

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092322\
 Data File : BP011788.D
 Acq On : 23 Sep 2022 18:10
 Operator : CG/JU
 Sample : N4780-01MSD
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SP-1MSD

Quant Time: Sep 24 01:36:43 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Sep 22 02:45:14 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 09/26/2022
 Supervised By :Jagrut Upadhyay 09/26/2022

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.916	152	493307	20.000	ng	0.00
21) Naphthalene-d8	10.728	136	2018558	20.000	ng	0.00
39) Acenaphthene-d10	14.563	164	1081608	20.000	ng	0.00
64) Phenanthrene-d10	17.316	188	1999137	20.000	ng	0.00
76) Chrysene-d12	21.404	240	1494338	20.000	ng	0.00
86) Perylene-d12	23.845	264	1125033	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3423324	121.761	ng	0.00
7) Phenol-d6	7.081	99	4543457	109.294	ng	0.00
23) Nitrobenzene-d5	9.087	82	2709152	70.247	ng	0.00
42) 2,4,6-Tribromophenol	16.057	330	876781	120.388	ng	0.00
45) 2-Fluorobiphenyl	13.187	172	5056111	73.924	ng	0.00
79) Terphenyl-d14	19.875	244	5467956	84.135	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.358	88	502643	42.521	ng	94
3) Pyridine	3.764	79	1441156	39.503	ng	93
4) n-Nitrosodimethylamine	3.670	42	623293	38.634	ng	# 88
6) Aniline	7.246	93	2168943	41.942	ng	99
8) 2-Chlorophenol	7.481	128	1702175	49.763	ng	97
9) Benzaldehyde	7.052	77	1027992m	39.526	ng	
10) Phenol	7.111	94	2231502	47.654	ng	99
11) bis(2-Chloroethyl)ether	7.340	93	1674251	45.168	ng	98
12) 1,3-Dichlorobenzene	7.805	146	1771795	49.294	ng	99
13) 1,4-Dichlorobenzene	7.952	146	1793326	48.689	ng	100
14) 1,2-Dichlorobenzene	8.269	146	1732360	48.076	ng	99
15) Benzyl Alcohol	8.163	79	1363344m	44.387	ng	
16) 2,2'-oxybis(1-Chloropr...	8.452	45	2536172	41.423	ng	98
17) 2-Methylphenol	8.363	107	1413321	46.048	ng	99
18) Hexachloroethane	8.999	117	677831	48.068	ng	98
19) n-Nitroso-di-n-propyla...	8.734	70	1227020	40.149	ng	97
20) 3+4-Methylphenols	8.693	107	1882197	43.677	ng	99
22) Acetophenone	8.752	105	2488042	49.069	ng	# 97
24) Nitrobenzene	9.128	77	1862731	46.747	ng	97
25) Isophorone	9.657	82	3416074	47.216	ng	99
26) 2-Nitrophenol	9.840	139	810987	50.229	ng	96
27) 2,4-Dimethylphenol	9.899	122	1528613	59.822	ng	99
28) bis(2-Chloroethoxy)met...	10.140	93	2172120	51.516	ng	99
29) 2,4-Dichlorophenol	10.375	162	1431134	52.345	ng	99
30) 1,2,4-Trichlorobenzene	10.593	180	1424062	50.022	ng	99
31) Naphthalene	10.781	128	4973661	46.476	ng	100
32) Benzoic acid	10.063	122	987905	45.553	ng	96
33) 4-Chloroaniline	10.893	127	870379	19.508	ng	100
34) Hexachlorobutadiene	11.063	225	744924	51.879	ng	98
35) Caprolactam	11.699	113	473373m	42.602	ng	
36) 4-Chloro-3-methylphenol	12.016	107	1553841	46.827	ng	99
37) 2-Methylnaphthalene	12.387	142	3342967	45.234	ng	100
38) 1-Methylnaphthalene	12.604	142	3188736	43.815	ng	100
40) 1,2,4,5-Tetrachloroben...	12.751	216	1423558	58.400	ng	99
41) Hexachlorocyclopentadiene	12.734	237	1853320	155.029	ng	98
43) 2,4,6-Trichlorophenol	12.993	196	985498	55.852	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.063	196	1069295	52.725	ng	99
46) 1,1'-Biphenyl	13.398	154	4183673	53.238	ng	99
47) 2-Chloronaphthalene	13.440	162	3116007	51.120	ng	99
48) 2-Nitroaniline	13.645	65	1023478	47.094	ng	95
49) Acenaphthylene	14.287	152	4992020	49.340	ng	100
50) Dimethylphthalate	14.022	163	3671936	46.301	ng	100
51) 2,6-Dinitrotoluene	14.140	165	801213	48.933	ng	99
52) Acenaphthene	14.628	154	2989678	48.180	ng	100
53) 3-Nitroaniline	14.469	138	709729	35.391	ng	99
54) 2,4-Dinitrophenol	14.675	184	859942	97.807	ng	96
55) Dibenzofuran	14.963	168	4452647	46.817	ng	100
56) 4-Nitrophenol	14.781	139	1575715	94.616	ng	96
57) 2,4-Dinitrotoluene	14.928	165	1079458	44.576	ng	95
58) Fluorene	15.610	166	3665810	45.432	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.187	232	790088m	47.714	ng	
60) Diethylphthalate	15.387	149	3755060	45.348	ng	99
61) 4-Chlorophenyl-phenyle...	15.604	204	1645636	48.781	ng	99
62) 4-Nitroaniline	15.640	138	915435	39.488	ng	97
63) Azobenzene	15.898	77	3988761	43.992	ng	99
65) 4,6-Dinitro-2-methylph...	15.692	198	481278	47.560	ng	93
66) n-Nitrosodiphenylamine	15.822	169	3071857	51.569	ng	98
67) 4-Bromophenyl-phenylether	16.504	248	890123	54.294	ng	96
68) Hexachlorobenzene	16.616	284	920450	52.840	ng	98
69) Atrazine	16.781	200	978722	56.739	ng	99
70) Pentachlorophenol	16.963	266	1191519	94.250	ng	99
71) Phenanthrene	17.363	178	5316280	47.149	ng	100
72) Anthracene	17.451	178	5378503	49.874	ng	100
73) Carbazole	17.722	167	5060616	47.914	ng	100
74) Di-n-butylphthalate	18.269	149	6358096	49.976	ng	99
75) Fluoranthene	19.322	202	5554220	45.312	ng	100
77) Benzidine	19.504	184	3617915	124.746	ng	99
78) Pyrene	19.675	202	5746632	57.551	ng	99
80) Butylbenzylphthalate	20.551	149	2562243	52.488	ng	93
81) Benzo(a)anthracene	21.386	228	4864986	49.343	ng	100
82) 3,3'-Dichlorobenzidine	21.322	252	1168675	40.643	ng	100
83) Chrysene	21.439	228	4419269	47.304	ng	99
84) Bis(2-ethylhexyl)phtha...	21.310	149	3855322	53.755	ng	100
85) Di-n-octyl phthalate	22.251	149	5927006	52.023	ng	97
87) Indeno(1,2,3-cd)pyrene	26.410	276	3341906	37.963	ng	100
88) Benzo(b)fluoranthene	23.104	252	4097608	58.663	ng	99
89) Benzo(k)fluoranthene	23.151	252	3913489	54.679	ng	99
90) Benzo(a)pyrene	23.739	252	3335067	56.433	ng	99
91) Dibenzo(a,h)anthracene	26.427	278	2923720	40.002	ng	98
92) Benzo(g,h,i)perylene	27.192	276	2751436	38.889	ng	99

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

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Manual Integrations

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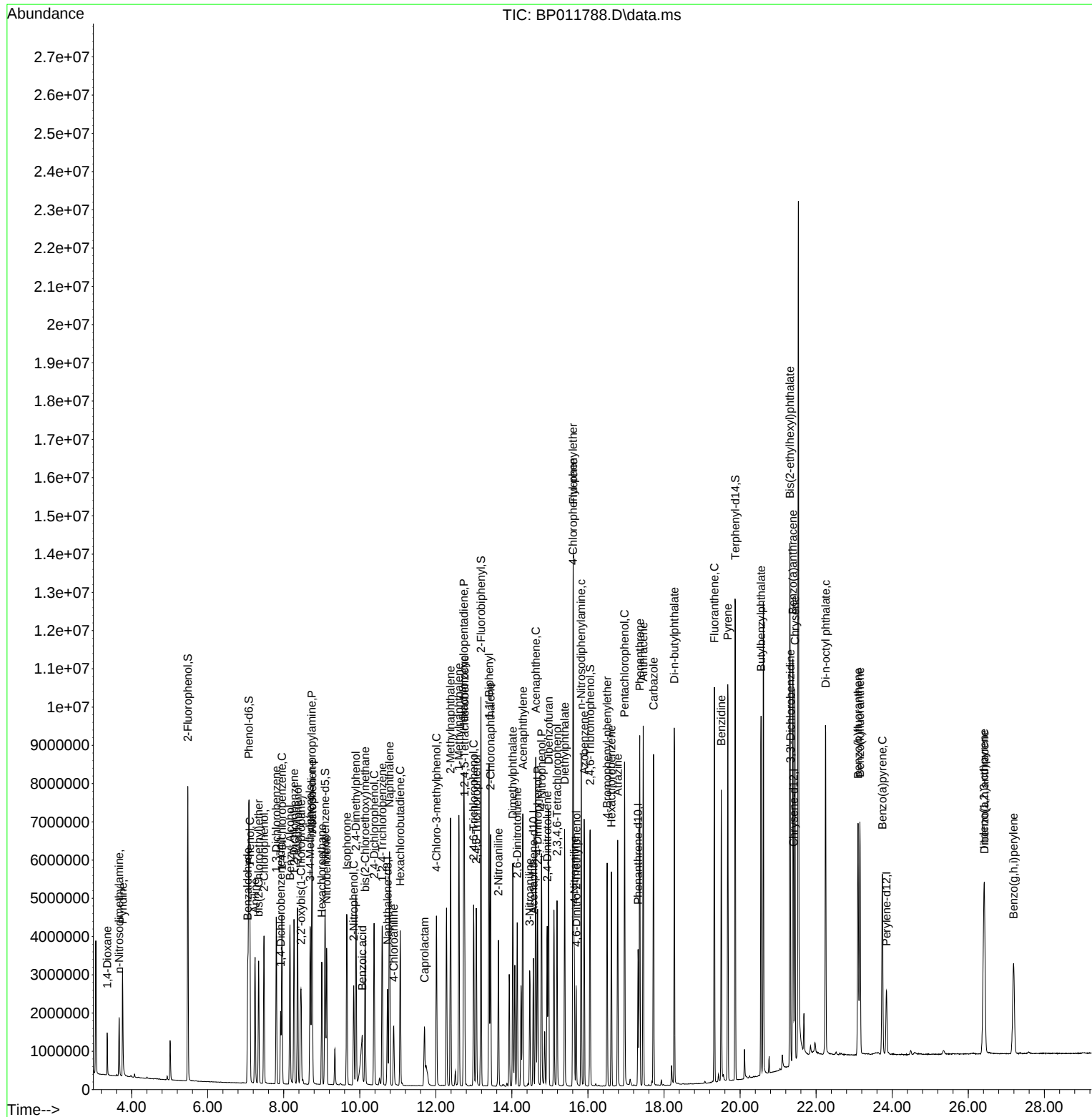
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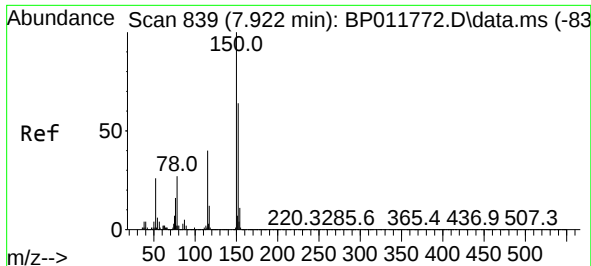
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M

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QLast Update : Thu Sep 22 02:45:14 2022

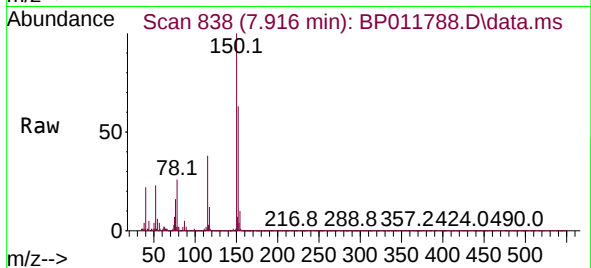
Response via : Initial Calibration





#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.916 min Scan# 839
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

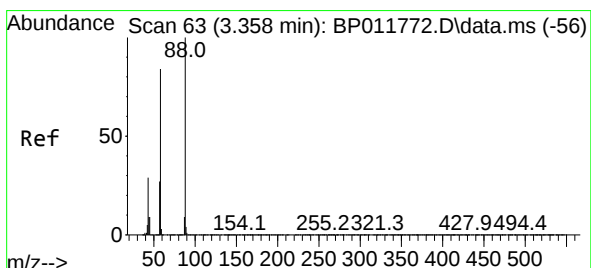
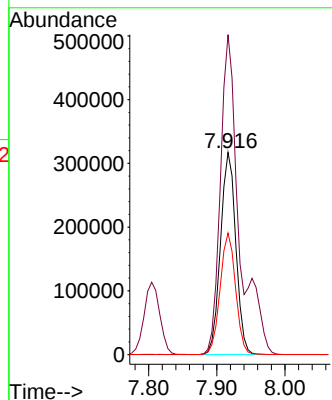
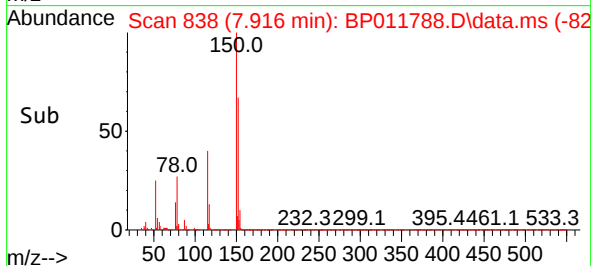
Instrument :
BNA_P
Client SampleId :
SP-1MSD



Tgt Ion: 152 Resp: 493307
Ion Ratio Lower Upper
152 100
150 158.3 124.2 186.4
115 60.1 50.0 75.0

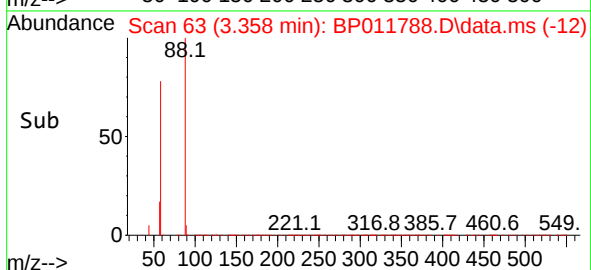
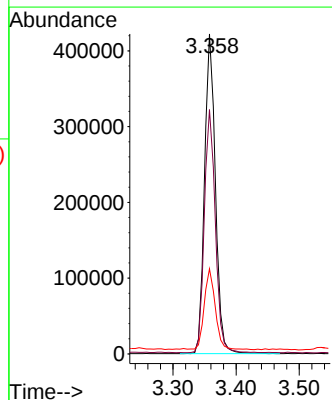
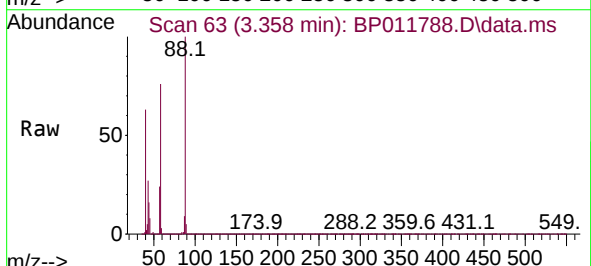
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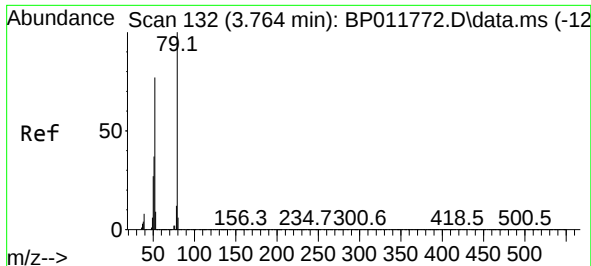
Reviewed By : Christian Giraldo 09/26/2022
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#2
1,4-Dioxane
Concen: 42.521 ng
RT: 3.358 min Scan# 63
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

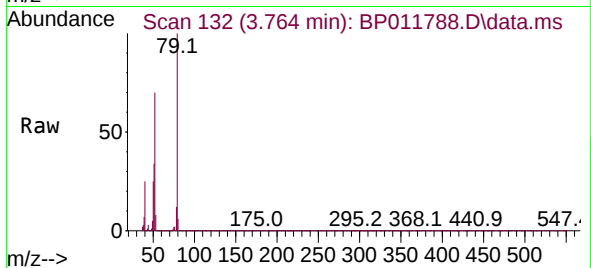
Tgt Ion: 88 Resp: 502643
Ion Ratio Lower Upper
88 100
58 77.3 66.6 99.8
43 25.9 23.2 34.8





#3
 Pyridine
 Concen: 39.503 ng
 RT: 3.764 min Scan# 115
 Delta R.T. 0.000 min
 Lab File: BP011788.D
 Acq: 23 Sep 2022 18:10

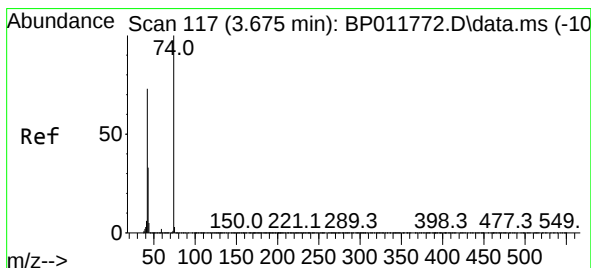
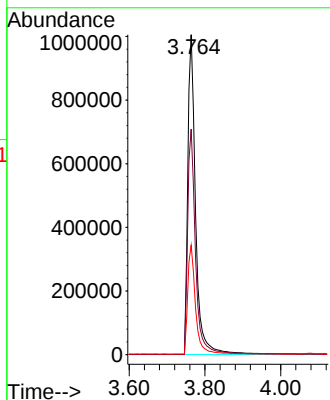
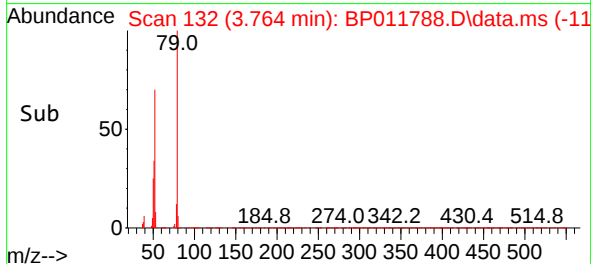
Instrument :
 BNA_P
 ClientSampleId :
 SP-1MSD



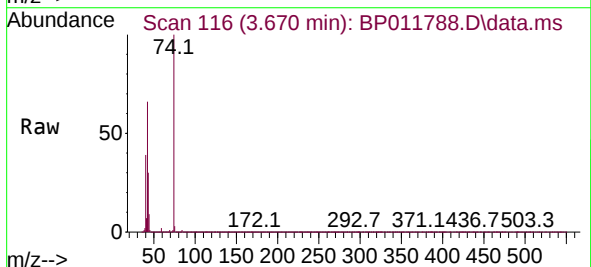
Tgt Ion: 79 Resp: 1441156
 Ion Ratio Lower Upper
 79 100
 52 70.4 61.9 92.9
 51 34.2 29.9 44.9

Manual Integrations
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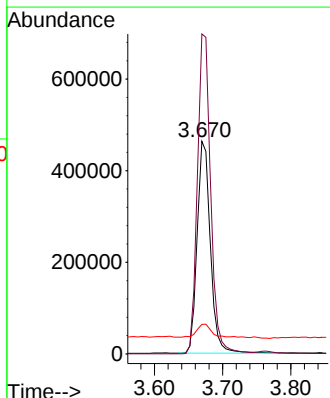
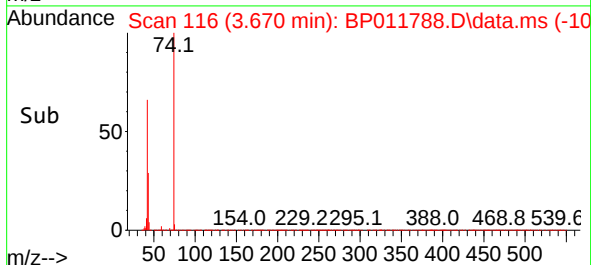
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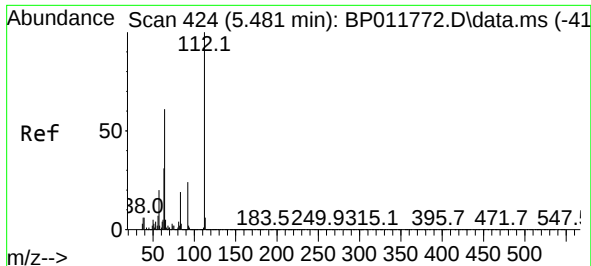


#4
 n-Nitrosodimethylamine
 Concen: 38.634 ng
 RT: 3.670 min Scan# 116
 Delta R.T. -0.006 min
 Lab File: BP011788.D
 Acq: 23 Sep 2022 18:10



Tgt Ion: 42 Resp: 623293
 Ion Ratio Lower Upper
 42 100
 74 150.6 109.0 163.6
 44 13.9 15.4 23.2





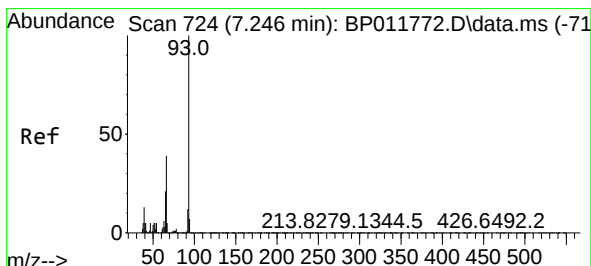
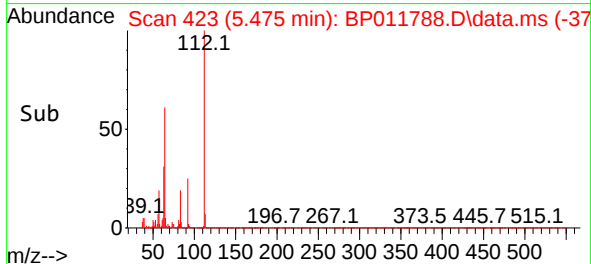
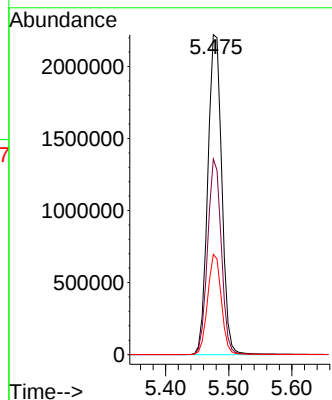
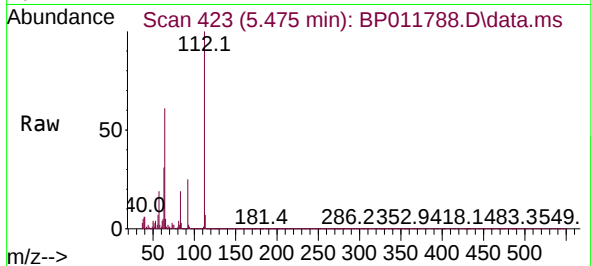
#5
2-Fluorophenol
Concen: 121.761 ng
RT: 5.475 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Instrument :
BNA_P
ClientSampleId :
SP-1MSD

Tgt Ion:112 Resp: 3423324
Ion Ratio Lower Upper
112 100
64 61.1 49.2 73.8
63 31.3 25.2 37.8

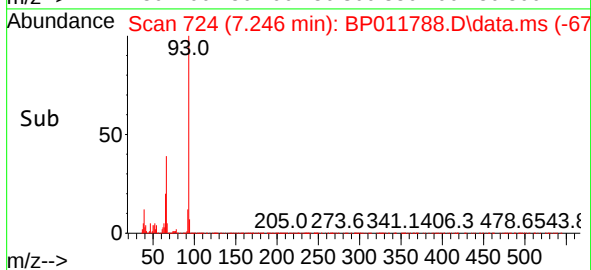
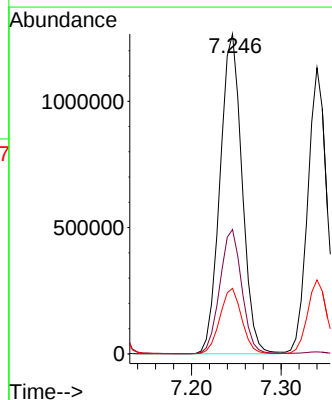
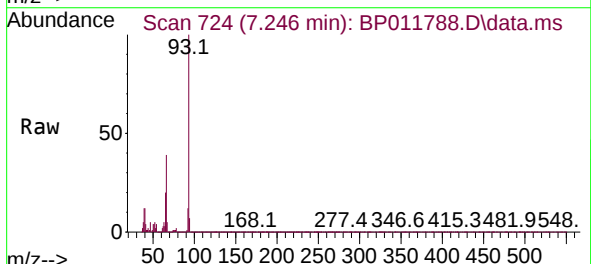
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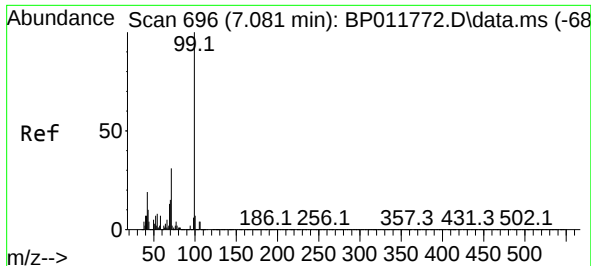
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#6
Aniline
Concen: 41.942 ng
RT: 7.246 min Scan# 724
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

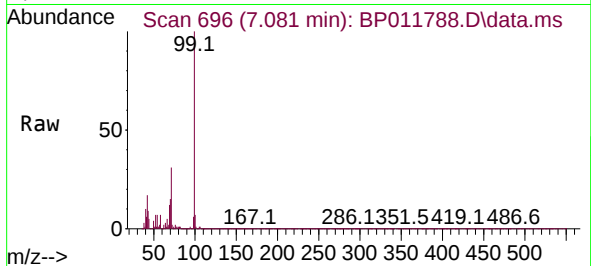
Tgt Ion: 93 Resp: 2168943
Ion Ratio Lower Upper
93 100
66 38.9 31.3 46.9
65 20.5 16.9 25.3





#7
Phenol-d6
Concen: 109.294 ng
RT: 7.081 min Scan# 696
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

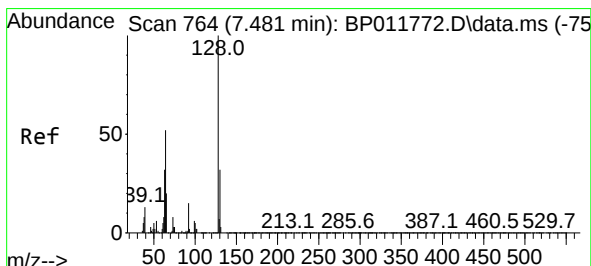
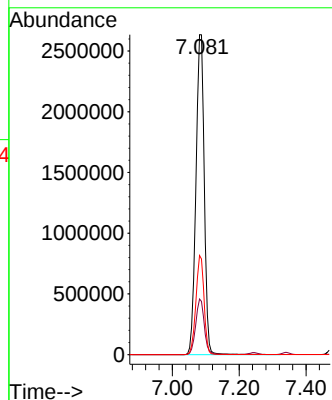
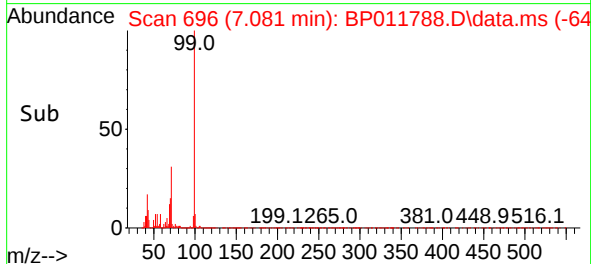
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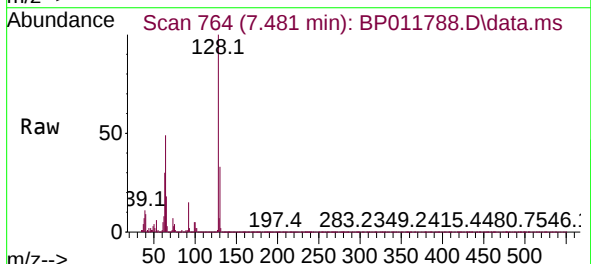
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Ion Ratio Lower Upper
99 100
42 17.4 15.4 23.2
71 31.0 24.7 37.1

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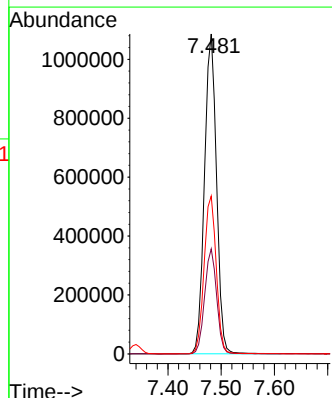
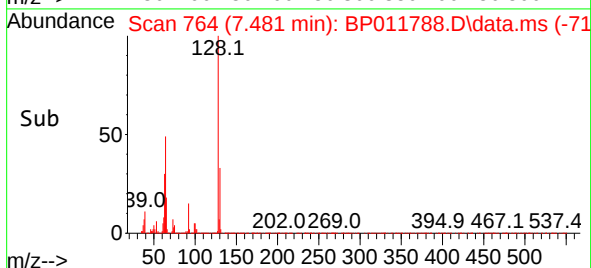
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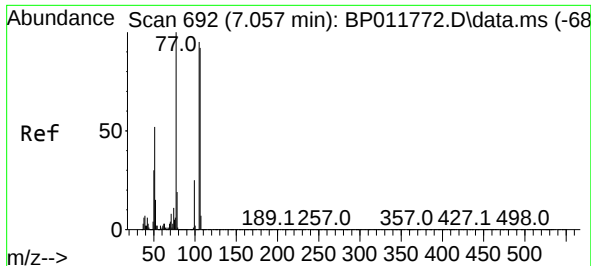


#8
2-Chlorophenol
Concen: 49.763 ng
RT: 7.481 min Scan# 764
Delta R.T. 0.000 min
Lab File: BP011788.D
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Tgt Ion:128 Resp: 1702175
Ion Ratio Lower Upper
128 100
130 32.8 12.1 52.1
64 49.3 32.6 72.6





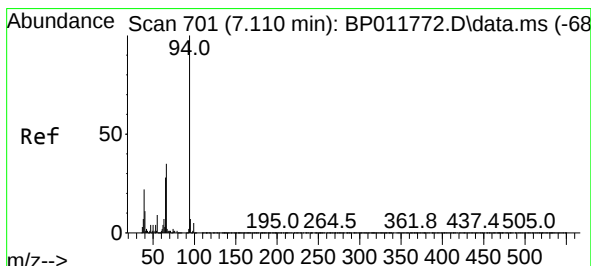
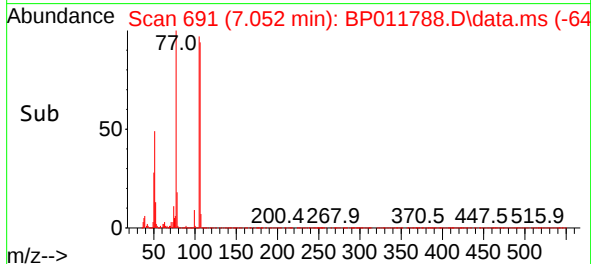
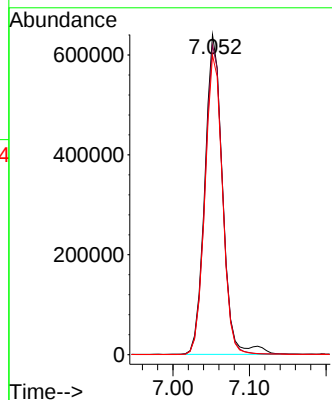
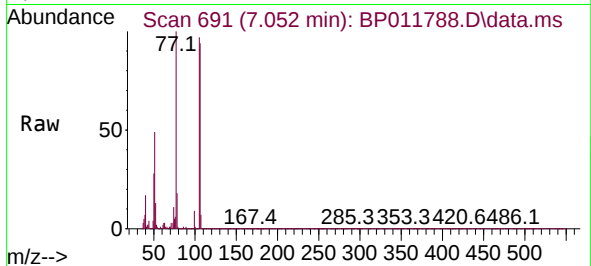
#9
Benzaldehyde
Concen: 39.526 ng m
RT: 7.052 min Scan# 69
Delta R.T. -0.005 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

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Tgt Ion: 77 Resp: 1027992
Ion Ratio Lower Upper
77 100
105 96.7 75.4 115.4
106 93.5 71.6 111.6

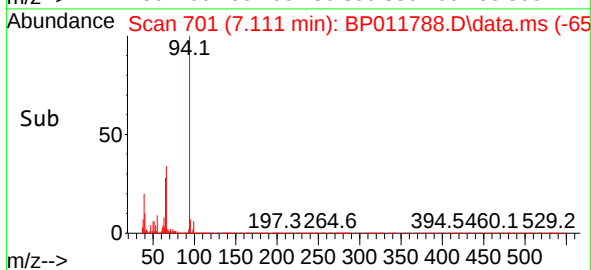
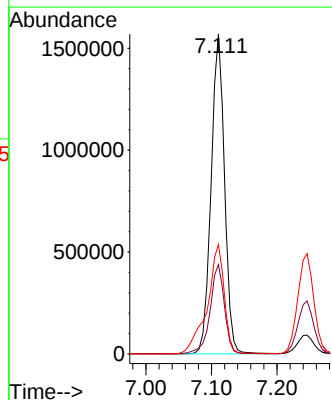
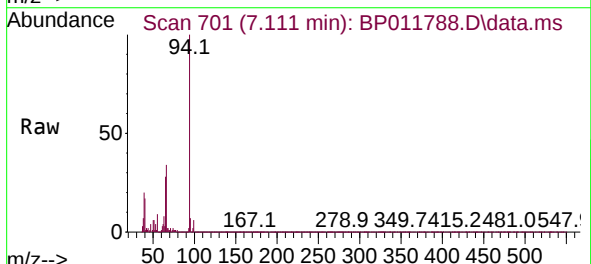
Manual Integrations
APPROVED

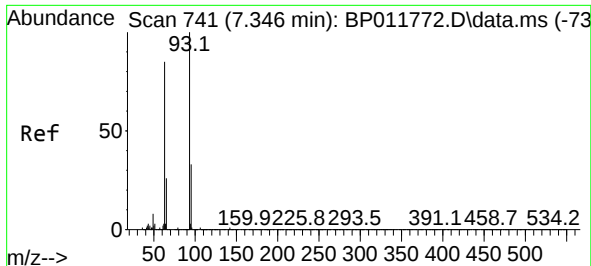
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#10
Phenol
Concen: 47.654 ng
RT: 7.111 min Scan# 701
Delta R.T. 0.001 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

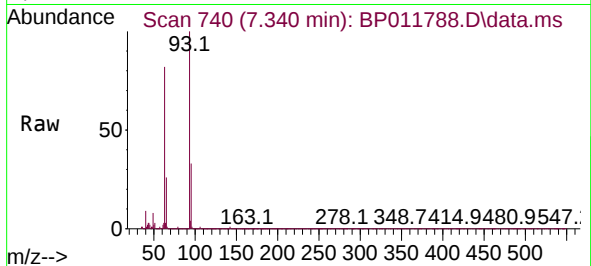
Tgt Ion: 94 Resp: 2231502
Ion Ratio Lower Upper
94 100
65 27.9 8.1 48.1
66 34.2 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 45.168 ng
RT: 7.340 min Scan# 741
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

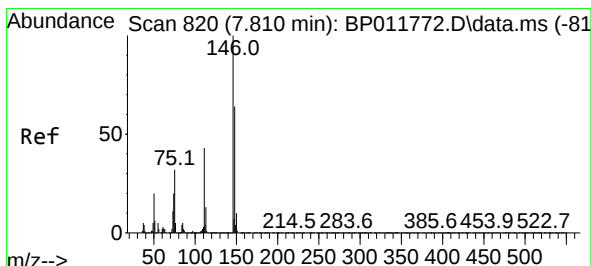
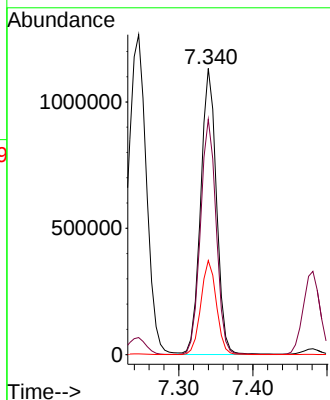
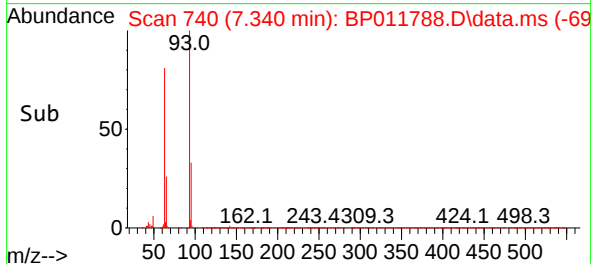
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



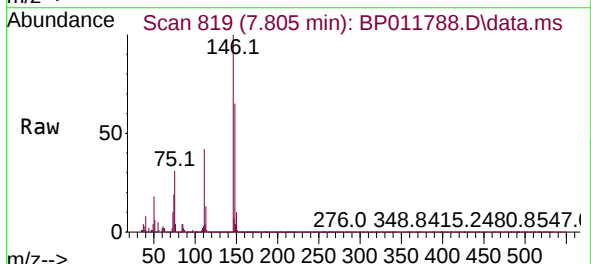
Tgt Ion: 93 Resp: 1674251
Ion Ratio Lower Upper
93 100
63 82.2 64.4 104.4
95 32.8 12.7 52.7

Manual Integrations
APPROVED

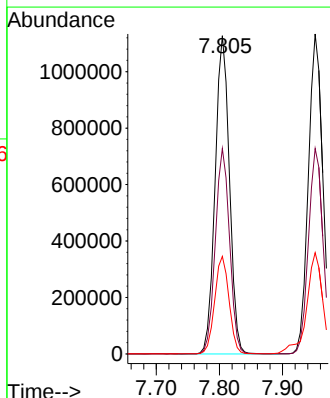
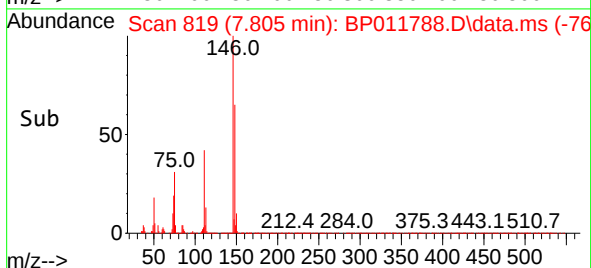
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

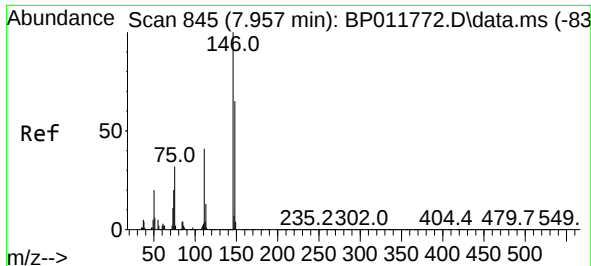


#12
1,3-Dichlorobenzene
Concen: 49.294 ng
RT: 7.805 min Scan# 819
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10



Tgt Ion:146 Resp: 1771795
Ion Ratio Lower Upper
146 100
148 64.6 51.4 77.2
75 30.7 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 48.689 ng

RT: 7.952 min Scan# 84

Delta R.T. -0.006 min

Lab File: BP011788.D

Acq: 23 Sep 2022 18:10

Instrument :

BNA_P

ClientSampleId :

SP-1MSD

Tgt Ion:146 Resp: 1793326

Ion Ratio Lower Upper

146 100

148 64.2 51.7 77.5

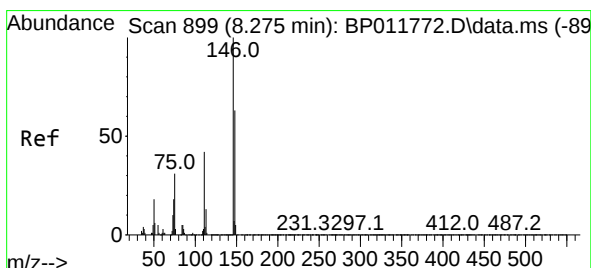
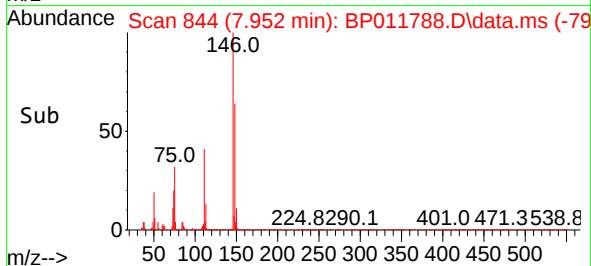
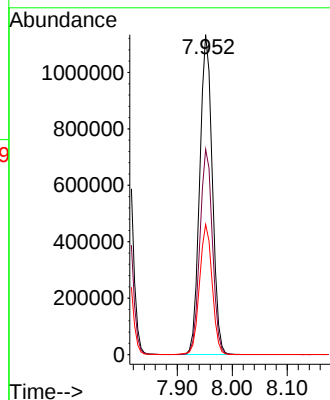
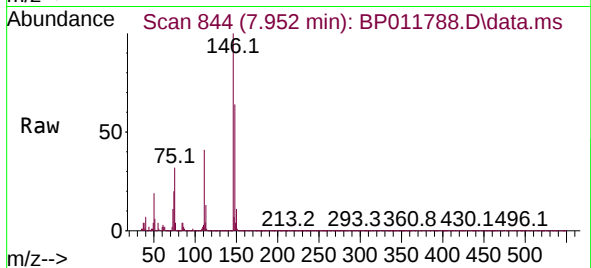
111 40.7 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#14

1,2-Dichlorobenzene

Concen: 48.076 ng

RT: 8.269 min Scan# 898

Delta R.T. -0.006 min

Lab File: BP011788.D

Acq: 23 Sep 2022 18:10

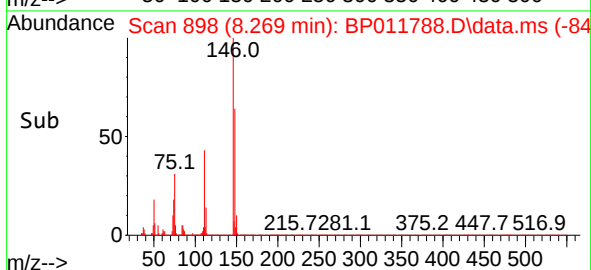
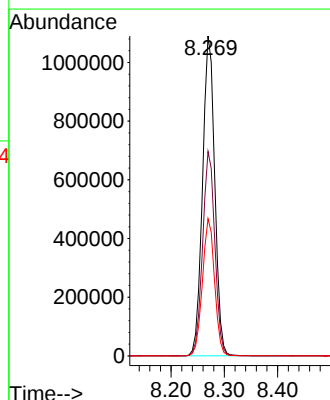
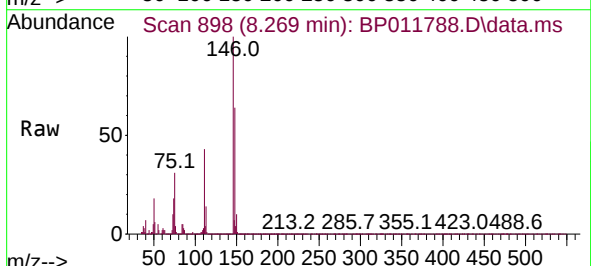
Tgt Ion:146 Resp: 1732360

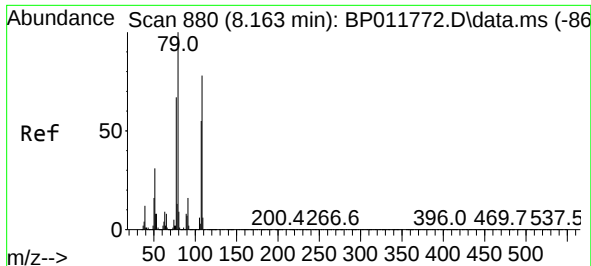
Ion Ratio Lower Upper

146 100

148 63.9 50.6 76.0

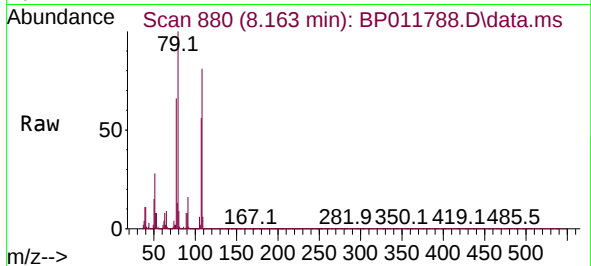
111 42.9 34.0 51.0





#15
Benzyl Alcohol
Concen: 44.387 ng m
RT: 8.163 min Scan# 880
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

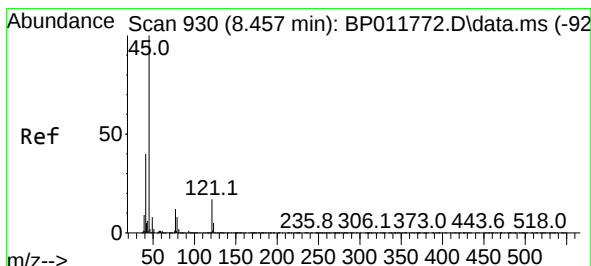
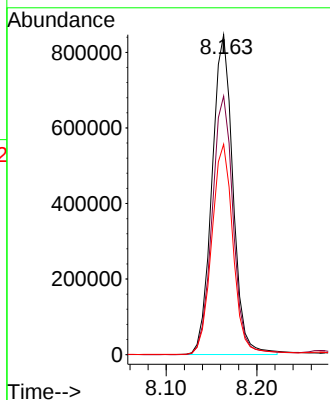
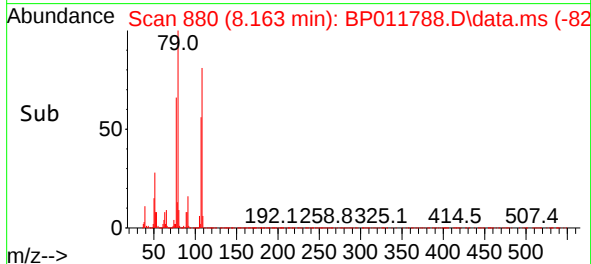
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



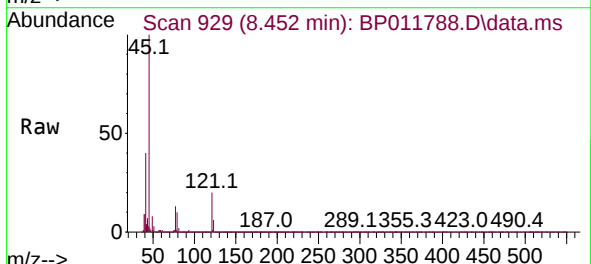
Tgt Ion: 79 Resp: 1363344
Ion Ratio Lower Upper
79 100
108 80.8 62.7 94.1
77 65.7 53.8 80.6

Manual Integrations
APPROVED

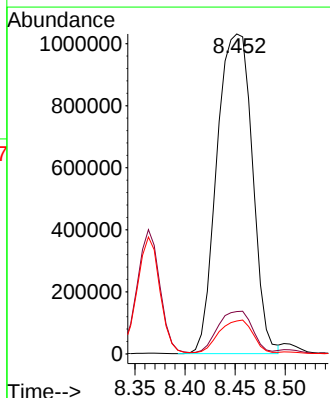
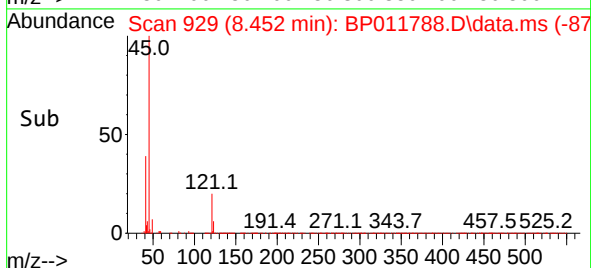
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

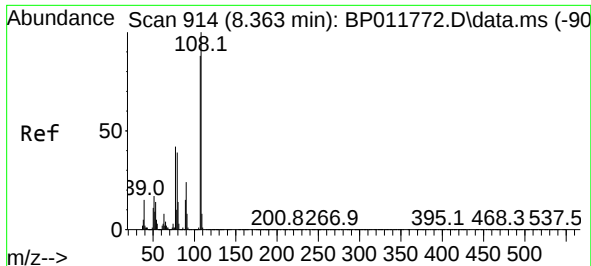


#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.423 ng
RT: 8.452 min Scan# 929
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10



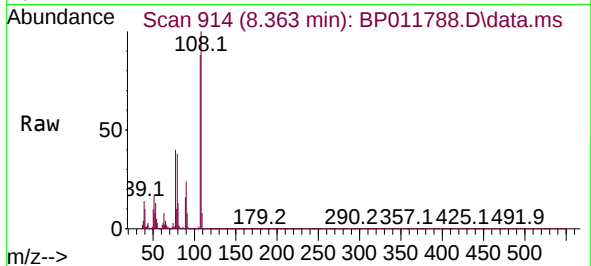
Tgt Ion: 45 Resp: 2536172
Ion Ratio Lower Upper
45 100
77 13.2 0.0 32.6
79 10.3 0.0 29.0





#17
2-Methylphenol
Concen: 46.048 ng
RT: 8.363 min Scan# 914
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Instrument :
BNA_P
ClientSampleId :
SP-1MSD

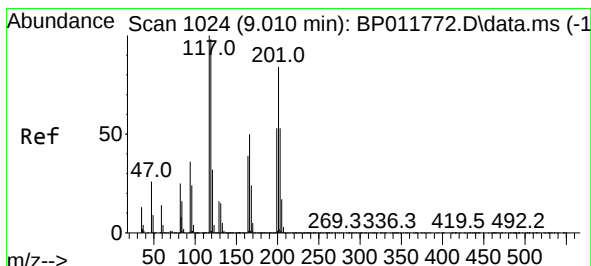
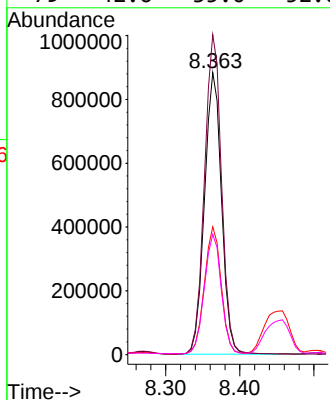
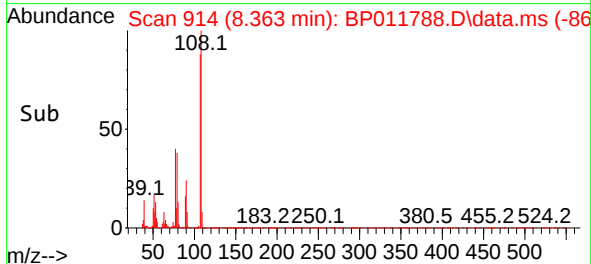


Tgt Ion:107 Resp: 141332

Ion	Ratio	Lower	Upper
107	100		
108	113.5	90.6	136.0
77	45.3	38.0	57.0
79	42.6	35.0	52.6

Manual Integrations
APPROVED

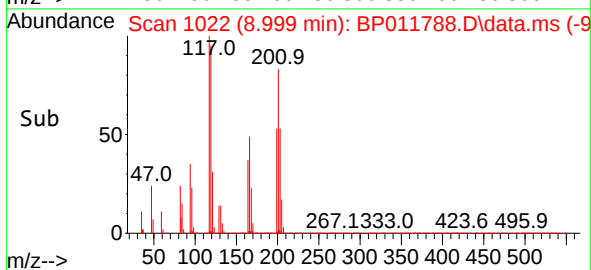
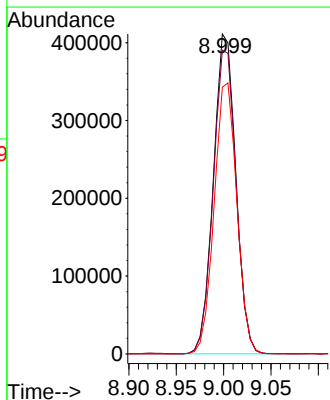
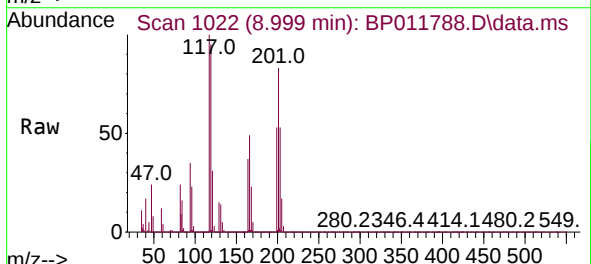
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

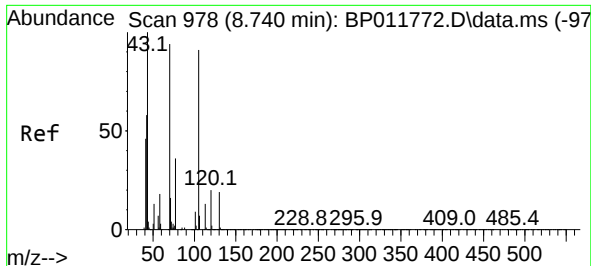


#18
Hexachloroethane
Concen: 48.068 ng
RT: 8.999 min Scan# 1022
Delta R.T. -0.012 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Tgt Ion:117 Resp: 677831

Ion	Ratio	Lower	Upper
117	100		
119	94.9	78.8	118.2
201	83.3	67.4	101.0





#19

n-Nitroso-di-n-propylamine

Concen: 40.149 ng

RT: 8.734 min Scan# 91

Delta R.T. -0.006 min

Lab File: BP011788.D

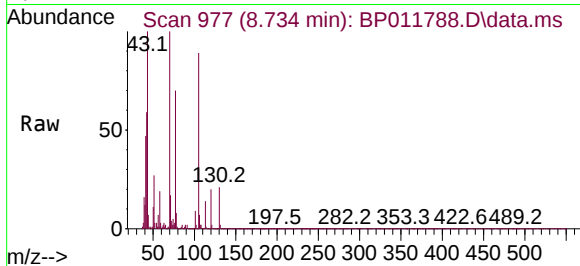
Acq: 23 Sep 2022 18:10

Instrument :

BNA_P

ClientSampleId :

SP-1MSD



Tgt Ion: 70 Resp: 1227020

Ion Ratio Lower Upper

70 100

42 58.8 50.1 75.1

101 9.4 7.6 11.4

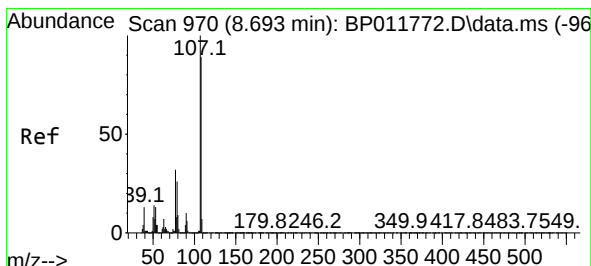
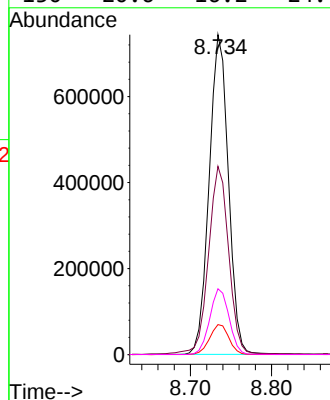
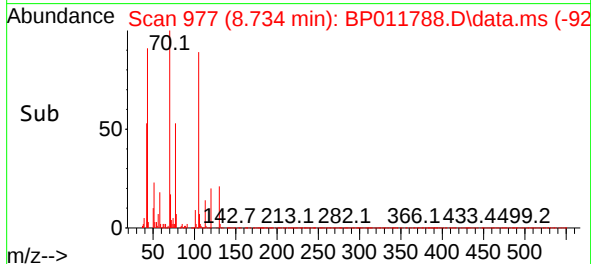
130 20.6 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#20

3+4-Methylphenols

Concen: 43.677 ng

RT: 8.693 min Scan# 970

Delta R.T. 0.000 min

Lab File: BP011788.D

Acq: 23 Sep 2022 18:10

Tgt Ion:107 Resp: 1882197

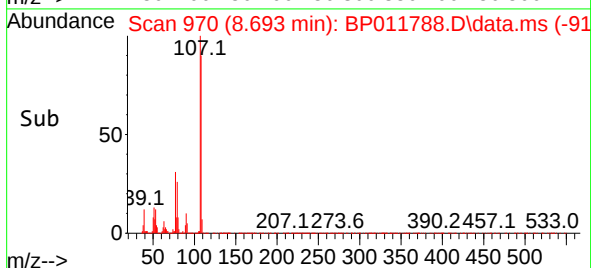
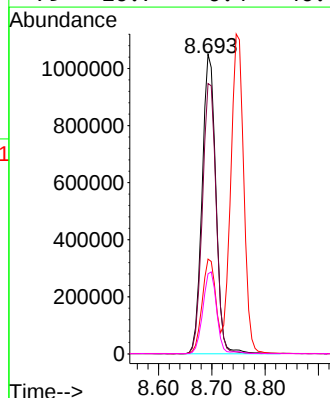
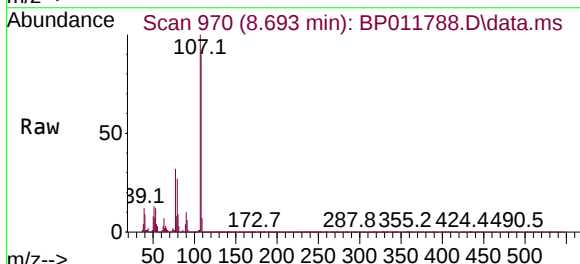
Ion Ratio Lower Upper

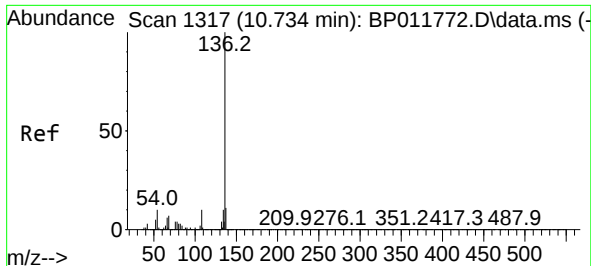
107 100

108 90.2 69.2 109.2

77 31.6 12.5 52.5

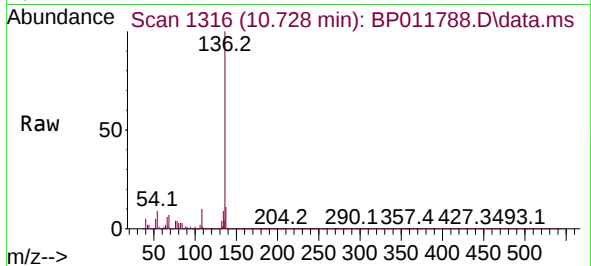
79 26.7 6.4 46.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.728 min Scan# 1316
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

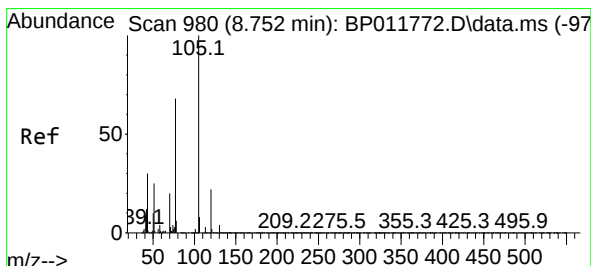
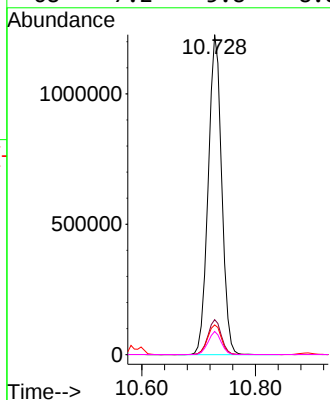
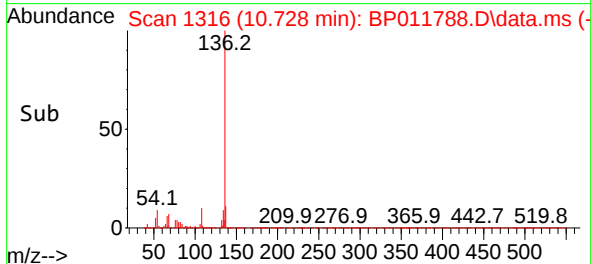
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:136 Resp: 2018558
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 9.3 8.2 12.4
68 7.2 5.8 8.8

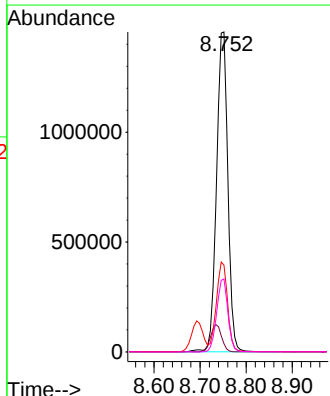
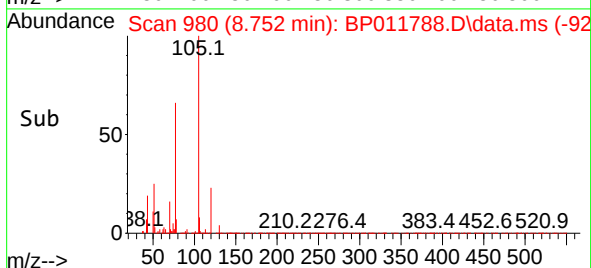
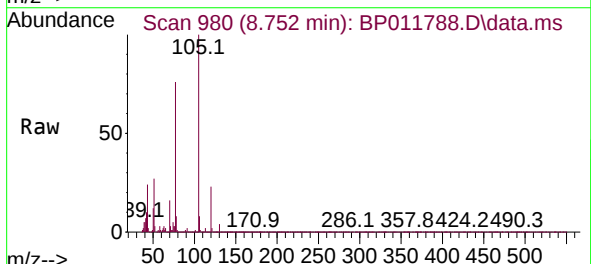
Manual Integrations
APPROVED

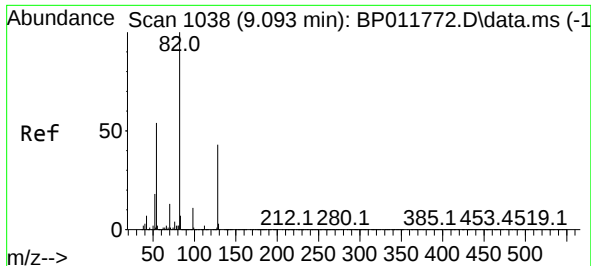
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#22
Acetophenone
Concen: 49.069 ng
RT: 8.752 min Scan# 980
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

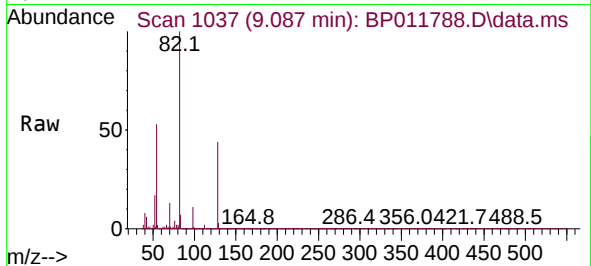
Tgt Ion:105 Resp: 2488042
Ion Ratio Lower Upper
105 100
71 2.6 2.7 4.1#
51 27.1 23.6 35.4
120 22.8 17.8 26.6





#23
Nitrobenzene-d5
Concen: 70.247 ng
RT: 9.087 min Scan# 1037
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

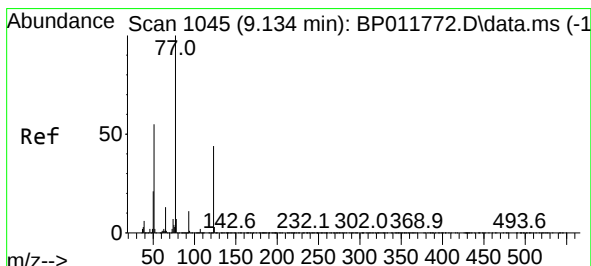
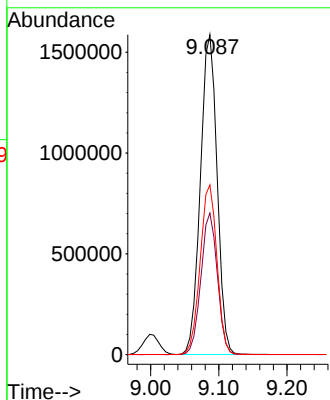
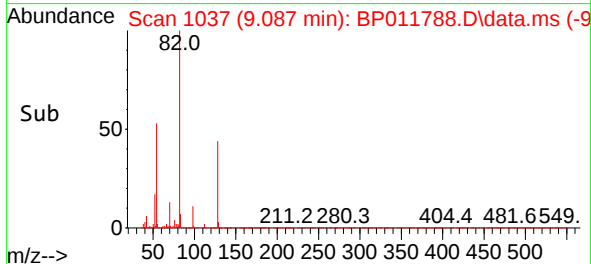
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion: 82 Resp: 2709152
Ion Ratio Lower Upper
82 100
128 44.2 34.2 51.4
54 53.0 43.1 64.7

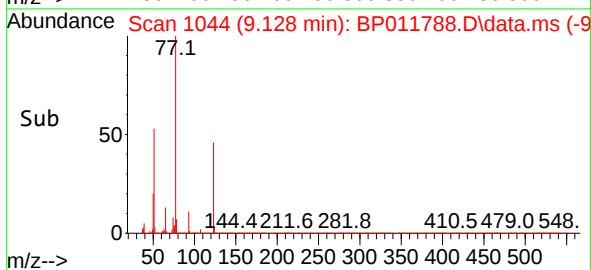
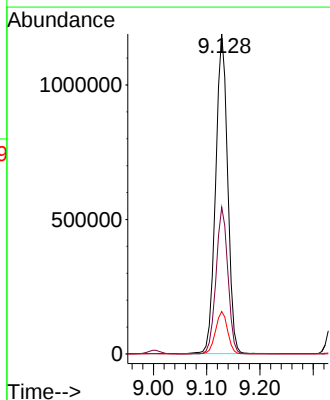
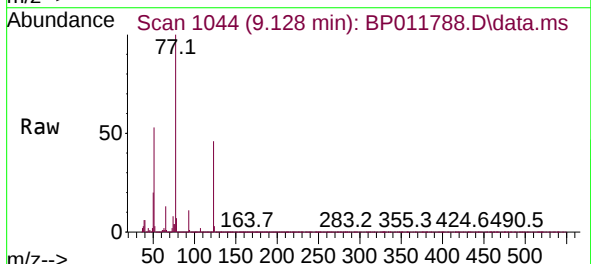
Manual Integrations
APPROVED

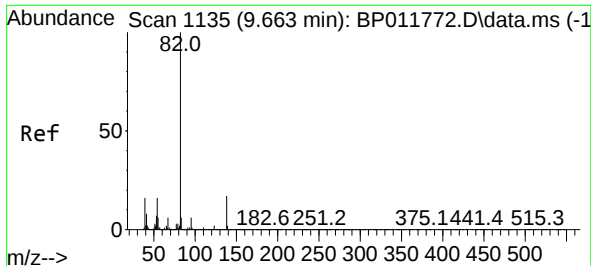
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#24
Nitrobenzene
Concen: 46.747 ng
RT: 9.128 min Scan# 1044
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

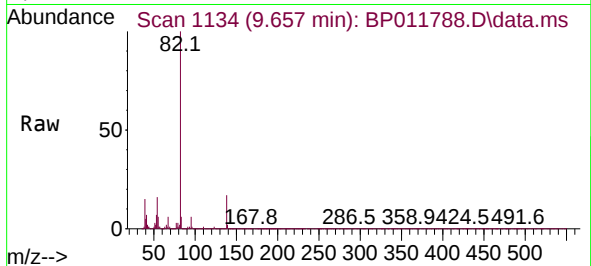
Tgt Ion: 77 Resp: 1862731
Ion Ratio Lower Upper
77 100
123 45.8 35.0 52.4
65 13.2 10.7 16.1





#25
Isophorone
Concen: 47.216 ng
RT: 9.657 min Scan# 1134
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

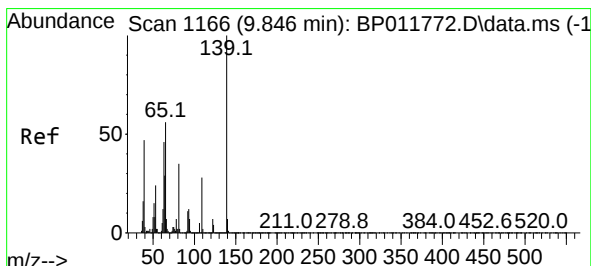
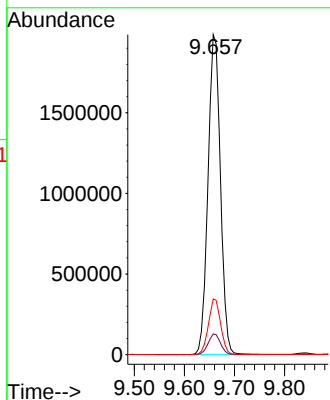
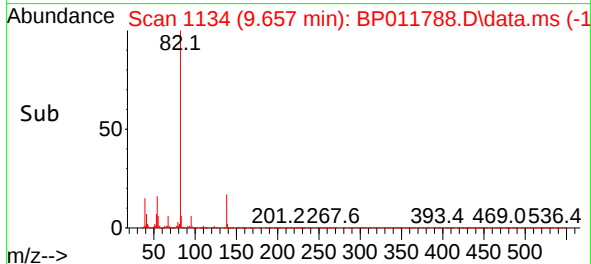
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion: 82 Resp: 3416074
Ion Ratio Lower Upper
82 100
95 6.5 5.1 7.7
138 17.4 13.6 20.4

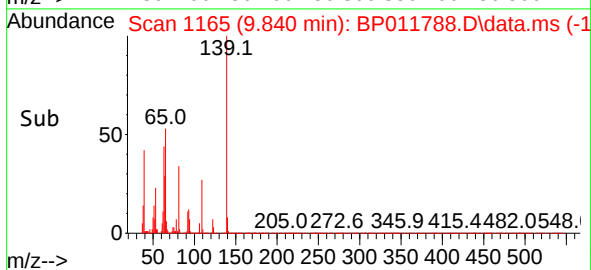
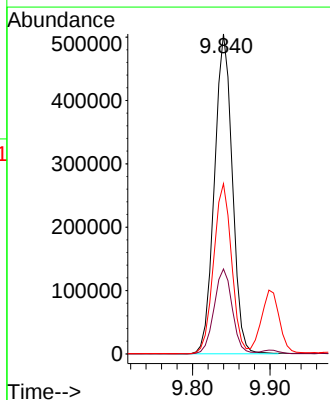
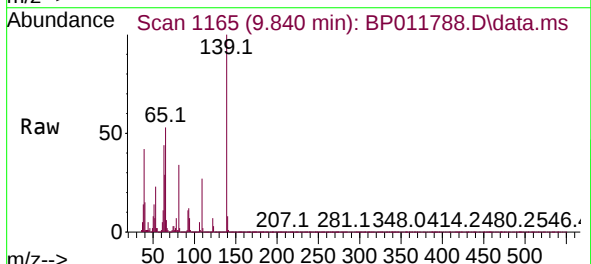
Manual Integrations
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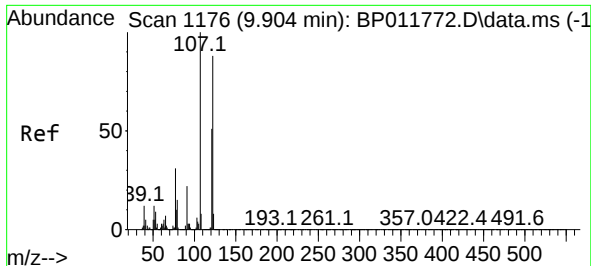
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#26
2-Nitrophenol
Concen: 50.229 ng
RT: 9.840 min Scan# 1165
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Tgt Ion:139 Resp: 810987
Ion Ratio Lower Upper
139 100
109 26.5 22.6 34.0
65 53.2 44.7 67.1





#27

2,4-Dimethylphenol

Concen: 59.822 ng

RT: 9.899 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BP011788.D

Acq: 23 Sep 2022 18:10

Instrument :

BNA_P

ClientSampleId :

SP-1MSD

Tgt Ion:122 Resp: 1528613

Ion Ratio Lower Upper

122 100

107 112.2 91.2 136.8

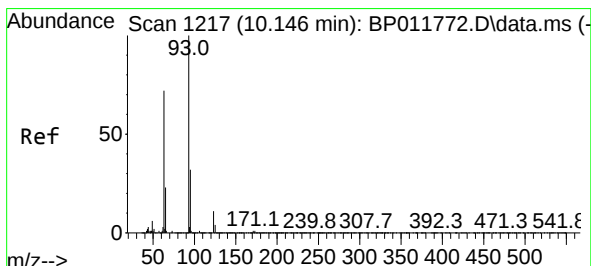
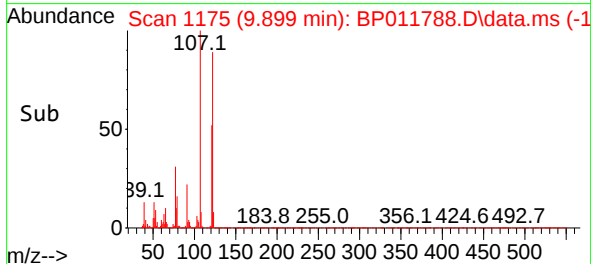
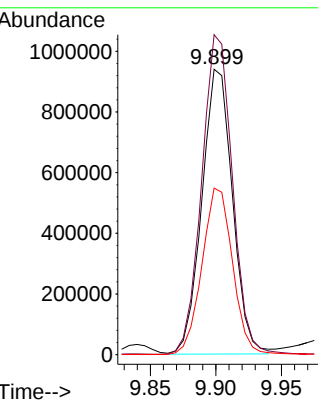
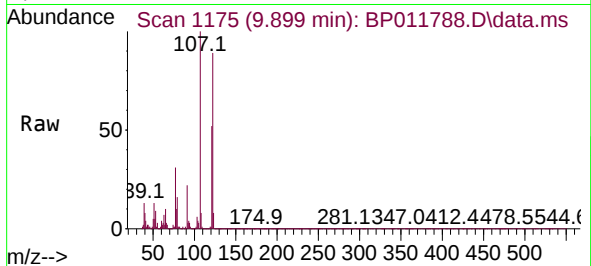
121 58.4 46.8 70.2

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Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#28

bis(2-Chloroethoxy)methane

Concen: 51.516 ng

RT: 10.140 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BP011788.D

Acq: 23 Sep 2022 18:10

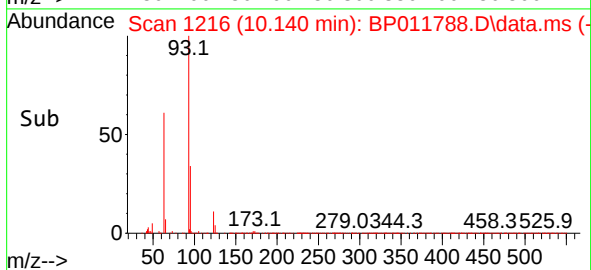
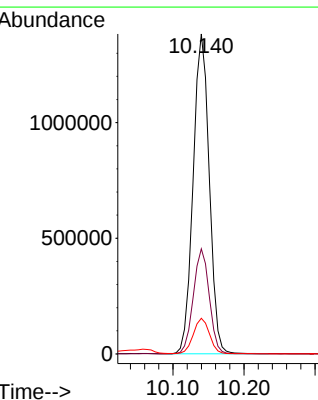
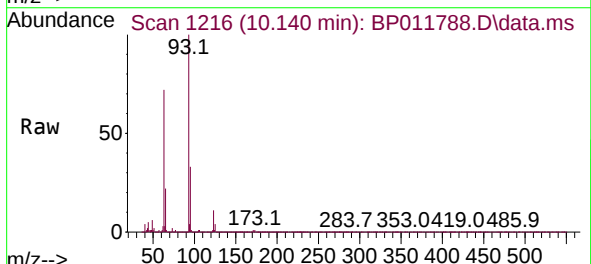
Tgt Ion: 93 Resp: 2172120

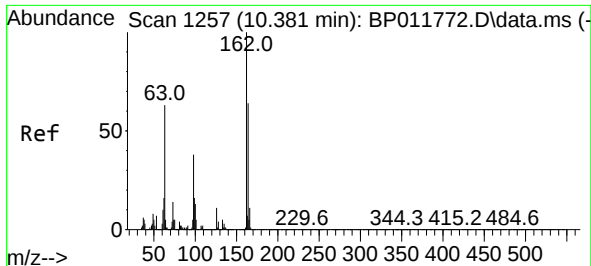
Ion Ratio Lower Upper

93 100

95 32.8 25.6 38.4

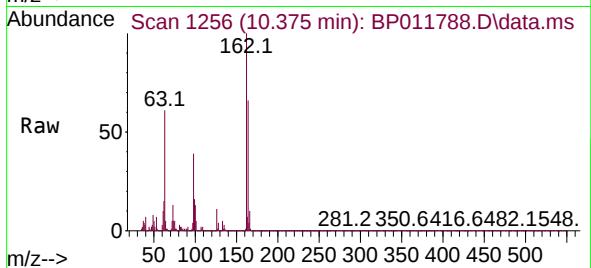
123 11.1 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 52.345 ng
RT: 10.375 min Scan# 1256
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

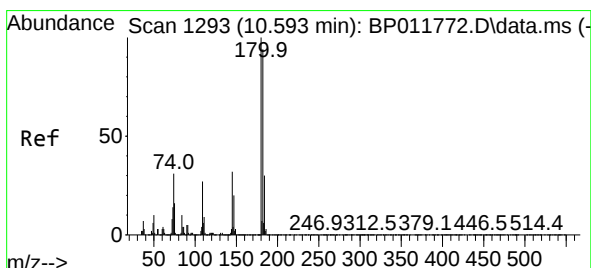
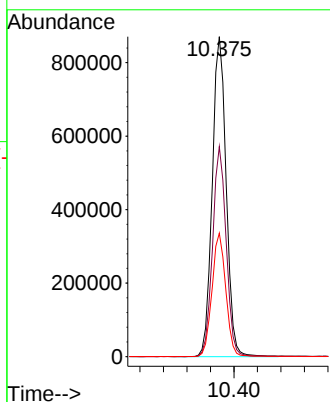
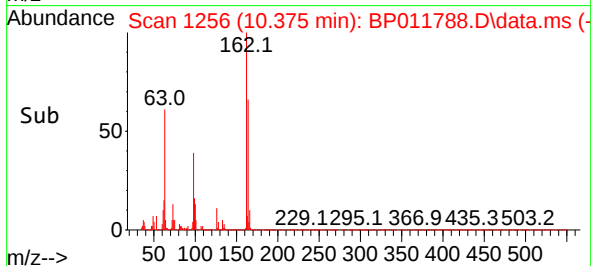
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:162 Resp: 1431134
Ion Ratio Lower Upper
162 100
164 65.6 44.3 84.3
98 38.6 18.1 58.1

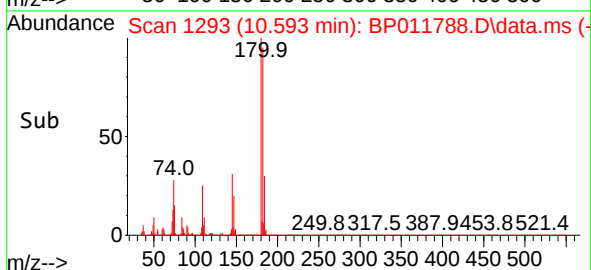
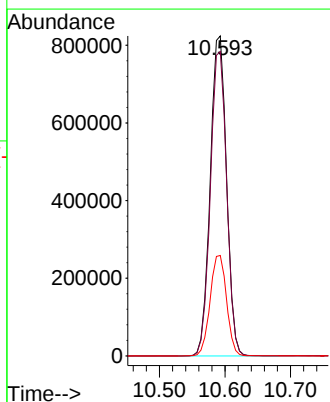
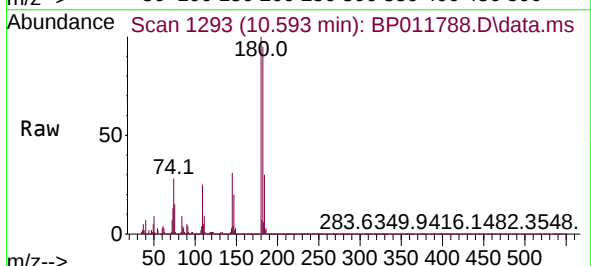
Manual Integrations
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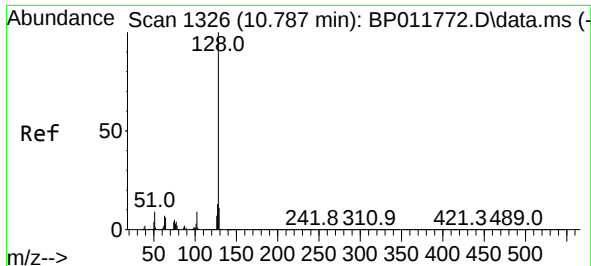
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#30
1,2,4-Trichlorobenzene
Concen: 50.022 ng
RT: 10.593 min Scan# 1293
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Tgt Ion:180 Resp: 1424062
Ion Ratio Lower Upper
180 100
182 95.1 75.2 112.8
145 31.4 25.8 38.6





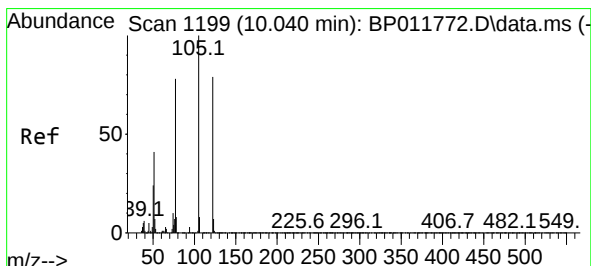
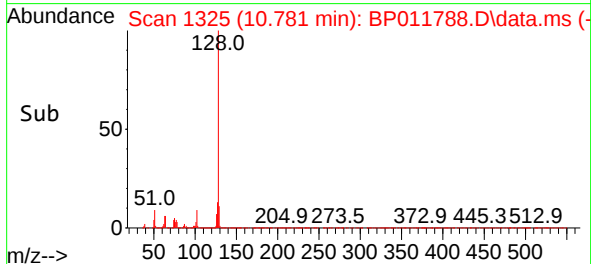
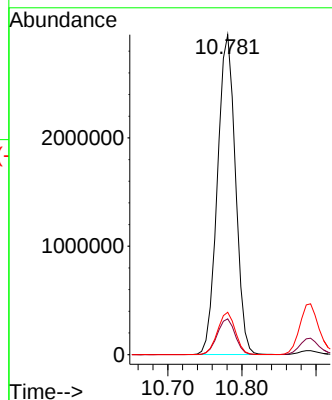
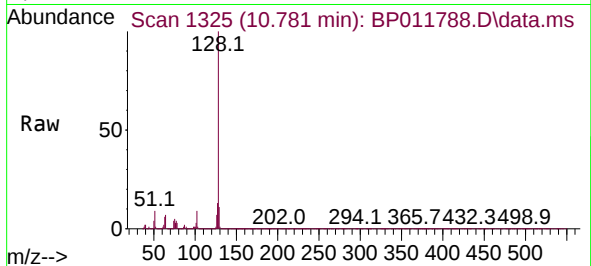
#31
Naphthalene
Concen: 46.476 ng
RT: 10.781 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Instrument :
BNA_P
ClientSampleId :
SP-1MSD

Tgt Ion:128 Resp: 497366
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.2 10.5 15.7

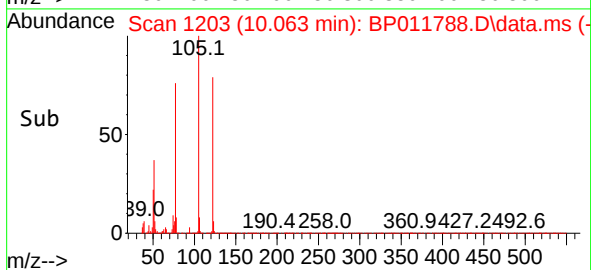
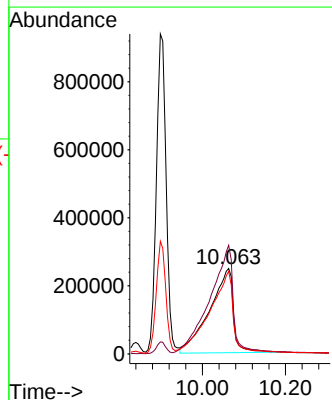
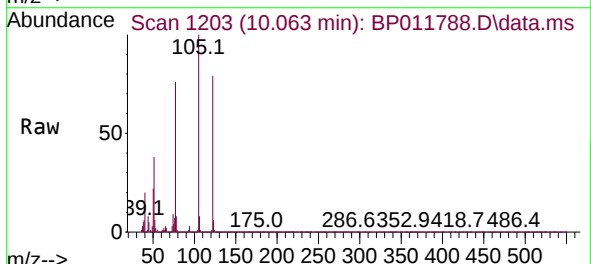
Manual Integrations
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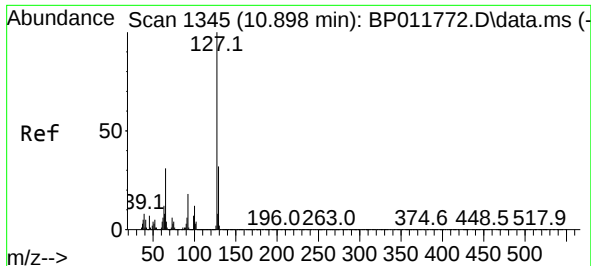
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#32
Benzoic acid
Concen: 45.553 ng
RT: 10.063 min Scan# 1203
Delta R.T. 0.023 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

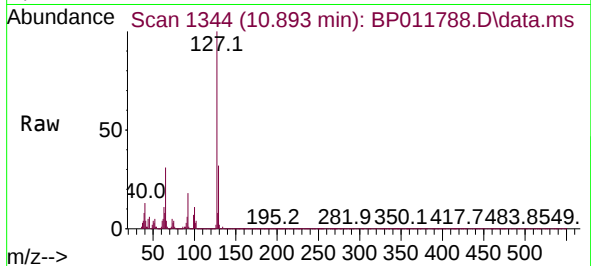
Tgt Ion:122 Resp: 987905
Ion Ratio Lower Upper
122 100
105 127.3 101.0 141.0
77 96.7 75.9 115.9





#33
4-Chloroaniline
Concen: 19.508 ng
RT: 10.893 min Scan# 1344
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

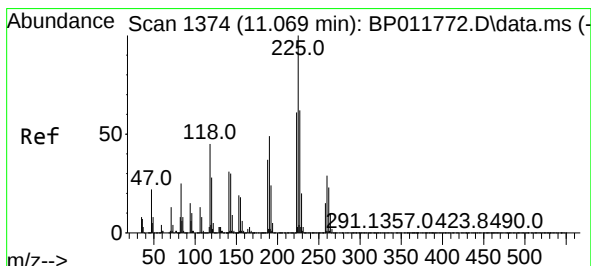
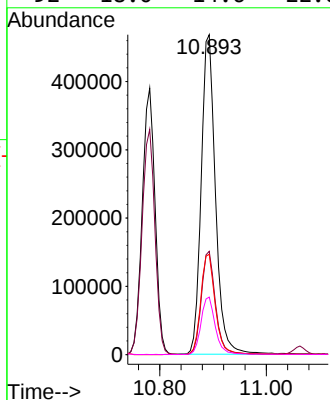
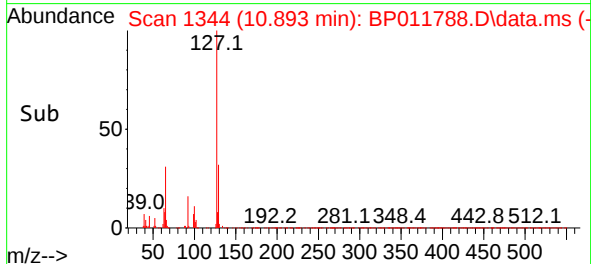
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:127 Resp: 870379
Ion Ratio Lower Upper
127 100
129 32.3 25.8 38.8
65 31.3 25.1 37.7
92 18.0 14.6 22.0

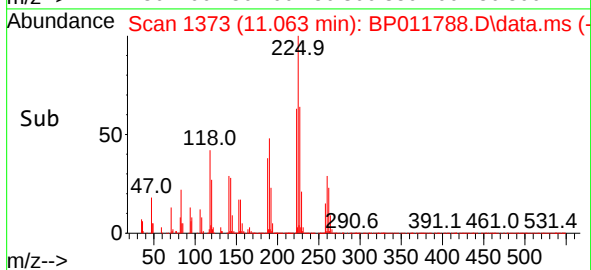
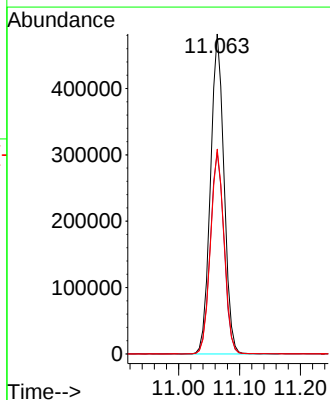
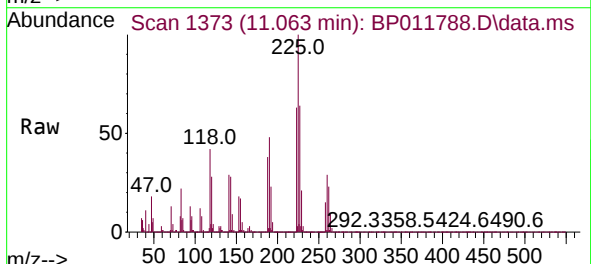
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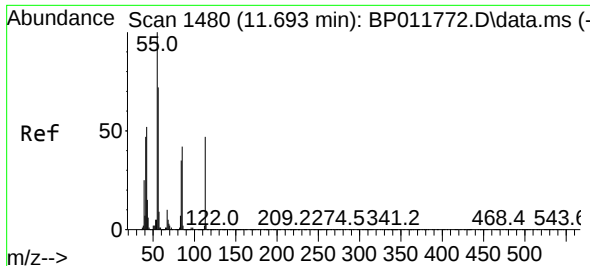
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#34
Hexachlorobutadiene
Concen: 51.879 ng
RT: 11.063 min Scan# 1373
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

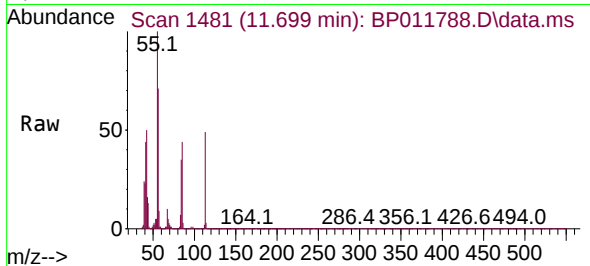
Tgt Ion:225 Resp: 744924
Ion Ratio Lower Upper
225 100
223 63.0 49.0 73.4
227 64.0 49.6 74.4





#35
Caprolactam
Concen: 42.602 ng m
RT: 11.699 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

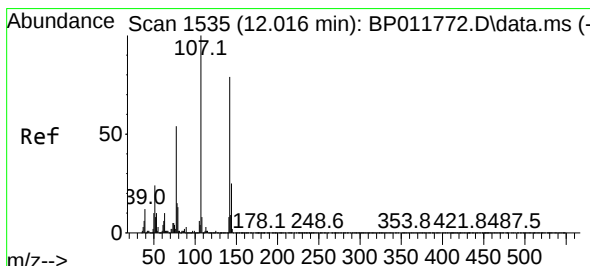
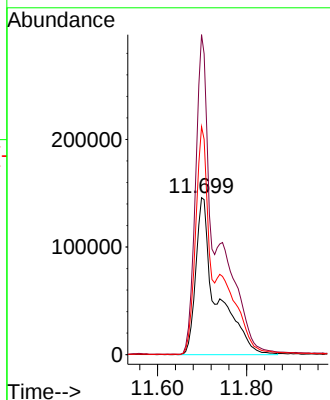
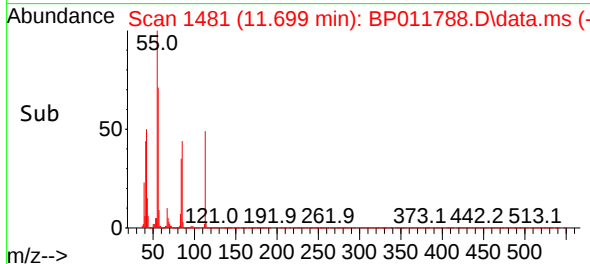
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:113 Resp: 473373
Ion Ratio Lower Upper
113 100
55 203.9 191.1 231.1
56 145.2 131.1 171.1

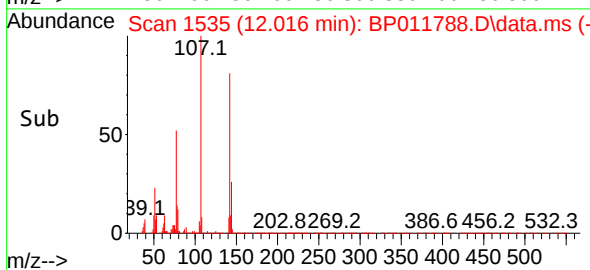
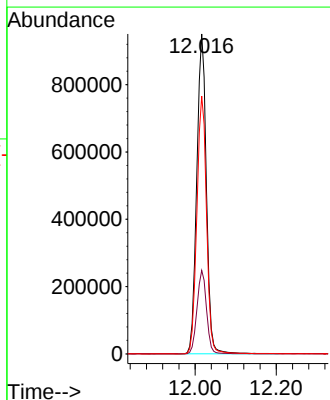
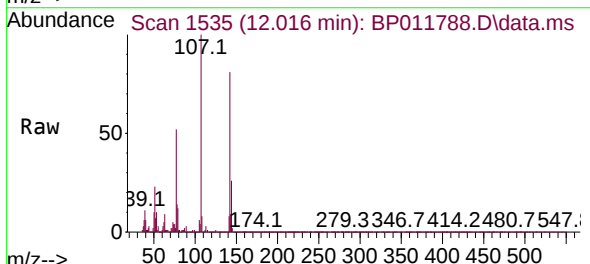
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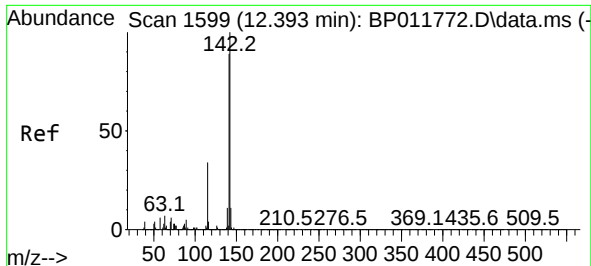
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#36
4-Chloro-3-methylphenol
Concen: 46.827 ng
RT: 12.016 min Scan# 1535
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Tgt Ion:107 Resp: 1553841
Ion Ratio Lower Upper
107 100
144 26.1 20.2 30.2
142 80.6 63.5 95.3





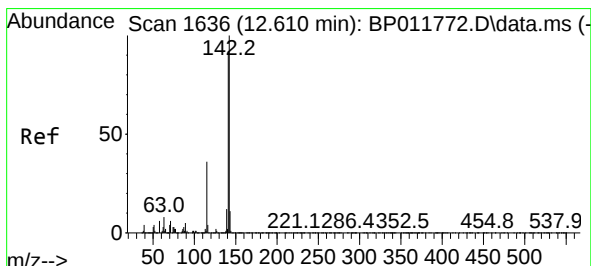
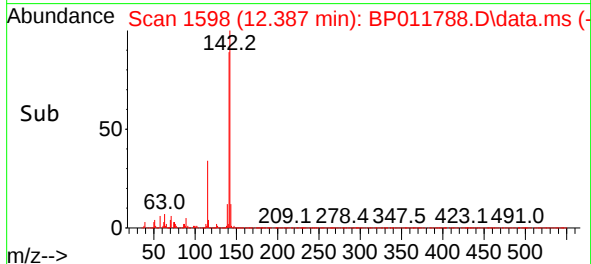
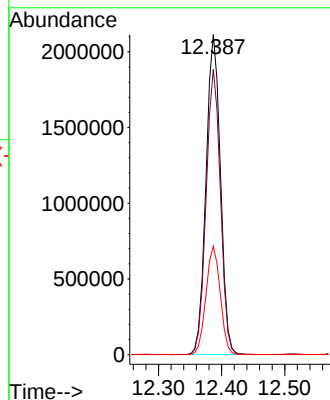
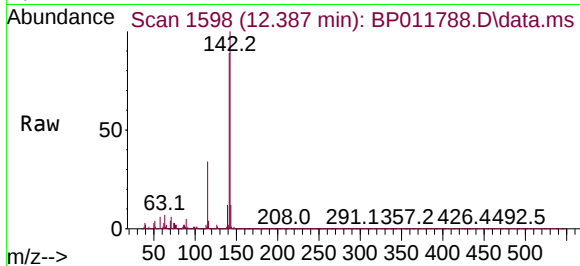
#37
2-Methylnaphthalene
Concen: 45.234 ng
RT: 12.387 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Instrument :
BNA_P
Client SampleId :
SP-1MSD

Tgt Ion:142 Resp: 334296
Ion Ratio Lower Upper
142 100
141 89.2 71.1 106.7
115 33.8 27.4 41.0

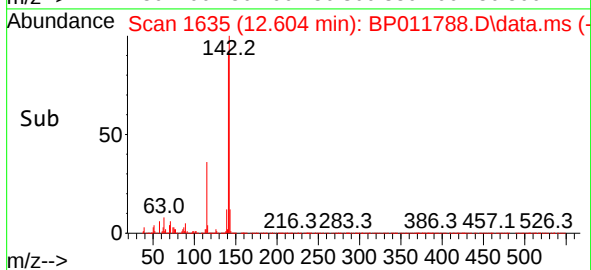
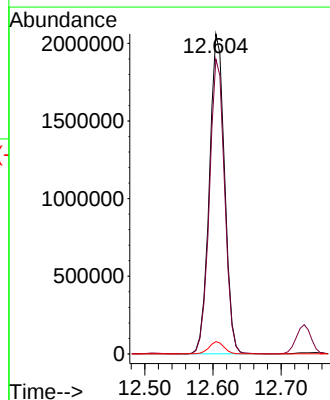
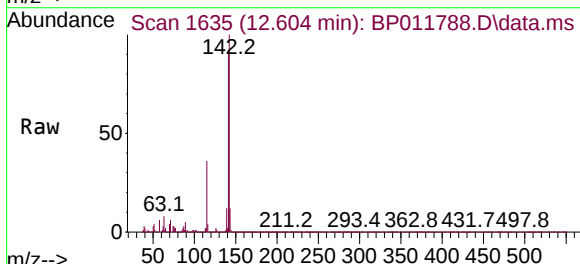
Manual Integrations
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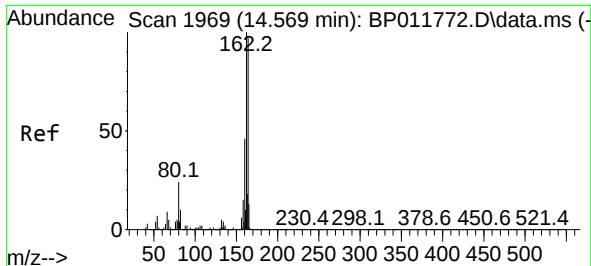
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#38
1-Methylnaphthalene
Concen: 43.815 ng
RT: 12.604 min Scan# 1635
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Tgt Ion:142 Resp: 3188736
Ion Ratio Lower Upper
142 100
141 92.1 73.4 110.2
116 3.8 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.563 min Scan# 1968
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Instrument :

BNA_P

ClientSampleId :

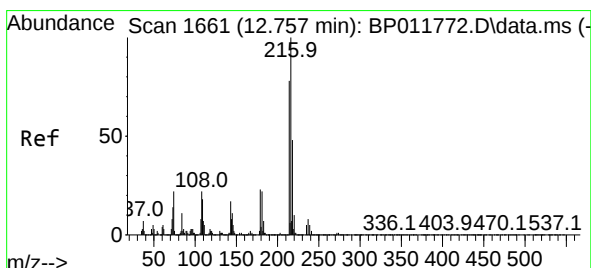
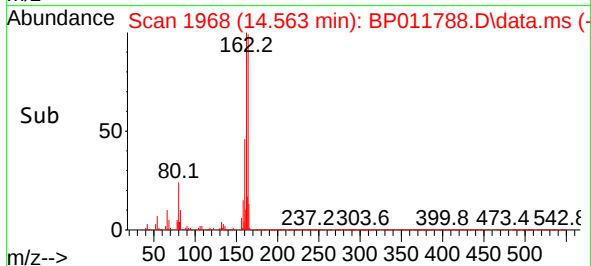
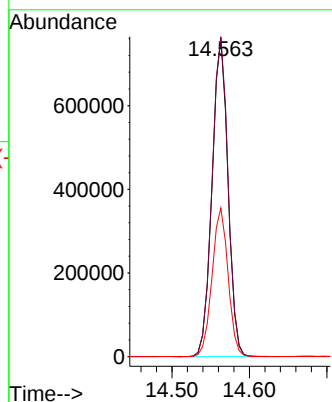
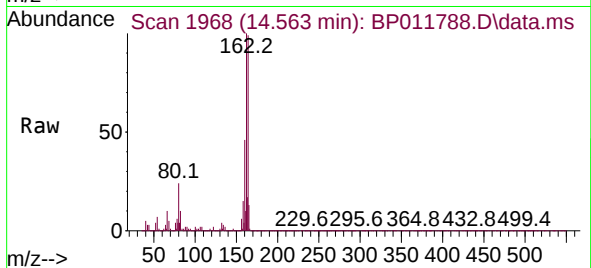
SP-1MSD

Tgt Ion:164 Resp: 1081608
Ion Ratio Lower Upper
164 100
162 100.6 82.5 123.7
160 46.7 37.8 56.6

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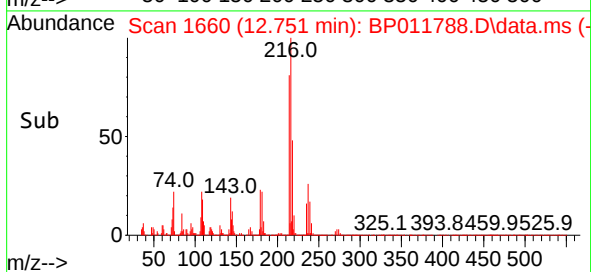
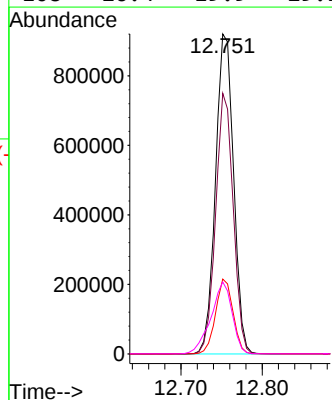
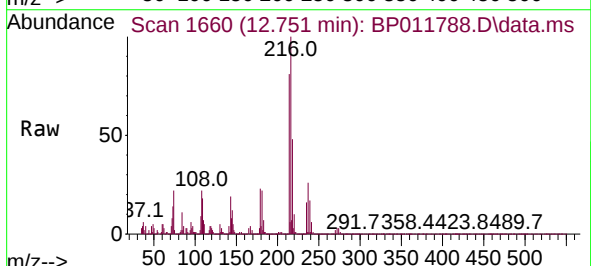
APPROVED

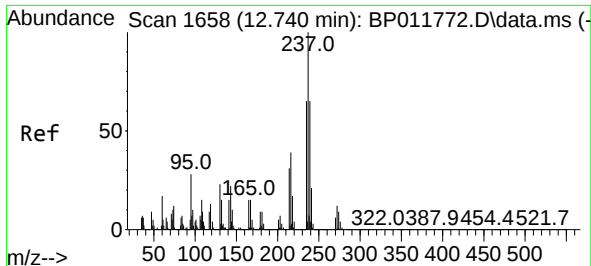
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#40
1,2,4,5-Tetrachlorobenzene
Concen: 58.400 ng
RT: 12.751 min Scan# 1660
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Tgt Ion:216 Resp: 1423558
Ion Ratio Lower Upper
216 100
214 79.2 63.3 94.9
179 22.5 18.5 27.7
108 26.4 19.9 29.9





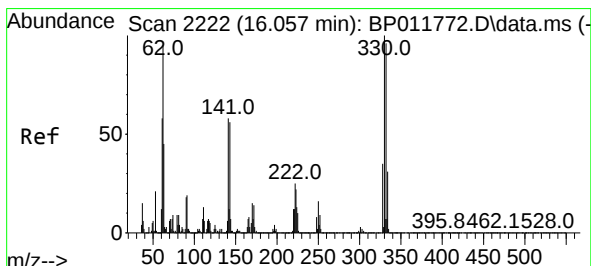
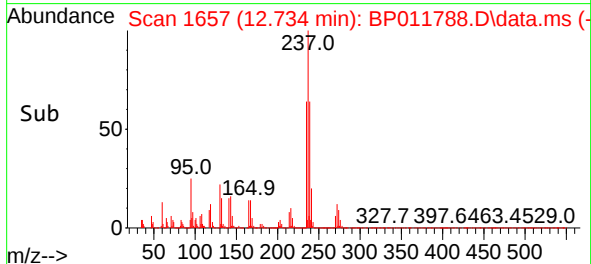
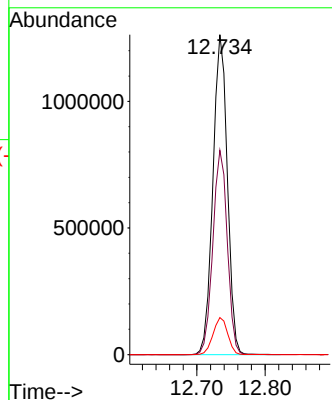
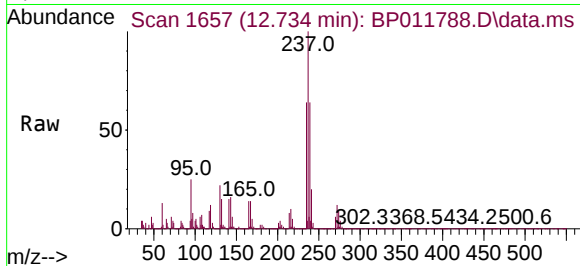
#41
Hexachlorocyclopentadiene
Concen: 155.029 ng
RT: 12.734 min Scan# 1657
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Instrument :
BNA_P
ClientSampleId :
SP-1MSD

Tgt Ion: 237 Resp: 1853320
Ion Ratio Lower Upper
237 100
235 63.8 45.5 85.5
272 11.6 0.0 31.6

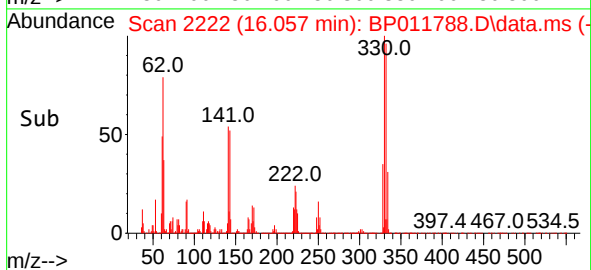
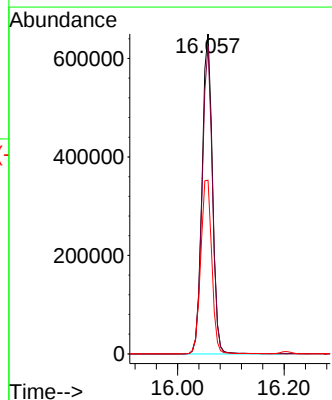
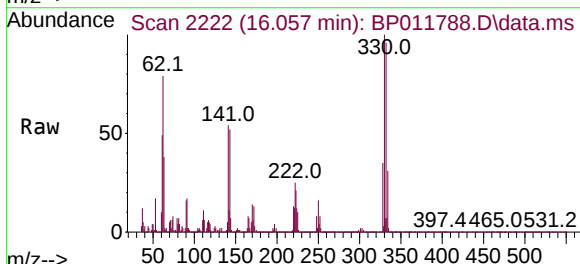
Manual Integrations
APPROVED

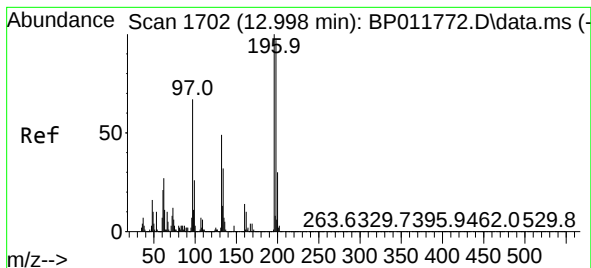
Reviewed By : Christian Giraldo 09/26/2022
Supervised By : Jagrut Upadhyay 09/26/2022



#42
2,4,6-Tribromophenol
Concen: 120.388 ng
RT: 16.057 min Scan# 2222
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

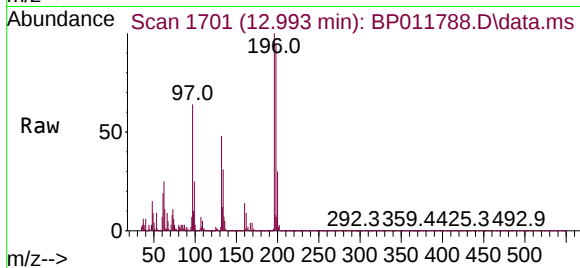
Tgt Ion: 330 Resp: 876781
Ion Ratio Lower Upper
330 100
332 95.2 76.6 114.8
141 57.8 48.7 73.1





#43
2,4,6-Trichlorophenol
Concen: 55.852 ng
RT: 12.993 min Scan# 1702
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

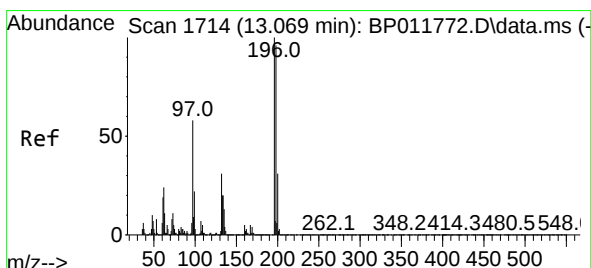
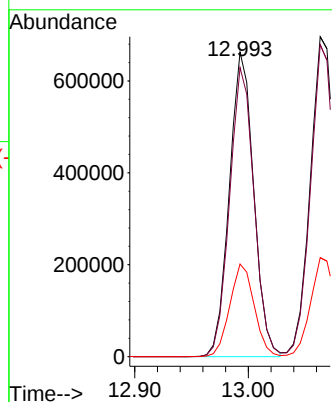
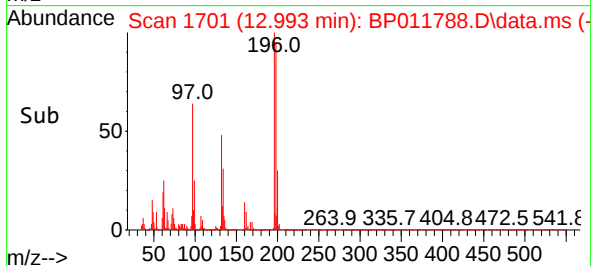
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:196 Resp: 985498
Ion Ratio Lower Upper
196 100
198 94.9 77.8 116.6
200 30.4 24.3 36.5

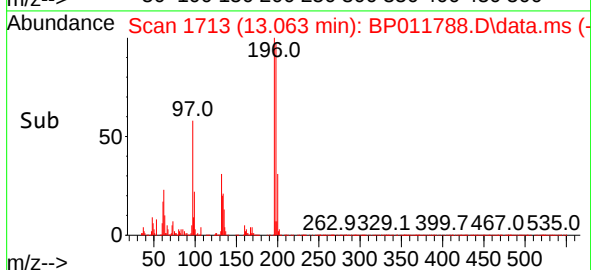
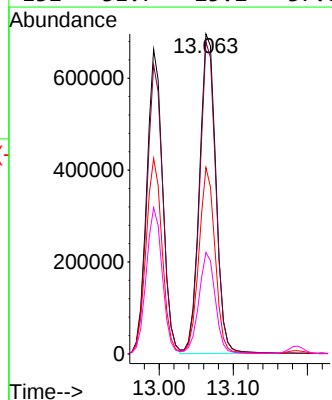
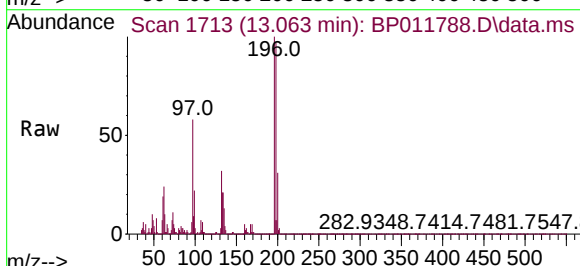
Manual Integrations
APPROVED

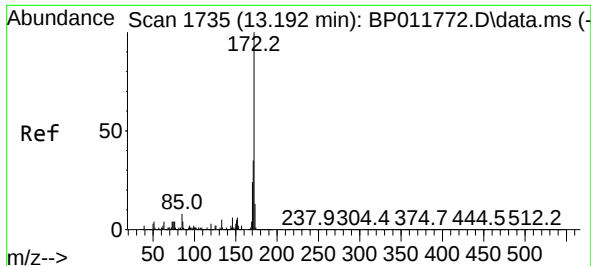
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#44
2,4,5-Trichlorophenol
Concen: 52.725 ng
RT: 13.063 min Scan# 1713
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

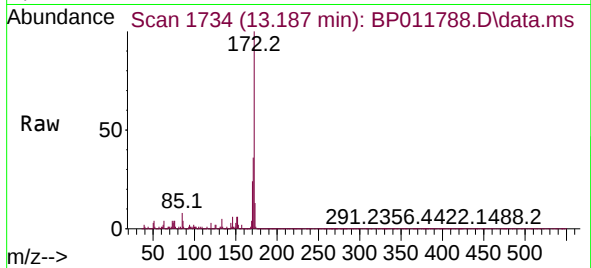
Tgt Ion:196 Resp: 1069295
Ion Ratio Lower Upper
196 100
198 97.5 77.0 115.6
97 58.2 46.2 69.4
132 31.7 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 73.924 ng
RT: 13.187 min Scan# 1735
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

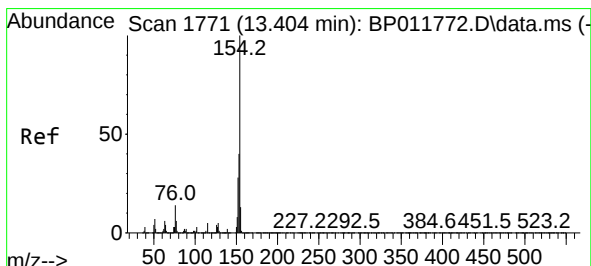
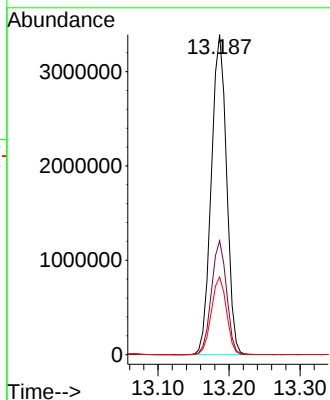
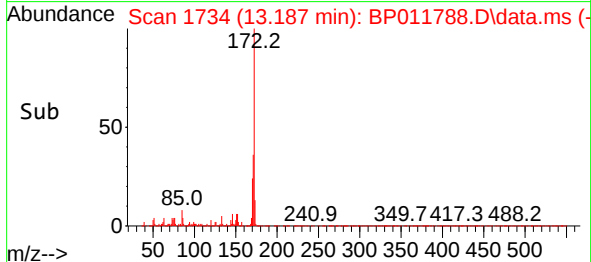
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



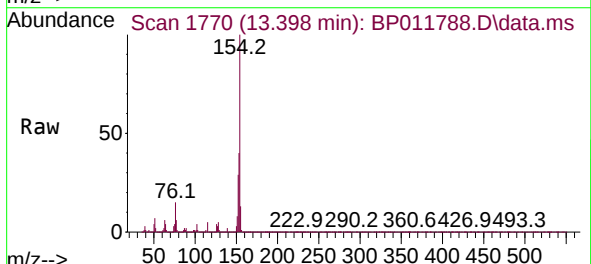
Tgt Ion:172 Resp: 505611
Ion Ratio Lower Upper
172 100
171 35.6 27.9 41.9
170 24.2 19.5 29.3

Manual Integrations
APPROVED

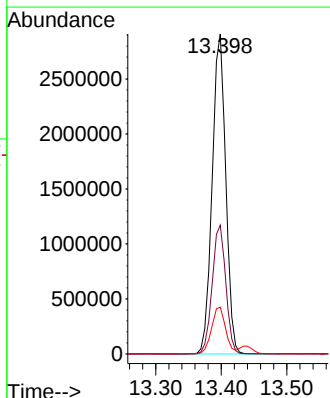
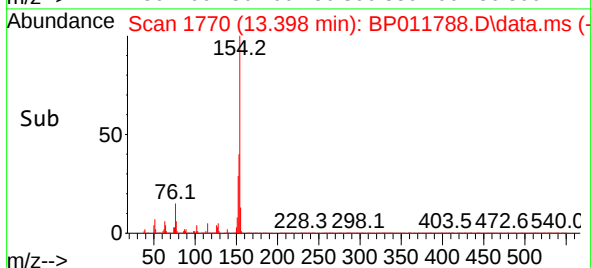
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

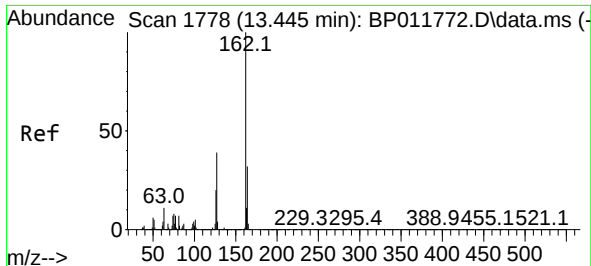


#46
1,1'-Biphenyl
Concen: 53.238 ng
RT: 13.398 min Scan# 1770
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10



Tgt Ion:154 Resp: 4183673
Ion Ratio Lower Upper
154 100
153 40.2 19.5 59.5
76 14.6 0.0 34.2





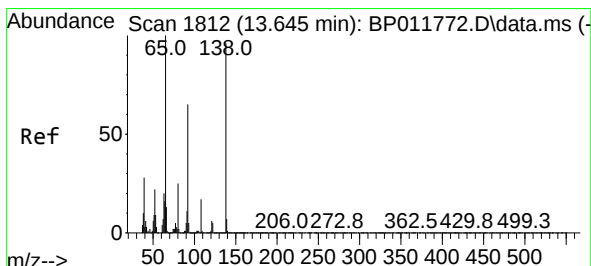
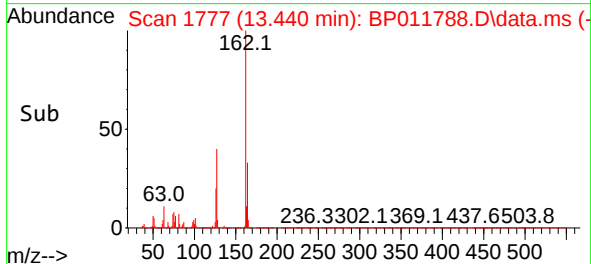
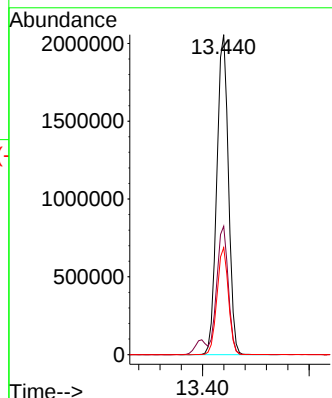
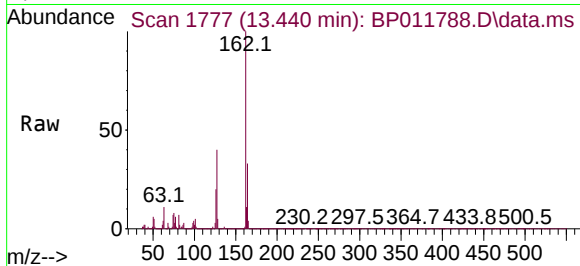
#47
2-Chloronaphthalene
Concen: 51.120 ng
RT: 13.440 min Scan# 1778
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Instrument :
BNA_P
ClientSampleId :
SP-1MSD

Tgt Ion: 162 Resp: 311600
Ion Ratio Lower Upper
162 100
127 40.1 31.5 47.3
164 33.4 25.9 38.9

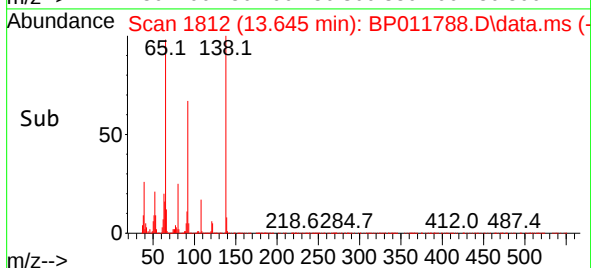
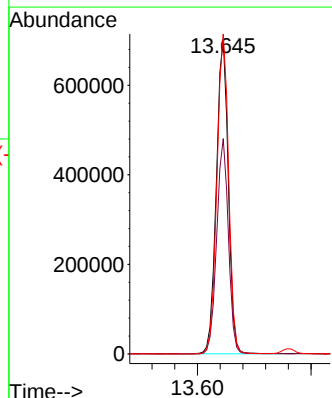
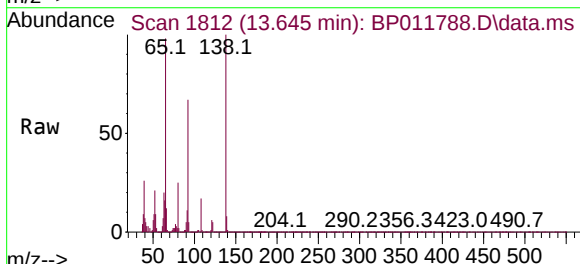
Manual Integrations
APPROVED

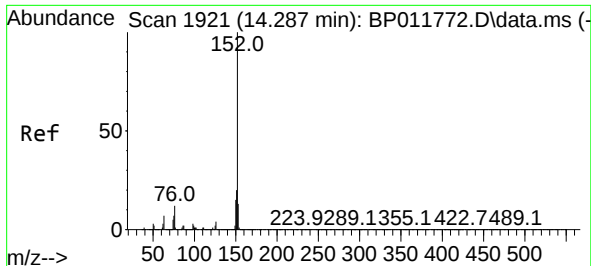
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#48
2-Nitroaniline
Concen: 47.094 ng
RT: 13.645 min Scan# 1812
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Tgt Ion: 65 Resp: 1023478
Ion Ratio Lower Upper
65 100
92 68.4 52.3 78.5
138 101.7 76.5 114.7





#49
Acenaphthylene
Concen: 49.340 ng
RT: 14.287 min Scan# 1921
Delta R.T. -0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Instrument :

BNA_P

ClientSampleId :

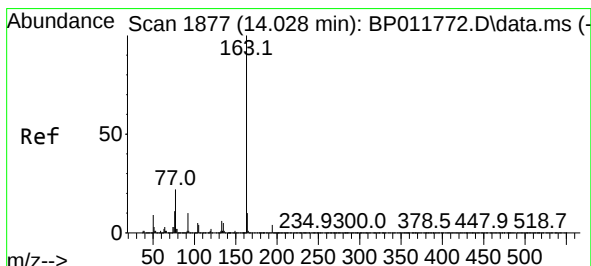
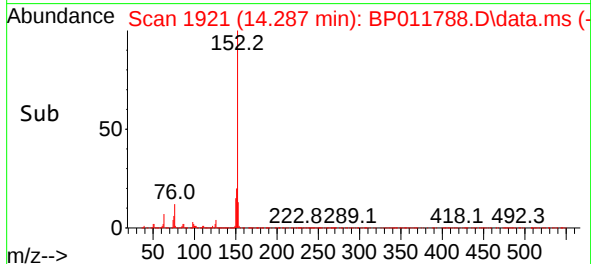
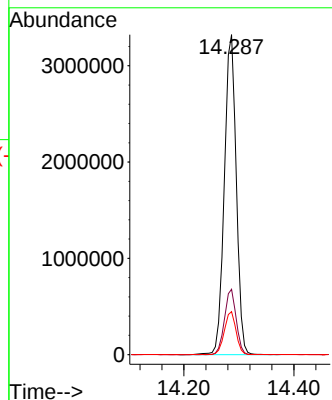
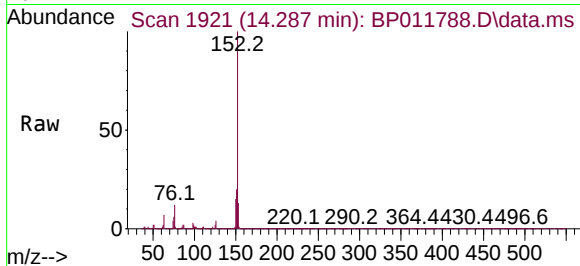
SP-1MSD

Tgt Ion:152 Resp: 4992020
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.4 10.6 16.0

Manual Integrations

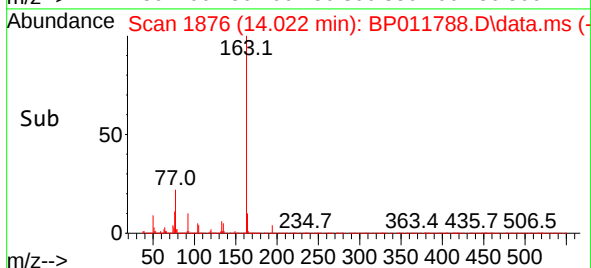
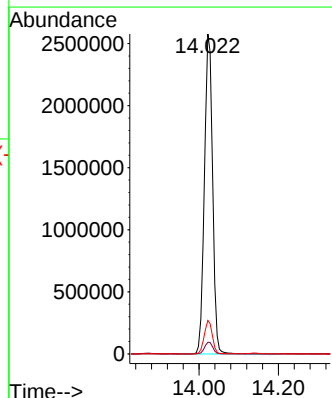
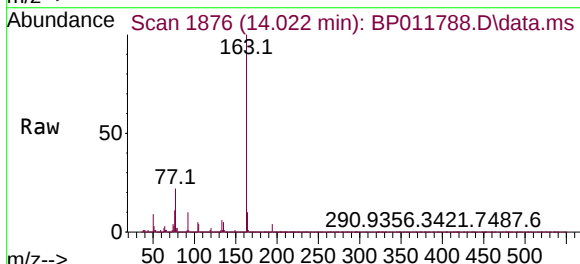
APPROVED

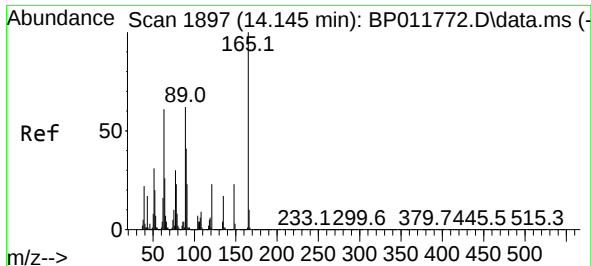
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#50
Dimethylphthalate
Concen: 46.301 ng
RT: 14.022 min Scan# 1876
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

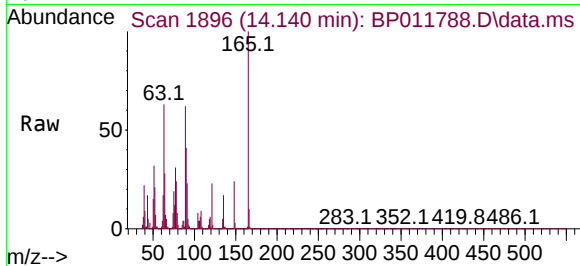
Tgt Ion:163 Resp: 3671936
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 48.933 ng
RT: 14.140 min Scan# 1897
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

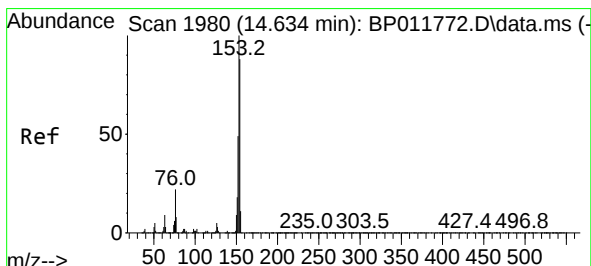
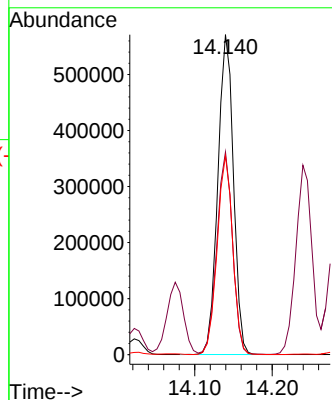
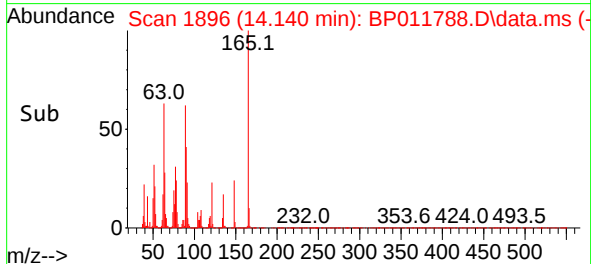
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:165 Resp: 801213
Ion Ratio Lower Upper
165 100
63 63.3 51.0 76.4
89 62.1 49.3 73.9

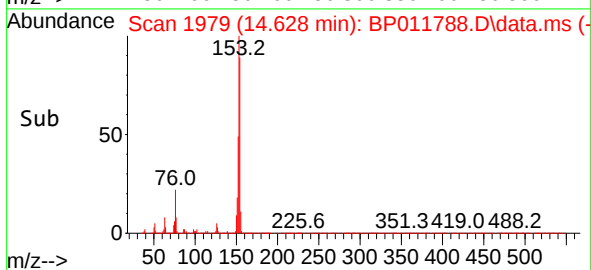
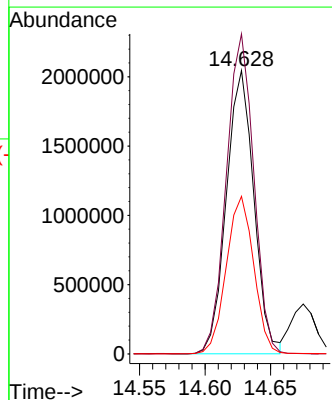
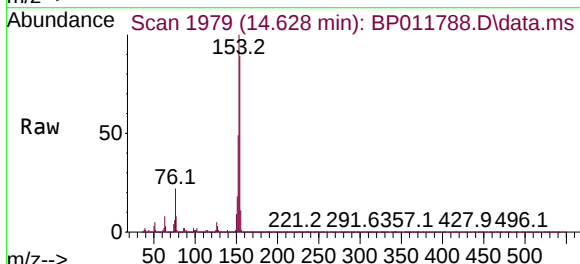
Manual Integrations
APPROVED

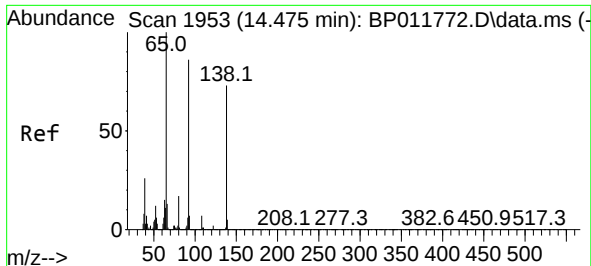
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#52
Acenaphthene
Concen: 48.180 ng
RT: 14.628 min Scan# 1979
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

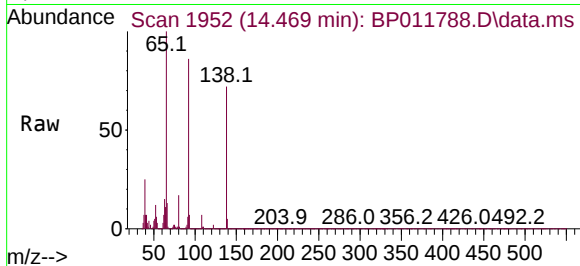
Tgt Ion:154 Resp: 2989678
Ion Ratio Lower Upper
154 100
153 113.0 90.8 136.2
152 55.6 44.6 66.8





#53
3-Nitroaniline
Concen: 35.391 ng
RT: 14.469 min Scan# 1953
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

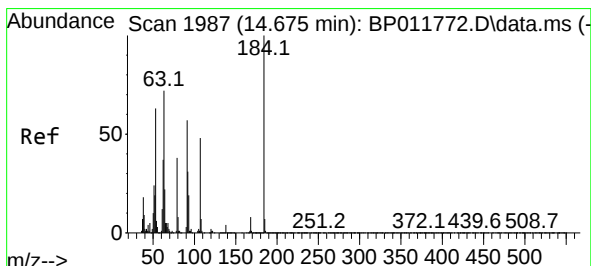
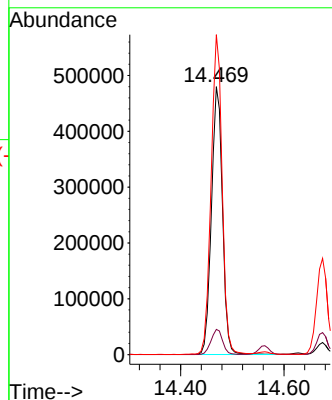
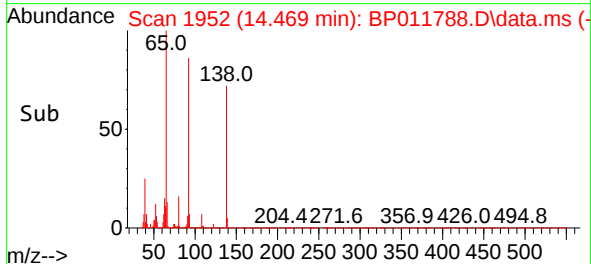
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:138 Resp: 709729
Ion Ratio Lower Upper
138 100
108 9.4 7.6 11.4
92 119.4 94.6 142.0

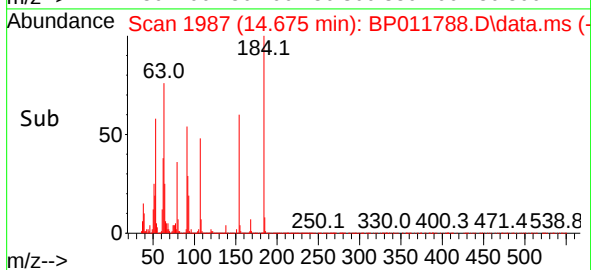
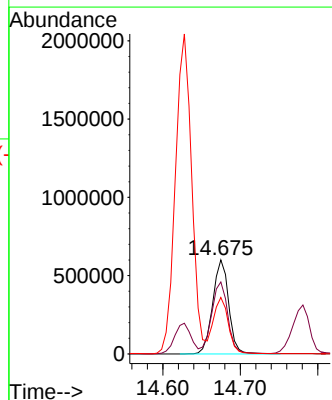
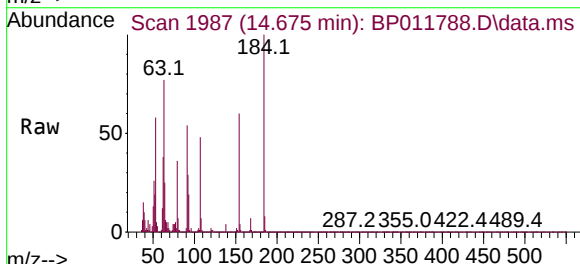
Manual Integrations
APPROVED

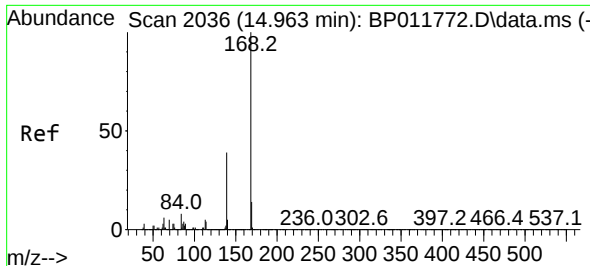
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#54
2,4-Dinitrophenol
Concen: 97.807 ng
RT: 14.675 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

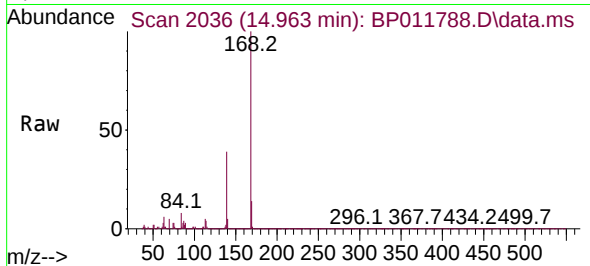
Tgt Ion:184 Resp: 859942
Ion Ratio Lower Upper
184 100
63 76.5 65.7 98.5
154 60.0 48.2 72.4





#55
Dibenzenofuran
Concen: 46.817 ng
RT: 14.963 min Scan# 2036
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

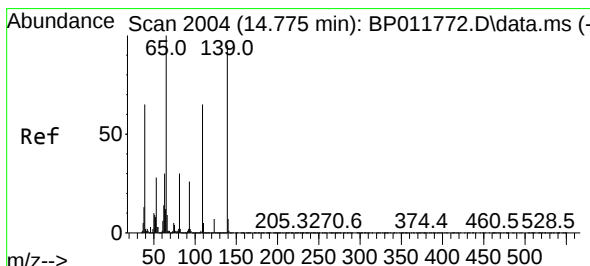
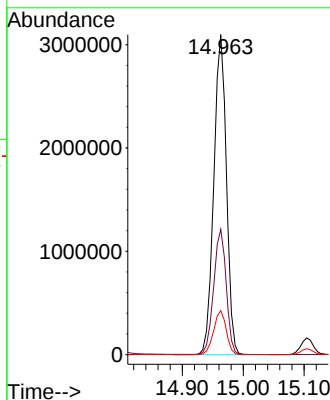
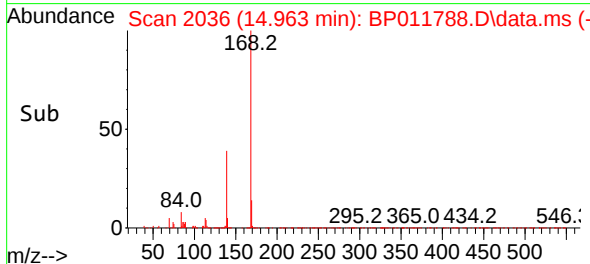
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:168 Resp: 445264
Ion Ratio Lower Upper
168 100
139 39.2 31.3 46.9
169 13.7 11.0 16.4

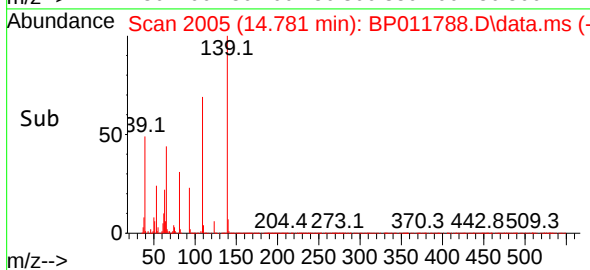
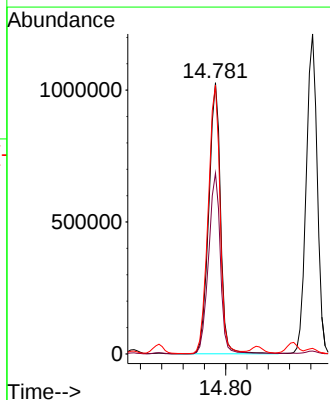
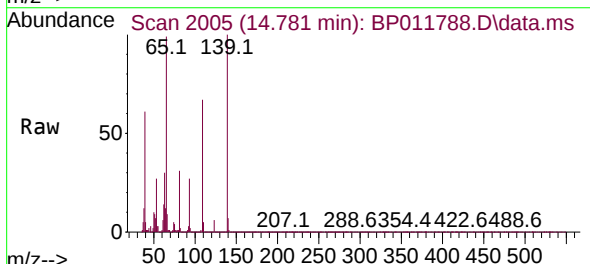
Manual Integrations
APPROVED

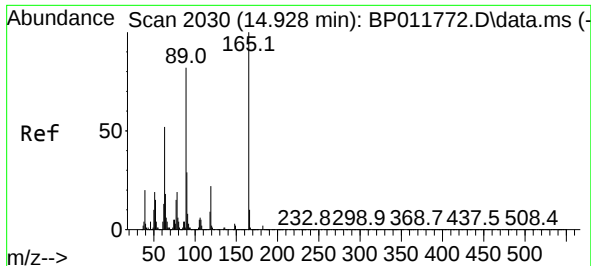
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#56
4-Nitrophenol
Concen: 94.616 ng
RT: 14.781 min Scan# 2005
Delta R.T. 0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

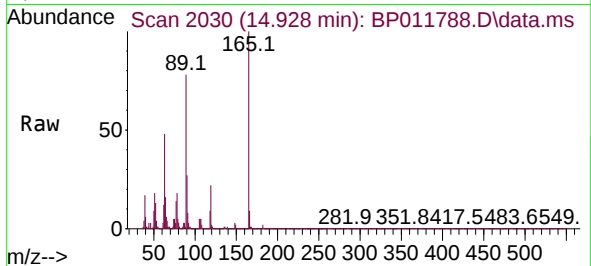
Tgt Ion:139 Resp: 1575715
Ion Ratio Lower Upper
139 100
109 66.7 48.3 88.3
65 99.2 85.0 125.0





#57
2,4-Dinitrotoluene
Concen: 44.576 ng
RT: 14.928 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

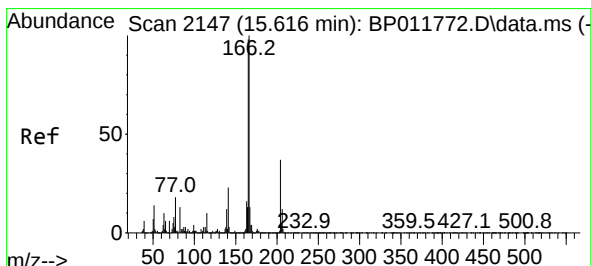
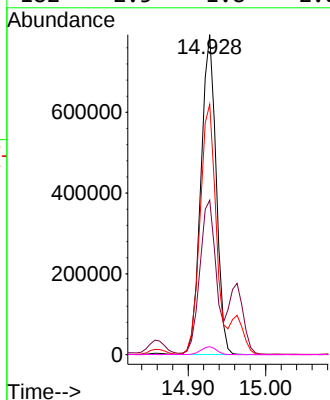
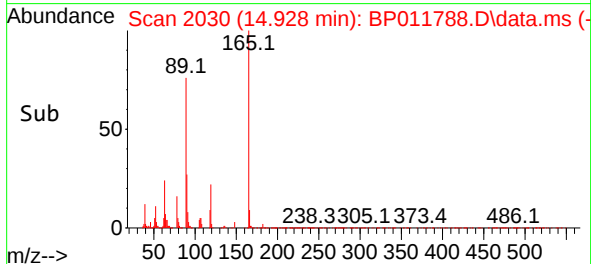
Instrument :
BNA_P
Client Sample Id :
SP-1MSD



Tgt Ion:165 Resp: 1079458
Ion Ratio Lower Upper
165 100
63 48.2 41.4 62.2
89 78.2 66.0 99.0
182 2.5 1.8 2.8

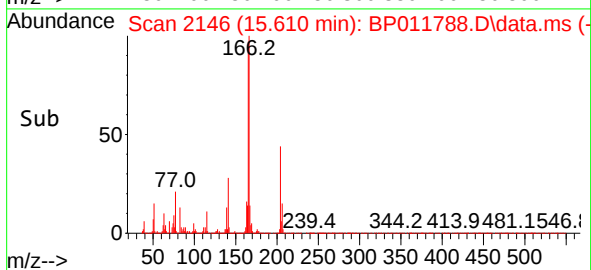
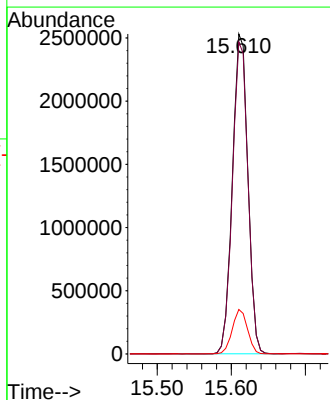
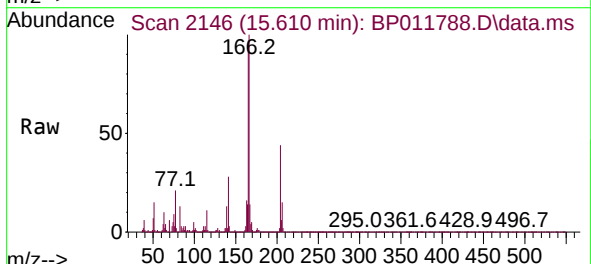
Manual Integrations
APPROVED

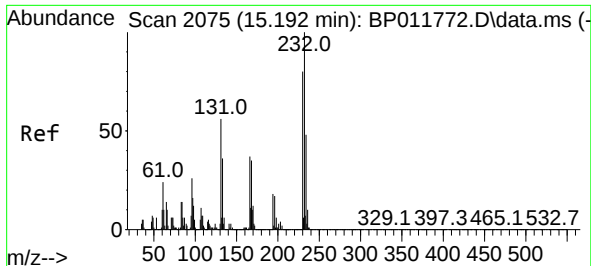
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#58
Fluorene
Concen: 45.432 ng
RT: 15.610 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

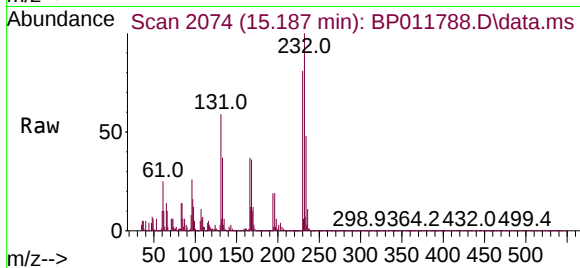
Tgt Ion:166 Resp: 3665810
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.4
167 13.9 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 47.714 ng m
RT: 15.187 min Scan# 2075
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

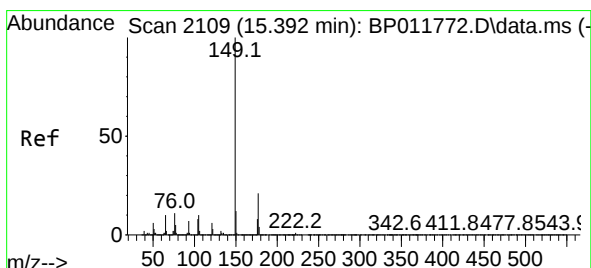
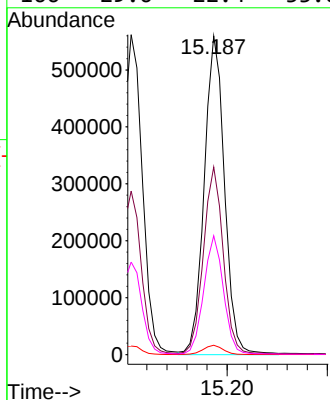
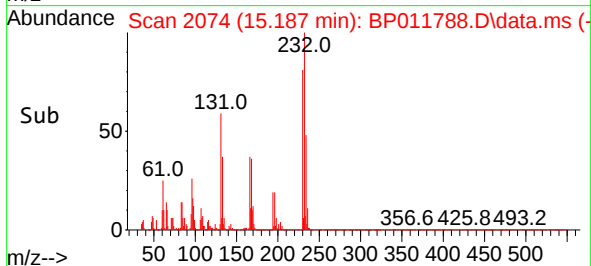
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:232 Resp: 790088
Ion Ratio Lower Upper
232 100
131 51.5 39.5 59.3
130 2.9 2.3 3.5
166 29.6 22.4 33.6

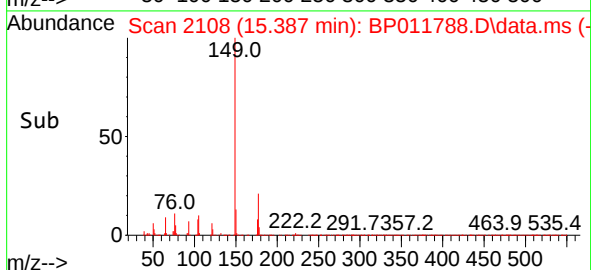
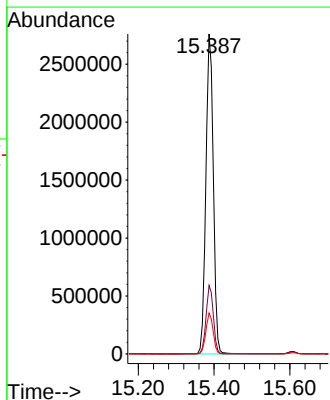
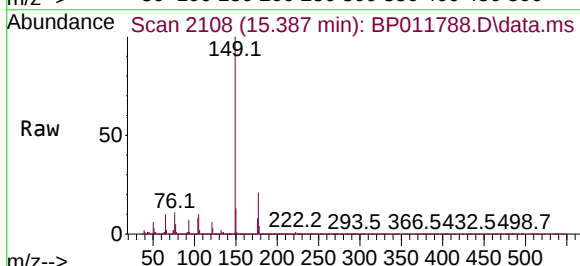
Manual Integrations
APPROVED

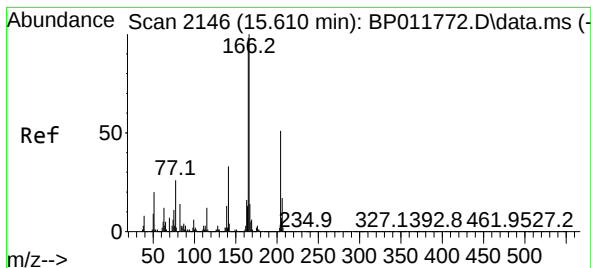
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#60
Diethylphthalate
Concen: 45.348 ng
RT: 15.387 min Scan# 2108
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

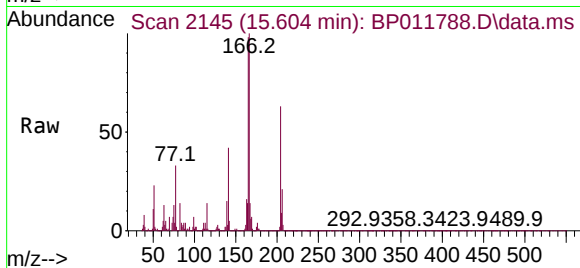
Tgt Ion:149 Resp: 3755060
Ion Ratio Lower Upper
149 100
177 21.4 16.9 25.3
150 12.8 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 48.781 ng
RT: 15.604 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

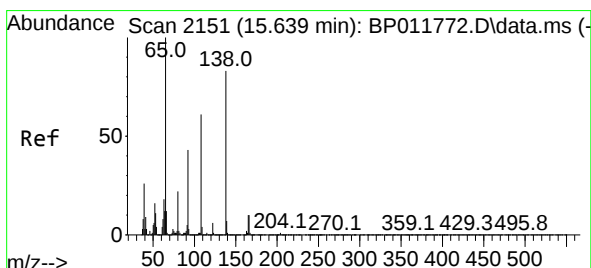
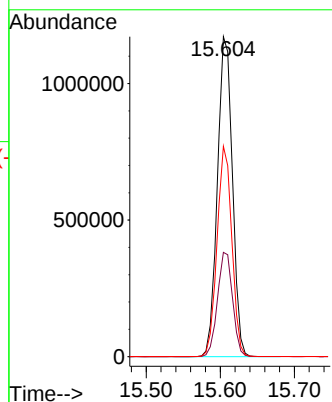
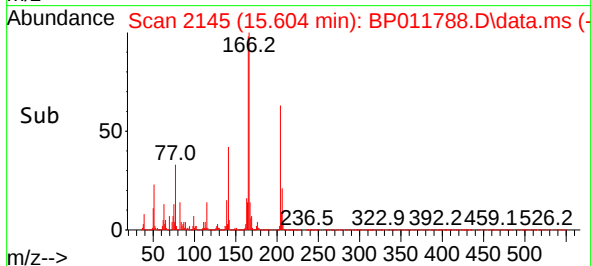
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



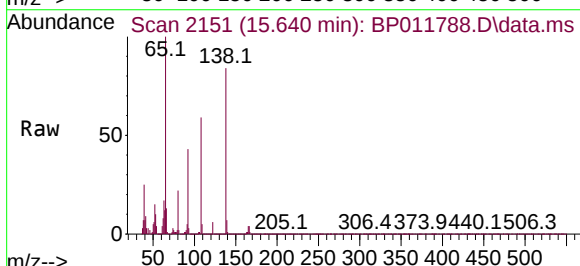
Tgt Ion:204 Resp: 1645636
Ion Ratio Lower Upper
204 100
206 32.6 26.2 39.4
141 65.7 51.4 77.2

Manual Integrations
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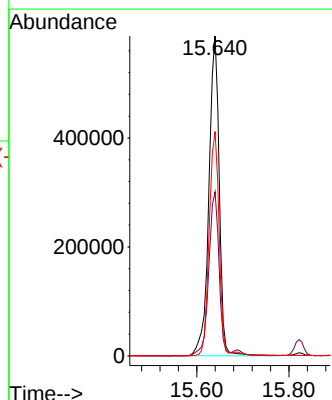
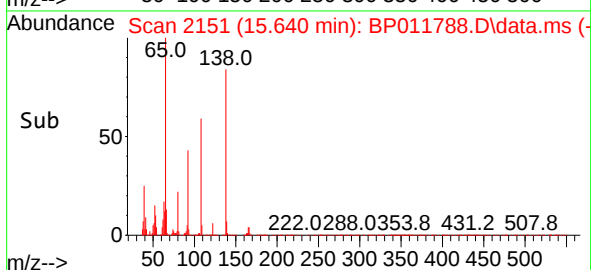
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022

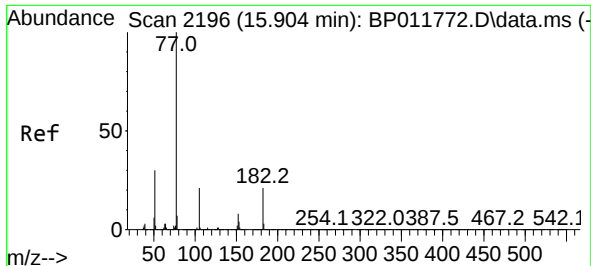


#62
4-Nitroaniline
Concen: 39.488 ng
RT: 15.640 min Scan# 2151
Delta R.T. 0.001 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10



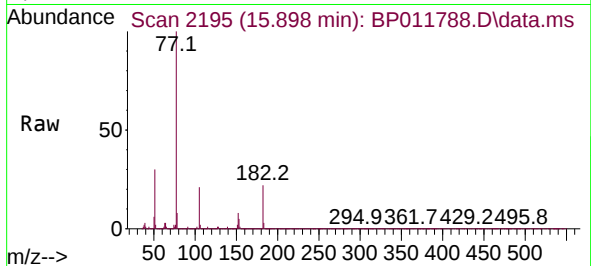
Tgt Ion:138 Resp: 915435
Ion Ratio Lower Upper
138 100
92 51.3 31.9 71.9
108 70.1 53.3 93.3





#63
Azobenzene
Concen: 43.992 ng
RT: 15.898 min Scan# 2196
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

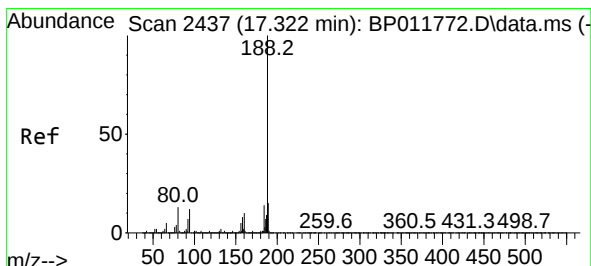
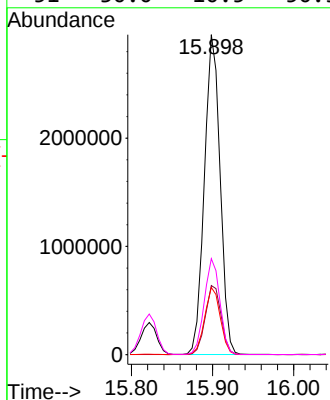
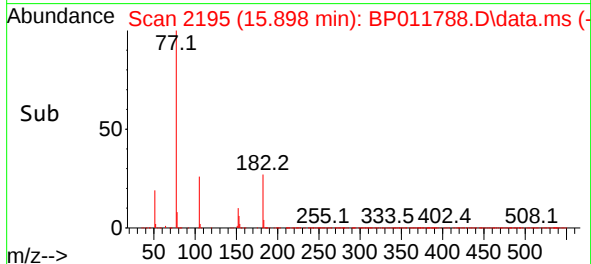
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion: 77 Resp: 398876
Ion Ratio Lower Upper
77 100
182 21.6 1.3 41.3
105 21.0 0.5 40.5
51 30.0 10.5 50.5

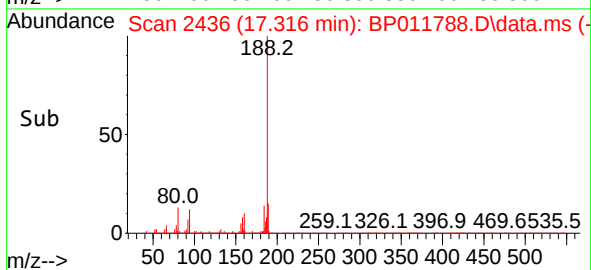
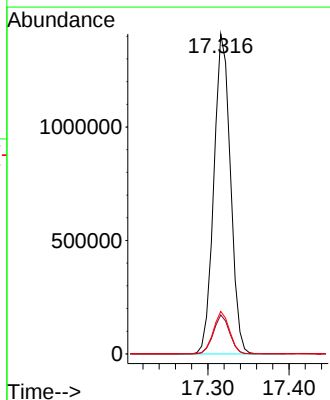
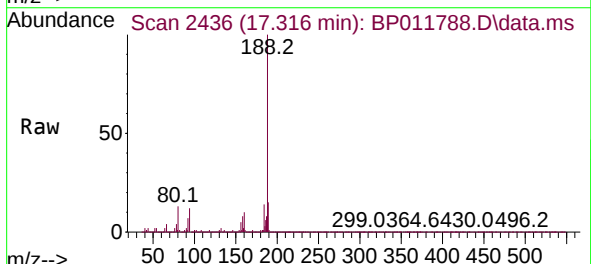
Manual Integrations
APPROVED

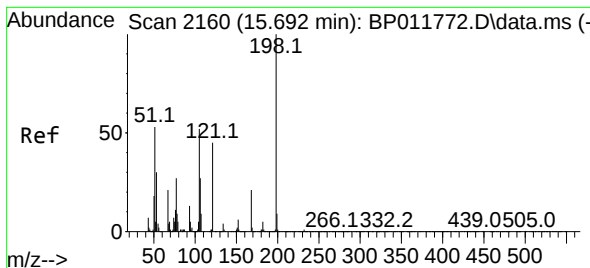
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.316 min Scan# 2436
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

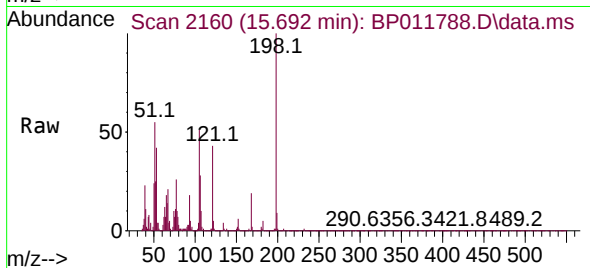
Tgt Ion:188 Resp: 1999137
Ion Ratio Lower Upper
188 100
94 12.2 9.4 14.0
80 13.3 10.6 15.8





#65
4,6-Dinitro-2-methylphenol
Concen: 47.560 ng
RT: 15.692 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

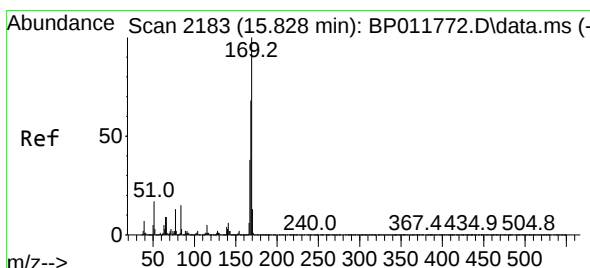
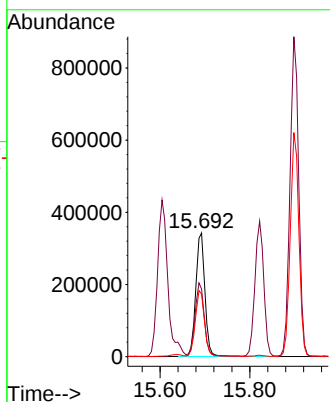
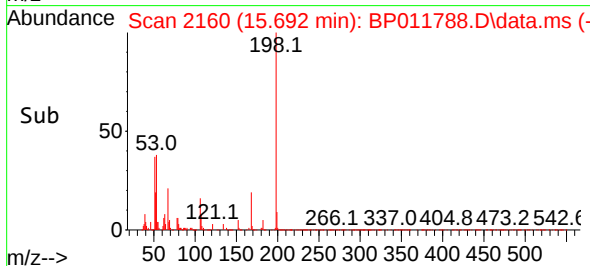
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:198 Resp: 481278
Ion Ratio Lower Upper
198 100
51 54.7 41.6 81.6
105 50.5 33.2 73.2

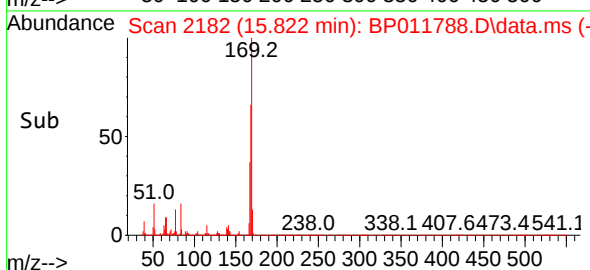
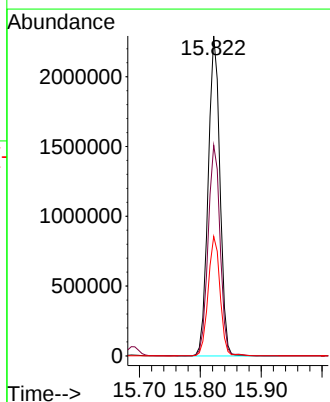
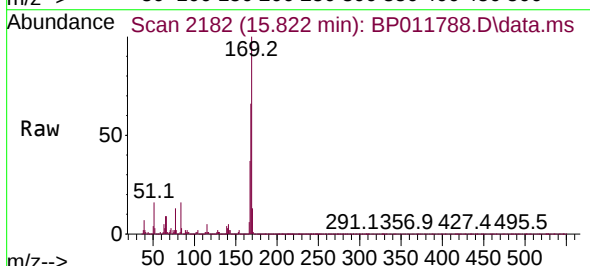
Manual Integrations
APPROVED

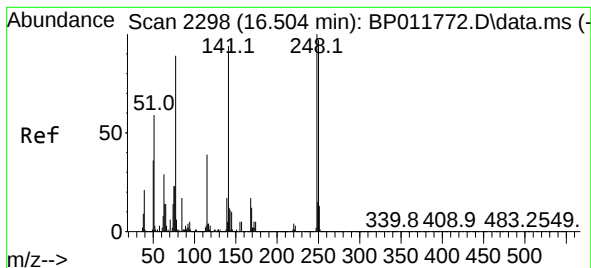
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#66
n-Nitrosodiphenylamine
Concen: 51.569 ng
RT: 15.822 min Scan# 2182
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

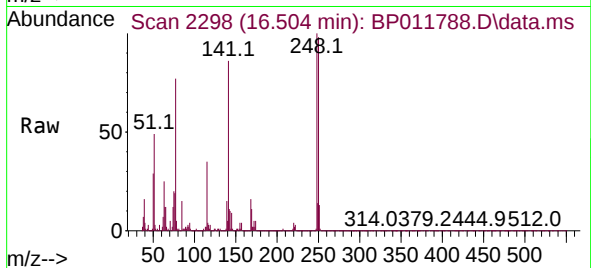
Tgt Ion:169 Resp: 3071857
Ion Ratio Lower Upper
169 100
168 65.8 54.5 81.7
167 37.4 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 54.294 ng
RT: 16.504 min Scan# 2298
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

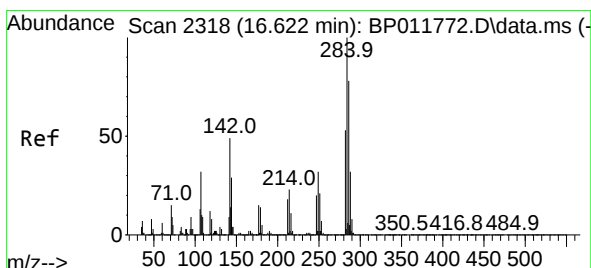
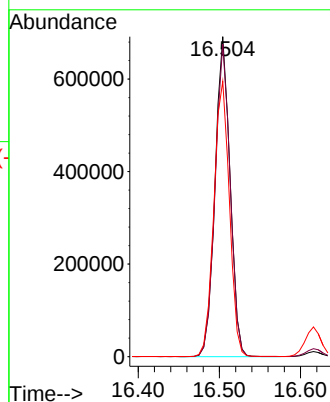
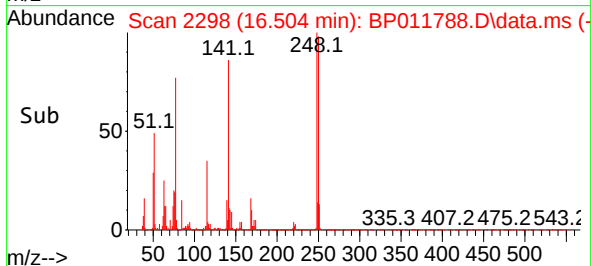
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:248 Resp: 890123
Ion Ratio Lower Upper
248 100
250 97.6 77.6 116.4
141 86.0 75.4 113.0

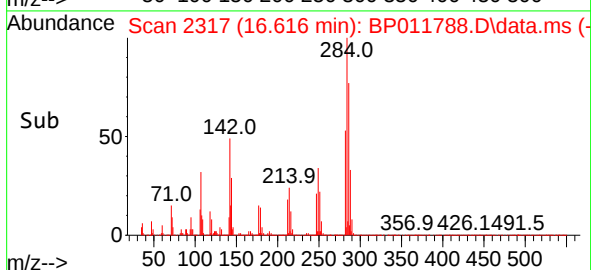
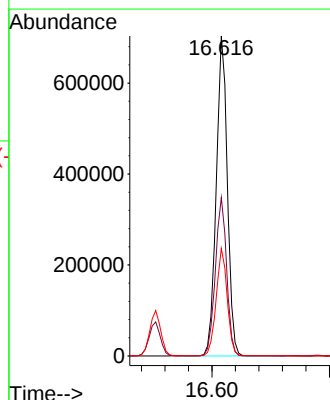
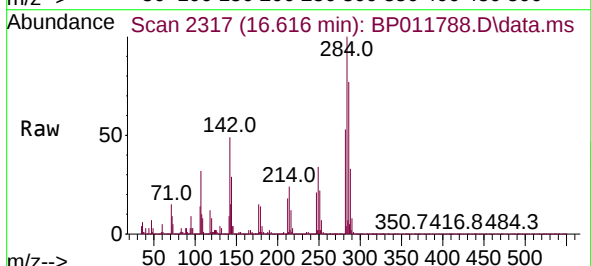
Manual Integrations
APPROVED

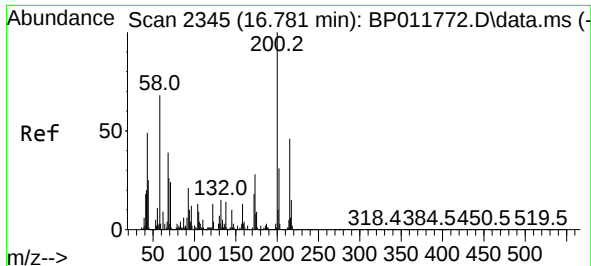
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#68
Hexachlorobenzene
Concen: 52.840 ng
RT: 16.616 min Scan# 2317
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

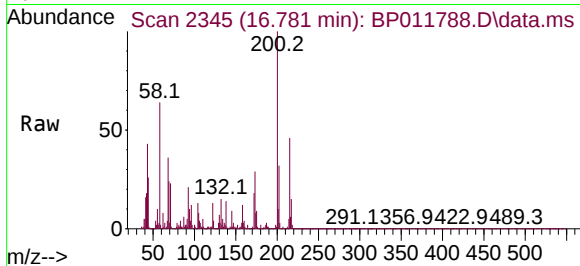
Tgt Ion:284 Resp: 920450
Ion Ratio Lower Upper
284 100
142 49.5 39.0 58.4
249 33.6 25.9 38.9





#69
 Atrazine
 Concen: 56.739 ng
 RT: 16.781 min Scan# 2345
 Delta R.T. 0.000 min
 Lab File: BP011788.D
 Acq: 23 Sep 2022 18:10

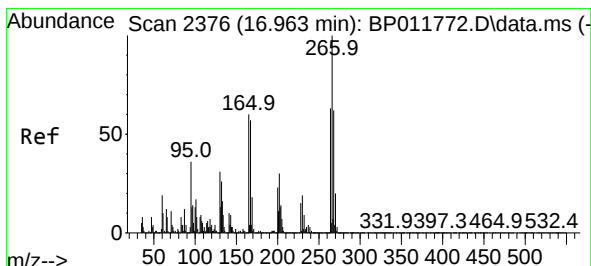
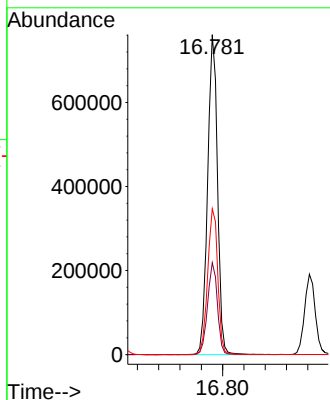
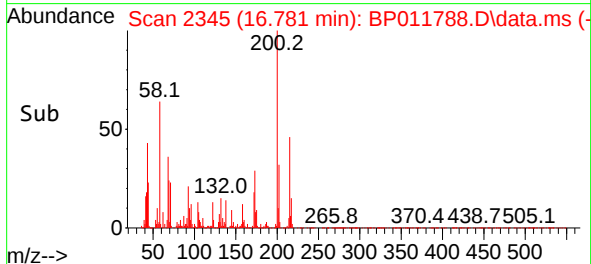
Instrument :
 BNA_P
 ClientSampleId :
 SP-1MSD



Tgt Ion:200 Resp: 978722
 Ion Ratio Lower Upper
 200 100
 173 28.7 8.5 48.5
 215 45.6 26.3 66.3

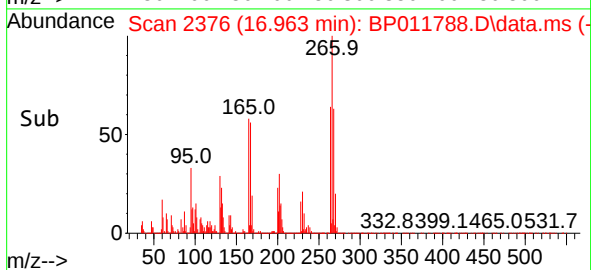
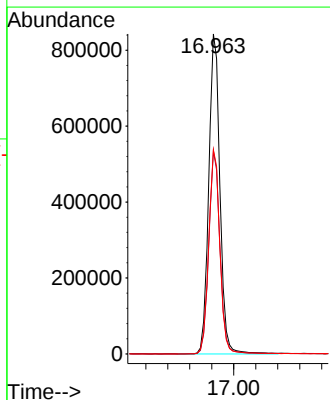
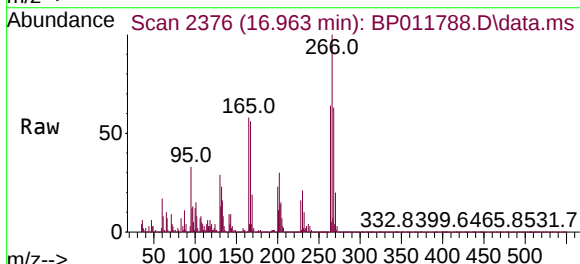
Manual Integrations
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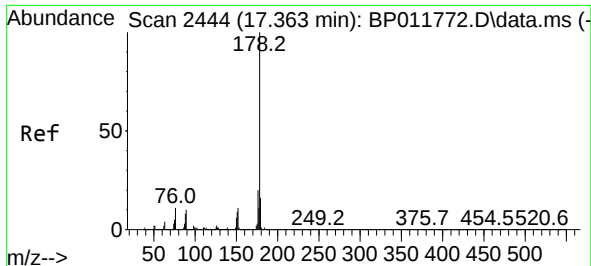
Reviewed By :Christian Giraldo 09/26/2022
 Supervised By :Jagrut Upadhyay 09/26/2022



#70
 Pentachlorophenol
 Concen: 94.250 ng
 RT: 16.963 min Scan# 2376
 Delta R.T. -0.000 min
 Lab File: BP011788.D
 Acq: 23 Sep 2022 18:10

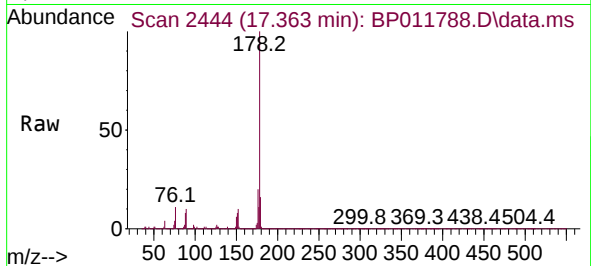
Tgt Ion:266 Resp: 1191519
 Ion Ratio Lower Upper
 266 100
 268 63.5 49.7 74.5
 264 63.8 50.6 75.8





#71
Phenanthrene
Concen: 47.149 ng
RT: 17.363 min Scan# 2444
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

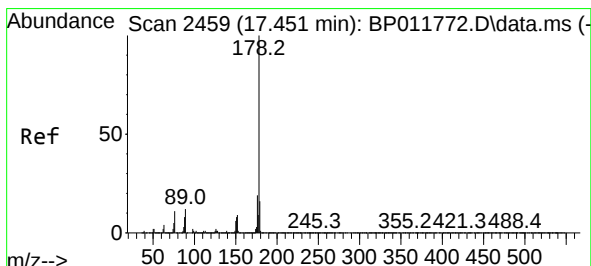
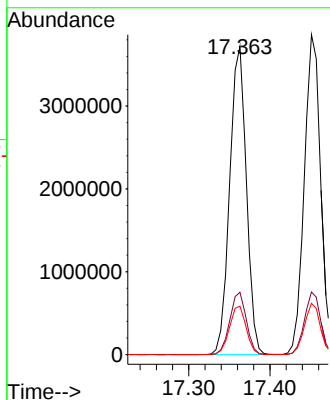
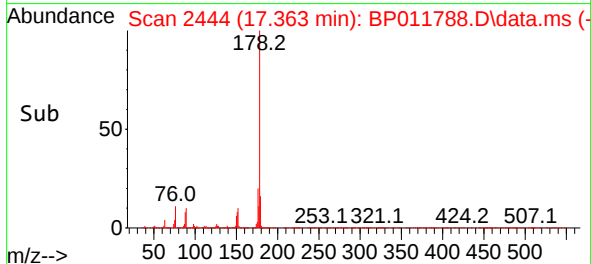
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:178 Resp: 5316280
Ion Ratio Lower Upper
178 100
176 20.2 16.2 24.2
179 15.7 12.6 18.8

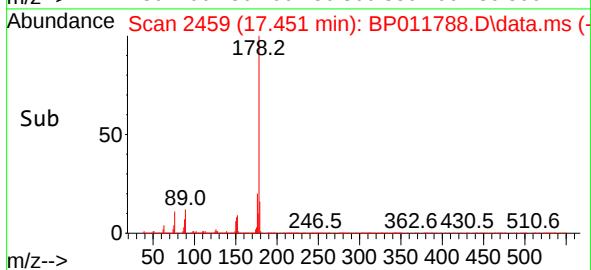
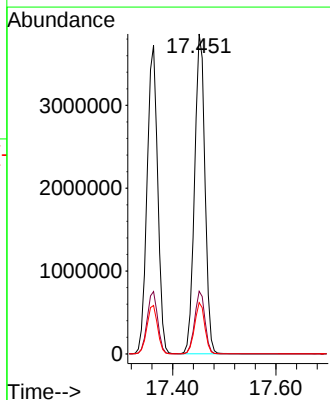
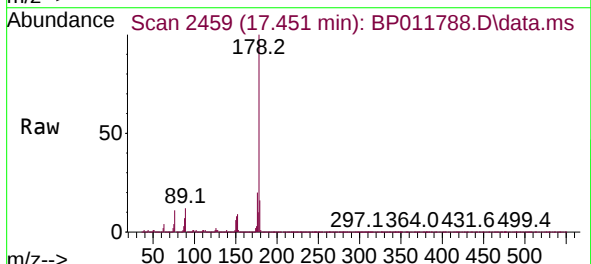
Manual Integrations
APPROVED

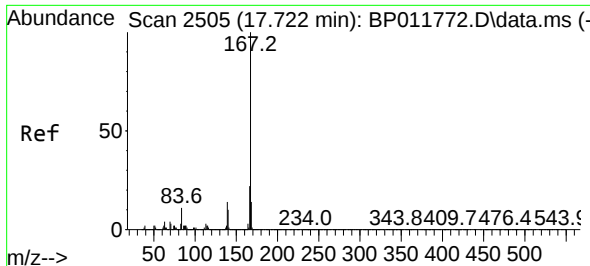
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#72
Anthracene
Concen: 49.874 ng
RT: 17.451 min Scan# 2459
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

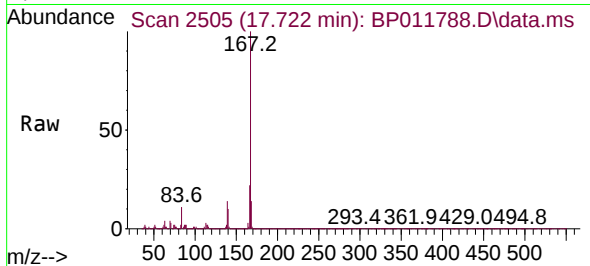
Tgt Ion:178 Resp: 5378503
Ion Ratio Lower Upper
178 100
176 19.6 15.5 23.3
179 16.0 12.7 19.1





#73
 Carbazole
 Concen: 47.914 ng
 RT: 17.722 min Scan# 2505
 Delta R.T. 0.000 min
 Lab File: BP011788.D
 Acq: 23 Sep 2022 18:10

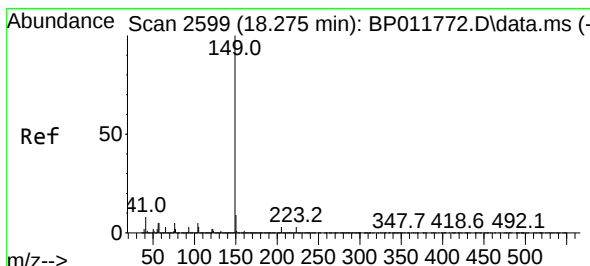
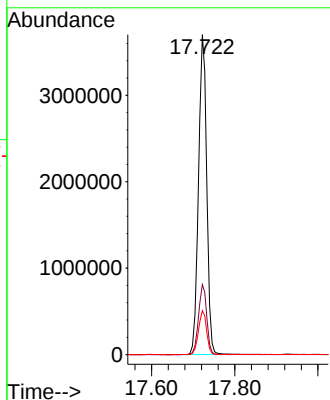
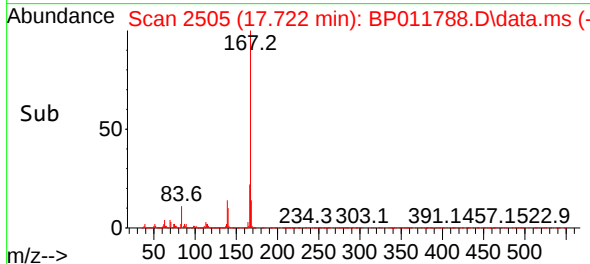
Instrument :
 BNA_P
 ClientSampleId :
 SP-1MSD



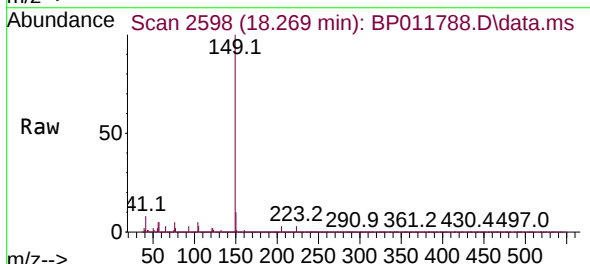
Tgt Ion:167 Resp: 5060616
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.4 26.2
 139 13.7 11.0 16.6

Manual Integrations
 APPROVED

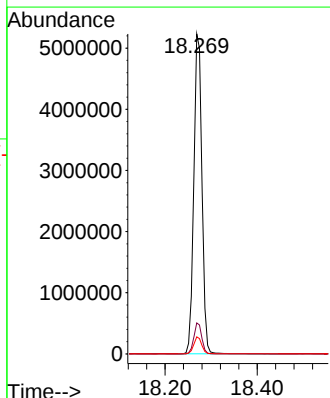
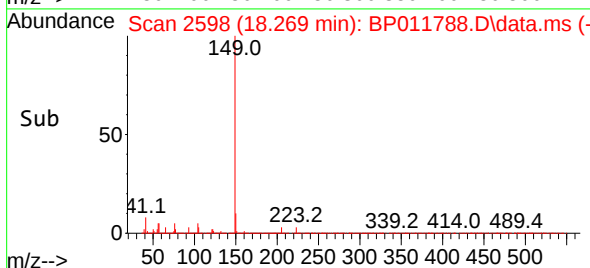
Reviewed By :Christian Giraldo 09/26/2022
 Supervised By :Jagrut Upadhyay 09/26/2022

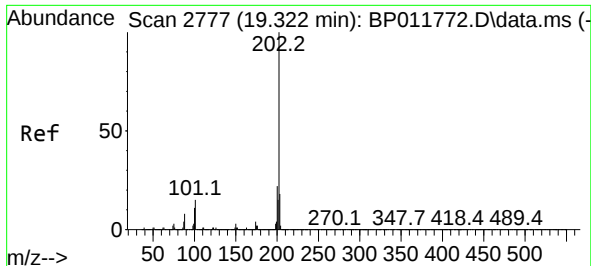


#74
 Di-n-butylphthalate
 Concen: 49.976 ng
 RT: 18.269 min Scan# 2598
 Delta R.T. -0.006 min
 Lab File: BP011788.D
 Acq: 23 Sep 2022 18:10



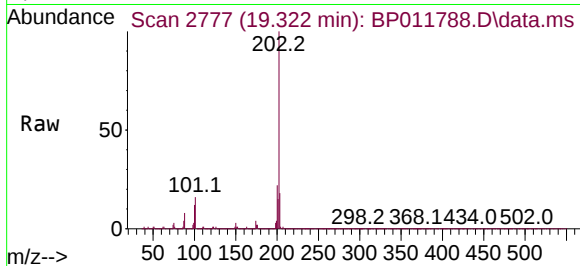
Tgt Ion:149 Resp: 6358096
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.5 11.3
 104 5.4 4.2 6.4





#75
Fluoranthene
Concen: 45.312 ng
RT: 19.322 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

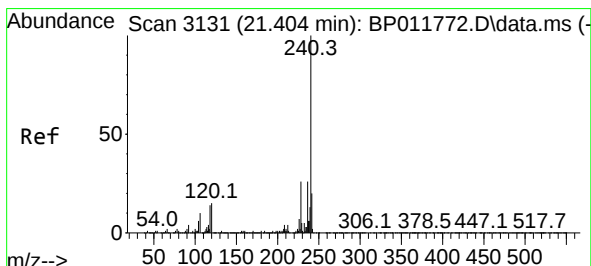
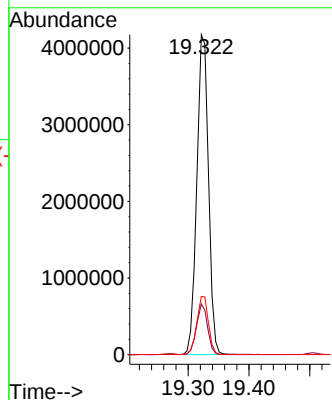
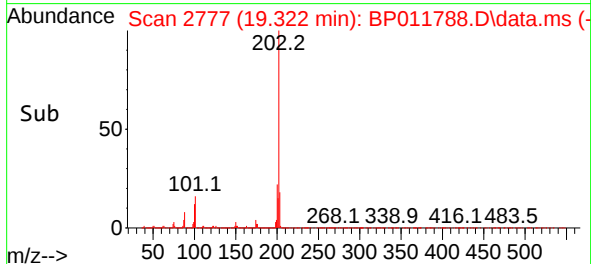
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:202 Resp: 5554220
Ion Ratio Lower Upper
202 100
101 15.8 0.0 35.5
203 18.2 0.0 38.1

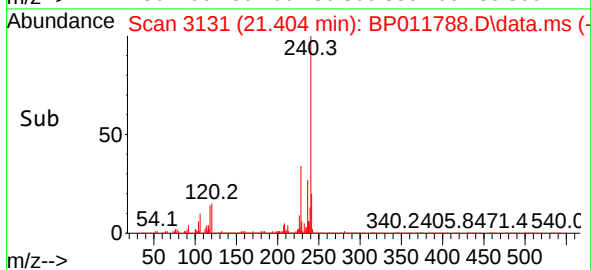
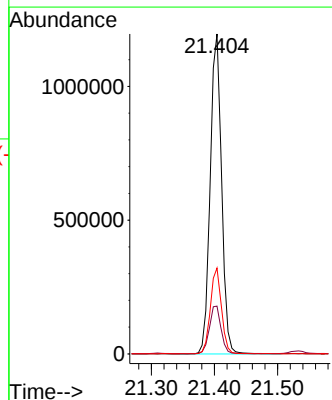
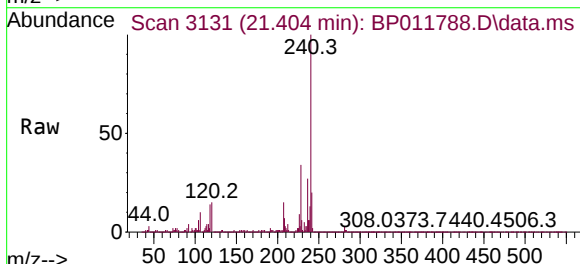
Manual Integrations
APPROVED

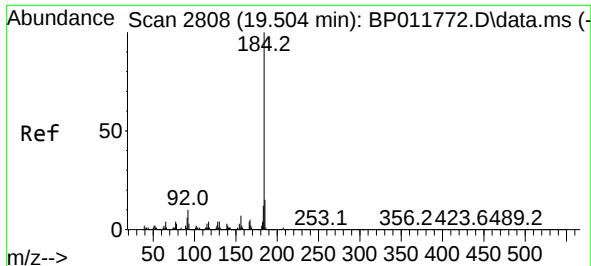
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.404 min Scan# 3131
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Tgt Ion:240 Resp: 1494338
Ion Ratio Lower Upper
240 100
120 14.9 12.0 18.0
236 26.8 21.1 31.7





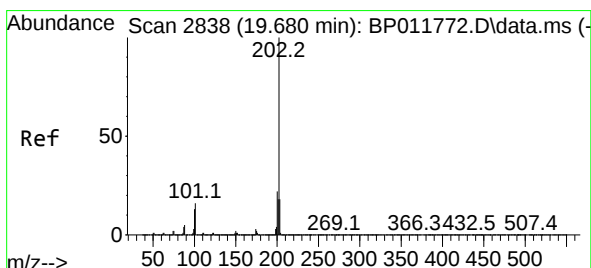
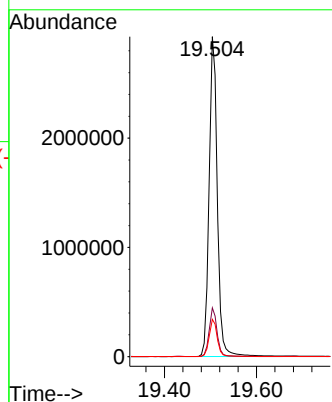
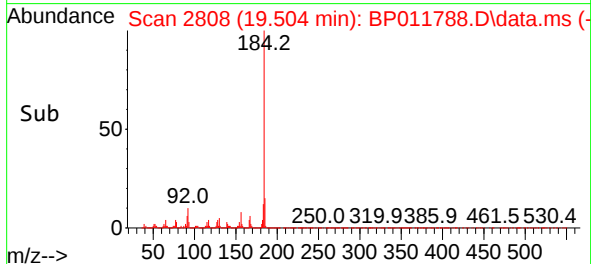
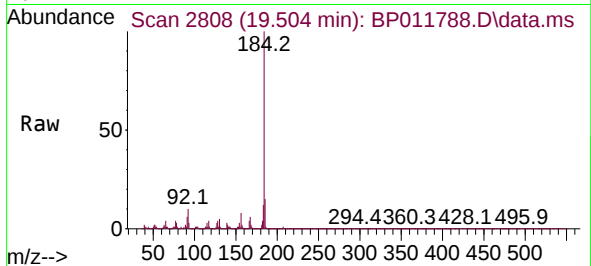
#77
Benzidine
Concen: 124.746 ng
RT: 19.504 min Scan# 2808
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Instrument :
BNA_P
Client SampleId :
SP-1MSD

Tgt Ion:184 Resp: 3617915
Ion Ratio Lower Upper
184 100
185 15.2 11.7 17.5
183 11.6 9.3 13.9

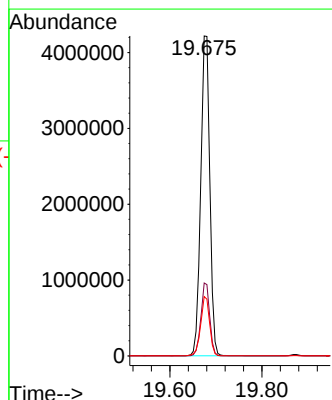
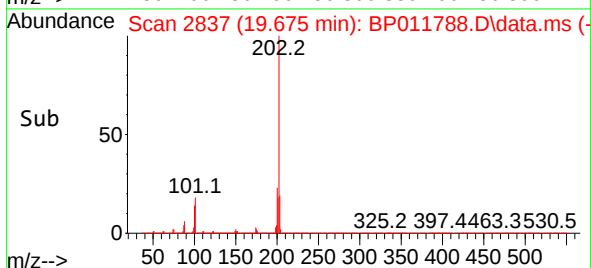
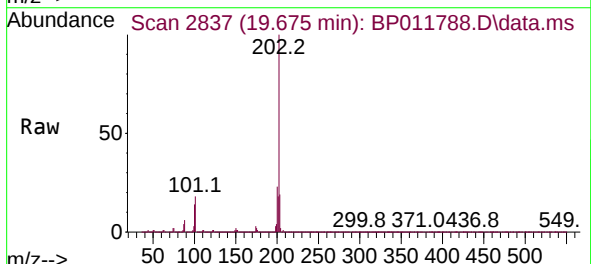
Manual Integrations
APPROVED

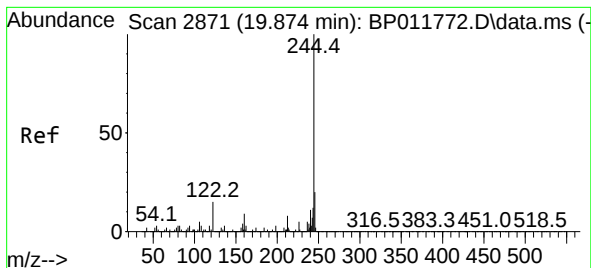
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#78
Pyrene
Concen: 57.551 ng
RT: 19.675 min Scan# 2837
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Tgt Ion:202 Resp: 5746632
Ion Ratio Lower Upper
202 100
200 22.8 17.8 26.6
203 18.6 14.3 21.5





#79

Terphenyl-d14

Concen: 84.135 ng

RT: 19.875 min Scan# 2871

Delta R.T. 0.000 min

Lab File: BP011788.D

Acq: 23 Sep 2022 18:10

Instrument :

BNA_P

ClientSampleId :

SP-1MSD

Tgt Ion:244 Resp: 5467956

Ion Ratio Lower Upper

244 100

212 8.1 6.5 9.7

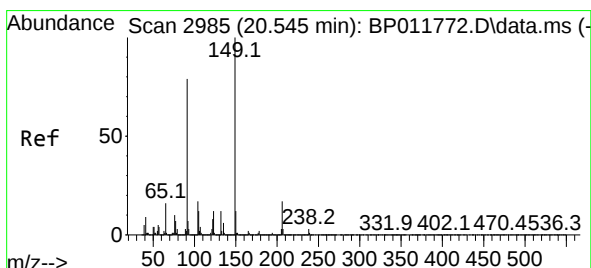
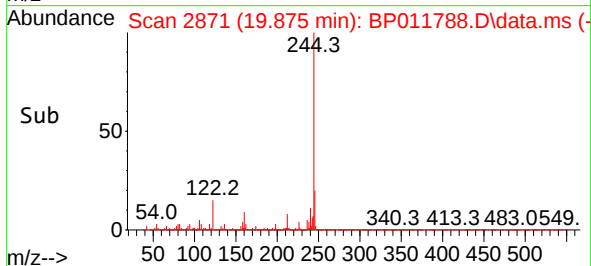
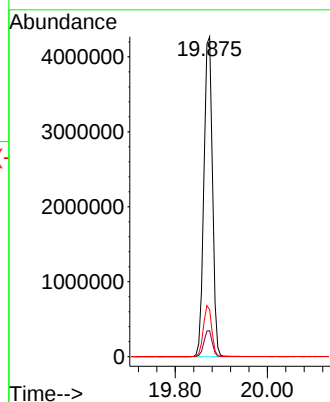
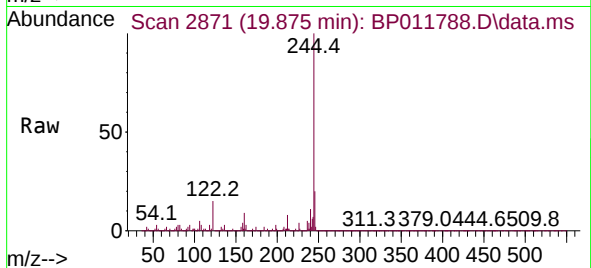
122 14.7 11.8 17.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#80

Butylbenzylphthalate

Concen: 52.488 ng

RT: 20.551 min Scan# 2986

Delta R.T. 0.006 min

Lab File: BP011788.D

Acq: 23 Sep 2022 18:10

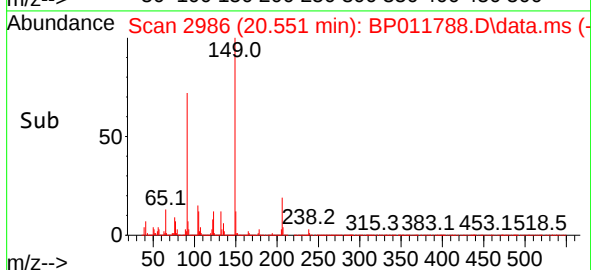
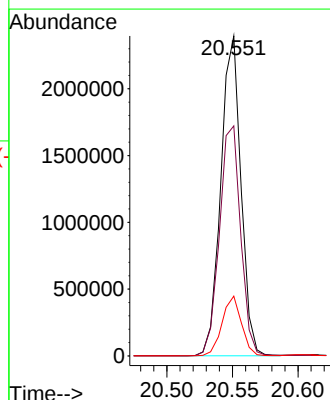
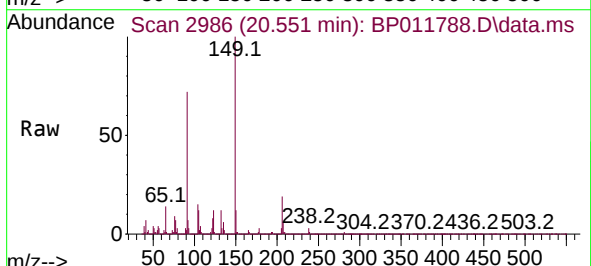
Tgt Ion:149 Resp: 2562243

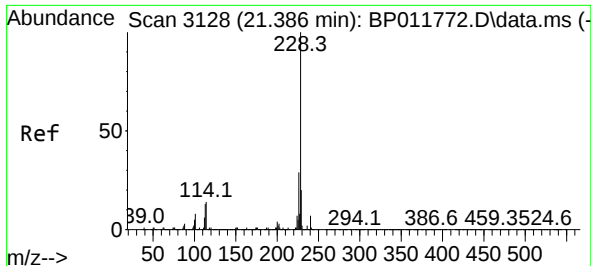
Ion Ratio Lower Upper

149 100

91 71.9 63.1 94.7

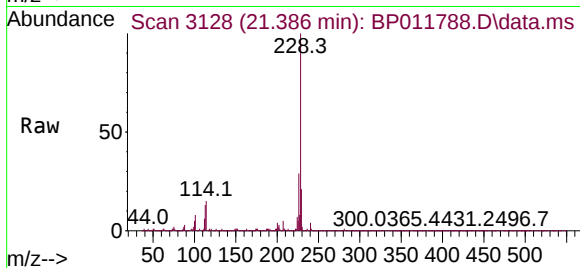
206 18.7 13.6 20.4





#81
Benzo(a)anthracene
Concen: 49.343 ng
RT: 21.386 min Scan# 3117
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

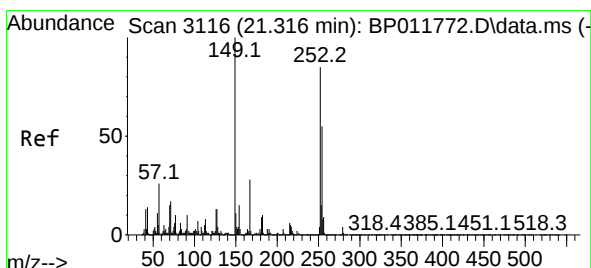
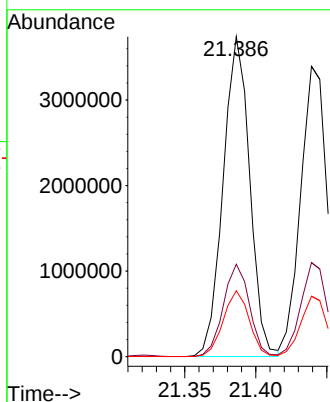
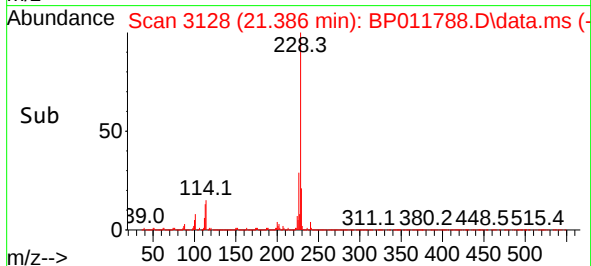
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:228 Resp: 4864986
Ion Ratio Lower Upper
228 100
226 28.9 23.1 34.7
229 20.6 16.3 24.5

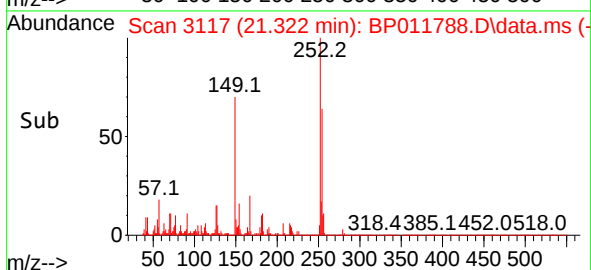
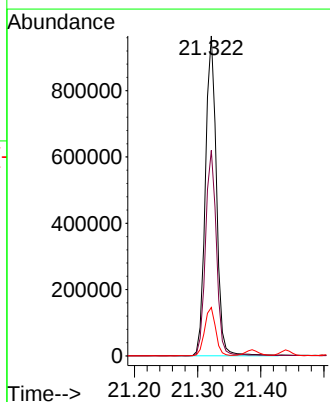
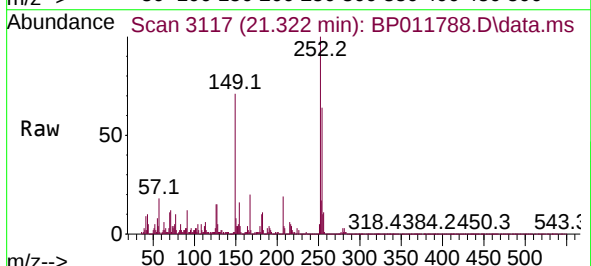
Manual Integrations
APPROVED

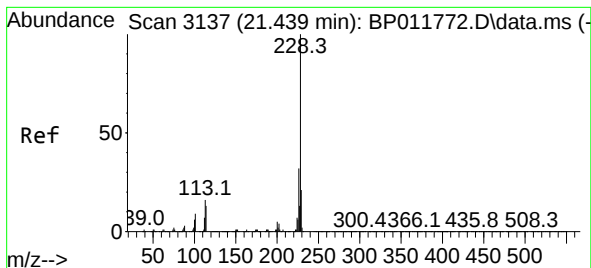
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#82
3,3'-Dichlorobenzidine
Concen: 40.643 ng
RT: 21.322 min Scan# 3117
Delta R.T. 0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Tgt Ion:252 Resp: 1168675
Ion Ratio Lower Upper
252 100
254 64.2 51.4 77.2
126 15.1 12.6 18.8





#83

Chrysene

Concen: 47.304 ng

RT: 21.439 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BP011788.D

Acq: 23 Sep 2022 18:10

Instrument :

BNA_P

ClientSampleId :

SP-1MSD

Tgt Ion:228 Resp: 4419269

Ion Ratio Lower Upper

228 100

226 32.4 25.5 38.3

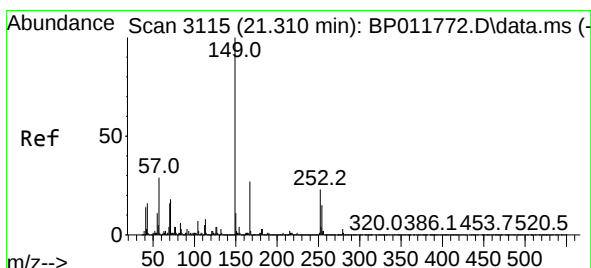
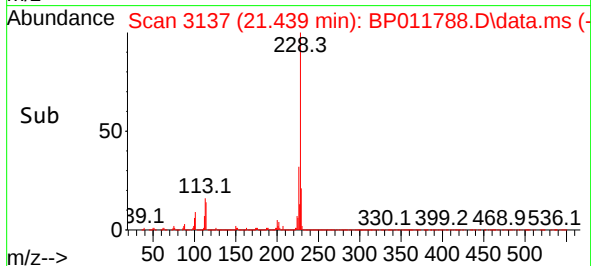
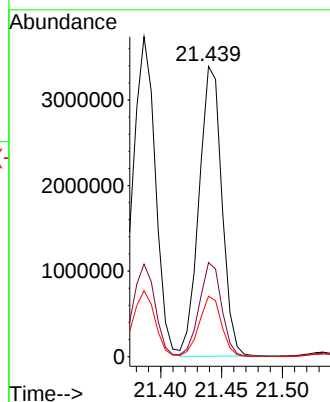
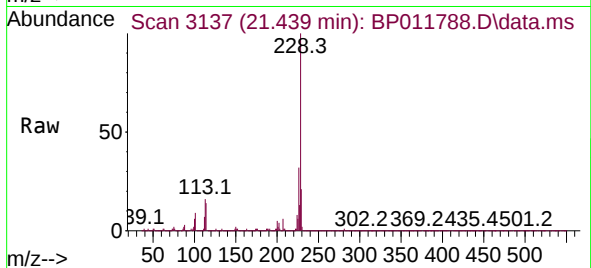
229 20.8 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/26/2022

Supervised By :Jagrut Upadhyay 09/26/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.755 ng

RT: 21.310 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP011788.D

Acq: 23 Sep 2022 18:10

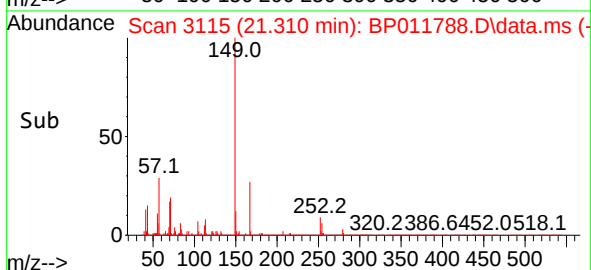
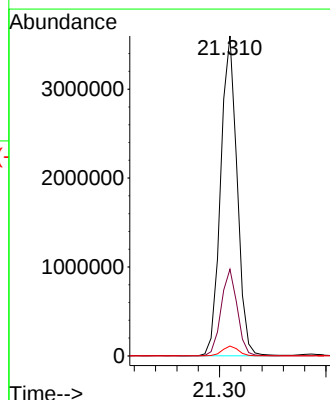
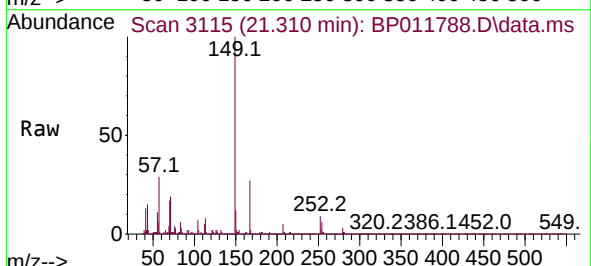
Tgt Ion:149 Resp: 3855322

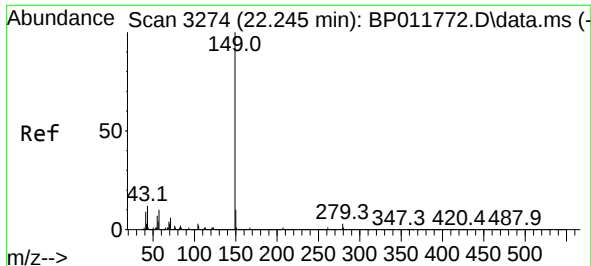
Ion Ratio Lower Upper

149 100

167 27.1 21.8 32.6

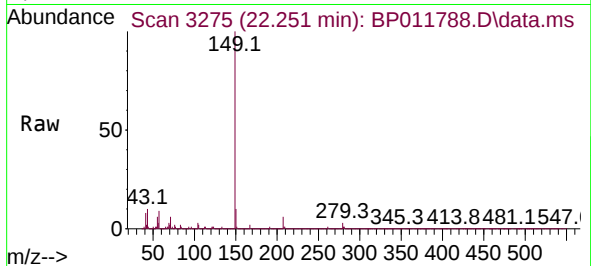
279 3.1 2.5 3.7





#85
Di-n-octyl phthalate
Concen: 52.023 ng
RT: 22.251 min Scan# 31
Delta R.T. 0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

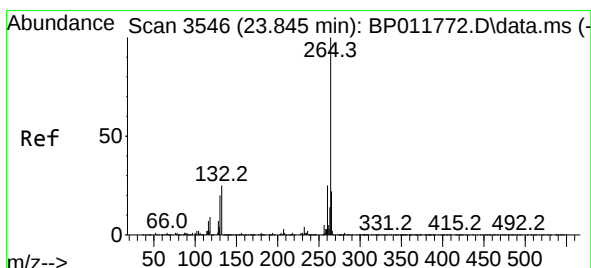
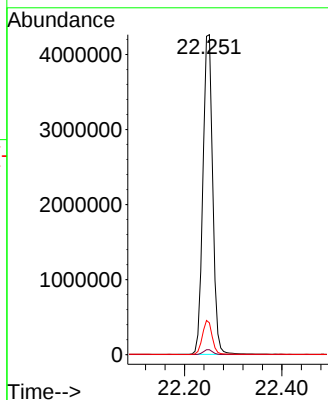
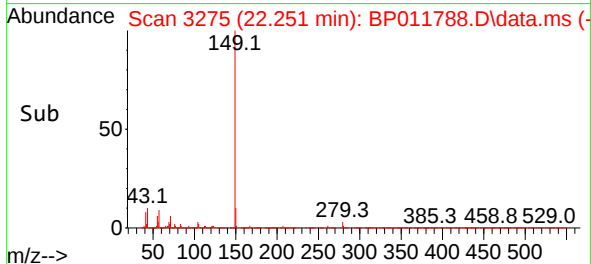
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:149 Resp: 5927000
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.5 9.4 14.0

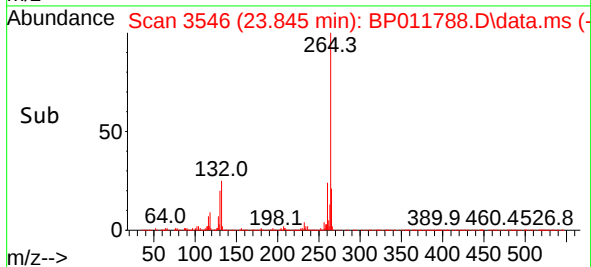
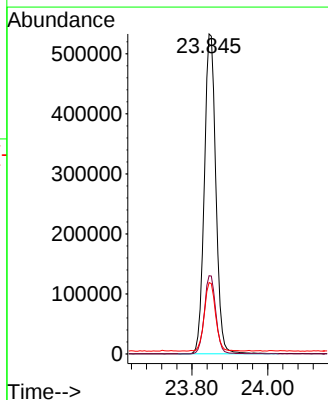
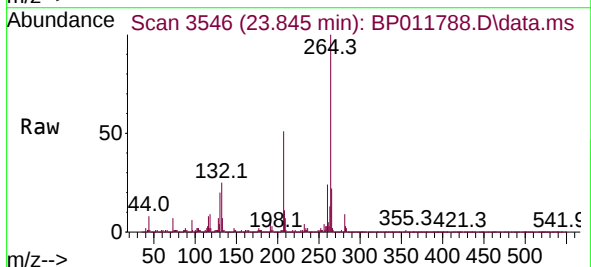
Manual Integrations
APPROVED

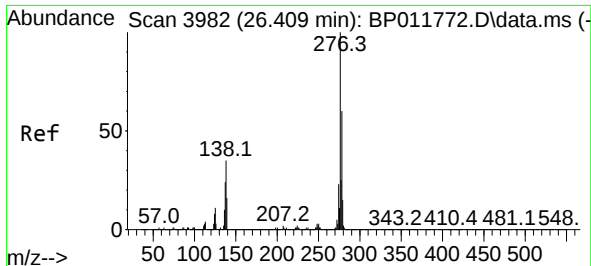
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.845 min Scan# 3546
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Tgt Ion:264 Resp: 1125033
Ion Ratio Lower Upper
264 100
260 24.4 19.7 29.5
265 22.3 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 37.963 ng
RT: 26.410 min Scan# 3982
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Instrument :

BNA_P

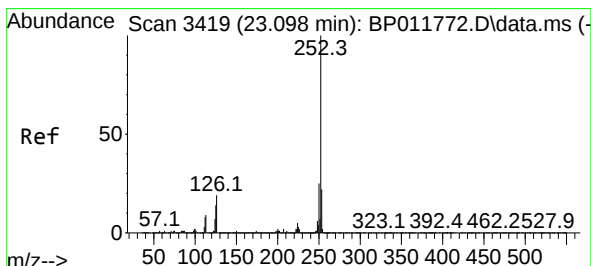
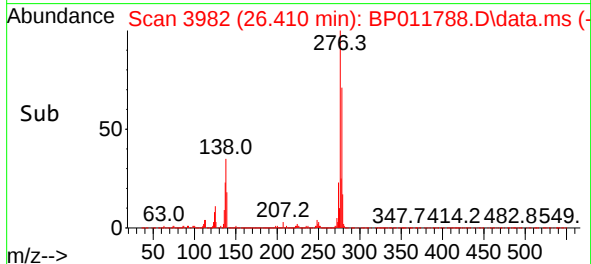
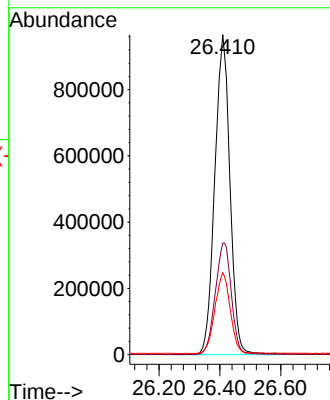
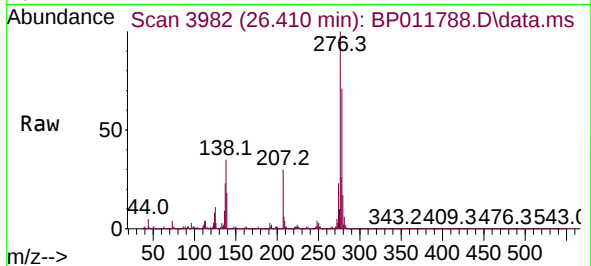
ClientSampleId :

SP-1MSD

Tgt Ion:276 Resp: 3341906
Ion Ratio Lower Upper
276 100
138 36.9 29.7 44.5
277 25.5 20.2 30.2

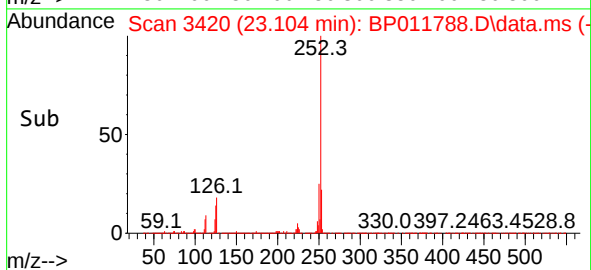
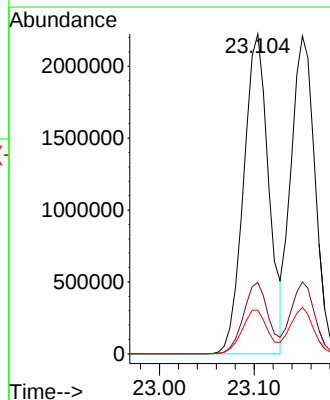
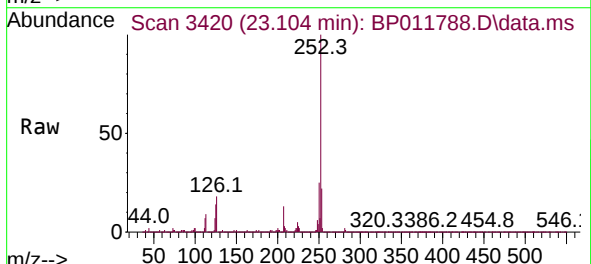
Manual Integrations
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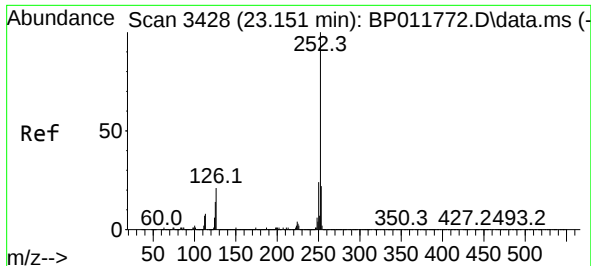
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#88
Benzo(b)fluoranthene
Concen: 58.663 ng
RT: 23.104 min Scan# 3420
Delta R.T. 0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

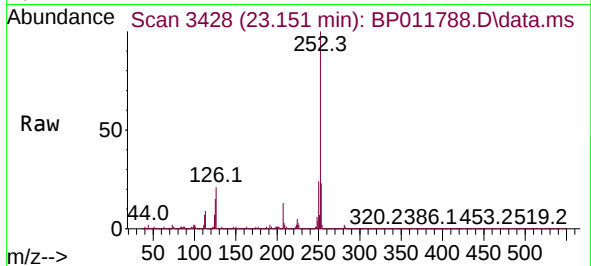
Tgt Ion:252 Resp: 4097608
Ion Ratio Lower Upper
252 100
253 22.3 17.9 26.9
125 13.7 11.6 17.4





#89
Benzo(k)fluoranthene
Concen: 54.679 ng
RT: 23.151 min Scan# 3428
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

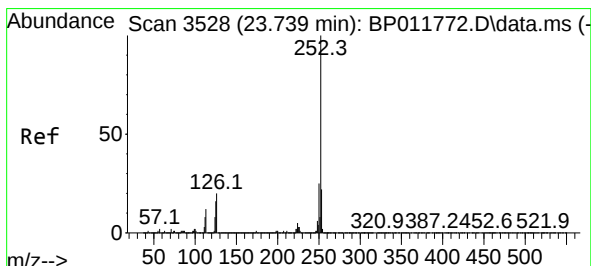
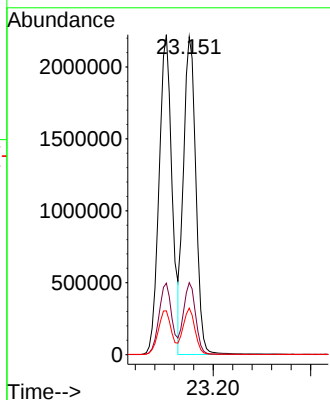
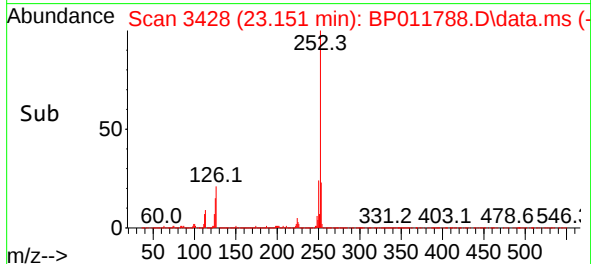
Instrument :
BNA_P
ClientSampleId :
SP-1MSD



Tgt Ion:252 Resp: 3913489
Ion Ratio Lower Upper
252 100
253 22.7 17.7 26.5
125 14.6 11.2 16.8

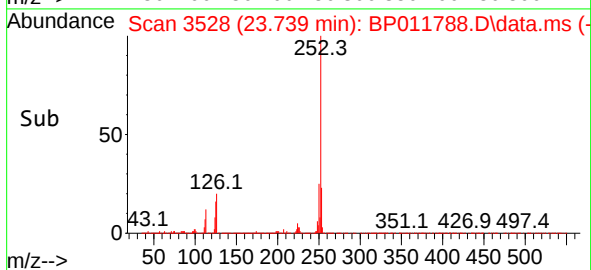
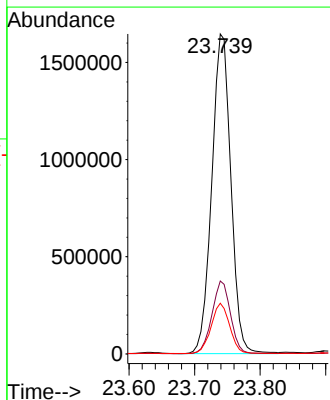
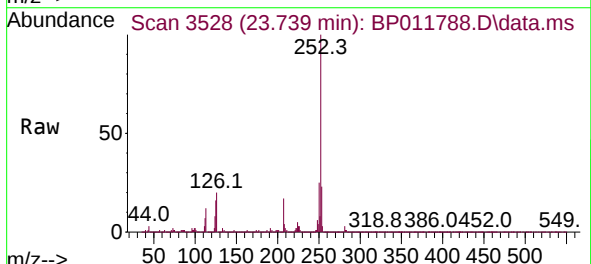
Manual Integrations
APPROVED

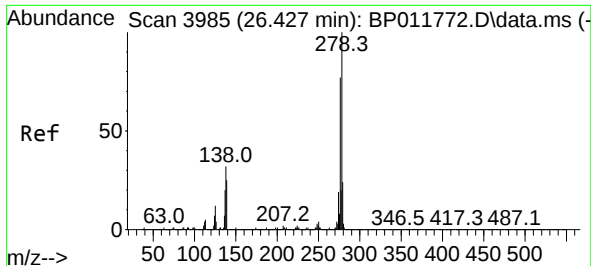
Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#90
Benzo(a)pyrene
Concen: 56.433 ng
RT: 23.739 min Scan# 3528
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Tgt Ion:252 Resp: 3335067
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 15.8 12.6 19.0





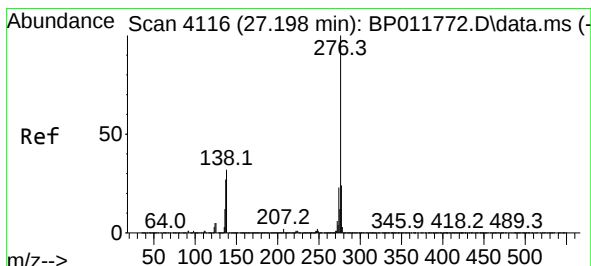
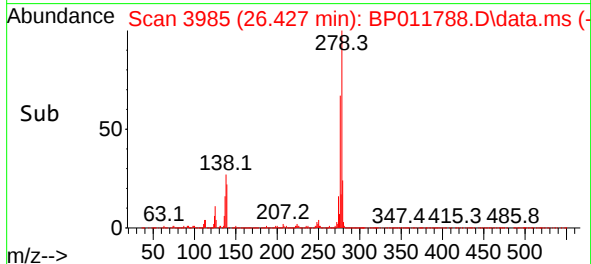
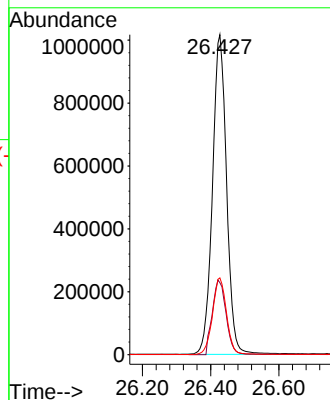
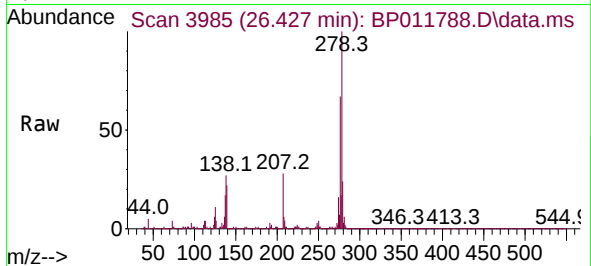
#91
Dibenzo(a,h)anthracene
Concen: 40.002 ng
RT: 26.427 min Scan# 3985
Delta R.T. 0.000 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Instrument :
BNA_P
ClientSampleId :
SP-1MSD

Tgt Ion:278 Resp: 2923720
Ion Ratio Lower Upper
278 100
139 22.5 19.6 29.4
279 24.0 19.3 28.9

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/26/2022
Supervised By :Jagrut Upadhyay 09/26/2022



#92
Benzo(g,h,i)perylene
Concen: 38.889 ng
RT: 27.192 min Scan# 4115
Delta R.T. -0.006 min
Lab File: BP011788.D
Acq: 23 Sep 2022 18:10

Tgt Ion:276 Resp: 2751436
Ion Ratio Lower Upper
276 100
277 24.2 19.3 28.9
138 32.7 25.6 38.4

