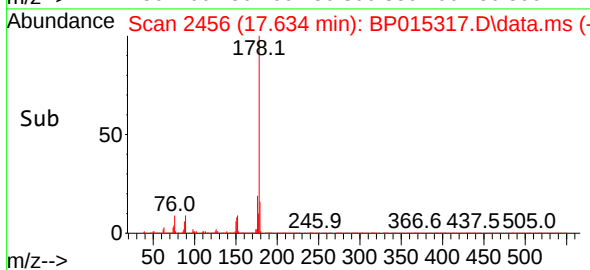
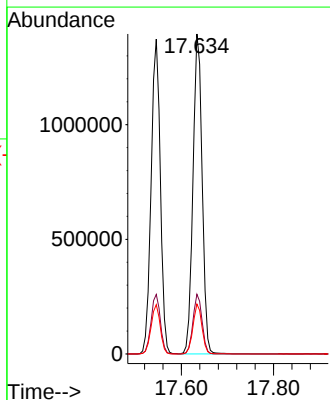
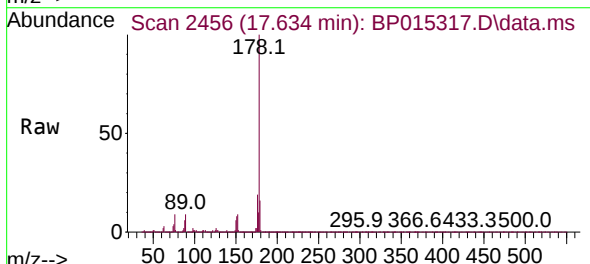
Manual Integrations
APPROVED

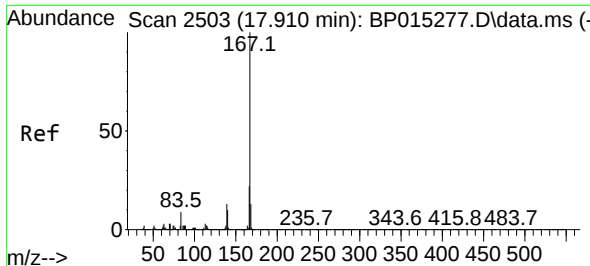
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#72
Anthracene
Concen: 47.403 ng
RT: 17.634 min Scan# 2456
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

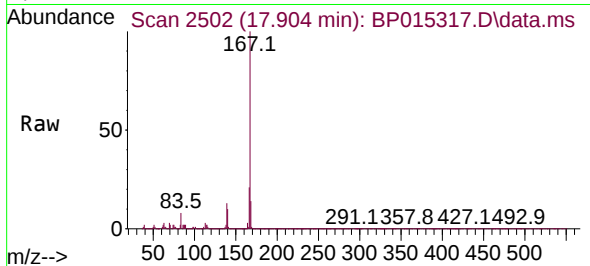
Tgt Ion:178 Resp: 1922712
Ion Ratio Lower Upper
178 100
176 18.7 15.1 22.7
179 15.6 12.2 18.4





#73
 Carbazole
 Concen: 48.806 ng
 RT: 17.904 min Scan# 2502
 Delta R.T. -0.006 min
 Lab File: BP015317.D
 Acq: 26 May 2023 19:40

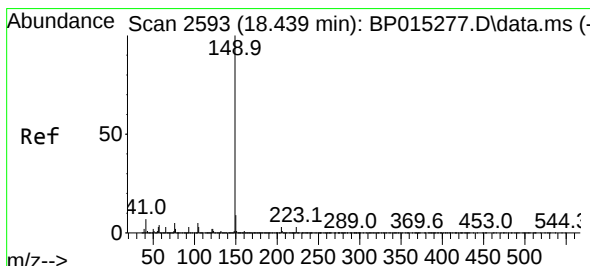
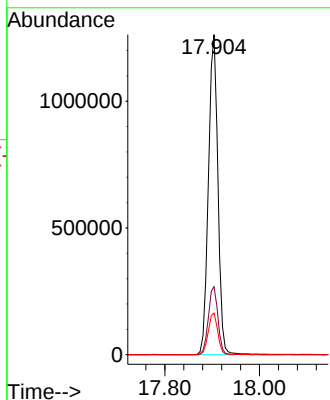
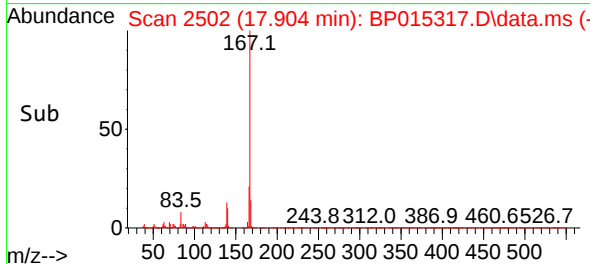
Instrument :
 BNA_P
 ClientSampleId :
 SB17BMSD



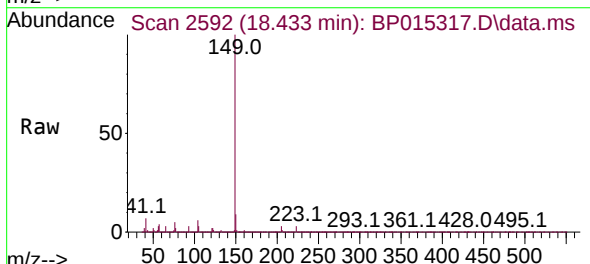
Tgt Ion:167 Resp: 1752954
 Ion Ratio Lower Upper
 167 100
 166 21.3 17.4 26.0
 139 13.0 10.2 15.2

Manual Integrations
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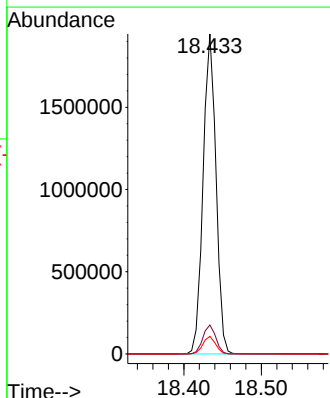
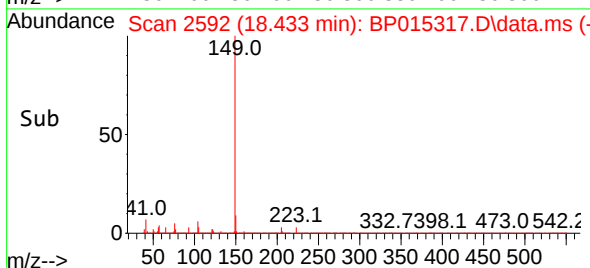
Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023

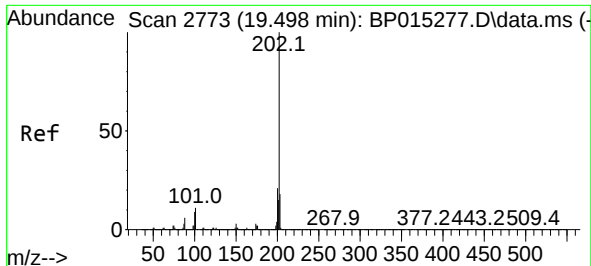


#74
 Di-n-butylphthalate
 Concen: 48.641 ng
 RT: 18.433 min Scan# 2592
 Delta R.T. -0.006 min
 Lab File: BP015317.D
 Acq: 26 May 2023 19:40



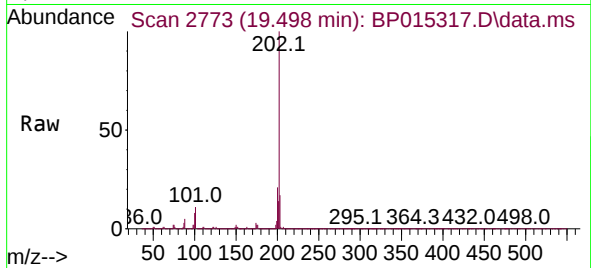
Tgt Ion:149 Resp: 2243539
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.5 4.4 6.6





#75
Fluoranthene
Concen: 46.605 ng
RT: 19.498 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

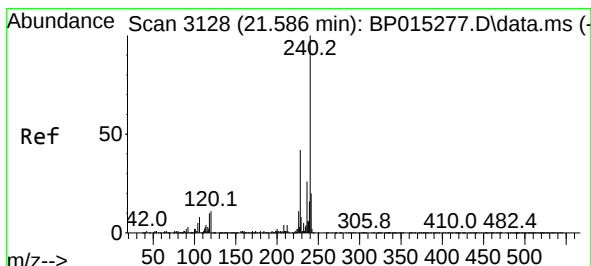
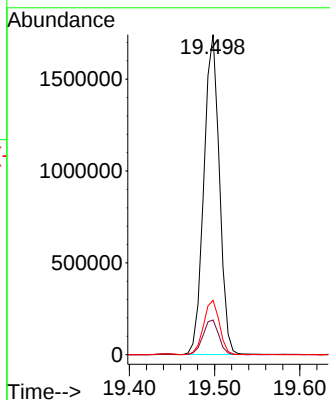
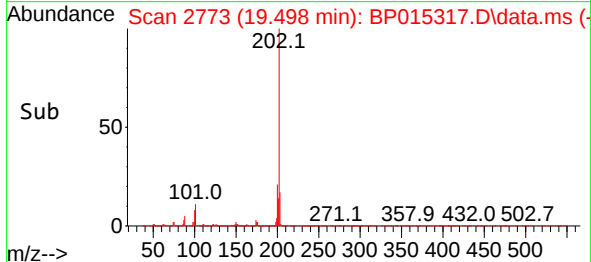
Instrument :
BNA_P
ClientSampleId :
SB17BMSD



Tgt Ion:202 Resp: 2204980
Ion Ratio Lower Upper
202 100
101 10.9 0.0 31.4
203 17.0 0.0 37.6

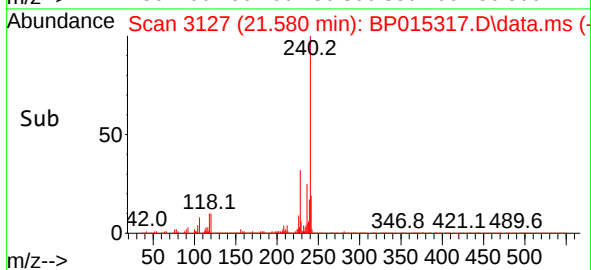
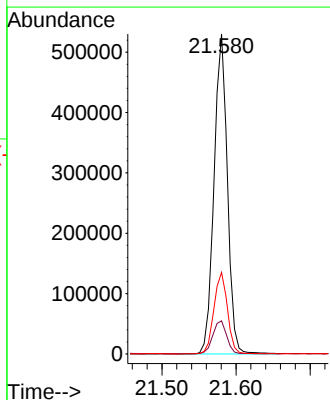
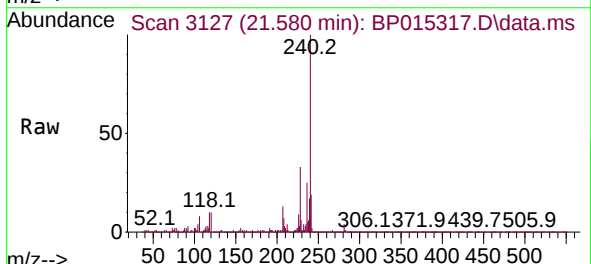
Manual Integrations
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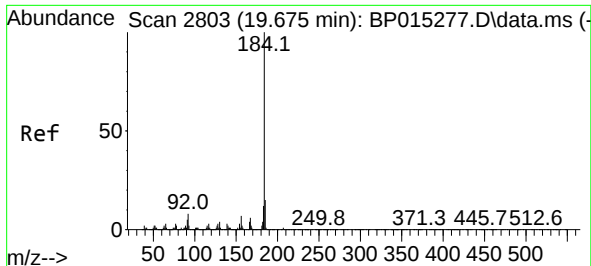
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.580 min Scan# 3127
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

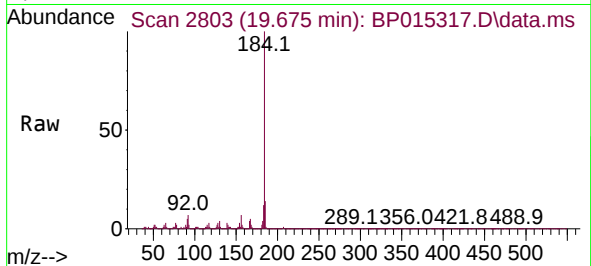
Tgt Ion:240 Resp: 661498
Ion Ratio Lower Upper
240 100
120 10.3 8.8 13.2
236 25.5 20.5 30.7





#77
Benzidine
Concen: 117.873 ng
RT: 19.675 min Scan# 2803
Delta R.T. 0.000 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

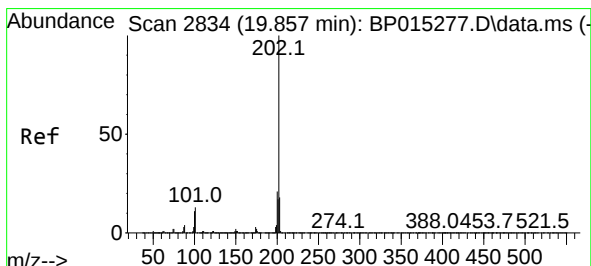
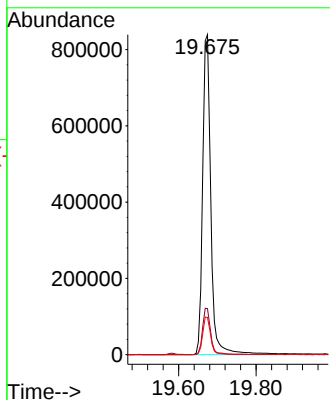
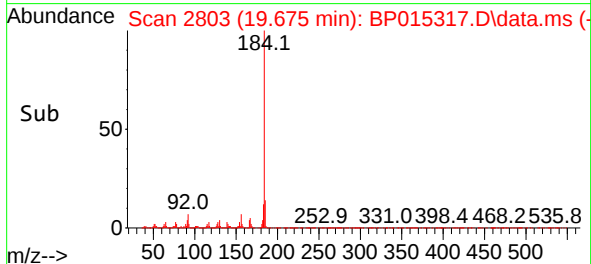
Instrument :
BNA_P
ClientSampleId :
SB17BMSD



Tgt Ion:184 Resp: 1234724
Ion Ratio Lower Upper
184 100
185 14.4 11.6 17.4
183 11.6 9.4 14.0

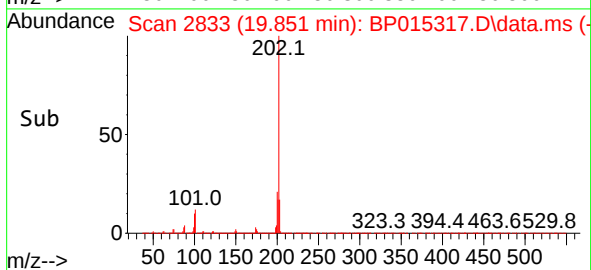
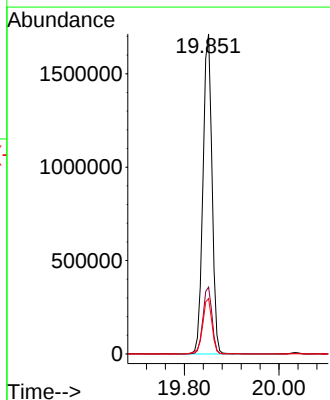
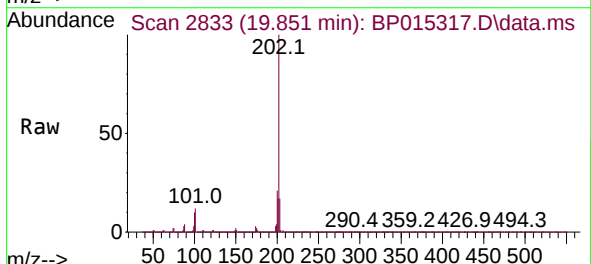
Manual Integrations
APPROVED

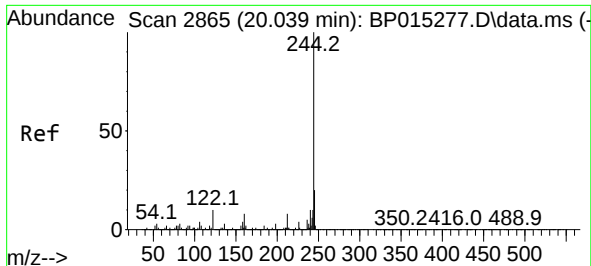
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#78
Pyrene
Concen: 48.105 ng
RT: 19.851 min Scan# 2833
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Tgt Ion:202 Resp: 2276816
Ion Ratio Lower Upper
202 100
200 20.9 17.1 25.7
203 17.3 14.2 21.2





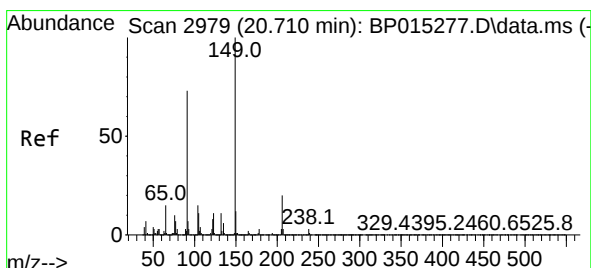
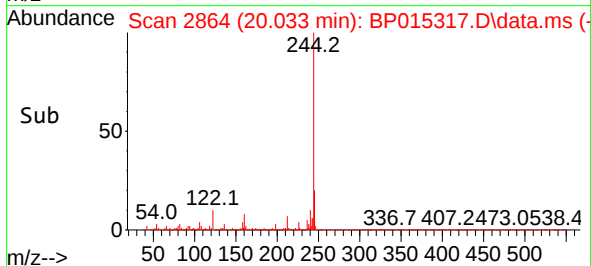
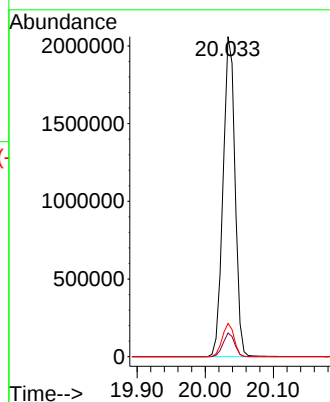
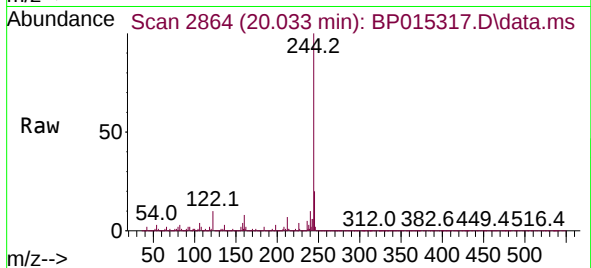
#79
 Terphenyl-d14
 Concen: 71.458 ng
 RT: 20.033 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BP015317.D
 Acq: 26 May 2023 19:40

Instrument :
 BNA_P
 ClientSampleId :
 SB17BMSD

Tgt Ion:244 Resp: 251305
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.0 9.0
 122 10.4 8.2 12.4

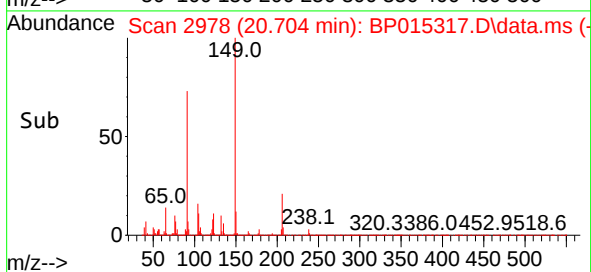
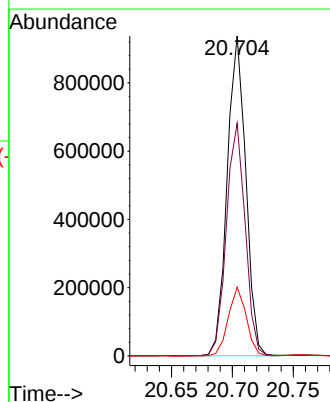
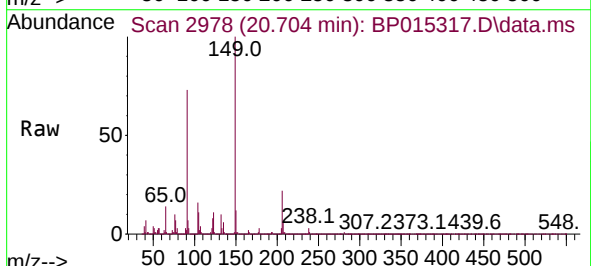
Manual Integrations
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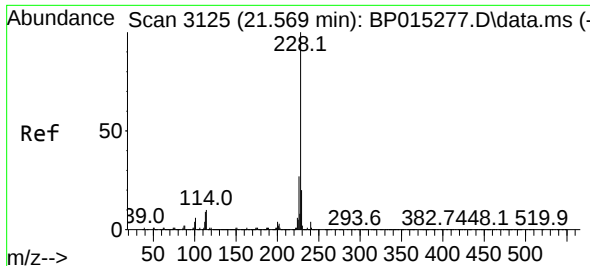
Reviewed By :Christian Giraldo 05/30/2023
 Supervised By :Jagrut Upadhyay 05/31/2023



#80
 Butylbenzylphthalate
 Concen: 49.607 ng
 RT: 20.704 min Scan# 2978
 Delta R.T. -0.006 min
 Lab File: BP015317.D
 Acq: 26 May 2023 19:40

Tgt Ion:149 Resp: 994994
 Ion Ratio Lower Upper
 149 100
 91 72.8 58.2 87.2
 206 21.5 16.2 24.4





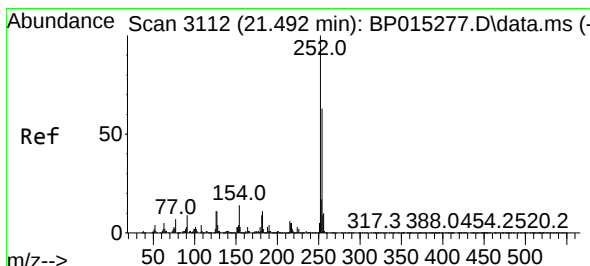
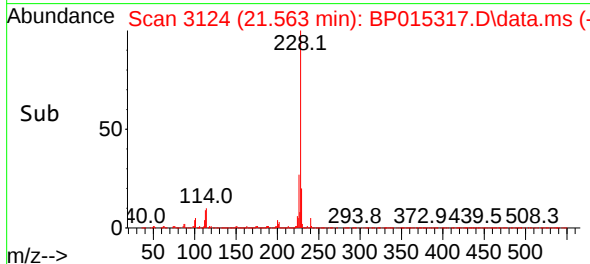
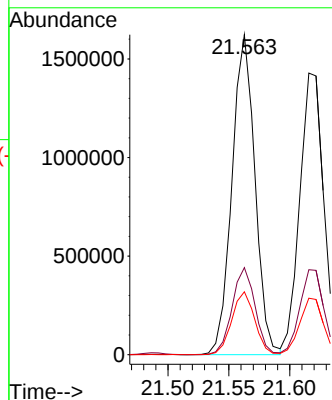
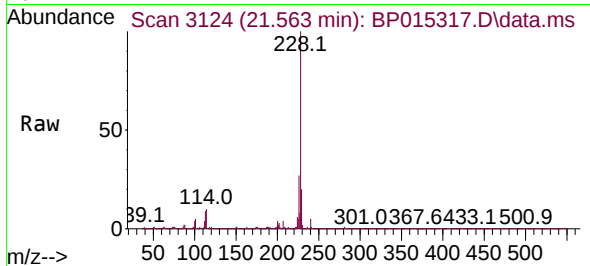
#81
Benzo(a)anthracene
Concen: 46.376 ng
RT: 21.563 min Scan# 3112
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Instrument :
BNA_P
ClientSampleId :
SB17BMSD

Tgt Ion:228 Resp: 213152
Ion Ratio Lower Upper
228 100
226 27.2 21.7 32.5
229 19.6 15.8 23.8

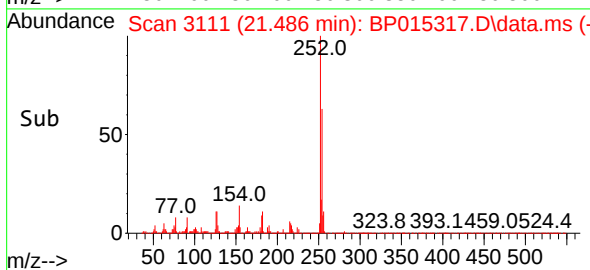
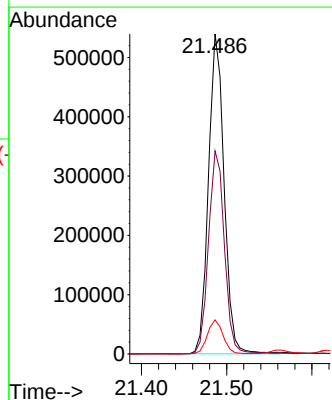
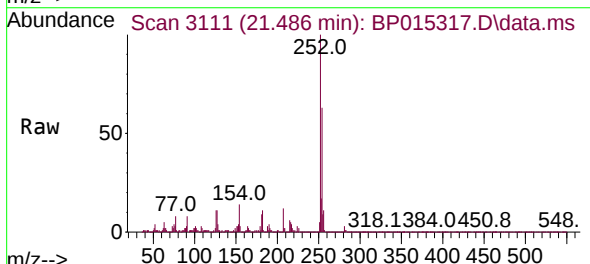
Manual Integrations
APPROVED

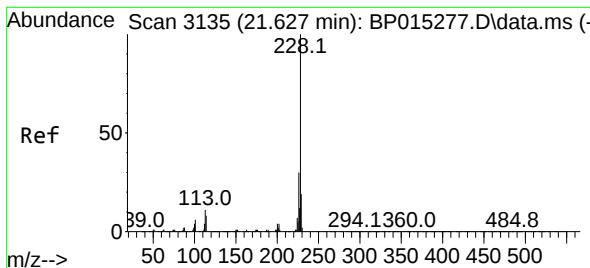
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#82
3,3'-Dichlorobenzidine
Concen: 48.378 ng
RT: 21.486 min Scan# 3111
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Tgt Ion:252 Resp: 686781
Ion Ratio Lower Upper
252 100
254 63.5 50.7 76.1
126 10.6 8.7 13.1





#83

Chrysene

Concen: 44.555 ng

RT: 21.616 min Scan# 3135

Delta R.T. -0.012 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

Instrument :

BNA_P

ClientSampleId :

SB17BMSD

Tgt Ion:228 Resp: 1963629

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.6

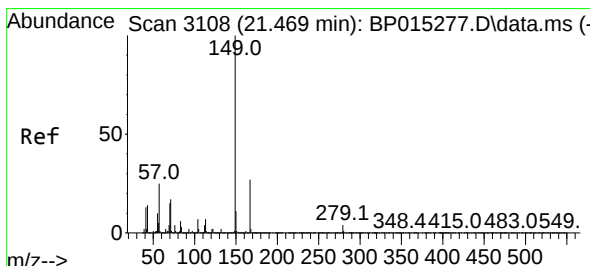
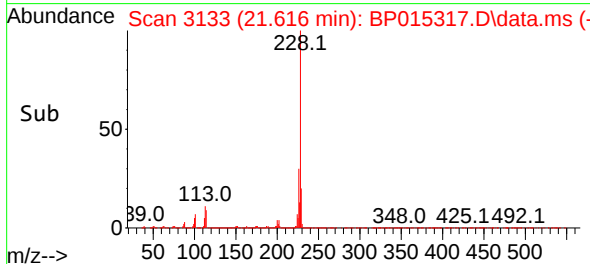
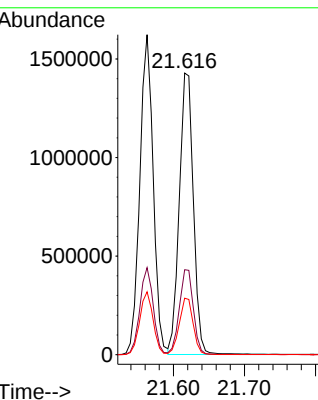
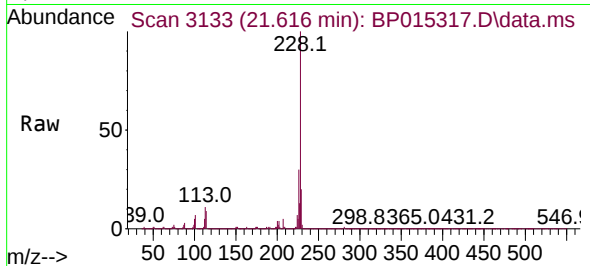
229 20.1 15.5 23.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#84

Bis(2-ethylhexyl)phthalate

Concen: 49.743 ng

RT: 21.463 min Scan# 3107

Delta R.T. -0.006 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

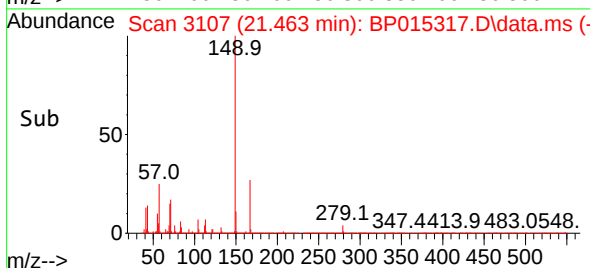
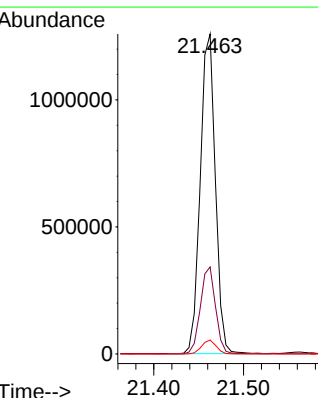
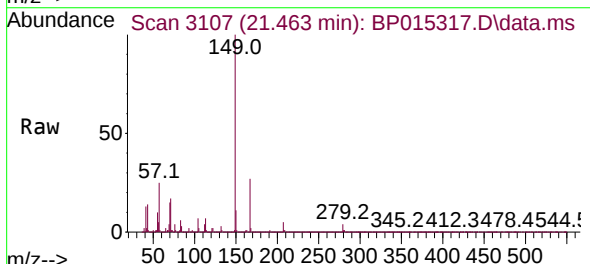
Tgt Ion:149 Resp: 1469458

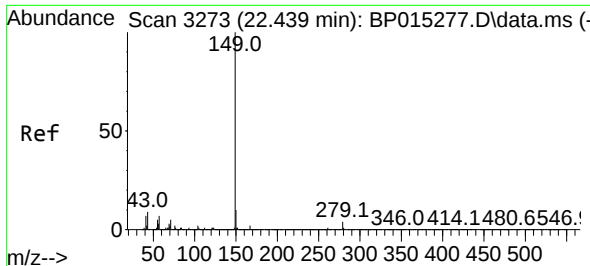
Ion Ratio Lower Upper

149 100

167 27.2 21.6 32.4

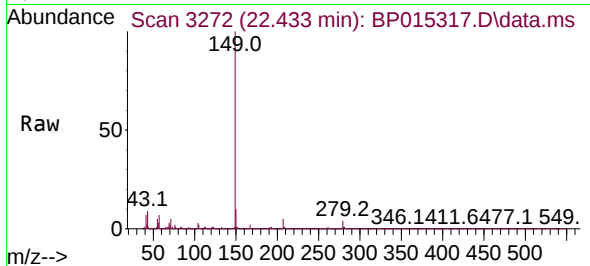
279 4.4 3.5 5.3





#85
Di-n-octyl phthalate
Concen: 49.226 ng
RT: 22.433 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

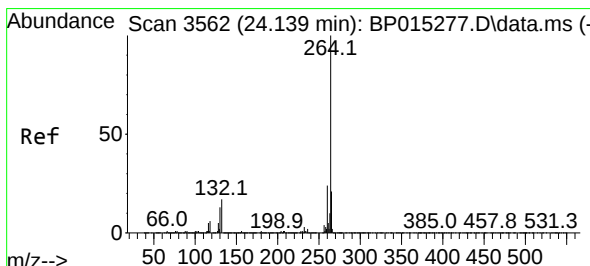
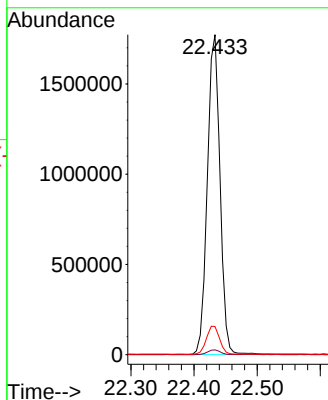
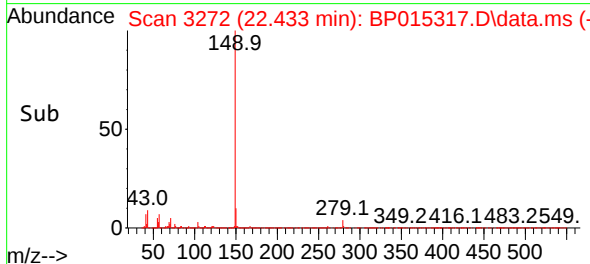
Instrument :
BNA_P
ClientSampleId :
SB17BMSD



Tgt Ion:149 Resp: 2460049
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 9.2 7.3 10.9

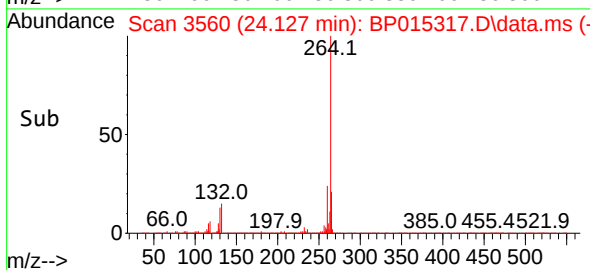
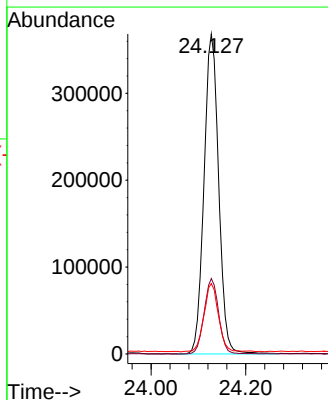
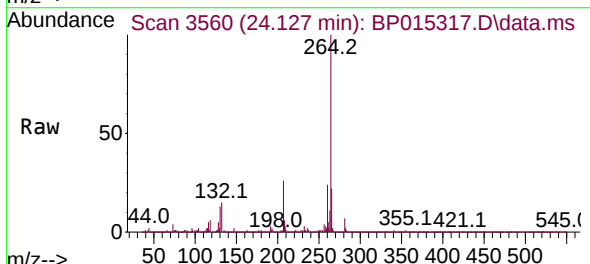
Manual Integrations
APPROVED

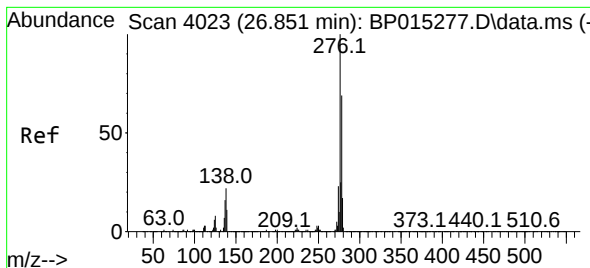
Reviewed By :Christian Giraldo 05/30/2023
Supervised By :Jagrut Upadhyay 05/31/2023



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.127 min Scan# 3560
Delta R.T. -0.012 min
Lab File: BP015317.D
Acq: 26 May 2023 19:40

Tgt Ion:264 Resp: 789980
Ion Ratio Lower Upper
264 100
260 23.6 19.0 28.6
265 22.0 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.132 ng

RT: 26.827 min Scan# 4019

Delta R.T. -0.024 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

Instrument :

BNA_P

ClientSampleId :

SB17BMSD

Tgt Ion:276 Resp: 298498

Ion Ratio Lower Upper

276 100

138 23.1 19.0 28.6

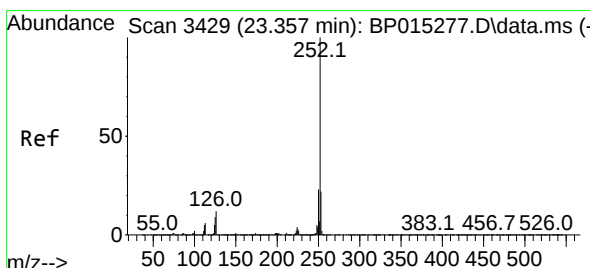
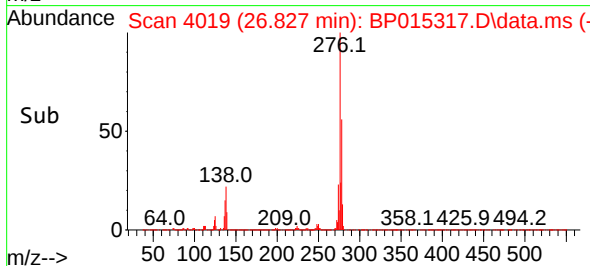
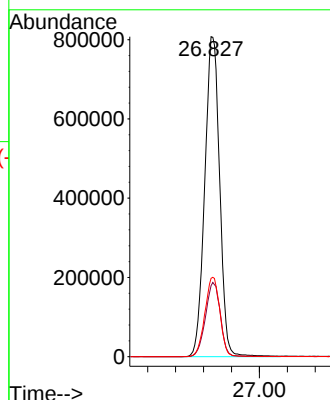
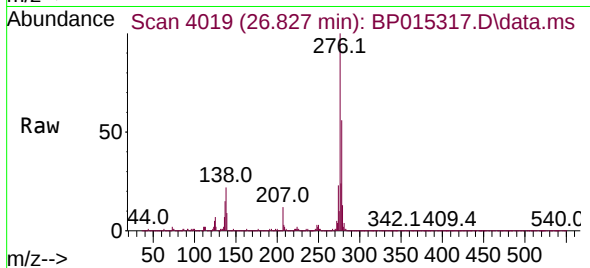
277 24.8 20.2 30.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#88

Benzo(b)fluoranthene

Concen: 46.853 ng

RT: 23.345 min Scan# 3427

Delta R.T. -0.012 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

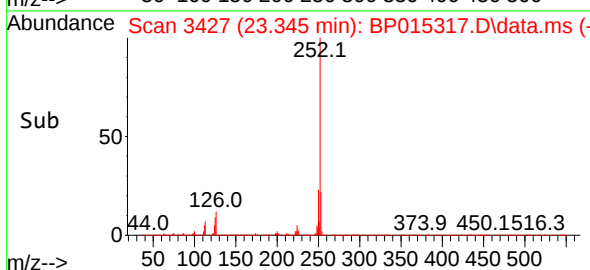
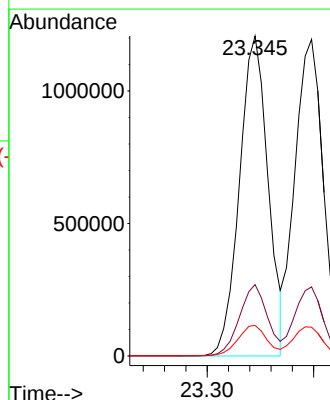
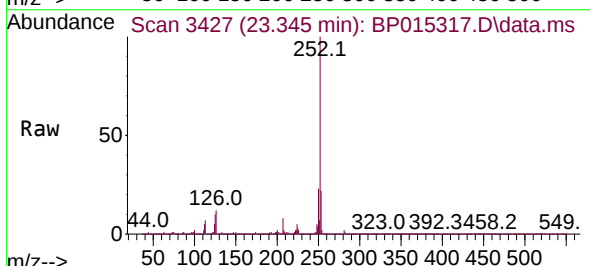
Tgt Ion:252 Resp: 2250372

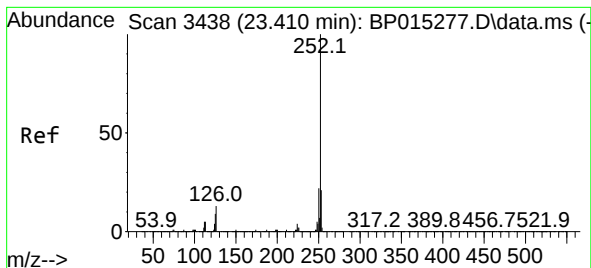
Ion Ratio Lower Upper

252 100

253 22.3 17.4 26.2

125 9.5 7.2 10.8





#89

Benzo(k)fluoranthene

Concen: 45.727 ng

RT: 23.398 min Scan# 3438

Delta R.T. -0.012 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

Instrument :

BNA_P

ClientSampleId :

SB17BMSD

Tgt Ion:252 Resp: 221162

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

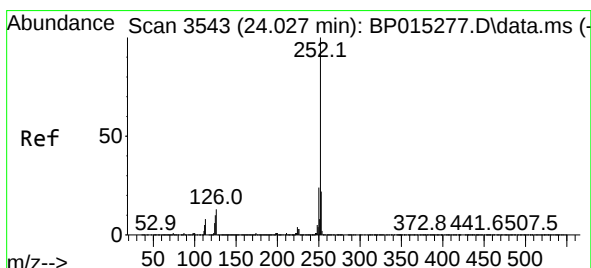
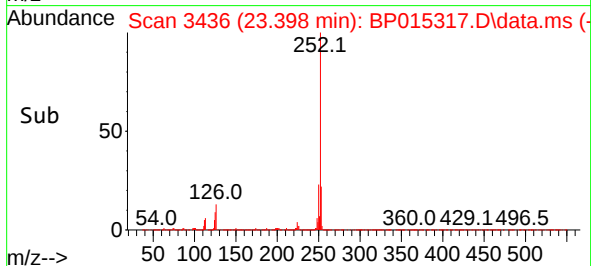
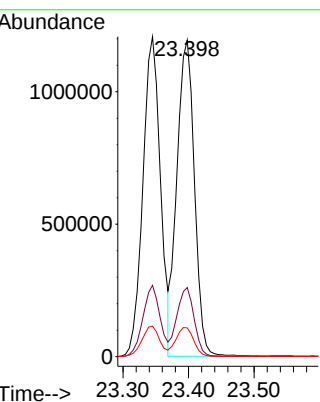
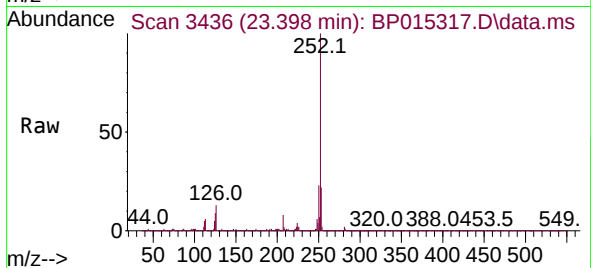
125 9.1 7.4 11.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#90

Benzo(a)pyrene

Concen: 43.931 ng

RT: 24.016 min Scan# 3541

Delta R.T. -0.012 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

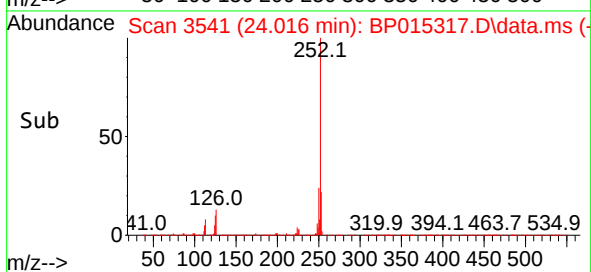
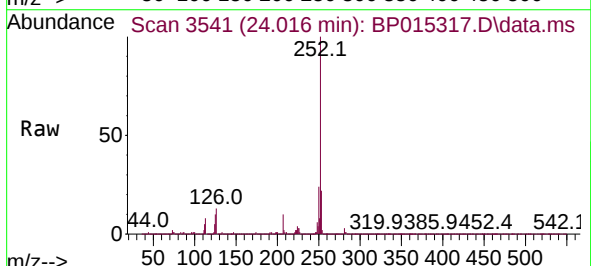
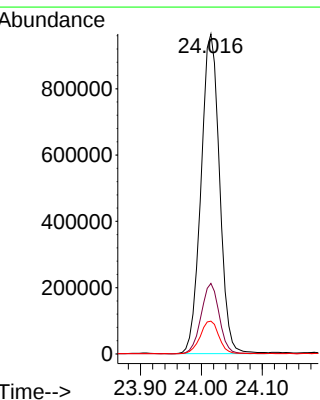
Tgt Ion:252 Resp: 2037212

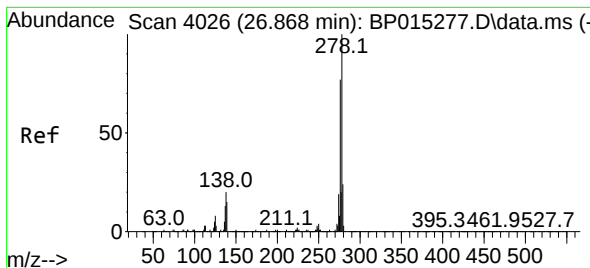
Ion Ratio Lower Upper

252 100

253 22.1 17.4 26.2

125 10.2 8.4 12.6





#91

Dibenzo(a,h)anthracene

Concen: 51.775 ng

RT: 26.851 min Scan# 4023

Delta R.T. -0.018 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

Instrument :

BNA_P

ClientSampleId :

SB17BMSD

Tgt Ion:278 Resp: 2434580

Ion Ratio Lower Upper

278 100

139 14.4 12.3 18.5

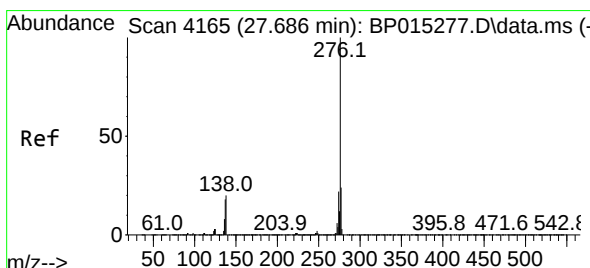
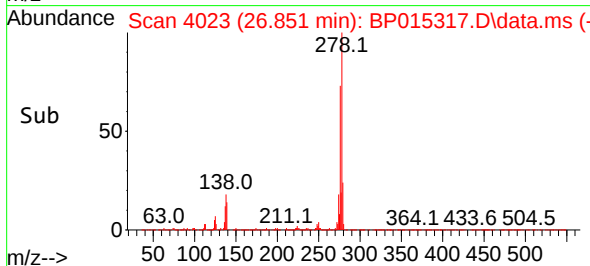
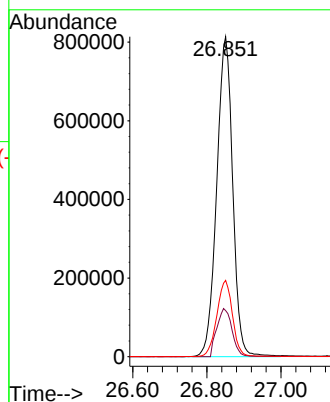
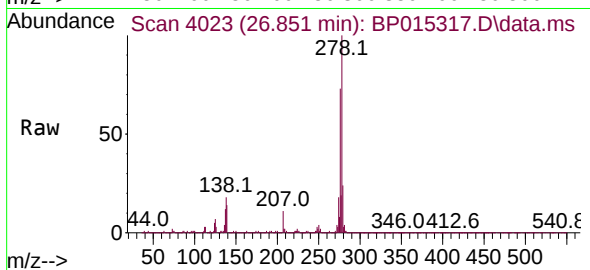
279 23.8 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 05/30/2023

Supervised By :Jagrut Upadhyay 05/31/2023



#92

Benzo(g,h,i)perylene

Concen: 52.647 ng

RT: 27.668 min Scan# 4162

Delta R.T. -0.018 min

Lab File: BP015317.D

Acq: 26 May 2023 19:40

Tgt Ion:276 Resp: 2515447

Ion Ratio Lower Upper

276 100

277 23.3 19.0 28.6

138 21.0 16.2 24.2

