

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011825.D
 Acq On : 27 Sep 2022 20:39
 Operator : CG/JU
 Sample : N4815-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAND-FILTER-1MS

Quant Time: Sep 28 02:10:20 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)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.911	152	387240	20.000	ng	0.00
21) Naphthalene-d8	10.722	136	1751217	20.000	ng	# 0.00
39) Acenaphthene-d10	14.557	164	1084701	20.000	ng	0.00
64) Phenanthrene-d10	17.310	188	2244450	20.000	ng	0.00
76) Chrysene-d12	21.398	240	2135207	20.000	ng	0.00
86) Perylene-d12	23.839	264	2306451	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	3288319	148.995	ng	0.00
7) Phenol-d6	7.075	99	4474104	137.105	ng	0.00
23) Nitrobenzene-d5	9.081	82	2434545	72.764	ng	0.00
42) 2,4,6-Tribromophenol	16.051	330	1310750	179.461	ng	0.00
45) 2-Fluorobiphenyl	13.181	172	5520030	80.477	ng	0.00
79) Terphenyl-d14	19.863	244	8185836	88.151	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.346	88	360921	38.895	ng	93
3) Pyridine	3.752	79	1110534	38.779	ng	91
4) n-Nitrosodimethylamine	3.664	42	490081	38.698	ng	# 82
6) Aniline	7.234	93	1579850	38.918	ng	97
8) 2-Chlorophenol	7.469	128	1469108	54.713	ng	94
9) Benzaldehyde	7.046	77	789688m	38.680	ng	
10) Phenol	7.105	94	1968032	53.539	ng	97
11) bis(2-Chloroethyl)ether	7.334	93	1345938	46.257	ng	94
12) 1,3-Dichlorobenzene	7.799	146	1387376	49.171	ng	97
13) 1,4-Dichlorobenzene	7.946	146	1419801	49.106	ng	99
14) 1,2-Dichlorobenzene	8.263	146	1389287	49.116	ng	99
15) Benzyl Alcohol	8.152	79	1197930m	49.685	ng	
16) 2,2'-oxybis(1-Chloropr...	8.446	45	1767336	36.772	ng	93
17) 2-Methylphenol	8.358	107	1252575	51.989	ng	97
18) Hexachloroethane	8.993	117	496335	44.838	ng	96
19) n-Nitroso-di-n-propyla...	8.728	70	1014360	42.281	ng	89
20) 3+4-Methylphenols	8.687	107	1718678	50.806	ng	98
22) Acetophenone	8.740	105	2073438	47.135	ng	94
24) Nitrobenzene	9.122	77	1497378	43.315	ng	95
25) Isophorone	9.652	82	2912117	46.395	ng	98
26) 2-Nitrophenol	9.834	139	719864	51.315	ng	92
27) 2,4-Dimethylphenol	9.893	122	1374067	61.983	ng	97
28) bis(2-Chloroethoxy)met...	10.134	93	1841006	50.329	ng	99
29) 2,4-Dichlorophenol	10.363	162	1362114	57.426	ng	99
30) 1,2,4-Trichlorobenzene	10.581	180	1252924	50.729	ng	98
31) Naphthalene	10.769	128	4314402	46.470	ng	99
32) Benzoic acid	10.022	122	551659	31.729	ng	96
33) 4-Chloroaniline	10.881	127	1057954	27.332	ng	98
34) Hexachlorobutadiene	11.057	225	664679	53.358	ng	97
35) Caprolactam	11.699	113	525211m	54.483	ng	
36) 4-Chloro-3-methylphenol	12.010	107	1550675	53.866	ng	96
37) 2-Methylnaphthalene	12.381	142	3054456	47.640	ng	99
38) 1-Methylnaphthalene	12.599	142	2933587	46.463	ng	100
40) 1,2,4,5-Tetrachloroben...	12.746	216	1384487	56.635	ng	99
41) Hexachlorocyclopentadiene	12.728	237	1428279	119.134	ng	97
43) 2,4,6-Trichlorophenol	12.987	196	1055001	59.620	ng	98

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092722\
 Data File : BP011825.D
 Acq On : 27 Sep 2022 20:39
 Operator : CG/JU
 Sample : N4815-01MS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SAND-FILTER-1MS

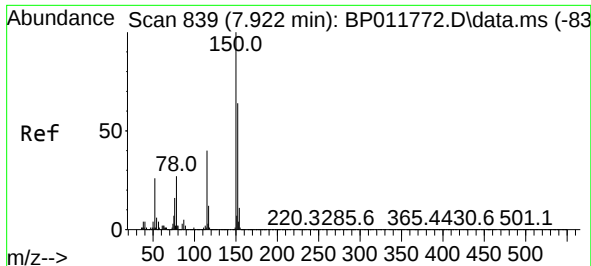
Manual Integrations
 APPROVED

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

Quant Time: Sep 28 02:10:20 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

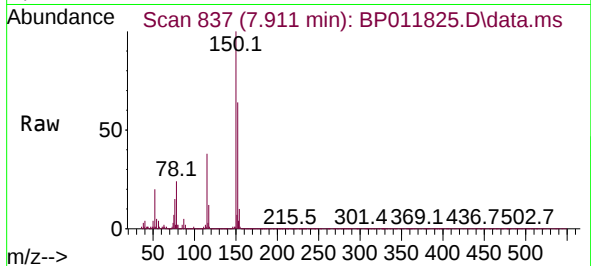
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.057	196	1167351	57.395	ng	97
46) 1,1'-Biphenyl	13.387	154	3937723	49.965	ng	99
47) 2-Chloronaphthalene	13.428	162	2987146	48.866	ng	99
48) 2-Nitroaniline	13.640	65	957086	43.913	ng	# 85
49) Acenaphthylene	14.281	152	4903041	48.322	ng	100
50) Dimethylphthalate	14.016	163	3765451	47.345	ng	100
51) 2,6-Dinitrotoluene	14.134	165	835976	50.911	ng	89
52) Acenaphthene	14.622	154	2927535	47.044	ng	99
53) 3-Nitroaniline	14.463	138	728207	36.209	ng	96
54) 2,4-Dinitrophenol	14.669	184	717795	82.535	ng	# 87
55) Dibenzofuran	14.957	168	4504063	47.222	ng	98
56) 4-Nitrophenol	14.775	139	1828790	109.500	ng	90
57) 2,4-Dinitrotoluene	14.922	165	1159156	47.551	ng	86
58) Fluorene	15.604	166	3671727	45.375	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.181	232	974480m	58.682	ng	
60) Diethylphthalate	15.381	149	3858332	46.462	ng	99
61) 4-Chlorophenyl-phenyle...	15.598	204	1712579	50.620	ng	97
62) 4-Nitroaniline	15.634	138	1023378	43.744	ng	95
63) Azobenzene	15.892	77	3687295	40.551	ng	94
65) 4,6-Dinitro-2-methylph...	15.681	198	565784	49.535	ng	85
66) n-Nitrosodiphenylamine	15.816	169	3262000	48.776	ng	98
67) 4-Bromophenyl-phenylether	16.498	248	1018863	55.354	ng	92
68) Hexachlorobenzene	16.610	284	1094769	55.978	ng	93
69) Atrazine	16.775	200	1180250	60.944	ng	99
70) Pentachlorophenol	16.957	266	1668708	116.484	ng	99
71) Phenanthrene	17.357	178	5834636	46.091	ng	100
72) Anthracene	17.445	178	5909253	48.806	ng	100
73) Carbazole	17.716	167	5797958	48.895	ng	99
74) Di-n-butylphthalate	18.263	149	6921224	48.456	ng	99
75) Fluoranthene	19.316	202	6740749	48.981	ng	99
77) Benzidine	19.498	184	4967946	119.882	ng	100
78) Pyrene	19.669	202	6922309	48.518	ng	99
80) Butylbenzylphthalate	20.539	149	3396039	48.882	ng	91
81) Benzo(a)anthracene	21.380	228	6807475	48.321	ng	99
82) 3,3'-Dichlorobenzidine	21.310	252	1037507	25.252	ng	99
83) Chrysene	21.433	228	6432255	48.186	ng	99
84) Bis(2-ethylhexyl)phtha...	21.298	149	4996690	48.935	ng	# 98
85) Di-n-octyl phthalate	22.239	149	8762832	53.828	ng	# 92
87) Indeno(1,2,3-cd)pyrene	26.404	276	7329429	40.612	ng	96
88) Benzo(b)fluoranthene	23.092	252	7298469	50.966	ng	99
89) Benzo(k)fluoranthene	23.145	252	7109882	48.455	ng	99
90) Benzo(a)pyrene	23.733	252	6478576	53.473	ng	98
91) Dibenzo(a,h)anthracene	26.421	278	6261200	41.786	ng	96
92) Benzo(g,h,i)perylene	27.186	276	6054324	41.740	ng	96

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



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 7.911 min Scan# 84
 Delta R.T. 0.001 min
 Lab File: BP011825.D
 Acq: 27 Sep 2022 20:39

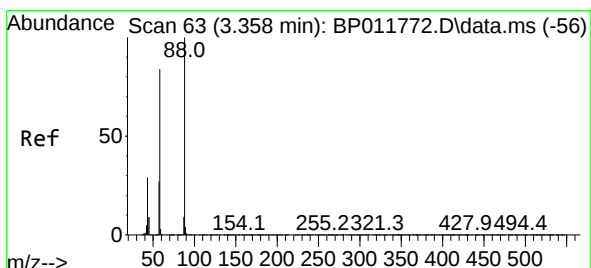
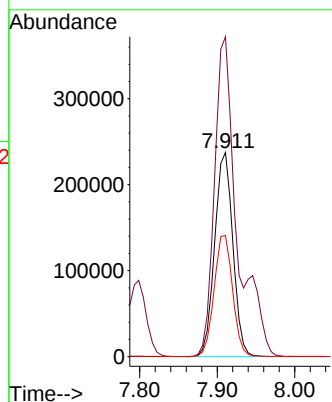
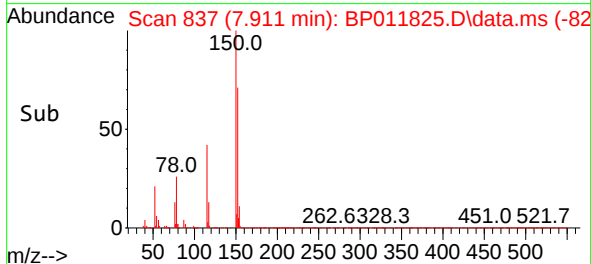
Instrument :
 BNA_P
 ClientSampleId :
 SAND-FILTER-1MS



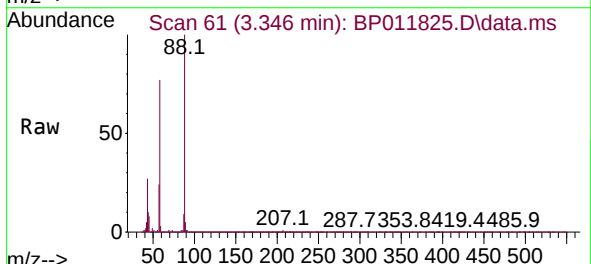
Tgt Ion:152 Resp: 387240
 Ion Ratio Lower Upper
 152 100
 150 156.6 124.2 186.4
 115 59.3 50.0 75.0

Manual Integrations
 APPROVED

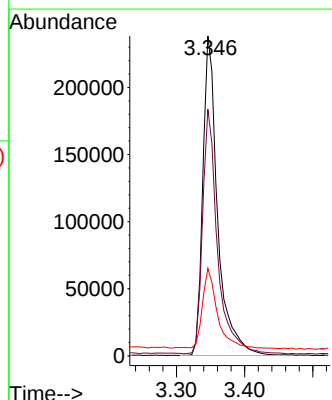
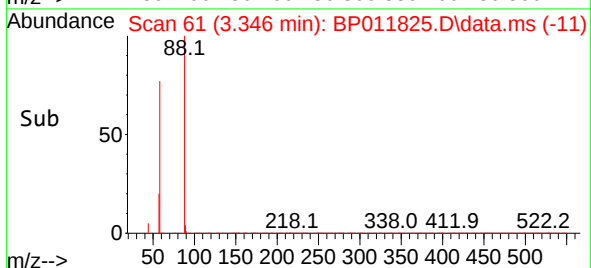
Reviewed By :Christian Giraldo 09/28/2022
 Supervised By :Jagrut Upadhyay 09/28/2022

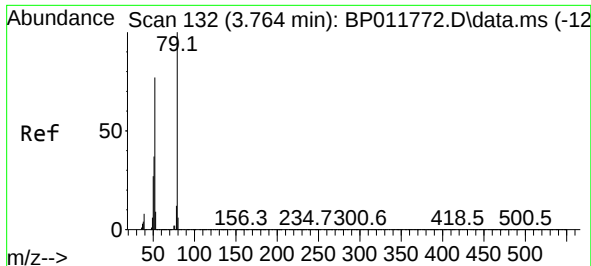


#2
 1,4-Dioxane
 Concen: 38.895 ng
 RT: 3.346 min Scan# 61
 Delta R.T. -0.006 min
 Lab File: BP011825.D
 Acq: 27 Sep 2022 20:39



Tgt Ion: 88 Resp: 360921
 Ion Ratio Lower Upper
 88 100
 58 77.1 66.6 99.8
 43 25.4 23.2 34.8





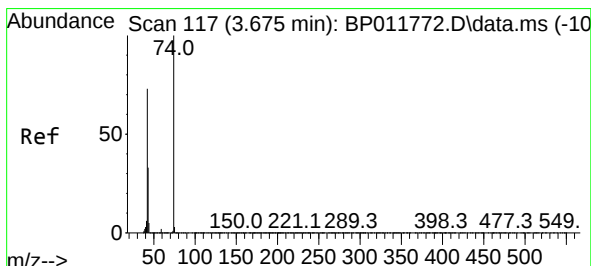
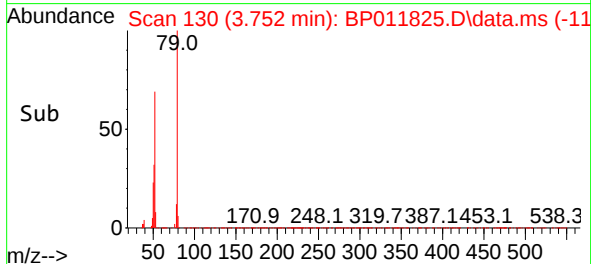
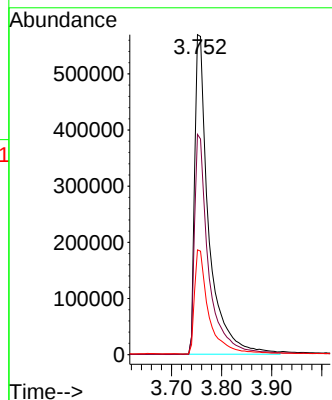
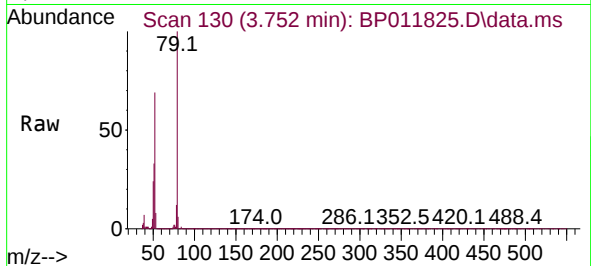
#3
Pyridine
Concen: 38.779 ng
RT: 3.752 min Scan# 111
Delta R.T. -0.012 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS

Tgt Ion: 79 Resp: 1110534
Ion Ratio Lower Upper
79 100
52 68.8 61.9 92.9
51 32.7 29.9 44.9

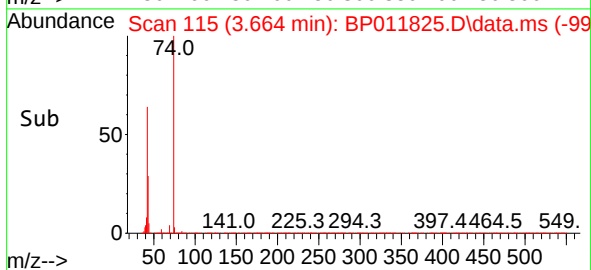
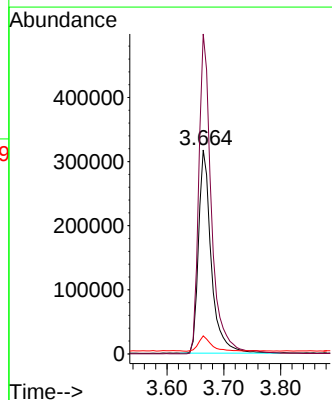
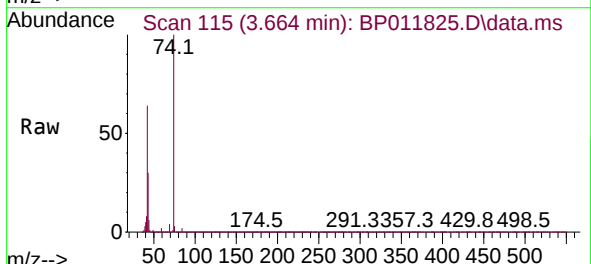
Manual Integrations
APPROVED

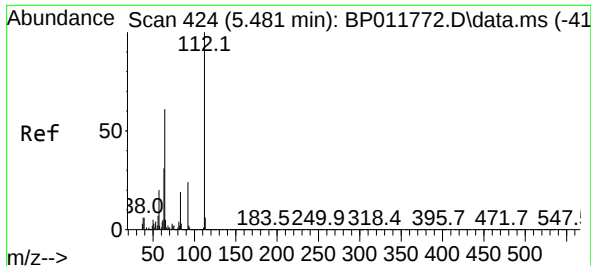
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#4
n-Nitrosodimethylamine
Concen: 38.698 ng
RT: 3.664 min Scan# 115
Delta R.T. -0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

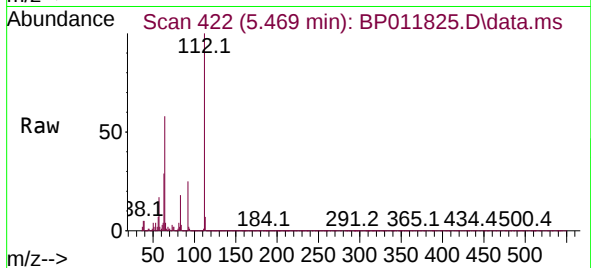
Tgt Ion: 42 Resp: 490081
Ion Ratio Lower Upper
42 100
74 156.9 109.0 163.6
44 8.8 15.4 23.2#





#5
2-Fluorophenol
Concen: 148.995 ng
RT: 5.469 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

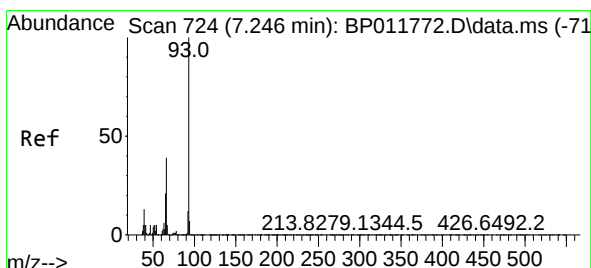
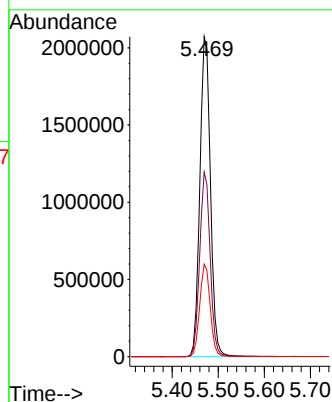
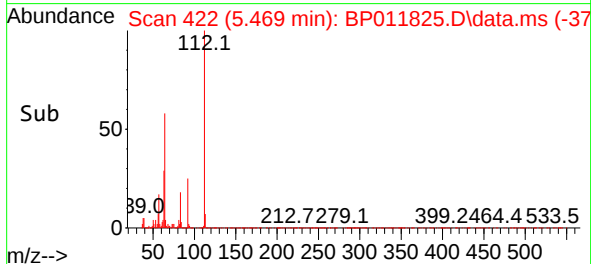
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion: 112 Resp: 3288319
Ion Ratio Lower Upper
112 100
64 57.7 49.2 73.8
63 28.9 25.2 37.8

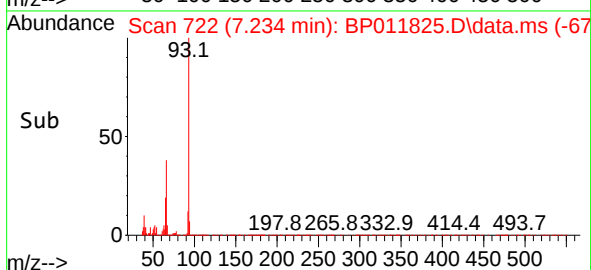
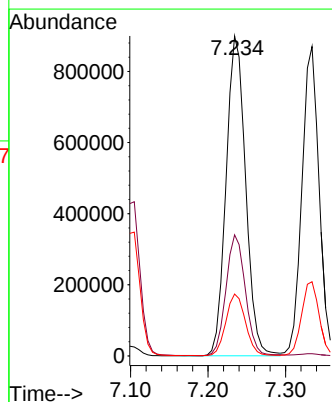
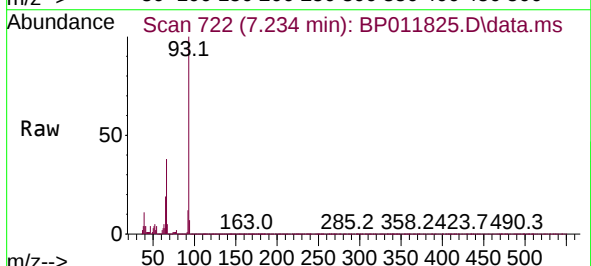
Manual Integrations
APPROVED

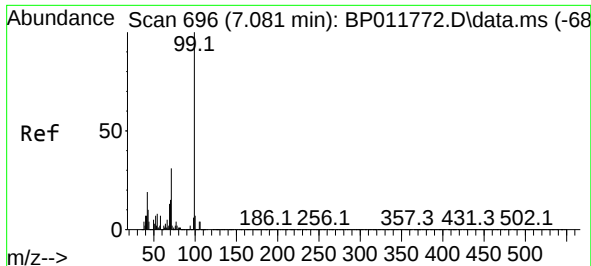
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#6
Aniline
Concen: 38.918 ng
RT: 7.234 min Scan# 722
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

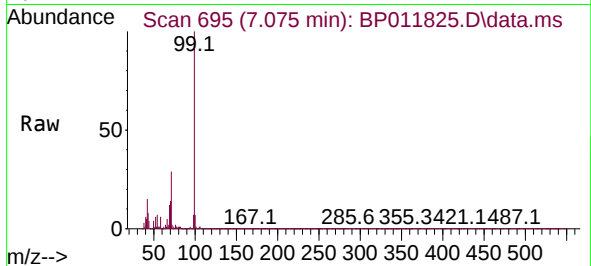
Tgt Ion: 93 Resp: 1579850
Ion Ratio Lower Upper
93 100
66 37.8 31.3 46.9
65 19.3 16.9 25.3





#7
Phenol-d6
Concen: 137.105 ng
RT: 7.075 min Scan# 696
Delta R.T. 0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

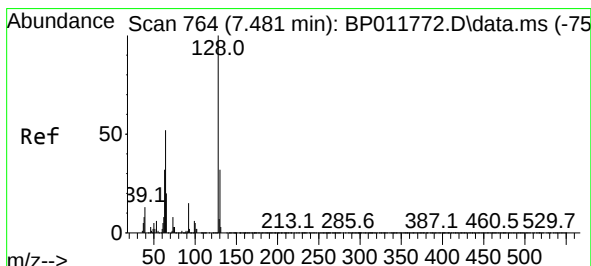
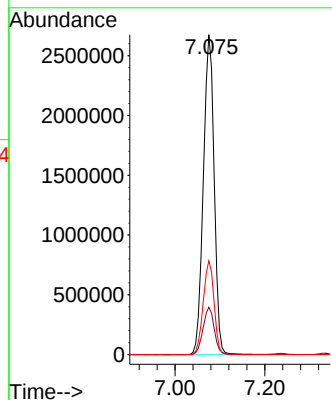
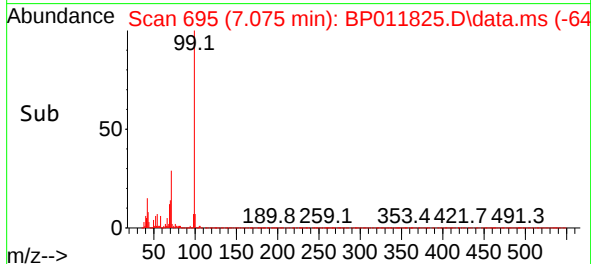
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



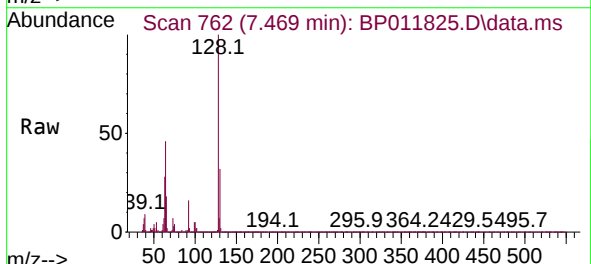
Tgt Ion: 99 Resp: 4474104
Ion Ratio Lower Upper
99 100
42 14.8 15.4 23.2
71 29.3 24.7 37.1

Manual Integrations
APPROVED

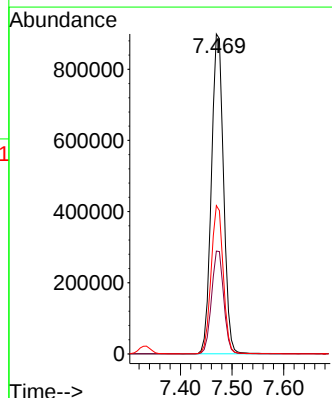
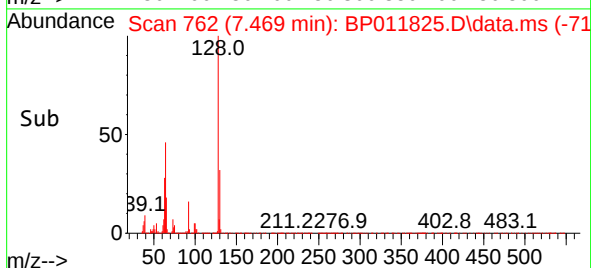
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

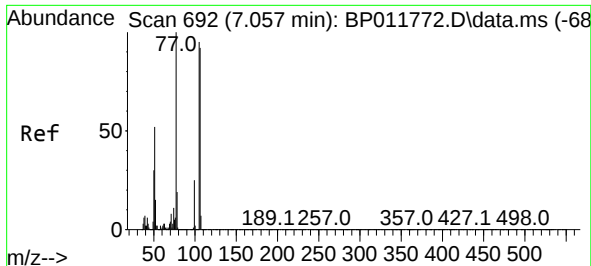


#8
2-Chlorophenol
Concen: 54.713 ng
RT: 7.469 min Scan# 762
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39



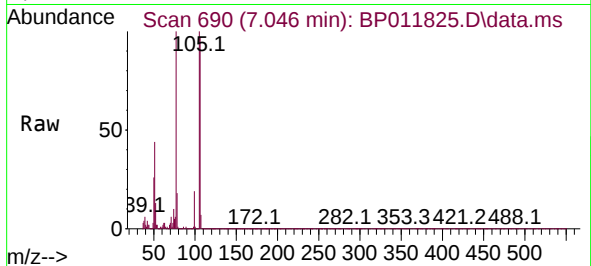
Tgt Ion:128 Resp: 1469108
Ion Ratio Lower Upper
128 100
130 32.1 12.1 52.1
64 46.3 32.6 72.6





#9
Benzaldehyde
Concen: 38.680 ng m
RT: 7.046 min Scan# 69
Delta R.T. -0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

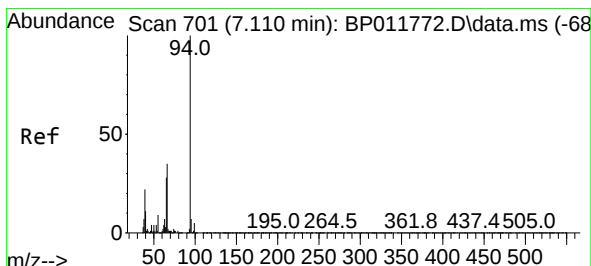
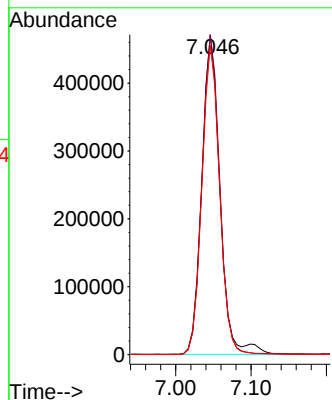
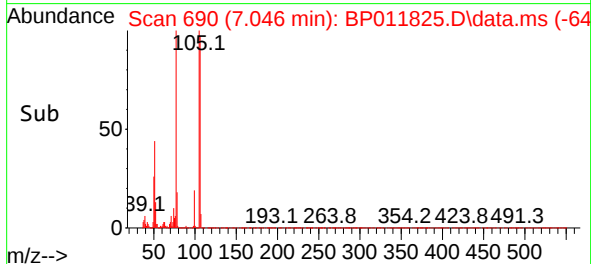
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion: 77 Resp: 789688
Ion Ratio Lower Upper
77 100
105 100.1 75.4 115.4
106 96.8 71.6 111.6

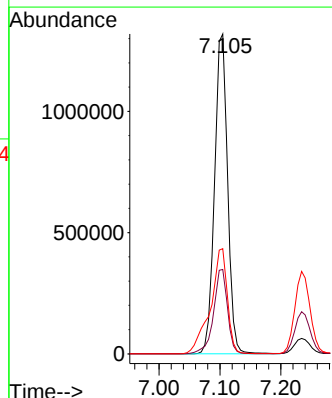
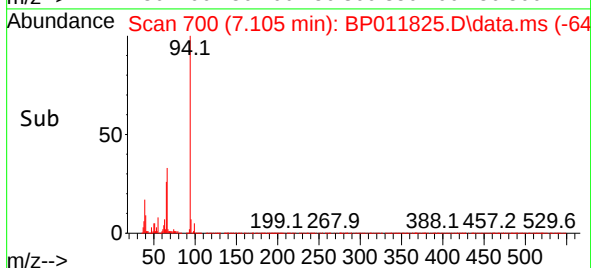
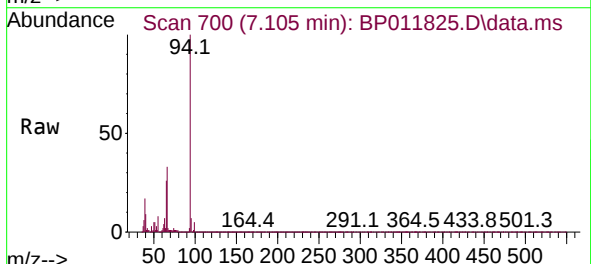
Manual Integrations
APPROVED

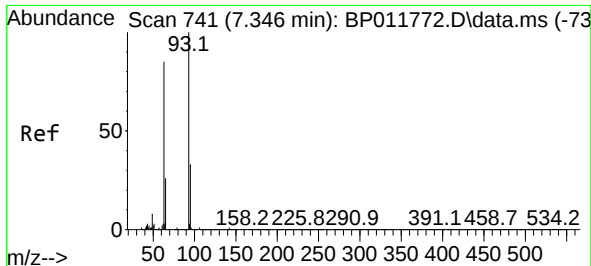
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#10
Phenol
Concen: 53.539 ng
RT: 7.105 min Scan# 700
Delta R.T. 0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

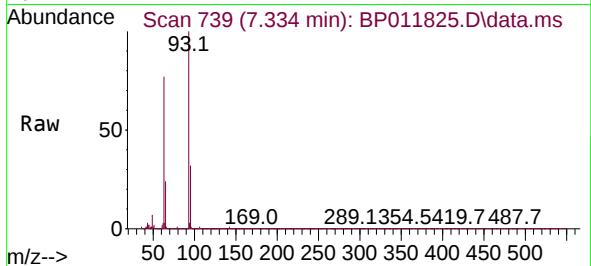
Tgt Ion: 94 Resp: 1968032
Ion Ratio Lower Upper
94 100
65 26.4 8.1 48.1
66 32.9 14.7 54.7





#11
bis(2-Chloroethyl)ether
Concen: 46.257 ng
RT: 7.334 min Scan# 741
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

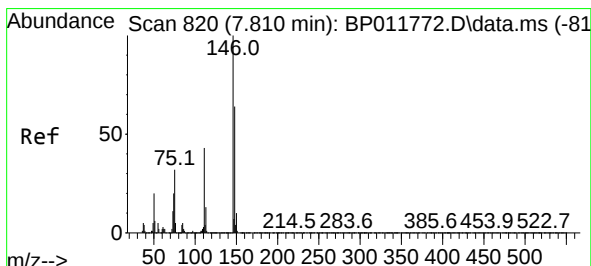
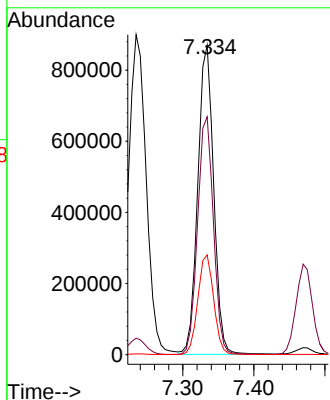
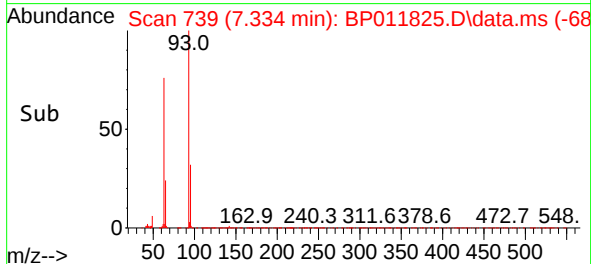
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



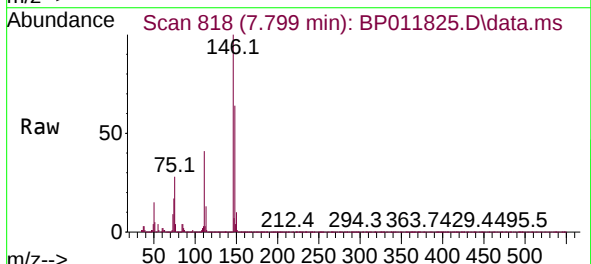
Tgt Ion: 93 Resp: 1345938
Ion Ratio Lower Upper
93 100
63 76.9 64.4 104.4
95 32.2 12.7 52.7

Manual Integrations
APPROVED

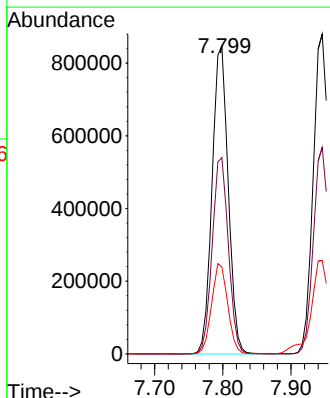
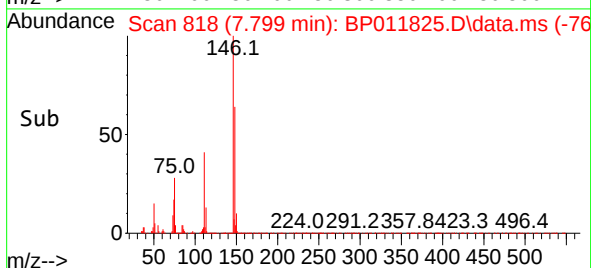
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

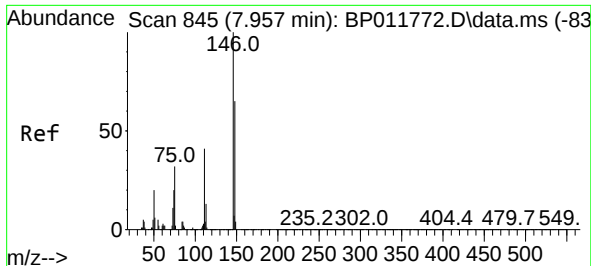


#12
1,3-Dichlorobenzene
Concen: 49.171 ng
RT: 7.799 min Scan# 818
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39



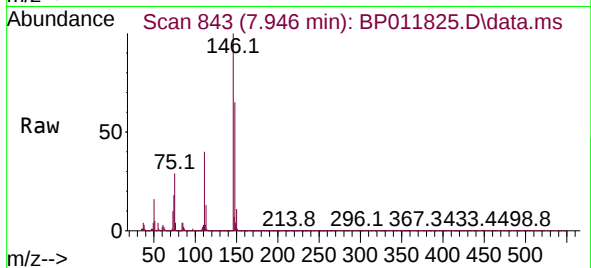
Tgt Ion:146 Resp: 1387376
Ion Ratio Lower Upper
146 100
148 63.8 51.4 77.2
75 28.3 25.9 38.9





#13
1,4-Dichlorobenzene
Concen: 49.106 ng
RT: 7.946 min Scan# 84
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

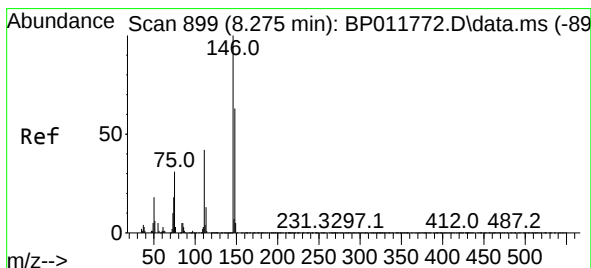
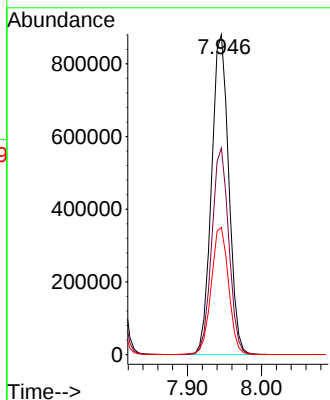
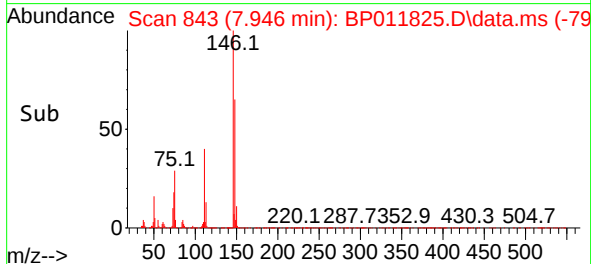
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



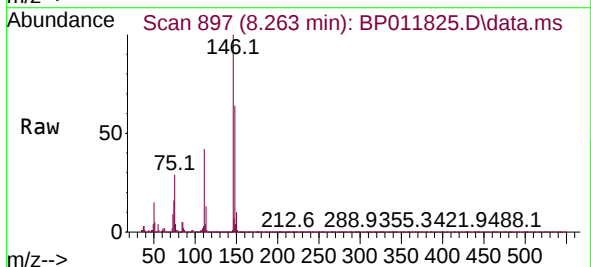
Tgt Ion:146 Resp: 1419801
Ion Ratio Lower Upper
146 100
148 64.6 51.7 77.5
111 39.8 32.6 48.8

Manual Integrations
APPROVED

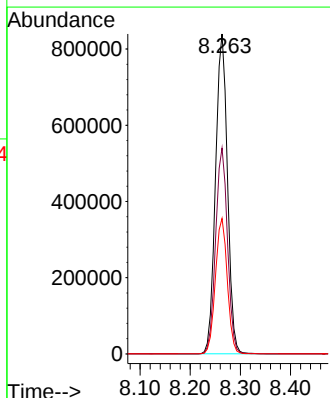
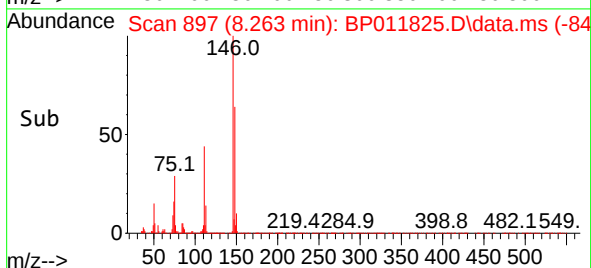
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

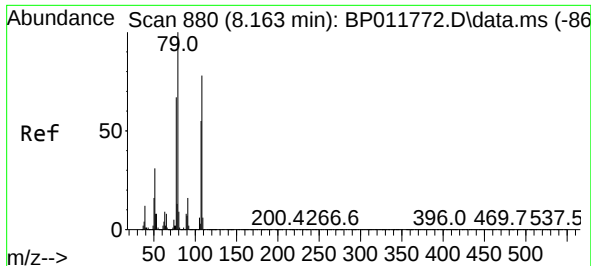


#14
1,2-Dichlorobenzene
Concen: 49.116 ng
RT: 8.263 min Scan# 897
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39



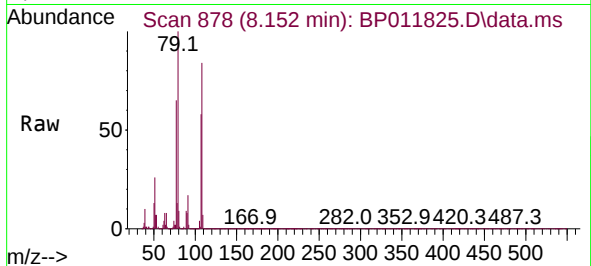
Tgt Ion:146 Resp: 1389287
Ion Ratio Lower Upper
146 100
148 64.3 50.6 76.0
111 42.3 34.0 51.0





#15
Benzyl Alcohol
Concen: 49.685 ng m
RT: 8.152 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

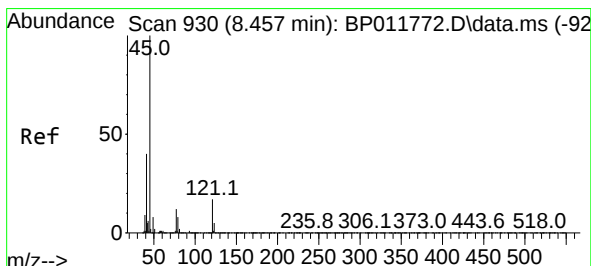
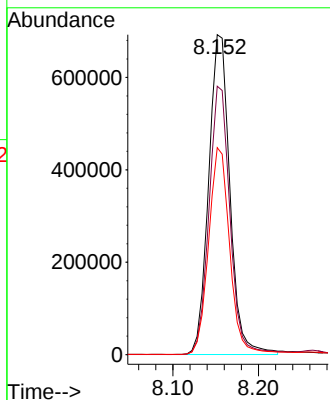
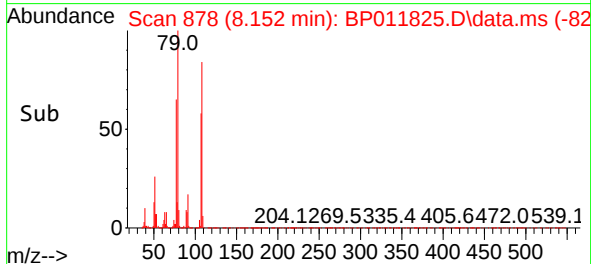
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion: 79 Resp: 1197936
Ion Ratio Lower Upper
79 100
108 83.9 62.7 94.1
77 64.7 53.8 80.6

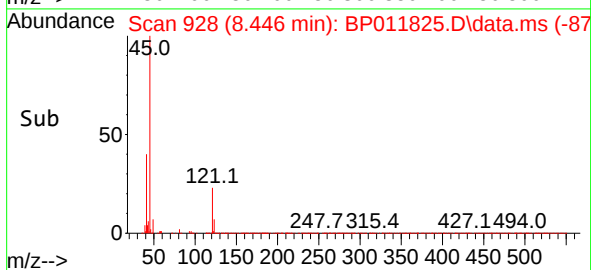
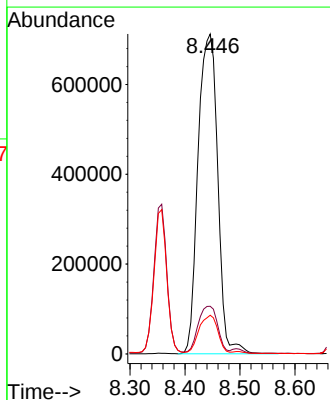
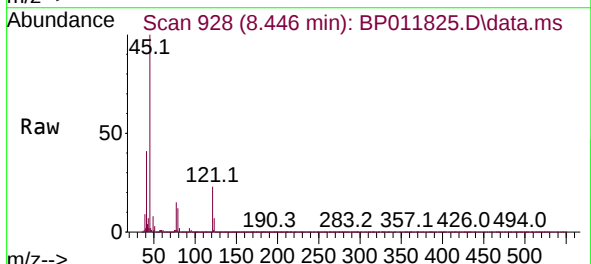
Manual Integrations
APPROVED

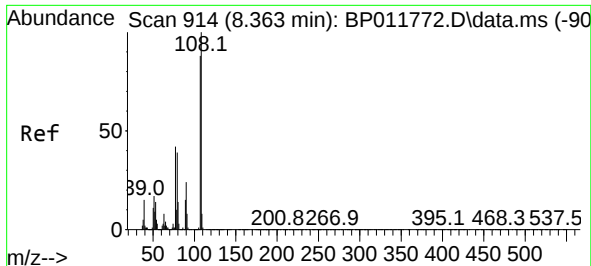
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.772 ng
RT: 8.446 min Scan# 928
Delta R.T. 0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

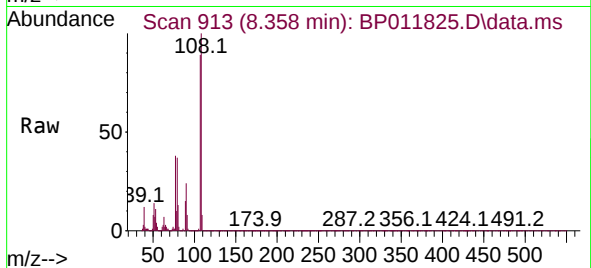
Tgt Ion: 45 Resp: 1767336
Ion Ratio Lower Upper
45 100
77 14.9 0.0 32.6
79 12.1 0.0 29.0





#17
2-Methylphenol
Concen: 51.989 ng
RT: 8.358 min Scan# 914
Delta R.T. 0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

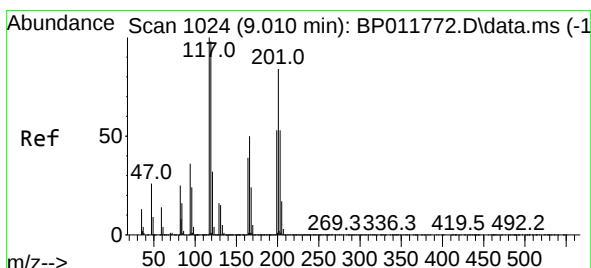
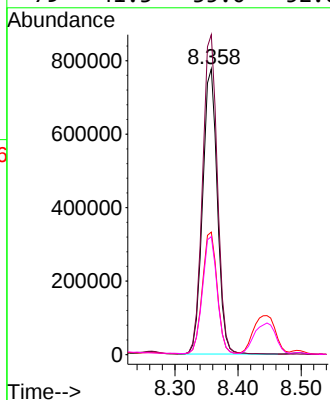
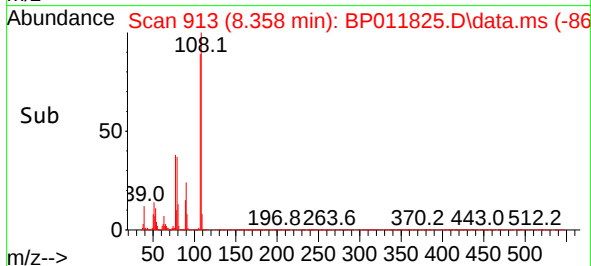
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:	107	Resp:	125257
Ion	Ratio	Lower	Upper
107	100		
108	112.0	90.6	136.0
77	42.9	38.0	57.0
79	41.3	35.0	52.6

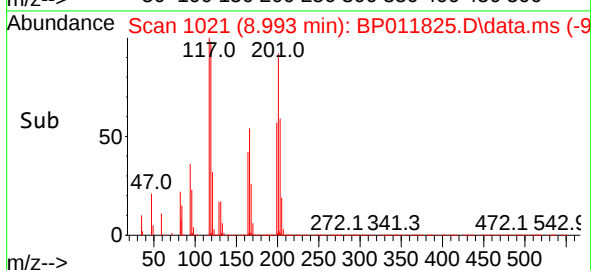
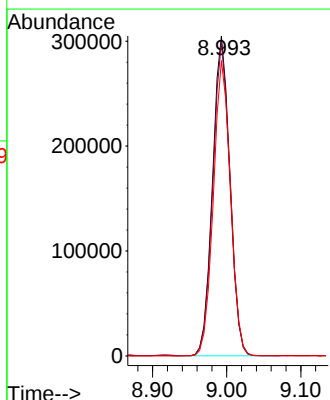
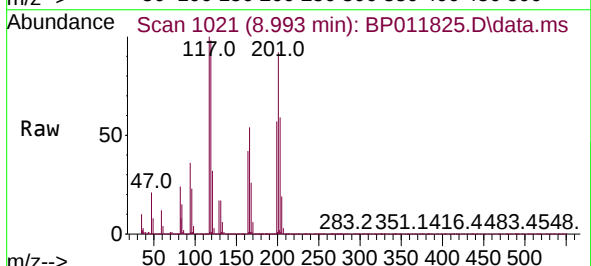
Manual Integrations
APPROVED

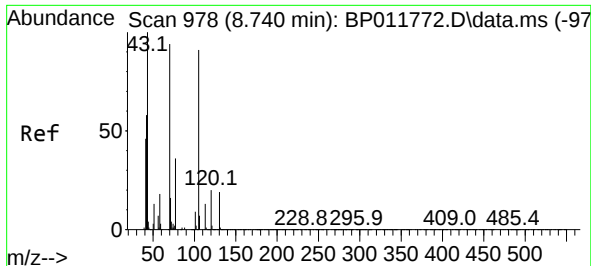
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#18
Hexachloroethane
Concen: 44.838 ng
RT: 8.993 min Scan# 1021
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

Tgt Ion:	117	Resp:	496335
Ion	Ratio	Lower	Upper
117	100		
119	98.0	78.8	118.2
201	92.3	67.4	101.0





#19

n-Nitroso-di-n-propylamine

Concen: 42.281 ng

RT: 8.728 min Scan# 91

Delta R.T. 0.006 min

Lab File: BP011825.D

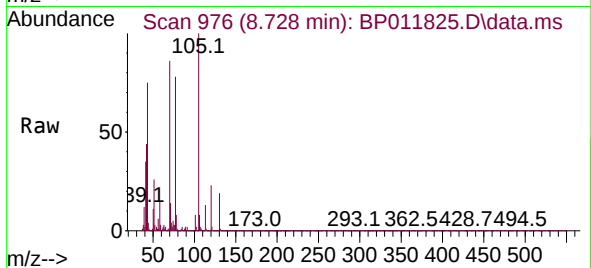
Acq: 27 Sep 2022 20:39

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MS



Tgt Ion: 70 Resp: 1014360

Ion Ratio Lower Upper

70 100

42 51.0 50.1 75.1

101 9.8 7.6 11.4

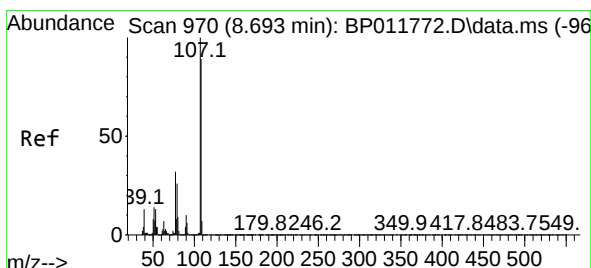
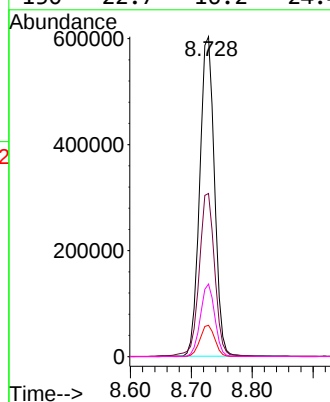
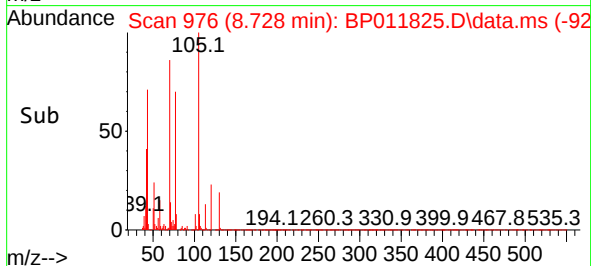
130 22.7 16.2 24.4

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#20

3+4-Methylphenols

Concen: 50.806 ng

RT: 8.687 min Scan# 969

Delta R.T. 0.006 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

Tgt Ion:107 Resp: 1718678

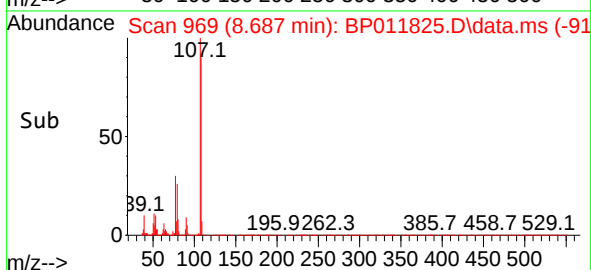
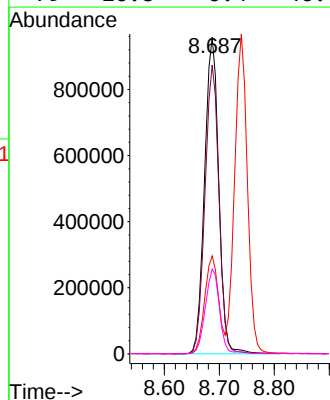
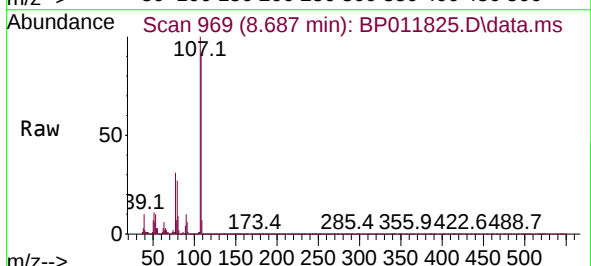
Ion Ratio Lower Upper

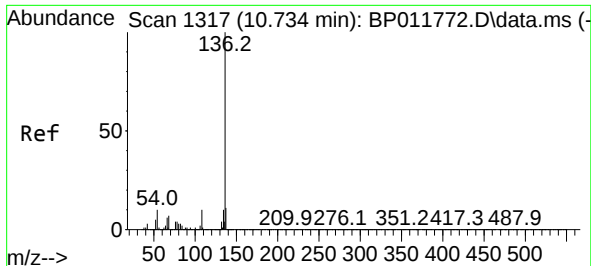
107 100

108 91.3 69.2 109.2

77 31.0 12.5 52.5

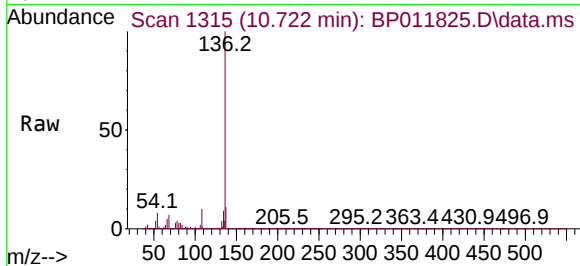
79 26.8 6.4 46.4





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.722 min Scan# 1315
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

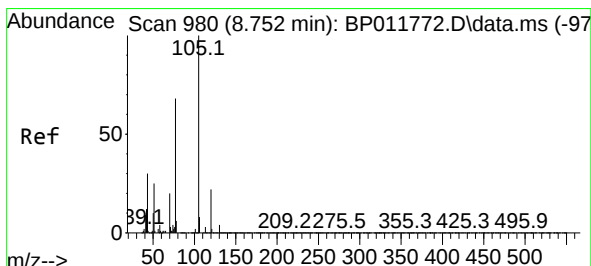
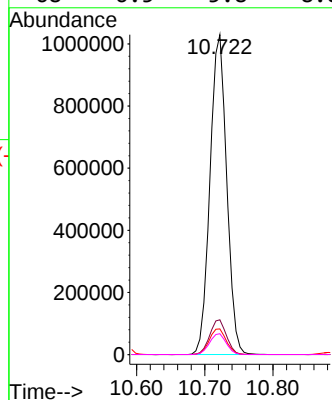
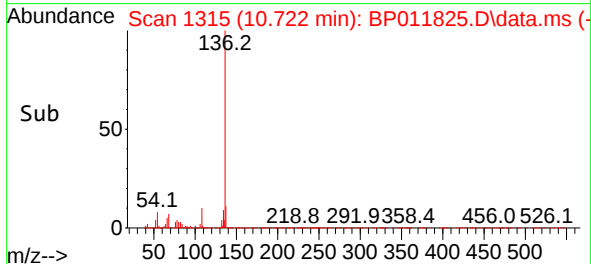
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



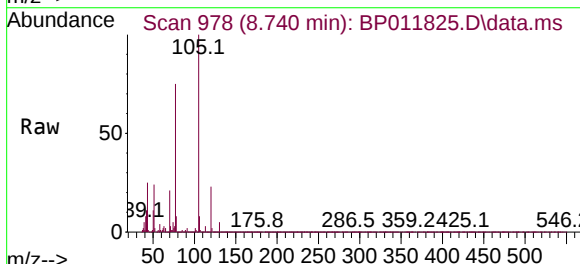
Tgt Ion:136 Resp: 1751217
Ion Ratio Lower Upper
136 100
137 10.9 8.8 13.2
54 8.0 8.2 12.4
68 6.5 5.8 8.8

Manual Integrations
APPROVED

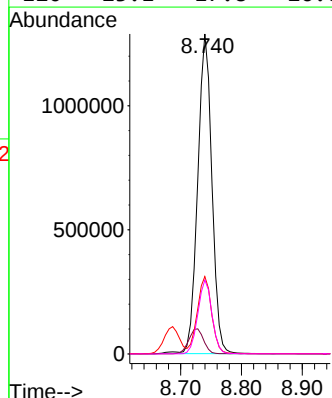
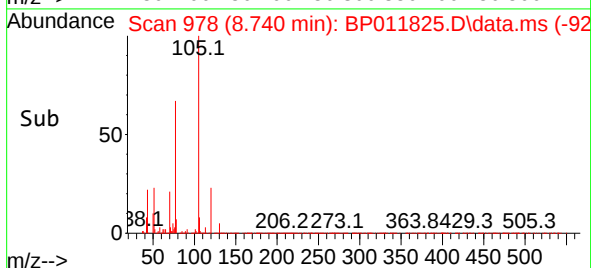
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

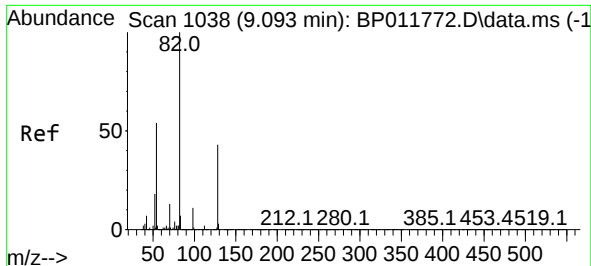


#22
Acetophenone
Concen: 47.135 ng
RT: 8.740 min Scan# 978
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39



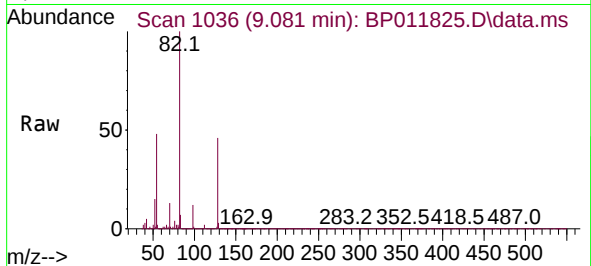
Tgt Ion:105 Resp: 2073438
Ion Ratio Lower Upper
105 100
71 3.4 2.7 4.1
51 24.2 23.6 35.4
120 23.1 17.8 26.6





#23
Nitrobenzene-d5
Concen: 72.764 ng
RT: 9.081 min Scan# 1036
Delta R.T. 0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

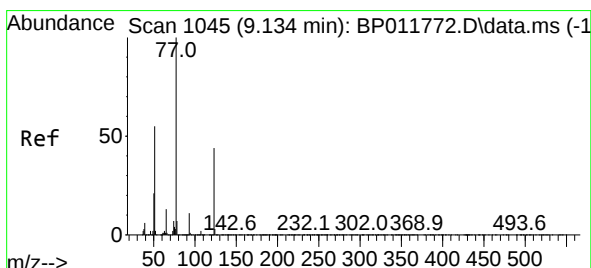
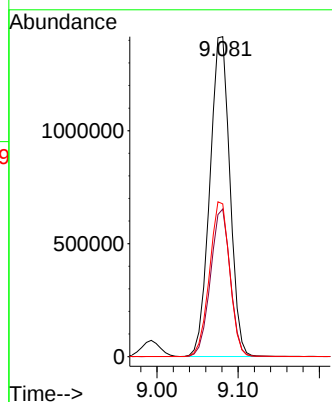
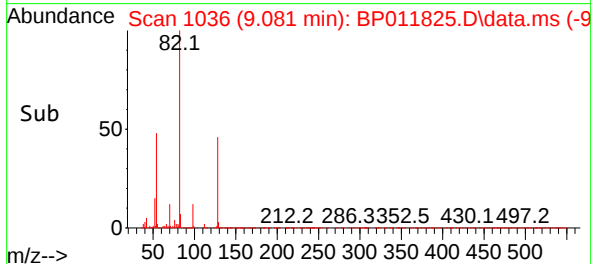
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion: 82 Resp: 2434545
Ion Ratio Lower Upper
82 100
128 46.1 34.2 51.4
54 47.7 43.1 64.7

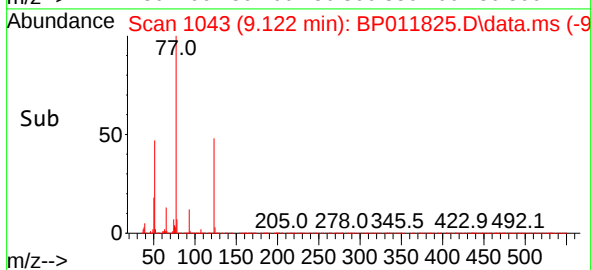
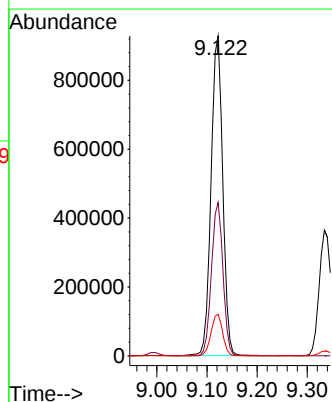
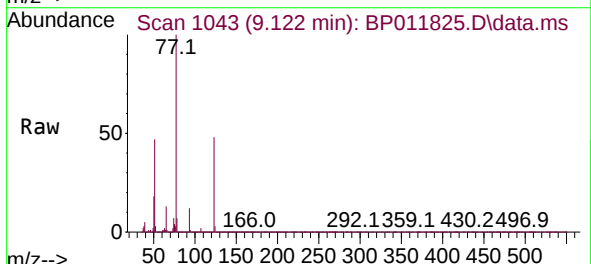
Manual Integrations
APPROVED

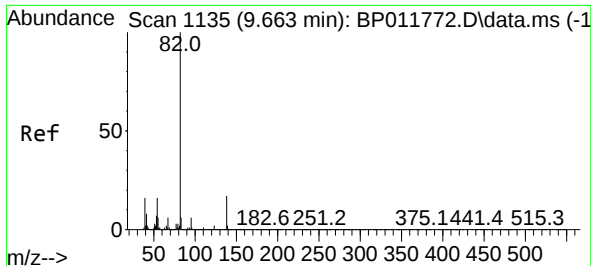
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#24
Nitrobenzene
Concen: 43.315 ng
RT: 9.122 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

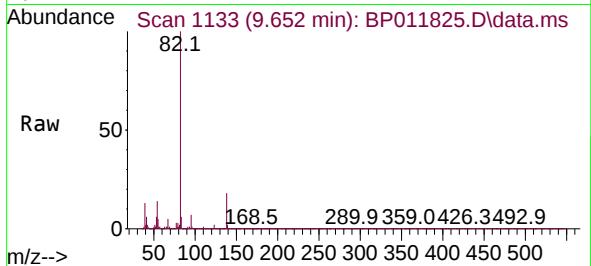
Tgt Ion: 77 Resp: 1497378
Ion Ratio Lower Upper
77 100
123 47.9 35.0 52.4
65 13.0 10.7 16.1





#25
Isophorone
Concen: 46.395 ng
RT: 9.652 min Scan# 1133
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

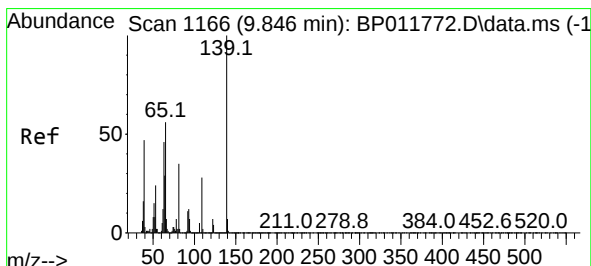
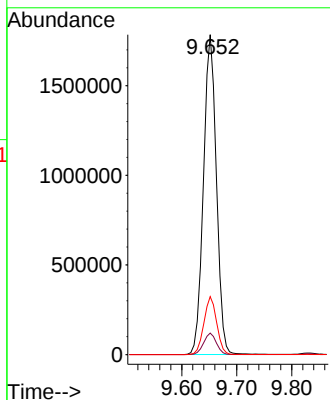
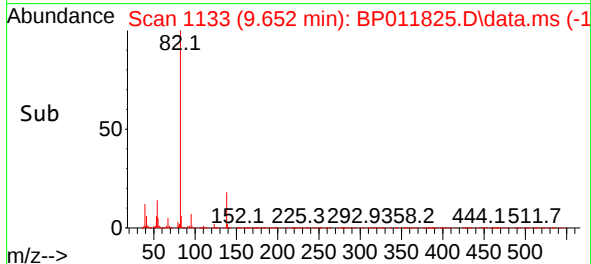
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion: 82 Resp: 291211
Ion Ratio Lower Upper
82 100
95 6.7 5.1 7.7
138 18.1 13.6 20.4

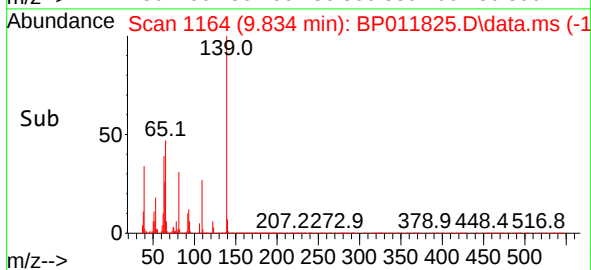
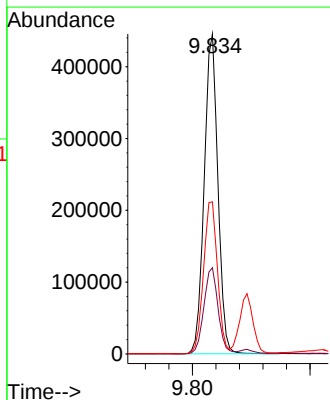
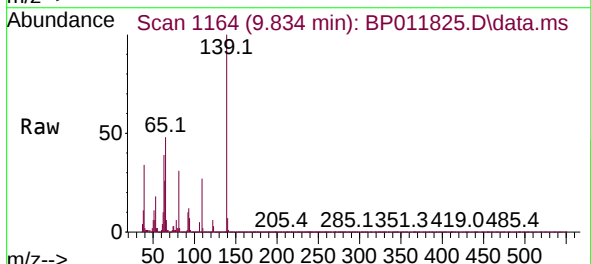
Manual Integrations
APPROVED

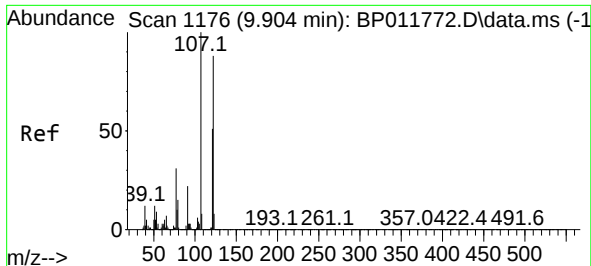
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#26
2-Nitrophenol
Concen: 51.315 ng
RT: 9.834 min Scan# 1164
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

Tgt Ion:139 Resp: 719864
Ion Ratio Lower Upper
139 100
109 26.9 22.6 34.0
65 47.6 44.7 67.1





#27

2,4-Dimethylphenol

Concen: 61.983 ng

RT: 9.893 min Scan# 1174

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MS

Tgt Ion:122 Resp: 137406

Ion Ratio Lower Upper

122 100

107 109.7 91.2 136.8

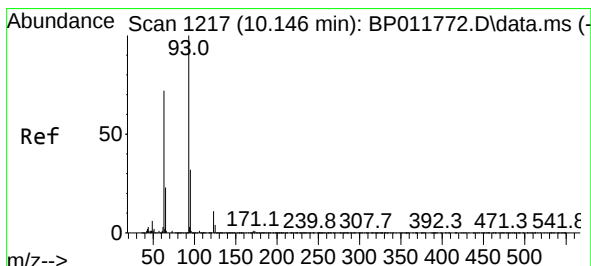
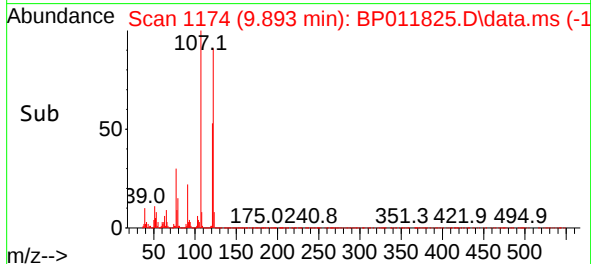
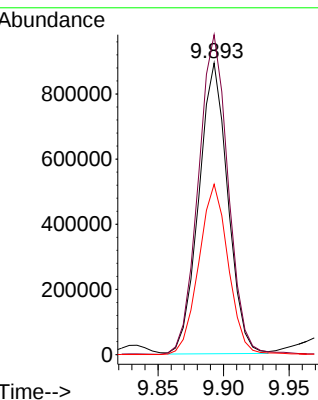
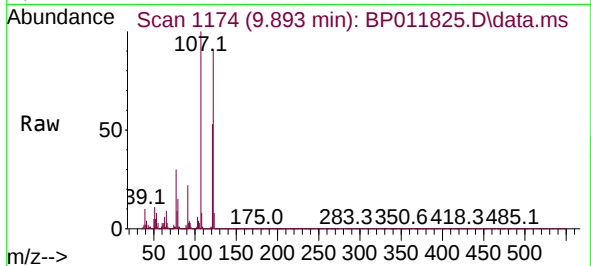
121 58.4 46.8 70.2

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#28

bis(2-Chloroethoxy)methane

Concen: 50.329 ng

RT: 10.134 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

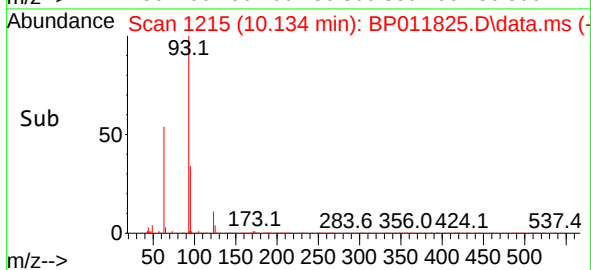
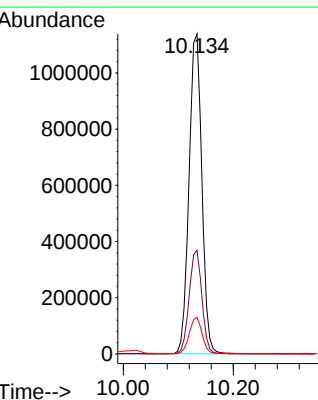
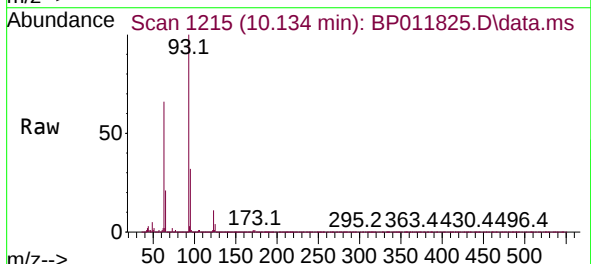
Tgt Ion: 93 Resp: 1841006

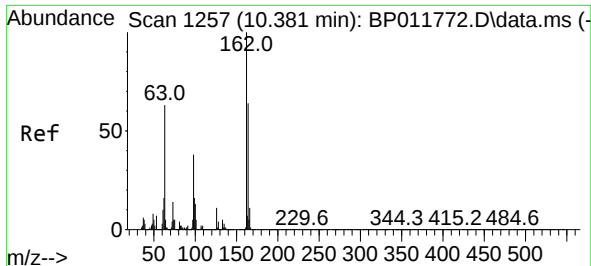
Ion Ratio Lower Upper

93 100

95 32.4 25.6 38.4

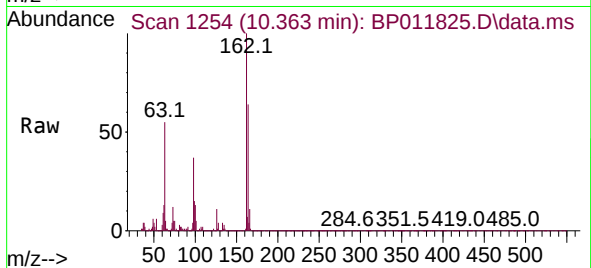
123 11.4 8.8 13.2





#29
2,4-Dichlorophenol
Concen: 57.426 ng
RT: 10.363 min Scan# 1254
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

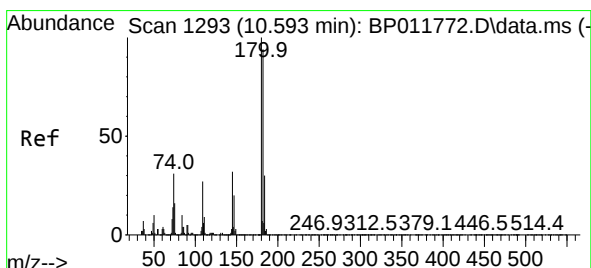
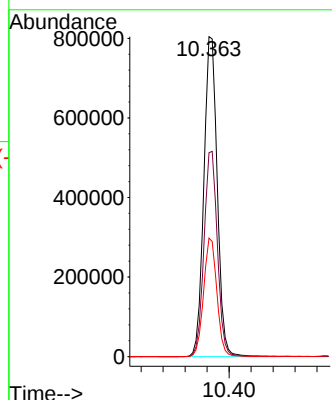
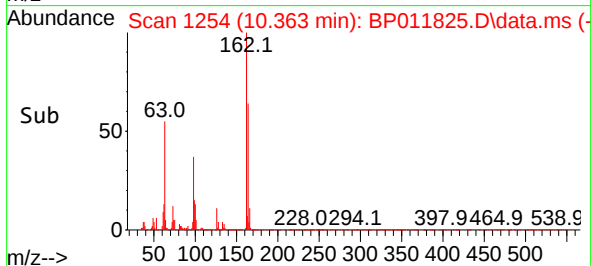
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:162 Resp: 1362114
Ion Ratio Lower Upper
162 100
164 63.7 44.3 84.3
98 37.0 18.1 58.1

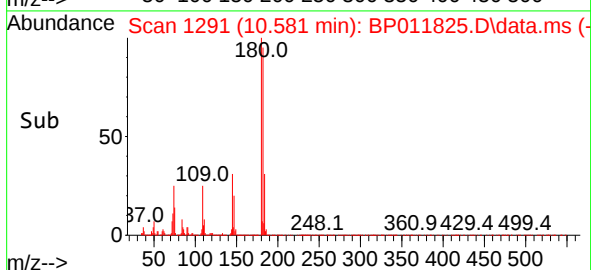
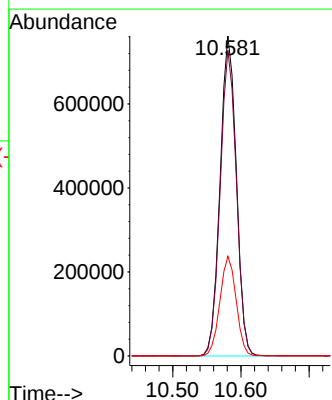
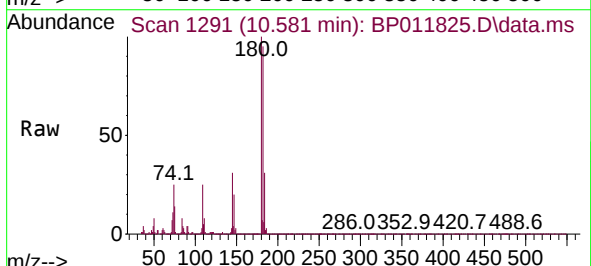
Manual Integrations
APPROVED

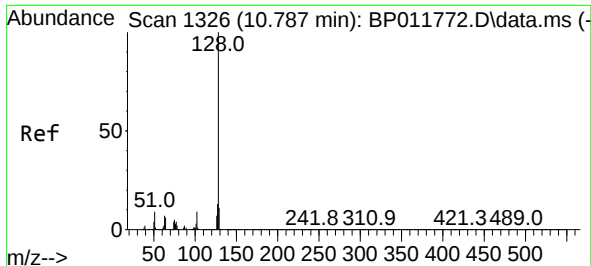
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#30
1,2,4-Trichlorobenzene
Concen: 50.729 ng
RT: 10.581 min Scan# 1291
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

Tgt Ion:180 Resp: 1252924
Ion Ratio Lower Upper
180 100
182 95.5 75.2 112.8
145 31.1 25.8 38.6





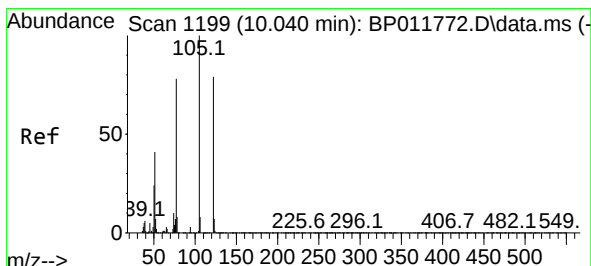
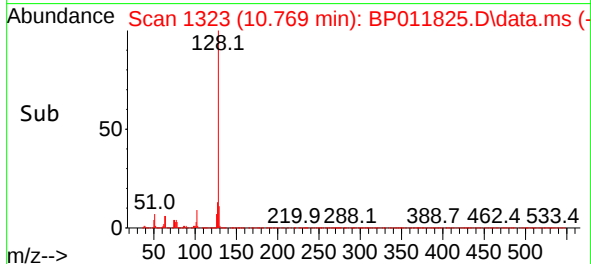
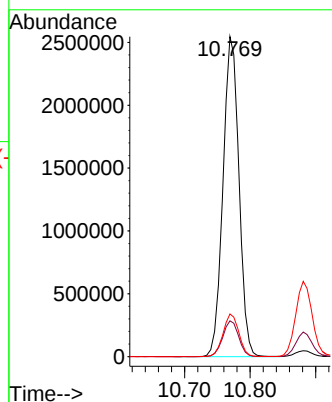
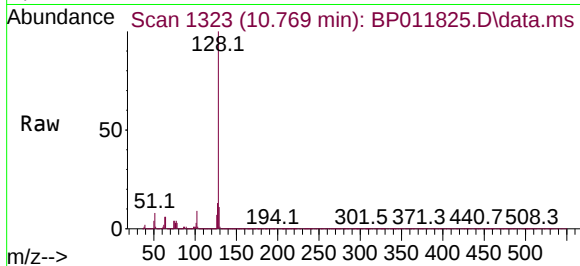
#31
Naphthalene
Concen: 46.470 ng
RT: 10.769 min Scan# 1326
Delta R.T. -0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS

Tgt Ion:128 Resp: 431440
Ion Ratio Lower Upper
128 100
129 11.2 8.7 13.1
127 13.3 10.5 15.7

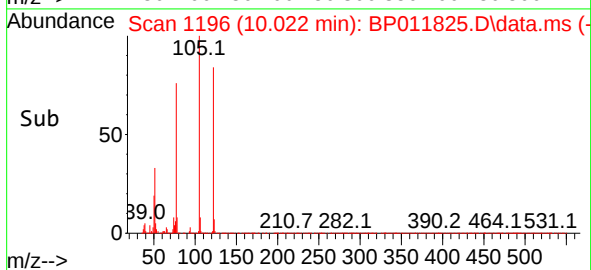
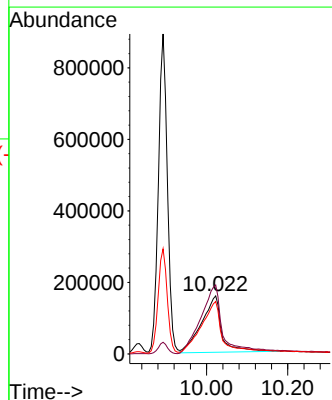
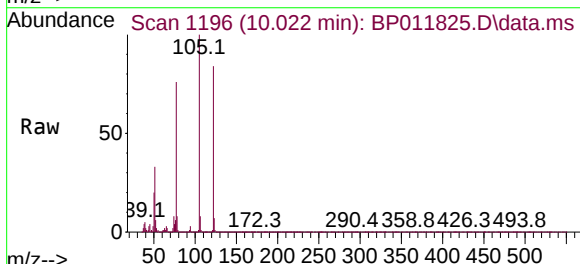
Manual Integrations
APPROVED

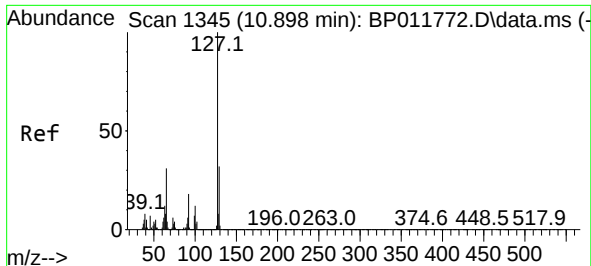
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#32
Benzoic acid
Concen: 31.729 ng
RT: 10.022 min Scan# 1196
Delta R.T. 0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

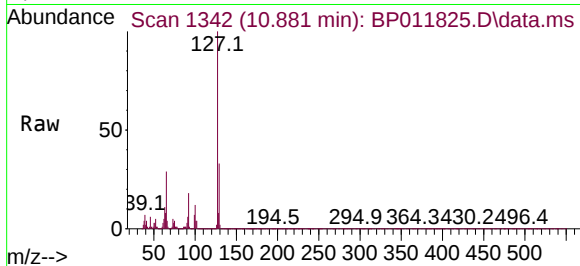
Tgt Ion:122 Resp: 551659
Ion Ratio Lower Upper
122 100
105 118.7 101.0 141.0
77 90.3 75.9 115.9





#33
4-Chloroaniline
Concen: 27.332 ng
RT: 10.881 min Scan# 1345
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

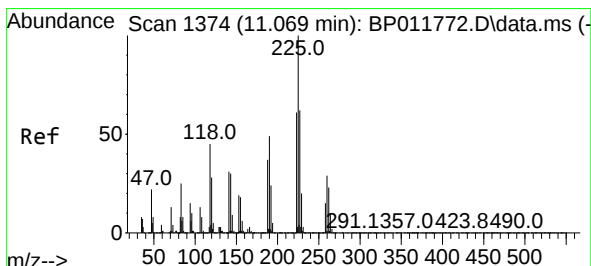
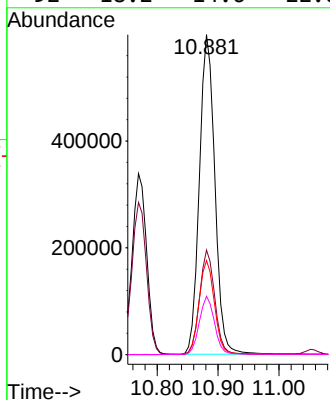
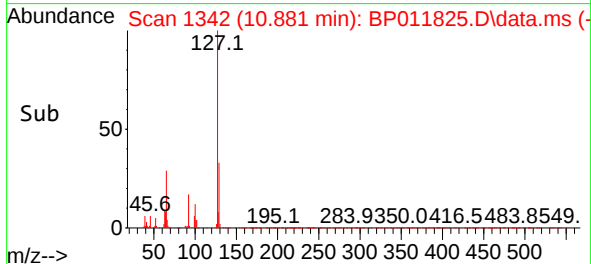
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:127 Resp: 1057954
Ion Ratio Lower Upper
127 100
129 32.7 25.8 38.8
65 29.4 25.1 37.7
92 18.2 14.6 22.0

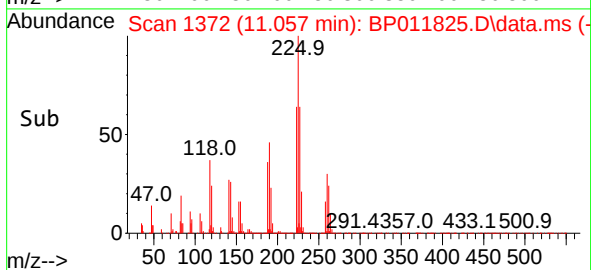
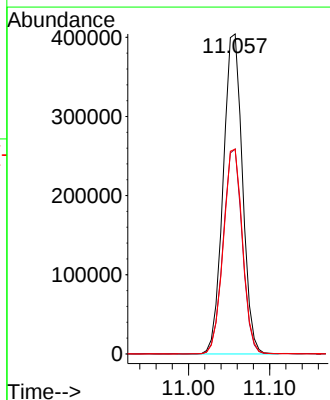
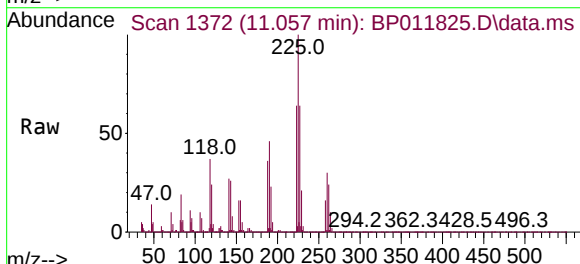
Manual Integrations
APPROVED

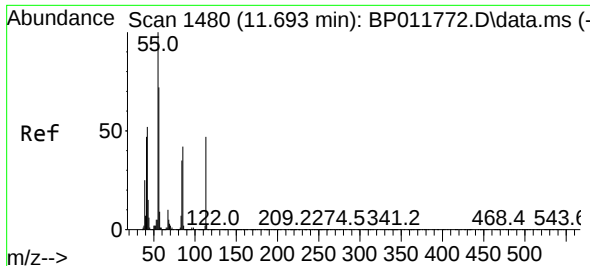
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#34
Hexachlorobutadiene
Concen: 53.358 ng
RT: 11.057 min Scan# 1372
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

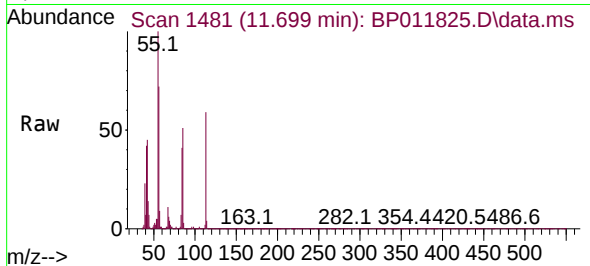
Tgt Ion:225 Resp: 664679
Ion Ratio Lower Upper
225 100
223 64.0 49.0 73.4
227 64.0 49.6 74.4





#35
Caprolactam
Concen: 54.483 ng m
RT: 11.699 min Scan# 1480
Delta R.T. 0.018 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

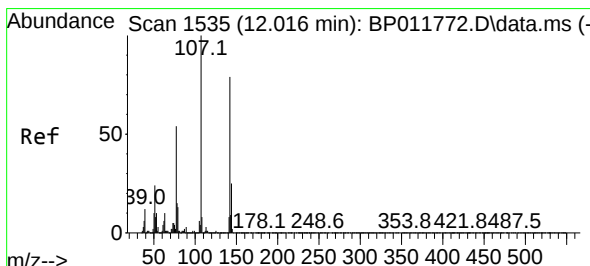
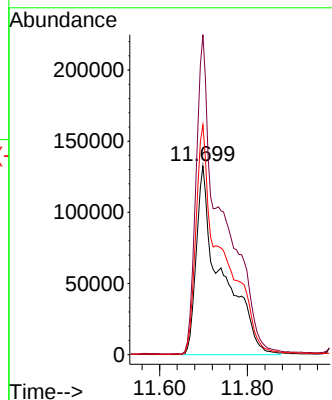
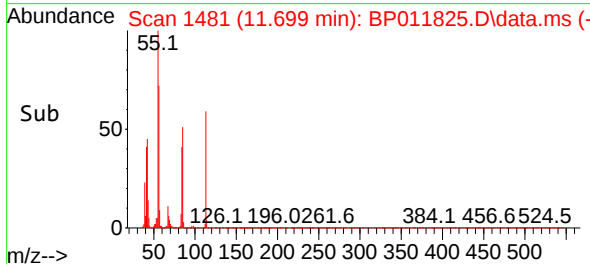
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:113 Resp: 52521
Ion Ratio Lower Upper
113 100
55 169.7 191.1 231.1
56 121.9 131.1 171.1

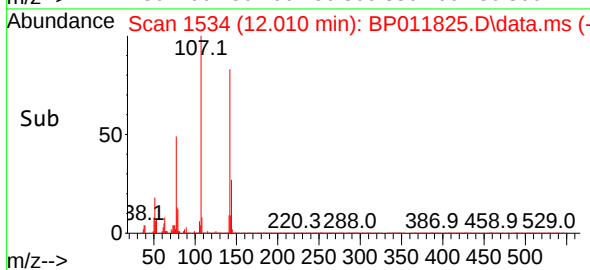
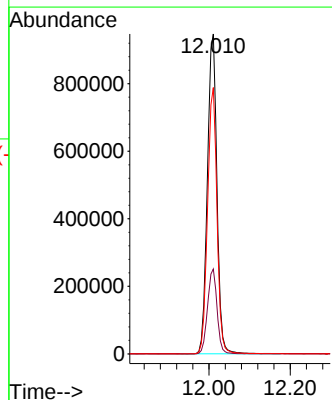
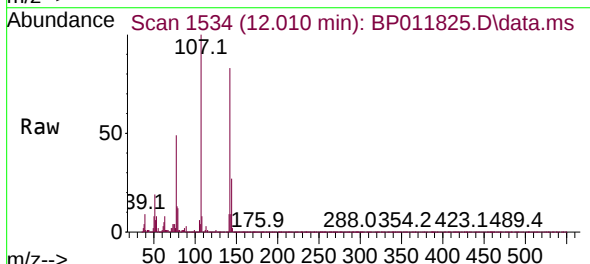
Manual Integrations
APPROVED

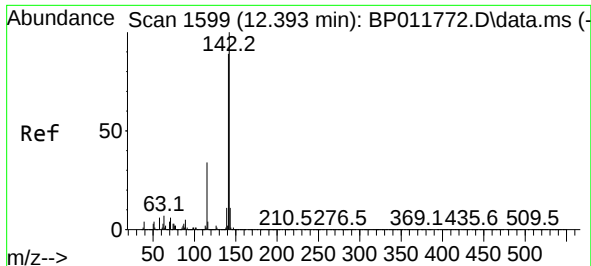
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#36
4-Chloro-3-methylphenol
Concen: 53.866 ng
RT: 12.010 min Scan# 1534
Delta R.T. 0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

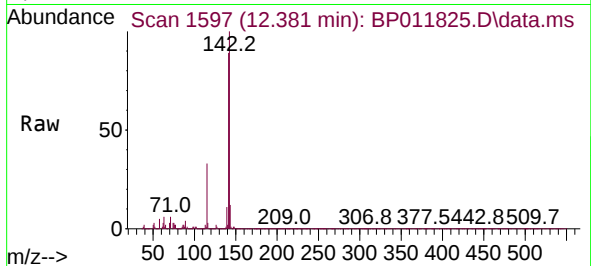
Tgt Ion:107 Resp: 1550675
Ion Ratio Lower Upper
107 100
144 26.5 20.2 30.2
142 83.3 63.5 95.3





#37
2-Methylnaphthalene
Concen: 47.640 ng
RT: 12.381 min Scan# 1599
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

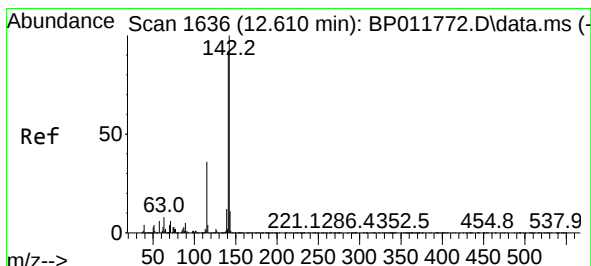
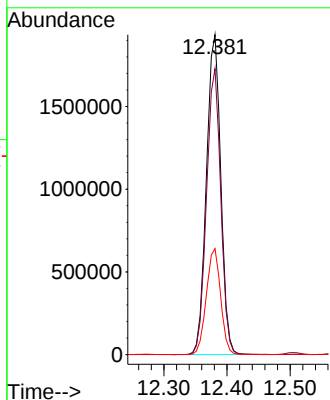
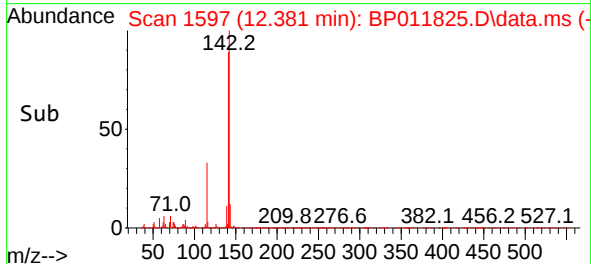
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



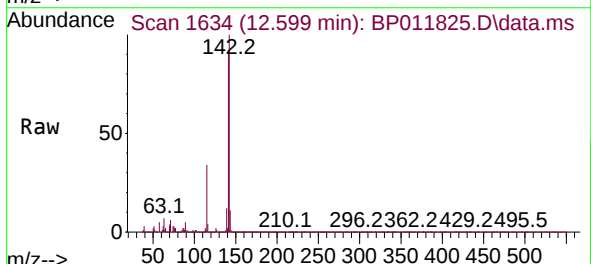
Tgt Ion:142 Resp: 3054456
Ion Ratio Lower Upper
142 100
141 89.4 71.1 106.7
115 33.1 27.4 41.0

Manual Integrations
APPROVED

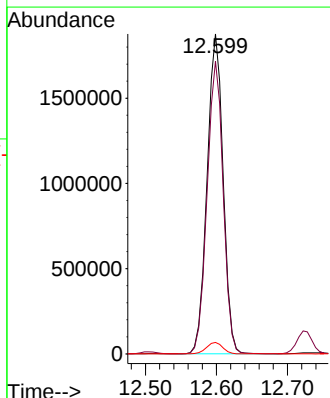
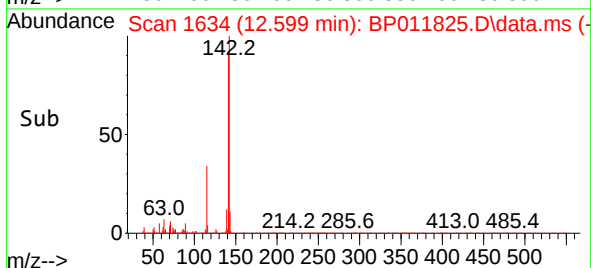
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

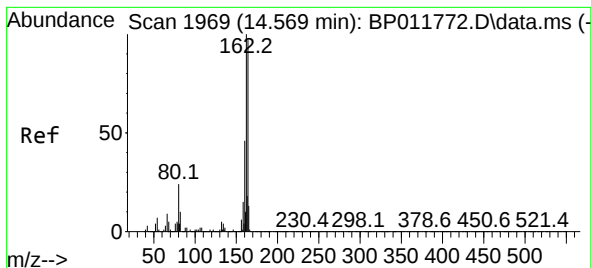


#38
1-Methylnaphthalene
Concen: 46.463 ng
RT: 12.599 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39



Tgt Ion:142 Resp: 2933587
Ion Ratio Lower Upper
142 100
141 91.5 73.4 110.2
116 3.6 3.0 4.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.557 min Scan# 1969

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MS

Tgt Ion:164 Resp: 108470

Ion Ratio Lower Upper

164 100

162 101.3 82.5 123.7

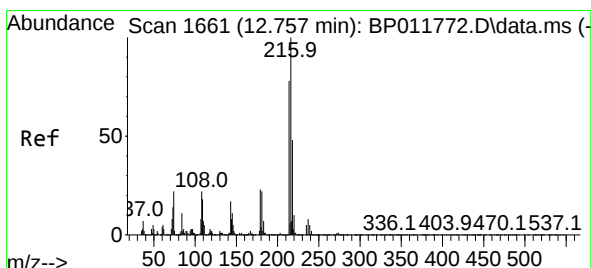
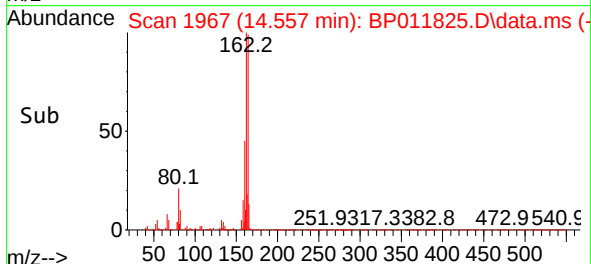
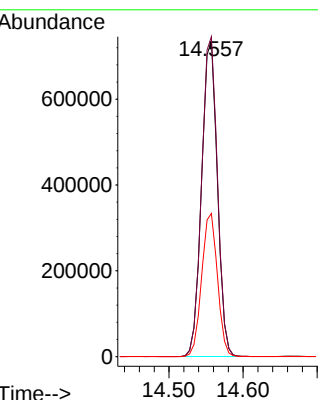
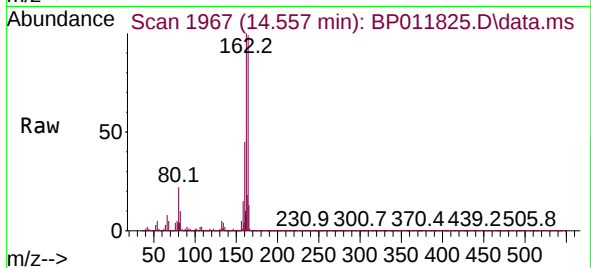
160 45.3 37.8 56.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#40

1,2,4,5-Tetrachlorobenzene

Concen: 56.635 ng

RT: 12.746 min Scan# 1659

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

Tgt Ion:216 Resp: 1384487

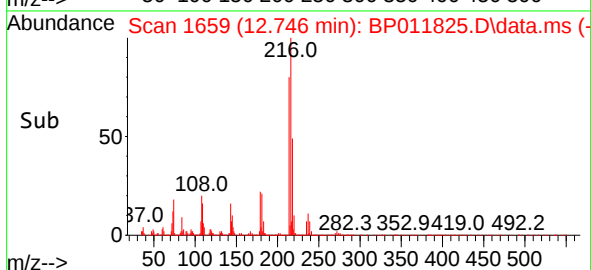
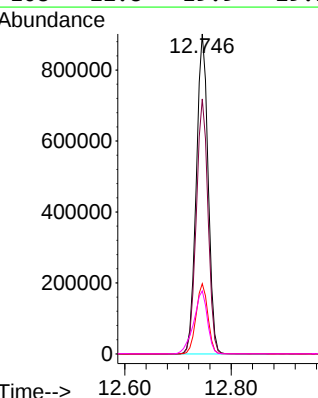
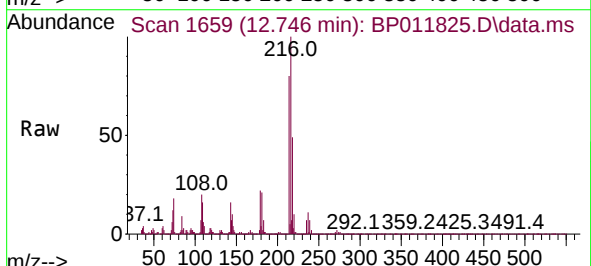
Ion Ratio Lower Upper

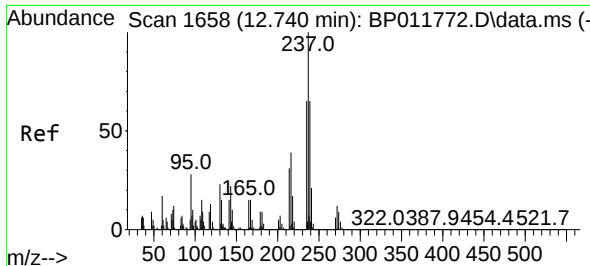
216 100

214 79.3 63.3 94.9

179 21.8 18.5 27.7

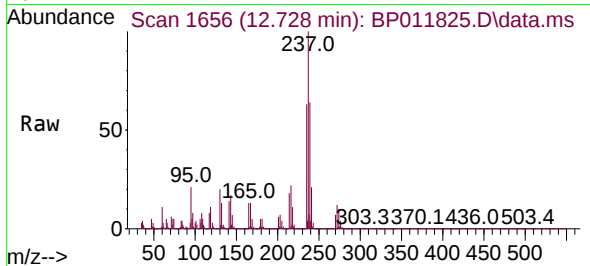
108 22.8 19.9 29.9





#41
Hexachlorocyclopentadiene
Concen: 119.134 ng
RT: 12.728 min Scan# 1656
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

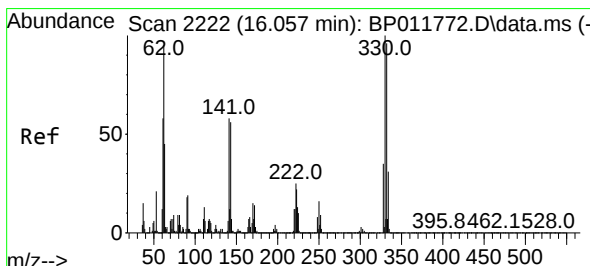
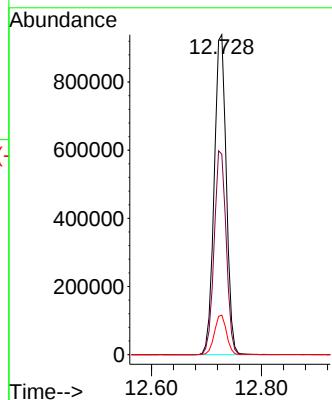
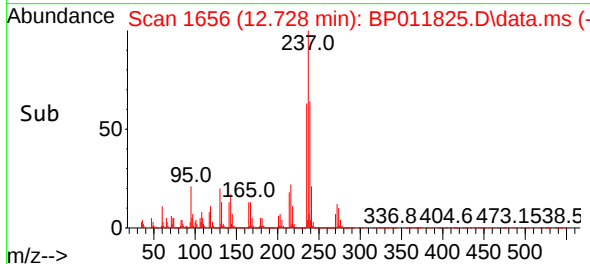
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:237 Resp: 1428279
Ion Ratio Lower Upper
237 100
235 62.6 45.5 85.5
272 12.3 0.0 31.6

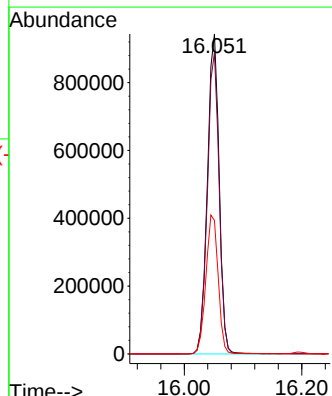
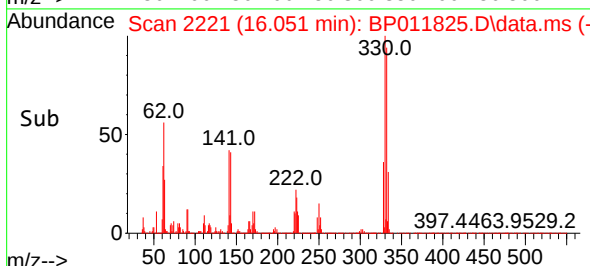
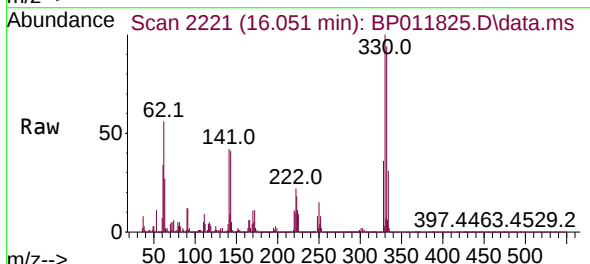
Manual Integrations
APPROVED

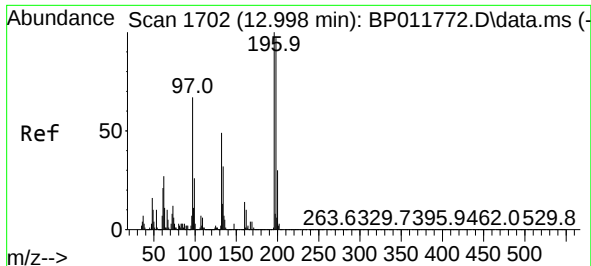
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#42
2,4,6-Tribromophenol
Concen: 179.461 ng
RT: 16.051 min Scan# 2221
Delta R.T. 0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

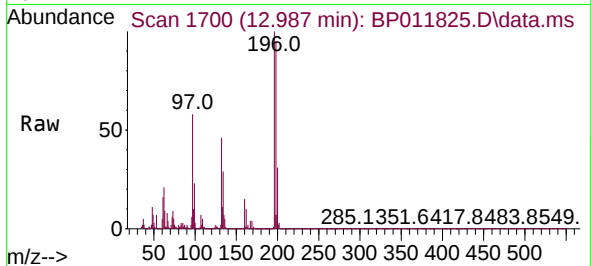
Tgt Ion:330 Resp: 1310750
Ion Ratio Lower Upper
330 100
332 94.5 76.6 114.8
141 45.4 48.7 73.1#





#43
2,4,6-Trichlorophenol
Concen: 59.620 ng
RT: 12.987 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

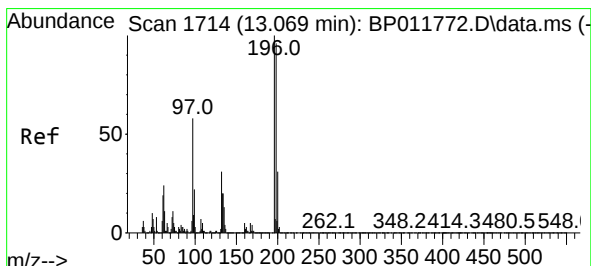
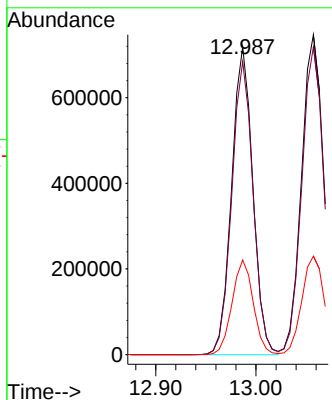
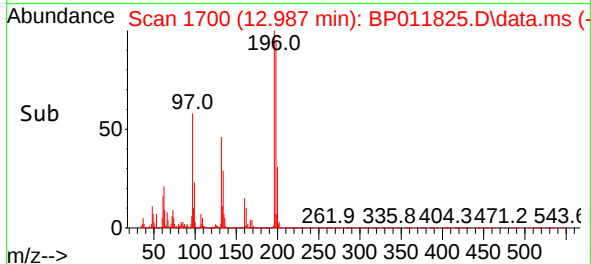
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



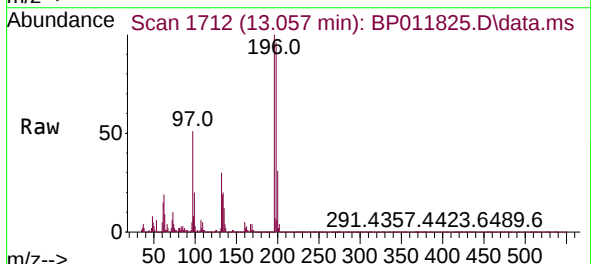
Tgt Ion:196 Resp: 1055001
Ion Ratio Lower Upper
196 100
198 95.2 77.8 116.6
200 30.8 24.3 36.5

Manual Integrations
APPROVED

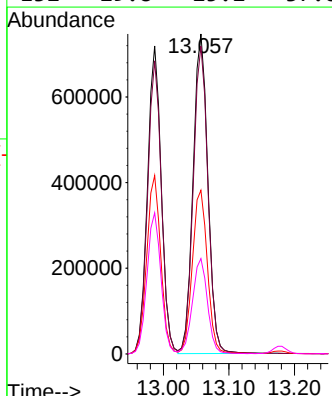
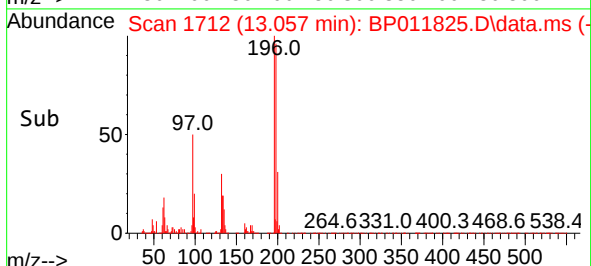
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

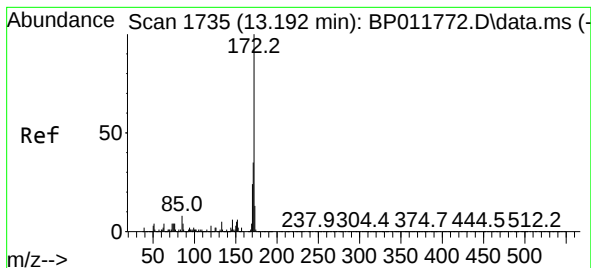


#44
2,4,5-Trichlorophenol
Concen: 57.395 ng
RT: 13.057 min Scan# 1712
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39



Tgt Ion:196 Resp: 1167351
Ion Ratio Lower Upper
196 100
198 96.2 77.0 115.6
97 51.1 46.2 69.4
132 29.8 25.2 37.8





#45

2-Fluorobiphenyl

Concen: 80.477 ng

RT: 13.181 min Scan# 1733

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MS

Tgt Ion:172 Resp: 5520030

Ion Ratio Lower Upper

172 100

171 35.8 27.9 41.9

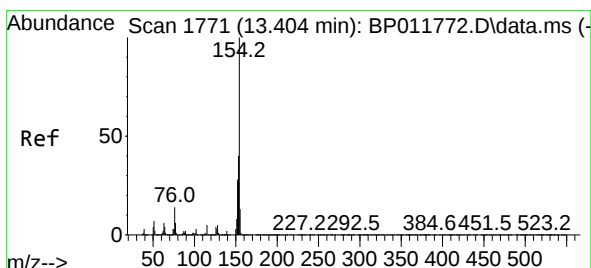
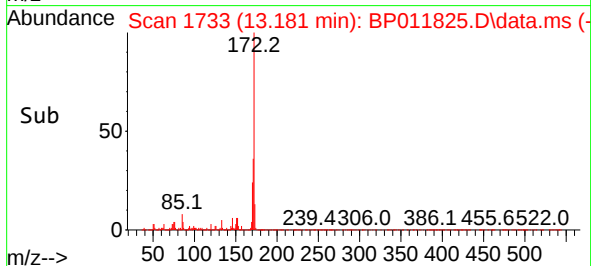
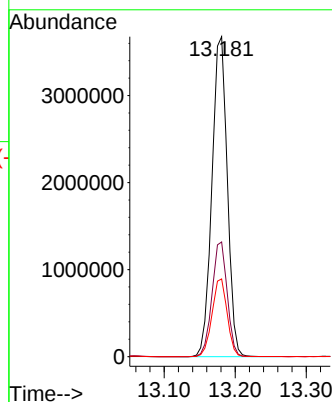
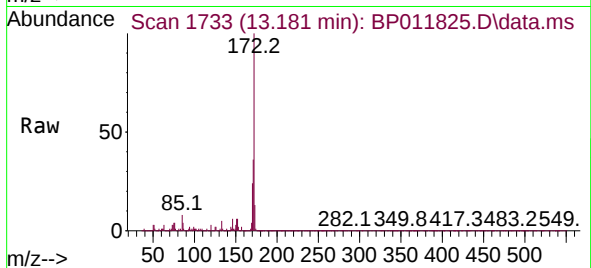
170 24.3 19.5 29.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#46

1,1'-Biphenyl

Concen: 49.965 ng

RT: 13.387 min Scan# 1768

Delta R.T. -0.006 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

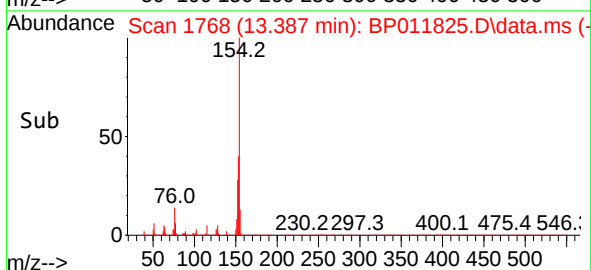
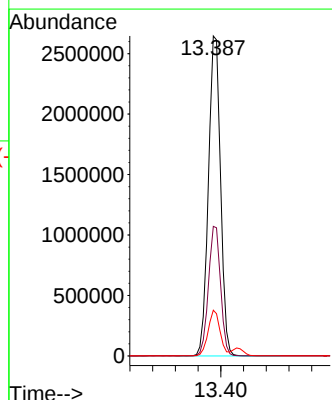
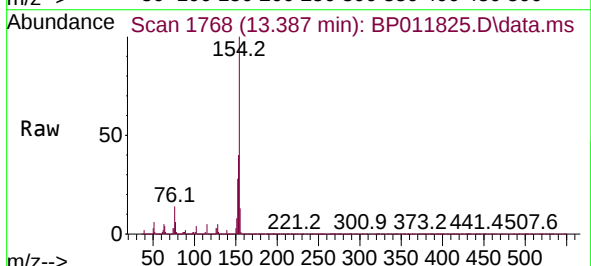
Tgt Ion:154 Resp: 3937723

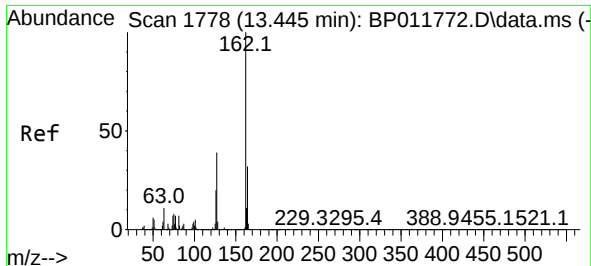
Ion Ratio Lower Upper

154 100

153 40.5 19.5 59.5

76 14.3 0.0 34.2





#47

2-Chloronaphthalene

Concen: 48.866 ng

RT: 13.428 min Scan# 11

Delta R.T. -0.006 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MS

Tgt Ion:162 Resp: 2987146

Ion Ratio Lower Upper

162 100

127 40.1 31.5 47.3

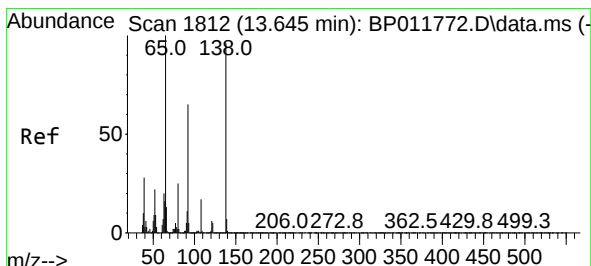
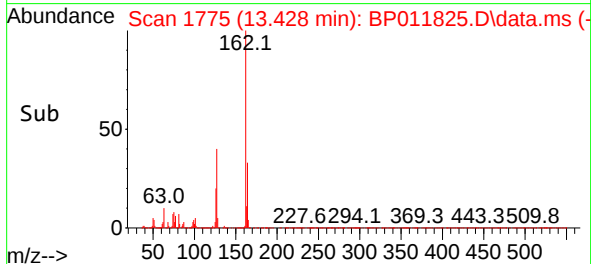
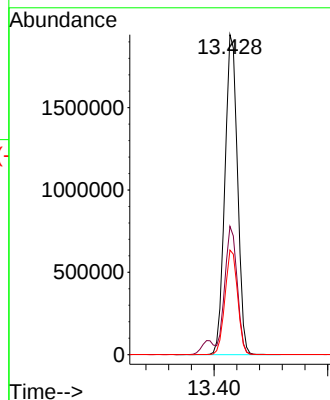
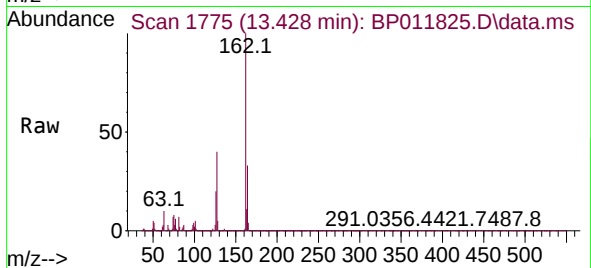
164 32.7 25.9 38.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#48

2-Nitroaniline

Concen: 43.913 ng

RT: 13.640 min Scan# 1811

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

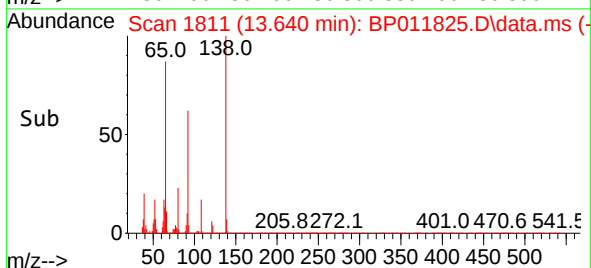
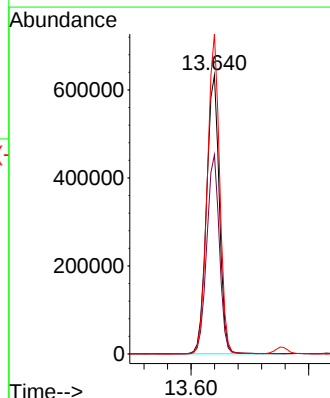
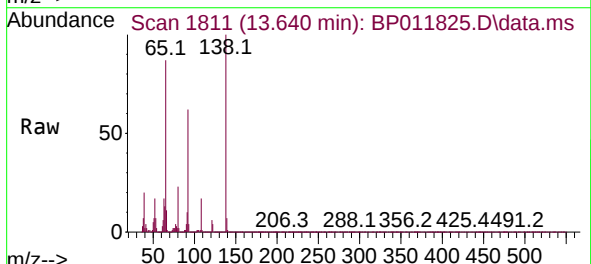
Tgt Ion: 65 Resp: 957086

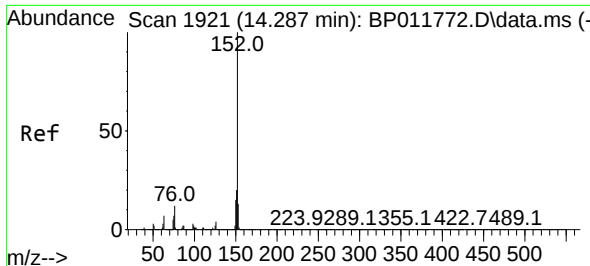
Ion Ratio Lower Upper

65 100

92 71.4 52.3 78.5

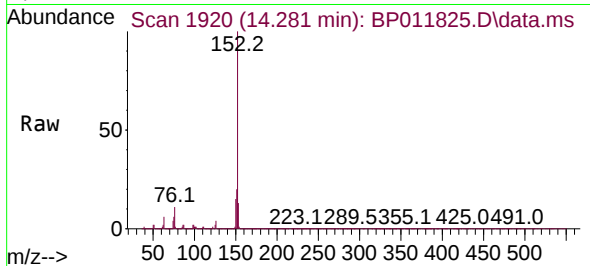
138 114.8 76.5 114.7#





#49
Acenaphthylene
Concen: 48.322 ng
RT: 14.281 min Scan# 1921
Delta R.T. 0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

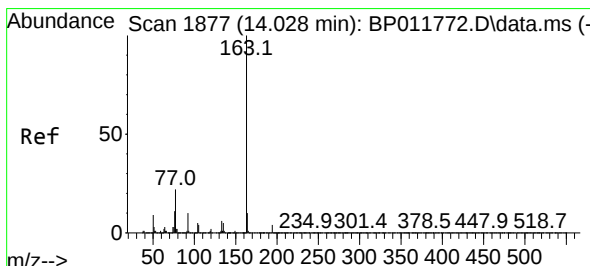
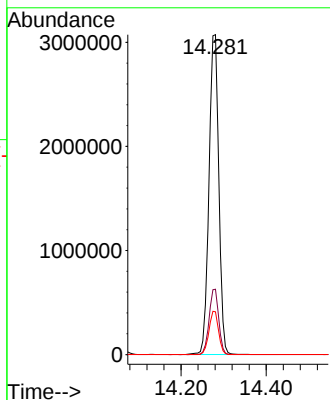
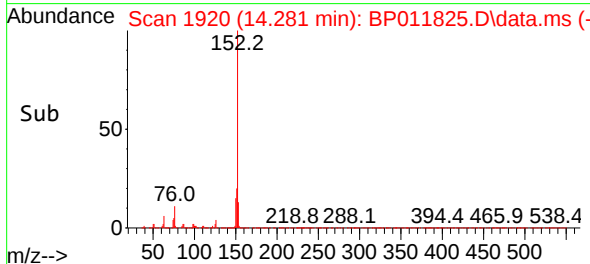
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



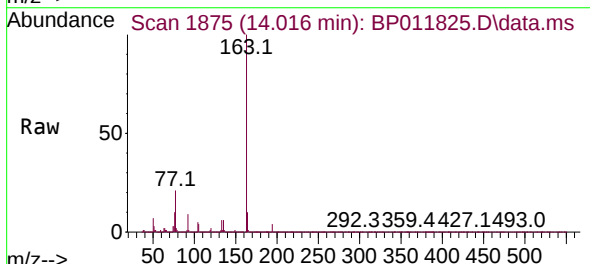
Tgt Ion:152 Resp: 4903041
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.4
153 13.4 10.6 16.0

Manual Integrations
APPROVED

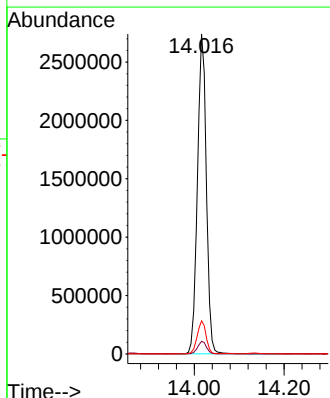
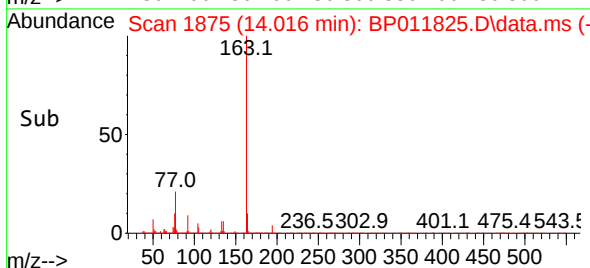
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

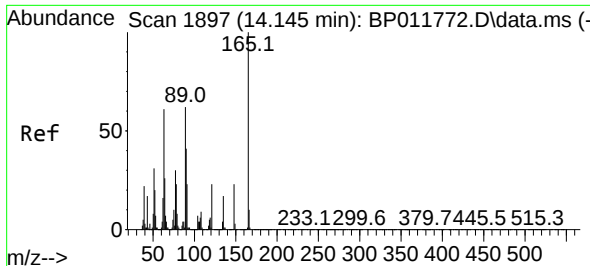


#50
Dimethylphthalate
Concen: 47.345 ng
RT: 14.016 min Scan# 1875
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39



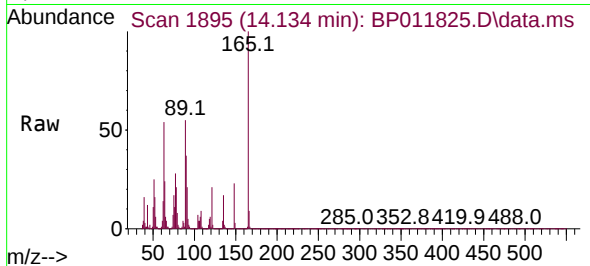
Tgt Ion:163 Resp: 3765451
Ion Ratio Lower Upper
163 100
194 3.9 3.0 4.4
164 10.3 8.2 12.4





#51
2,6-Dinitrotoluene
Concen: 50.911 ng
RT: 14.134 min Scan# 1895
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

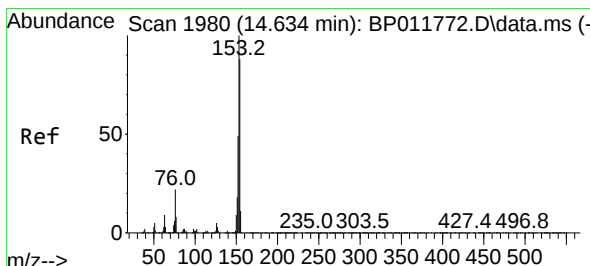
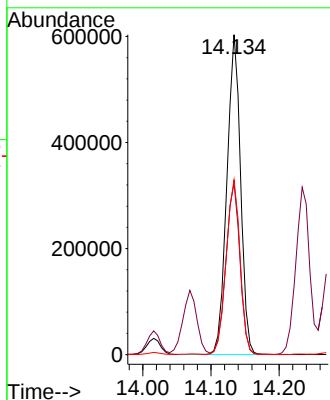
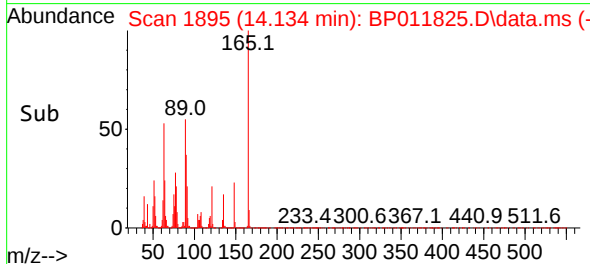
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



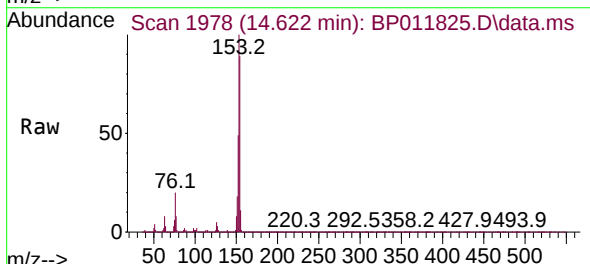
Tgt Ion:165 Resp: 835976
Ion Ratio Lower Upper
165 100
63 53.6 51.0 76.4
89 54.7 49.3 73.9

Manual Integrations
APPROVED

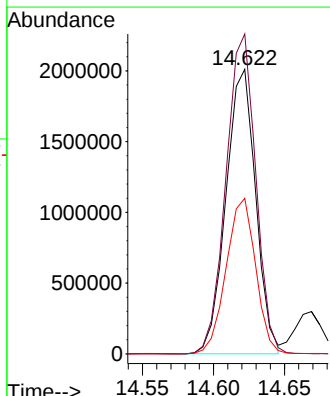
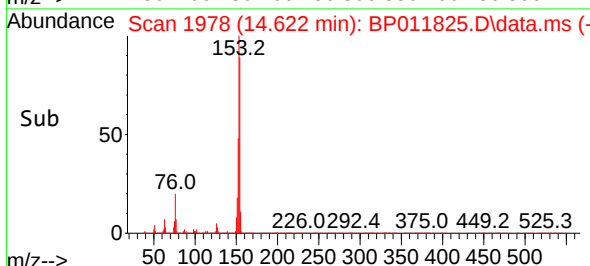
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

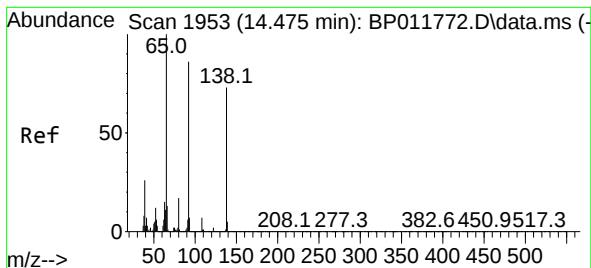


#52
Acenaphthene
Concen: 47.044 ng
RT: 14.622 min Scan# 1978
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39



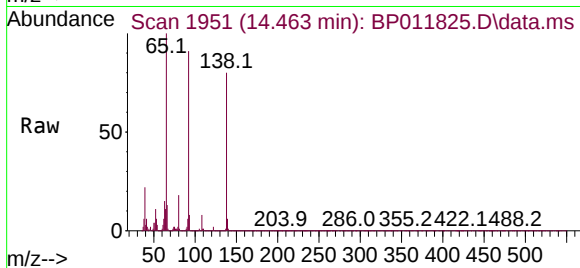
Tgt Ion:154 Resp: 2927535
Ion Ratio Lower Upper
154 100
153 112.4 90.8 136.2
152 54.7 44.6 66.8





#53
3-Nitroaniline
Concen: 36.209 ng
RT: 14.463 min Scan# 1953
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

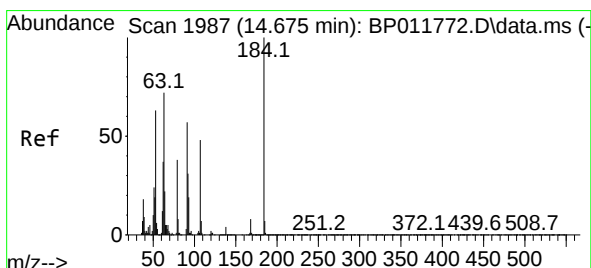
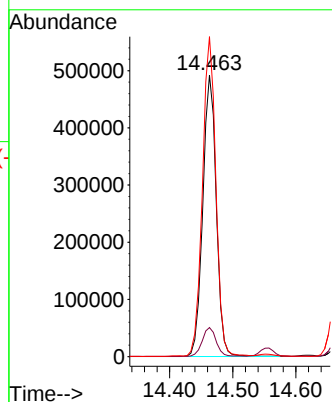
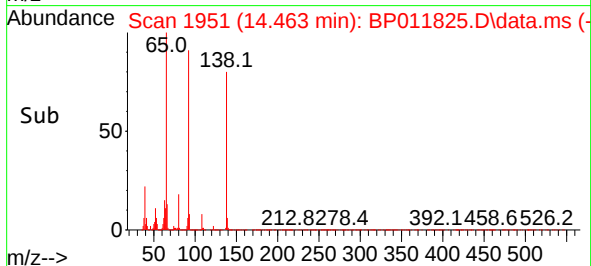
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:138 Resp: 728207
Ion Ratio Lower Upper
138 100
108 10.3 7.6 11.4
92 113.6 94.6 142.0

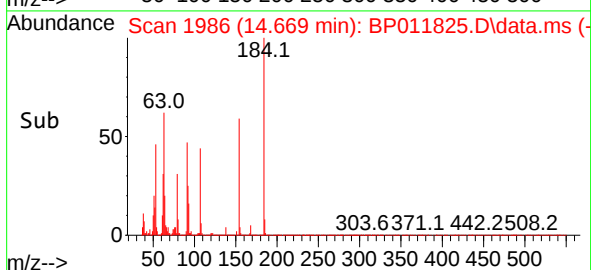
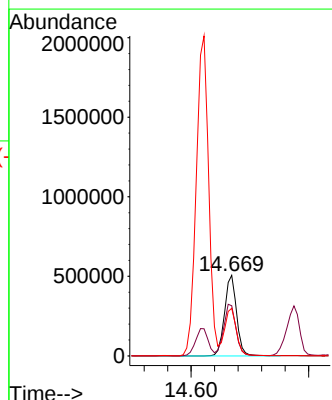
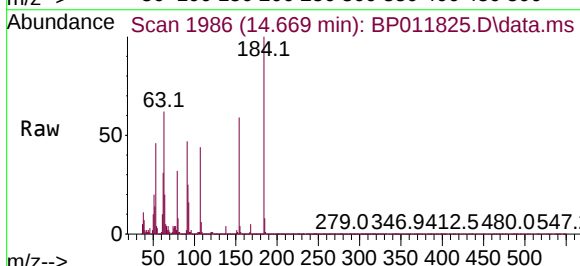
Manual Integrations
APPROVED

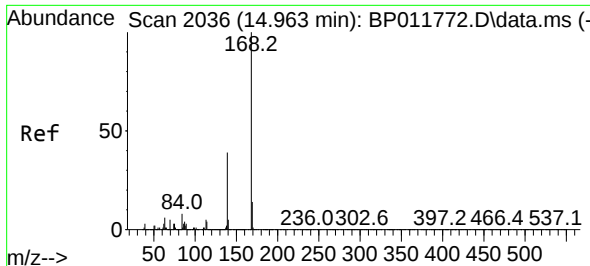
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#54
2,4-Dinitrophenol
Concen: 82.535 ng
RT: 14.669 min Scan# 1986
Delta R.T. 0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

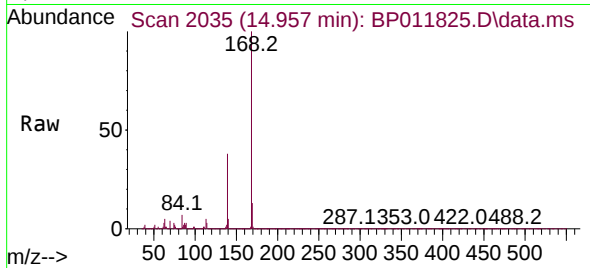
Tgt Ion:184 Resp: 717795
Ion Ratio Lower Upper
184 100
63 62.2 65.7 98.5#
154 59.2 48.2 72.4





#55
Dibenzofuran
Concen: 47.222 ng
RT: 14.957 min Scan# 2035
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

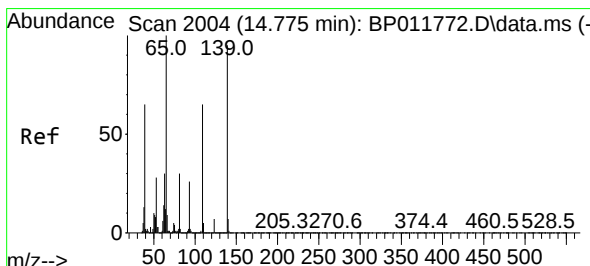
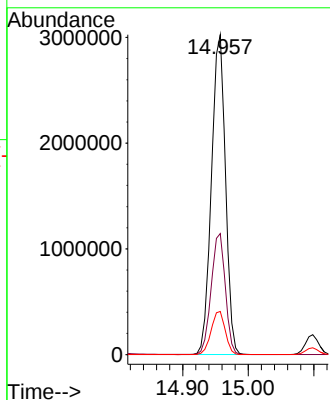
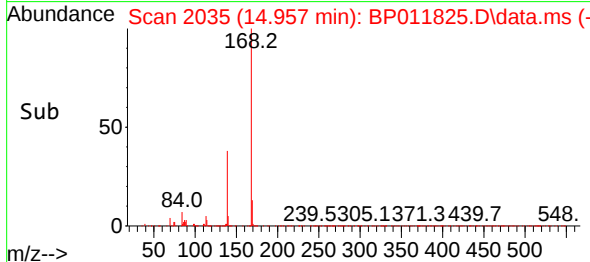
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:168 Resp: 4504063
Ion Ratio Lower Upper
168 100
139 37.8 31.3 46.9
169 13.5 11.0 16.4

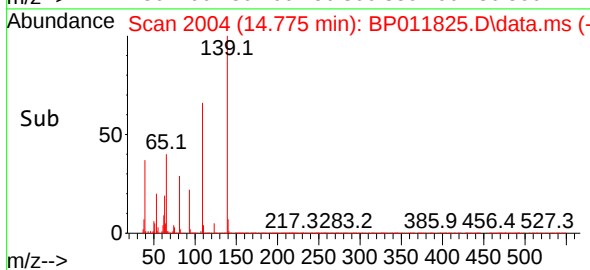
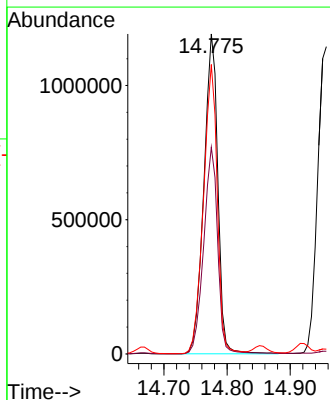
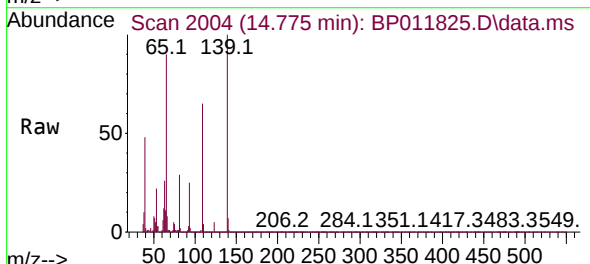
Manual Integrations
APPROVED

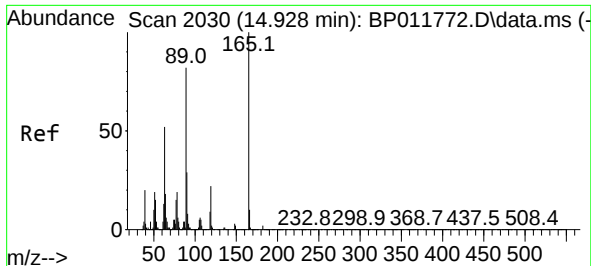
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#56
4-Nitrophenol
Concen: 109.500 ng
RT: 14.775 min Scan# 2004
Delta R.T. 0.012 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

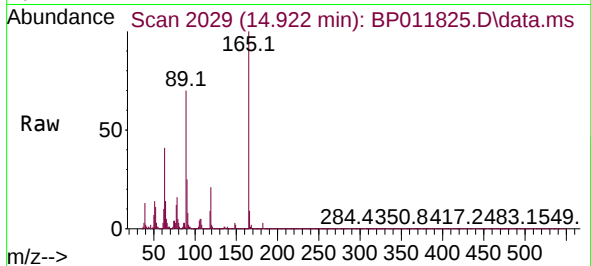
Tgt Ion:139 Resp: 1828790
Ion Ratio Lower Upper
139 100
109 64.6 48.3 88.3
65 90.4 85.0 125.0





#57
2,4-Dinitrotoluene
Concen: 47.551 ng
RT: 14.922 min Scan# 2030
Delta R.T. 0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

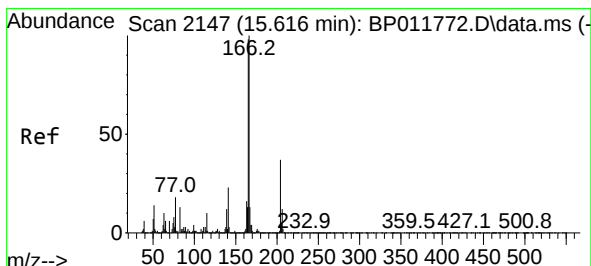
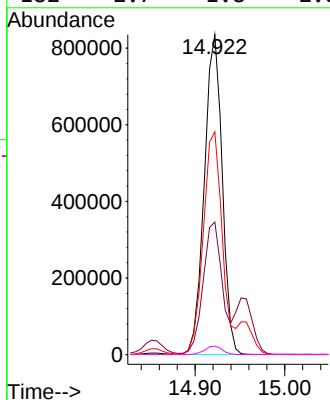
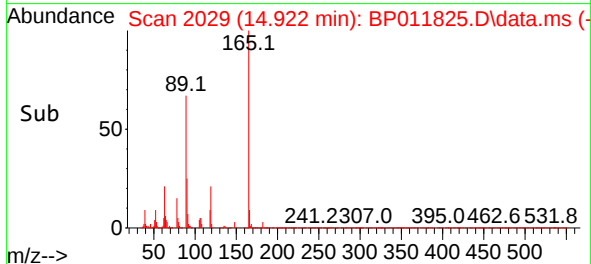
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:165 Resp: 1159156
Ion Ratio Lower Upper
165 100
63 41.5 41.4 62.2
89 69.6 66.0 99.0
182 2.7 1.8 2.8

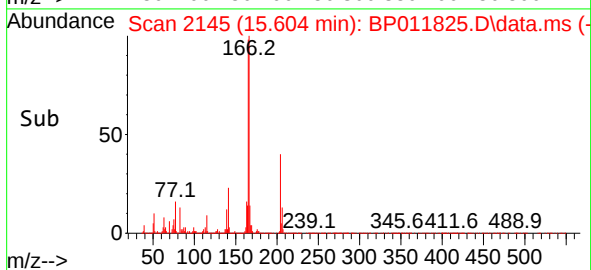
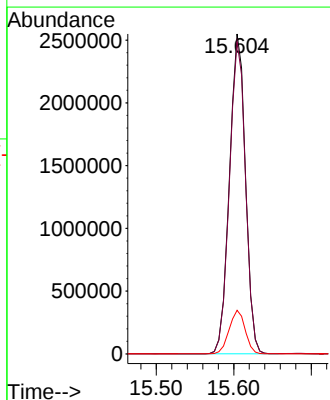
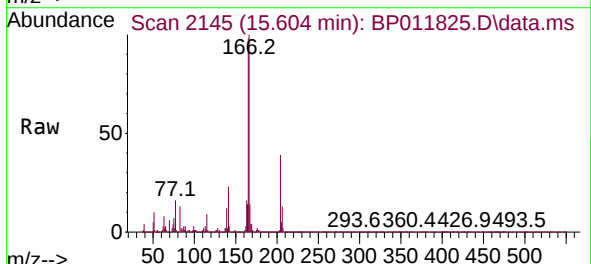
Manual Integrations
APPROVED

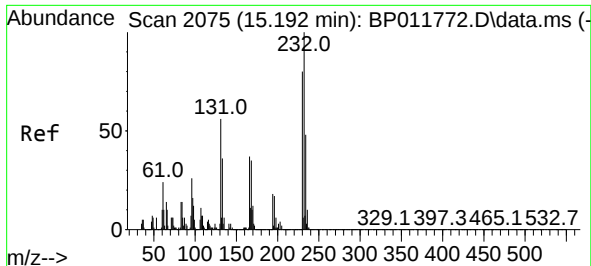
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#58
Fluorene
Concen: 45.375 ng
RT: 15.604 min Scan# 2145
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

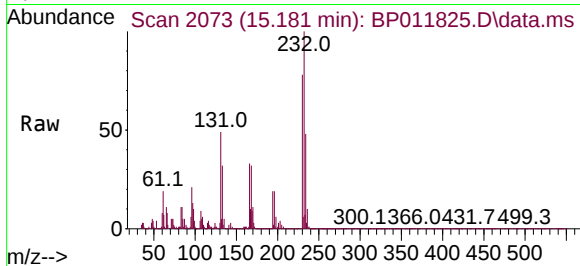
Tgt Ion:166 Resp: 3671727
Ion Ratio Lower Upper
166 100
165 97.5 78.2 117.4
167 13.6 10.7 16.1





#59
2,3,4,6-Tetrachlorophenol
Concen: 58.682 ng m
RT: 15.181 min Scan# 2073
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

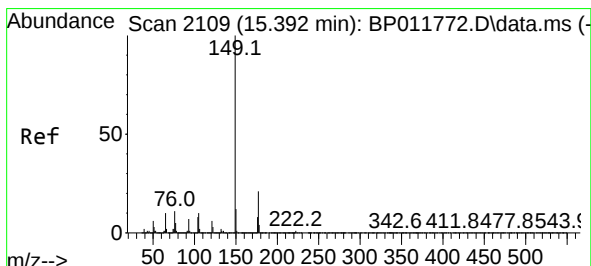
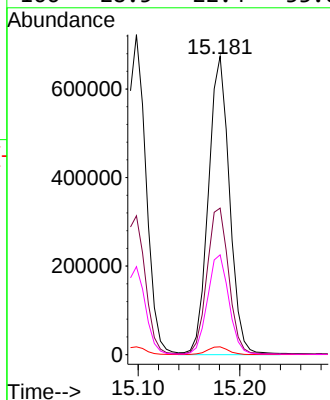
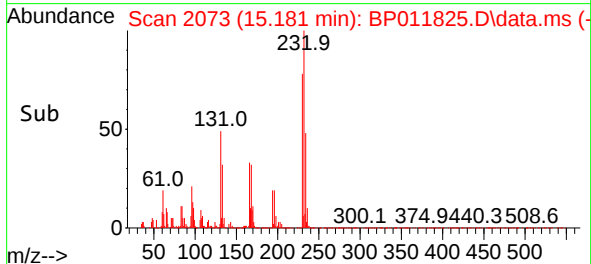
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



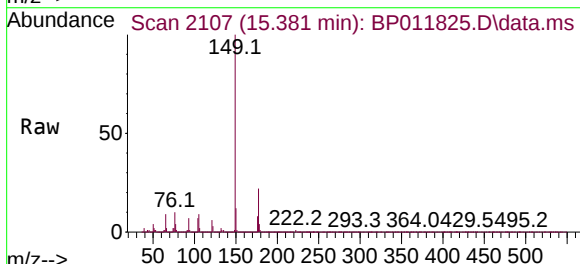
Tgt Ion:232 Resp: 974480
Ion Ratio Lower Upper
232 100
131 46.2 39.5 59.3
130 2.6 2.3 3.5
166 28.5 22.4 33.6

Manual Integrations
APPROVED

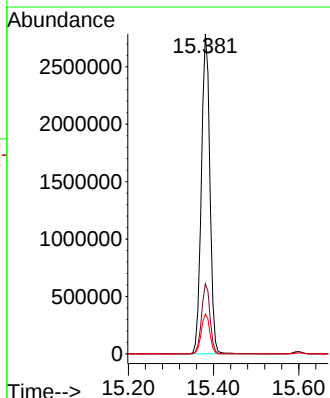
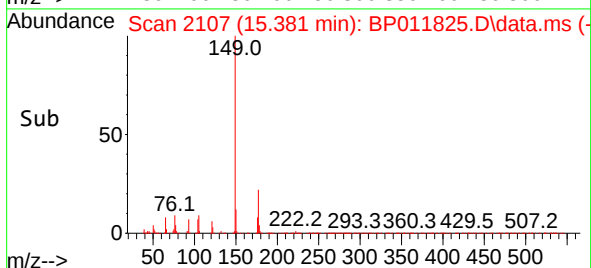
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

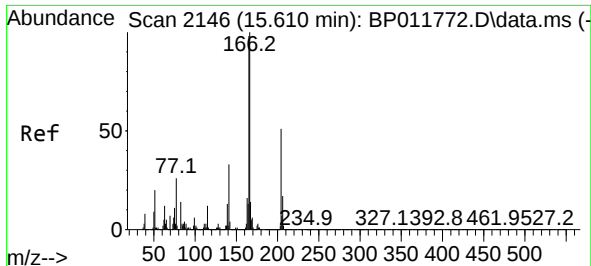


#60
Diethylphthalate
Concen: 46.462 ng
RT: 15.381 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39



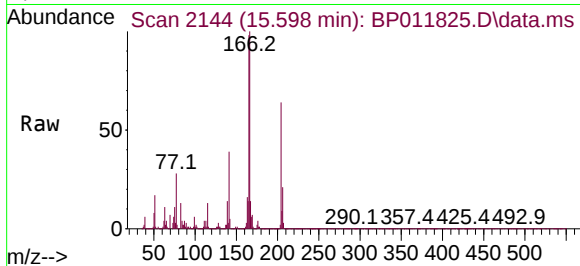
Tgt Ion:149 Resp: 3858332
Ion Ratio Lower Upper
149 100
177 21.9 16.9 25.3
150 12.4 9.8 14.8





#61
4-Chlorophenyl-phenylether
Concen: 50.620 ng
RT: 15.598 min Scan# 2146
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

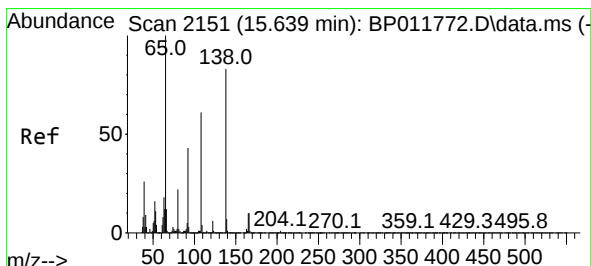
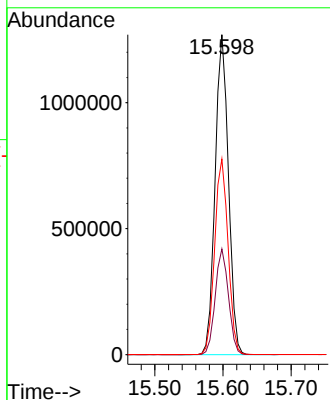
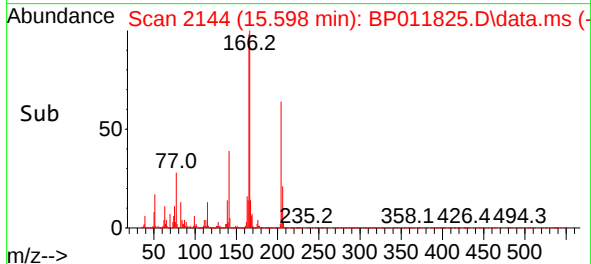
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



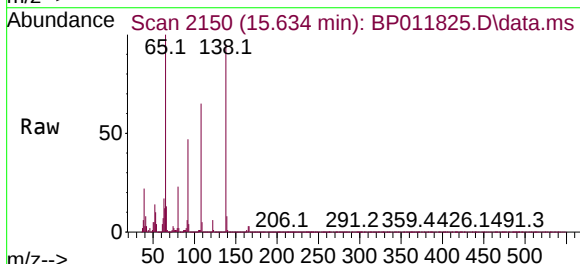
Tgt Ion:204 Resp: 1712579
Ion Ratio Lower Upper
204 100
206 33.0 26.2 39.4
141 61.1 51.4 77.2

Manual Integrations
APPROVED

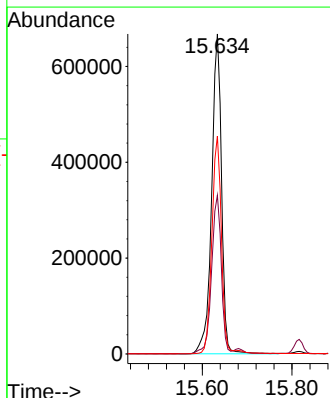
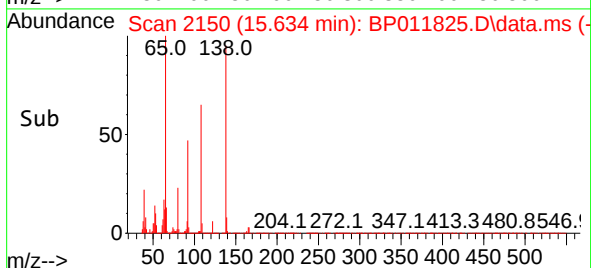
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

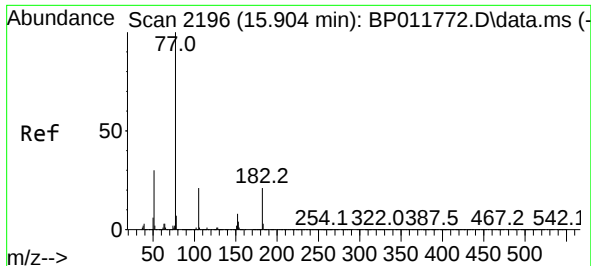


#62
4-Nitroaniline
Concen: 43.744 ng
RT: 15.634 min Scan# 2150
Delta R.T. 0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39



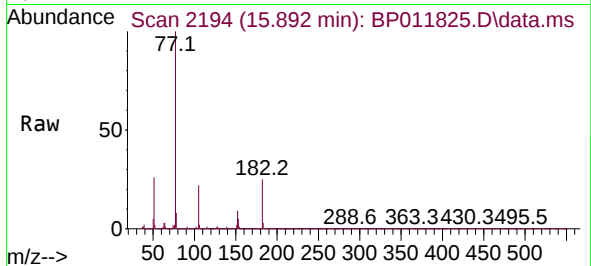
Tgt Ion:138 Resp: 1023378
Ion Ratio Lower Upper
138 100
92 49.6 31.9 71.9
108 68.1 53.3 93.3





#63
Azobenzene
Concen: 40.551 ng
RT: 15.892 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

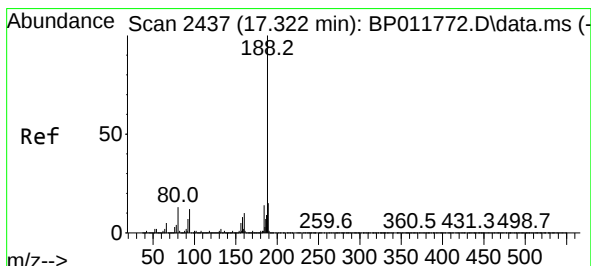
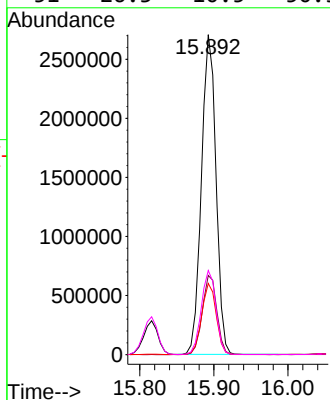
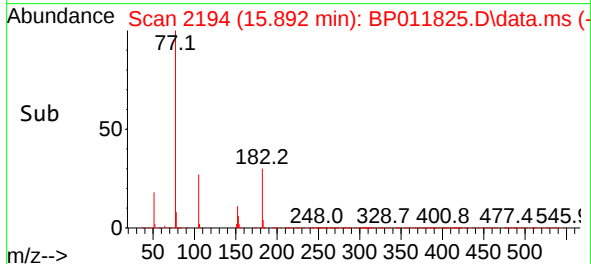
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



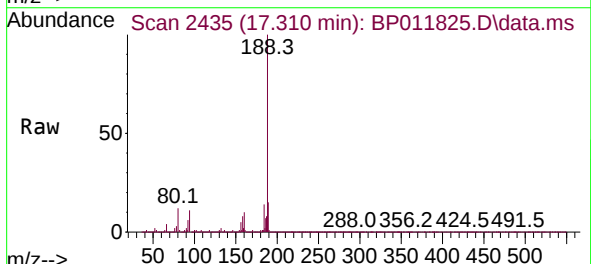
Tgt Ion: 77 Resp: 3687295
Ion Ratio Lower Upper
77 100
182 24.7 1.3 41.3
105 22.2 0.5 40.5
51 26.3 10.5 50.5

Manual Integrations
APPROVED

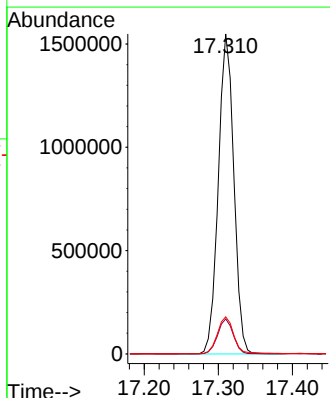
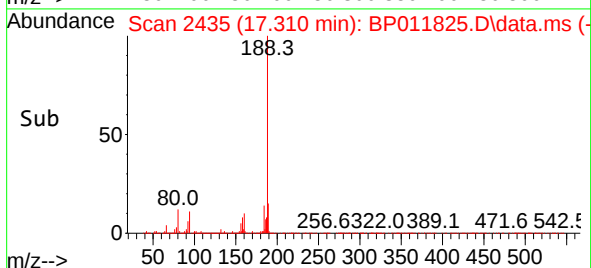
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

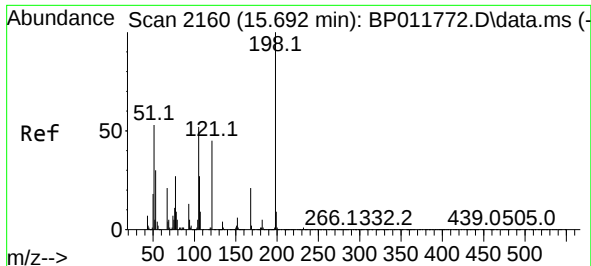


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.310 min Scan# 2435
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39



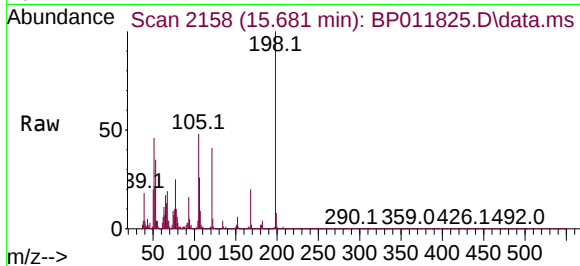
Tgt Ion:188 Resp: 2244450
Ion Ratio Lower Upper
188 100
94 10.9 9.4 14.0
80 11.6 10.6 15.8





#65
4,6-Dinitro-2-methylphenol
Concen: 49.535 ng
RT: 15.681 min Scan# 2160
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

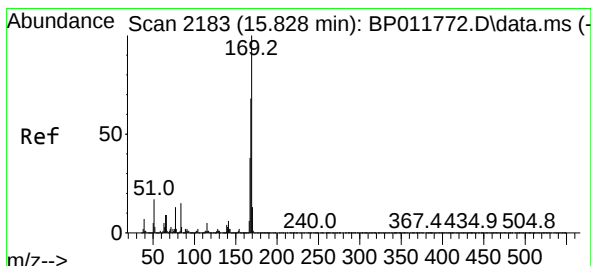
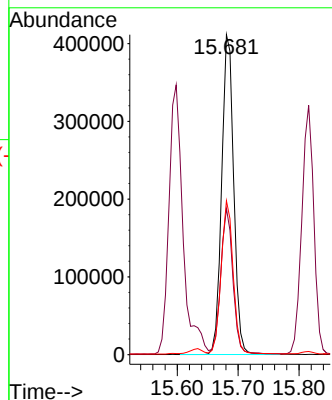
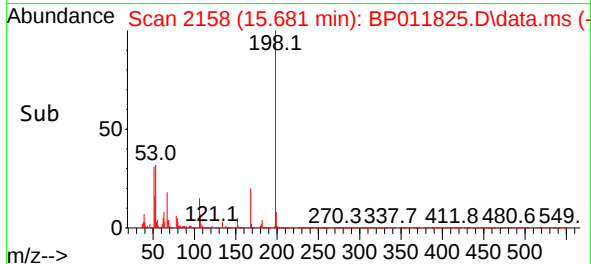
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:198 Resp: 565784
Ion Ratio Lower Upper
198 100
51 45.6 41.6 81.6
105 48.1 33.2 73.2

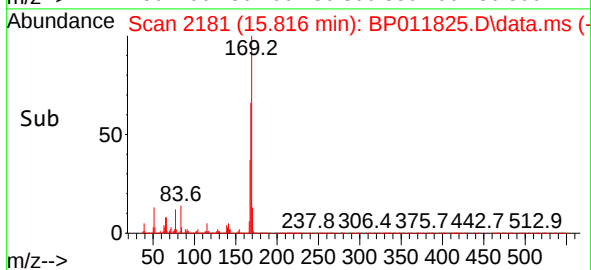
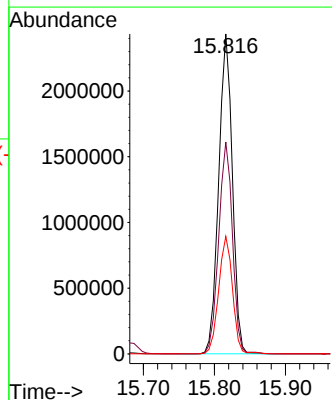
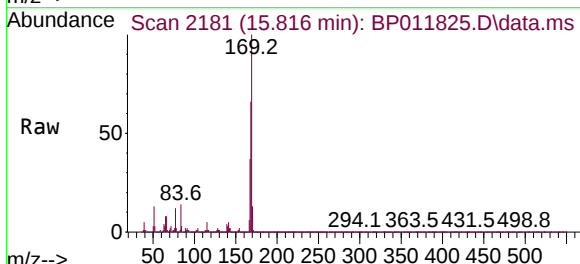
Manual Integrations
APPROVED

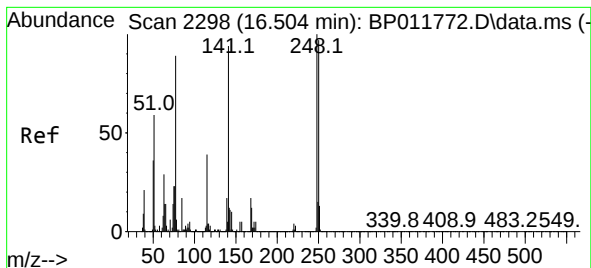
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#66
n-Nitrosodiphenylamine
Concen: 48.776 ng
RT: 15.816 min Scan# 2181
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

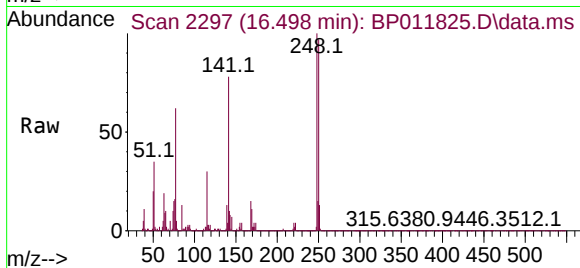
Tgt Ion:169 Resp: 3262000
Ion Ratio Lower Upper
169 100
168 66.2 54.5 81.7
167 36.7 30.1 45.1





#67
4-Bromophenyl-phenylether
Concen: 55.354 ng
RT: 16.498 min Scan# 2116
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

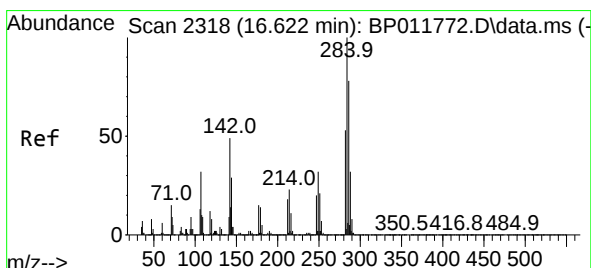
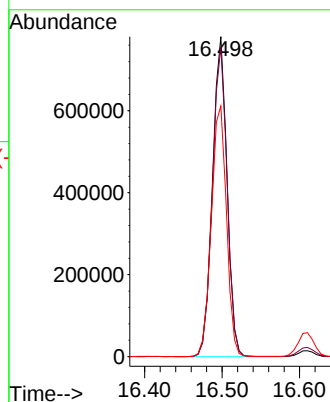
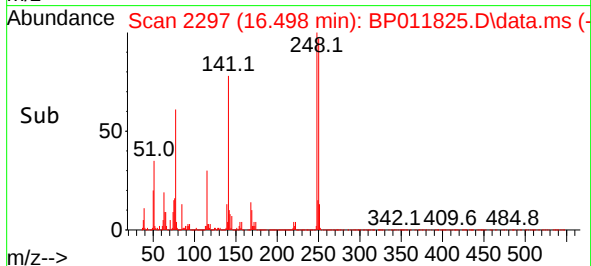
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:248 Resp: 1018863
Ion Ratio Lower Upper
248 100
250 96.8 77.6 116.4
141 78.3 75.4 113.0

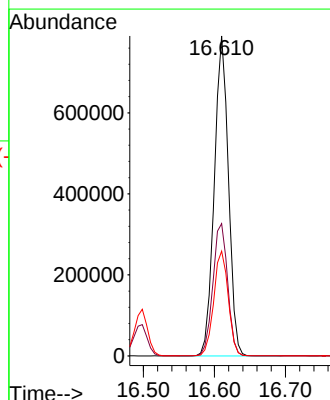
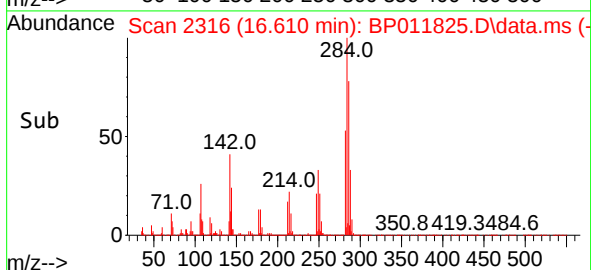
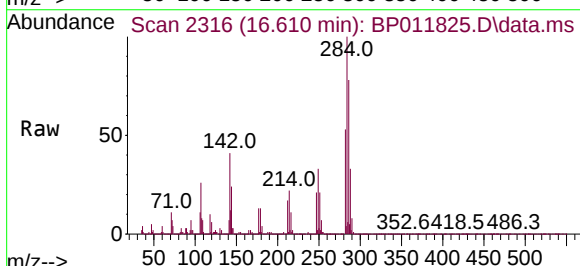
Manual Integrations
APPROVED

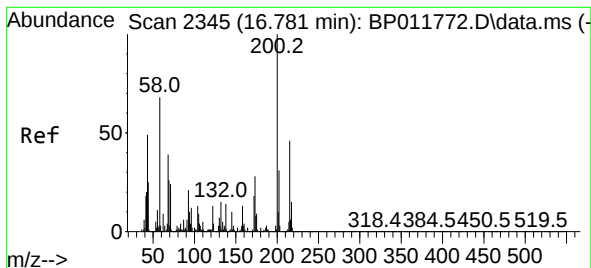
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#68
Hexachlorobenzene
Concen: 55.978 ng
RT: 16.610 min Scan# 2316
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

Tgt Ion:284 Resp: 1094769
Ion Ratio Lower Upper
284 100
142 41.3 39.0 58.4
249 32.7 25.9 38.9





#69

Atrazine

Concen: 60.944 ng

RT: 16.775 min Scan# 2344

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MS

Tgt Ion:200 Resp: 1180250

Ion Ratio Lower Upper

200 100

173 28.1 8.5 48.5

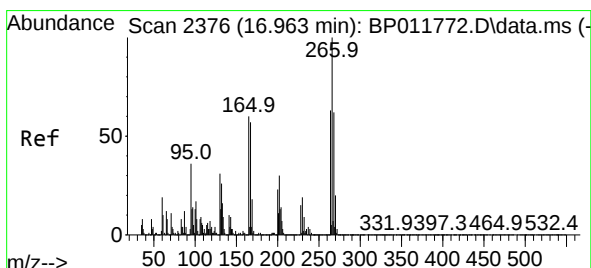
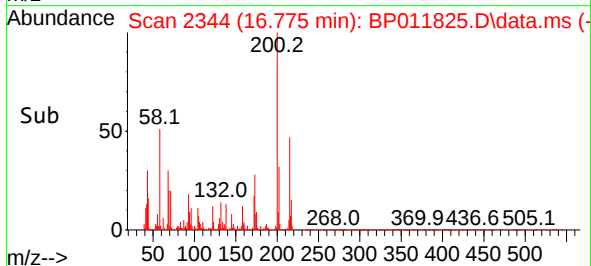
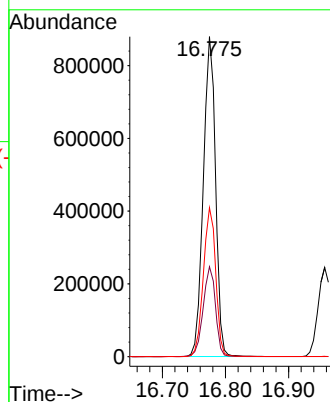
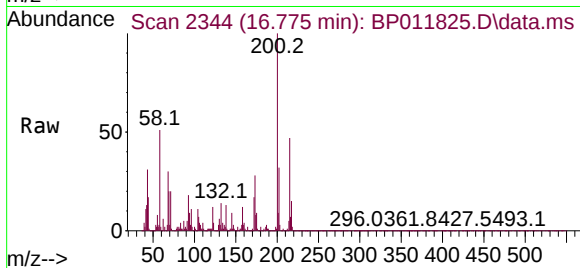
215 46.5 26.3 66.3

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#70

Pentachlorophenol

Concen: 116.484 ng

RT: 16.957 min Scan# 2375

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

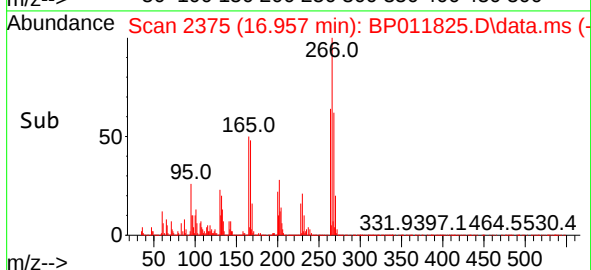
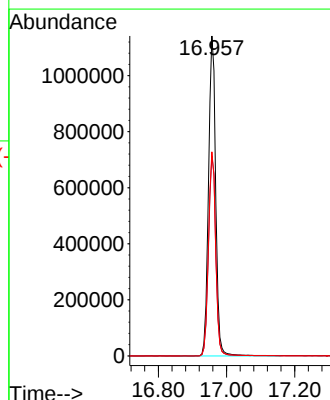
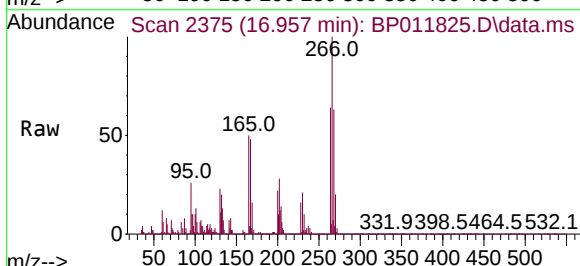
Tgt Ion:266 Resp: 1668708

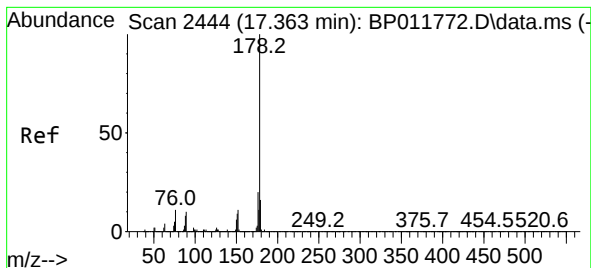
Ion Ratio Lower Upper

266 100

268 62.5 49.7 74.5

264 63.8 50.6 75.8





#71

Phenanthrene

Concen: 46.091 ng

RT: 17.357 min Scan# 2444

Delta R.T. 0.006 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MS

Tgt Ion:178 Resp: 5834636

Ion Ratio Lower Upper

178 100

176 19.9 16.2 24.2

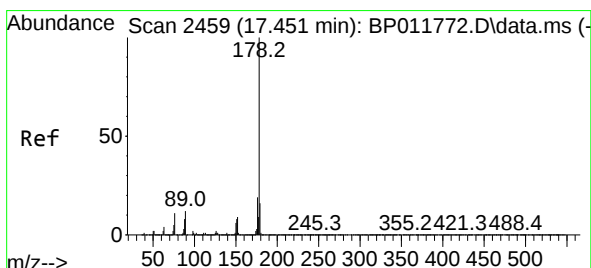
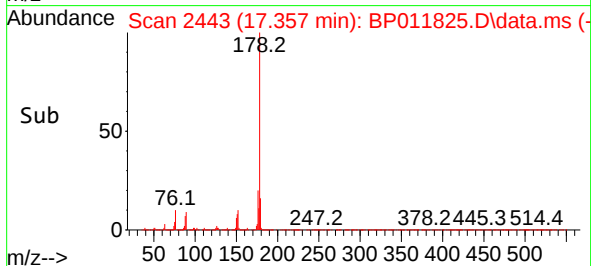
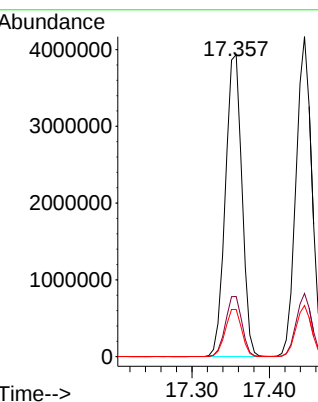
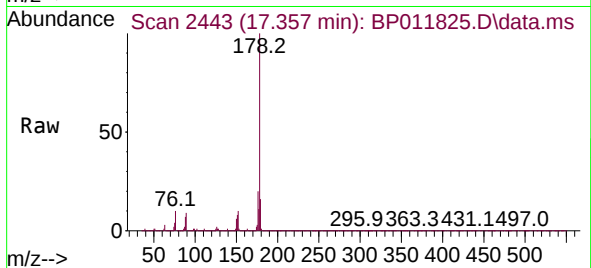
179 15.6 12.6 18.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#72

Anthracene

Concen: 48.806 ng

RT: 17.445 min Scan# 2458

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

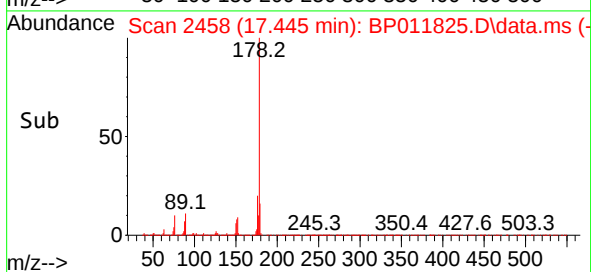
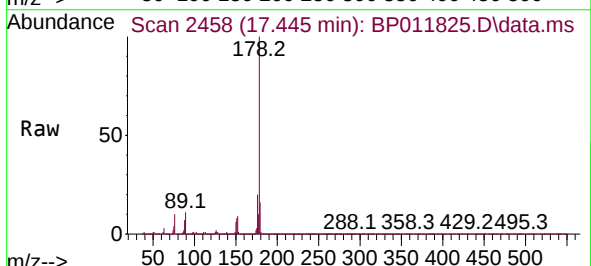
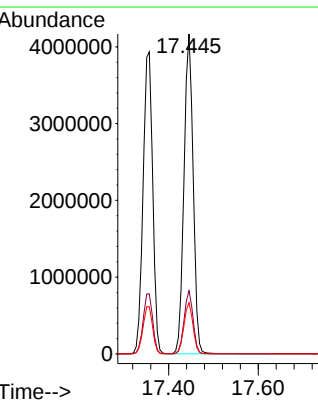
Tgt Ion:178 Resp: 5909253

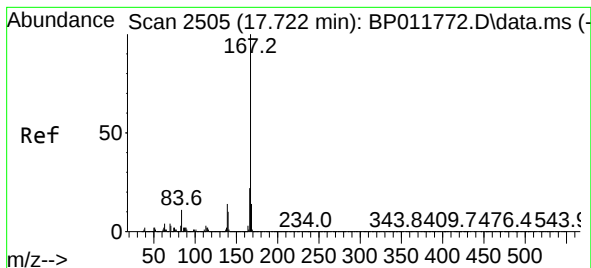
Ion Ratio Lower Upper

178 100

176 19.7 15.5 23.3

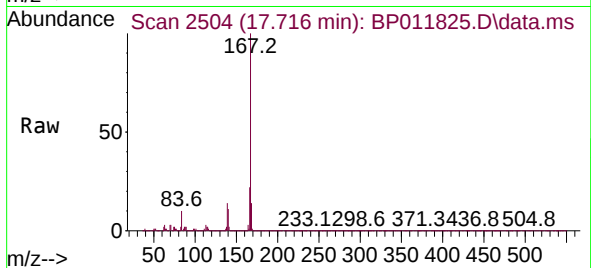
179 16.0 12.7 19.1





#73
 Carbazole
 Concen: 48.895 ng
 RT: 17.716 min Scan# 2504
 Delta R.T. 0.000 min
 Lab File: BP011825.D
 Acq: 27 Sep 2022 20:39

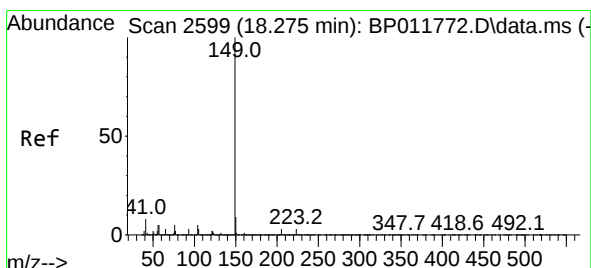
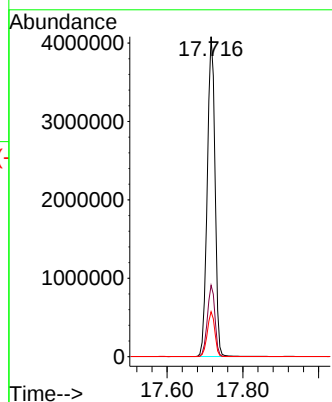
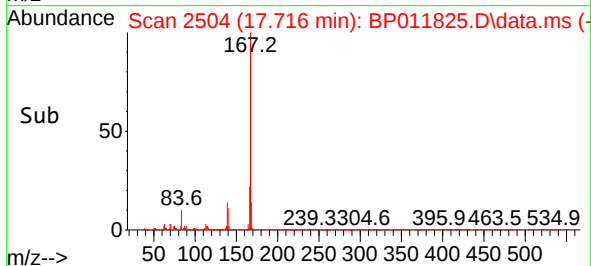
Instrument :
 BNA_P
 ClientSampleId :
 SAND-FILTER-1MS



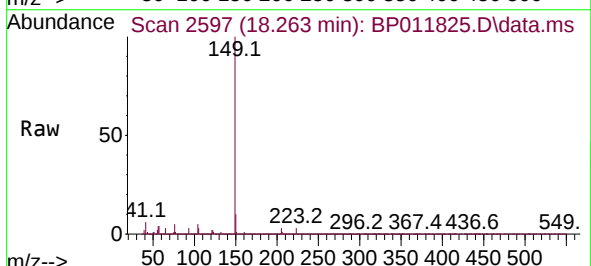
Tgt Ion:167 Resp: 5797958
 Ion Ratio Lower Upper
 167 100
 166 22.3 17.4 26.2
 139 14.0 11.0 16.6

Manual Integrations
 APPROVED

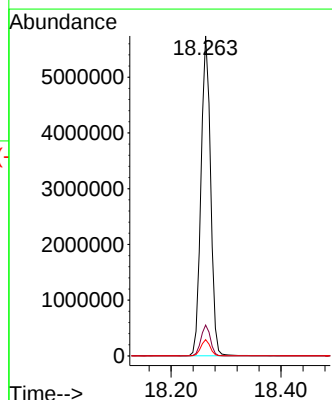
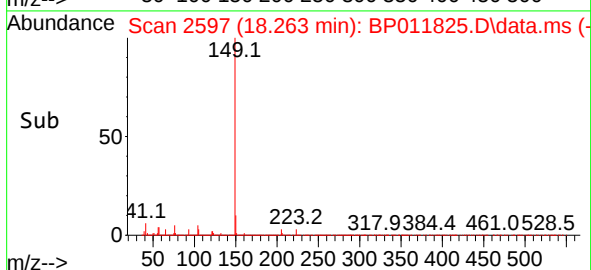
Reviewed By :Christian Giraldo 09/28/2022
 Supervised By :Jagrut Upadhyay 09/28/2022

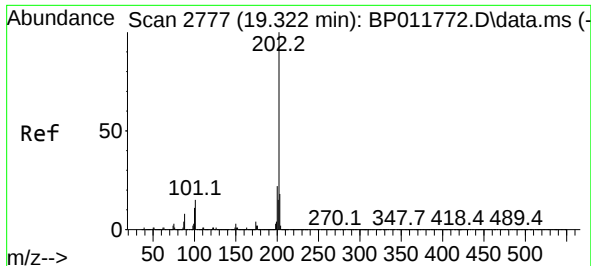


#74
 Di-n-butylphthalate
 Concen: 48.456 ng
 RT: 18.263 min Scan# 2597
 Delta R.T. 0.000 min
 Lab File: BP011825.D
 Acq: 27 Sep 2022 20:39



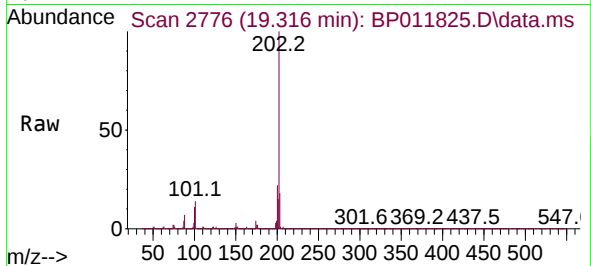
Tgt Ion:149 Resp: 6921224
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.1 4.2 6.4





#75
Fluoranthene
Concen: 48.981 ng
RT: 19.316 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

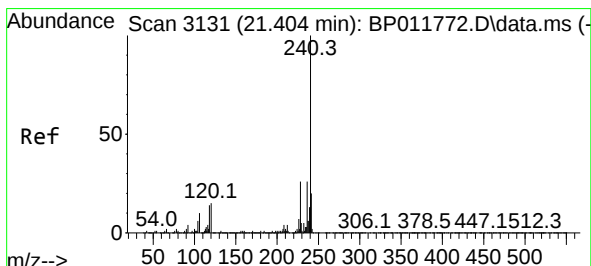
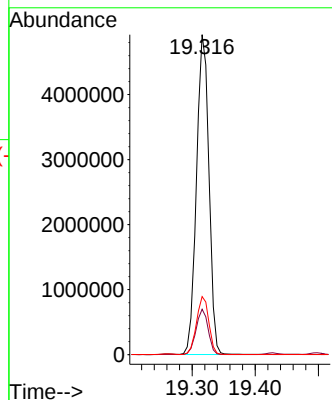
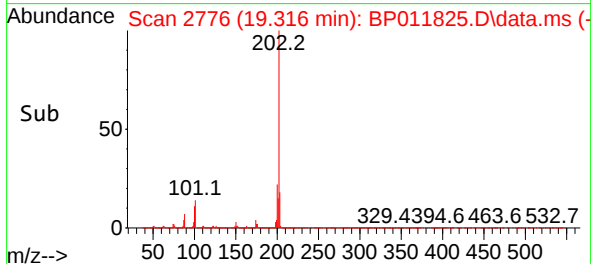
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:202 Resp: 6740749
Ion Ratio Lower Upper
202 100
101 14.2 0.0 35.5
203 18.2 0.0 38.1

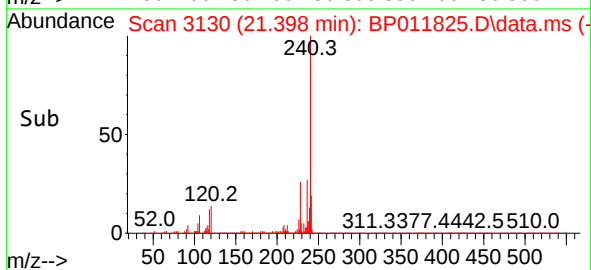
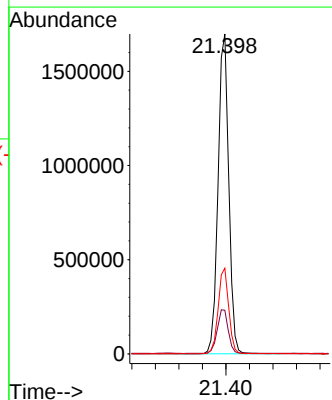
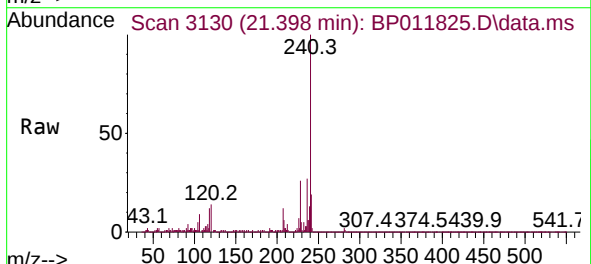
Manual Integrations
APPROVED

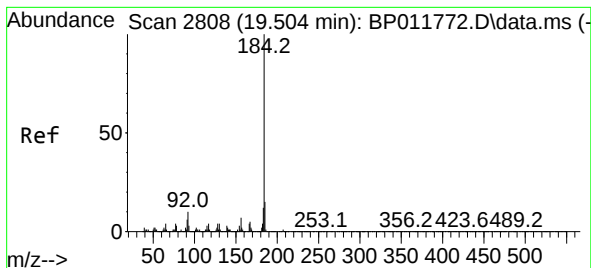
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.398 min Scan# 3130
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

Tgt Ion:240 Resp: 2135207
Ion Ratio Lower Upper
240 100
120 13.6 12.0 18.0
236 26.8 21.1 31.7





#77

Benzidine

Concen: 119.882 ng

RT: 19.498 min Scan# 2807

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MS

Tgt Ion:184 Resp: 4967946

Ion Ratio Lower Upper

184 100

185 14.7 11.7 17.5

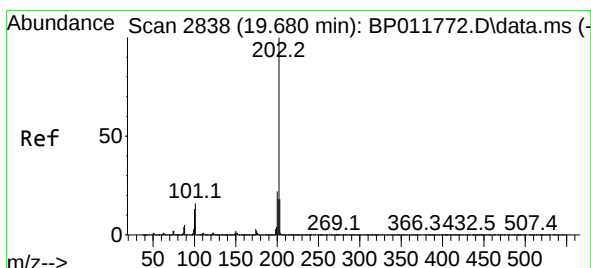
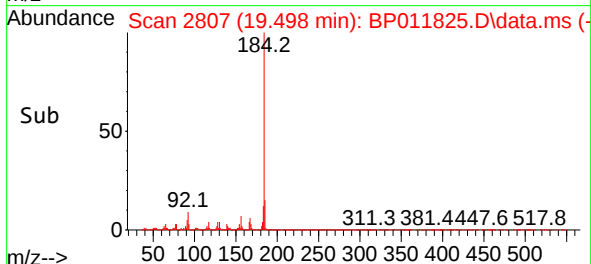
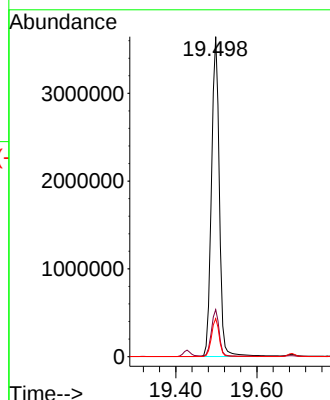
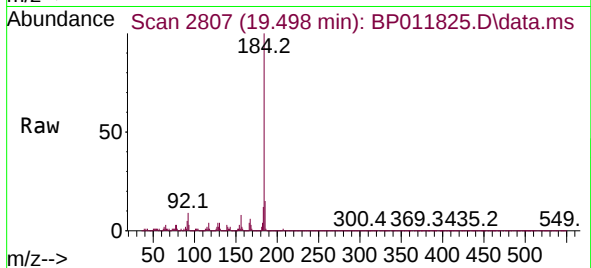
183 11.9 9.3 13.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#78

Pyrene

Concen: 48.518 ng

RT: 19.669 min Scan# 2836

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

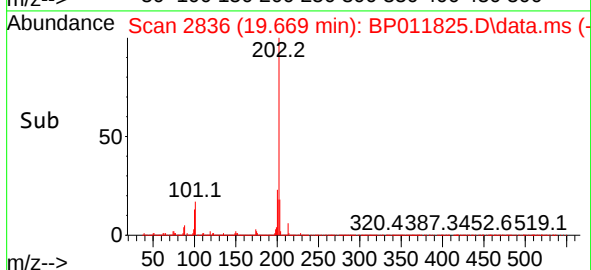
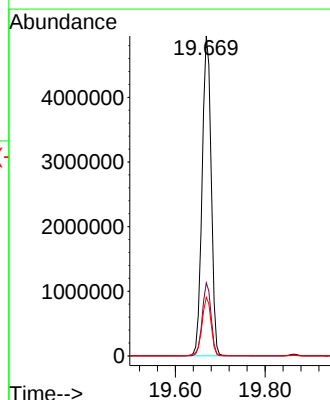
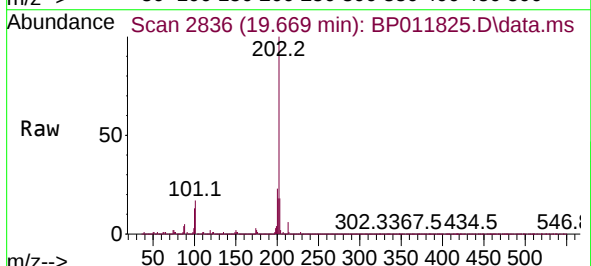
Tgt Ion:202 Resp: 6922309

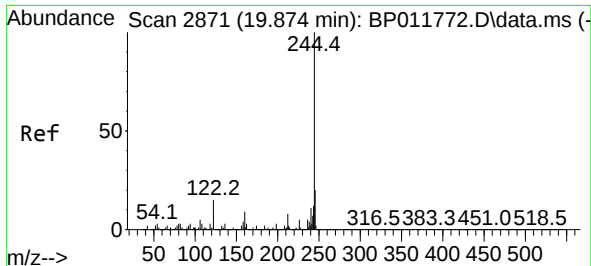
Ion Ratio Lower Upper

202 100

200 22.8 17.8 26.6

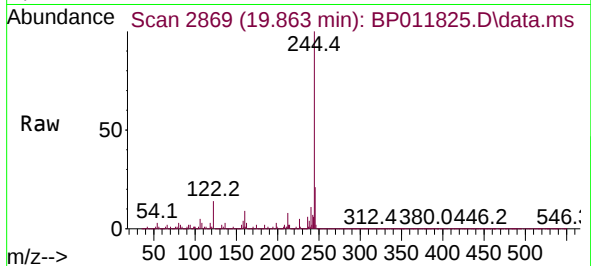
203 18.3 14.3 21.5





#79
Terphenyl-d14
Concen: 88.151 ng
RT: 19.863 min Scan# 2869
Delta R.T. -0.006 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

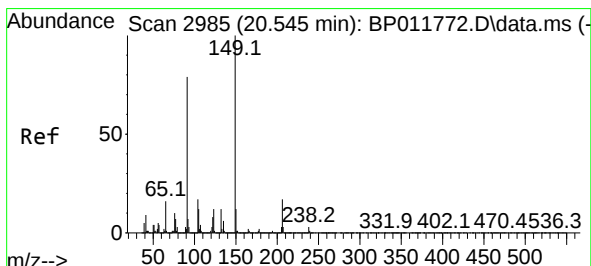
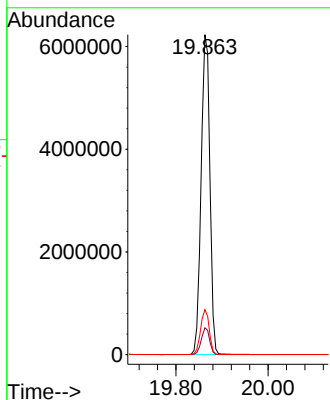
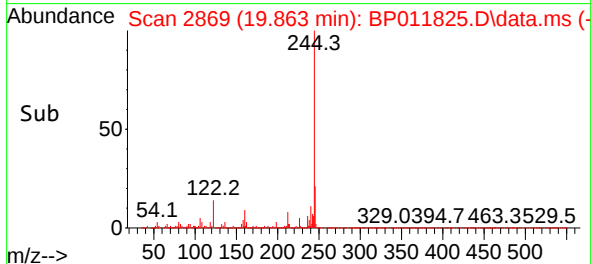
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



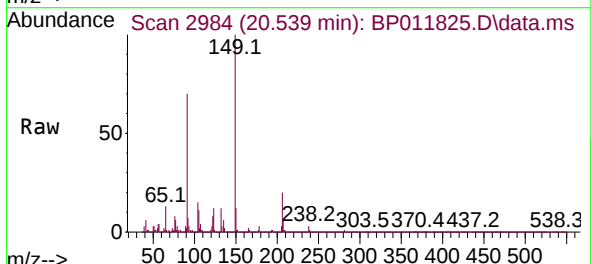
Tgt Ion:244 Resp: 8185836
Ion Ratio Lower Upper
244 100
212 8.4 6.5 9.7
122 14.0 11.8 17.8

Manual Integrations
APPROVED

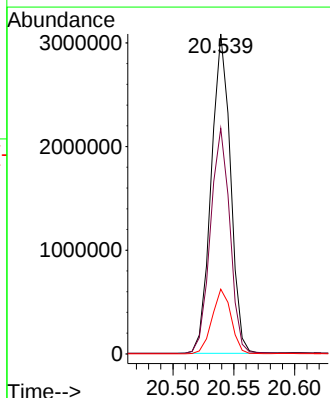
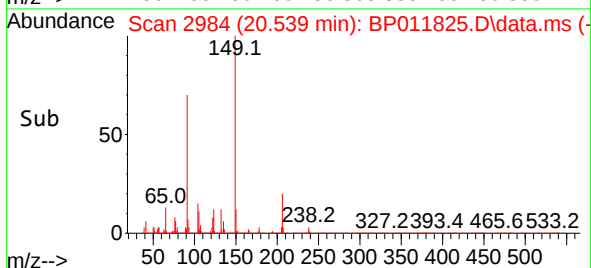
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022

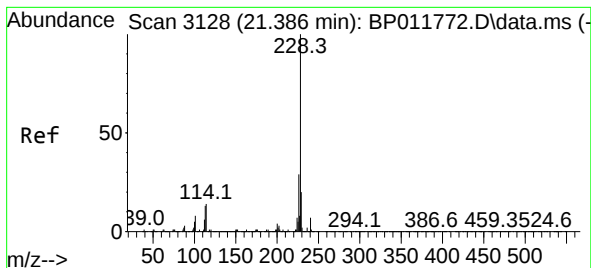


#80
Butylbenzylphthalate
Concen: 48.882 ng
RT: 20.539 min Scan# 2984
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39



Tgt Ion:149 Resp: 3396039
Ion Ratio Lower Upper
149 100
91 70.5 63.1 94.7
206 20.2 13.6 20.4





#81

Benzo(a)anthracene

Concen: 48.321 ng

RT: 21.380 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MS

Tgt Ion:228 Resp: 6807475

Ion Ratio Lower Upper

228 100

226 29.8 23.1 34.7

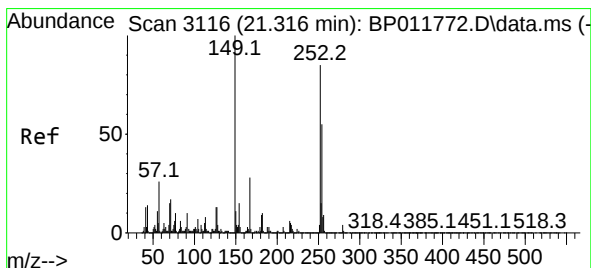
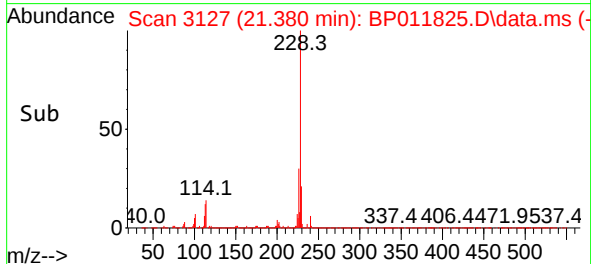
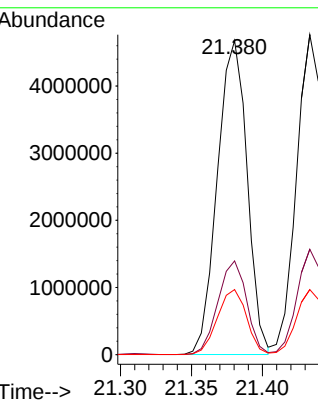
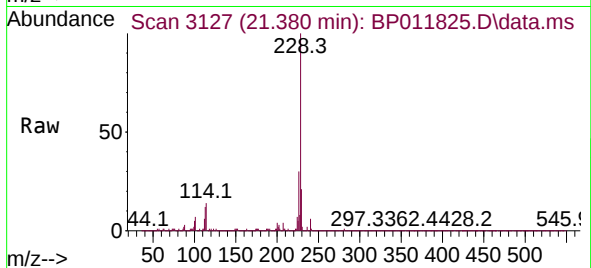
229 20.7 16.3 24.5

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#82

3,3'-Dichlorobenzidine

Concen: 25.252 ng

RT: 21.310 min Scan# 3115

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

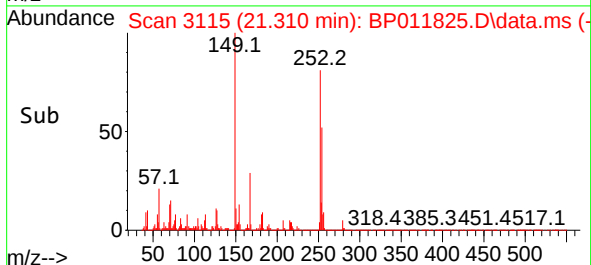
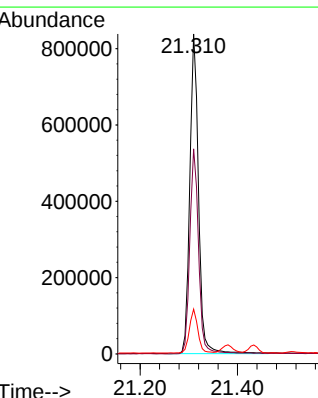
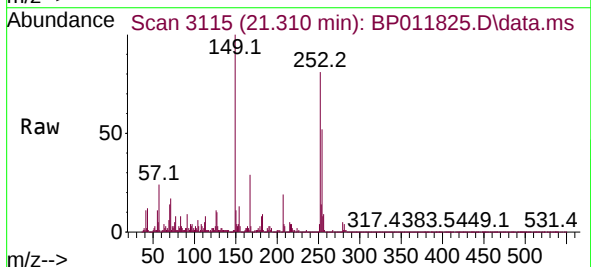
Tgt Ion:252 Resp: 1037507

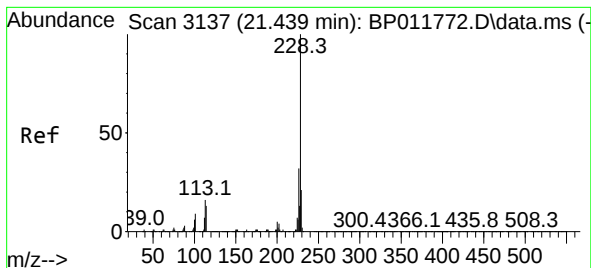
Ion Ratio Lower Upper

252 100

254 64.1 51.4 77.2

126 14.0 12.6 18.8





#83

Chrysene

Concen: 48.186 ng

RT: 21.433 min Scan# 3137

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MS

Tgt Ion:228 Resp: 643225

Ion Ratio Lower Upper

228 100

226 32.9 25.5 38.3

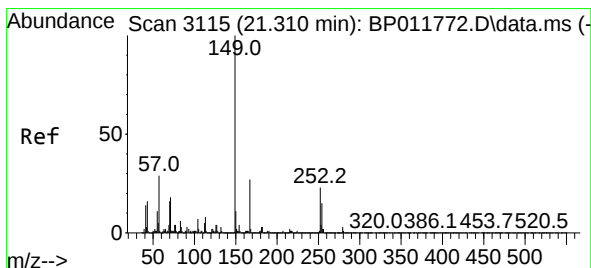
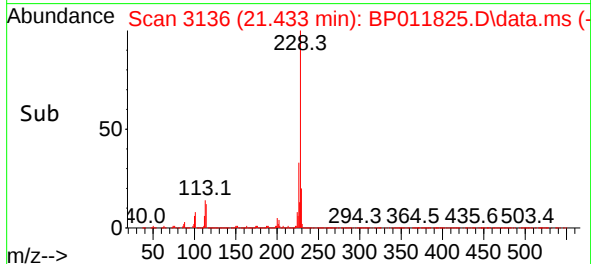
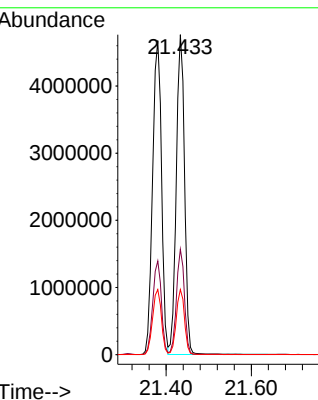
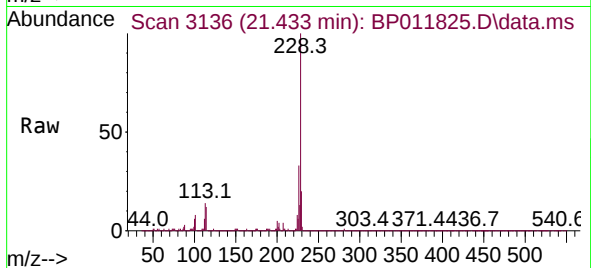
229 20.3 16.4 24.6

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.935 ng

RT: 21.298 min Scan# 3113

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

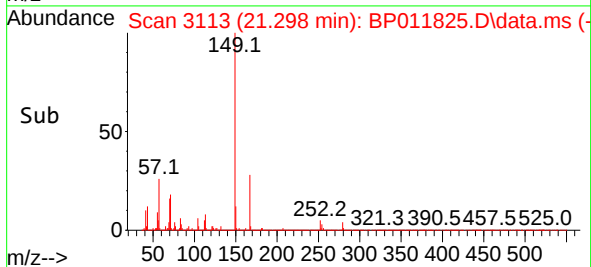
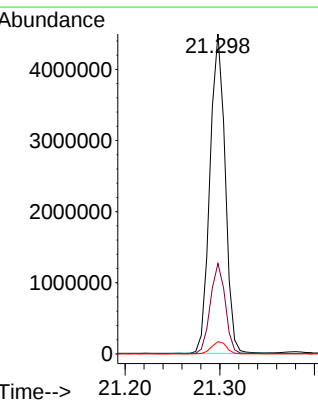
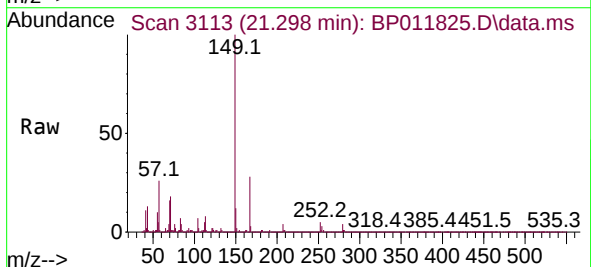
Tgt Ion:149 Resp: 4996690

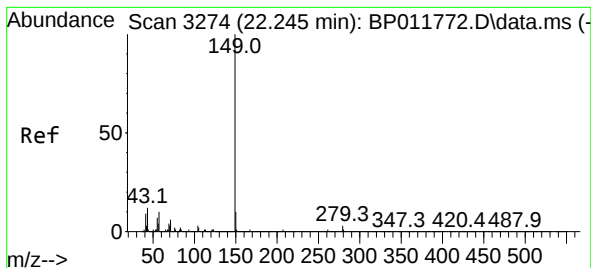
Ion Ratio Lower Upper

149 100

167 28.3 21.8 32.6

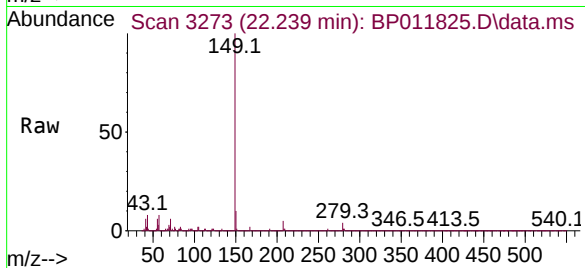
279 3.9 2.5 3.7#





#85
Di-n-octyl phthalate
Concen: 53.828 ng
RT: 22.239 min Scan# 31
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

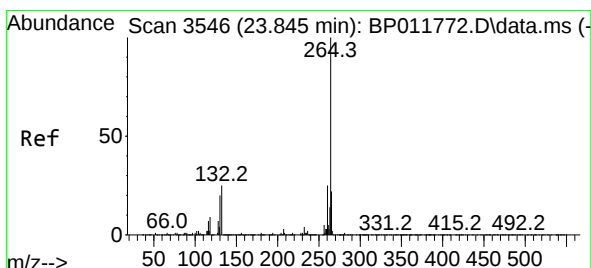
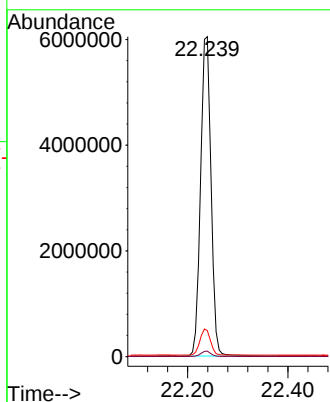
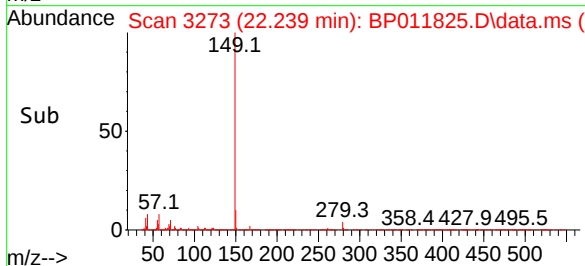
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion:149 Resp: 8762832
Ion Ratio Lower Upper
149 100
167 1.6 1.2 1.8
43 8.2 9.4 14.0

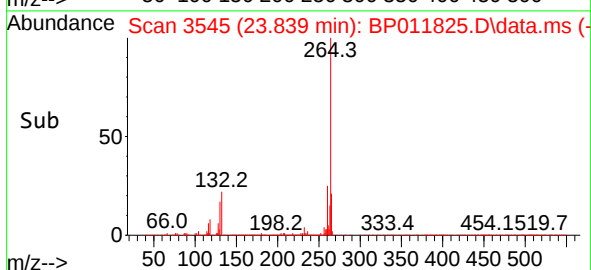
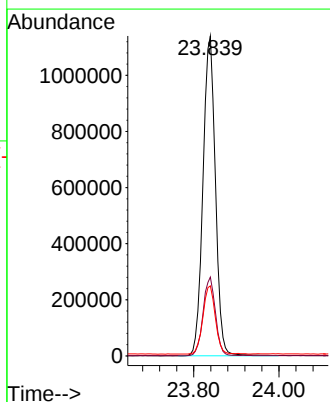
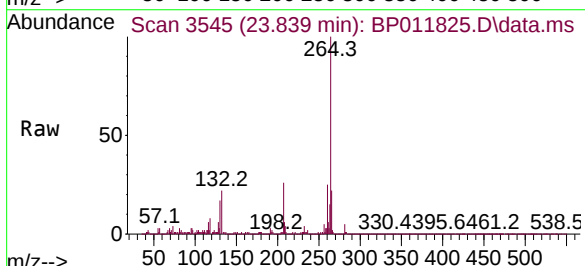
Manual Integrations
APPROVED

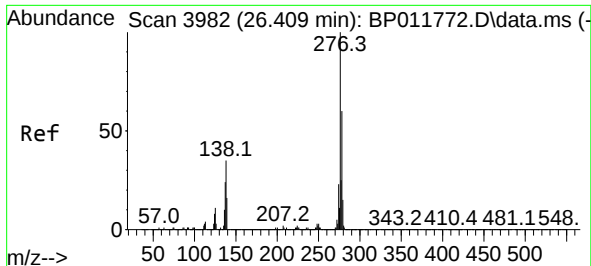
Reviewed By :Christian Giraldo 09/28/2022
Supervised By :Jagrut Upadhyay 09/28/2022



#86
Perylene-d12
Concen: 20.000 ng
RT: 23.839 min Scan# 3545
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

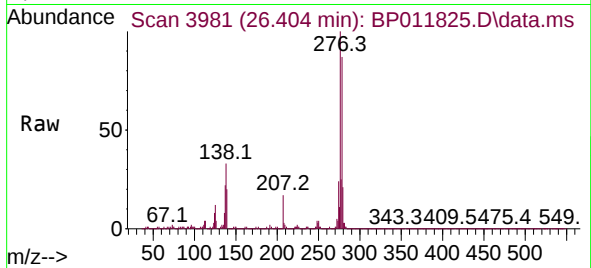
Tgt Ion:264 Resp: 2306451
Ion Ratio Lower Upper
264 100
260 24.6 19.7 29.5
265 21.9 17.8 26.8





#87
Indeno(1,2,3-cd)pyrene
Concen: 40.612 ng
RT: 26.404 min Scan# 3982
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

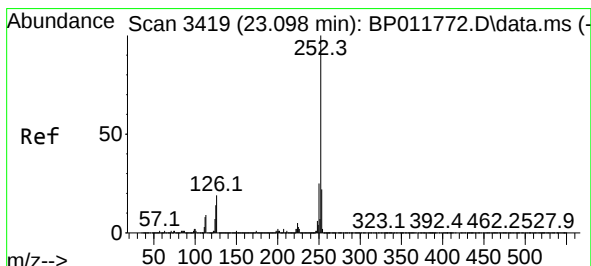
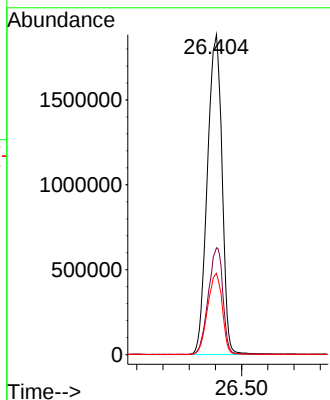
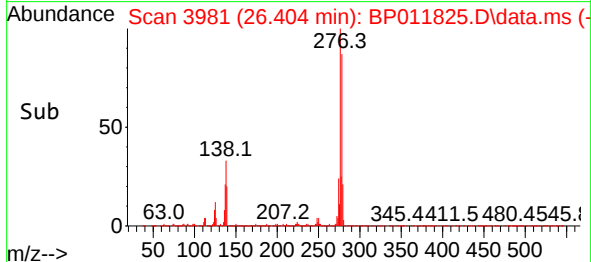
Instrument :
BNA_P
ClientSampleId :
SAND-FILTER-1MS



Tgt Ion: 276 Resp: 7329429
Ion Ratio Lower Upper
276 100
138 33.0 29.7 44.5
277 25.3 20.2 30.2

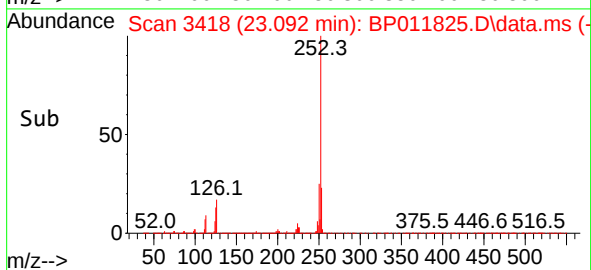
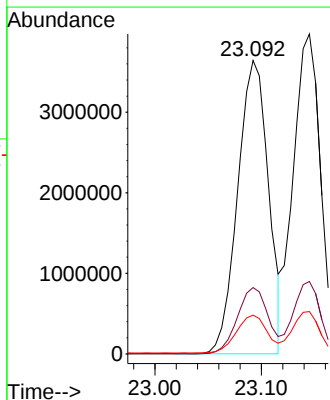
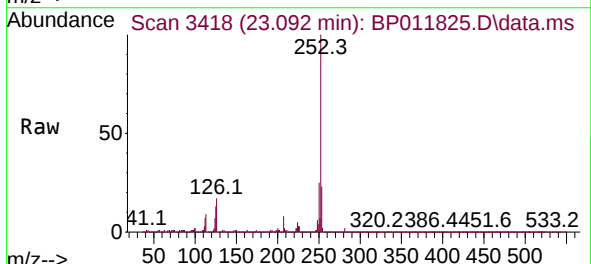
Manual Integrations
APPROVED

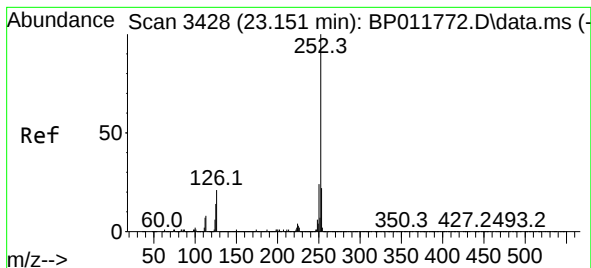
Reviewed By : Christian Giraldo 09/28/2022
Supervised By : Jagrut Upadhyay 09/28/2022



#88
Benzo(b)fluoranthene
Concen: 50.966 ng
RT: 23.092 min Scan# 3418
Delta R.T. 0.000 min
Lab File: BP011825.D
Acq: 27 Sep 2022 20:39

Tgt Ion: 252 Resp: 7298469
Ion Ratio Lower Upper
252 100
253 22.6 17.9 26.9
125 13.2 11.6 17.4





#89

Benzo(k)fluoranthene

Concen: 48.455 ng

RT: 23.145 min Scan# 3428

Delta R.T. 0.006 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MS

Tgt Ion:252 Resp: 7109882

Ion Ratio Lower Upper

252 100

253 22.6 17.7 26.5

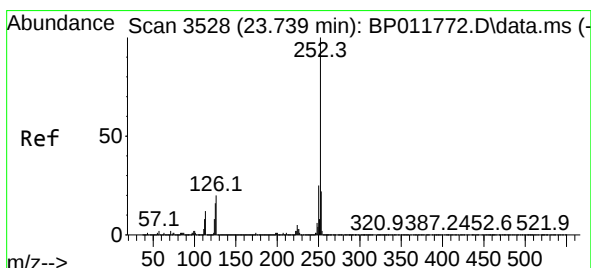
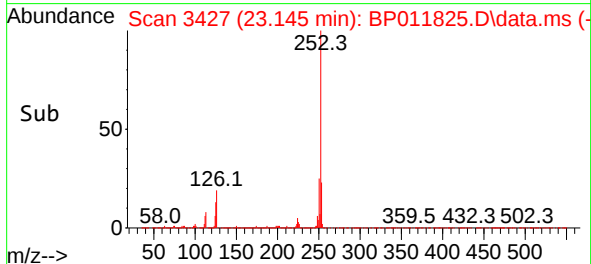
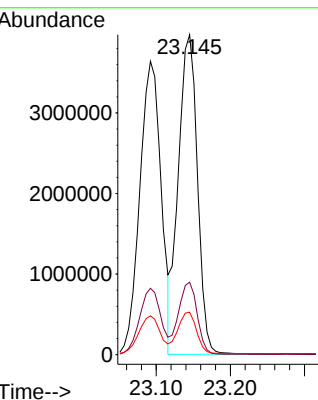
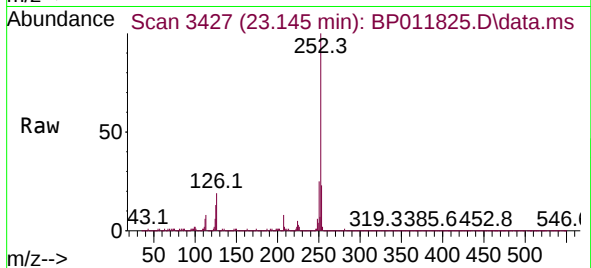
125 13.2 11.2 16.8

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#90

Benzo(a)pyrene

Concen: 53.473 ng

RT: 23.733 min Scan# 3527

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

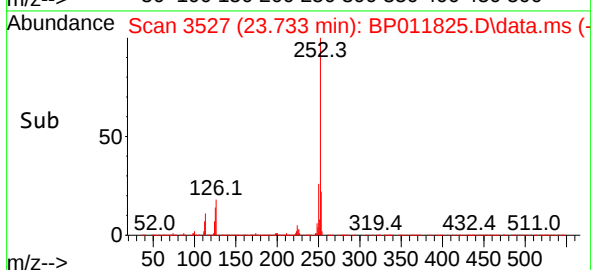
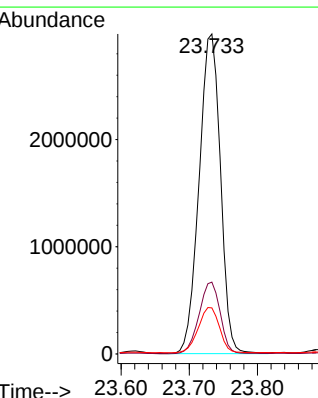
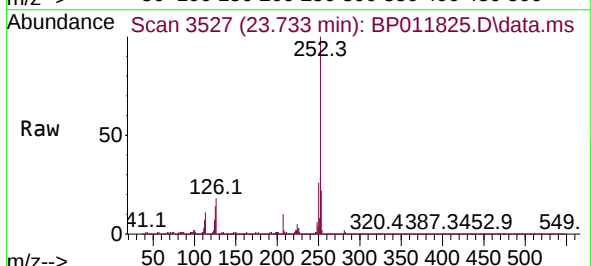
Tgt Ion:252 Resp: 6478576

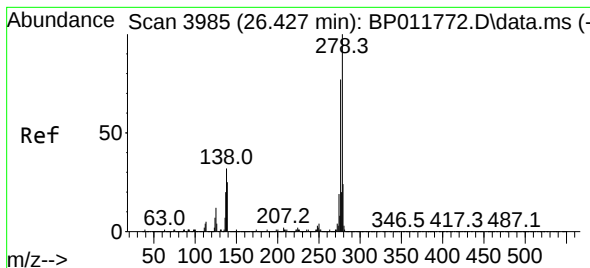
Ion Ratio Lower Upper

252 100

253 22.4 17.7 26.5

125 14.4 12.6 19.0





#91

Dibenzo(a,h)anthracene

Concen: 41.786 ng

RT: 26.421 min Scan# 3985

Delta R.T. 0.000 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

Instrument :

BNA_P

ClientSampleId :

SAND-FILTER-1MS

Tgt Ion:278 Resp: 6261200

Ion Ratio Lower Upper

278 100

139 21.0 19.6 29.4

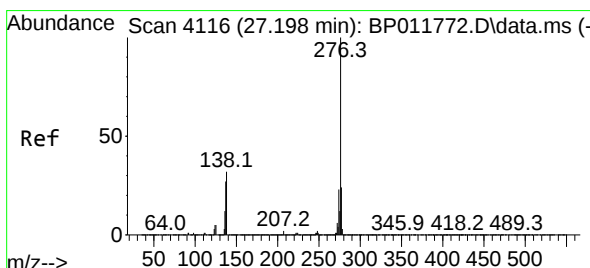
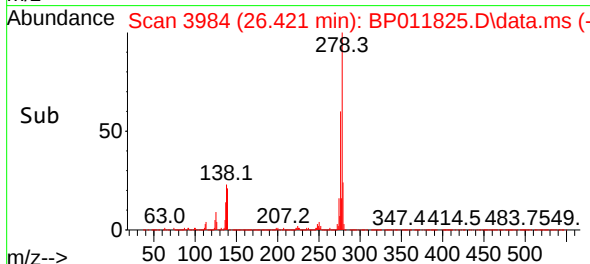
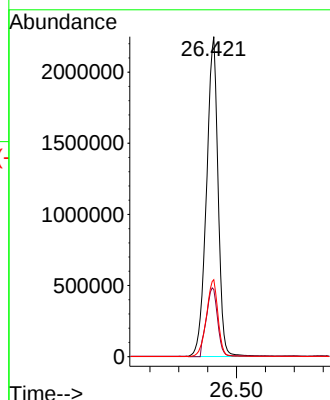
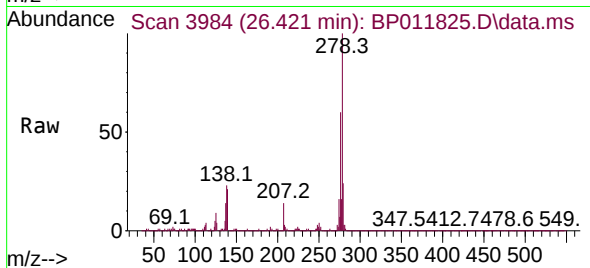
279 24.0 19.3 28.9

Manual Integrations

APPROVED

Reviewed By :Christian Giraldo 09/28/2022

Supervised By :Jagrut Upadhyay 09/28/2022



#92

Benzo(g,h,i)perylene

Concen: 41.740 ng

RT: 27.186 min Scan# 4114

Delta R.T. 0.006 min

Lab File: BP011825.D

Acq: 27 Sep 2022 20:39

Tgt Ion:276 Resp: 6054324

Ion Ratio Lower Upper

276 100

277 24.0 19.3 28.9

138 28.3 25.6 38.4

