

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011826.D
 Acq On : 27 Sep 2022 21:14
 Operator : CG/JU
 Sample : N4815-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAND-FILTER-1MSD

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/28/2022
 Supervised By : Jagrut Upadhyay 09/28/2022

Quant Time: Sep 28 02:10:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:03:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.910	152	436560	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1958120	20.000	ng	# 0.00
39) Acenaphthene-d10	14.557	164	1202916	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	2490191	20.000	ng	0.00
76) Chrysene-d12	21.398	240	2302661	20.000	ng	0.00
86) Perylene-d12	23.839	264	2364686	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.475	112	3556215	142.930	ng	0.00
7) Phenol-d6	7.075	99	4797582	130.408	ng	0.00
23) Nitrobenzene-d5	9.081	82	2670414	71.380	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	1446894	178.633	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	5984061	78.668	ng	0.00
79) Terphenyl-d14	19.869	244	8631136	86.187	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	393406	37.606	ng	92
3) Pyridine	3.758	79	1189306	36.837	ng	90
4) n-Nitrosodimethylamine	3.663	42	524336	36.725	ng	# 83
6) Aniline	7.234	93	1883087	41.147	ng	97
8) 2-Chlorophenol	7.469	128	1594618	52.678	ng	94
9) Benzaldehyde	7.046	77	863033m	37.496	ng	
10) Phenol	7.104	94	2119912	51.156	ng	96
11) bis(2-Chloroethyl)ether	7.334	93	1467000	44.722	ng	94
12) 1,3-Dichlorobenzene	7.799	146	1513133	47.569	ng	98
13) 1,4-Dichlorobenzene	7.946	146	1550358	47.564	ng	99
14) 1,2-Dichlorobenzene	8.263	146	1524894	47.820	ng	100
15) Benzyl Alcohol	8.157	79	1309802m	48.187	ng	
16) 2,2'-oxybis(1-Chloropr...	8.446	45	1888128	34.847	ng	93
17) 2-Methylphenol	8.357	107	1358670	50.021	ng	97
18) Hexachloroethane	8.993	117	547376	43.863	ng	94
19) n-Nitroso-di-n-propyla...	8.728	70	1104588	40.841	ng	# 88
20) 3+4-Methylphenols	8.687	107	1861467	48.810	ng	99
22) Acetophenone	8.740	105	2261502	45.978	ng	# 94
24) Nitrobenzene	9.122	77	1626545	42.080	ng	94
25) Isophorone	9.651	82	3179222	45.298	ng	98
26) 2-Nitrophenol	9.834	139	814116	51.863	ng	90
27) 2,4-Dimethylphenol	9.893	122	1474837	59.499	ng	100
28) bis(2-Chloroethoxy)met...	10.134	93	2004215	49.001	ng	99
29) 2,4-Dichlorophenol	10.369	162	1486680	56.055	ng	98
30) 1,2,4-Trichlorobenzene	10.581	180	1371119	49.649	ng	98
31) Naphthalene	10.769	128	4689990	45.178	ng	100
32) Benzoic acid	10.040	122	855379	41.386	ng	96
33) 4-Chloroaniline	10.881	127	1219597	28.178	ng	98
34) Hexachlorobutadiene	11.057	225	744725	53.466	ng	96
35) Caprolactam	11.704	113	560105m	51.963	ng	
36) 4-Chloro-3-methylphenol	12.010	107	1669181	51.856	ng	95
37) 2-Methylnaphthalene	12.381	142	3312623	46.207	ng	99
38) 1-Methylnaphthalene	12.598	142	3179381	45.035	ng	99
40) 1,2,4,5-Tetrachloroben...	12.745	216	1528544	56.383	ng	98
41) Hexachlorocyclopentadiene	12.728	237	1570168	118.098	ng	97
43) 2,4,6-Trichlorophenol	12.987	196	1151560	58.682	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011826.D
 Acq On : 27 Sep 2022 21:14
 Operator : CG/JU
 Sample : N4815-01MSD
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAND-FILTER-1MSD

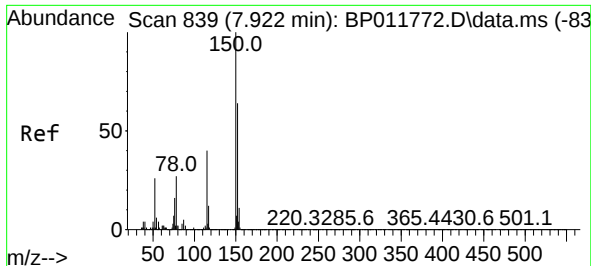
Quant Time: Sep 28 02:10:56 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP092122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 28 02:03:33 2022
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By : Christian Giraldo 09/28/2022
 Supervised By : Jagrut Upadhyay 09/28/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	1270704	56.337	ng	96
46) 1,1'-Biphenyl	13.392	154	4259826	48.740	ng	99
47) 2-Chloronaphthalene	13.434	162	3217633	47.464	ng	99
48) 2-Nitroaniline	13.639	65	1044065	43.197	ng	# 83
49) Acenaphthylene	14.281	152	5304103	47.137	ng	100
50) Dimethylphthalate	14.016	163	4054853	45.974	ng	100
51) 2,6-Dinitrotoluene	14.134	165	903575	49.620	ng	90
52) Acenaphthene	14.622	154	3154718	45.713	ng	99
53) 3-Nitroaniline	14.463	138	815543	36.566	ng	96
54) 2,4-Dinitrophenol	14.669	184	875404	90.095	ng	# 86
55) Dibenzofuran	14.957	168	4870657	46.047	ng	98
56) 4-Nitrophenol	14.781	139	1951700	105.375	ng	87
57) 2,4-Dinitrotoluene	14.922	165	1261557	46.713	ng	# 86
58) Fluorene	15.604	166	3937945	43.883	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.181	232	1046148m	56.807	ng	
60) Diethylphthalate	15.381	149	4158604	45.157	ng	98
61) 4-Chlorophenyl-phenylether	15.598	204	1849566	49.297	ng	97
62) 4-Nitroaniline	15.633	138	1107574	42.748	ng	95
63) Azobenzene	15.892	77	3991882	39.587	ng	94
65) 4,6-Dinitro-2-methylph...	15.686	198	632589	49.875	ng	82
66) n-Nitrosodiphenylamine	15.816	169	3513000	47.346	ng	98
67) 4-Bromophenyl-phenylether	16.498	248	1123950	55.037	ng	92
68) Hexachlorobenzene	16.610	284	1195630	55.102	ng	94
69) Atrazine	16.775	200	1277699	59.465	ng	98
70) Pentachlorophenol	16.957	266	1738145	109.626	ng	99
71) Phenanthrene	17.357	178	6273506	44.667	ng	100
72) Anthracene	17.445	178	6311673	46.985	ng	99
73) Carbazole	17.716	167	6176200	46.945	ng	99
74) Di-n-butylphthalate	18.263	149	7514115	47.416	ng	99
75) Fluoranthene	19.316	202	7187192	47.071	ng	98
77) Benzidine	19.498	184	5161367	115.492	ng	100
78) Pyrene	19.669	202	7312647	47.526	ng	99
80) Butylbenzylphthalate	20.539	149	3635588	48.545	ng	91
81) Benzo(a)anthracene	21.380	228	7176201	47.234	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	1264527	28.539	ng	99
83) Chrysene	21.433	228	6668472	46.323	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	5300324	48.165	ng	# 99
85) Di-n-octyl phthalate	22.239	149	9166568	52.213	ng	# 91
87) Indeno(1,2,3-cd)pyrene	26.403	276	7006678	37.868	ng	95
88) Benzo(b)fluoranthene	23.098	252	7657949	52.160	ng	98
89) Benzo(k)fluoranthene	23.145	252	6980071	46.399	ng	98
90) Benzo(a)pyrene	23.733	252	6521829	52.504	ng	98
91) Dibenzo(a,h)anthracene	26.415	278	6009893	39.121	ng	96
92) Benzo(g,h,i)perylene	27.186	276	5740368	38.601	ng	96

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



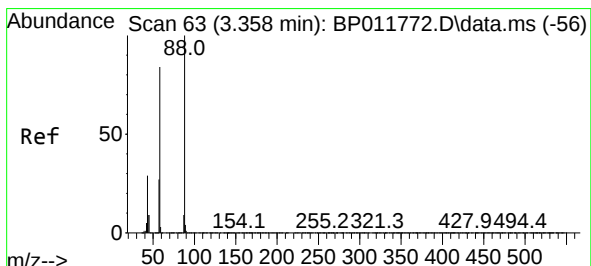
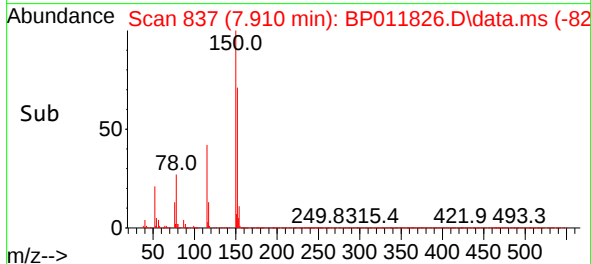
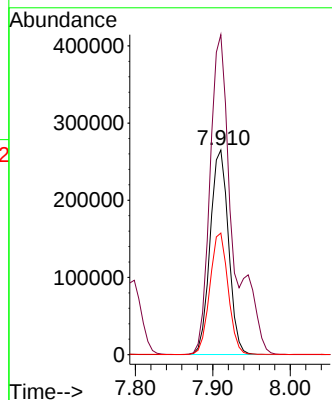
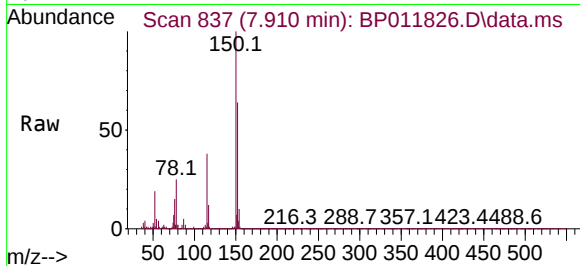
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.910 min Scan# 83
 Delta R.T. 0.000 min
 Lab File: BP011826.D
 Acq: 27 Sep 2022 21:14

Instrument :
 BNA_P
 ClientSampleId :
 SAND-FILTER-1MSD

Tgt Ion: 152 Resp: 436560
 Ion Ratio Lower Upper
 152 100
 150 156.5 124.2 186.4
 115 59.4 50.0 75.0

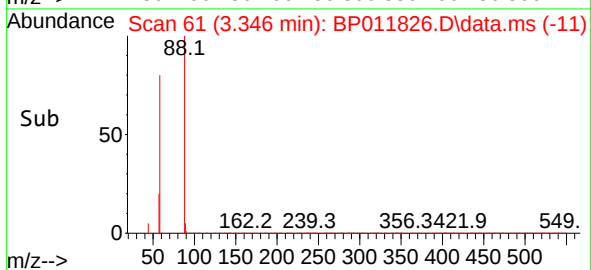
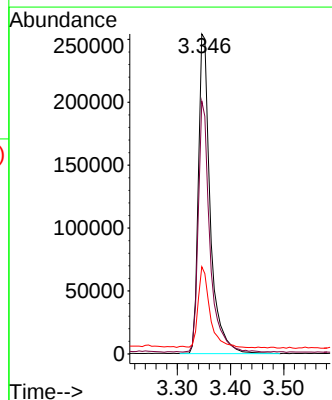
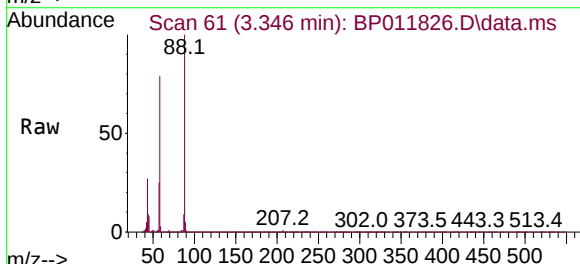
Manual Integrations
 APPROVED

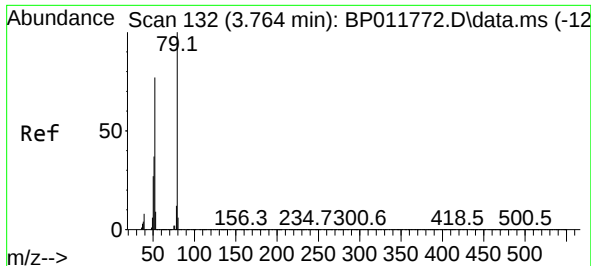
Reviewed By : Christian Giraldo 09/28/2022
 Supervised By : Jagrut Upadhyay 09/28/2022



#2
 1,4-Dioxane
 Concen: 37.606 ng
 RT: 3.346 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BP011826.D
 Acq: 27 Sep 2022 21:14

Tgt Ion: 88 Resp: 393406
 Ion Ratio Lower Upper
 88 100
 58 76.4 66.6 99.8
 43 25.0 23.2 34.8





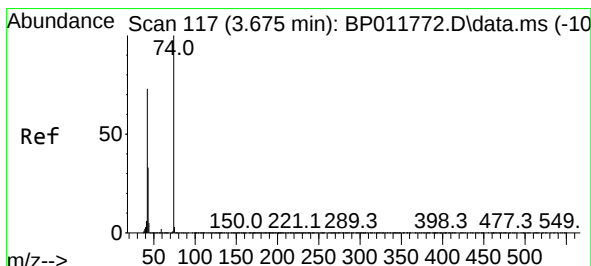
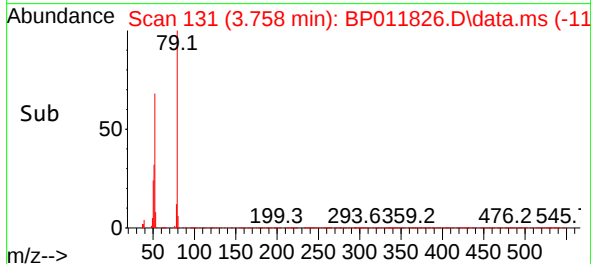
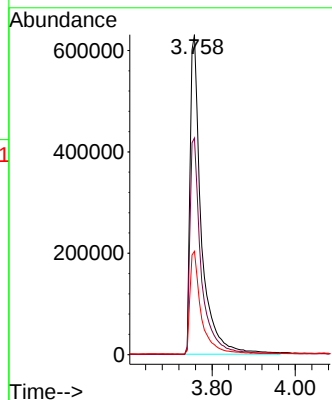
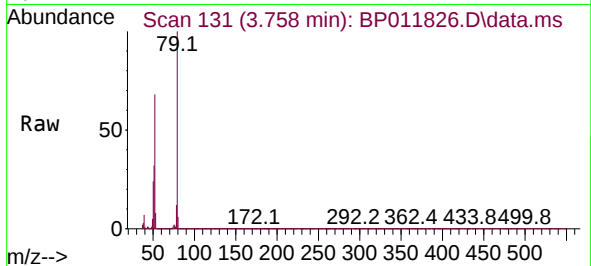
#3
Pyridine
Concen: 36.837 ng
RT: 3.758 min Scan# 118
Delta R.T. -0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD

Tgt Ion: 79 Resp: 1189306
Ion Ratio Lower Upper
79 100
52 67.7 61.9 92.9
51 32.3 29.9 44.9

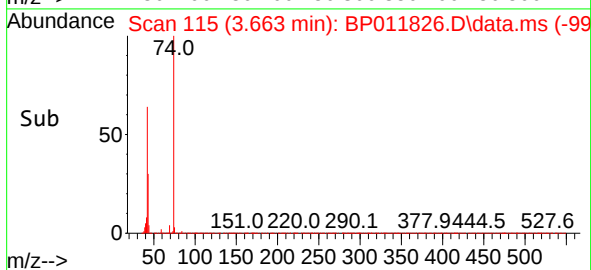
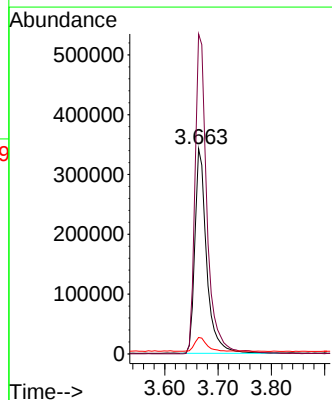
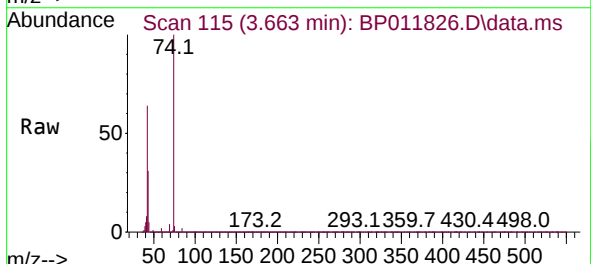
Manual Integrations
APPROVED

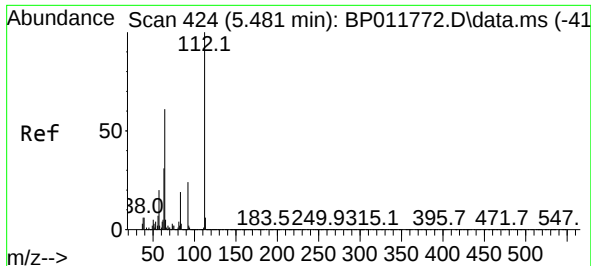
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#4
n-Nitrosodimethylamine
Concen: 36.725 ng
RT: 3.663 min Scan# 115
Delta R.T. -0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

Tgt Ion: 42 Resp: 524336
Ion Ratio Lower Upper
42 100
74 155.9 109.0 163.6
44 8.0 15.4 23.2#





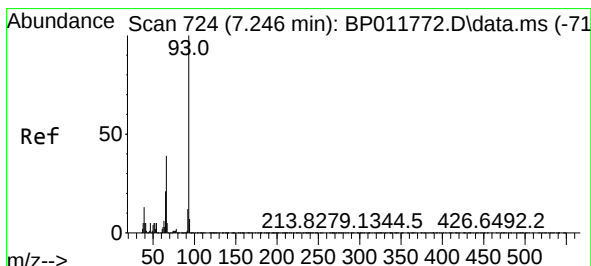
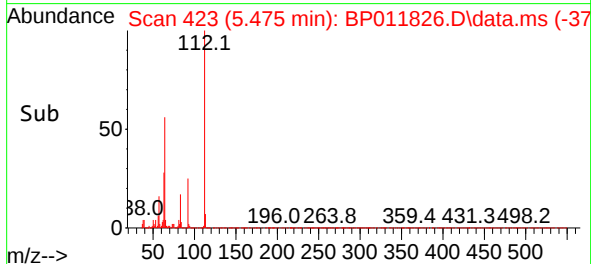
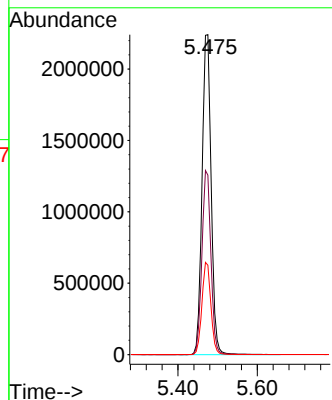
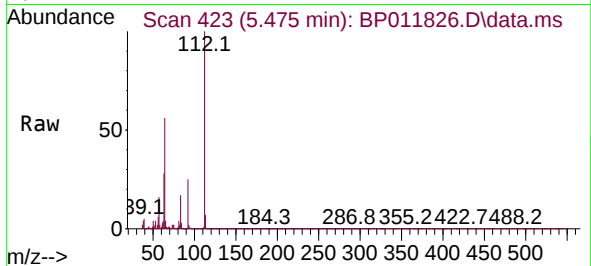
#5
2-Fluorophenol
Concen: 142.930 ng
RT: 5.475 min Scan# 41
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD

Tgt Ion:112 Resp: 3556215
Ion Ratio Lower Upper
112 100
64 56.1 49.2 73.8
63 27.9 25.2 37.8

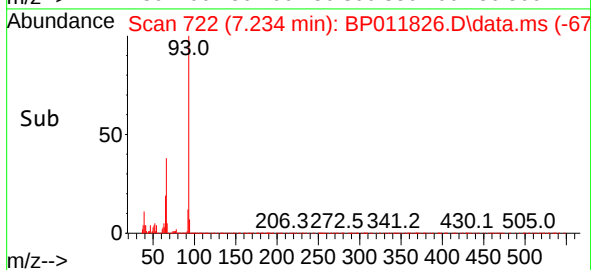
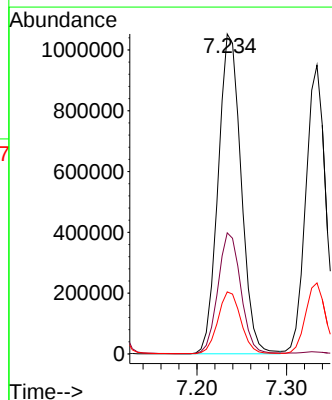
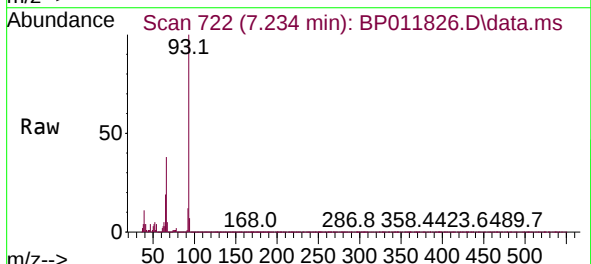
Manual Integrations
APPROVED

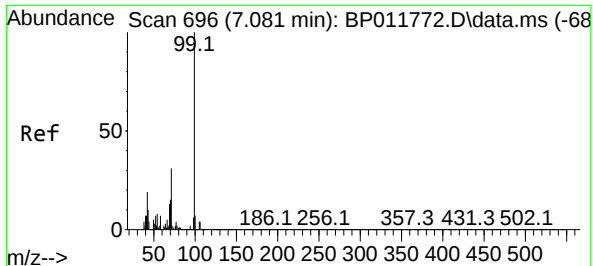
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#6
Aniline
Concen: 41.147 ng
RT: 7.234 min Scan# 722
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

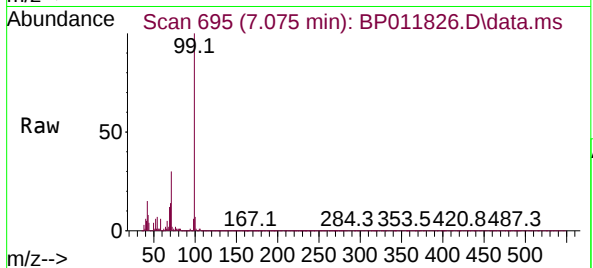
Tgt Ion: 93 Resp: 1883087
Ion Ratio Lower Upper
93 100
66 37.8 31.3 46.9
65 19.4 16.9 25.3





#7
Phenol-d6
Concen: 130.408 ng
RT: 7.075 min Scan# 696
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

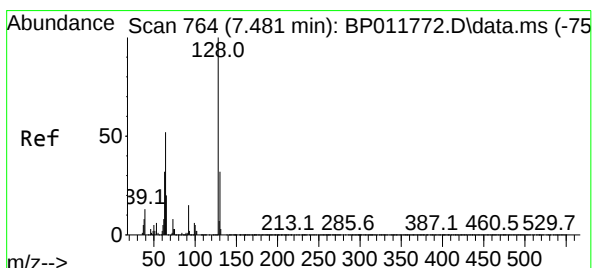
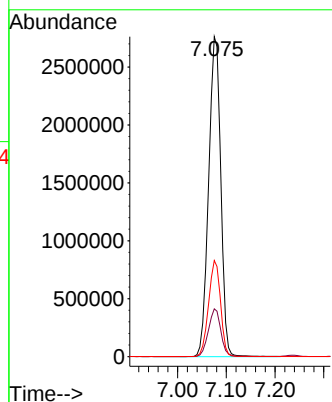
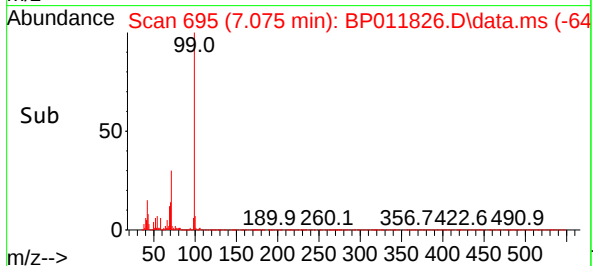
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



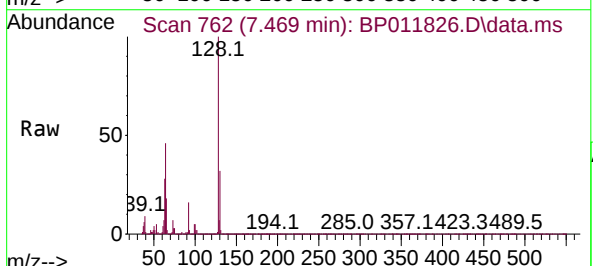
Tgt Ion: 99 Resp: 4797582
Ion Ratio Lower Upper
99 100
42 14.9 15.4 23.2
71 30.0 24.7 37.1

Manual Integrations
APPROVED

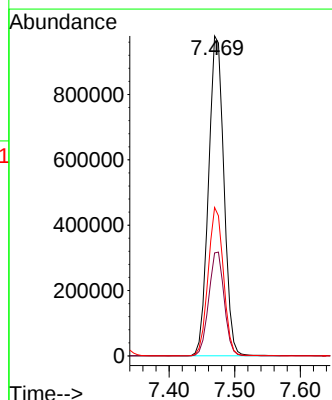
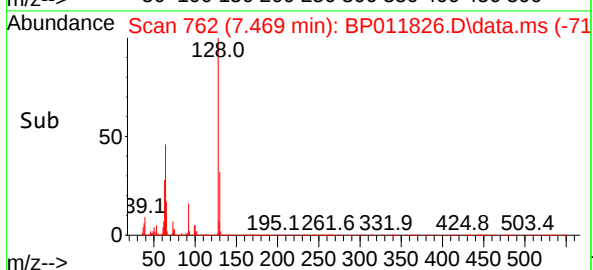
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

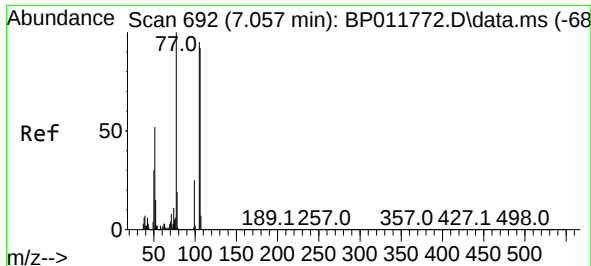


#8
2-Chlorophenol
Concen: 52.678 ng
RT: 7.469 min Scan# 762
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14



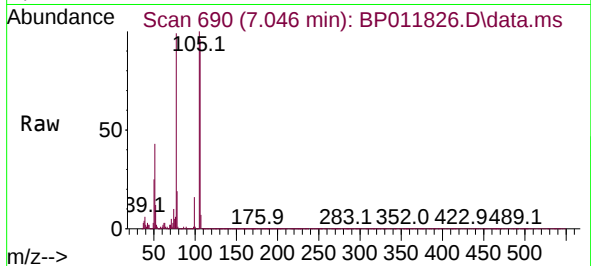
Tgt Ion:128 Resp: 1594618
Ion Ratio Lower Upper
128 100
130 32.2 12.1 52.1
64 46.4 32.6 72.6





#9
Benzaldehyde
Concen: 37.496 ng m
RT: 7.046 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

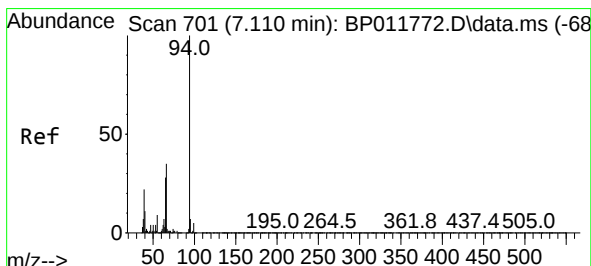
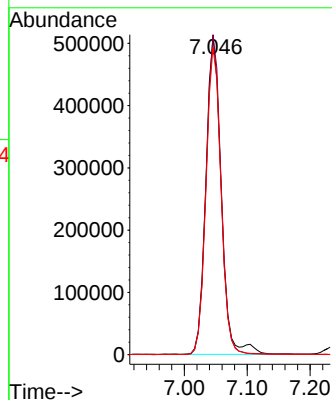
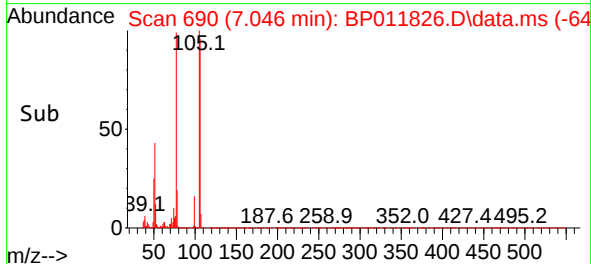
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



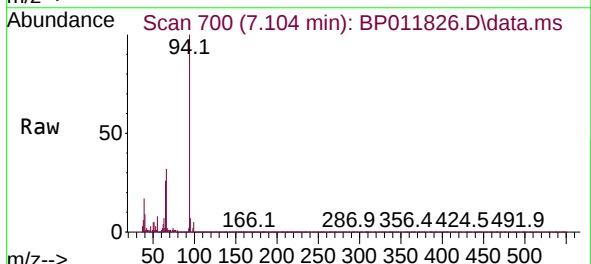
Tgt Ion: 77 Resp: 863033
Ion Ratio Lower Upper
77 100
105 100.9 75.4 115.4
106 96.9 71.6 111.6

Manual Integrations
APPROVED

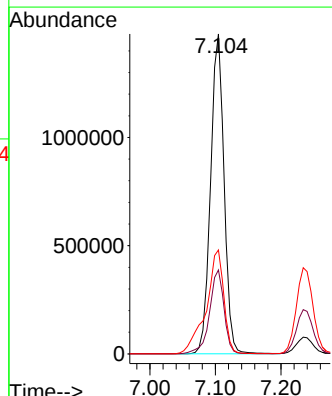
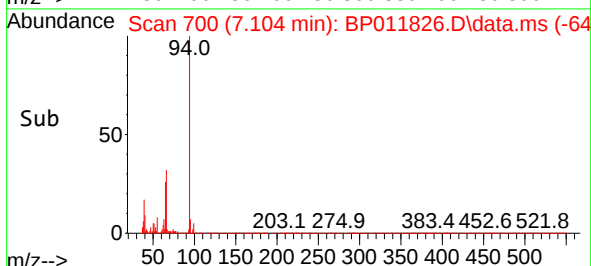
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

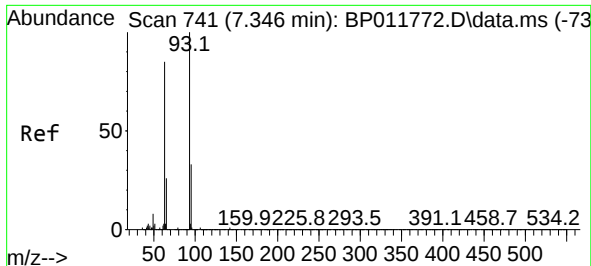


#10
Phenol
Concen: 51.156 ng
RT: 7.104 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14



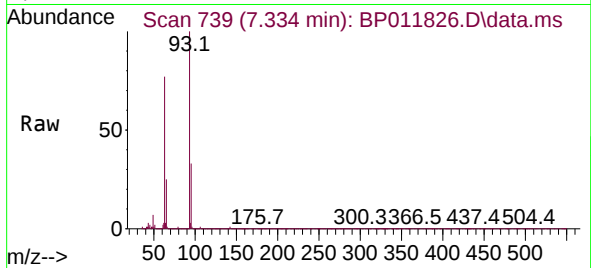
Tgt Ion: 94 Resp: 2119912
Ion Ratio Lower Upper
94 100
65 26.2 8.1 48.1
66 32.5 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 44.722 ng
RT: 7.334 min Scan# 741
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

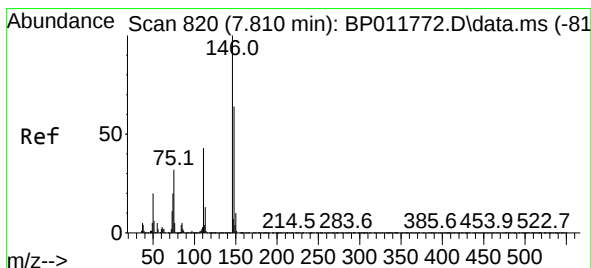
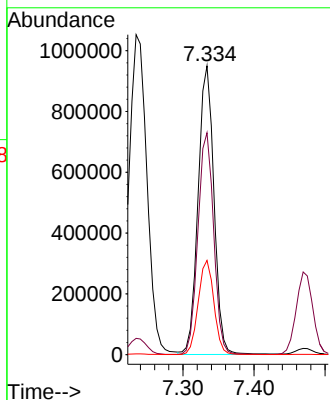
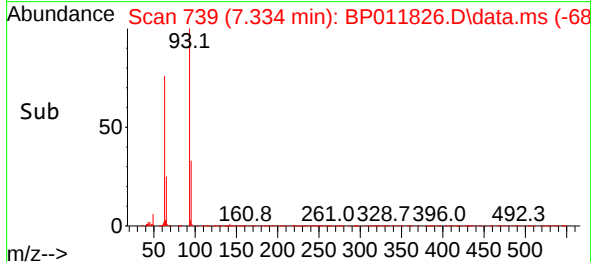
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion: 93 Resp: 1467000
Ion Ratio Lower Upper
93 100
63 76.8 64.4 104.4
95 32.6 12.7 52.7

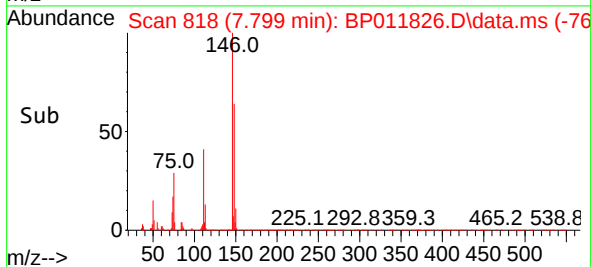
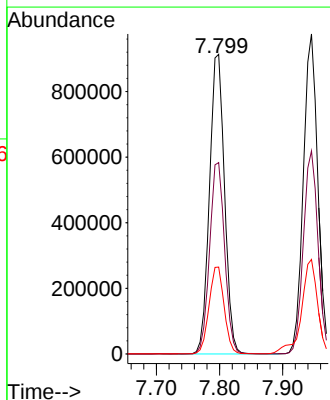
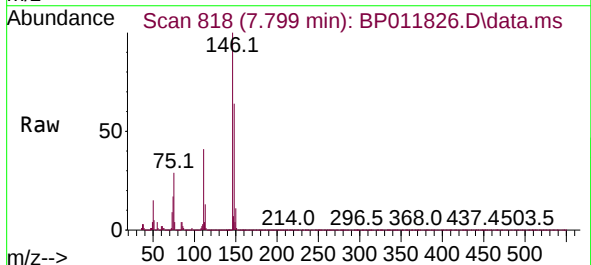
Manual Integrations
APPROVED

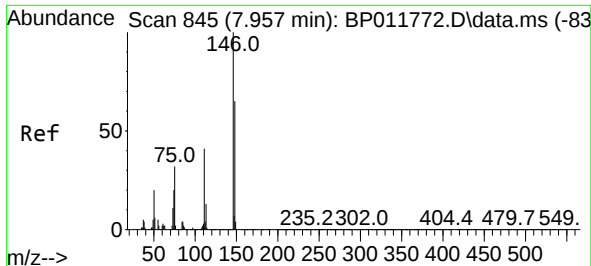
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#12
1,3-Dichlorobenzene
Concen: 47.569 ng
RT: 7.799 min Scan# 818
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

Tgt Ion:146 Resp: 1513133
Ion Ratio Lower Upper
146 100
148 63.9 51.4 77.2
75 29.0 25.9 38.9





#13

1,4-Dichlorobenzene

Concen: 47.564 ng

RT: 7.946 min Scan# 84

Delta R.T. -0.000 min

Lab File: BP011826.D

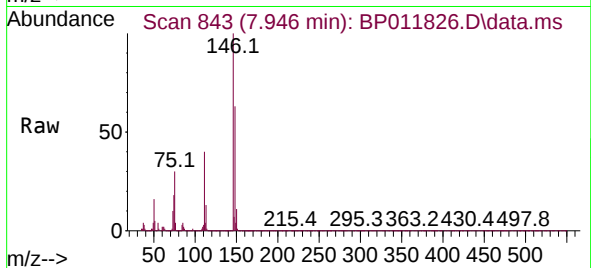
Acq: 27 Sep 2022 21:14

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MSD



Tgt Ion:146 Resp: 1550358

Ion Ratio Lower Upper

146 100

148 63.4 51.7 77.5

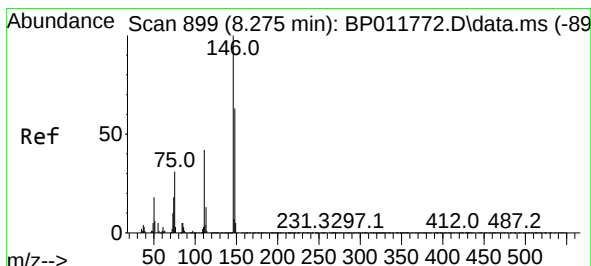
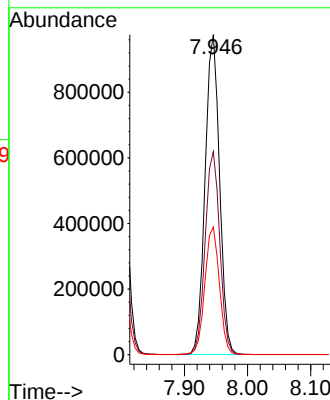
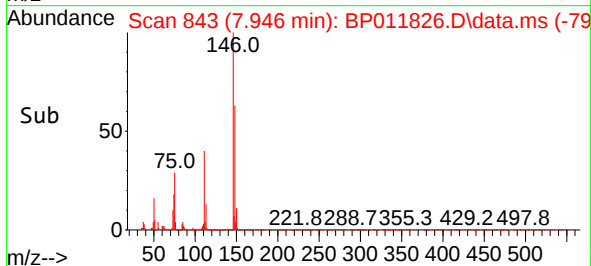
111 39.9 32.6 48.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#14

1,2-Dichlorobenzene

Concen: 47.820 ng

RT: 8.263 min Scan# 897

Delta R.T. -0.000 min

Lab File: BP011826.D

Acq: 27 Sep 2022 21:14

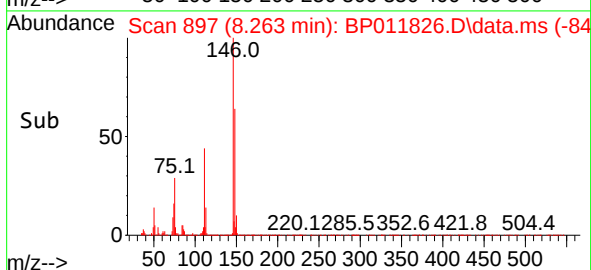
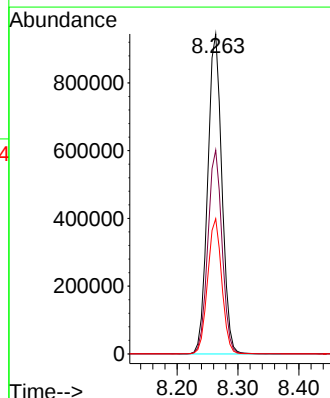
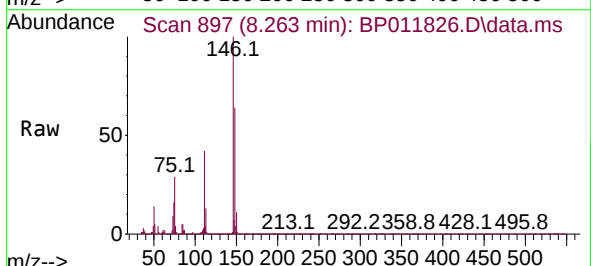
Tgt Ion:146 Resp: 1524894

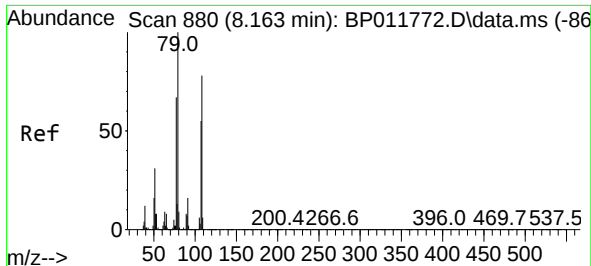
Ion Ratio Lower Upper

146 100

148 63.7 50.6 76.0

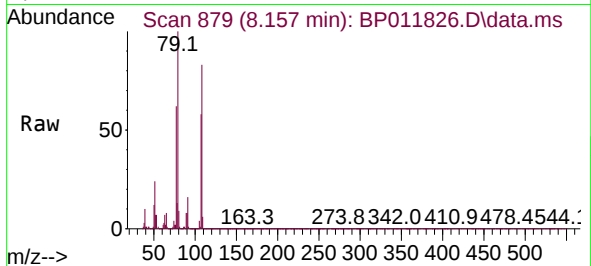
111 42.2 34.0 51.0





#15
Benzyl Alcohol
Concen: 48.187 ng m
RT: 8.157 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

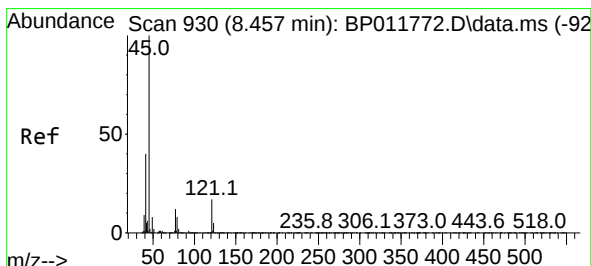
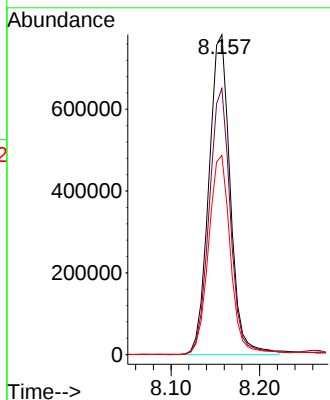
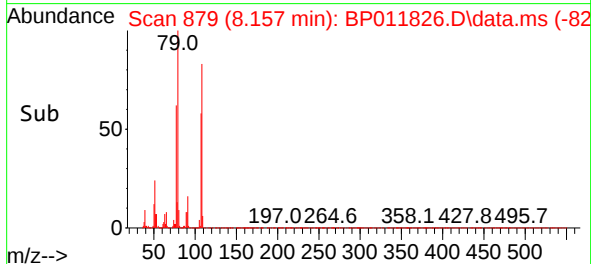
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion: 79 Resp: 1309802
Ion Ratio Lower Upper
79 100
108 83.2 62.7 94.1
77 62.2 53.8 80.6

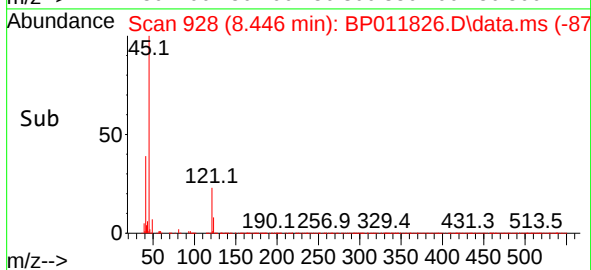
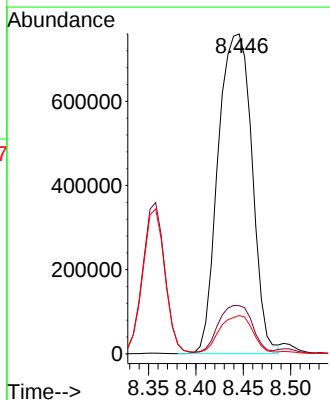
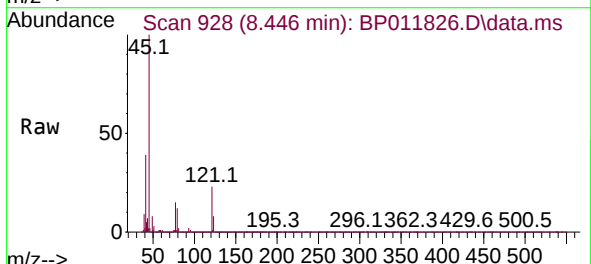
Manual Integrations
APPROVED

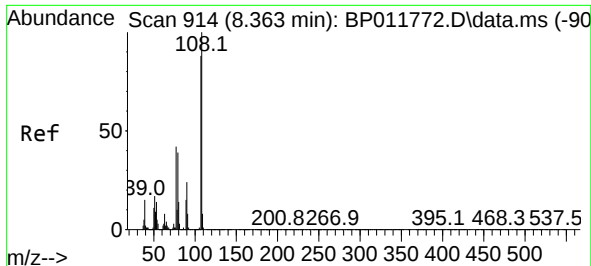
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 34.847 ng
RT: 8.446 min Scan# 928
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

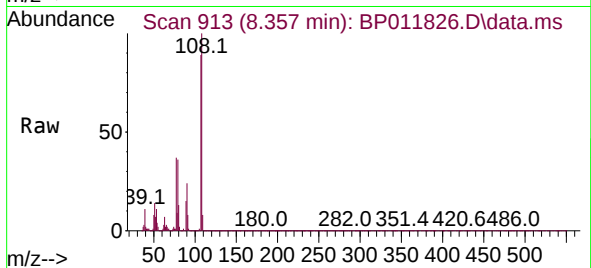
Tgt Ion: 45 Resp: 1888128
Ion Ratio Lower Upper
45 100
77 15.1 0.0 32.6
79 12.0 0.0 29.0





#17
2-Methylphenol
Concen: 50.021 ng
RT: 8.357 min Scan# 914
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD

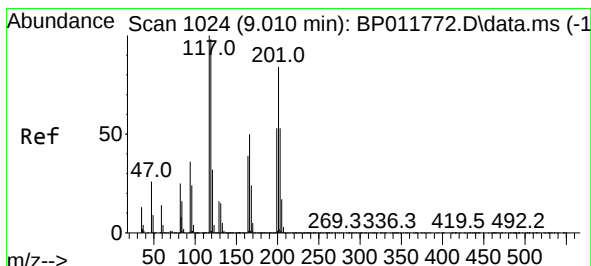
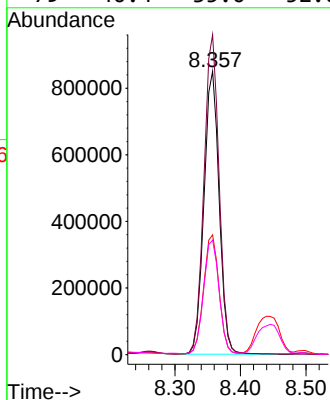
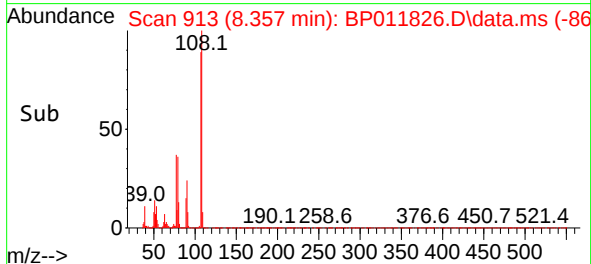


Tgt Ion:107 Resp: 1358670

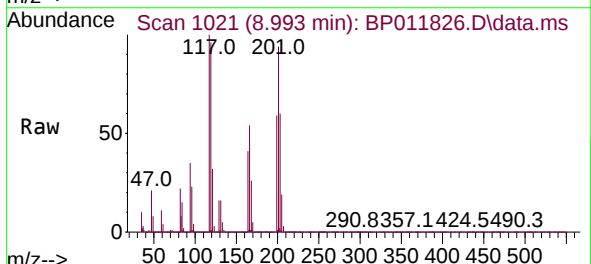
Ion	Ratio	Lower	Upper
107	100		
108	113.0	90.6	136.0
77	42.3	38.0	57.0
79	40.4	35.0	52.6

Manual Integrations
APPROVED

Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

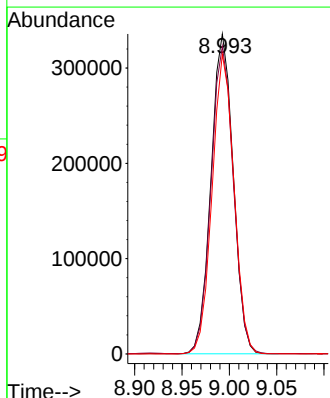
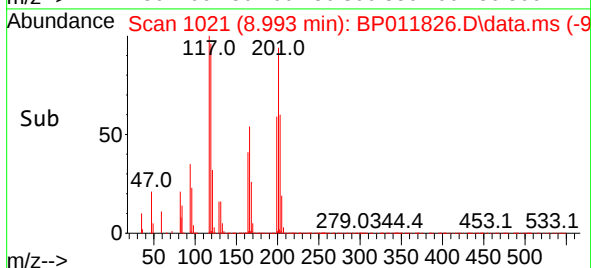


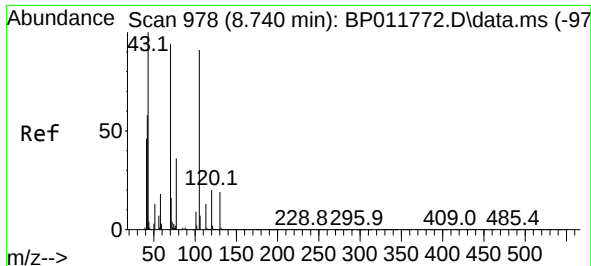
#18
Hexachloroethane
Concen: 43.863 ng
RT: 8.993 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14



Tgt Ion:117 Resp: 547376

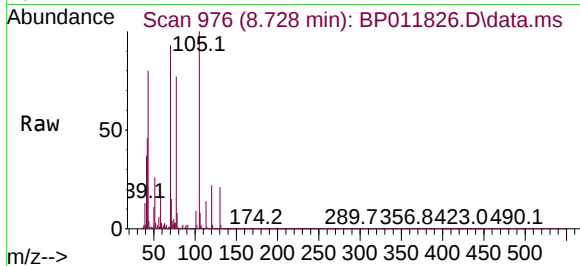
Ion	Ratio	Lower	Upper
117	100		
119	96.2	78.8	118.2
201	93.6	67.4	101.0





#19
n-Nitroso-di-n-propylamine
Concen: 40.841 ng
RT: 8.728 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

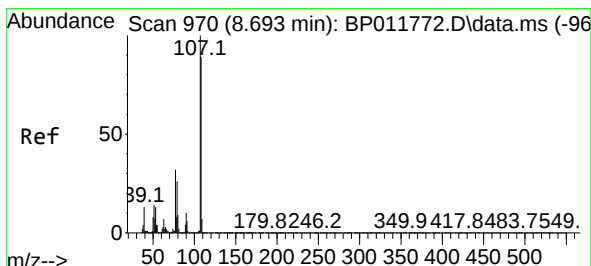
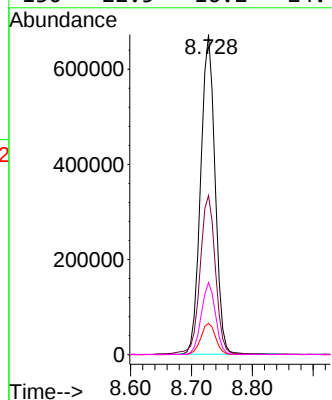
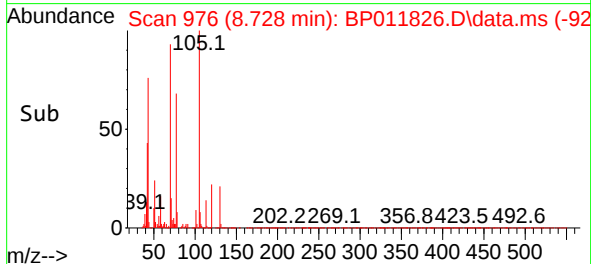
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



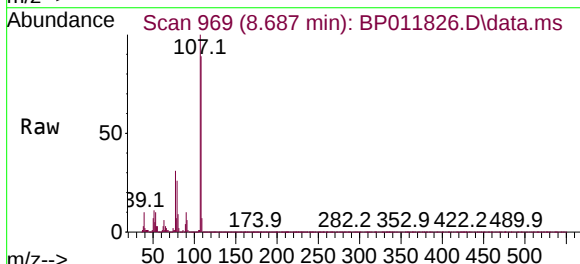
Tgt Ion: 70 Resp: 1104588
Ion Ratio Lower Upper
70 100
42 49.7 50.1 75.1
101 9.8 7.6 11.4
130 22.5 16.2 24.4

Manual Integrations
APPROVED

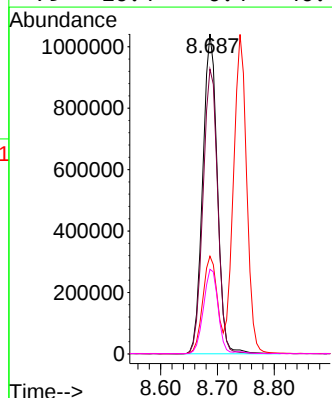
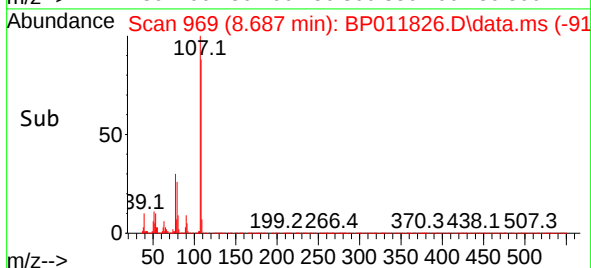
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

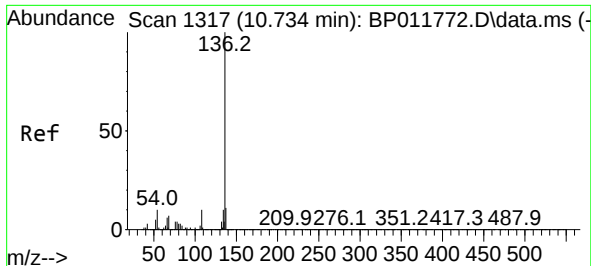


#20
3+4-Methylphenols
Concen: 48.810 ng
RT: 8.687 min Scan# 969
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14



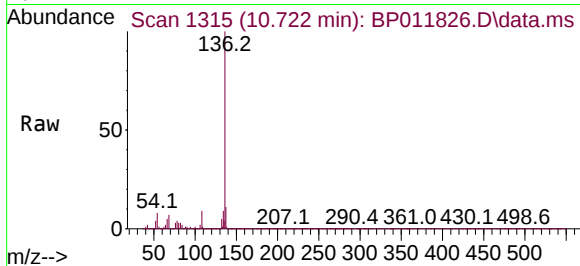
Tgt Ion:107 Resp: 1861467
Ion Ratio Lower Upper
107 100
108 89.0 69.2 109.2
77 30.5 12.5 52.5
79 26.4 6.4 46.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1317
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

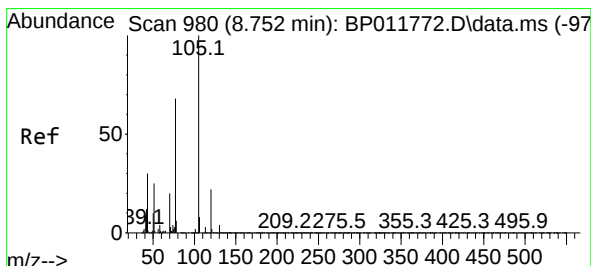
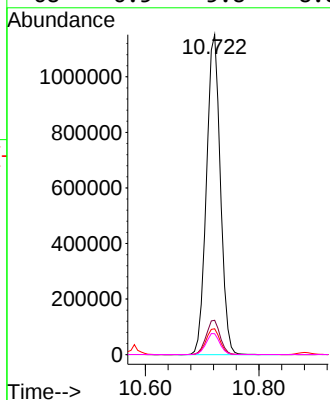
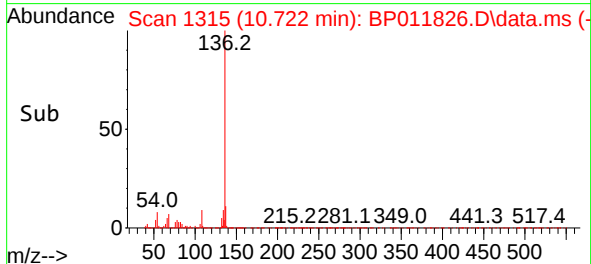
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion:136 Resp: 1958120
Ion Ratio Lower Upper
136 100
137 10.7 8.8 13.2
54 8.1 8.2 12.4
68 6.5 5.8 8.8

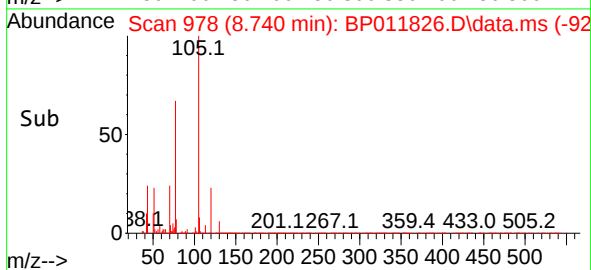
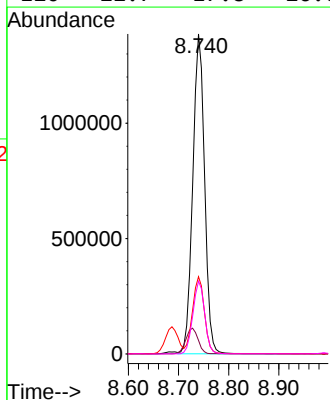
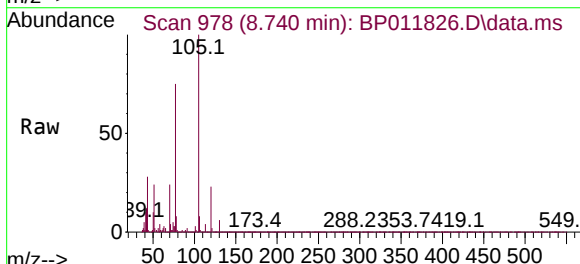
Manual Integrations
APPROVED

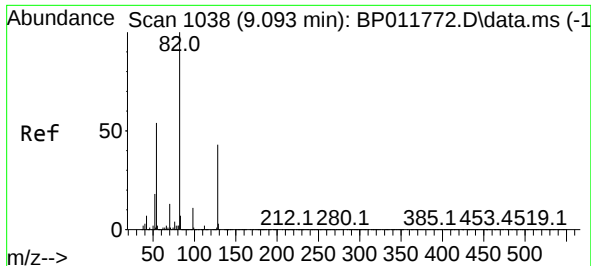
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#22
Acetophenone
Concen: 45.978 ng
RT: 8.740 min Scan# 978
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

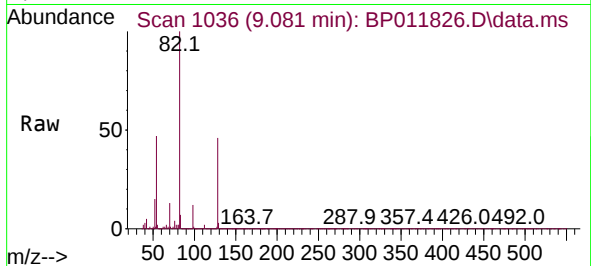
Tgt Ion:105 Resp: 2261502
Ion Ratio Lower Upper
105 100
71 4.2 2.7 4.1#
51 24.1 23.6 35.4
120 22.7 17.8 26.6





#23
Nitrobenzene-d5
Concen: 71.380 ng
RT: 9.081 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

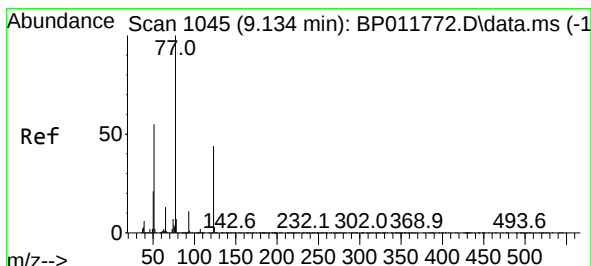
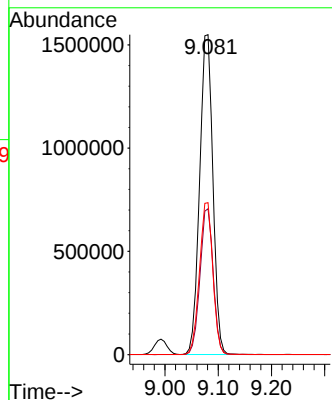
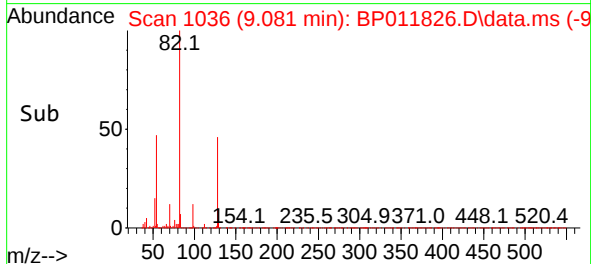
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion: 82 Resp: 2670414
Ion Ratio Lower Upper
82 100
128 45.6 34.2 51.4
54 47.5 43.1 64.7

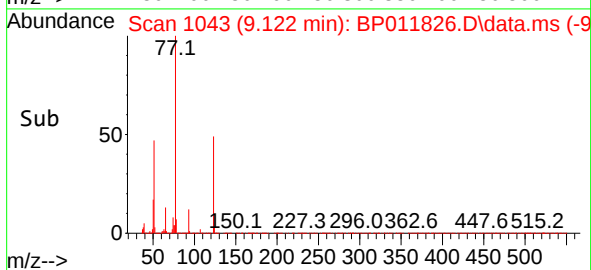
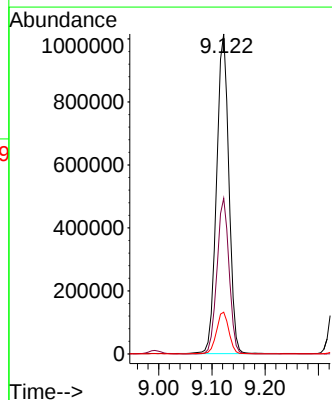
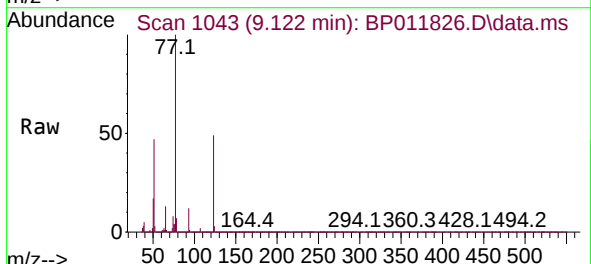
Manual Integrations
APPROVED

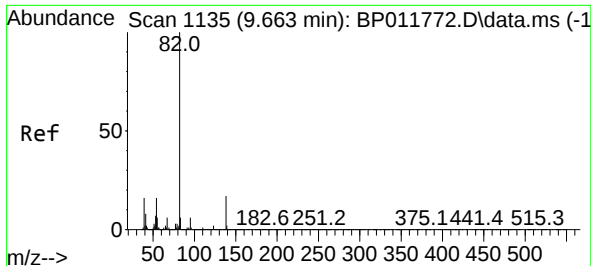
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#24
Nitrobenzene
Concen: 42.080 ng
RT: 9.122 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

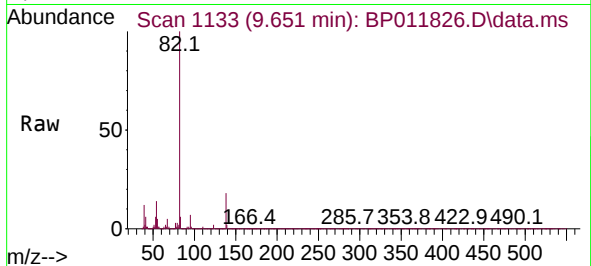
Tgt Ion: 77 Resp: 1626545
Ion Ratio Lower Upper
77 100
123 48.6 35.0 52.4
65 13.0 10.7 16.1





#25
Isophorone
Concen: 45.298 ng
RT: 9.651 min Scan# 1133
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

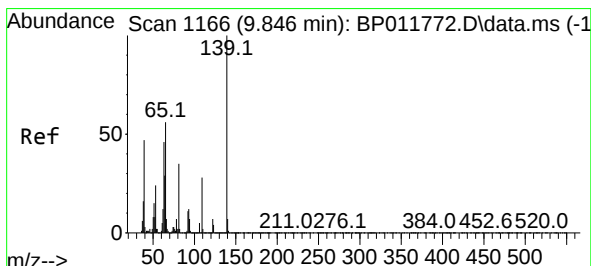
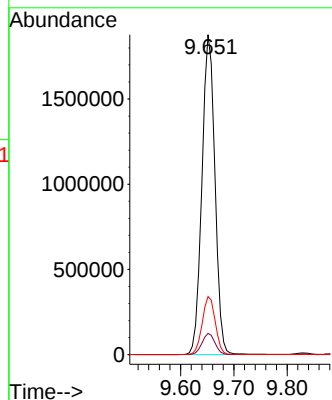
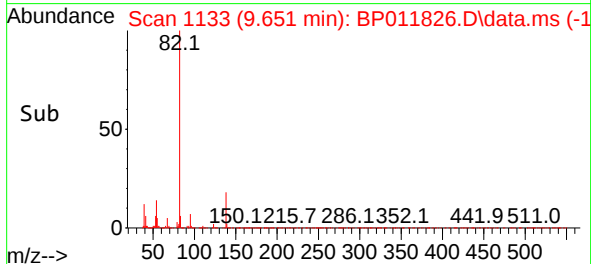
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion: 82 Resp: 317922
Ion Ratio Lower Upper
82 100
95 6.6 5.1 7.7
138 18.1 13.6 20.4

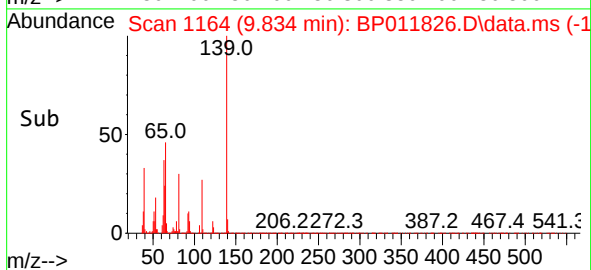
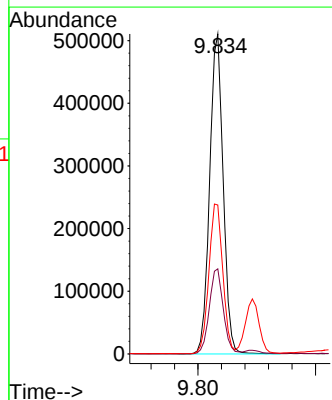
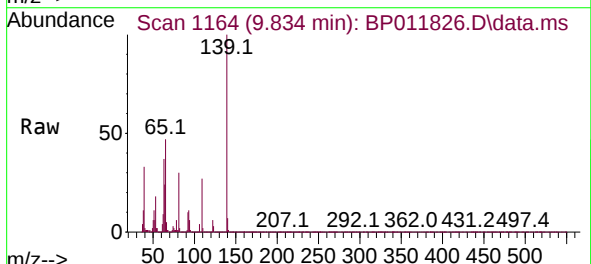
Manual Integrations
APPROVED

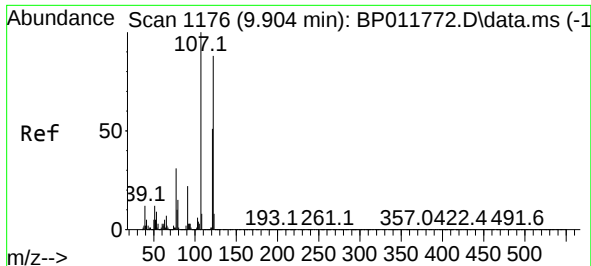
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#26
2-Nitrophenol
Concen: 51.863 ng
RT: 9.834 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

Tgt Ion:139 Resp: 814116
Ion Ratio Lower Upper
139 100
109 26.6 22.6 34.0
65 46.5 44.7 67.1





#27

2,4-Dimethylphenol

Concen: 59.499 ng

RT: 9.893 min Scan# 1174

Delta R.T. -0.000 min

Lab File: BP011826.D

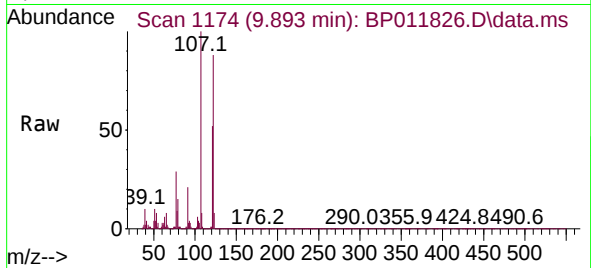
Acq: 27 Sep 2022 21:14

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MSD



Tgt Ion:122 Resp: 147483

Ion Ratio Lower Upper

122 100

107 113.3 91.2 136.8

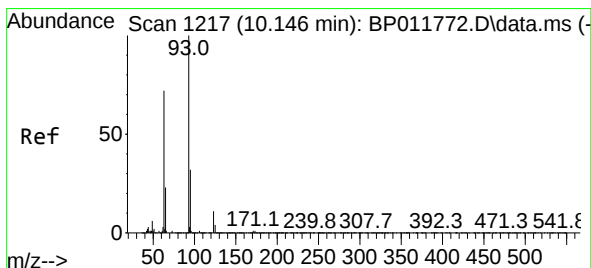
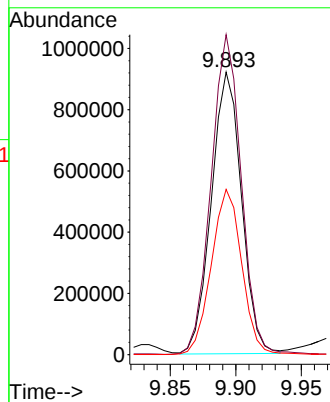
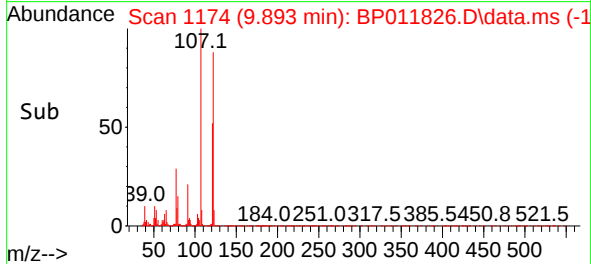
121 58.5 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#28

bis(2-Chloroethoxy)methane

Concen: 49.001 ng

RT: 10.134 min Scan# 1215

Delta R.T. -0.000 min

Lab File: BP011826.D

Acq: 27 Sep 2022 21:14

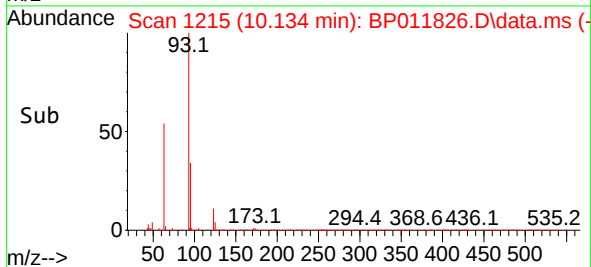
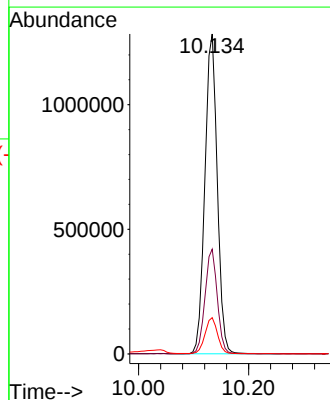
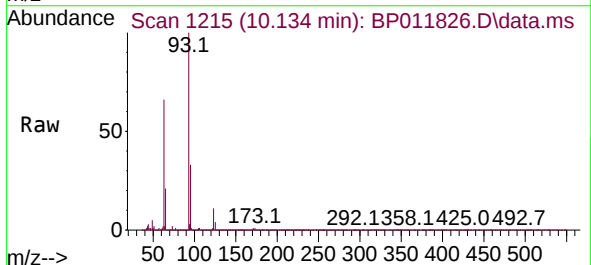
Tgt Ion: 93 Resp: 2004215

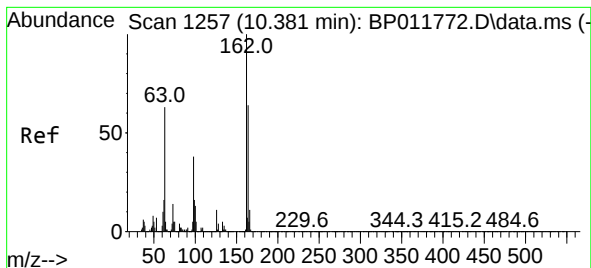
Ion Ratio Lower Upper

93 100

95 32.7 25.6 38.4

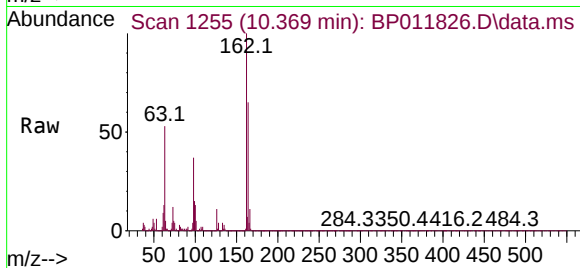
123 11.3 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 56.055 ng
RT: 10.369 min Scan# 1255
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

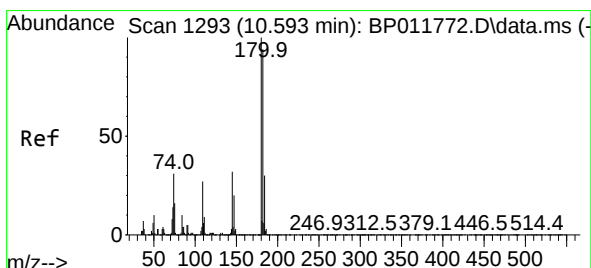
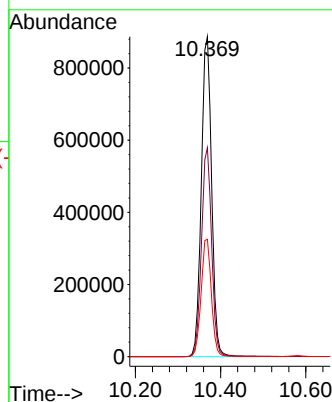
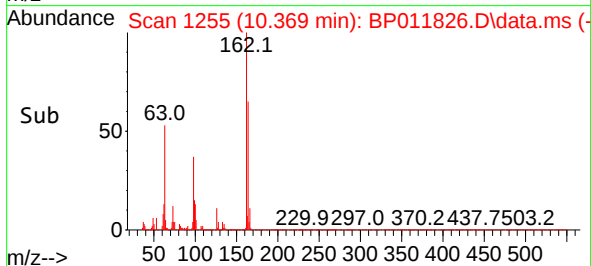
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion:162 Resp: 1486680
Ion Ratio Lower Upper
162 100
164 65.3 44.3 84.3
98 36.7 18.1 58.1

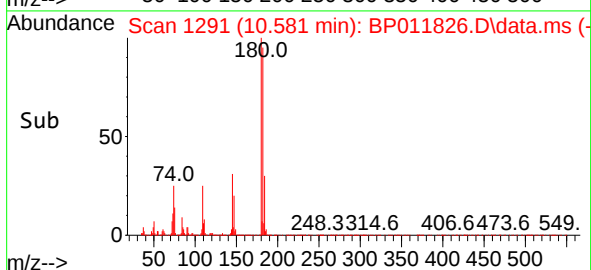
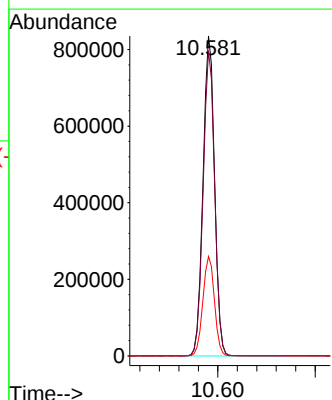
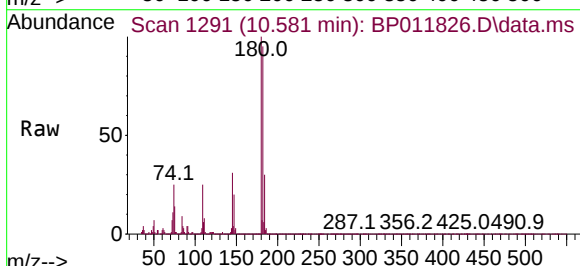
Manual Integrations
APPROVED

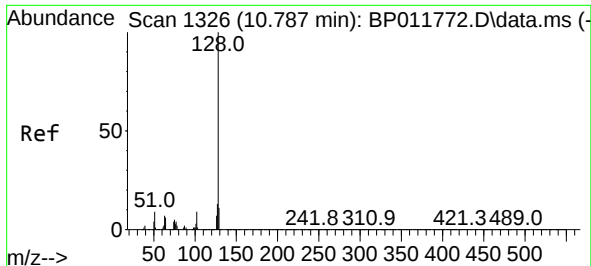
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#30
1,2,4-Trichlorobenzene
Concen: 49.649 ng
RT: 10.581 min Scan# 1291
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

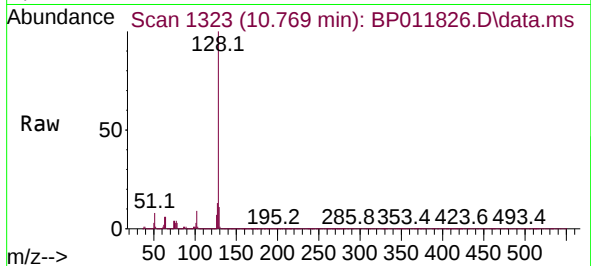
Tgt Ion:180 Resp: 1371119
Ion Ratio Lower Upper
180 100
182 95.4 75.2 112.8
145 31.1 25.8 38.6





#31
Naphthalene
Concen: 45.178 ng
RT: 10.769 min Scan# 1323
Delta R.T. -0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

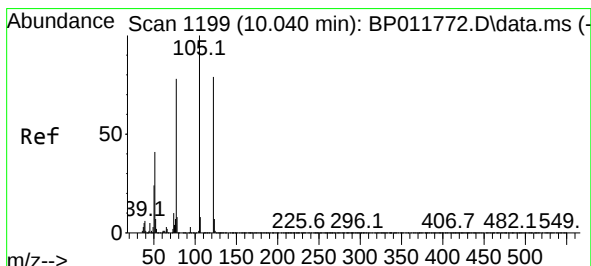
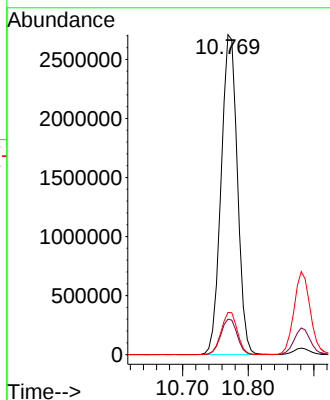
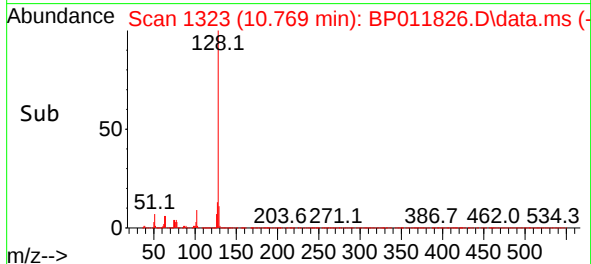
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion:128 Resp: 4689990
Ion Ratio Lower Upper
128 100
129 11.1 8.7 13.1
127 13.2 10.5 15.7

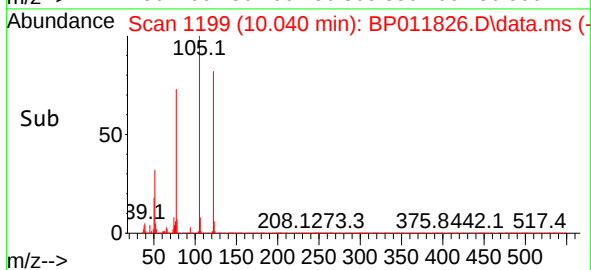
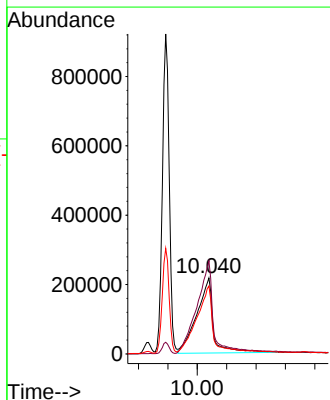
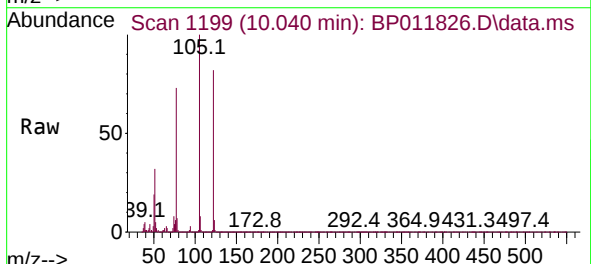
Manual Integrations
APPROVED

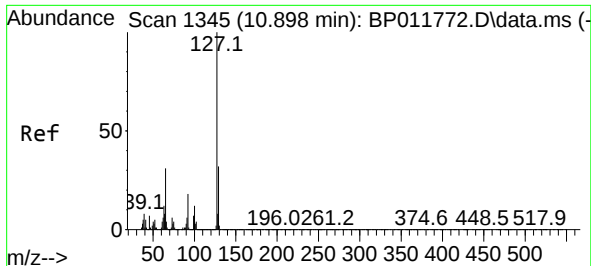
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#32
Benzoic acid
Concen: 41.386 ng
RT: 10.040 min Scan# 1199
Delta R.T. 0.023 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

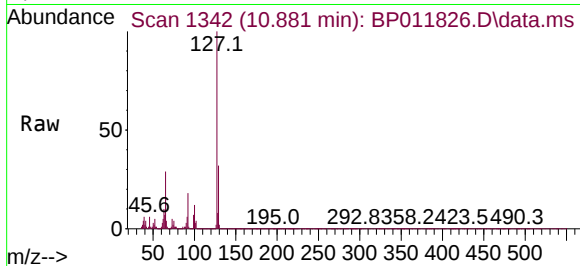
Tgt Ion:122 Resp: 855379
Ion Ratio Lower Upper
122 100
105 122.4 101.0 141.0
77 89.4 75.9 115.9





#33
4-Chloroaniline
Concen: 28.178 ng
RT: 10.881 min Scan# 1345
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

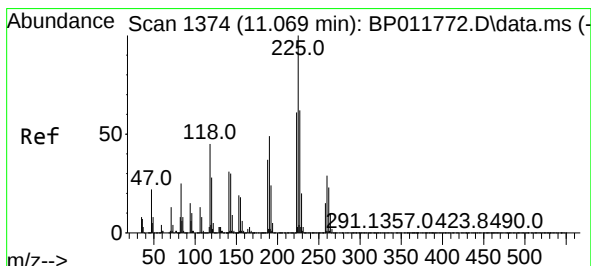
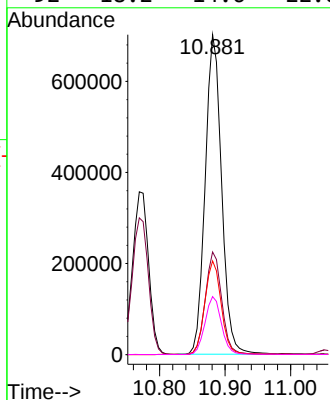
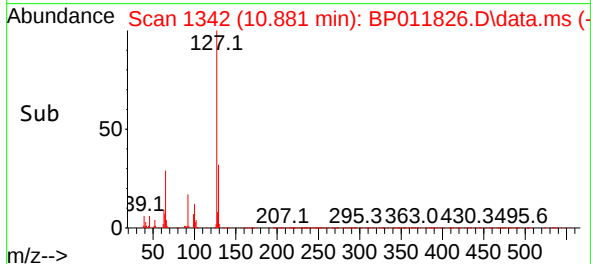
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion:127 Resp: 121959
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.8
65 29.3 25.1 37.7
92 18.2 14.6 22.0

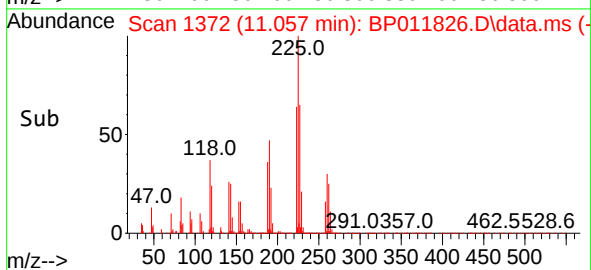
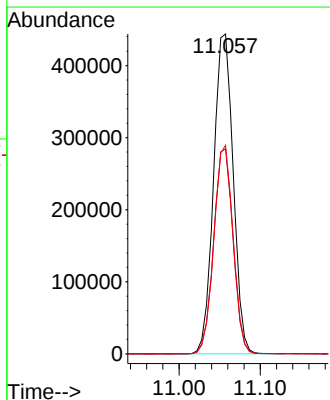
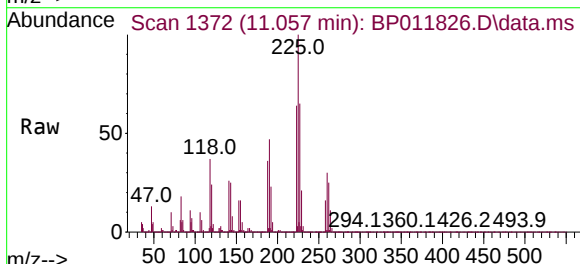
Manual Integrations
APPROVED

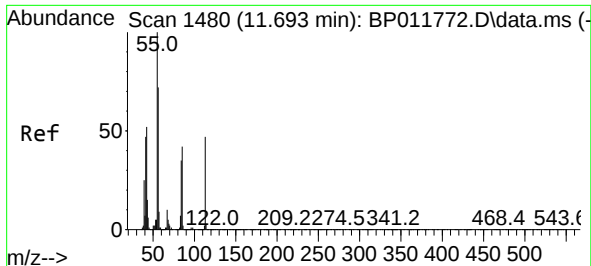
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#34
Hexachlorobutadiene
Concen: 53.466 ng
RT: 11.057 min Scan# 1372
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

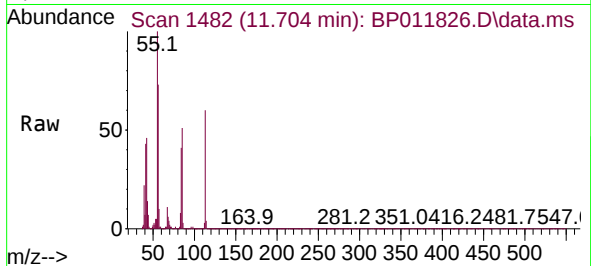
Tgt Ion:225 Resp: 744725
Ion Ratio Lower Upper
225 100
223 64.1 49.0 73.4
227 65.2 49.6 74.4





#35
Caprolactam
Concen: 51.963 ng m
RT: 11.704 min Scan# 1480
Delta R.T. 0.023 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

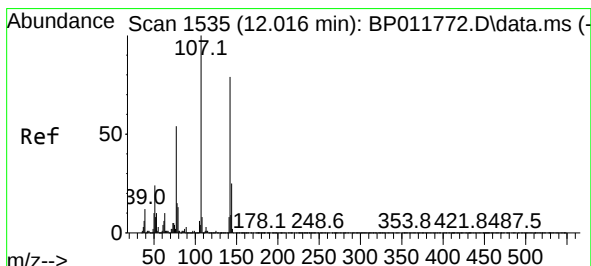
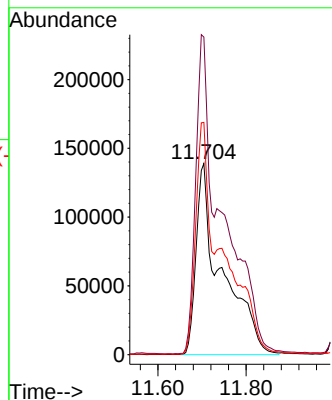
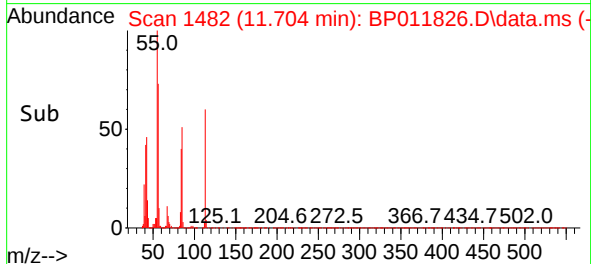
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion:113 Resp: 560105
Ion Ratio Lower Upper
113 100
55 166.1 191.1 231.1
56 121.6 131.1 171.1

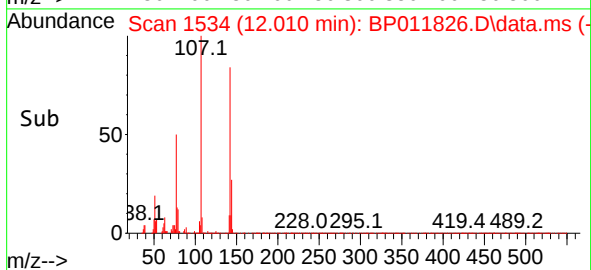
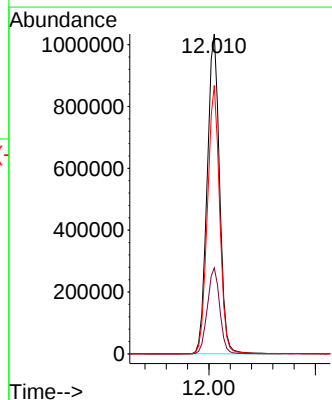
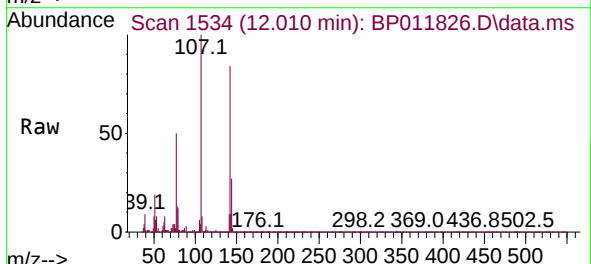
Manual Integrations
APPROVED

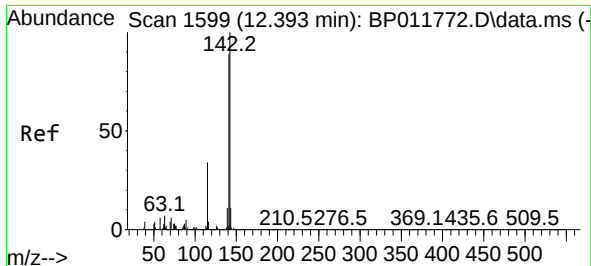
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#36
4-Chloro-3-methylphenol
Concen: 51.856 ng
RT: 12.010 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

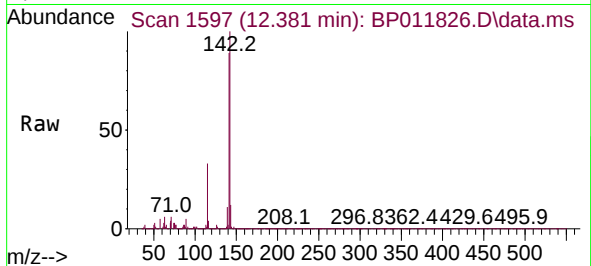
Tgt Ion:107 Resp: 1669181
Ion Ratio Lower Upper
107 100
144 26.9 20.2 30.2
142 83.9 63.5 95.3





#37
2-Methylnaphthalene
Concen: 46.207 ng
RT: 12.381 min Scan# 1599
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

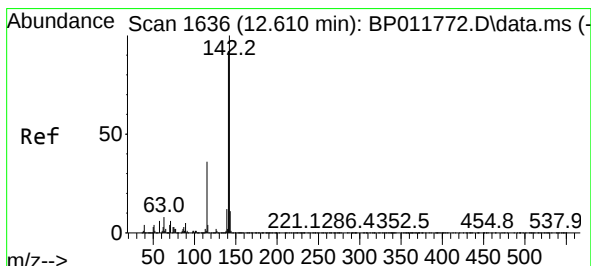
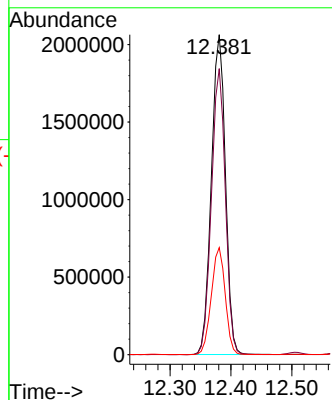
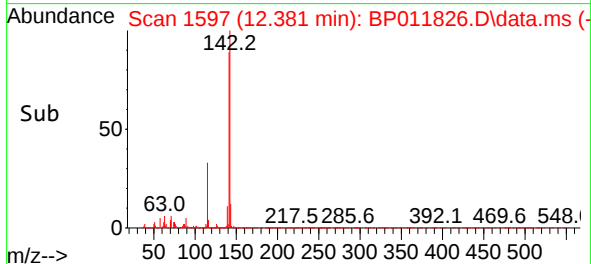
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



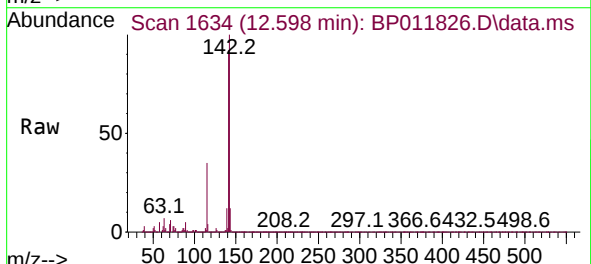
Tgt Ion:142 Resp: 3312623
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7
115 33.4 27.4 41.0

Manual Integrations
APPROVED

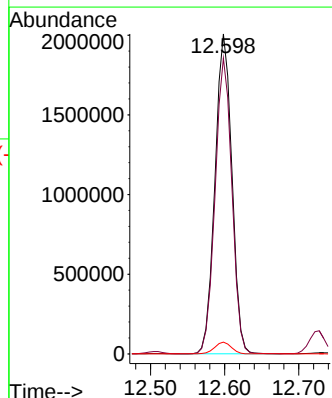
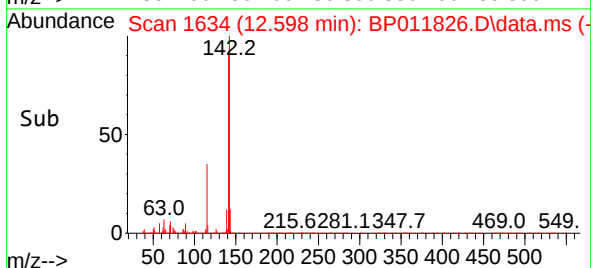
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

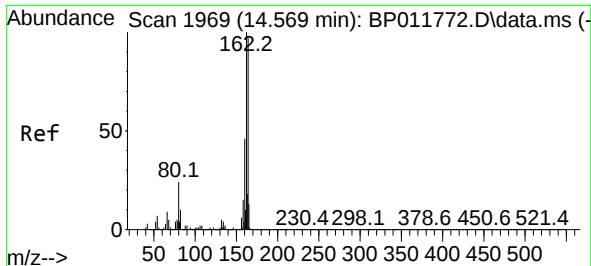


#38
1-Methylnaphthalene
Concen: 45.035 ng
RT: 12.598 min Scan# 1634
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14



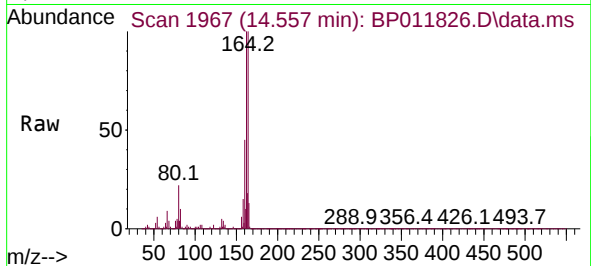
Tgt Ion:142 Resp: 3179381
Ion Ratio Lower Upper
142 100
141 92.4 73.4 110.2
116 3.7 3.0 4.6





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.557 min Scan# 1967
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

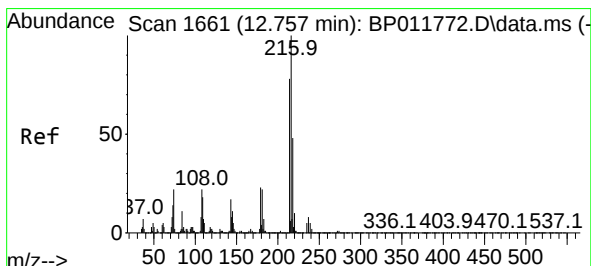
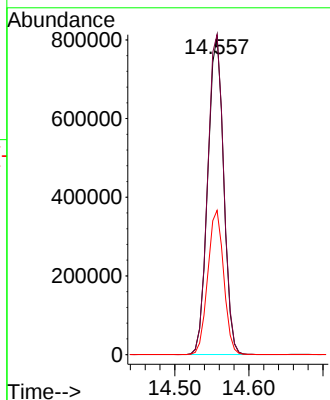
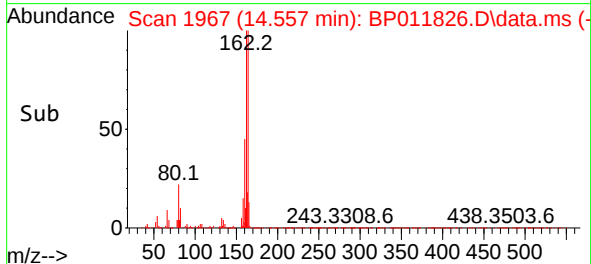
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



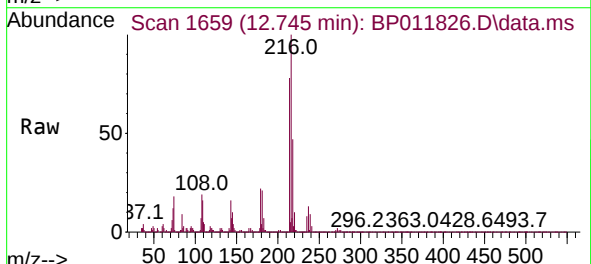
Tgt Ion:164 Resp: 1202916
Ion Ratio Lower Upper
164 100
162 100.3 82.5 123.7
160 45.2 37.8 56.6

Manual Integrations
APPROVED

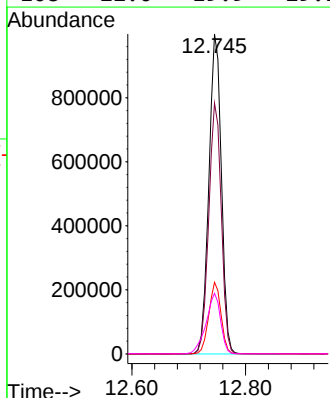
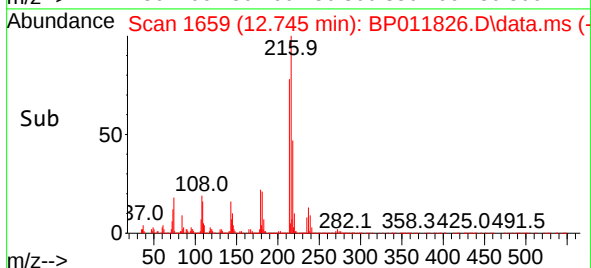
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

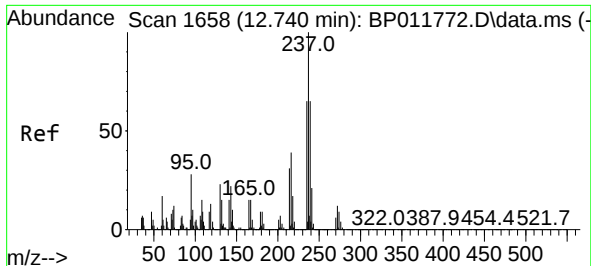


#40
1,2,4,5-Tetrachlorobenzene
Concen: 56.383 ng
RT: 12.745 min Scan# 1659
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14



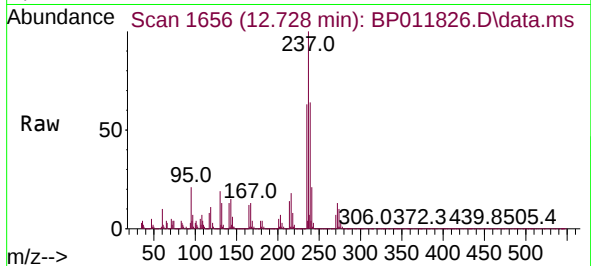
Tgt Ion:216 Resp: 1528544
Ion Ratio Lower Upper
216 100
214 78.8 63.3 94.9
179 21.9 18.5 27.7
108 22.0 19.9 29.9





#41
Hexachlorocyclopentadiene
Concen: 118.098 ng
RT: 12.728 min Scan# 1656
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

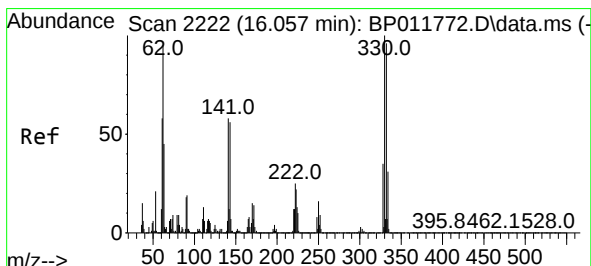
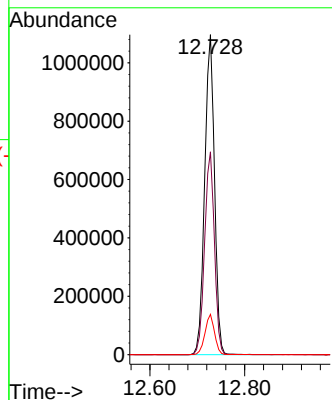
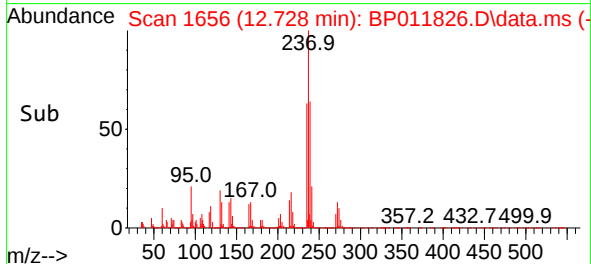
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion: 237 Resp: 1570168
Ion Ratio Lower Upper
237 100
235 63.4 45.5 85.5
272 12.6 0.0 31.6

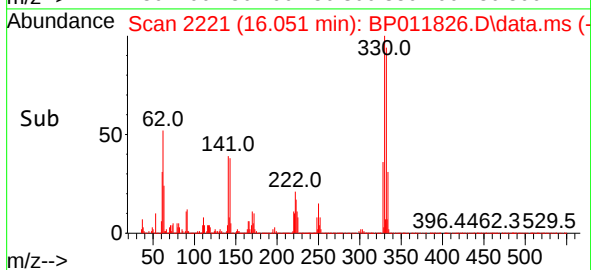
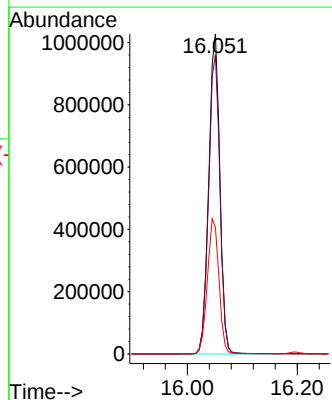
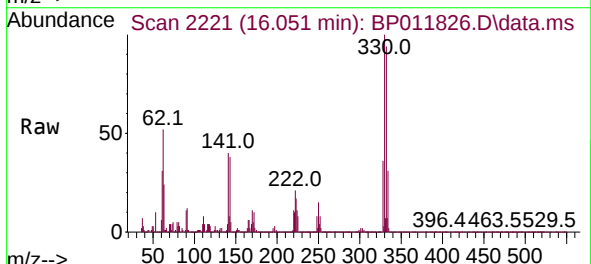
Manual Integrations
APPROVED

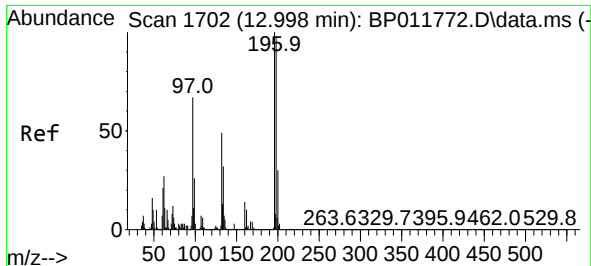
Reviewed By : Christian Giraldo 09/28/2022
Supervised By : Jagrut Upadhyay 09/28/2022



#42
2,4,6-Tribromophenol
Concen: 178.633 ng
RT: 16.051 min Scan# 2221
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

Tgt Ion: 330 Resp: 1446894
Ion Ratio Lower Upper
330 100
332 95.0 76.6 114.8
141 43.7 48.7 73.1#





#43

2,4,6-Trichlorophenol

Concen: 58.682 ng

RT: 12.987 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BP011826.D

Acq: 27 Sep 2022 21:14

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MSD

Tgt Ion:196 Resp: 1151560

Ion Ratio Lower Upper

196 100

198 94.7 77.8 116.6

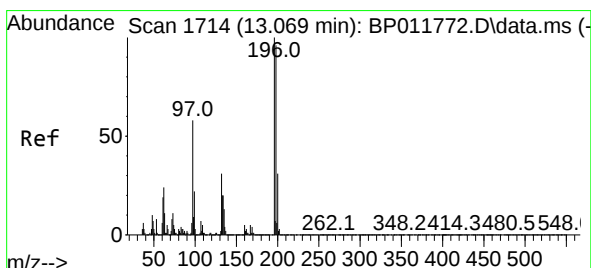
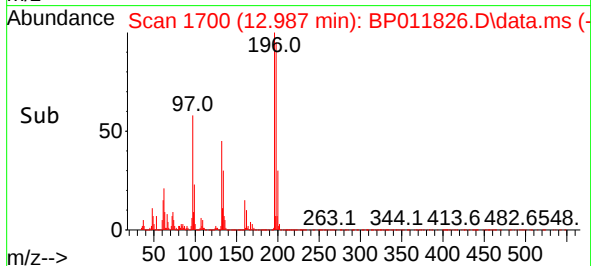
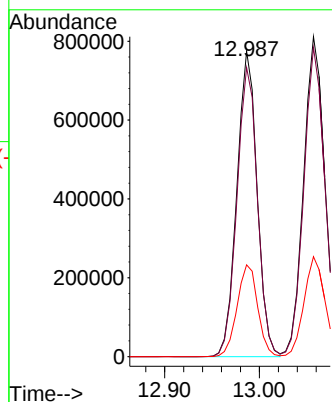
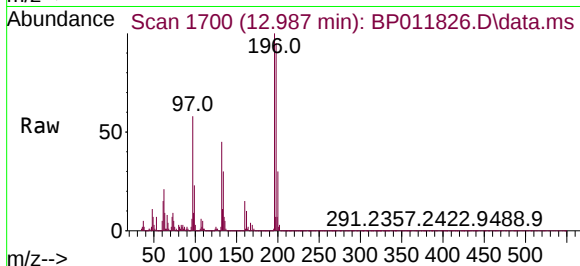
200 30.0 24.3 36.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#44

2,4,5-Trichlorophenol

Concen: 56.337 ng

RT: 13.057 min Scan# 1712

Delta R.T. -0.000 min

Lab File: BP011826.D

Acq: 27 Sep 2022 21:14

Tgt Ion:196 Resp: 1270704

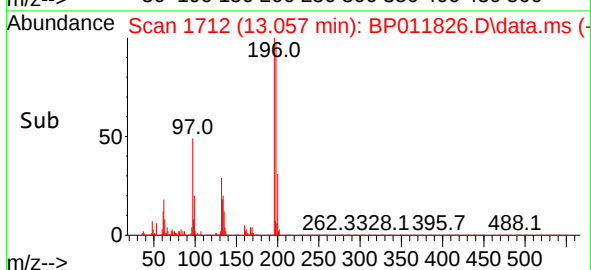
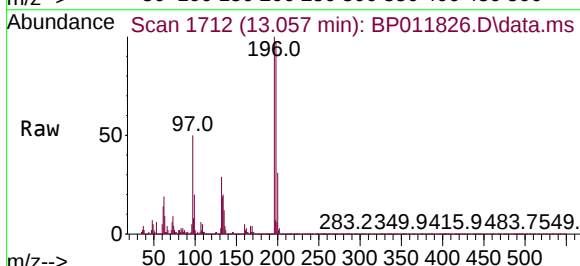
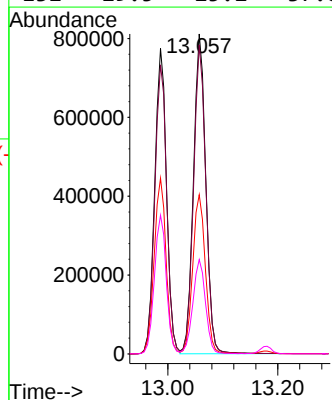
Ion Ratio Lower Upper

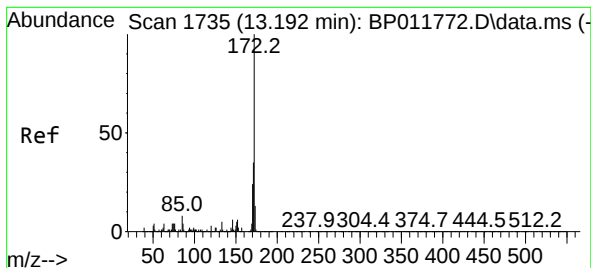
196 100

198 96.6 77.0 115.6

97 49.7 46.2 69.4

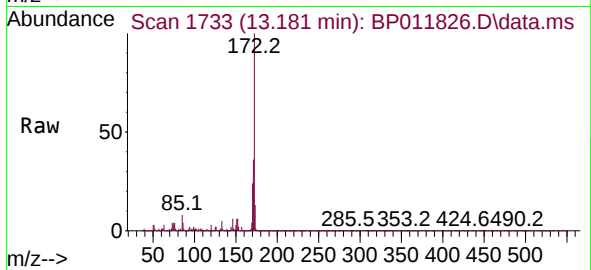
132 29.5 25.2 37.8





#45
2-Fluorobiphenyl
Concen: 78.668 ng
RT: 13.181 min Scan# 1733
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

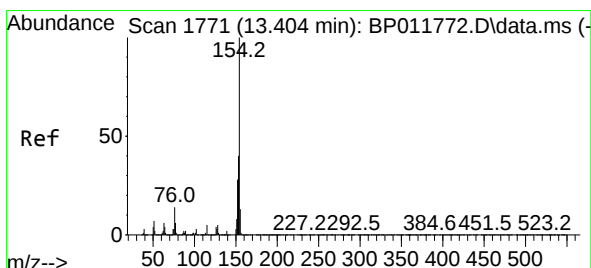
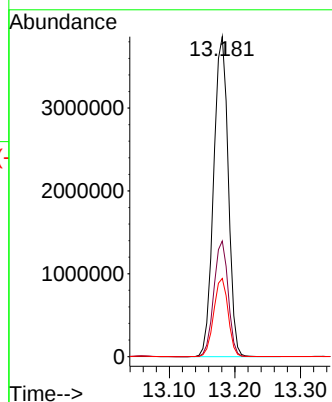
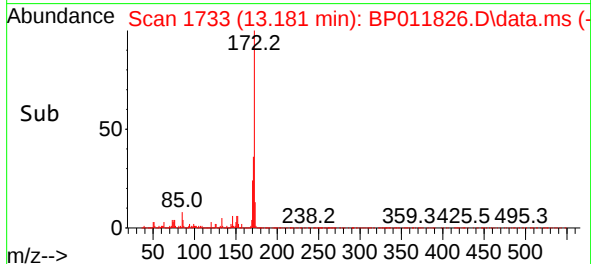
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion:172 Resp: 598406
Ion Ratio Lower Upper
172 100
171 36.1 27.9 41.9
170 24.4 19.5 29.3

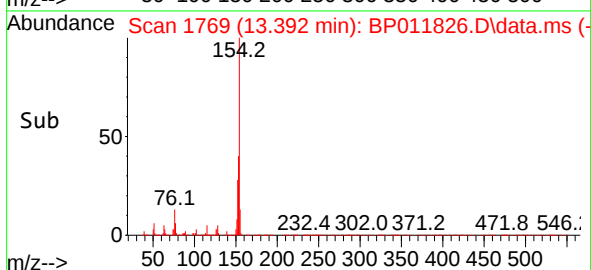
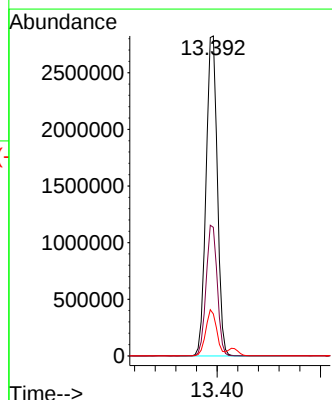
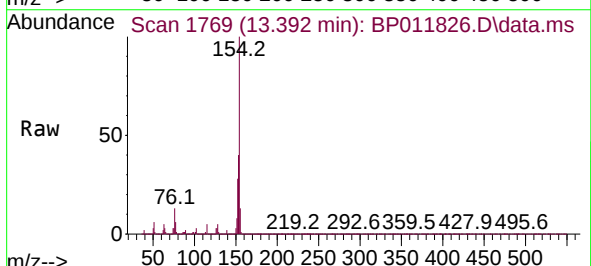
Manual Integrations
APPROVED

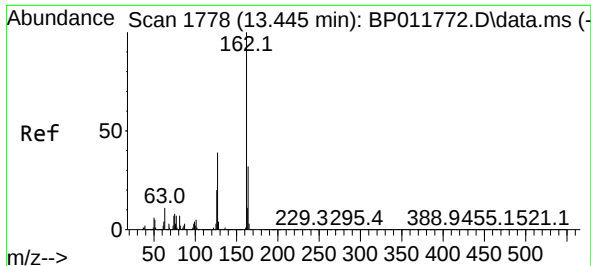
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#46
1,1'-Biphenyl
Concen: 48.740 ng
RT: 13.392 min Scan# 1769
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

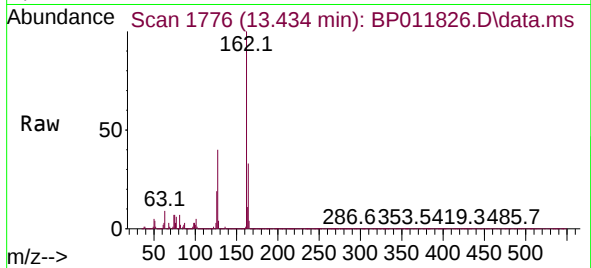
Tgt Ion:154 Resp: 4259826
Ion Ratio Lower Upper
154 100
153 40.2 19.5 59.5
76 13.1 0.0 34.2





#47
2-Chloronaphthalene
Concen: 47.464 ng
RT: 13.434 min Scan# 1776
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

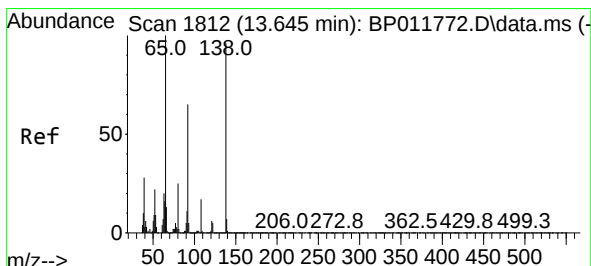
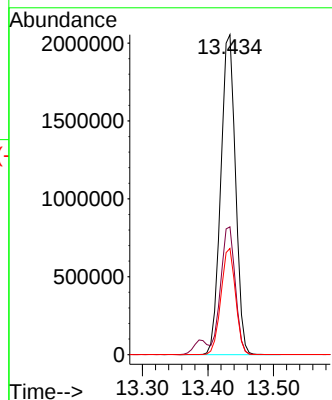
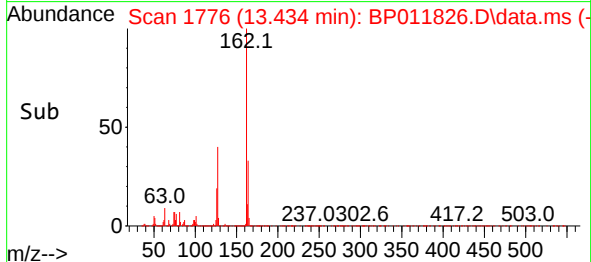
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion:162 Resp: 3217633
Ion Ratio Lower Upper
162 100
127 40.0 31.5 47.3
164 33.2 25.9 38.9

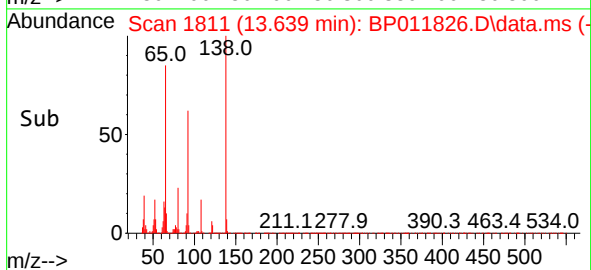
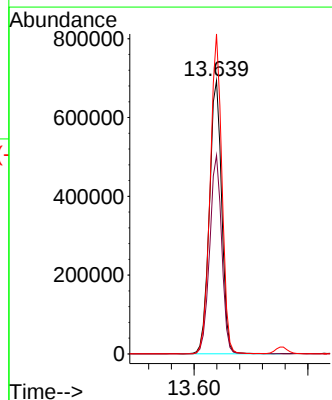
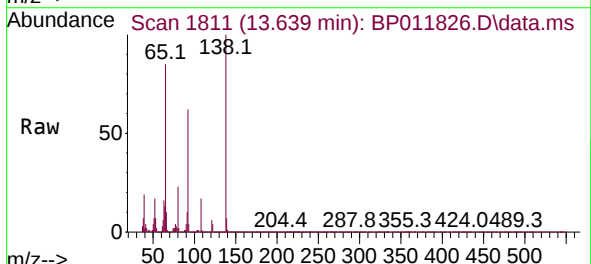
Manual Integrations
APPROVED

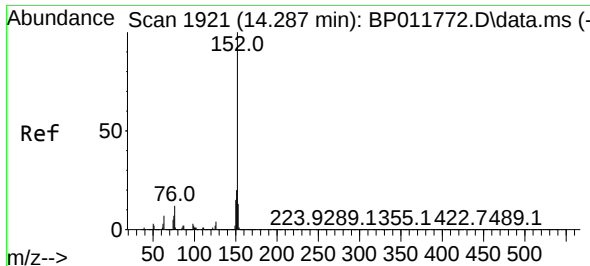
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#48
2-Nitroaniline
Concen: 43.197 ng
RT: 13.639 min Scan# 1811
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

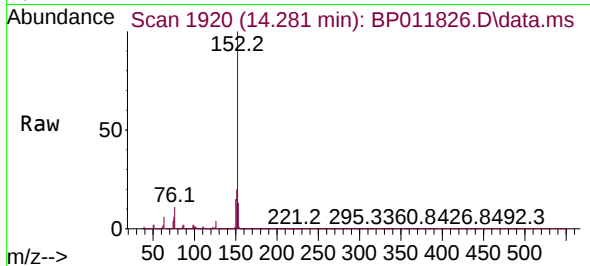
Tgt Ion: 65 Resp: 1044065
Ion Ratio Lower Upper
65 100
92 72.7 52.3 78.5
138 117.1 76.5 114.7#





#49
Acenaphthylene
Concen: 47.137 ng
RT: 14.281 min Scan# 1921
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

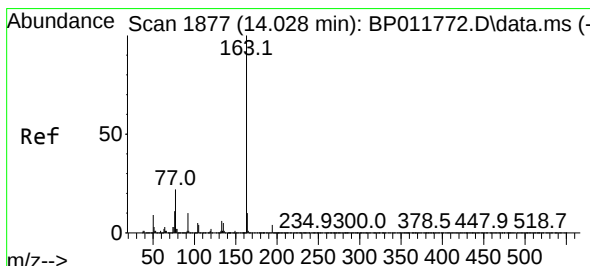
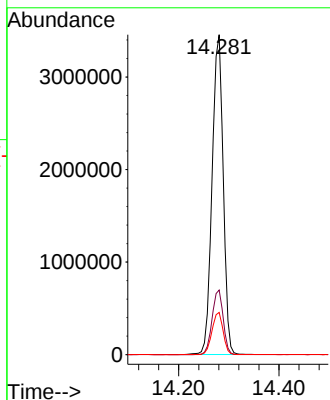
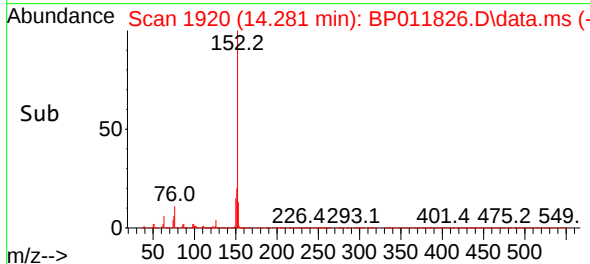
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



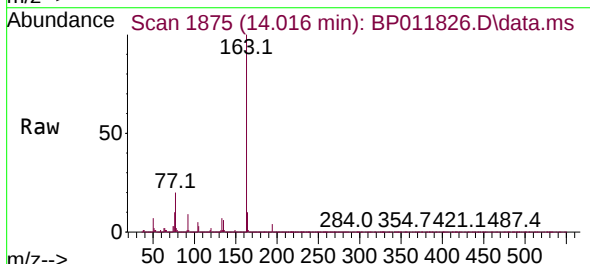
Tgt Ion:152 Resp: 5304103
Ion Ratio Lower Upper
152 100
151 20.2 16.2 24.4
153 13.2 10.6 16.0

Manual Integrations
APPROVED

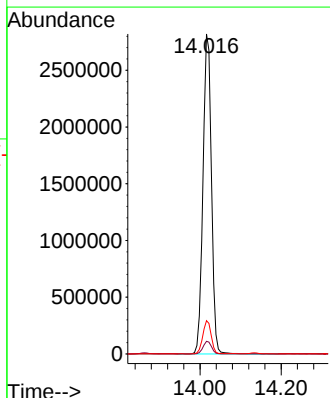
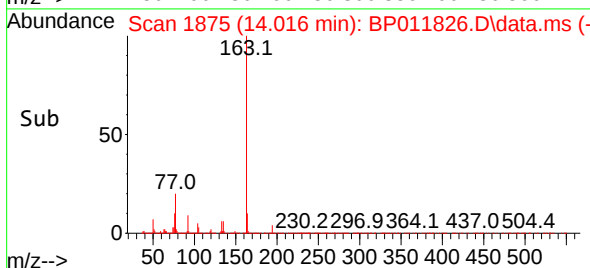
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

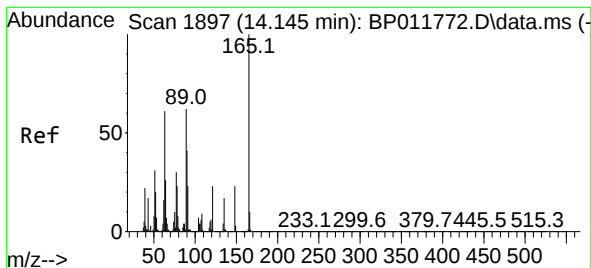


#50
Dimethylphthalate
Concen: 45.974 ng
RT: 14.016 min Scan# 1875
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14



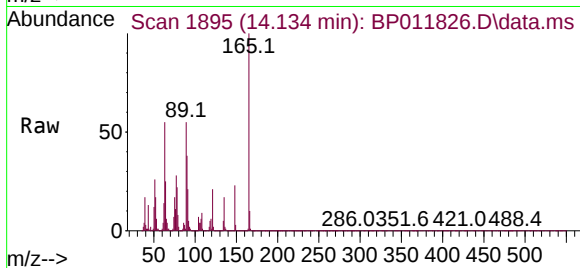
Tgt Ion:163 Resp: 4054853
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.4 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 49.620 ng
RT: 14.134 min Scan# 1895
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

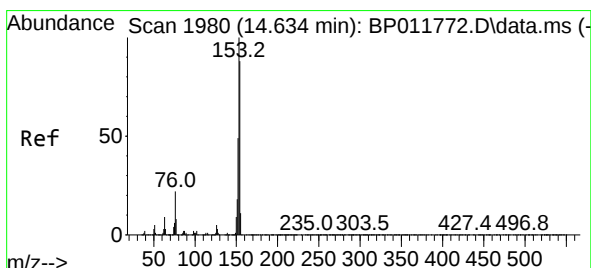
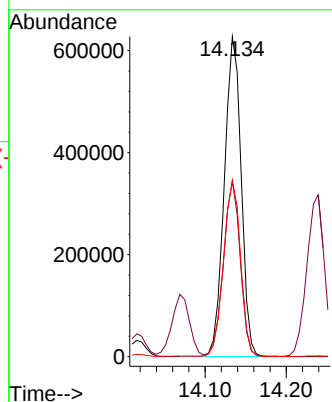
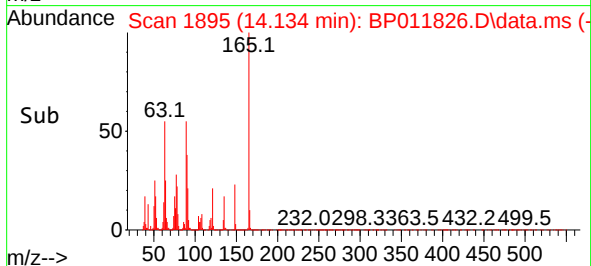
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



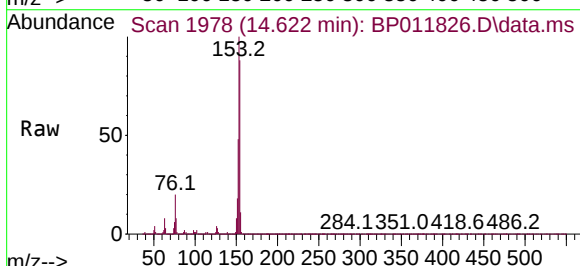
Tgt Ion:165 Resp: 903579
Ion Ratio Lower Upper
165 100
63 54.7 51.0 76.4
89 55.2 49.3 73.9

Manual Integrations
APPROVED

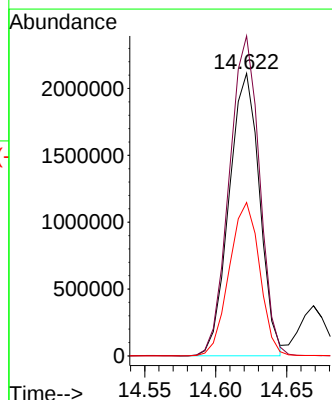
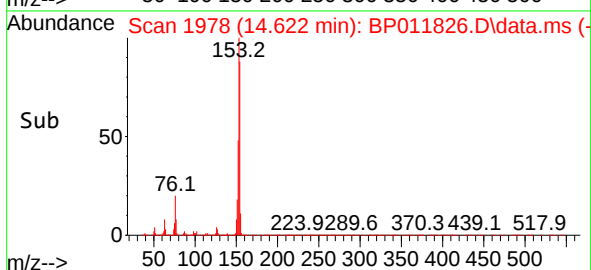
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

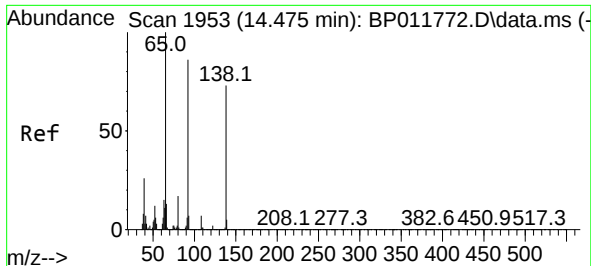


#52
Acenaphthene
Concen: 45.713 ng
RT: 14.622 min Scan# 1978
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14



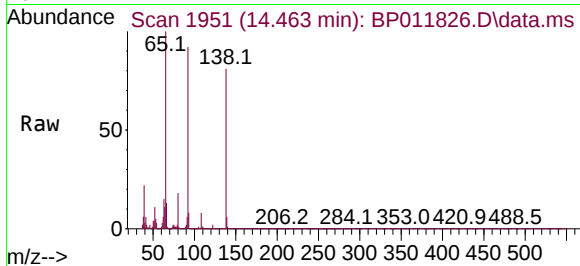
Tgt Ion:154 Resp: 3154718
Ion Ratio Lower Upper
154 100
153 113.3 90.8 136.2
152 54.3 44.6 66.8





#53
3-Nitroaniline
Concen: 36.566 ng
RT: 14.463 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

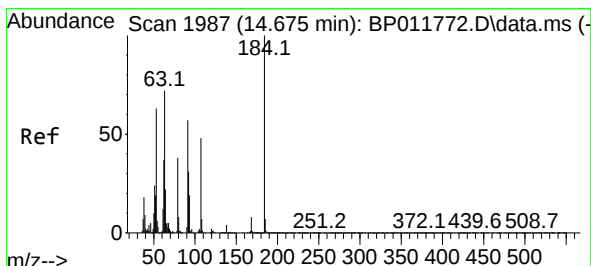
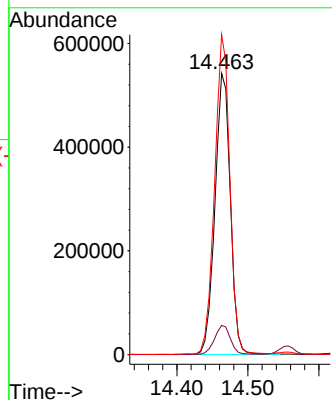
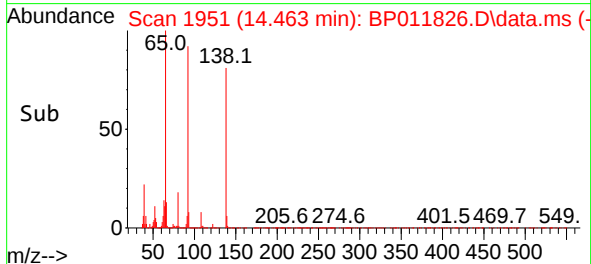
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion:138 Resp: 815543
Ion Ratio Lower Upper
138 100
108 10.4 7.6 11.4
92 113.8 94.6 142.0

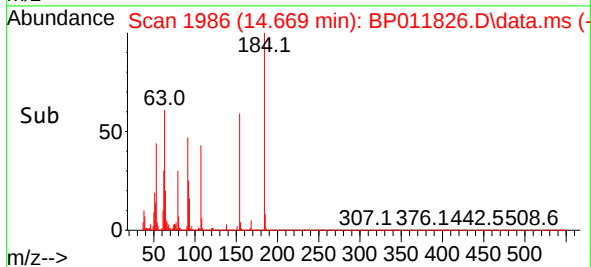
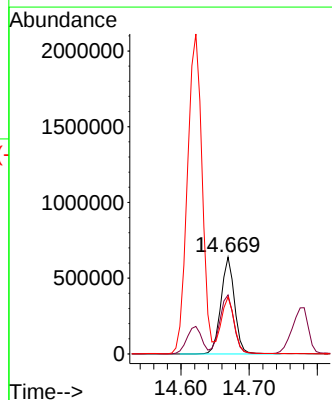
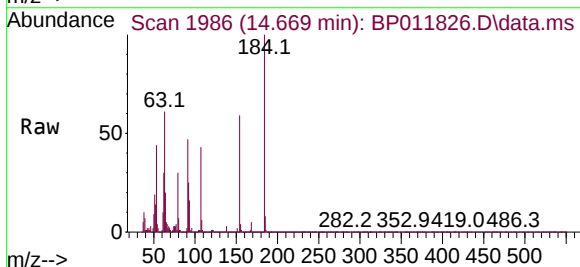
Manual Integrations
APPROVED

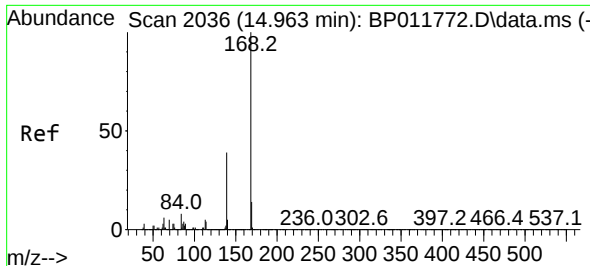
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#54
2,4-Dinitrophenol
Concen: 90.095 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

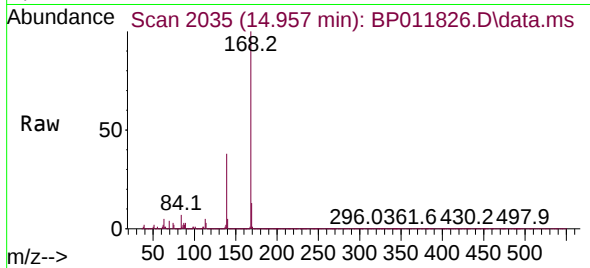
Tgt Ion:184 Resp: 875404
Ion Ratio Lower Upper
184 100
63 61.0 65.7 98.5#
154 58.7 48.2 72.4





#55
Dibenzenofuran
Concen: 46.047 ng
RT: 14.957 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

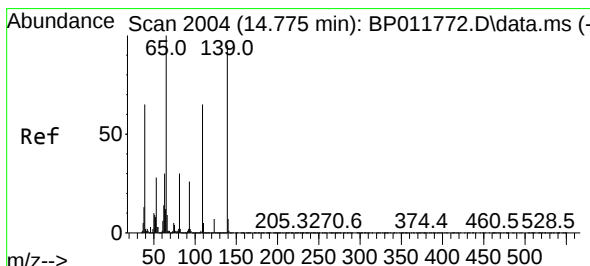
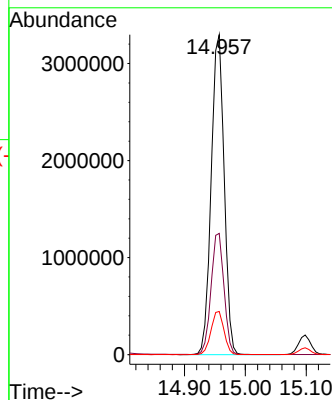
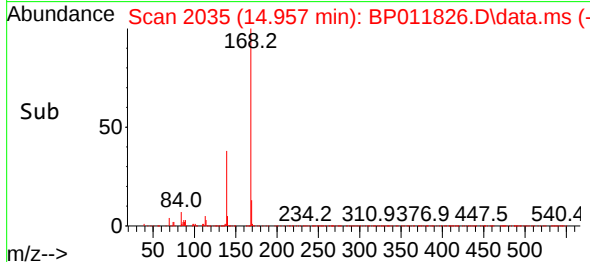
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion:168 Resp: 487065
Ion Ratio Lower Upper
168 100
139 37.9 31.3 46.9
169 13.5 11.0 16.4

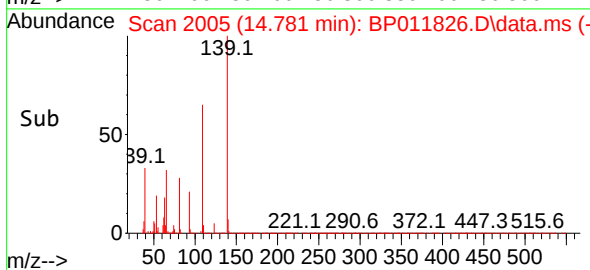
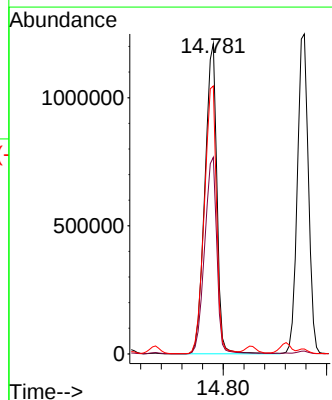
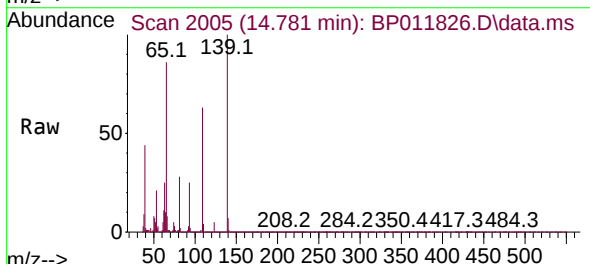
Manual Integrations
APPROVED

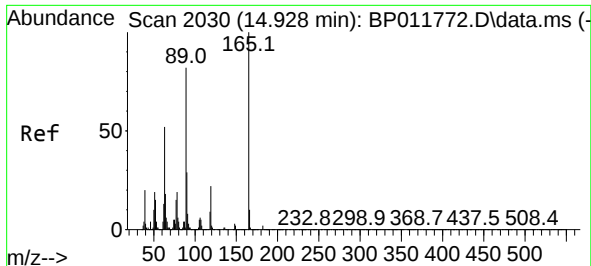
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#56
4-Nitrophenol
Concen: 105.375 ng
RT: 14.781 min Scan# 2005
Delta R.T. 0.018 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

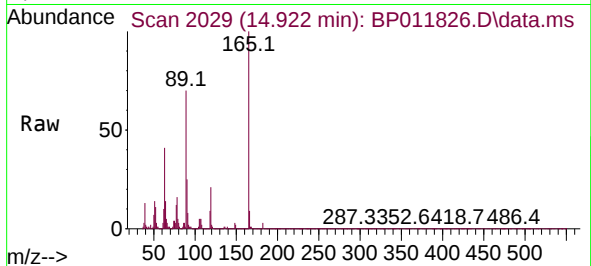
Tgt Ion:139 Resp: 1951700
Ion Ratio Lower Upper
139 100
109 63.4 48.3 88.3
65 86.4 85.0 125.0





#57
2,4-Dinitrotoluene
Concen: 46.713 ng
RT: 14.922 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

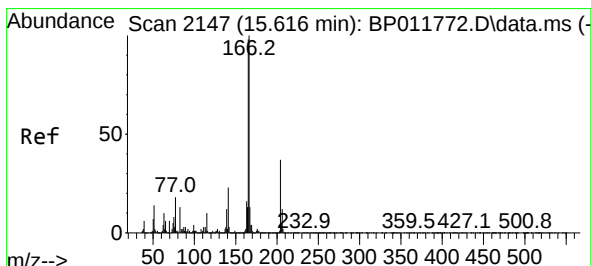
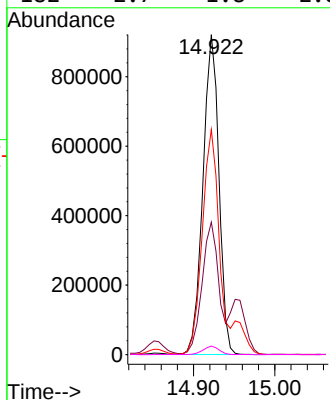
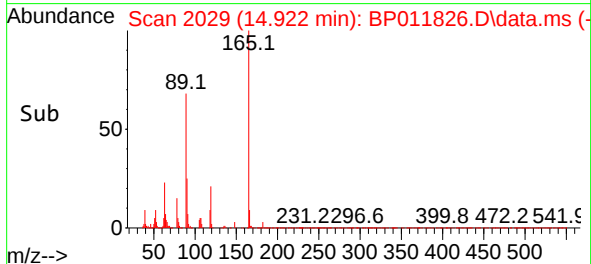
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion:165 Resp: 126155
Ion Ratio Lower Upper
165 100
63 41.4 41.4 62.2
89 70.3 66.0 99.0
182 2.7 1.8 2.8

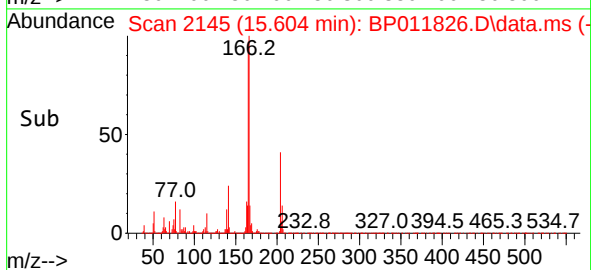
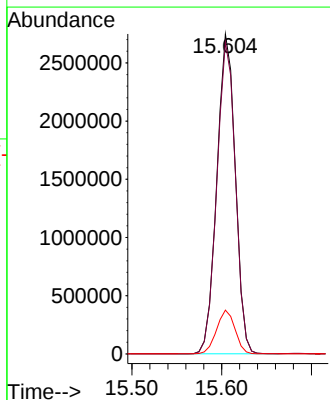
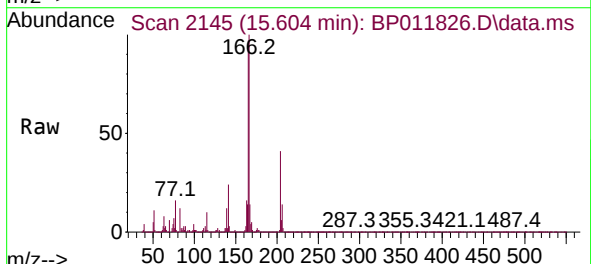
Manual Integrations
APPROVED

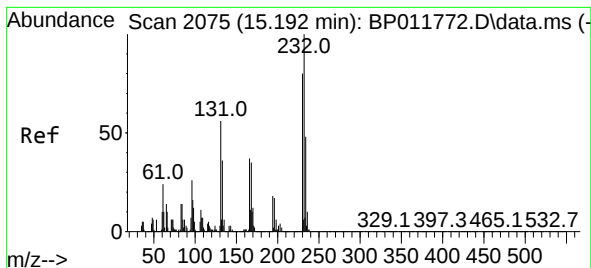
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#58
Fluorene
Concen: 43.883 ng
RT: 15.604 min Scan# 2145
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

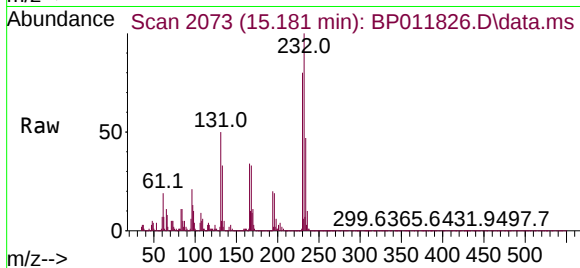
Tgt Ion:166 Resp: 3937945
Ion Ratio Lower Upper
166 100
165 97.4 78.2 117.4
167 13.7 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 56.807 ng m
RT: 15.181 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

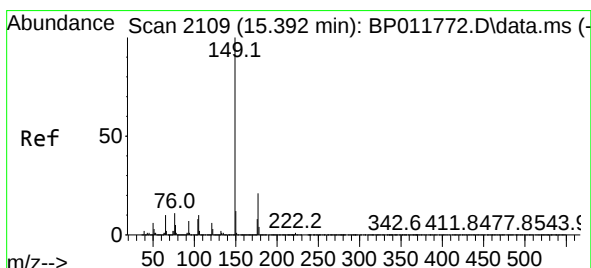
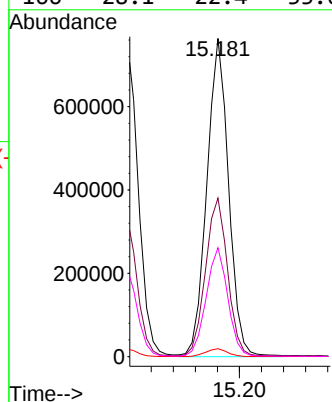
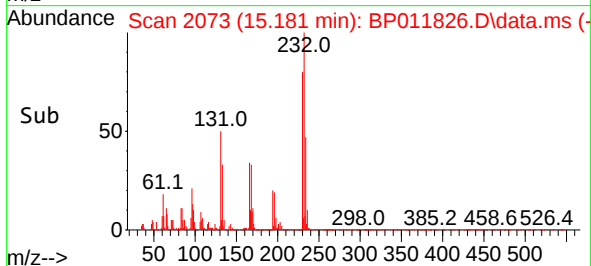
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



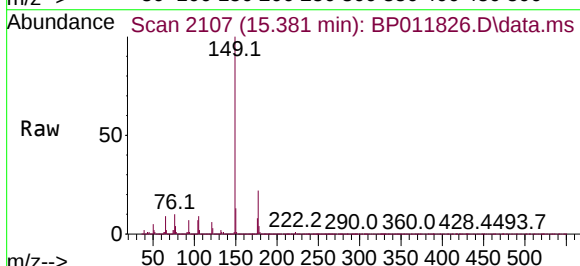
Tgt Ion:232 Resp: 1046148
Ion Ratio Lower Upper
232 100
131 45.9 39.5 59.3
130 2.5 2.3 3.5
166 28.1 22.4 33.6

Manual Integrations
APPROVED

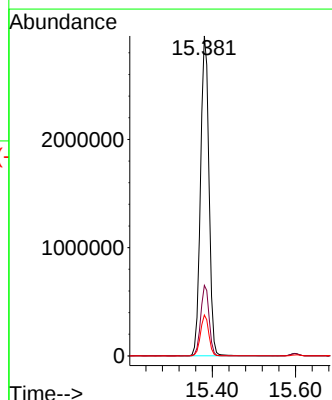
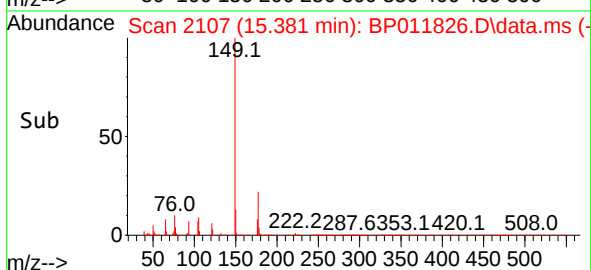
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

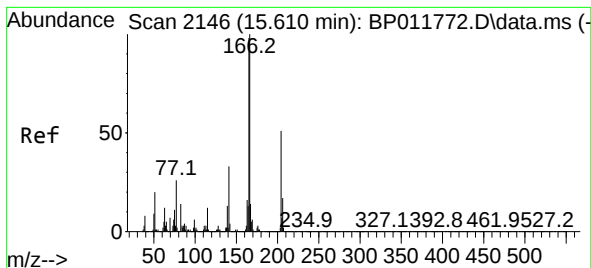


#60
Diethylphthalate
Concen: 45.157 ng
RT: 15.381 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14



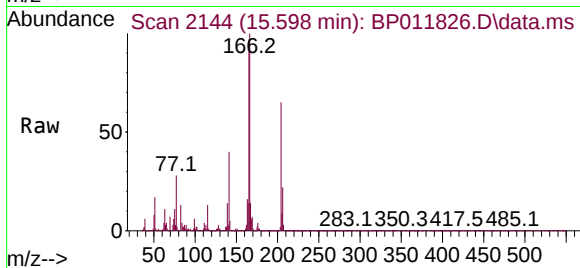
Tgt Ion:149 Resp: 4158604
Ion Ratio Lower Upper
149 100
177 22.1 16.9 25.3
150 12.8 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 49.297 ng
RT: 15.598 min Scan# 2146
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

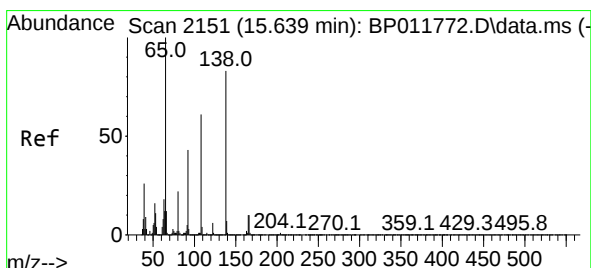
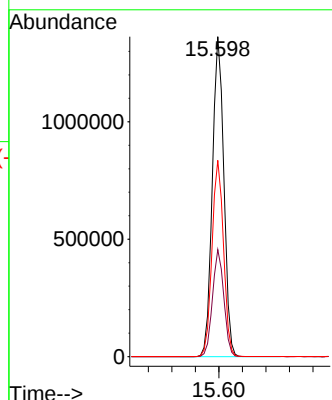
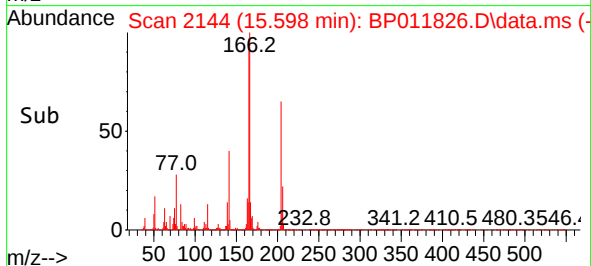
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



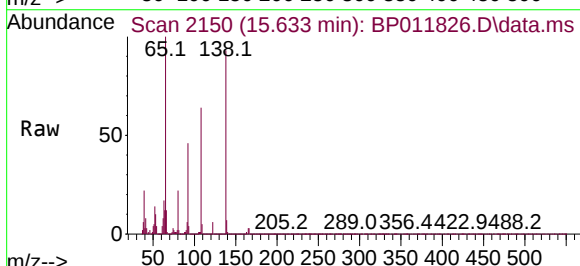
Tgt Ion:204 Resp: 1849566
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.4
141 61.3 51.4 77.2

Manual Integrations
APPROVED

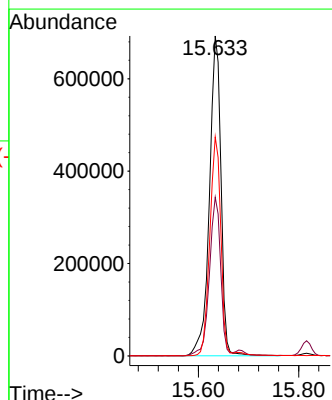
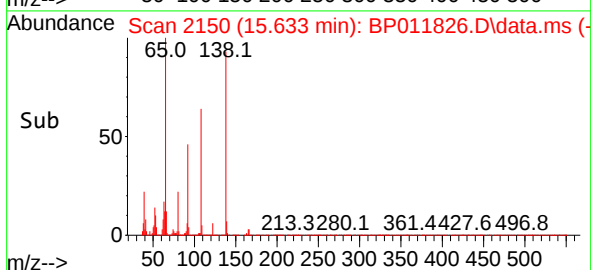
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

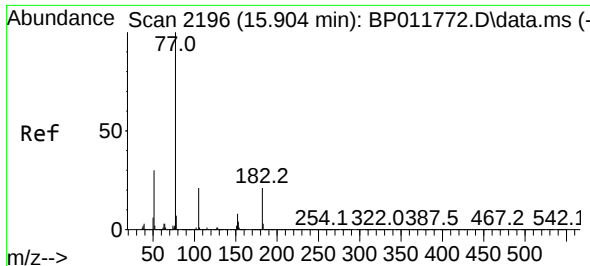


#62
4-Nitroaniline
Concen: 42.748 ng
RT: 15.633 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14



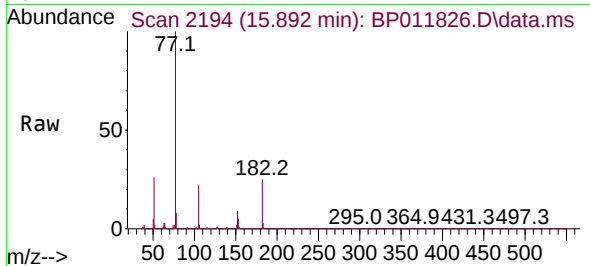
Tgt Ion:138 Resp: 1107574
Ion Ratio Lower Upper
138 100
92 49.6 31.9 71.9
108 68.4 53.3 93.3





#63
Azobenzene
Concen: 39.587 ng
RT: 15.892 min Scan# 2196
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

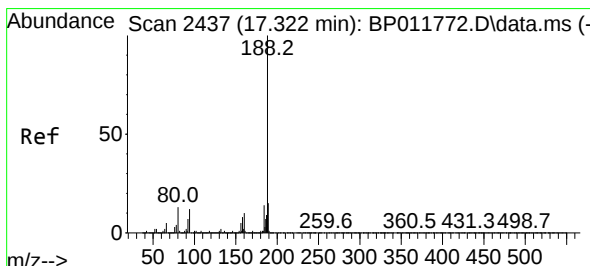
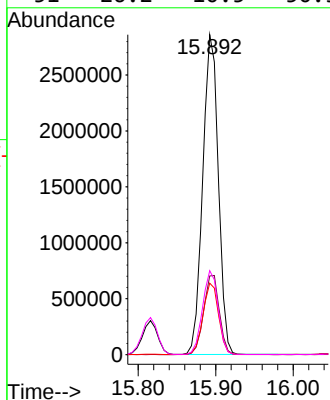
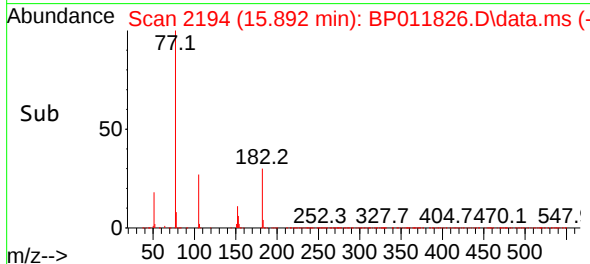
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion: 77 Resp: 399188
Ion Ratio Lower Upper
77 100
182 24.6 1.3 41.3
105 22.3 0.5 40.5
51 26.2 10.5 50.5

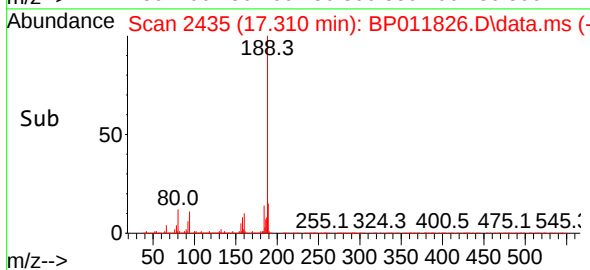
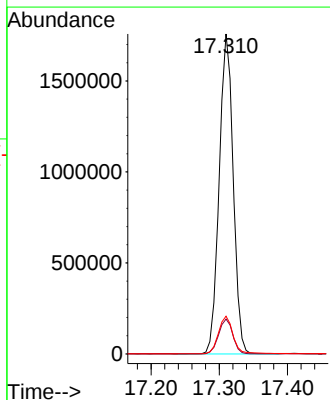
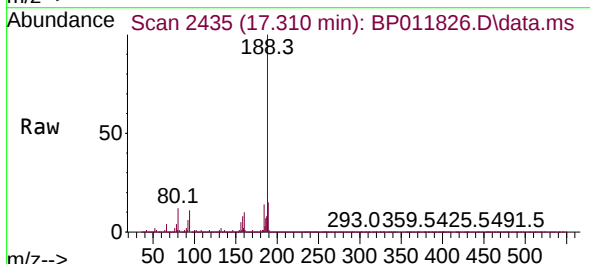
Manual Integrations
APPROVED

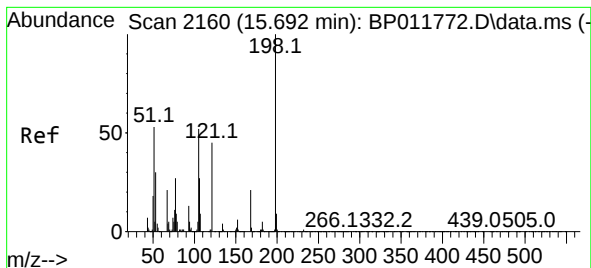
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

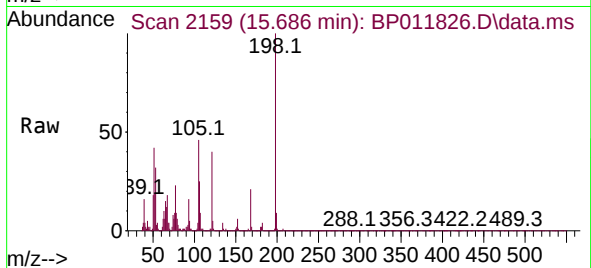
Tgt Ion:188 Resp: 2490191
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.0
80 11.8 10.6 15.8





#65
4,6-Dinitro-2-methylphenol
Concen: 49.875 ng
RT: 15.686 min Scan# 211
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

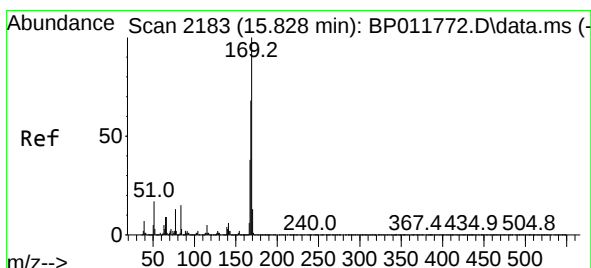
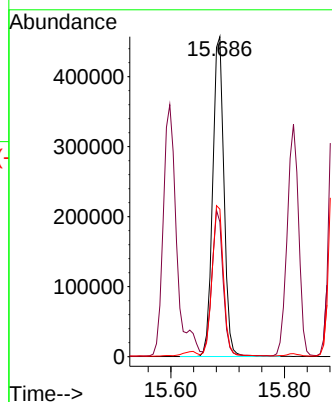
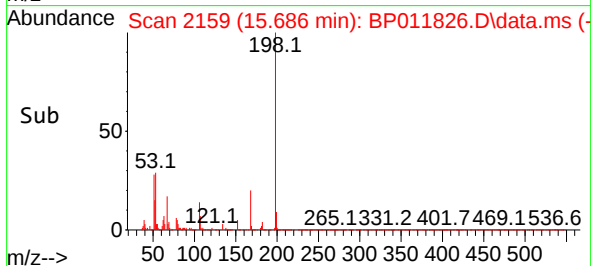
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion:198 Resp: 632589
Ion Ratio Lower Upper
198 100
51 42.1 41.6 81.6
105 46.1 33.2 73.2

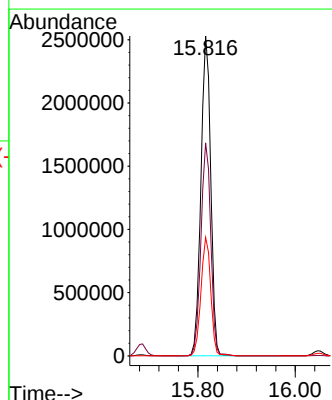
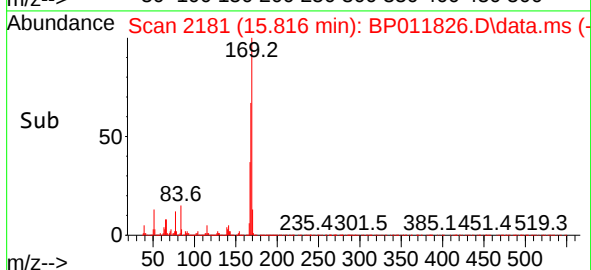
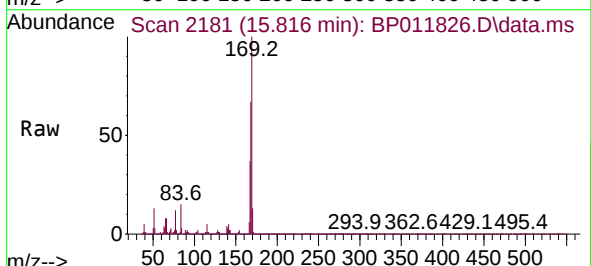
Manual Integrations
APPROVED

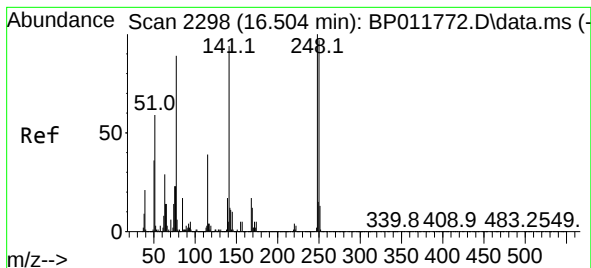
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#66
n-Nitrosodiphenylamine
Concen: 47.346 ng
RT: 15.816 min Scan# 2181
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

Tgt Ion:169 Resp: 3513000
Ion Ratio Lower Upper
169 100
168 66.6 54.5 81.7
167 37.0 30.1 45.1





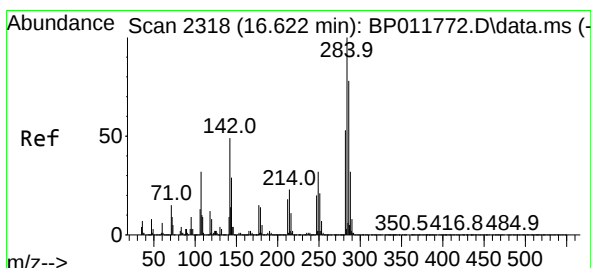
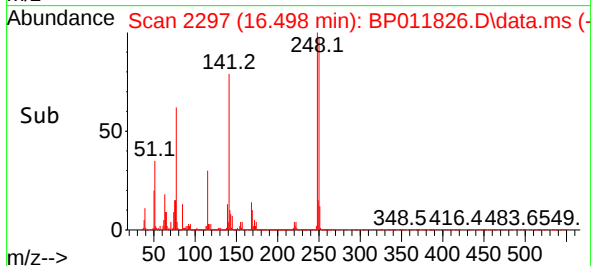
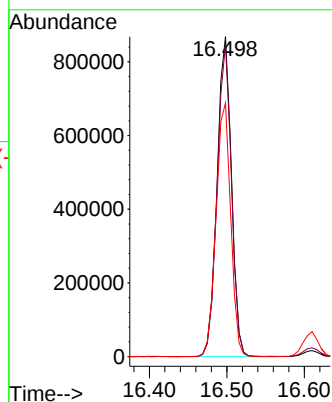
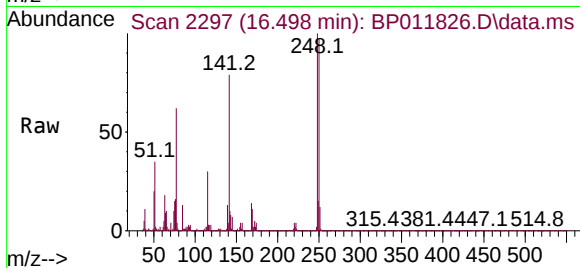
#67
4-Bromophenyl-phenylether
Concen: 55.037 ng
RT: 16.498 min Scan# 211
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD

Tgt Ion:248 Resp: 1123950
Ion Ratio Lower Upper
248 100
250 97.5 77.6 116.4
141 79.3 75.4 113.0

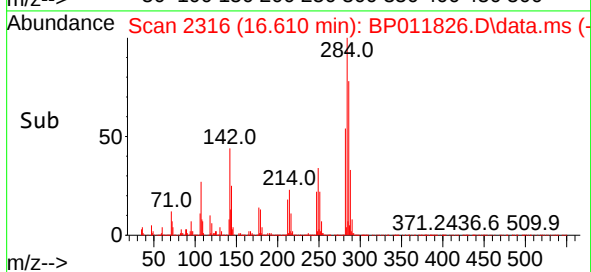
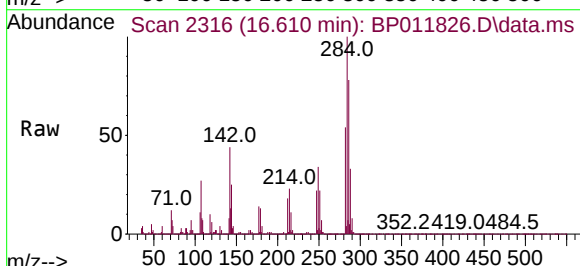
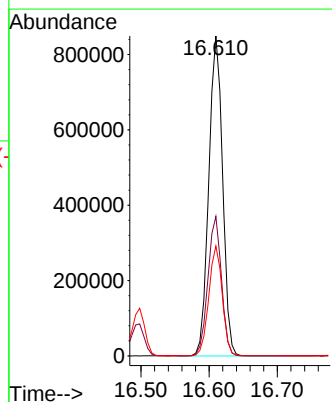
Manual Integrations
APPROVED

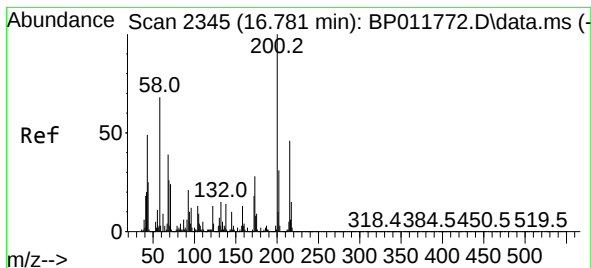
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#68
Hexachlorobenzene
Concen: 55.102 ng
RT: 16.610 min Scan# 2316
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

Tgt Ion:284 Resp: 1195630
Ion Ratio Lower Upper
284 100
142 43.6 39.0 58.4
249 34.3 25.9 38.9





#69

Atrazine

Concen: 59.465 ng

RT: 16.775 min Scan# 2344

Delta R.T. -0.000 min

Lab File: BP011826.D

Acq: 27 Sep 2022 21:14

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MSD

Tgt Ion:200 Resp: 1277699

Ion Ratio Lower Upper

200 100

173 28.4 8.5 48.5

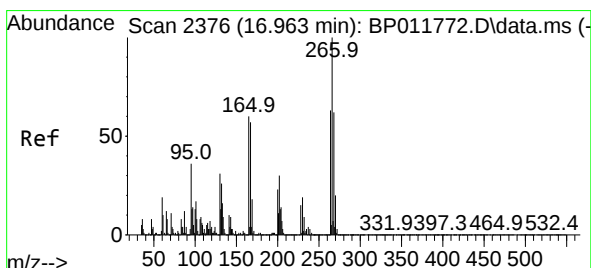
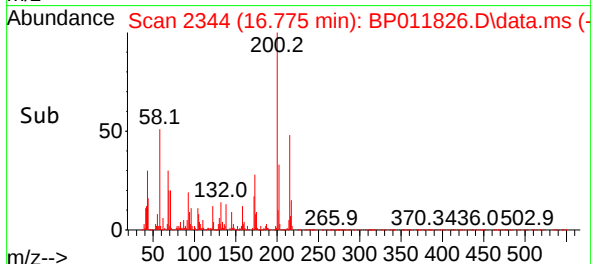
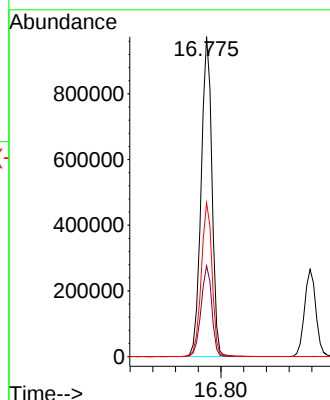
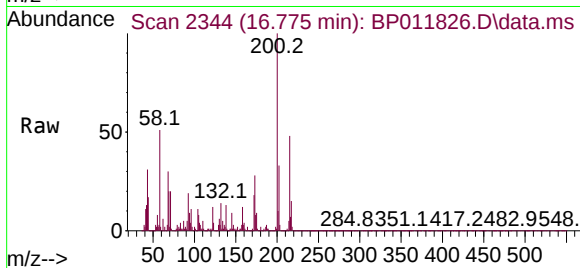
215 48.0 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#70

Pentachlorophenol

Concen: 109.626 ng

RT: 16.957 min Scan# 2375

Delta R.T. -0.000 min

Lab File: BP011826.D

Acq: 27 Sep 2022 21:14

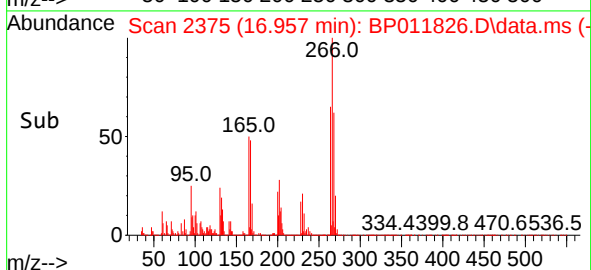
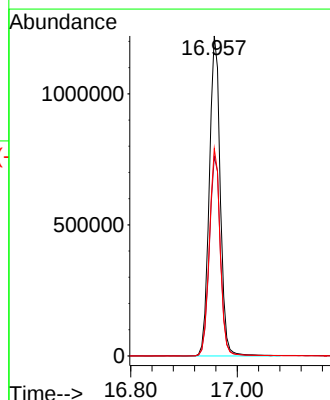
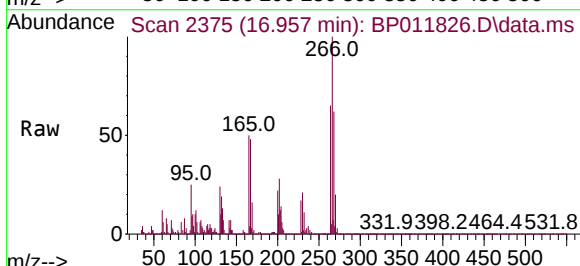
Tgt Ion:266 Resp: 1738145

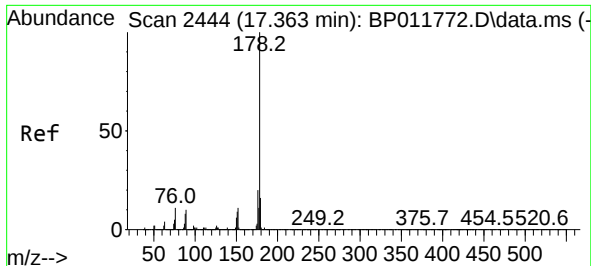
Ion Ratio Lower Upper

266 100

268 62.3 49.7 74.5

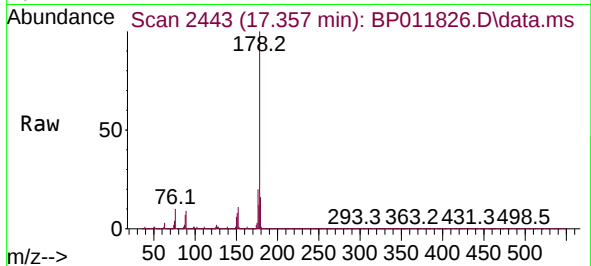
264 64.8 50.6 75.8





#71
Phenanthrene
Concen: 44.667 ng
RT: 17.357 min Scan# 2444
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

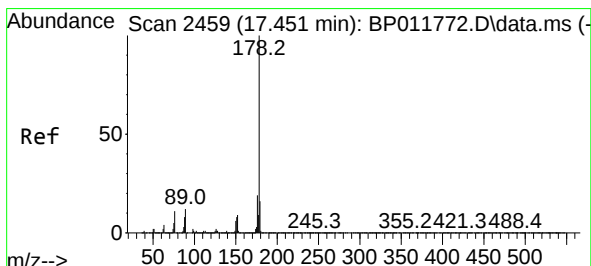
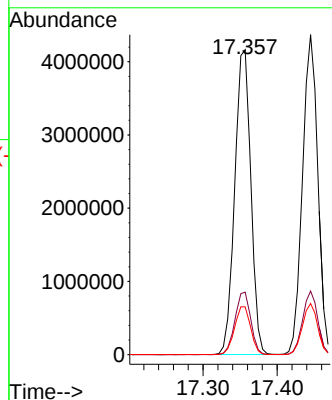
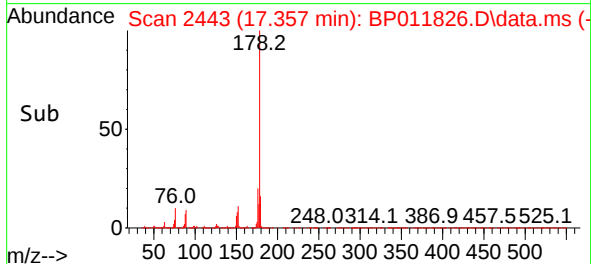
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



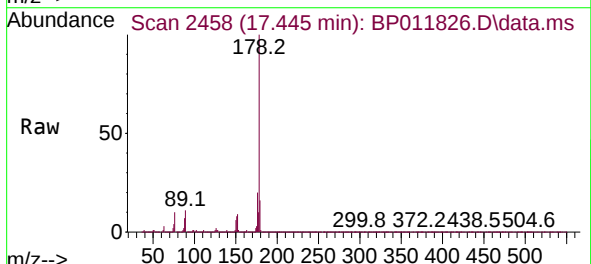
Tgt Ion:178 Resp: 6273506
Ion Ratio Lower Upper
178 100
176 20.5 16.2 24.2
179 15.7 12.6 18.8

Manual Integrations
APPROVED

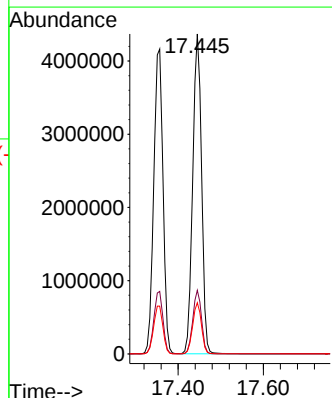
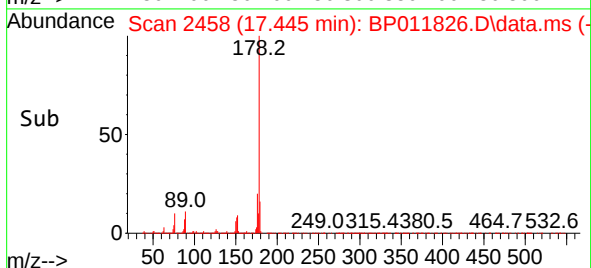
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

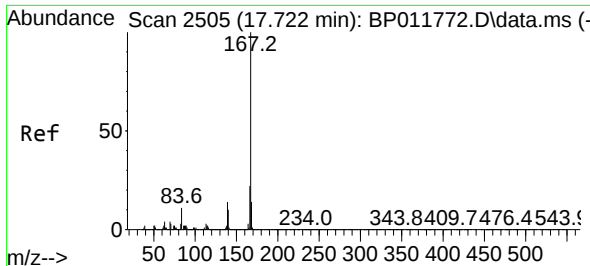


#72
Anthracene
Concen: 46.985 ng
RT: 17.445 min Scan# 2458
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14



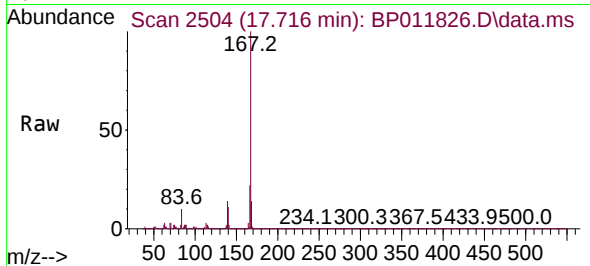
Tgt Ion:178 Resp: 6311673
Ion Ratio Lower Upper
178 100
176 19.9 15.5 23.3
179 16.0 12.7 19.1





#73
 Carbazole
 Concen: 46.945 ng
 RT: 17.716 min Scan# 2504
 Delta R.T. -0.000 min
 Lab File: BP011826.D
 Acq: 27 Sep 2022 21:14

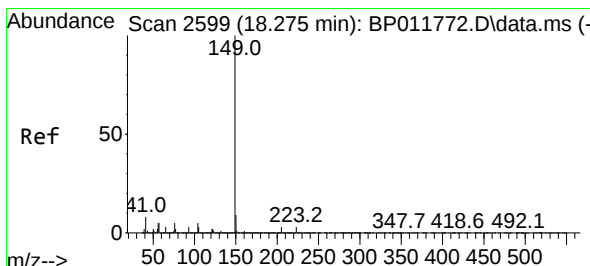
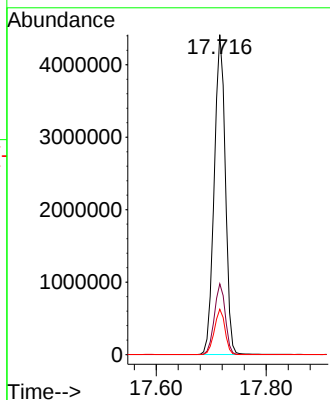
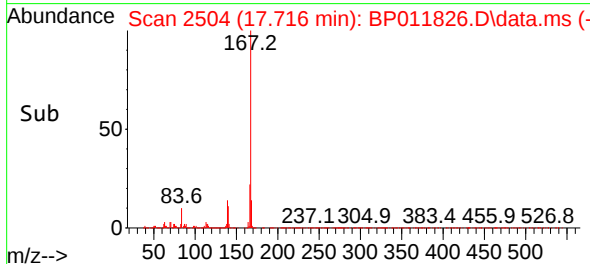
Instrument :
 BNA_P
 ClientSampleId :
 SAND-FILTER-1MSD



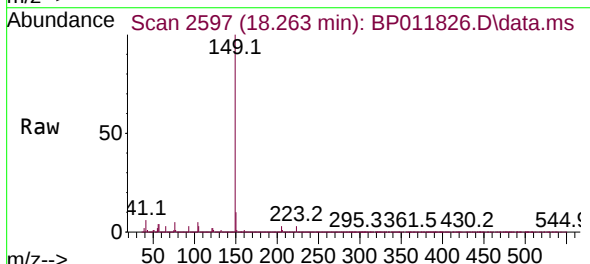
Tgt Ion:167 Resp: 6176200
 Ion Ratio Lower Upper
 167 100
 166 22.1 17.4 26.2
 139 14.2 11.0 16.6

Manual Integrations
 APPROVED

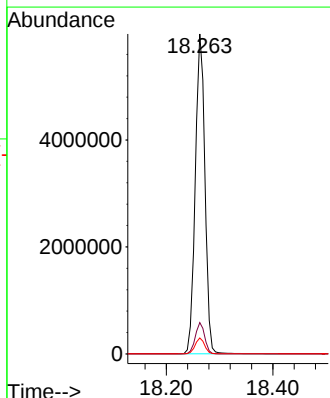
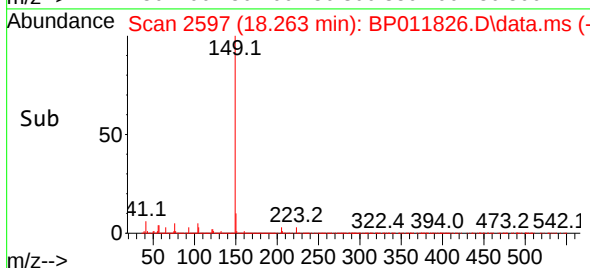
Reviewed By :Christian Giraldo 09/28/2022
 Supervised By :Jagrut Upadhyay 09/28/2022

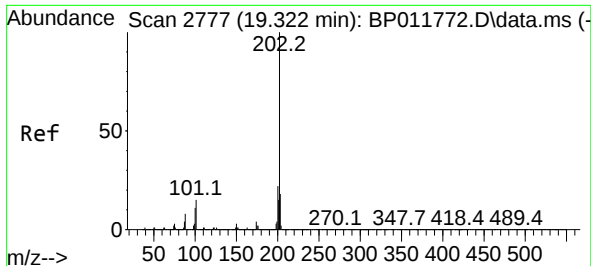


#74
 Di-n-butylphthalate
 Concen: 47.416 ng
 RT: 18.263 min Scan# 2597
 Delta R.T. -0.000 min
 Lab File: BP011826.D
 Acq: 27 Sep 2022 21:14



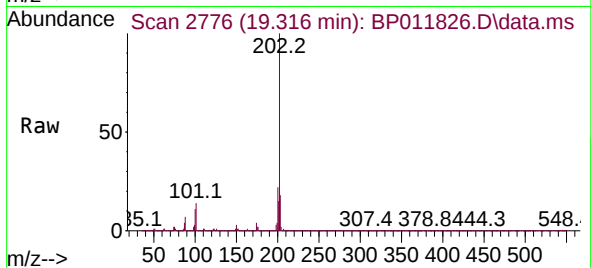
Tgt Ion:149 Resp: 7514115
 Ion Ratio Lower Upper
 149 100
 150 9.8 7.5 11.3
 104 5.0 4.2 6.4





#75
Fluoranthene
Concen: 47.071 ng
RT: 19.316 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

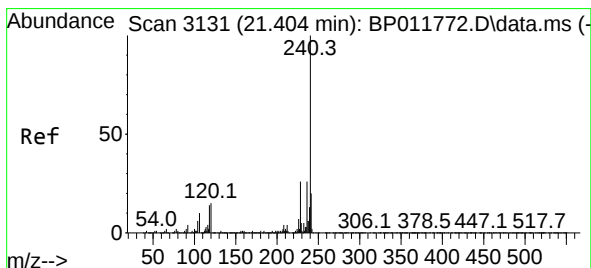
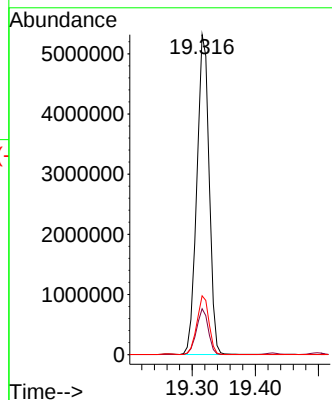
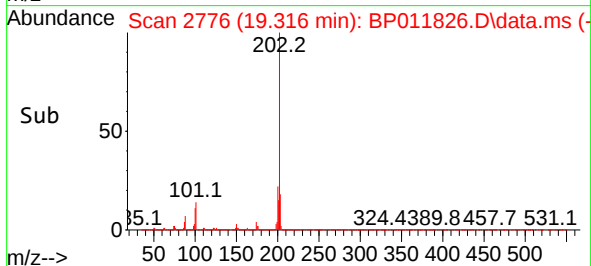
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion:202 Resp: 7187192
Ion Ratio Lower Upper
202 100
101 14.3 0.0 35.5
203 18.4 0.0 38.1

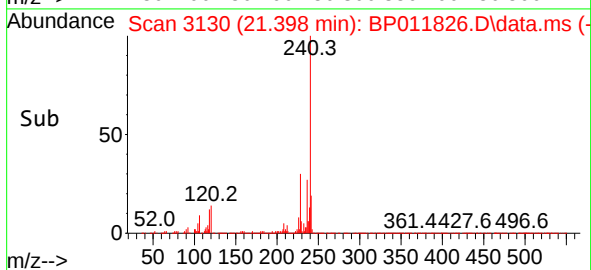
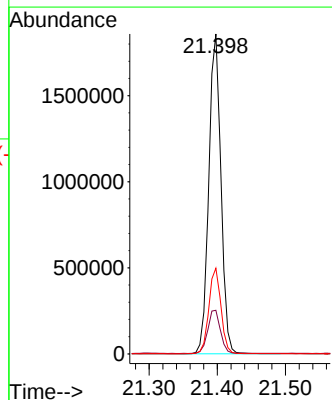
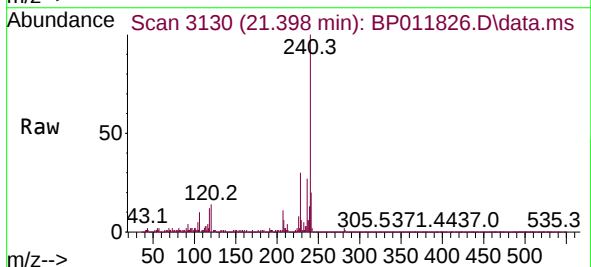
Manual Integrations
APPROVED

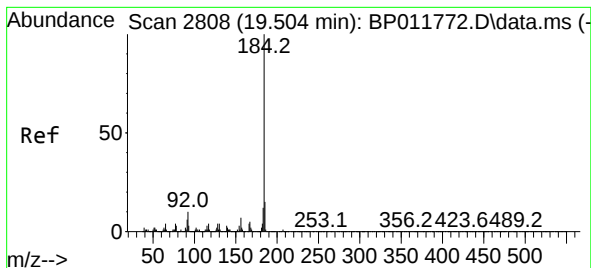
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

Tgt Ion:240 Resp: 2302661
Ion Ratio Lower Upper
240 100
120 13.6 12.0 18.0
236 26.8 21.1 31.7





#77

Benzidine

Concen: 115.492 ng

RT: 19.498 min Scan# 2807

Delta R.T. -0.000 min

Lab File: BP011826.D

Acq: 27 Sep 2022 21:14

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MSD

Tgt Ion:184 Resp: 516136

Ion Ratio Lower Upper

184 100

185 14.6 11.7 17.5

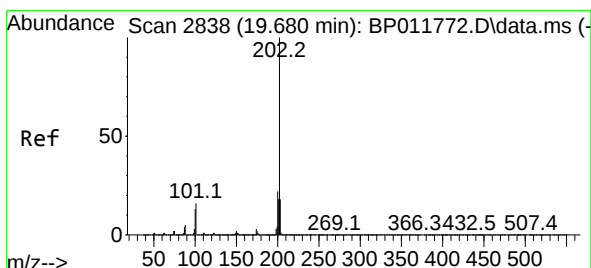
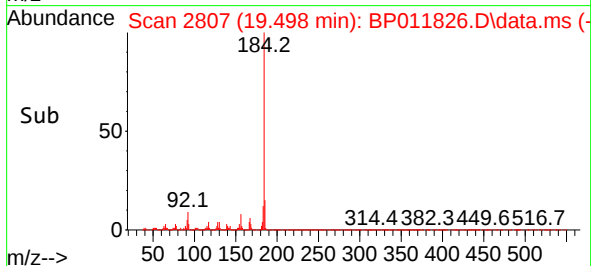
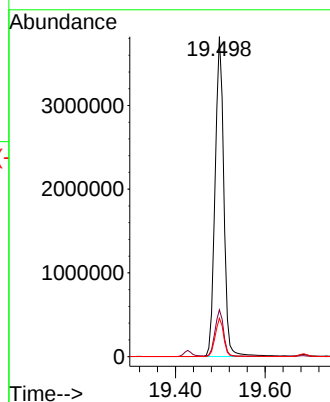
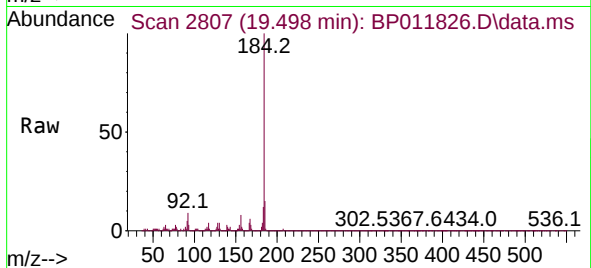
183 12.0 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#78

Pyrene

Concen: 47.526 ng

RT: 19.669 min Scan# 2836

Delta R.T. -0.000 min

Lab File: BP011826.D

Acq: 27 Sep 2022 21:14

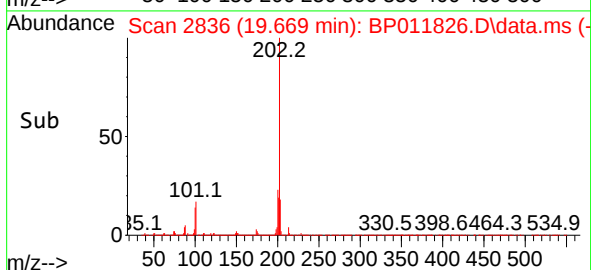
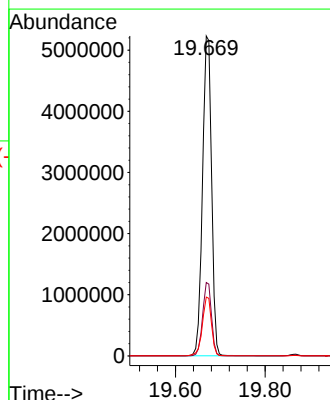
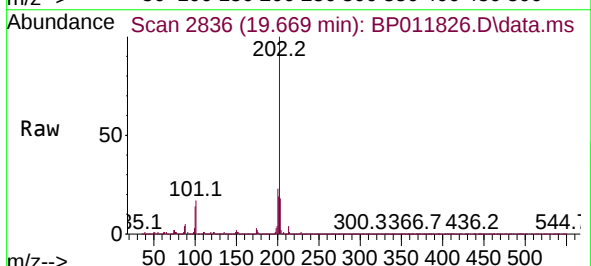
Tgt Ion:202 Resp: 7312647

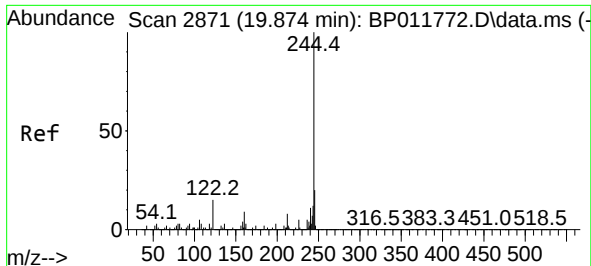
Ion Ratio Lower Upper

202 100

200 23.0 17.8 26.6

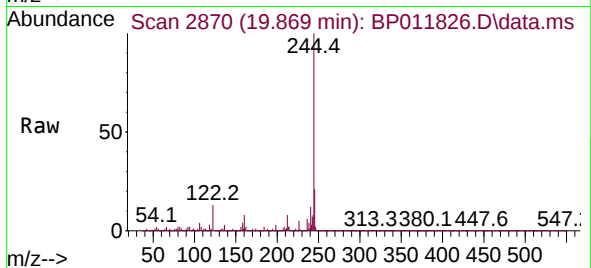
203 18.4 14.3 21.5





#79
 Terphenyl-d14
 Concen: 86.187 ng
 RT: 19.869 min Scan# 2871
 Delta R.T. -0.000 min
 Lab File: BP011826.D
 Acq: 27 Sep 2022 21:14

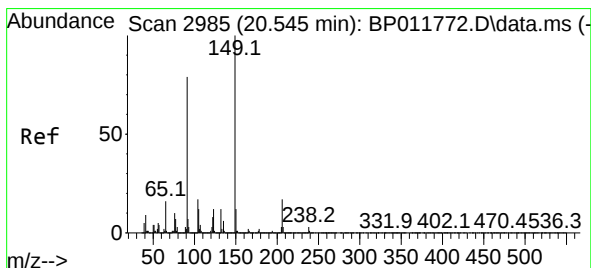
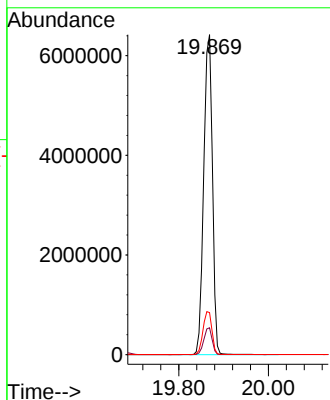
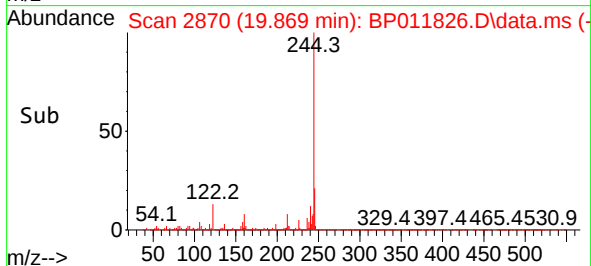
Instrument :
 BNA_P
 ClientSampleId :
 SAND-FILTER-1MSD



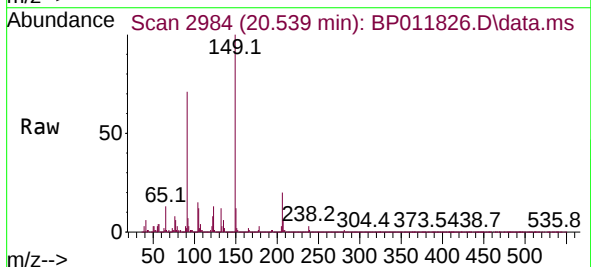
Tgt Ion:244 Resp: 8631136
 Ion Ratio Lower Upper
 244 100
 212 8.4 6.5 9.7
 122 13.1 11.8 17.8

Manual Integrations
 APPROVED

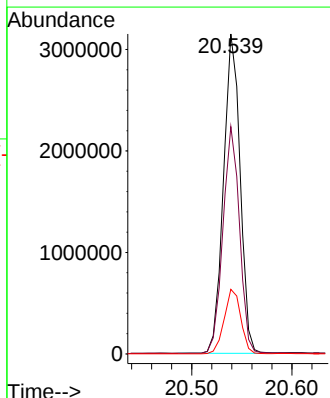
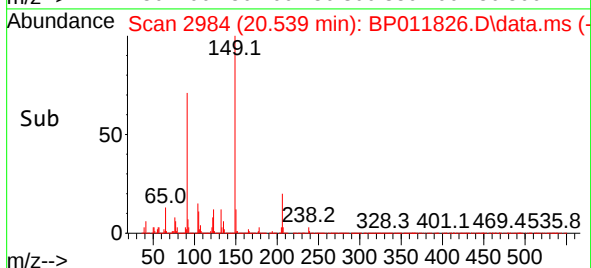
Reviewed By :Christian Giraldo 09/28/2022
 Supervised By :Jagrut Upadhyay 09/28/2022

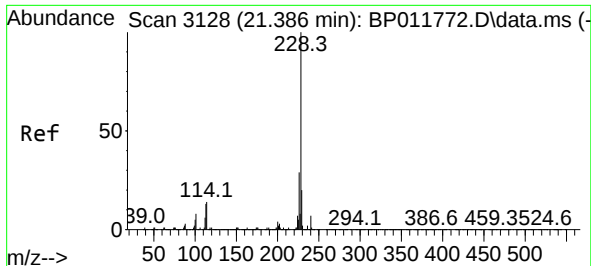


#80
 Butylbenzylphthalate
 Concen: 48.545 ng
 RT: 20.539 min Scan# 2984
 Delta R.T. -0.000 min
 Lab File: BP011826.D
 Acq: 27 Sep 2022 21:14



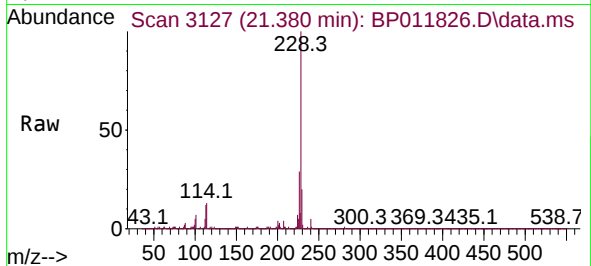
Tgt Ion:149 Resp: 3635588
 Ion Ratio Lower Upper
 149 100
 91 71.0 63.1 94.7
 206 20.2 13.6 20.4





#81
Benzo(a)anthracene
Concen: 47.234 ng
RT: 21.380 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

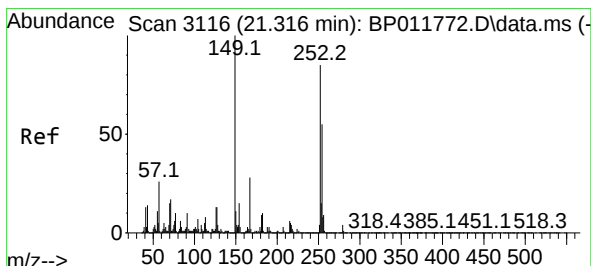
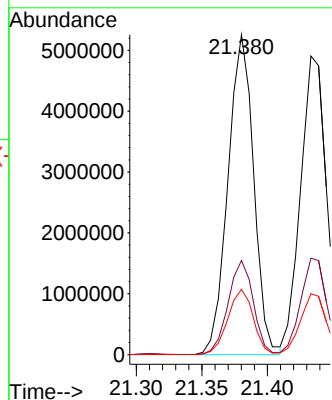
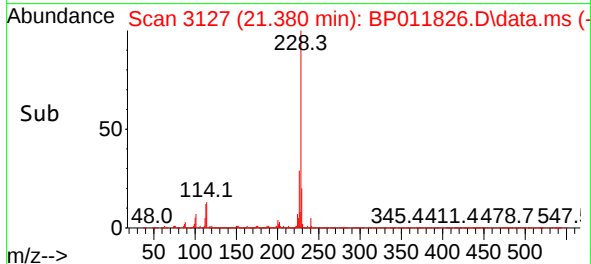
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion:228 Resp: 7176201
Ion Ratio Lower Upper
228 100
226 29.4 23.1 34.7
229 20.4 16.3 24.5

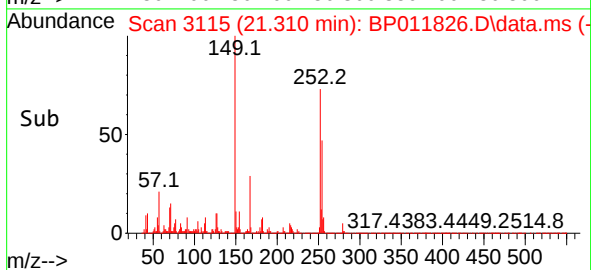
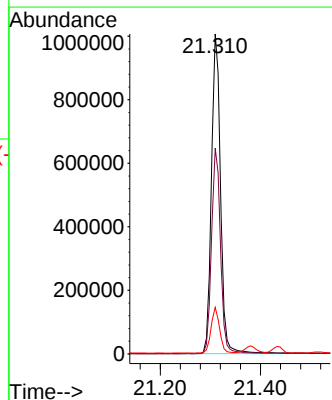
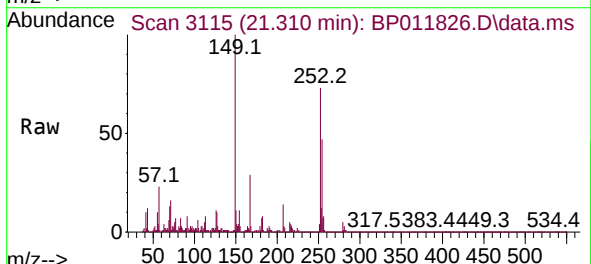
Manual Integrations
APPROVED

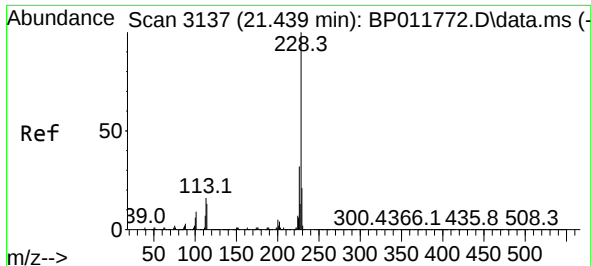
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#82
3,3'-Dichlorobenzidine
Concen: 28.539 ng
RT: 21.310 min Scan# 3115
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

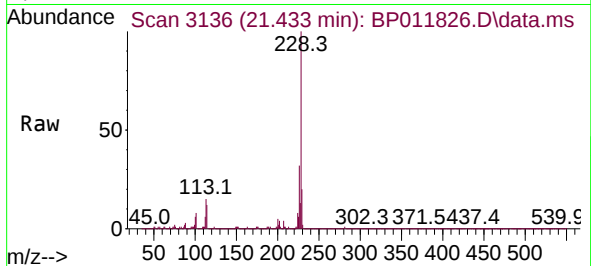
Tgt Ion:252 Resp: 1264527
Ion Ratio Lower Upper
252 100
254 64.3 51.4 77.2
126 14.5 12.6 18.8





#83
Chrysene
Concen: 46.323 ng
RT: 21.433 min Scan# 3137
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

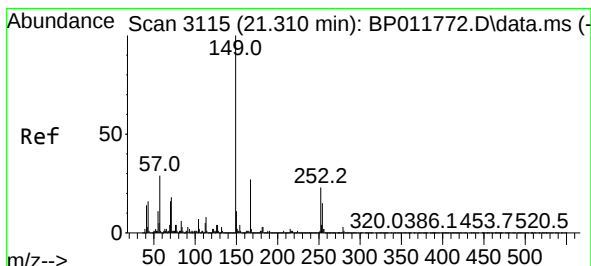
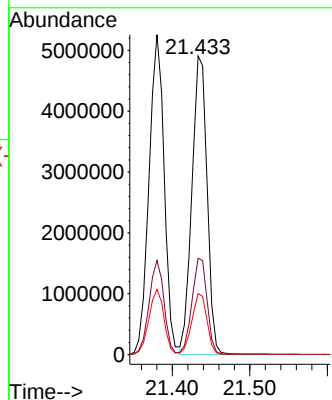
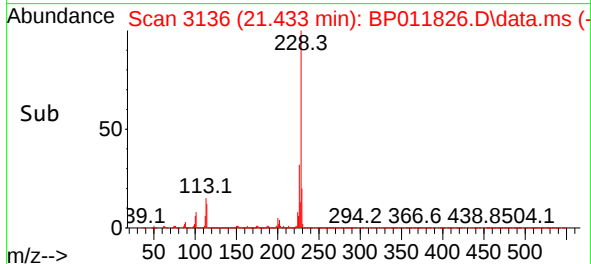
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion:228 Resp: 6668472
Ion Ratio Lower Upper
228 100
226 32.3 25.5 38.3
229 20.4 16.4 24.6

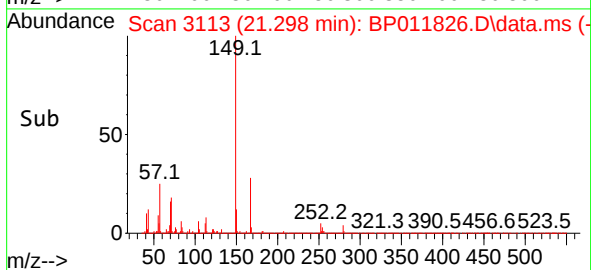
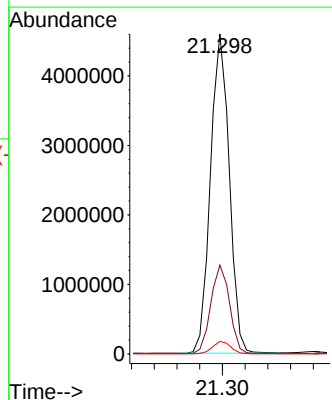
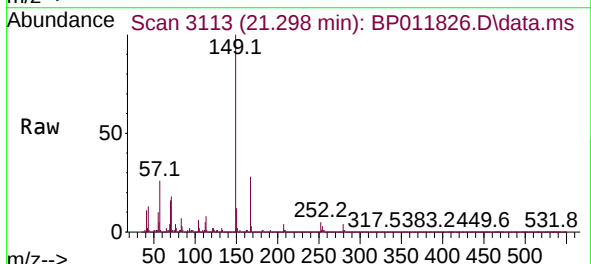
Manual Integrations
APPROVED

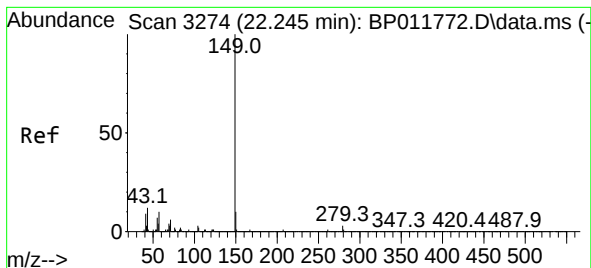
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#84
Bis(2-ethylhexyl)phthalate
Concen: 48.165 ng
RT: 21.298 min Scan# 3113
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

Tgt Ion:149 Resp: 5300324
Ion Ratio Lower Upper
149 100
167 27.7 21.8 32.6
279 3.9 2.5 3.7#





#85

Di-n-octyl phthalate

Concen: 52.213 ng

RT: 22.239 min Scan# 31

Delta R.T. -0.000 min

Lab File: BP011826.D

Acq: 27 Sep 2022 21:14

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MSD

Tgt Ion:149 Resp: 9166568

Ion Ratio Lower Upper

149 100

167 1.6 1.2 1.8

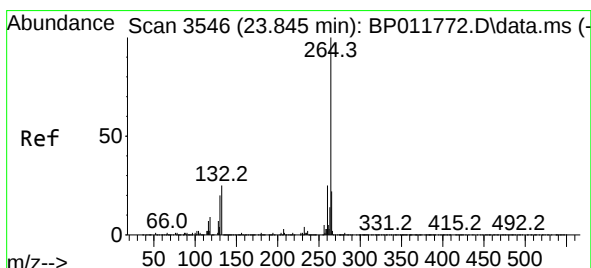
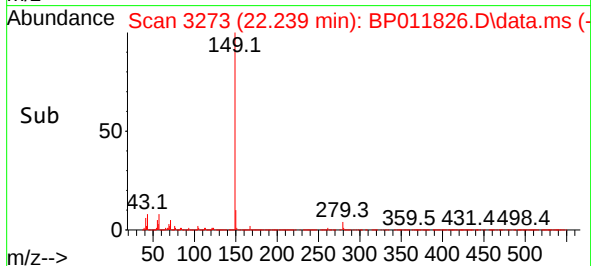
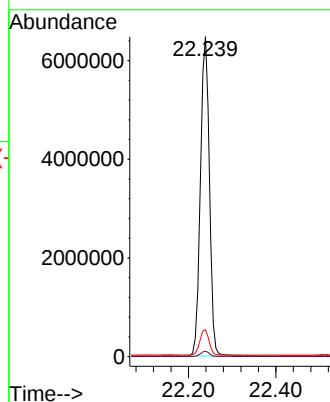
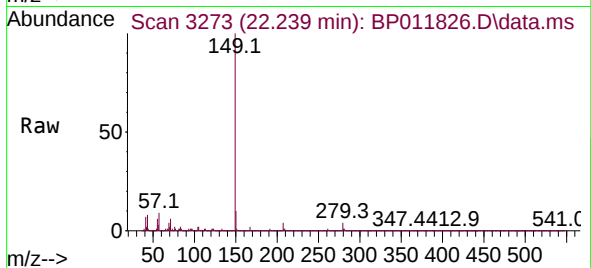
43 8.0 9.4 14.0

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#86

Perylene-d12

Concen: 20.000 ng

RT: 23.839 min Scan# 3545

Delta R.T. -0.000 min

Lab File: BP011826.D

Acq: 27 Sep 2022 21:14

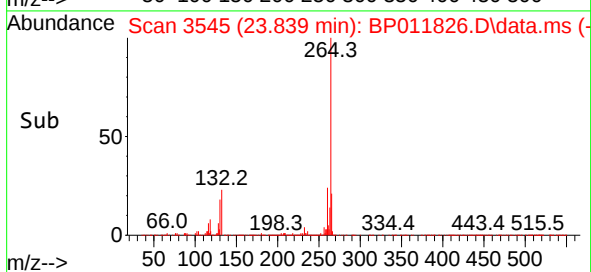
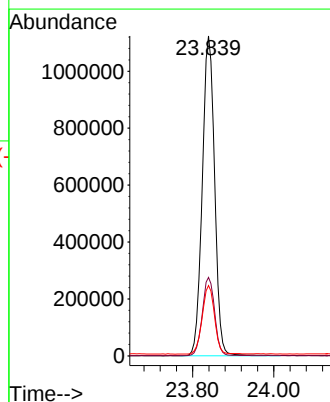
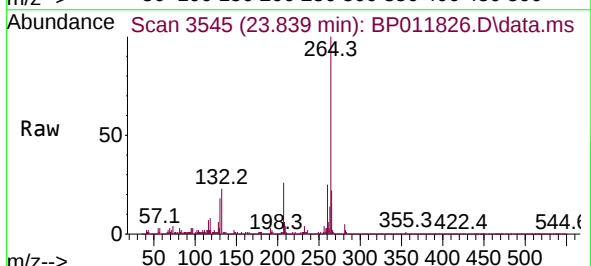
Tgt Ion:264 Resp: 2364686

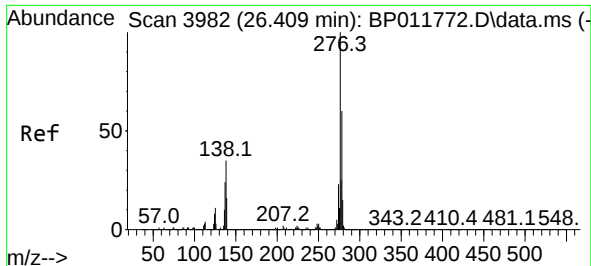
Ion Ratio Lower Upper

264 100

260 24.5 19.7 29.5

265 22.0 17.8 26.8





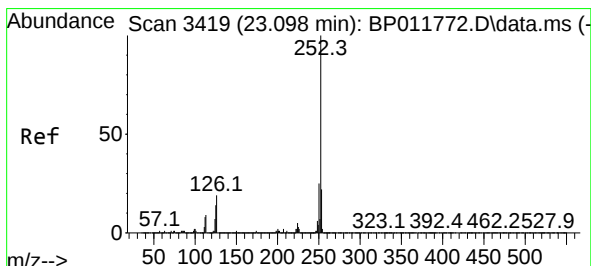
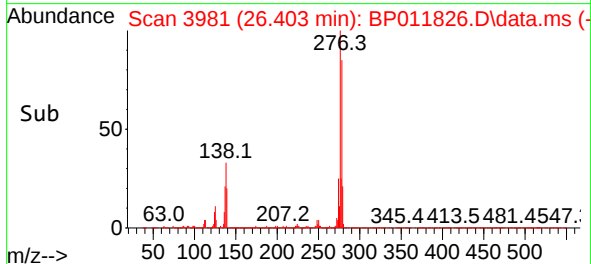
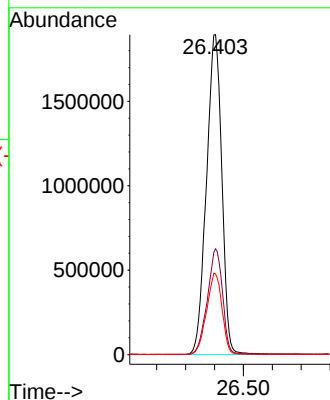
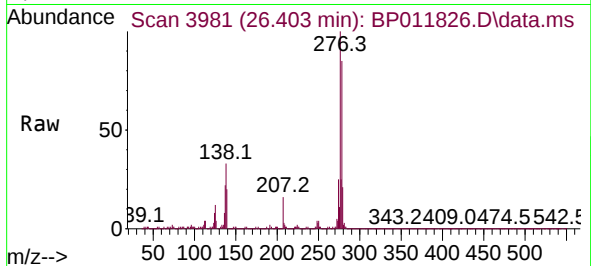
#87
Indeno(1,2,3-cd)pyrene
Concen: 37.868 ng
RT: 26.403 min Scan# 3982
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD

Tgt Ion: 276 Resp: 7006678
Ion Ratio Lower Upper
276 100
138 32.5 29.7 44.5
277 25.3 20.2 30.2

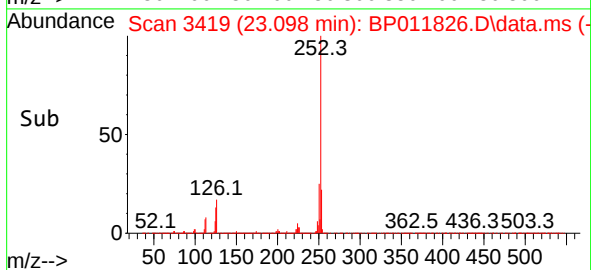
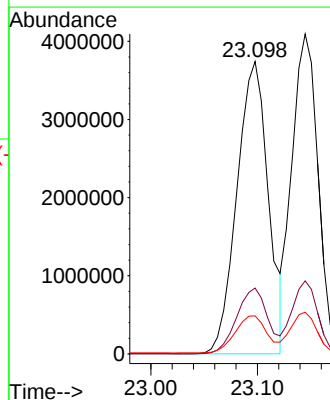
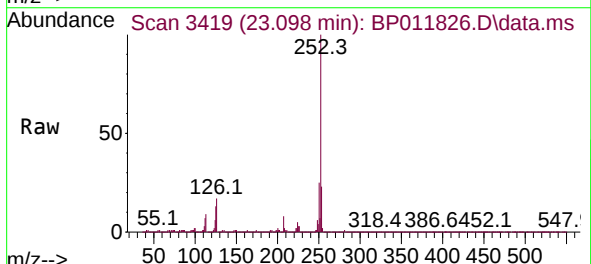
Manual Integrations
APPROVED

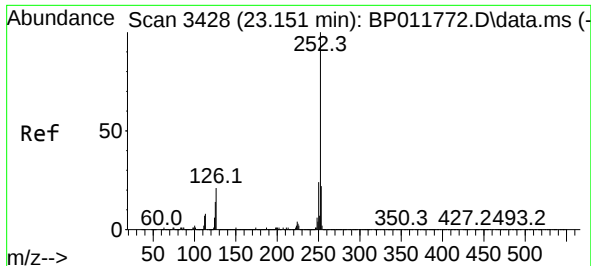
Reviewed By : Christian Giraldo 09/28/2022
Supervised By : Jagrut Upadhyay 09/28/2022



#88
Benzo(b)fluoranthene
Concen: 52.160 ng
RT: 23.098 min Scan# 3419
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

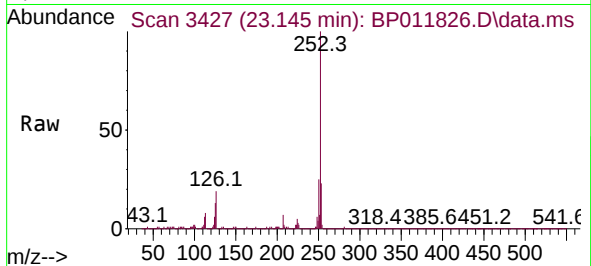
Tgt Ion: 252 Resp: 7657949
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 13.0 11.6 17.4





#89
Benzo(k)fluoranthene
Concen: 46.399 ng
RT: 23.145 min Scan# 3428
Delta R.T. 0.006 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

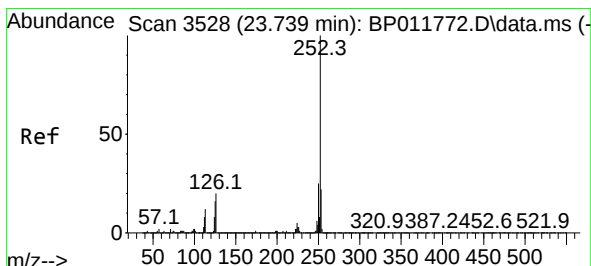
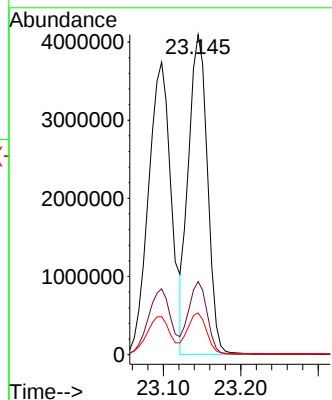
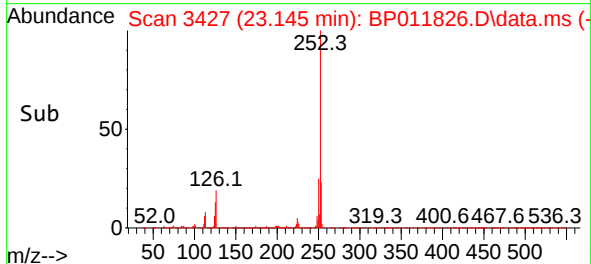
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MSD



Tgt Ion:252 Resp: 698007
Ion Ratio Lower Upper
252 100
253 22.8 17.7 26.5
125 13.1 11.2 16.8

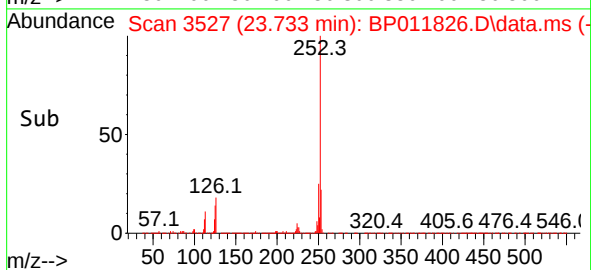
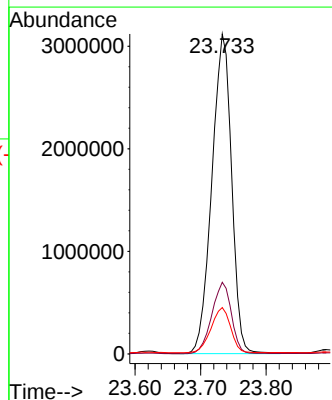
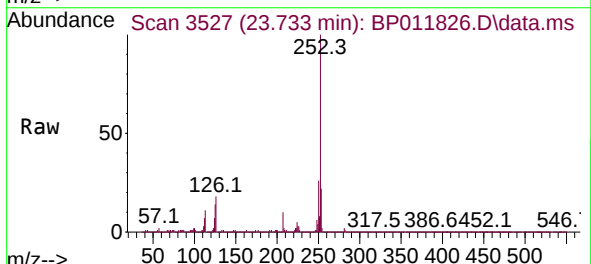
Manual Integrations
APPROVED

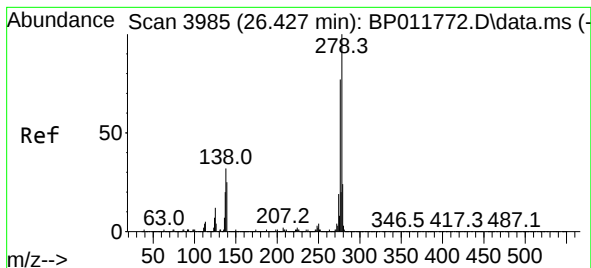
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#90
Benzo(a)pyrene
Concen: 52.504 ng
RT: 23.733 min Scan# 3527
Delta R.T. -0.000 min
Lab File: BP011826.D
Acq: 27 Sep 2022 21:14

Tgt Ion:252 Resp: 6521829
Ion Ratio Lower Upper
252 100
253 22.4 17.7 26.5
125 14.5 12.6 19.0





#91

Dibenzo(a,h)anthracene

Concen: 39.121 ng

RT: 26.415 min Scan# 3985

Delta R.T. -0.006 min

Lab File: BP011826.D

Acq: 27 Sep 2022 21:14

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MSD

Tgt Ion:278 Resp: 6009893

Ion Ratio Lower Upper

278 100

139 21.1 19.6 29.4

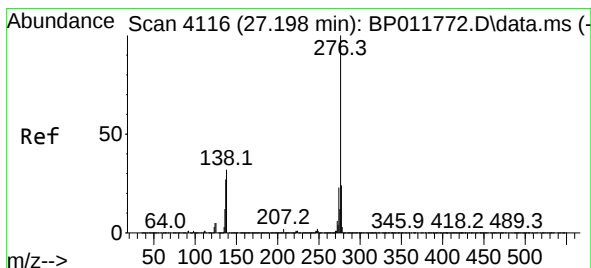
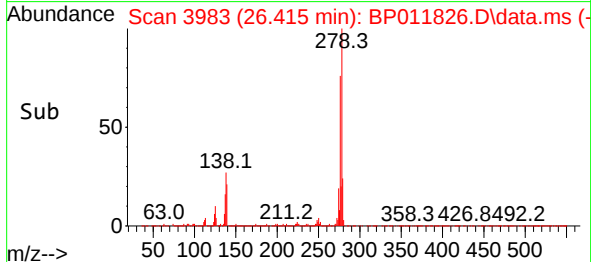
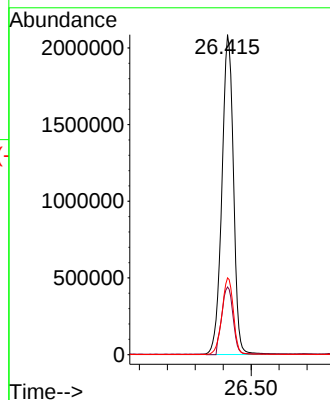
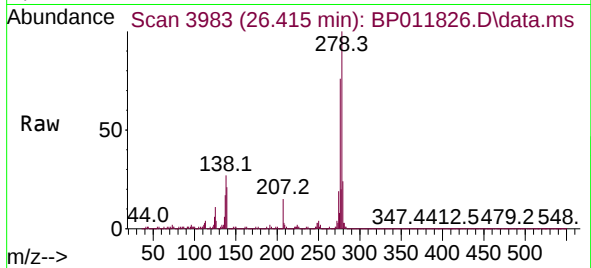
279 24.0 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#92

Benzo(g,h,i)perylene

Concen: 38.601 ng

RT: 27.186 min Scan# 4114

Delta R.T. 0.006 min

Lab File: BP011826.D

Acq: 27 Sep 2022 21:14

Tgt Ion:276 Resp: 5740368

Ion Ratio Lower Upper

276 100

277 23.8 19.3 28.9

138 28.1 25.6 38.4

