

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP022323\
 Data File : BP013882.D
 Acq On : 23 Feb 2023 16:26
 Operator : CG/JU
 Sample : 01633-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 WEIR-TANK-MUDMSD

Quant Time: Feb 24 01:41:52 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP021623.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 24 01:37:56 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.105	152	101102	20.000	ng	0.00
21) Naphthalene-d8	10.928	136	352269	20.000	ng	0.00
39) Acenaphthene-d10	14.740	164	260064	20.000	ng	0.00
64) Phenanthrene-d10	17.492	188	567065	20.000	ng	0.00
76) Chrysene-d12	21.569	240	583596	20.000	ng	0.00
86) Perylene-d12	24.121	264	762804	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.640	112	858310	139.917	ng	0.00
7) Phenol-d6	7.258	99	1063862	135.411	ng	0.00
23) Nitrobenzene-d5	9.275	82	815417	124.997	ng	0.00
42) 2,4,6-Tribromophenol	16.228	330	640233	169.120	ng	0.00
45) 2-Fluorobiphenyl	13.363	172	1919478	96.944	ng	0.00
79) Terphenyl-d14	20.027	244	3335843	109.976	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.493	88	109304	40.994	ng	# 41
3) Pyridine	3.917	79	260773	36.280	ng	99
4) n-Nitrosodimethylamine	3.811	42	141355	52.476	ng	88
6) Aniline	7.422	93	228908	22.424	ng	97
8) 2-Chlorophenol	7.663	128	341807	52.825	ng	99
9) Benzaldehyde	7.234	77	150529	40.272	ng	96
10) Phenol	7.281	94	386993	47.323	ng	92
11) bis(2-Chloroethyl)ether	7.516	93	327738	50.077	ng	98
12) 1,3-Dichlorobenzene	7.993	146	364846	50.146	ng	97
13) 1,4-Dichlorobenzene	8.140	146	365524	49.736	ng	97
14) 1,2-Dichlorobenzene	8.457	146	367548	53.574	ng	99
15) Benzyl Alcohol	8.346	79	338173	61.350	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.634	45	350781	50.177	ng	98
17) 2-Methylphenol	8.546	107	295538	53.107	ng	97
18) Hexachloroethane	9.193	117	128950	50.090	ng	98
19) n-Nitroso-di-n-propyla...	8.916	70	282343	61.402	ng	99
20) 3+4-Methylphenols	8.875	107	405940	54.198	ng	96
22) Acetophenone	8.934	105	570637	64.223	ng	# 98
24) Nitrobenzene	9.322	77	403118	59.216	ng	99
25) Isophorone	9.846	82	705529	56.122	ng	99
26) 2-Nitrophenol	10.034	139	190921	58.851	ng	94
27) 2,4-Dimethylphenol	10.087	122	310871	59.130	ng	96
28) bis(2-Chloroethoxy)met...	10.328	93	400423	49.897	ng	100
29) 2,4-Dichlorophenol	10.569	162	319861	56.706	ng	98
30) 1,2,4-Trichlorobenzene	10.787	180	347287	52.468	ng	100
31) Naphthalene	10.981	128	952934	49.340	ng	99
32) Benzoic acid	10.216	122	222387	53.048	ng	96
33) 4-Chloroaniline	11.093	127	95145	11.732	ng	99
34) Hexachlorobutadiene	11.257	225	247004	56.155	ng	98
35) Caprolactam	11.881	113	83081	46.133	ng	97
36) 4-Chloro-3-methylphenol	12.198	107	382957	60.928	ng	97
37) 2-Methylnaphthalene	12.575	142	743338	53.169	ng	97
38) 1-Methylnaphthalene	12.793	142	681155	52.058	ng	99
40) 1,2,4,5-Tetrachloroben...	12.940	216	451589	48.149	ng	99
41) Hexachlorocyclopentadiene	12.916	237	561453	112.699	ng	98
43) 2,4,6-Trichlorophenol	13.175	196	320931	54.699	ng	99

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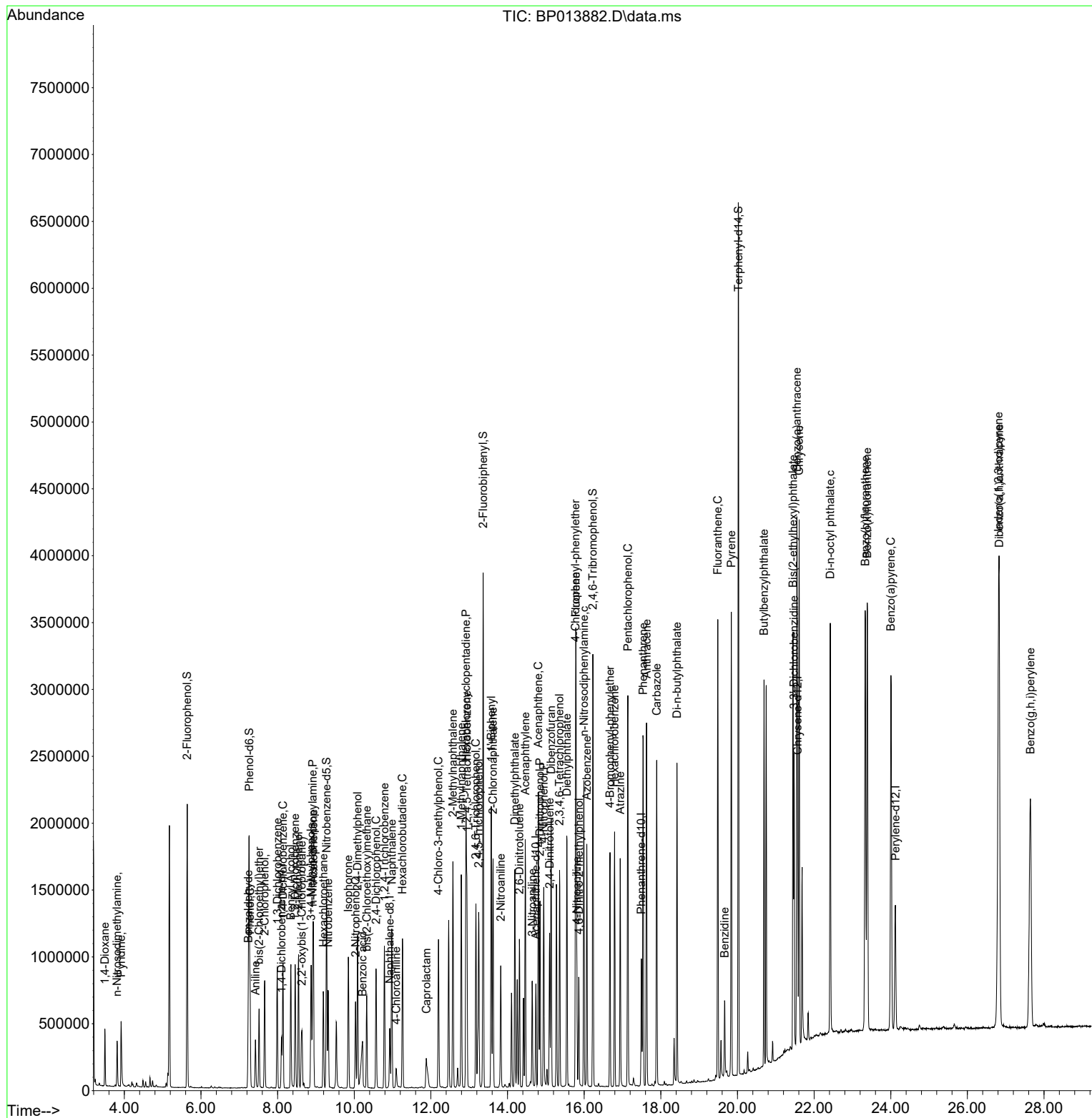
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44) 2,4,5-Trichlorophenol	13.245	196	351461	50.401	ng	97
46) 1,1'-Biphenyl	13.575	154	1052735	50.083	ng	99
47) 2-Chloronaphthalene	13.622	162	825642	51.557	ng	99
48) 2-Nitroaniline	13.822	65	237359	51.903	ng	97
49) Acenaphthylene	14.463	152	1290874	51.137	ng	99
50) Dimethylphthalate	14.192	163	1070272	50.575	ng	100
51) 2,6-Dinitrotoluene	14.310	165	232741	50.210	ng	98
52) Acenaphthene	14.804	154	773751	50.371	ng	99
53) 3-Nitroaniline	14.645	138	197917	41.397	ng	99
54) 2,4-Dinitrophenol	14.845	184	300668	97.603	ng	96
55) Dibenzofuran	15.139	168	1278130	50.006	ng	99
56) 4-Nitrophenol	14.945	139	368323	97.369	ng	90
57) 2,4-Dinitrotoluene	15.098	165	322377	51.598	ng	96
58) Fluorene	15.787	166	1011025	50.448	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.357	232	331169	55.166	ng	99
60) Diethylphthalate	15.551	149	1058838	51.311	ng	99
61) 4-Chlorophenyl-phenyle...	15.775	204	551041	50.747	ng	99
62) 4-Nitroaniline	15.810	138	218294	44.283	ng	90
63) Azobenzene	16.069	77	951056	50.941	ng	98
65) 4,6-Dinitro-2-methylph...	15.863	198	192929	48.218	ng	98
66) n-Nitrosodiphenylamine	15.992	169	889377	51.780	ng	99
67) 4-Bromophenyl-phenylether	16.675	248	352315	52.638	ng	99
68) Hexachlorobenzene	16.792	284	403339	55.205	ng	99
69) Atrazine	16.939	200	323155	55.182	ng	99
70) Pentachlorophenol	17.139	266	534895	99.301	ng	99
71) Phenanthrene	17.539	178	1611268	50.720	ng	100
72) Anthracene	17.628	178	1641097	51.664	ng	100
73) Carbazole	17.892	167	1460303	51.065	ng	99
74) Di-n-butylphthalate	18.422	149	1643274	49.045	ng	99
75) Fluoranthene	19.486	202	2006412	50.664	ng	98
77) Benzidine	19.669	184	366039	31.514	ng	99
78) Pyrene	19.839	202	2092451	52.467	ng	99
80) Butylbenzylphthalate	20.692	149	809220	57.089	ng	100
81) Benzo(a)anthracene	21.551	228	2181550	52.202	ng	100
82) 3,3'-Dichlorobenzidine	21.474	252	678061	51.572	ng	100
83) Chrysene	21.610	228	2071357	51.164	ng	100
84) Bis(2-ethylhexyl)phtha...	21.451	149	1224498	55.409	ng	98
85) Di-n-octyl phthalate	22.421	149	2339179	59.402	ng	100
87) Indeno(1,2,3-cd)pyrene	26.815	276	3209520	54.087	ng	96
88) Benzo(b)fluoranthene	23.333	252	2635088	54.621	ng	99
89) Benzo(k)fluoranthene	23.386	252	2503721	51.127	ng	99
90) Benzo(a)pyrene	24.004	252	2302334	49.363	ng	99
91) Dibenzo(a,h)anthracene	26.833	278	2677264	53.850	ng	98
92) Benzo(g,h,i)perylene	27.645	276	2643167	53.765	ng	97

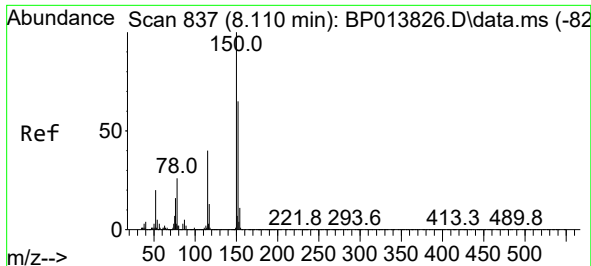
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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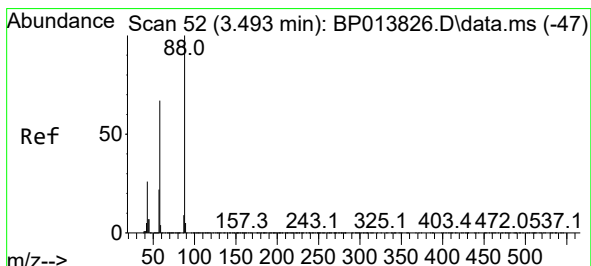
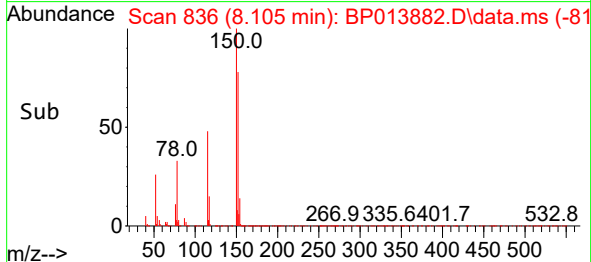
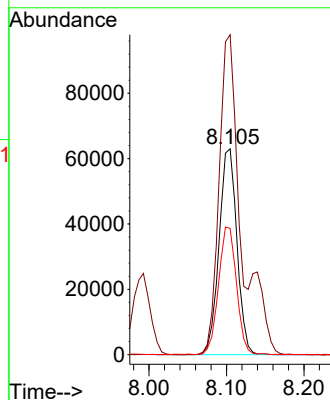
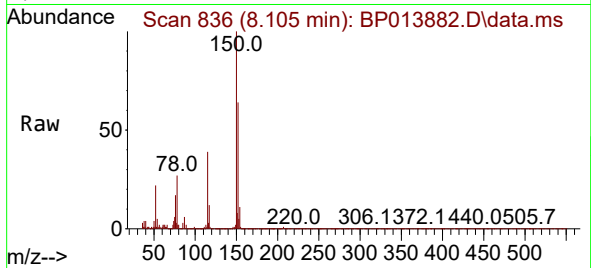




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.105 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP013882.D
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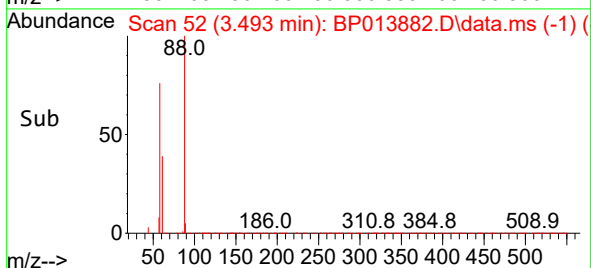
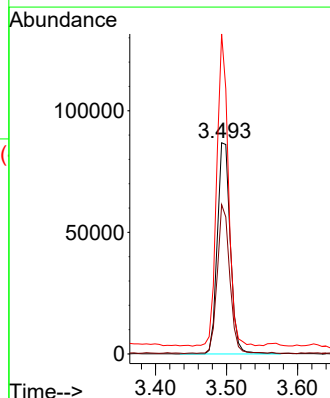
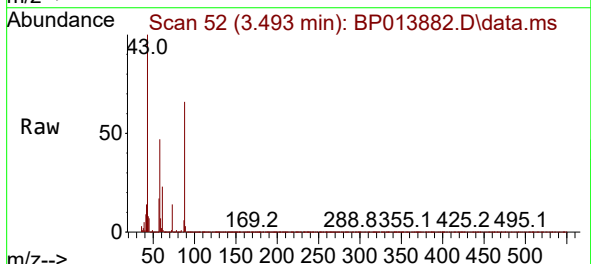
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BNA_P
ClientSampleId :
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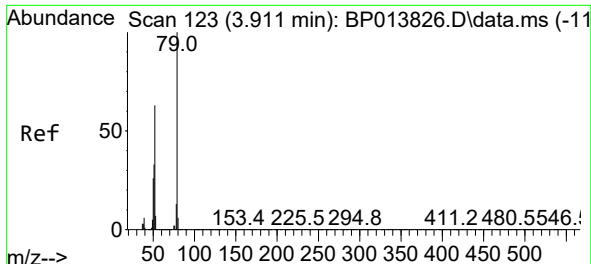
Tgt Ion:152 Resp: 101102
Ion Ratio Lower Upper
152 100
150 155.4 122.8 184.2
115 61.3 49.0 73.6



#2
1,4-Dioxane
Concen: 40.994 ng
RT: 3.493 min Scan# 52
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion: 88 Resp: 109304
Ion Ratio Lower Upper
88 100
58 67.8 53.5 80.3
43 132.3 20.6 30.8

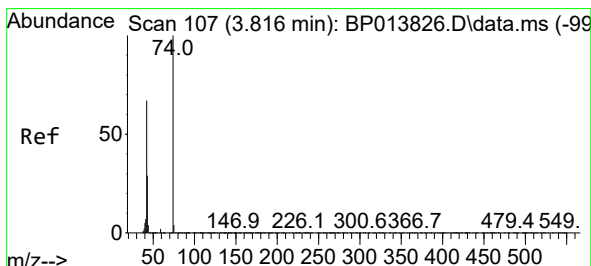
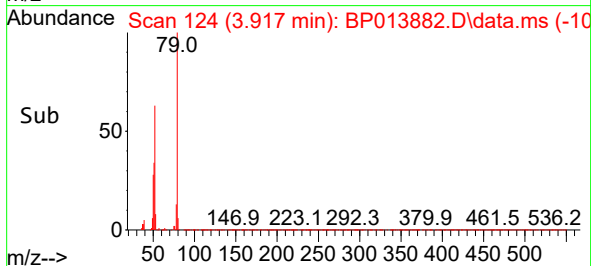
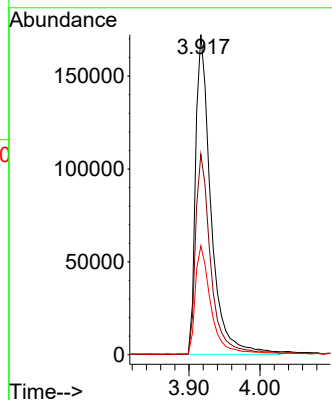
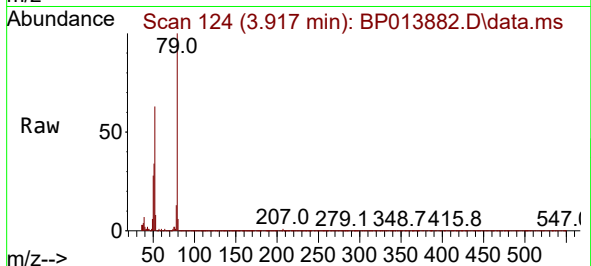




#3
Pyridine
Concen: 36.280 ng
RT: 3.917 min Scan# 11
Delta R.T. 0.018 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

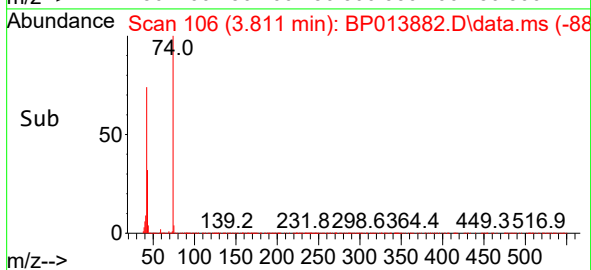
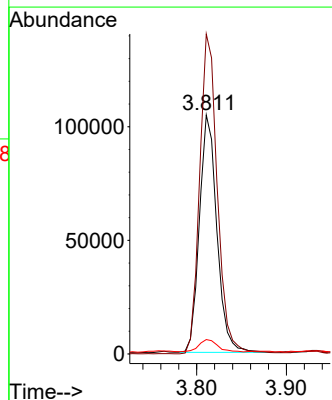
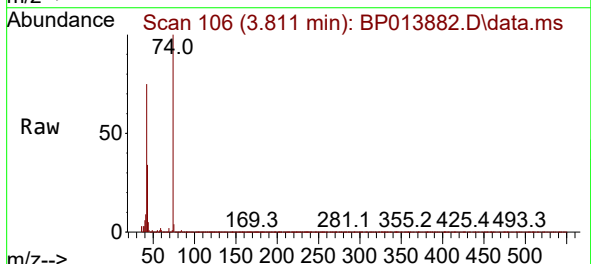
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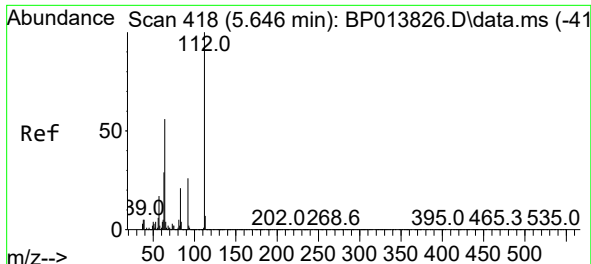
Tgt Ion: 79 Resp: 260773
Ion Ratio Lower Upper
79 100
52 62.7 50.0 75.0
51 34.0 26.7 40.1



#4
n-Nitrosodimethylamine
Concen: 52.476 ng
RT: 3.811 min Scan# 106
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion: 42 Resp: 141355
Ion Ratio Lower Upper
42 100
74 133.9 119.3 178.9
44 6.1 6.0 9.0

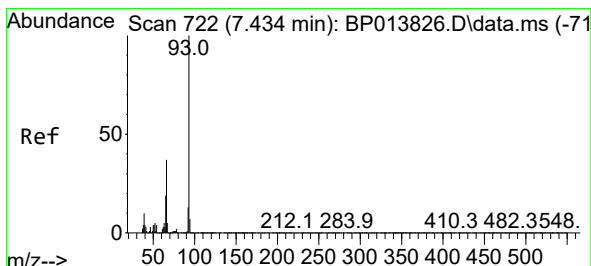
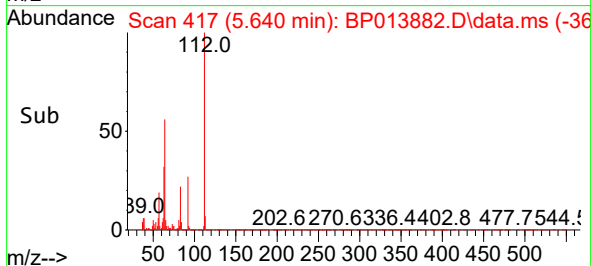
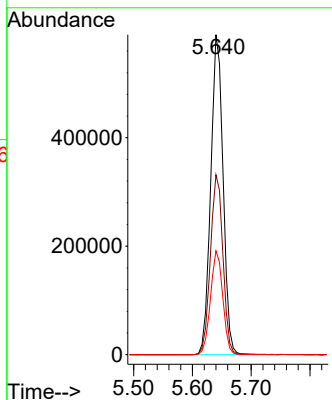
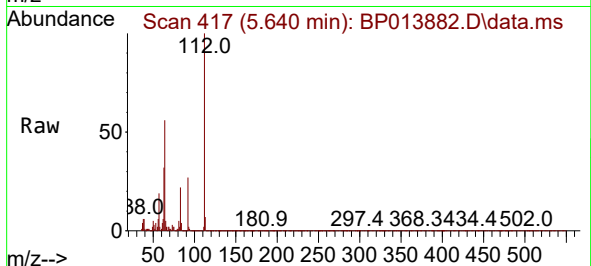




#5
2-Fluorophenol
Concen: 139.917 ng
RT: 5.640 min Scan# 418
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

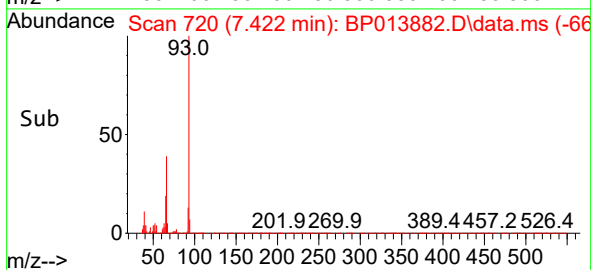
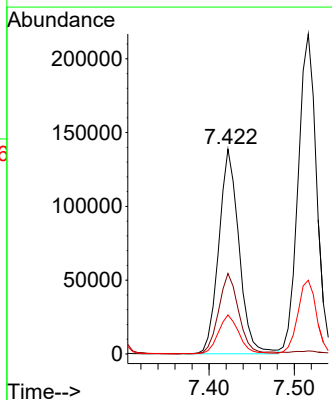
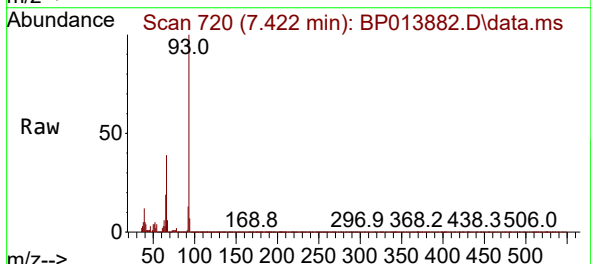
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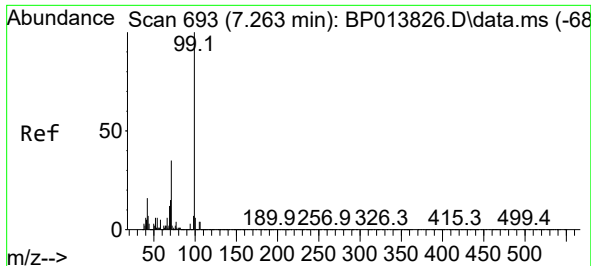
Tgt Ion:112 Resp: 858310
Ion Ratio Lower Upper
112 100
64 56.2 44.6 66.8
63 32.4 23.6 35.4



#6
Aniline
Concen: 22.424 ng
RT: 7.422 min Scan# 720
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion: 93 Resp: 228908
Ion Ratio Lower Upper
93 100
66 39.3 29.6 44.4
65 19.0 15.4 23.0



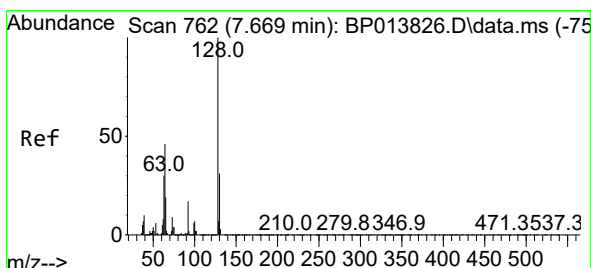
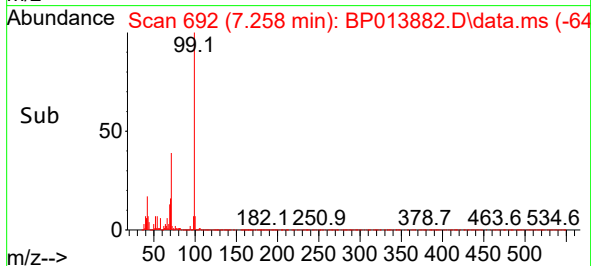
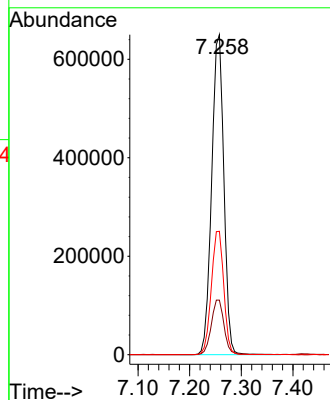
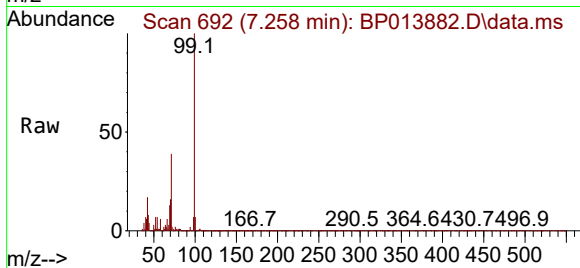


#7
Phenol-d6
Concen: 135.411 ng
RT: 7.258 min Scan# 693
Delta R.T. 0.006 min
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Tgt Ion: 99 Resp: 1063862

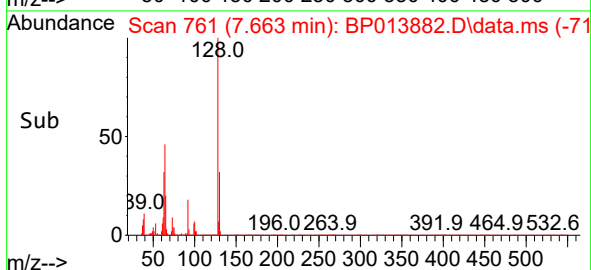
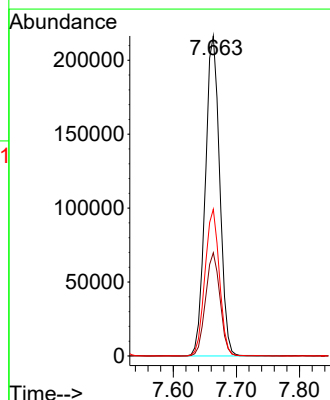
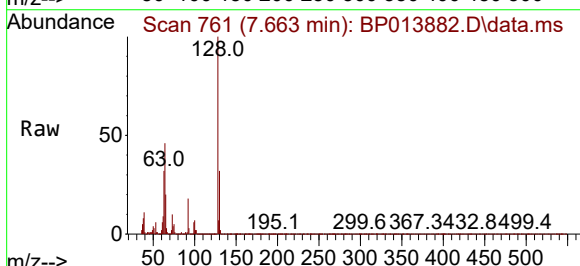
Ion	Ratio	Lower	Upper
99	100		
42	17.1	12.5	18.7
71	38.6	27.8	41.8

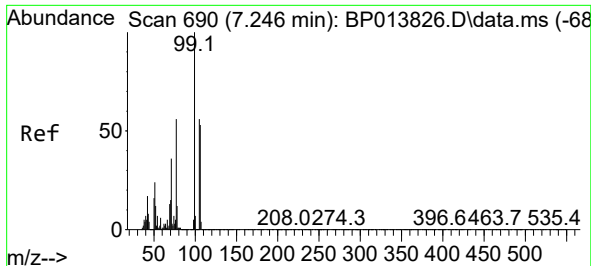


#8
2-Chlorophenol
Concen: 52.825 ng
RT: 7.663 min Scan# 761
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion: 128 Resp: 341807

Ion	Ratio	Lower	Upper
128	100		
130	32.3	11.4	51.4
64	45.9	25.9	65.9

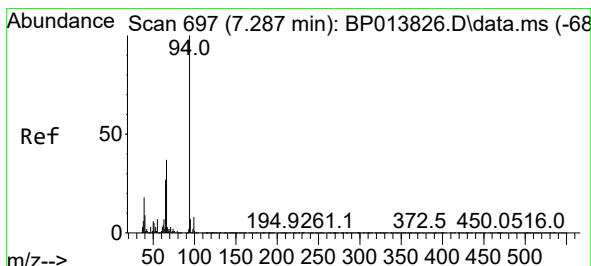
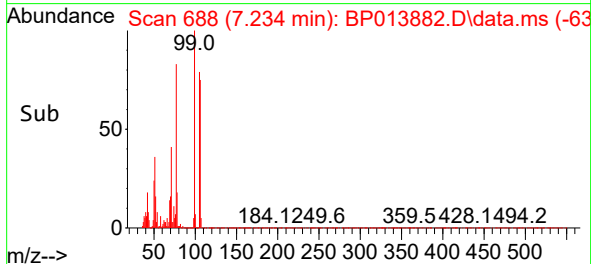
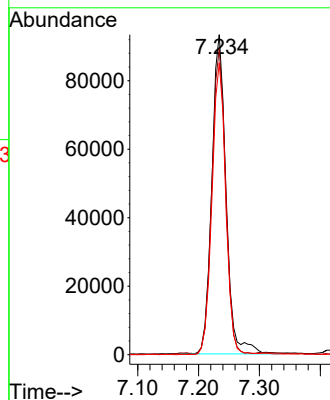
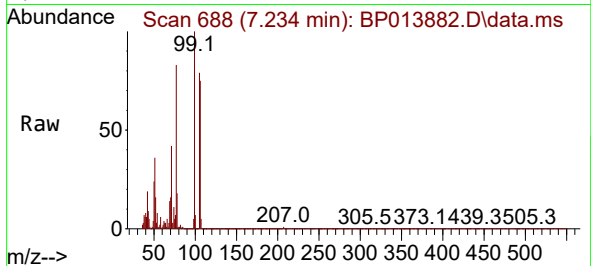




#9
Benzaldehyde
Concen: 40.272 ng
RT: 7.234 min Scan# 61
Delta R.T. -0.000 min
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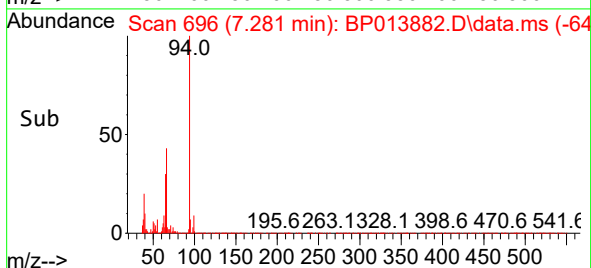
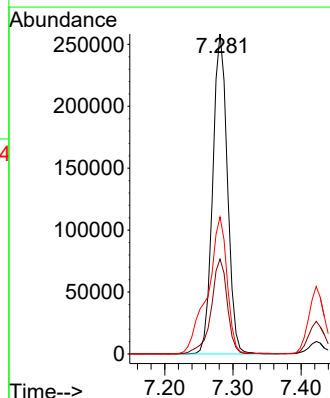
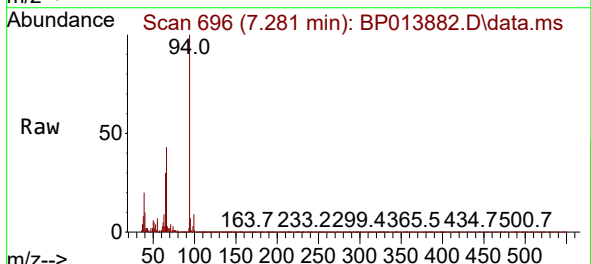
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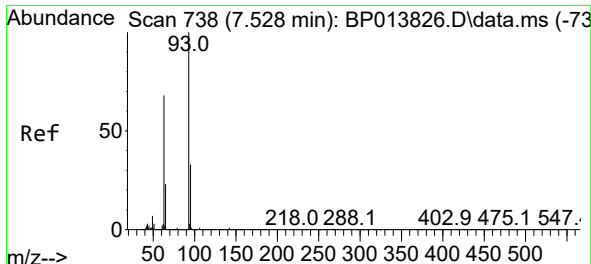
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Ion Ratio Lower Upper
77 100
105 95.5 80.2 120.2
106 91.2 74.8 114.8



#10
Phenol
Concen: 47.323 ng
RT: 7.281 min Scan# 696
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion: 94 Resp: 386993
Ion Ratio Lower Upper
94 100
65 29.7 6.8 46.8
66 42.8 17.4 57.4





#11

bis(2-Chloroethyl)ether

Concen: 50.077 ng

RT: 7.516 min Scan# 71

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUDMSD

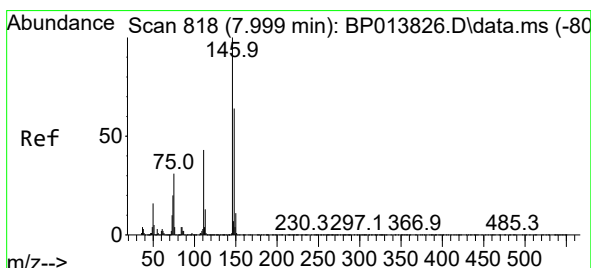
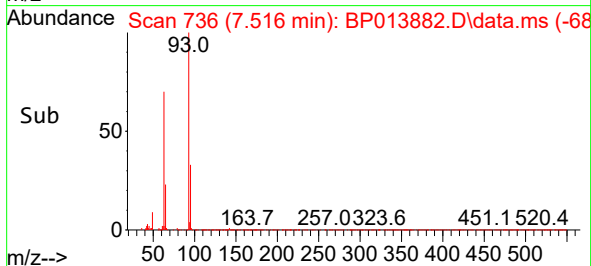
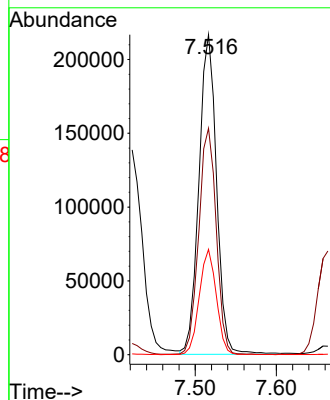
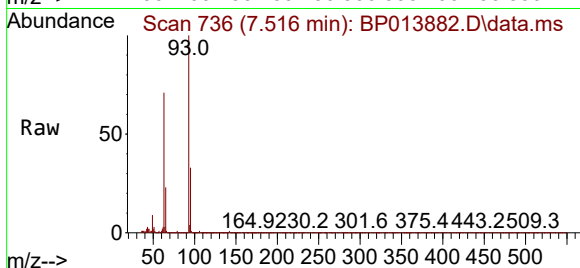
Tgt Ion: 93 Resp: 327738

Ion Ratio Lower Upper

93 100

63 70.7 48.1 88.1

95 32.9 12.6 52.6



#12

1,3-Dichlorobenzene

Concen: 50.146 ng

RT: 7.993 min Scan# 817

Delta R.T. 0.006 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

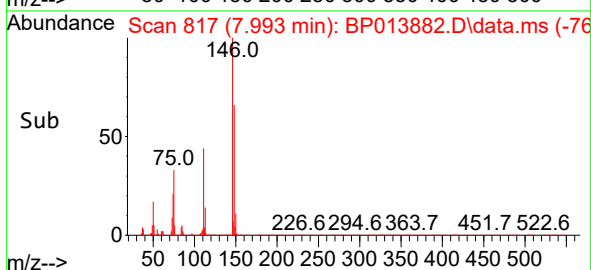
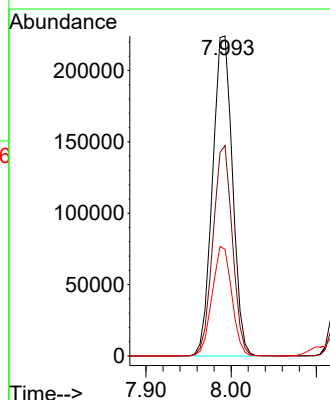
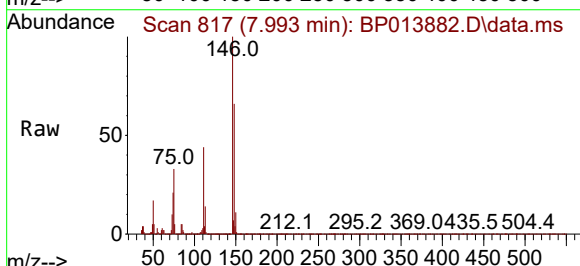
Tgt Ion: 146 Resp: 364846

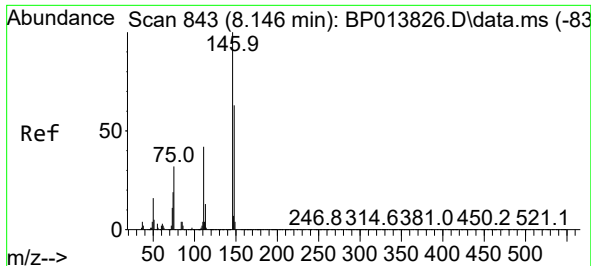
Ion Ratio Lower Upper

146 100

148 65.8 51.4 77.2

75 33.3 25.0 37.4

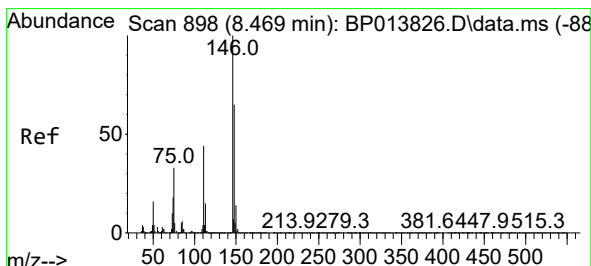
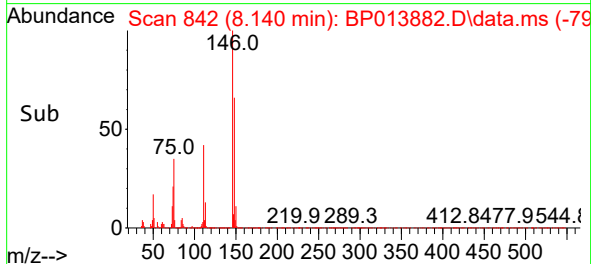
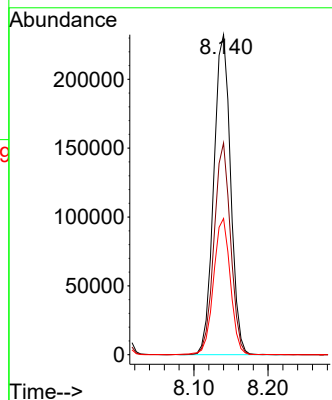
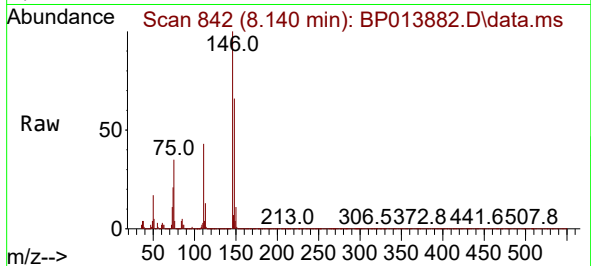




#13
1,4-Dichlorobenzene
Concen: 49.736 ng
RT: 8.140 min Scan# 84
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

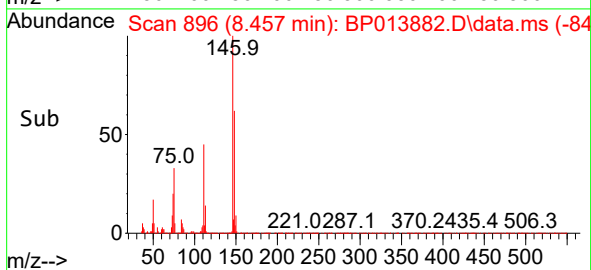
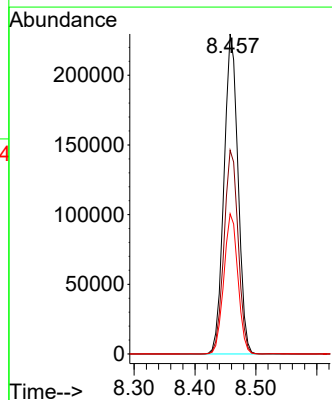
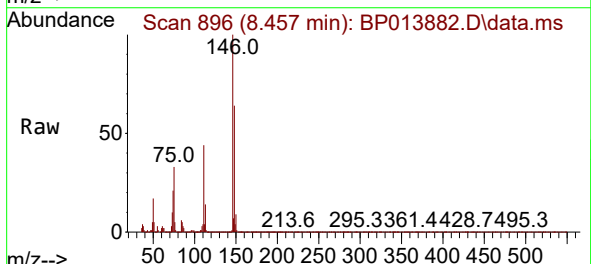
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

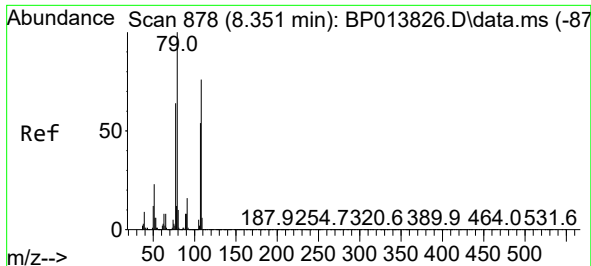
Tgt Ion:146 Resp: 365524
Ion Ratio Lower Upper
146 100
148 66.1 50.4 75.6
111 42.5 33.8 50.6



#14
1,2-Dichlorobenzene
Concen: 53.574 ng
RT: 8.457 min Scan# 896
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:146 Resp: 367548
Ion Ratio Lower Upper
146 100
148 63.6 52.1 78.1
111 43.8 34.9 52.3

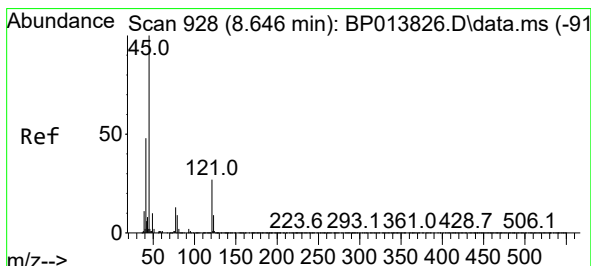
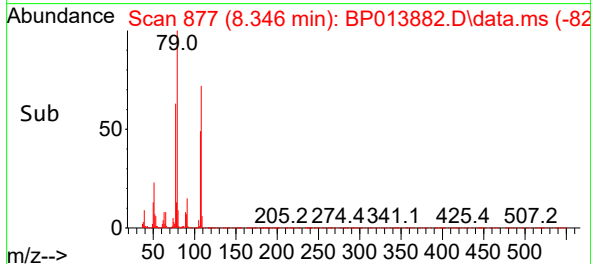
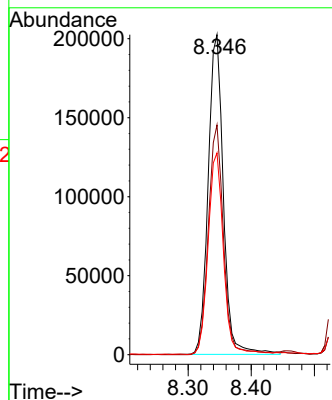
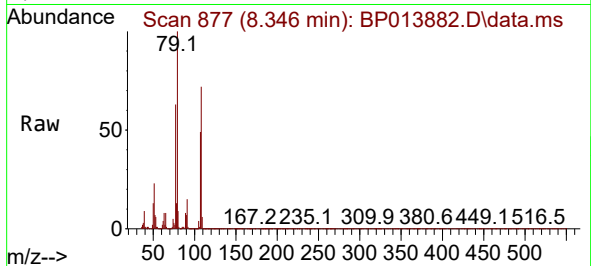




#15
Benzyl Alcohol
Concen: 61.350 ng
RT: 8.346 min Scan# 81
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

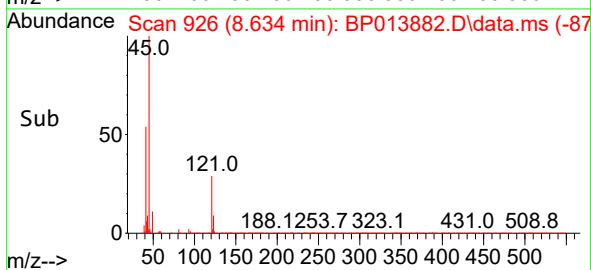
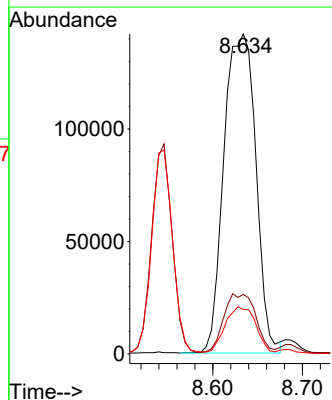
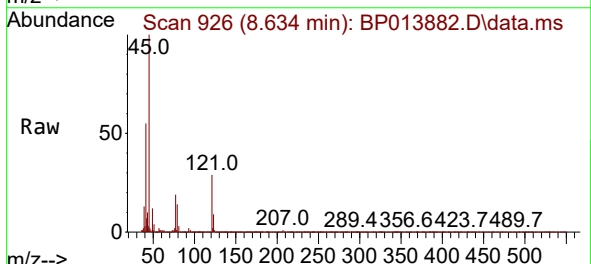
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

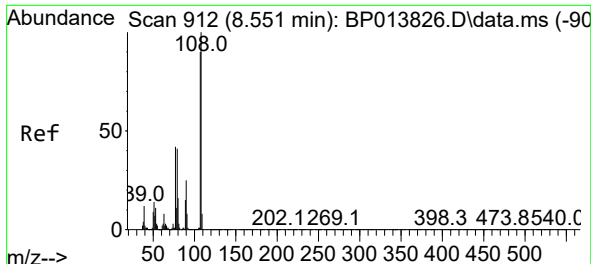
Tgt Ion: 79 Resp: 338173
Ion Ratio Lower Upper
79 100
108 71.8 60.7 91.1
77 63.0 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 50.177 ng
RT: 8.634 min Scan# 926
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion: 45 Resp: 350781
Ion Ratio Lower Upper
45 100
77 18.6 0.0 37.5
79 13.9 0.0 33.8

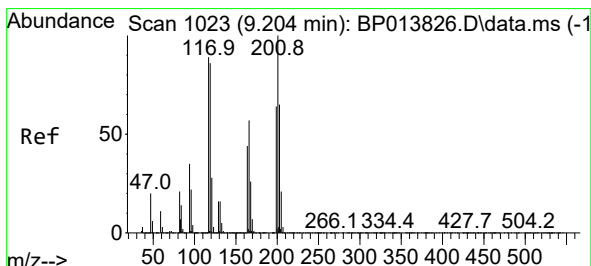
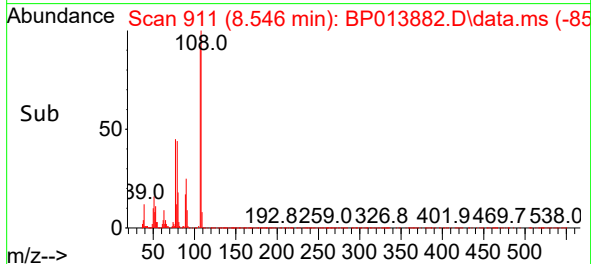
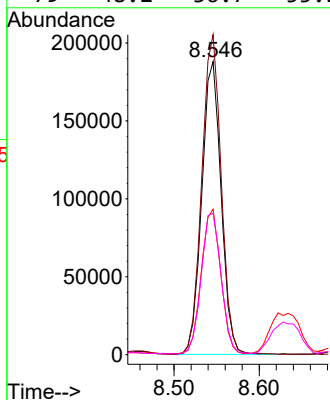
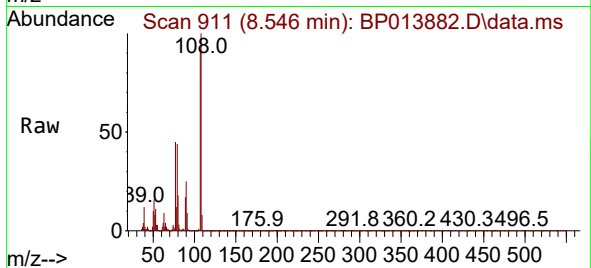




#17
2-Methylphenol
Concen: 53.107 ng
RT: 8.546 min Scan# 911
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

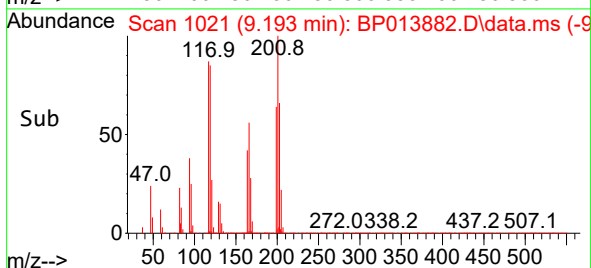
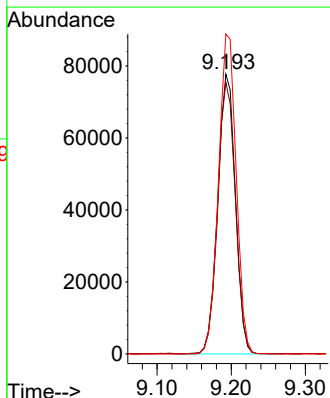
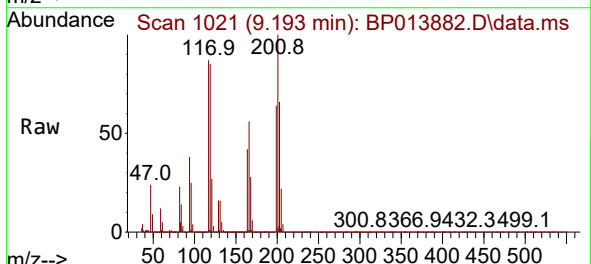
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

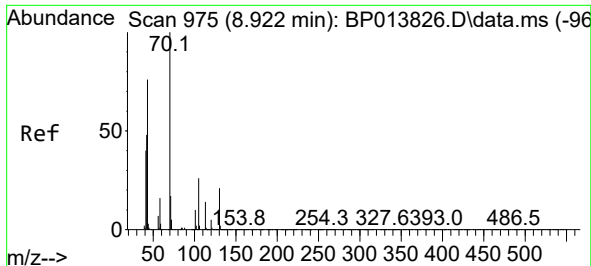
Tgt Ion:	107	Resp:	295538
Ion	Ratio	Lower	Upper
107	100		
108	109.2	88.9	133.3
77	49.6	37.1	55.7
79	48.2	36.7	55.1



#18
Hexachloroethane
Concen: 50.090 ng
RT: 9.193 min Scan# 1021
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:	117	Resp:	128950
Ion	Ratio	Lower	Upper
117	100		
119	97.0	77.2	115.8
201	114.4	89.4	134.2



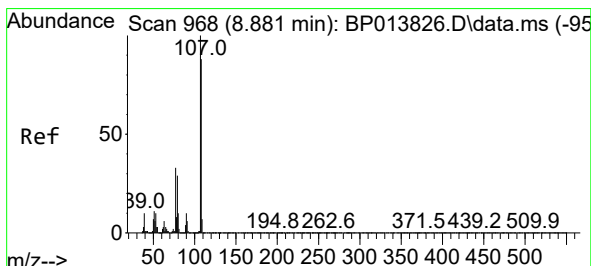
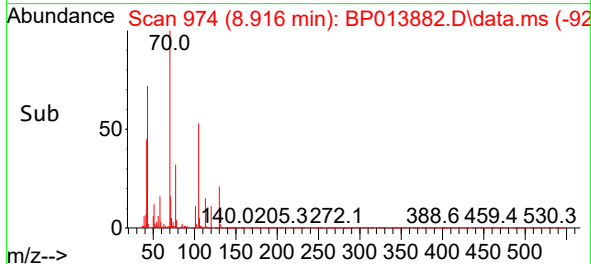
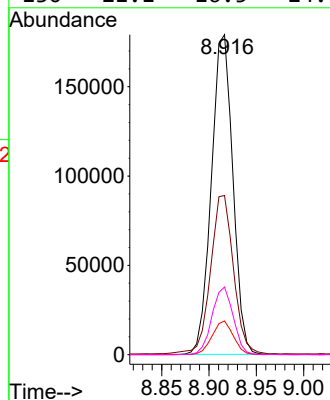
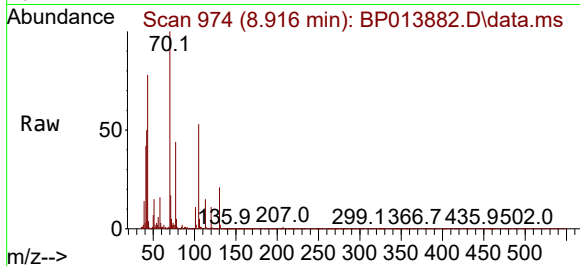


#19
n-Nitroso-di-n-propylamine
Concen: 61.402 ng
RT: 8.916 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

Tgt Ion: 70 Resp: 282343

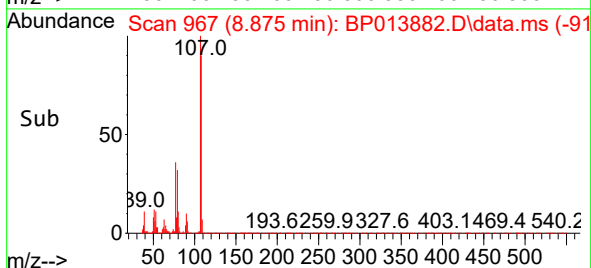
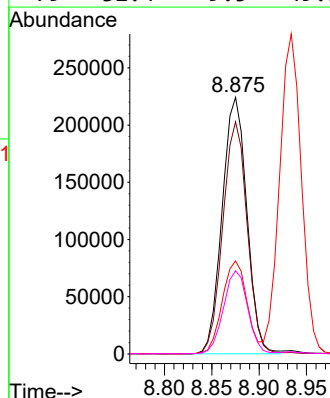
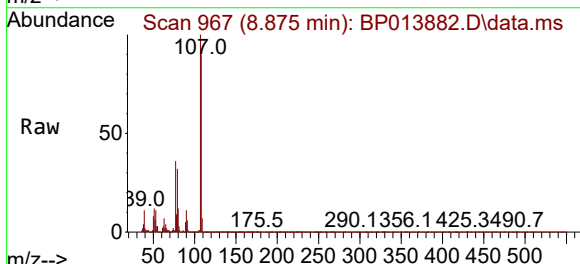
Ion	Ratio	Lower	Upper
70	100		
42	49.7	39.0	58.4
101	10.5	8.0	12.0
130	21.1	16.5	24.7

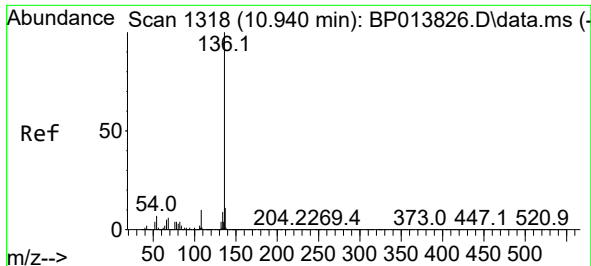


#20
3+4-Methylphenols
Concen: 54.198 ng
RT: 8.875 min Scan# 967
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion: 107 Resp: 405940

Ion	Ratio	Lower	Upper
107	100		
108	90.4	67.7	107.7
77	36.3	13.4	53.4
79	32.4	9.5	49.5

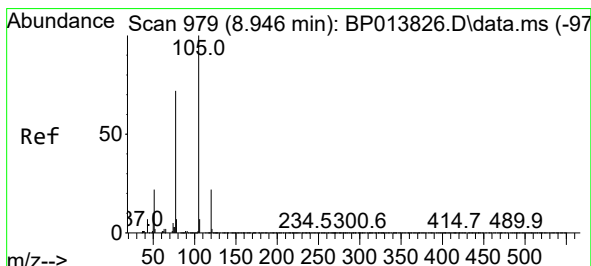
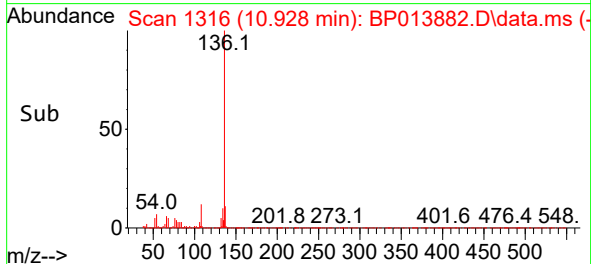
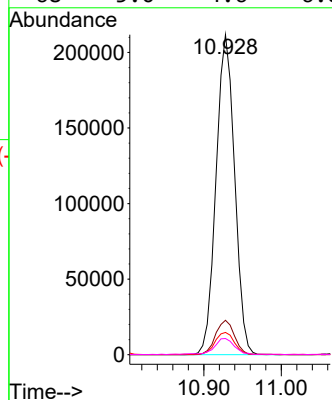
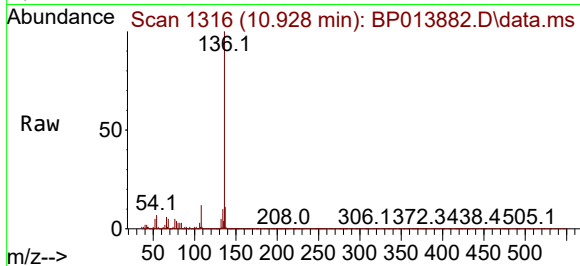




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.928 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

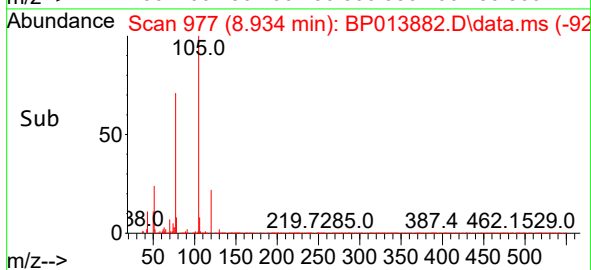
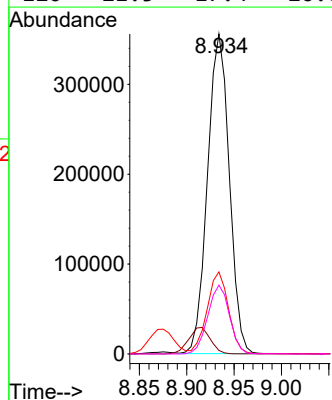
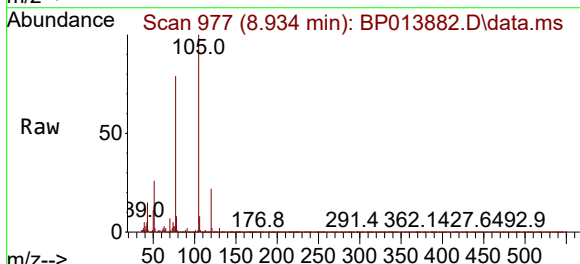
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

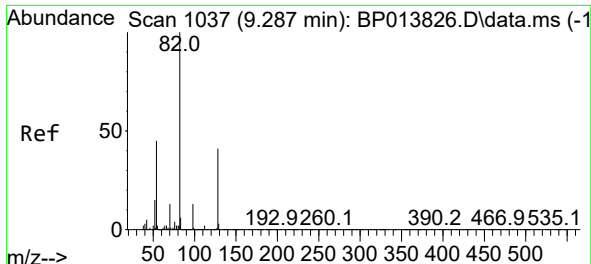
Tgt Ion:136 Resp: 352269
Ion Ratio Lower Upper
136 100
137 10.7 8.5 12.7
54 7.0 5.8 8.6
68 5.0 4.6 6.8



#22
Acetophenone
Concen: 64.223 ng
RT: 8.934 min Scan# 977
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:105 Resp: 570637
Ion Ratio Lower Upper
105 100
71 1.1 0.7 1.1#
51 25.7 18.9 28.3
120 21.5 17.4 26.0

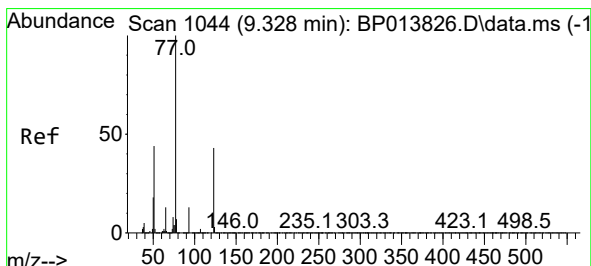
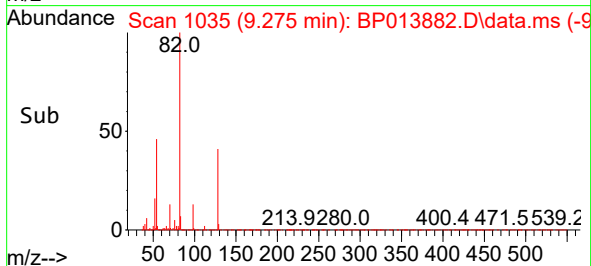
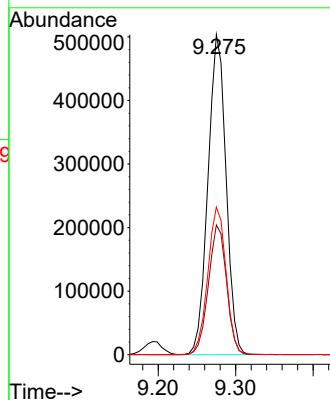
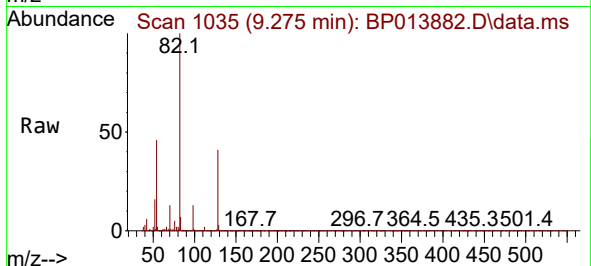




#23
Nitrobenzene-d5
Concen: 124.997 ng
RT: 9.275 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

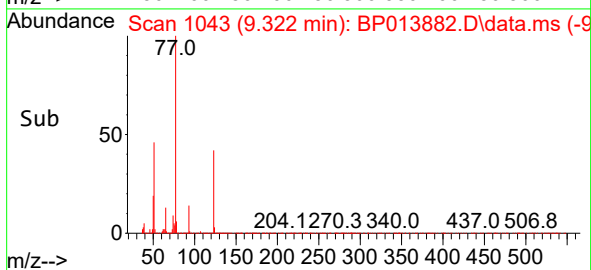
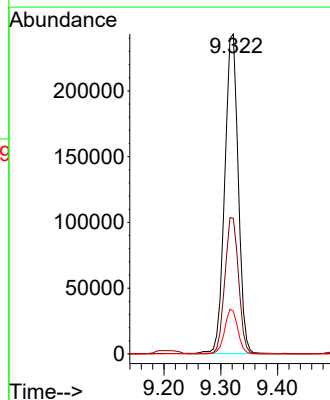
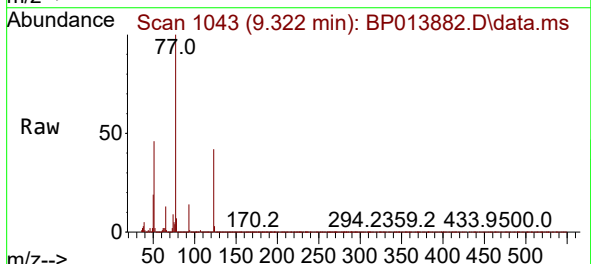
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BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

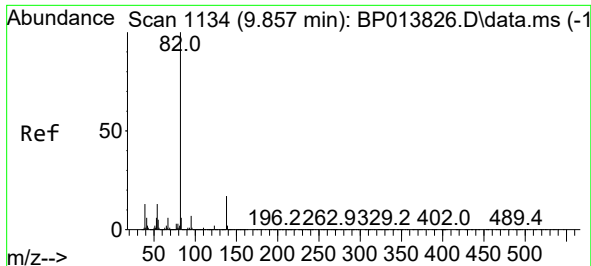
Tgt Ion: 82 Resp: 815417
Ion Ratio Lower Upper
82 100
128 40.5 32.9 49.3
54 46.2 35.6 53.4



#24
Nitrobenzene
Concen: 59.216 ng
RT: 9.322 min Scan# 1043
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion: 77 Resp: 403118
Ion Ratio Lower Upper
77 100
123 42.4 34.7 52.1
65 13.4 10.5 15.7

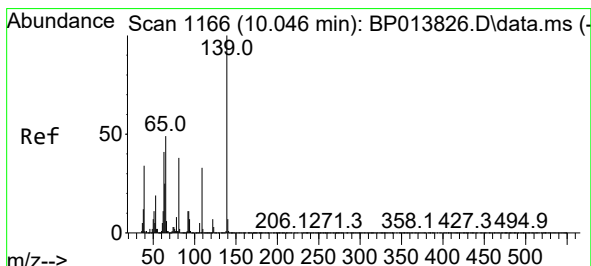
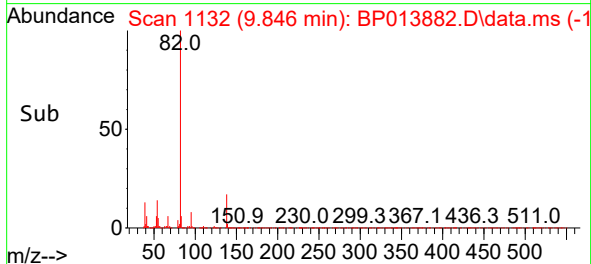
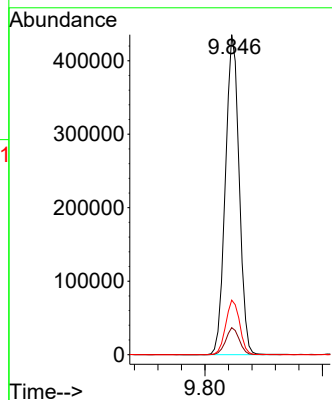
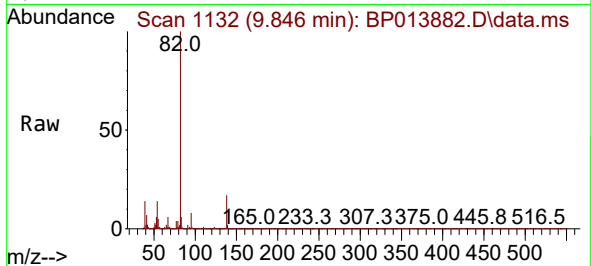




#25
Isophorone
Concen: 56.122 ng
RT: 9.846 min Scan# 1134
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

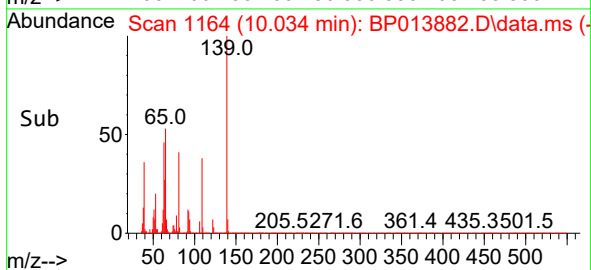
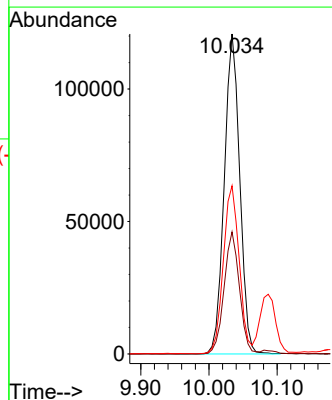
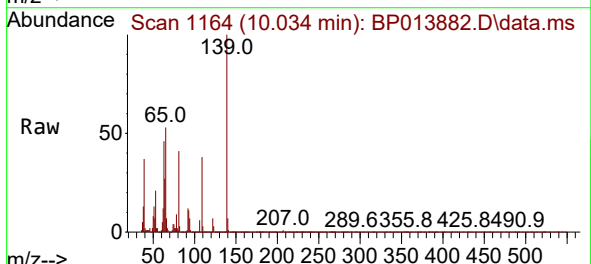
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

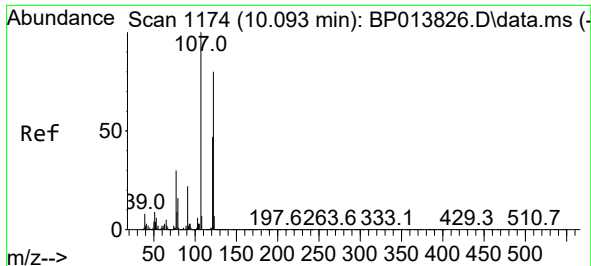
Tgt Ion: 82 Resp: 705529
Ion Ratio Lower Upper
82 100
95 8.5 5.8 8.8
138 17.0 13.7 20.5



#26
2-Nitrophenol
Concen: 58.851 ng
RT: 10.034 min Scan# 1164
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:139 Resp: 190921
Ion Ratio Lower Upper
139 100
109 38.2 26.7 40.1
65 52.6 39.4 59.2

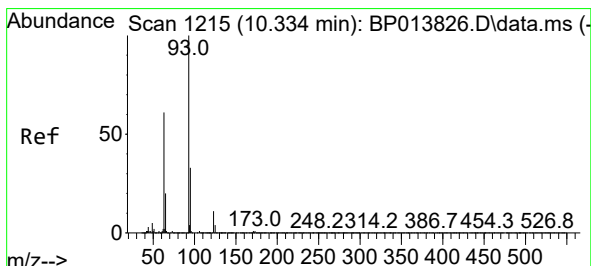
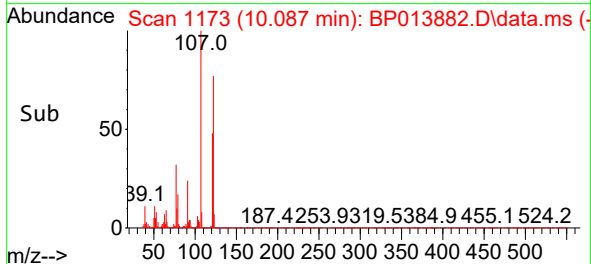
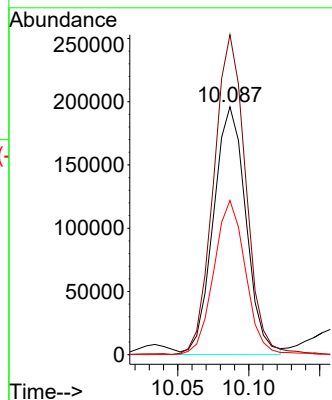
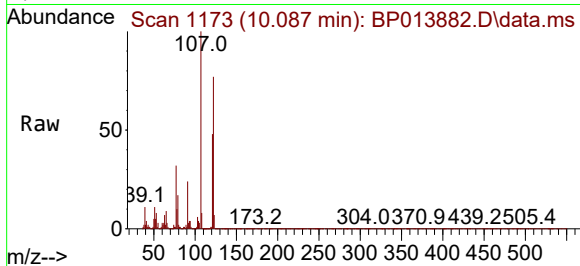




#27
2,4-Dimethylphenol
Concen: 59.130 ng
RT: 10.087 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

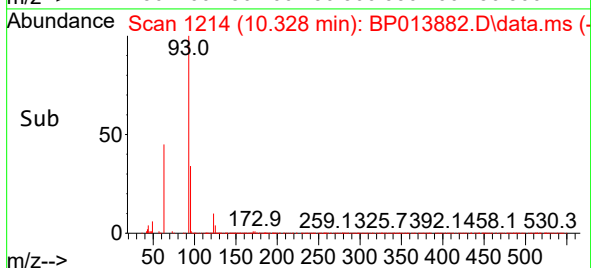
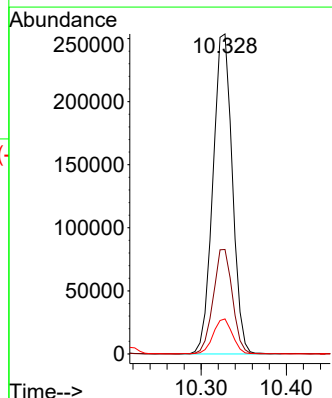
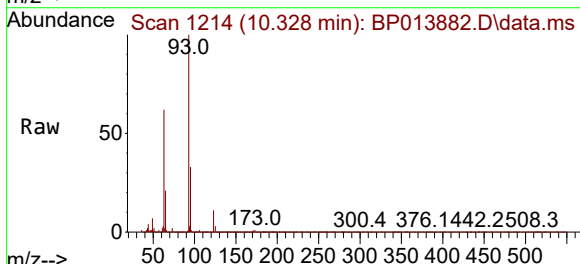
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

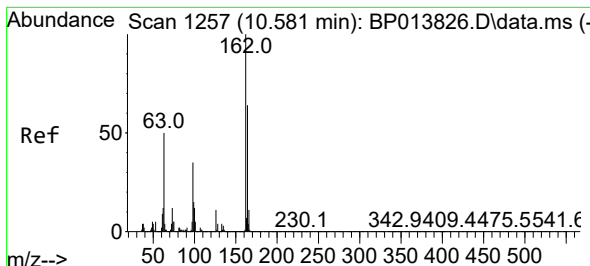
Tgt Ion:122 Resp: 310871
Ion Ratio Lower Upper
122 100
107 129.1 100.0 150.0
121 62.3 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 49.897 ng
RT: 10.328 min Scan# 1214
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion: 93 Resp: 400423
Ion Ratio Lower Upper
93 100
95 32.6 26.1 39.1
123 11.0 8.7 13.1





#29

2,4-Dichlorophenol

Concen: 56.706 ng

RT: 10.569 min Scan# 1255

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUDMSD

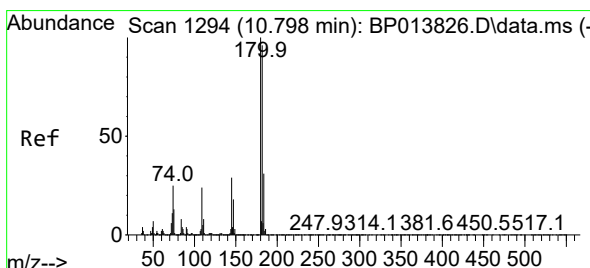
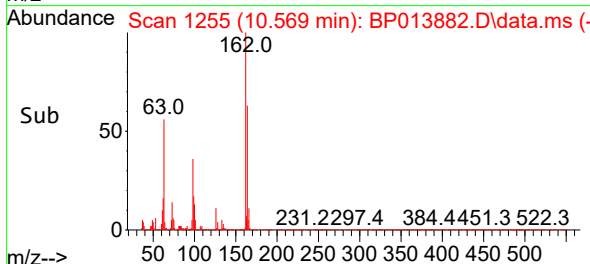
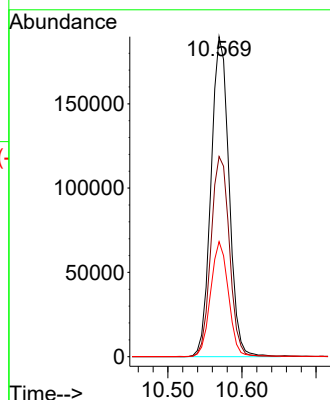
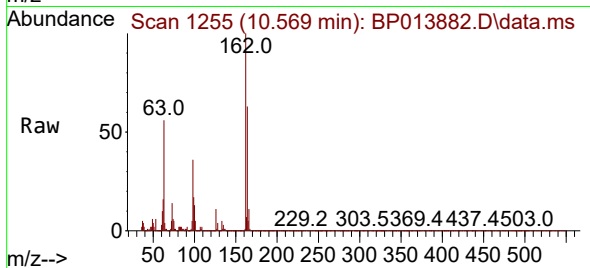
Tgt Ion:162 Resp: 319861

Ion Ratio Lower Upper

162 100

164 62.6 44.4 84.4

98 36.0 14.7 54.7



#30

1,2,4-Trichlorobenzene

Concen: 52.468 ng

RT: 10.787 min Scan# 1292

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

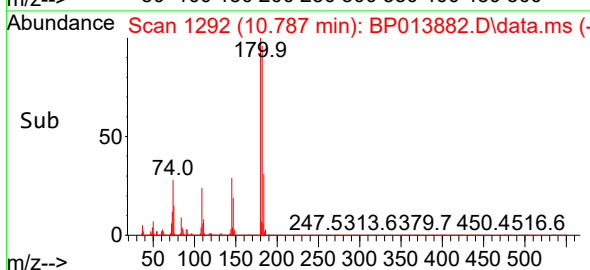
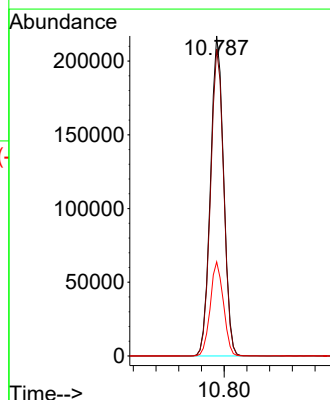
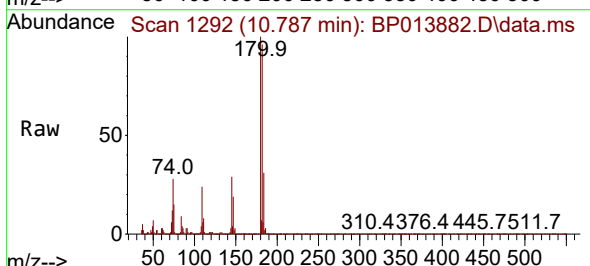
Tgt Ion:180 Resp: 347287

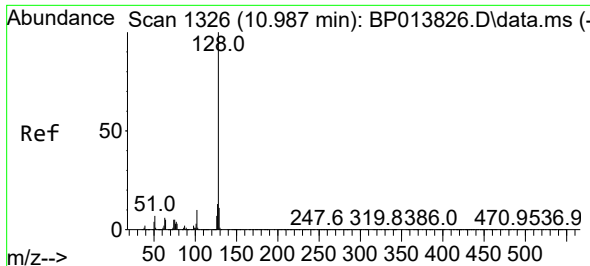
Ion Ratio Lower Upper

180 100

182 95.8 76.8 115.2

145 29.4 22.9 34.3

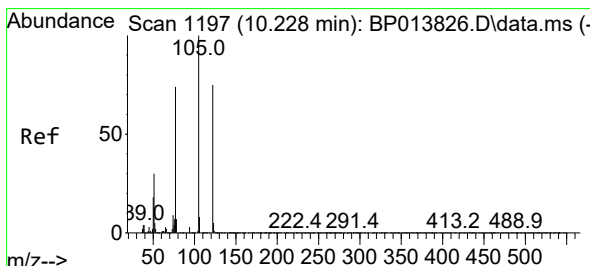
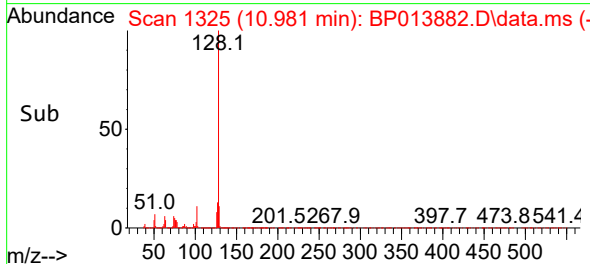
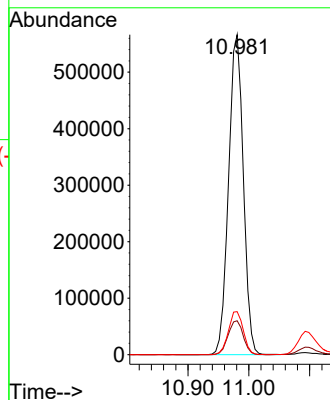
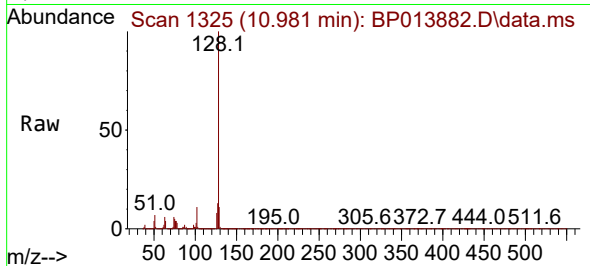




#31
Naphthalene
Concen: 49.340 ng
RT: 10.981 min Scan# 111
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

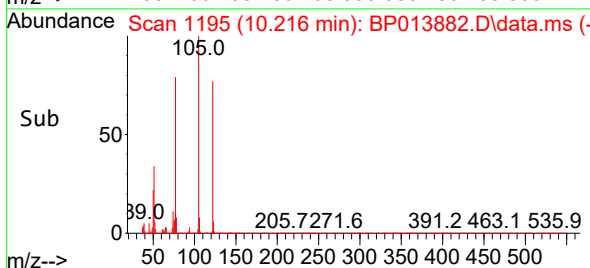
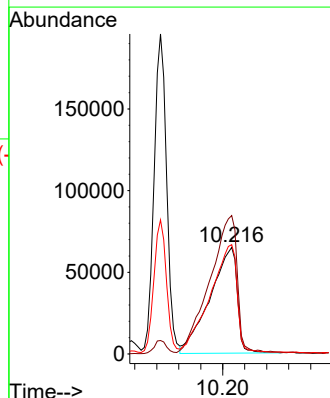
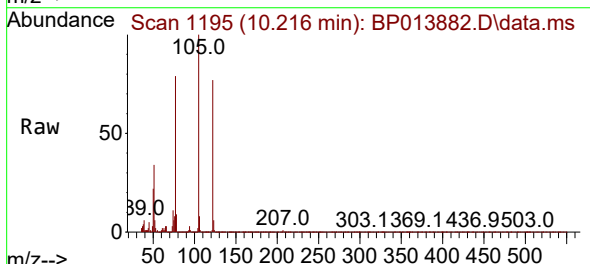
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

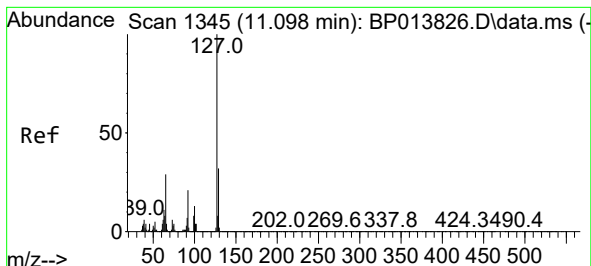
Tgt Ion:128 Resp: 952934
Ion Ratio Lower Upper
128 100
129 10.6 8.6 12.8
127 13.5 10.4 15.6



#32
Benzoic acid
Concen: 53.048 ng
RT: 10.216 min Scan# 1195
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:122 Resp: 222387
Ion Ratio Lower Upper
122 100
105 129.8 107.4 147.4
77 102.6 76.0 116.0





#33

4-Chloroaniline

Concen: 11.732 ng

RT: 11.093 min Scan# 1

Delta R.T. 0.006 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUDMSD

Tgt Ion:127 Resp: 95145

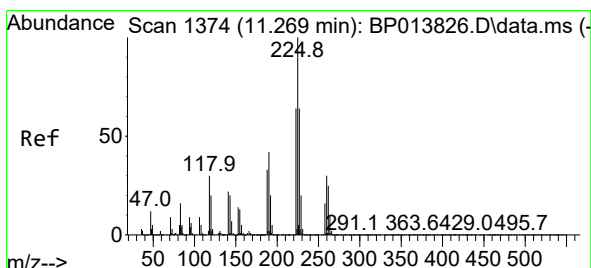
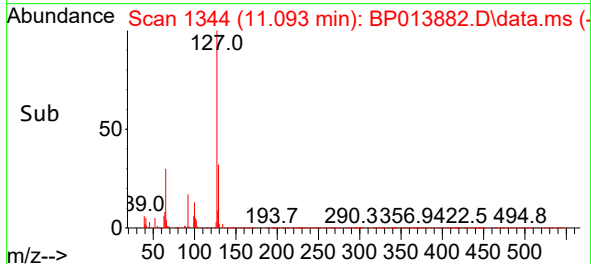
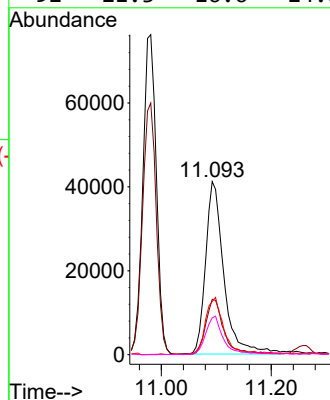
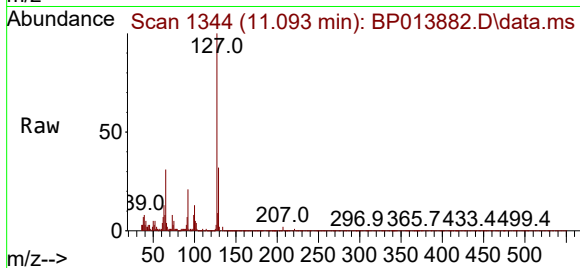
Ion Ratio Lower Upper

127 100

129 32.0 25.7 38.5

65 30.7 23.4 35.2

92 21.3 16.6 24.8



#34

Hexachlorobutadiene

Concen: 56.155 ng

RT: 11.257 min Scan# 1372

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

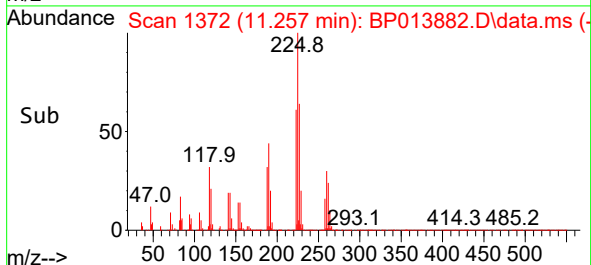
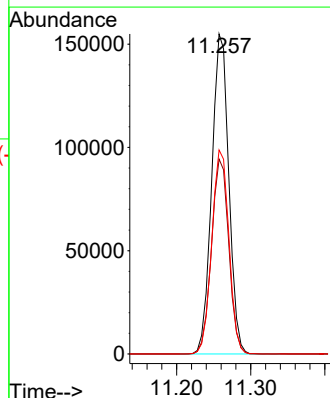
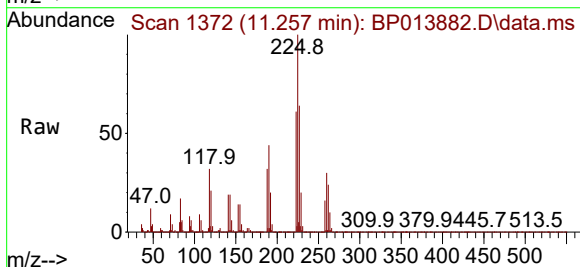
Tgt Ion:225 Resp: 247004

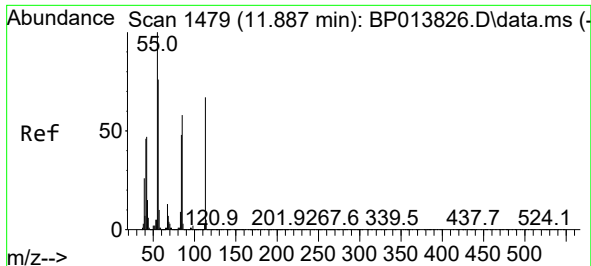
Ion Ratio Lower Upper

225 100

223 60.9 51.0 76.4

227 63.7 51.6 77.4

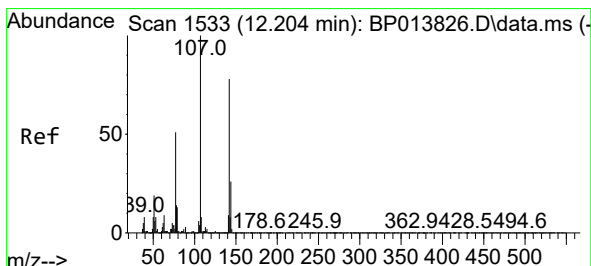
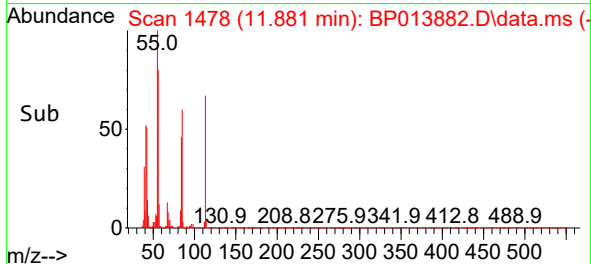
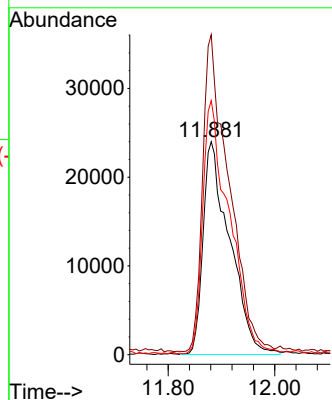
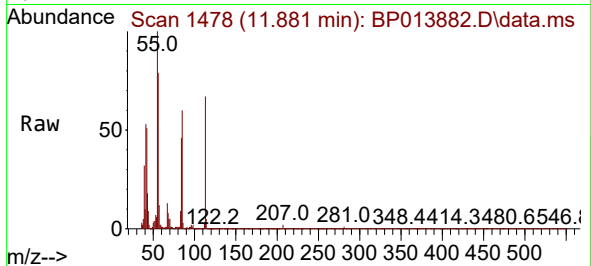




#35
Caprolactam
Concen: 46.133 ng
RT: 11.881 min Scan# 1479
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

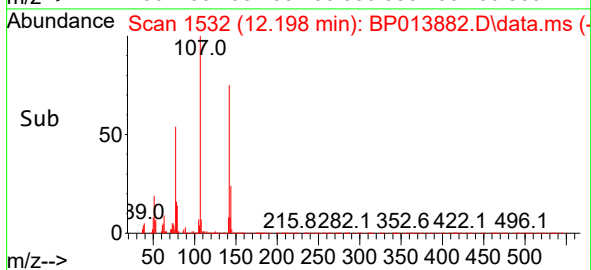
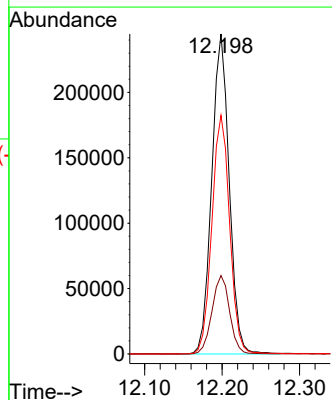
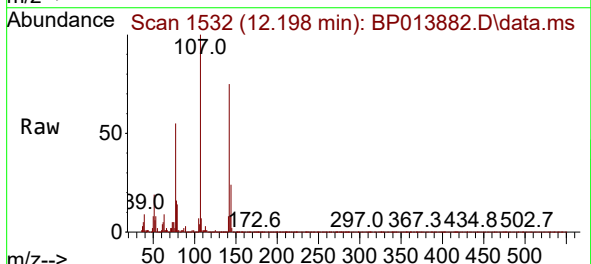
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

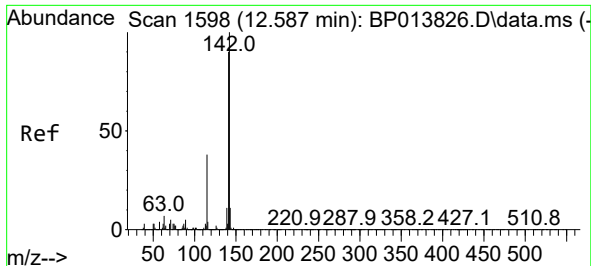
Tgt Ion:113 Resp: 83081
Ion Ratio Lower Upper
113 100
55 150.3 128.5 168.5
56 119.3 93.4 133.4



#36
4-Chloro-3-methylphenol
Concen: 60.928 ng
RT: 12.198 min Scan# 1532
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:107 Resp: 382957
Ion Ratio Lower Upper
107 100
144 24.5 20.4 30.6
142 74.5 62.2 93.4

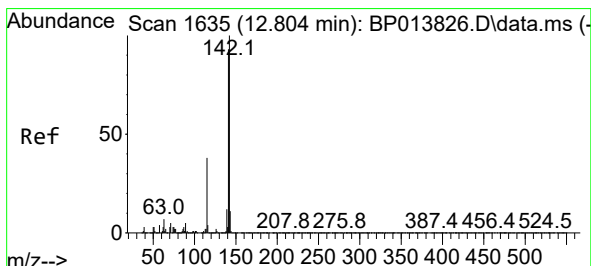
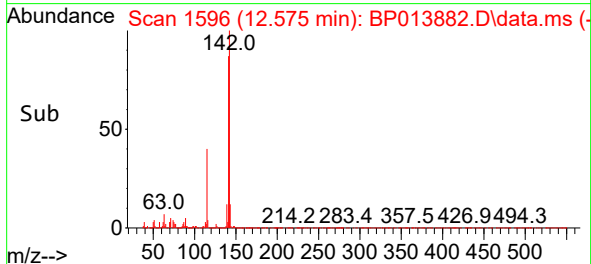
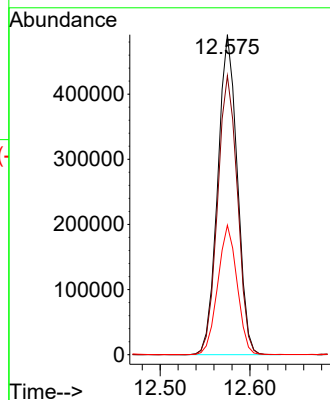
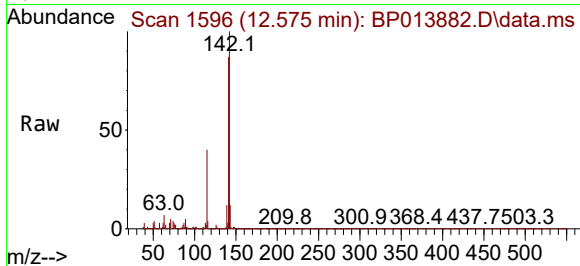




#37
2-Methylnaphthalene
Concen: 53.169 ng
RT: 12.575 min Scan# 1596
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

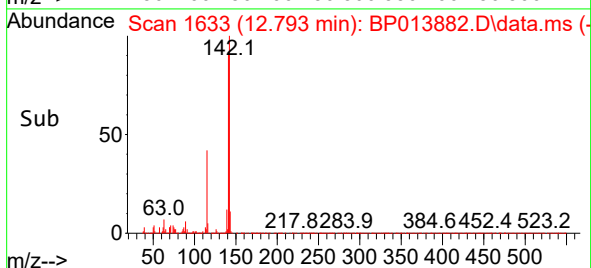
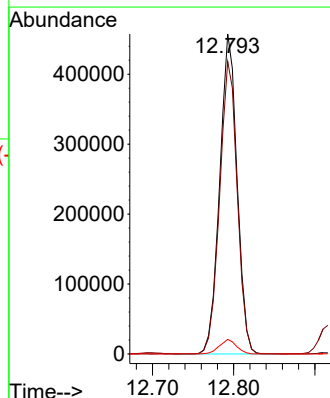
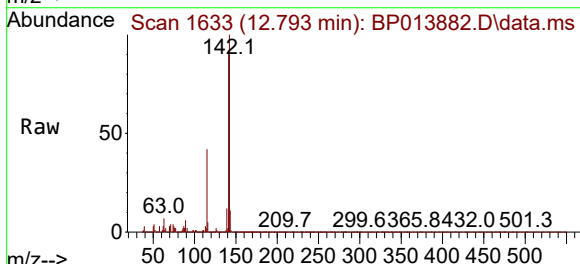
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

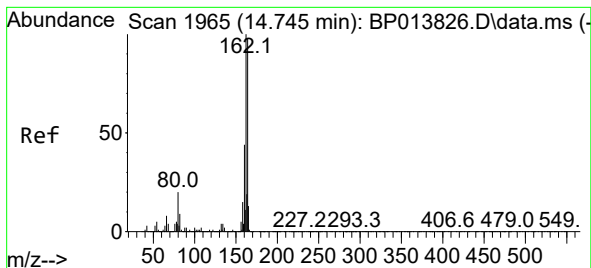
Tgt Ion:142 Resp: 743338
Ion Ratio Lower Upper
142 100
141 87.2 72.1 108.1
115 40.4 30.2 45.4



#38
1-Methylnaphthalene
Concen: 52.058 ng
RT: 12.793 min Scan# 1633
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:142 Resp: 681155
Ion Ratio Lower Upper
142 100
141 91.4 74.2 111.4
116 4.5 3.3 4.9





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.740 min Scan# 1965

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUDMSD

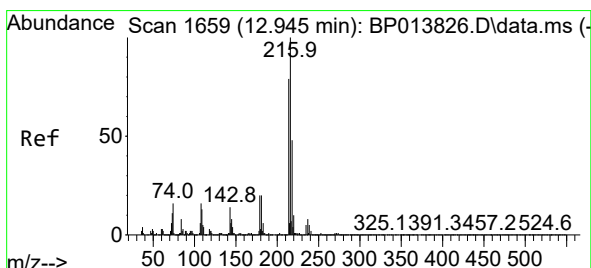
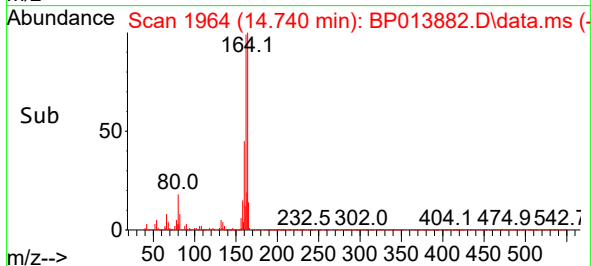
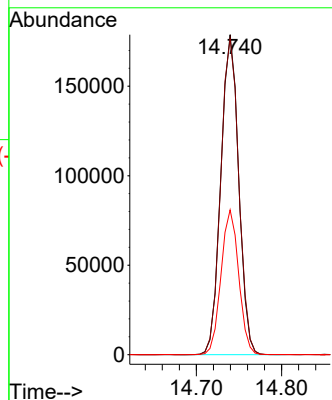
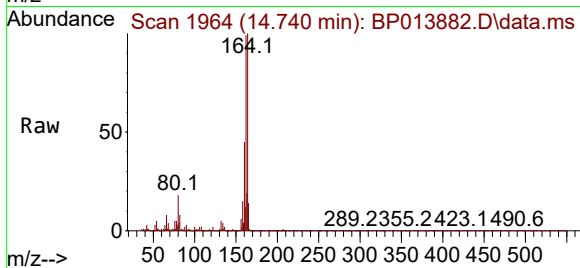
Tgt Ion:164 Resp: 260064

Ion Ratio Lower Upper

164 100

162 98.8 81.7 122.5

160 45.3 36.1 54.1



#40

1,2,4,5-Tetrachlorobenzene

Concen: 48.149 ng

RT: 12.940 min Scan# 1658

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Tgt Ion:216 Resp: 451589

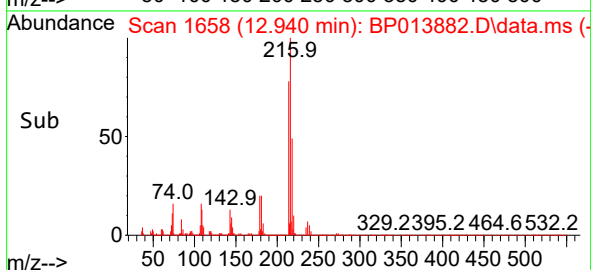
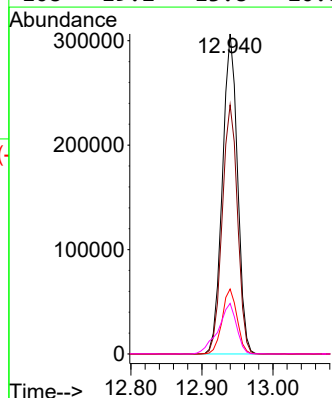
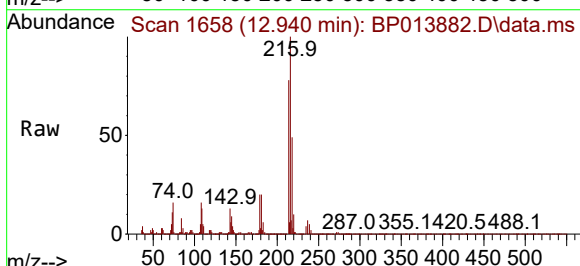
Ion Ratio Lower Upper

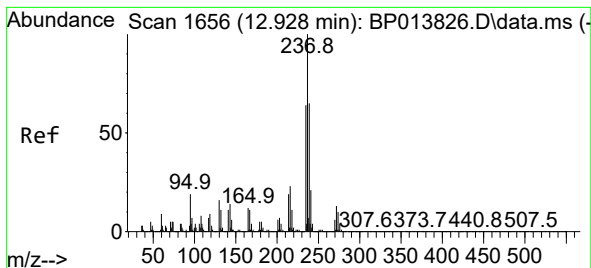
216 100

214 78.7 63.0 94.4

179 20.0 16.0 24.0

108 19.2 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 112.699 ng

RT: 12.916 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUDMSD

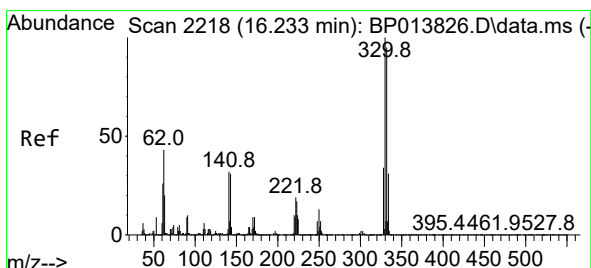
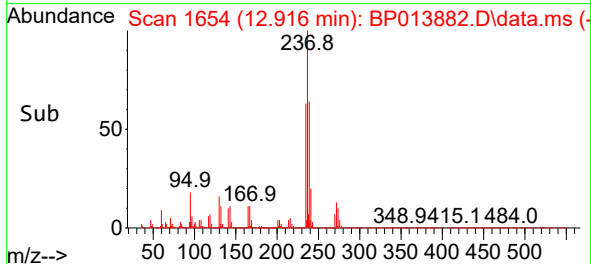
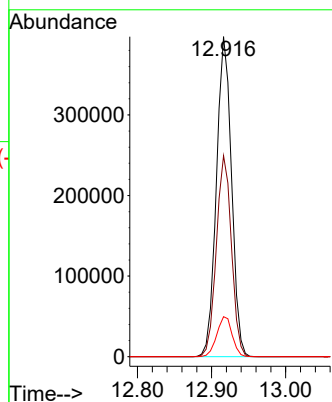
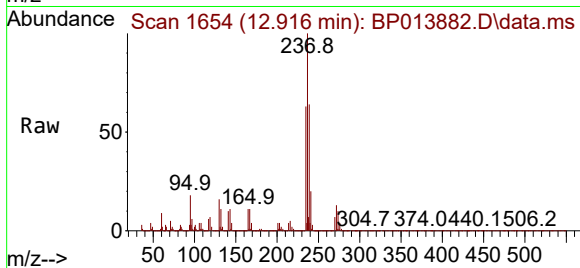
Tgt Ion:237 Resp: 561453

Ion Ratio Lower Upper

237 100

235 62.8 44.3 84.3

272 12.5 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 169.120 ng

RT: 16.228 min Scan# 2217

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

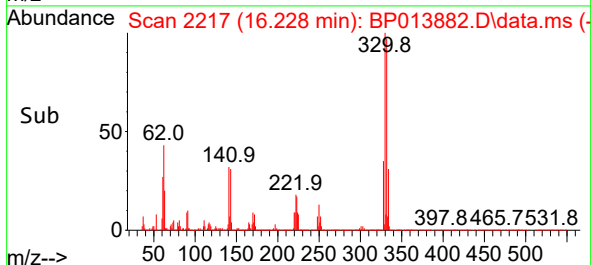
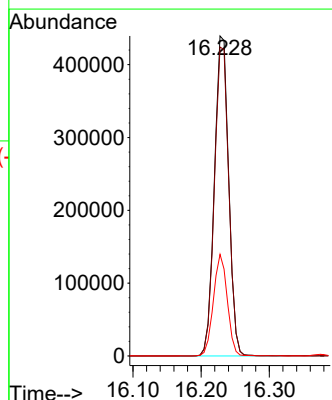
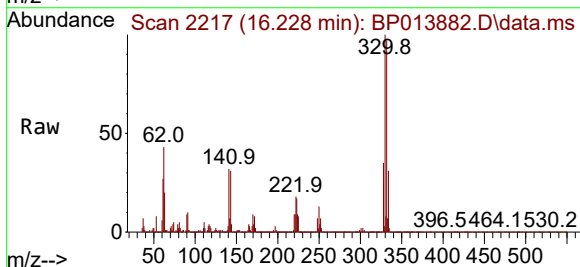
Tgt Ion:330 Resp: 640233

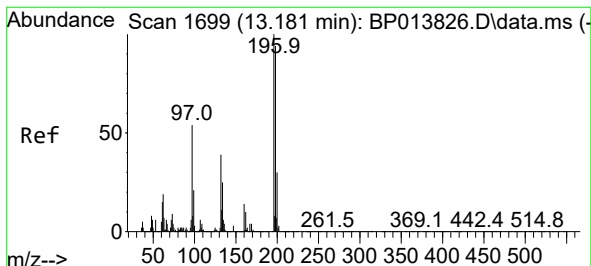
Ion Ratio Lower Upper

330 100

332 97.1 76.7 115.1

141 30.9 25.1 37.7





#43

2,4,6-Trichlorophenol

Concen: 54.699 ng

RT: 13.175 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUDMSD

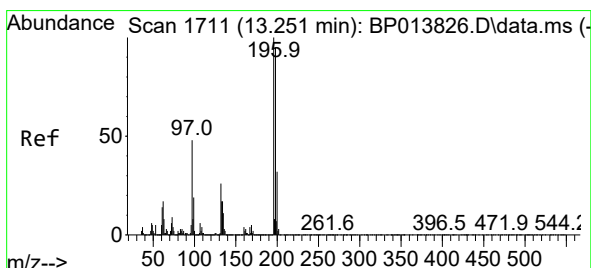
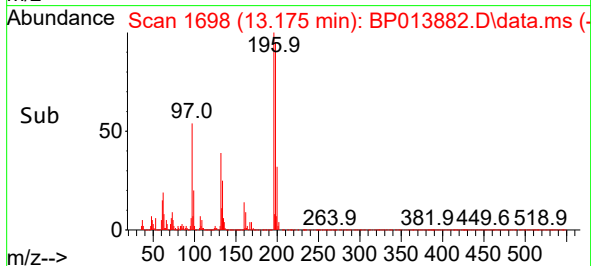
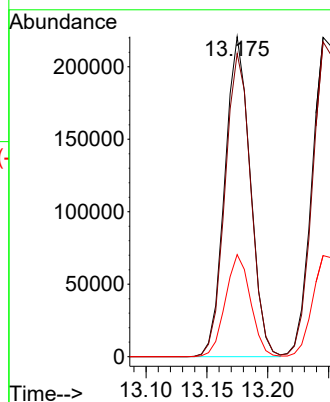
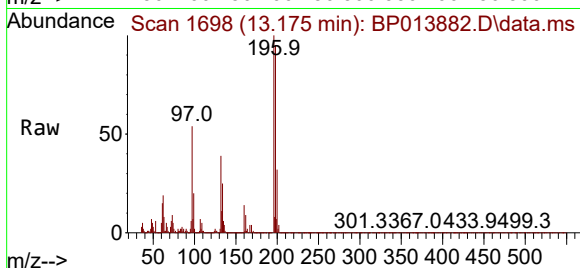
Tgt Ion:196 Resp: 320931

Ion Ratio Lower Upper

196 100

198 94.8 75.5 113.3

200 31.9 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 50.401 ng

RT: 13.245 min Scan# 1710

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Tgt Ion:196 Resp: 351461

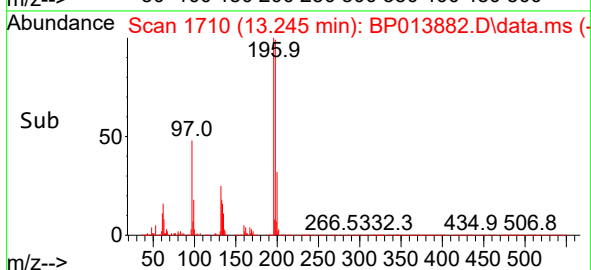
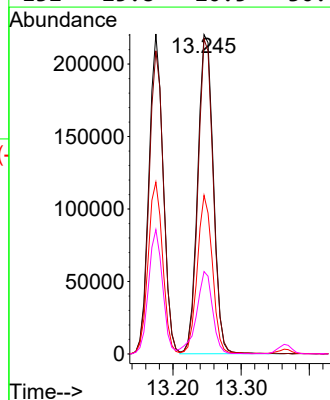
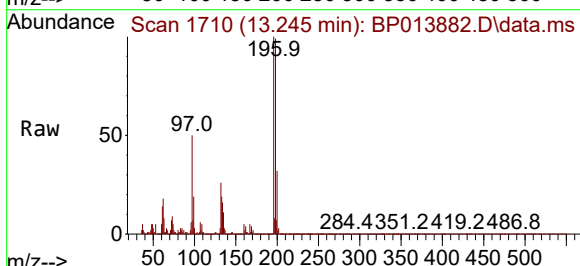
Ion Ratio Lower Upper

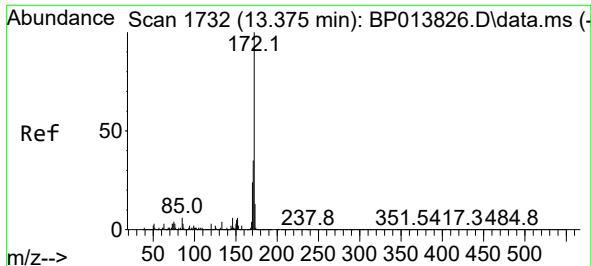
196 100

198 98.6 76.1 114.1

97 49.6 38.8 58.2

132 25.8 20.5 30.7

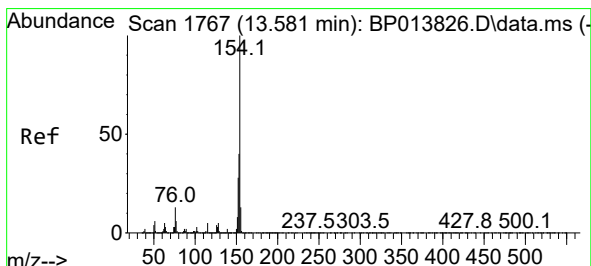
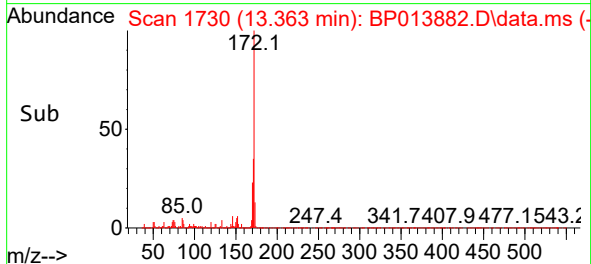
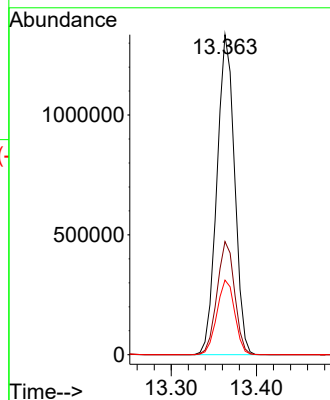
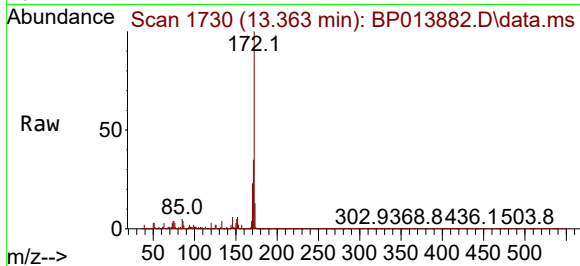




#45
2-Fluorobiphenyl
Concen: 96.944 ng
RT: 13.363 min Scan# 1730
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

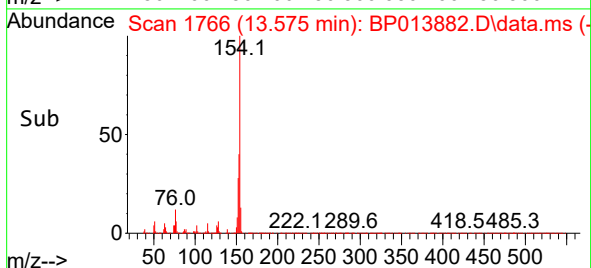
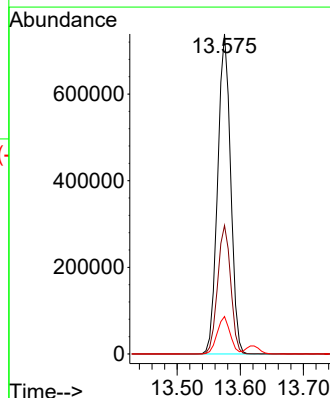
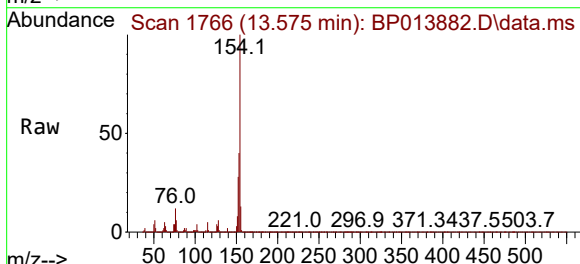
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

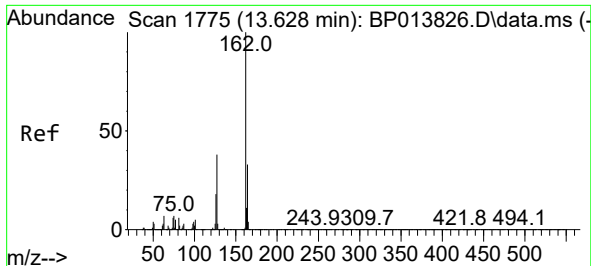
Tgt Ion:172 Resp: 1919478
Ion Ratio Lower Upper
172 100
171 35.4 28.2 42.4
170 23.3 19.0 28.4



#46
1,1'-Biphenyl
Concen: 50.083 ng
RT: 13.575 min Scan# 1766
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:154 Resp: 1052735
Ion Ratio Lower Upper
154 100
153 40.1 19.9 59.9
76 11.7 0.0 32.8

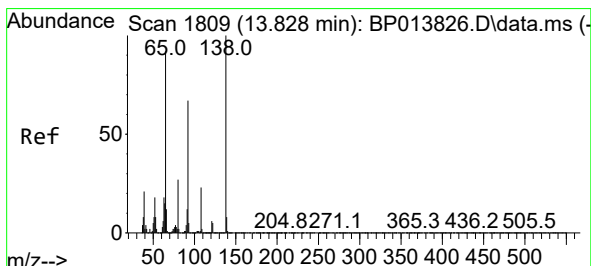
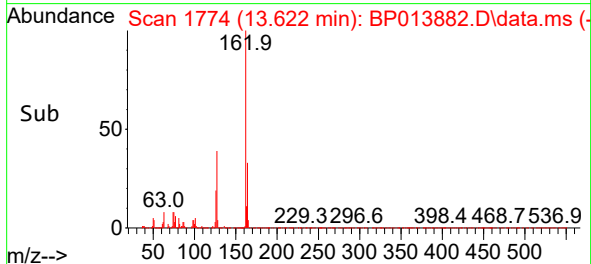
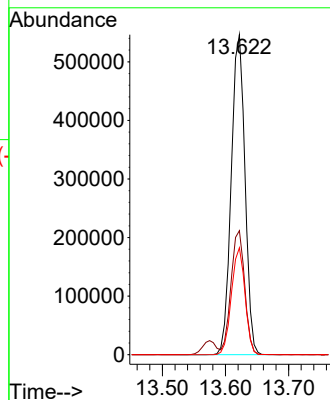
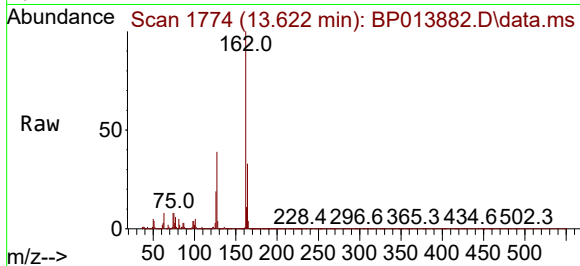




#47
2-Chloronaphthalene
Concen: 51.557 ng
RT: 13.622 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

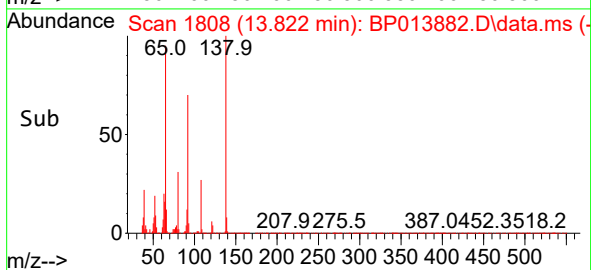
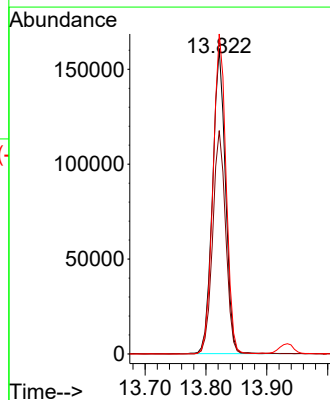
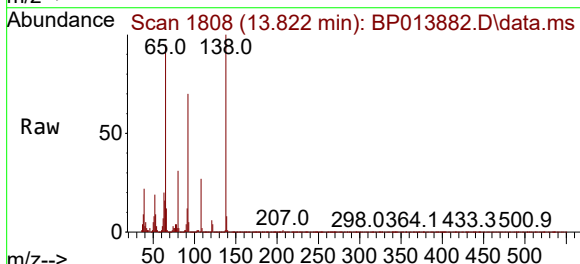
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

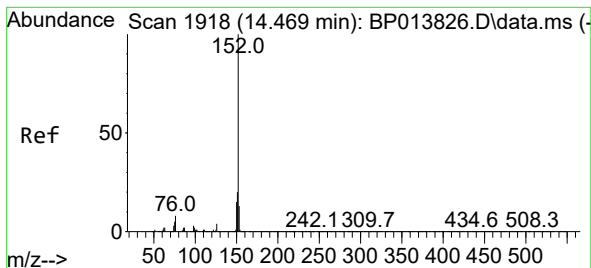
Tgt Ion:162 Resp: 825642
Ion Ratio Lower Upper
162 100
127 38.8 30.8 46.2
164 33.4 26.3 39.5



#48
2-Nitroaniline
Concen: 51.903 ng
RT: 13.822 min Scan# 1808
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion: 65 Resp: 237359
Ion Ratio Lower Upper
65 100
92 73.1 58.7 88.1
138 104.8 87.3 130.9





#49

Acenaphthylene

Concen: 51.137 ng

RT: 14.463 min Scan# 1918

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUDMSD

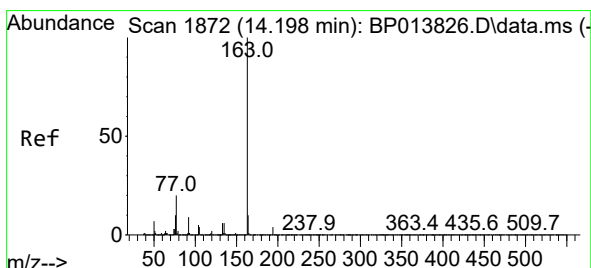
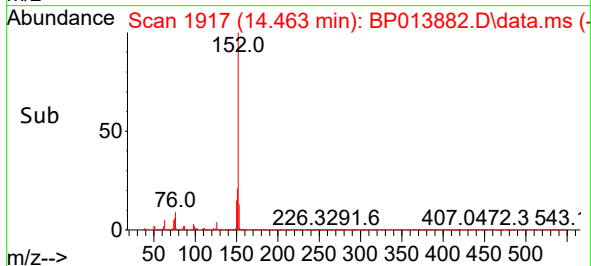
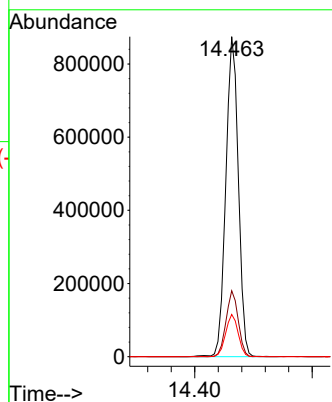
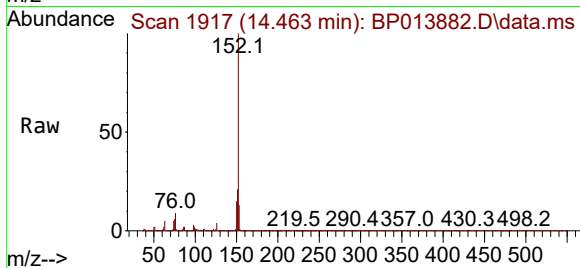
Tgt Ion:152 Resp: 1290874

Ion Ratio Lower Upper

152 100

151 20.6 15.8 23.8

153 13.2 10.7 16.1



#50

Dimethylphthalate

Concen: 50.575 ng

RT: 14.192 min Scan# 1871

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

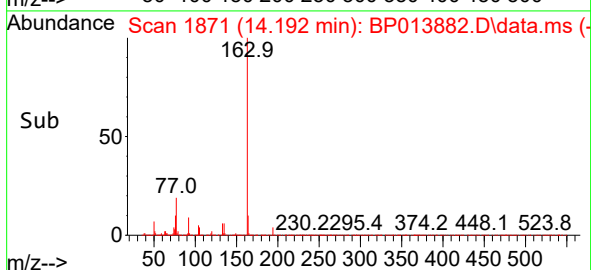
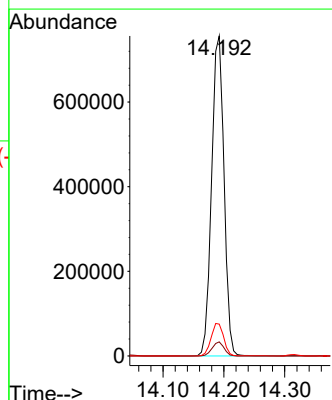
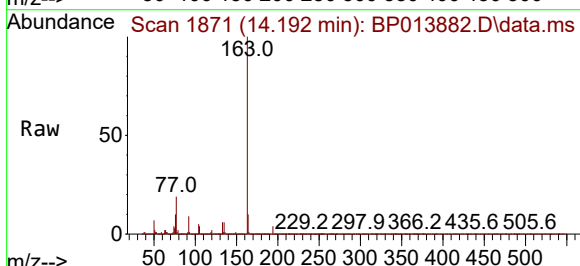
Tgt Ion:163 Resp: 1070272

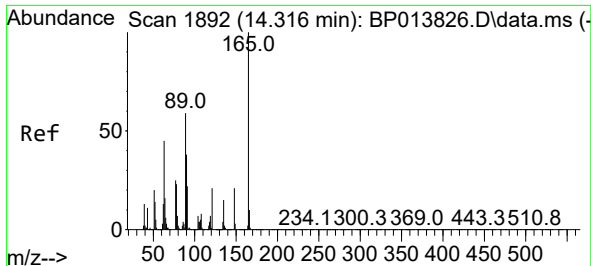
Ion Ratio Lower Upper

163 100

194 4.4 3.4 5.2

164 10.0 8.0 12.0

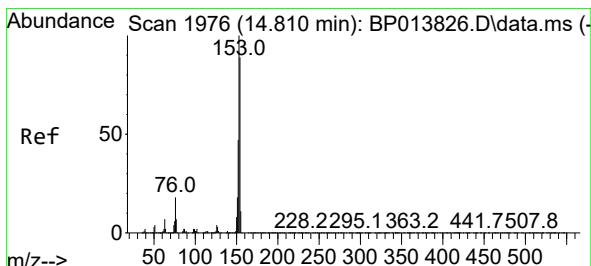
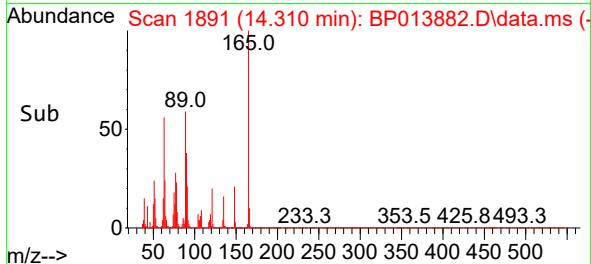
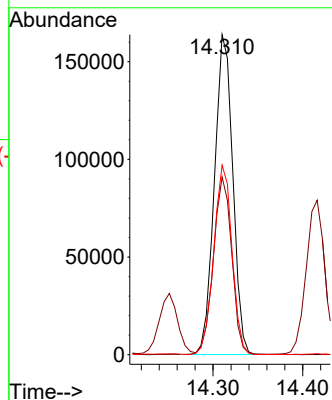
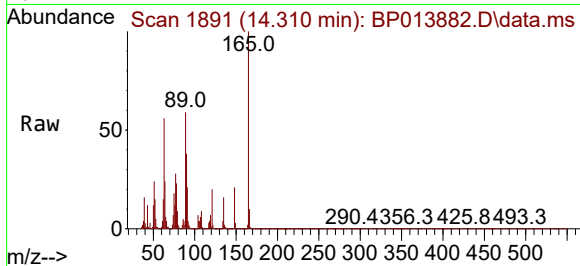




#51
2,6-Dinitrotoluene
Concen: 50.210 ng
RT: 14.310 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

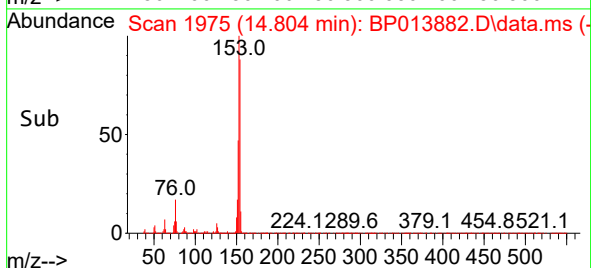
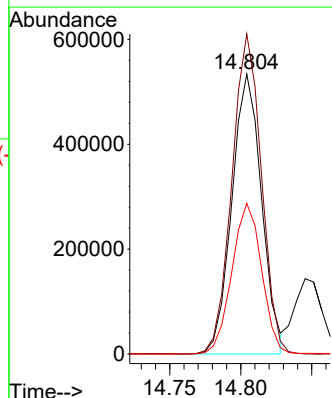
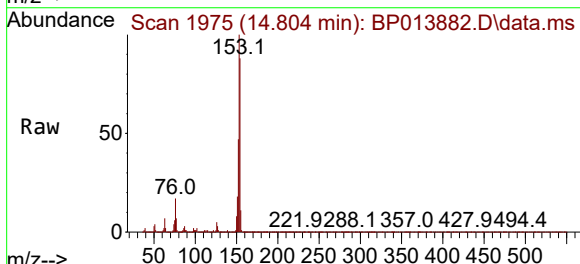
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

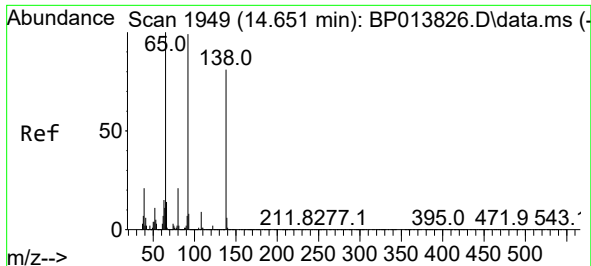
Tgt Ion:165 Resp: 232741
Ion Ratio Lower Upper
165 100
63 55.6 42.6 63.8
89 59.2 47.1 70.7



#52
Acenaphthene
Concen: 50.371 ng
RT: 14.804 min Scan# 1975
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:154 Resp: 773751
Ion Ratio Lower Upper
154 100
153 114.3 90.4 135.6
152 53.7 42.6 64.0

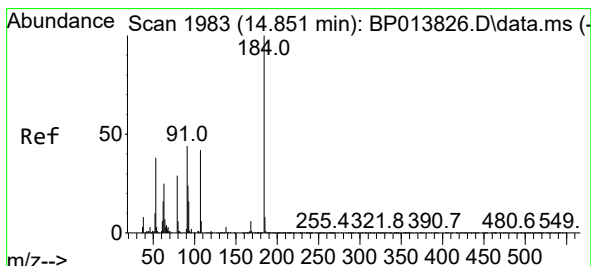
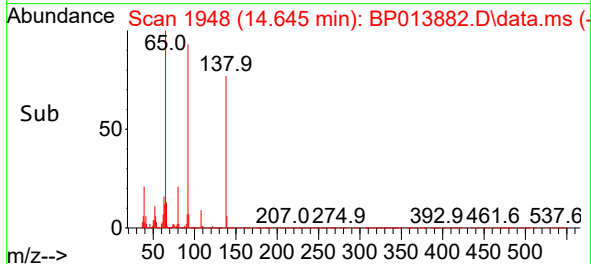
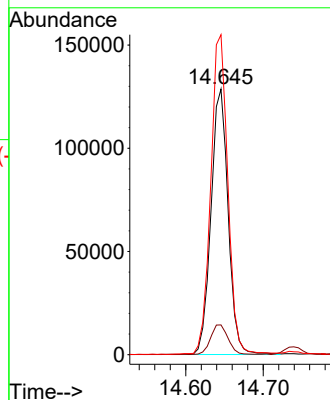
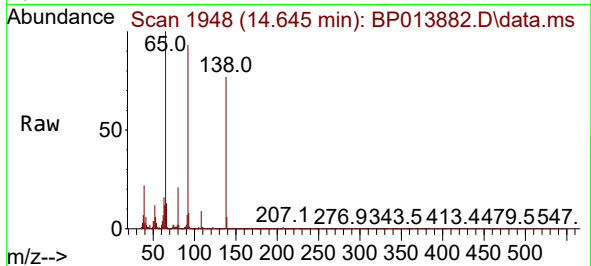




#53
3-Nitroaniline
Concen: 41.397 ng
RT: 14.645 min Scan# 1949
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

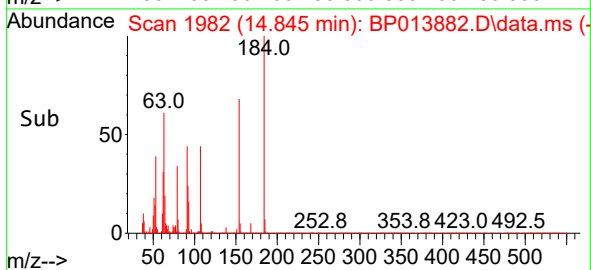
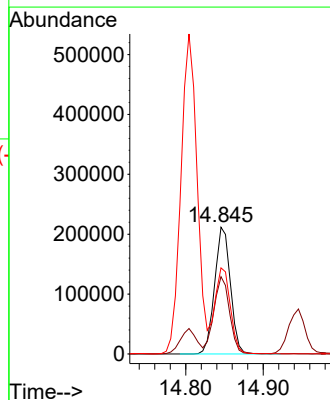
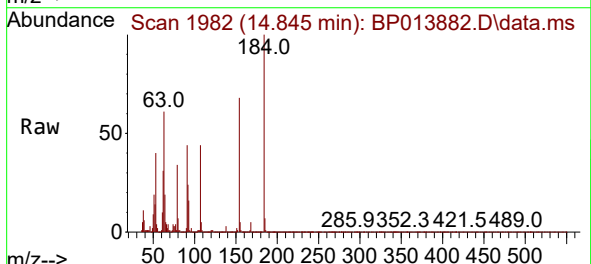
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

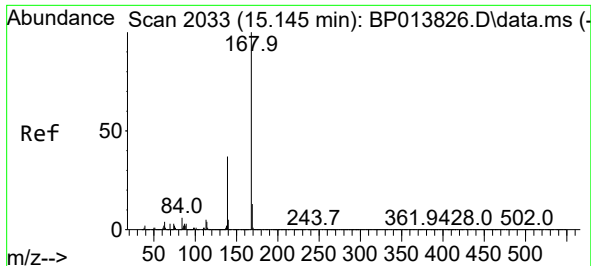
Tgt Ion:138 Resp: 197917
Ion Ratio Lower Upper
138 100
108 11.2 9.0 13.4
92 120.5 97.1 145.7



#54
2,4-Dinitrophenol
Concen: 97.603 ng
RT: 14.845 min Scan# 1982
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:184 Resp: 300668
Ion Ratio Lower Upper
184 100
63 61.1 47.0 70.4
154 68.0 51.5 77.3

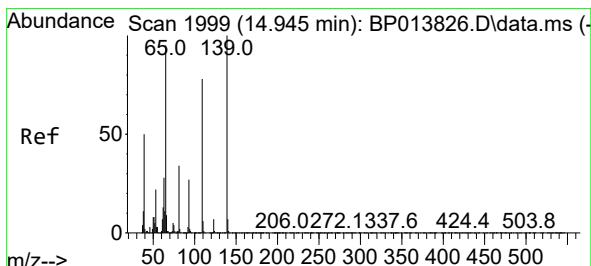
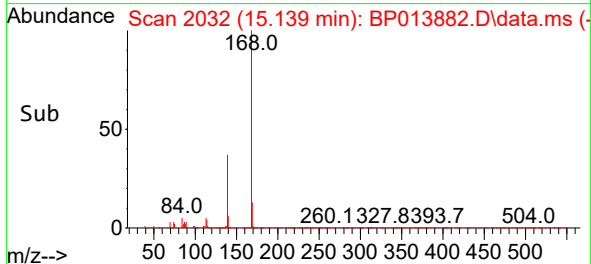
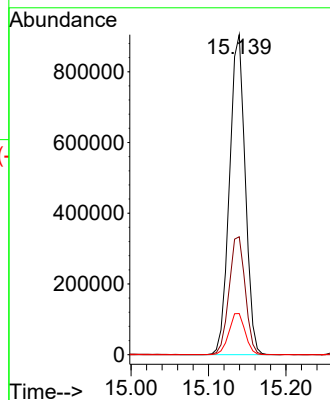
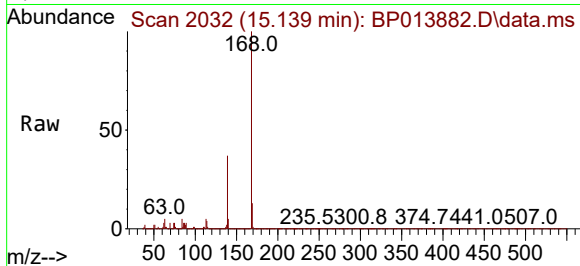




#55
Dibenzofuran
Concen: 50.006 ng
RT: 15.139 min Scan# 2032
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

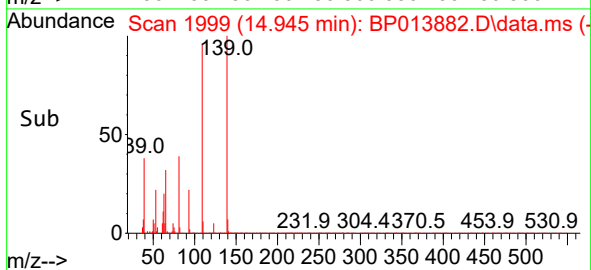
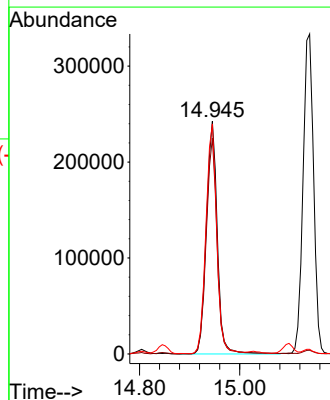
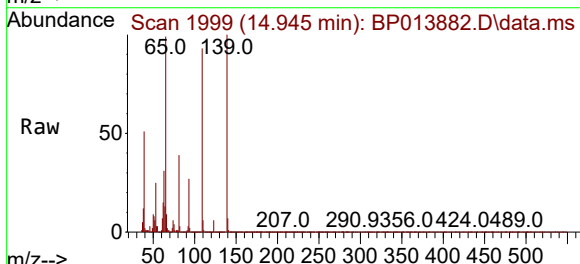
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

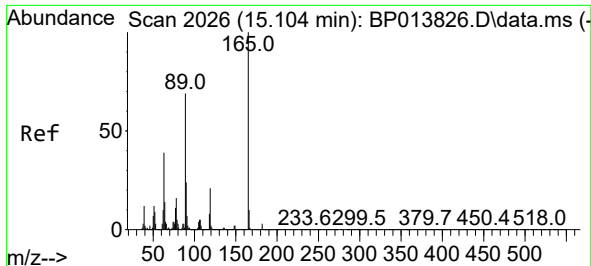
Tgt Ion:168 Resp: 1278130
Ion Ratio Lower Upper
168 100
139 36.9 29.8 44.8
169 12.8 10.8 16.2



#56
4-Nitrophenol
Concen: 97.369 ng
RT: 14.945 min Scan# 1999
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:139 Resp: 368323
Ion Ratio Lower Upper
139 100
109 92.8 58.2 98.2
65 98.9 74.9 114.9

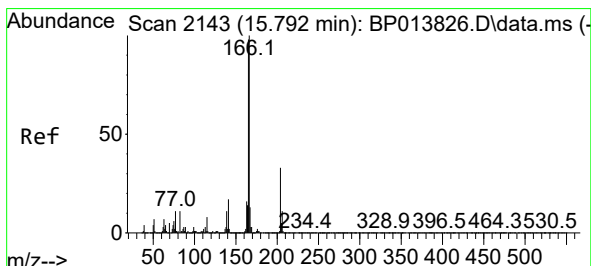
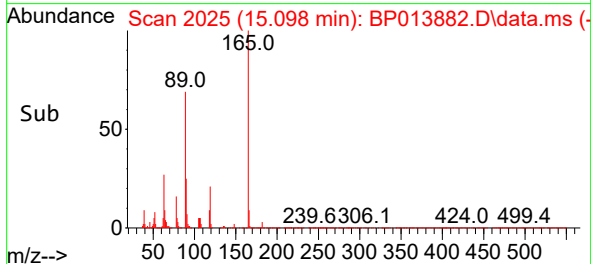
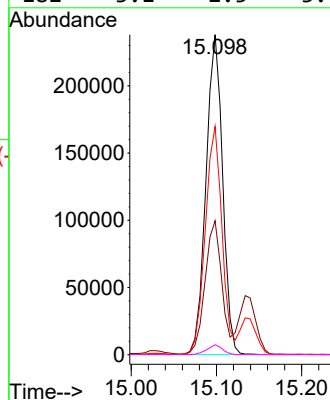
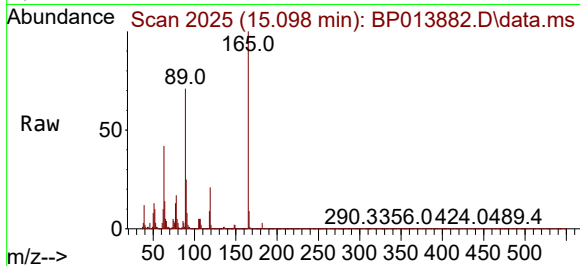




#57
2,4-Dinitrotoluene
Concen: 51.598 ng
RT: 15.098 min Scan# 20
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

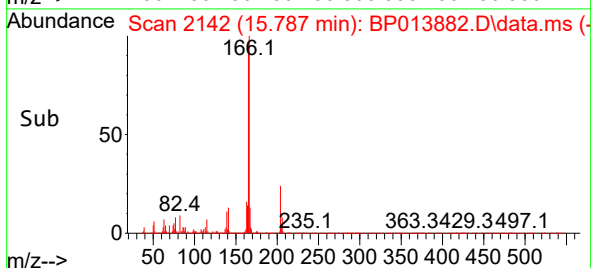
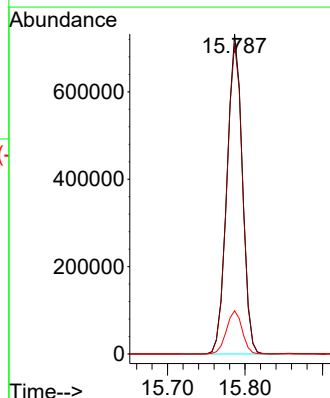
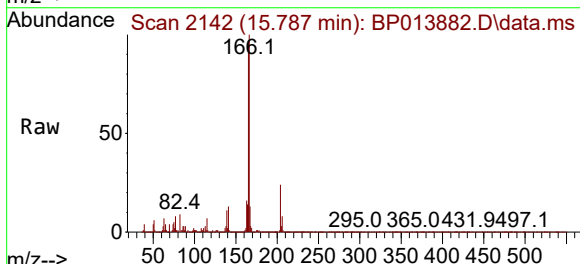
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

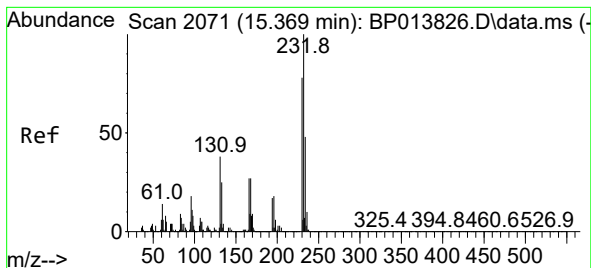
Tgt Ion:165 Resp: 322377
Ion Ratio Lower Upper
165 100
63 41.8 31.1 46.7
89 71.3 54.9 82.3
182 3.1 2.5 3.7



#58
Fluorene
Concen: 50.448 ng
RT: 15.787 min Scan# 2142
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:166 Resp: 1011025
Ion Ratio Lower Upper
166 100
165 97.2 78.1 117.1
167 13.5 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 55.166 ng

RT: 15.357 min Scan# 2071

Delta R.T. -0.006 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUDMSD

Tgt Ion:232 Resp: 331169

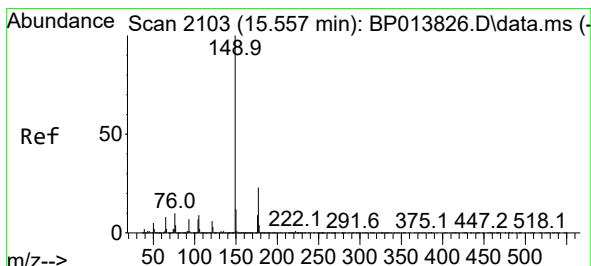
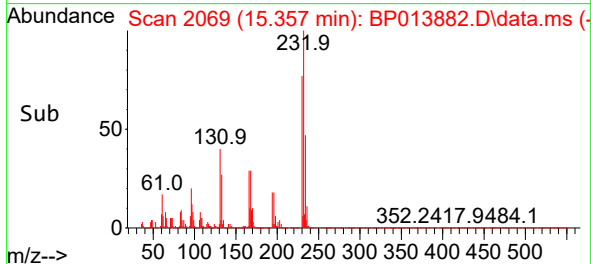
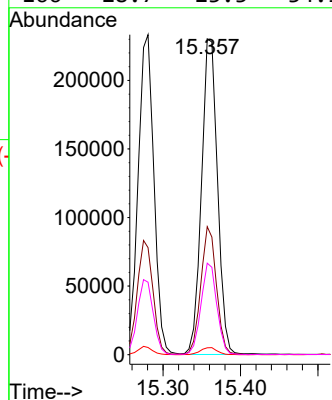
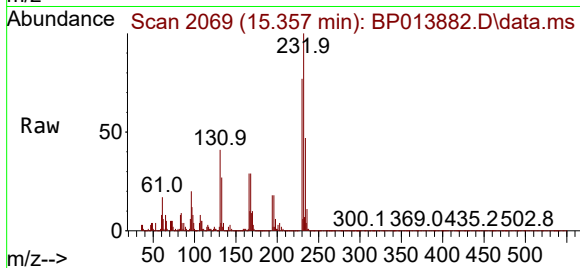
Ion Ratio Lower Upper

232 100

131 39.3 31.7 47.5

130 2.4 1.7 2.5

166 28.7 23.3 34.9



#60

Diethylphthalate

Concen: 51.311 ng

RT: 15.551 min Scan# 2102

Delta R.T. 0.006 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

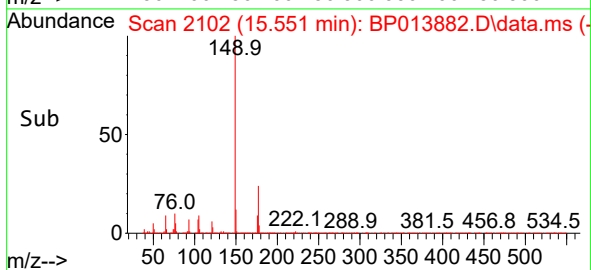
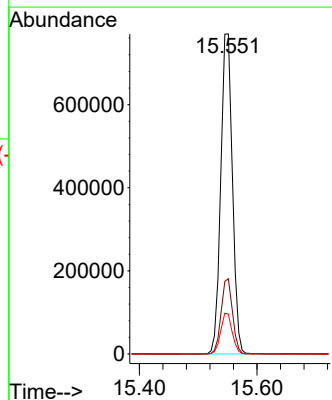
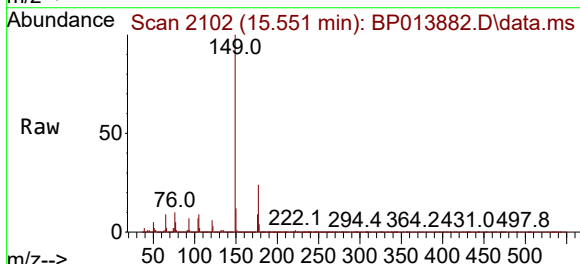
Tgt Ion:149 Resp: 1058838

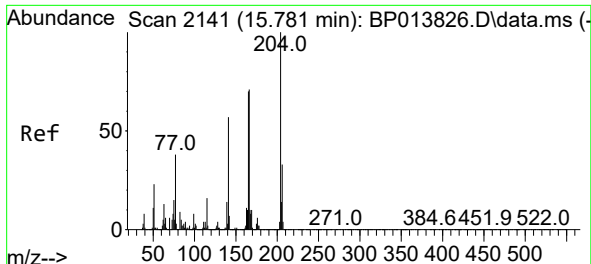
Ion Ratio Lower Upper

149 100

177 23.5 18.4 27.6

150 12.5 9.8 14.8

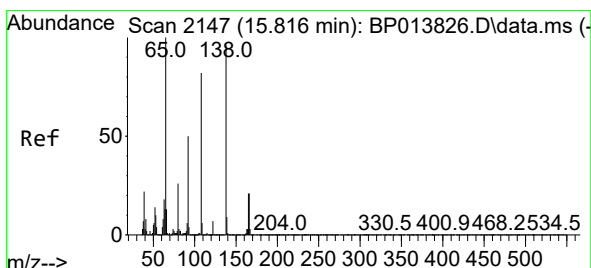
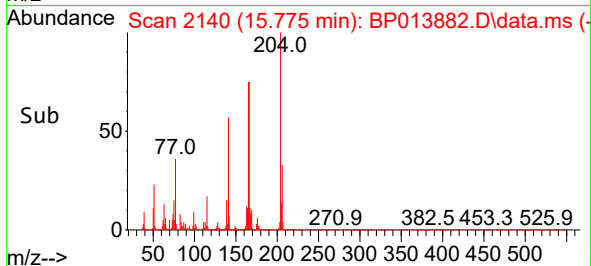
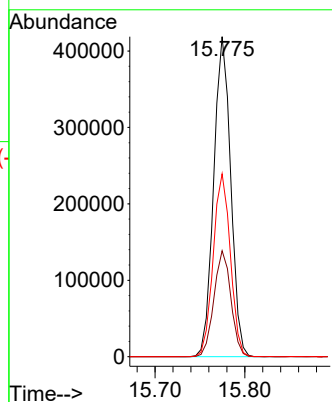
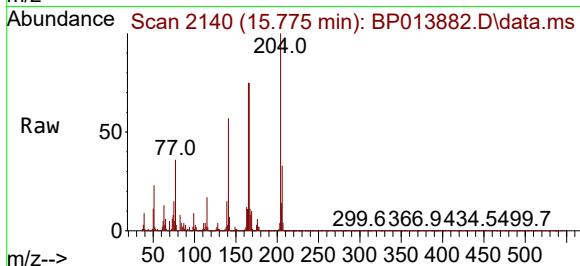




#61
4-Chlorophenyl-phenylether
Concen: 50.747 ng
RT: 15.775 min Scan# 2140
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

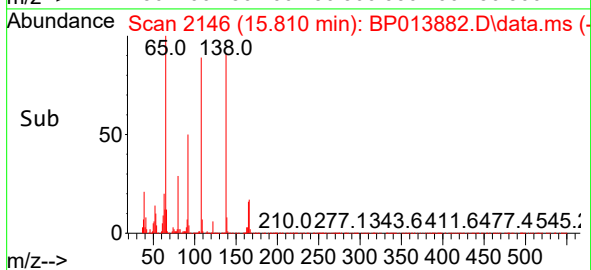
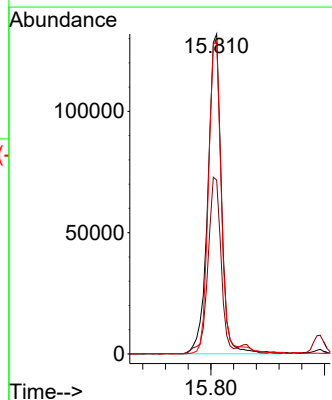
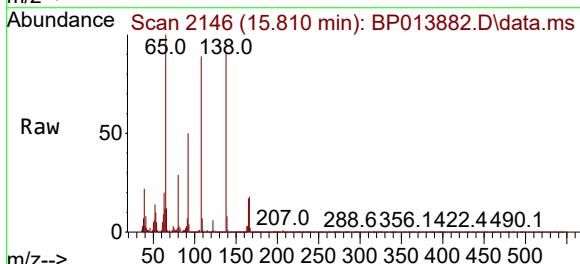
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

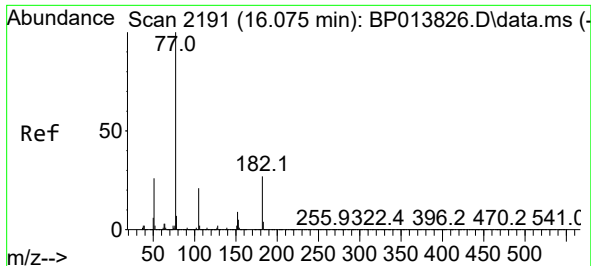
Tgt Ion:204 Resp: 551041
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.2
141 57.1 45.3 67.9



#62
4-Nitroaniline
Concen: 44.283 ng
RT: 15.810 min Scan# 2146
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:138 Resp: 218294
Ion Ratio Lower Upper
138 100
92 54.4 32.0 72.0
108 98.0 65.6 105.6

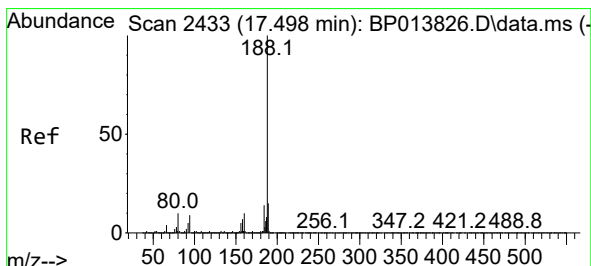
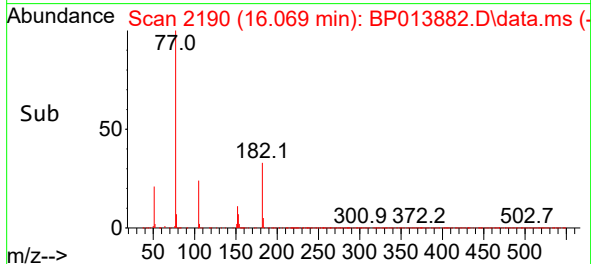
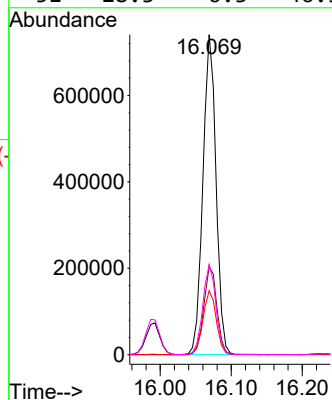
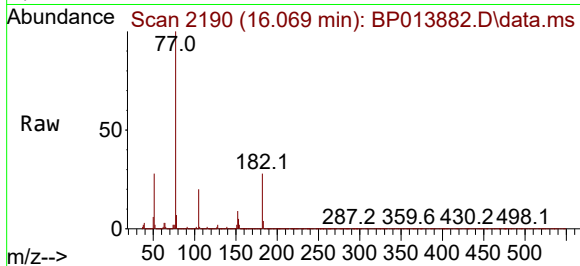




#63
Azobenzene
Concen: 50.941 ng
RT: 16.069 min Scan# 2191
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

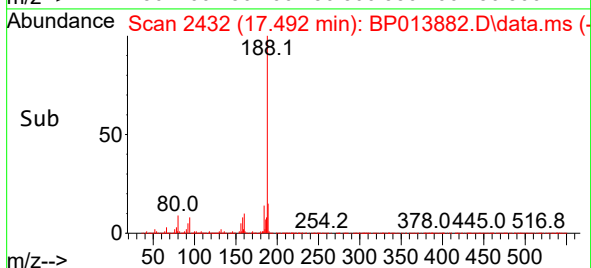
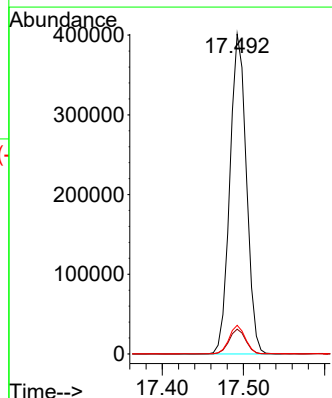
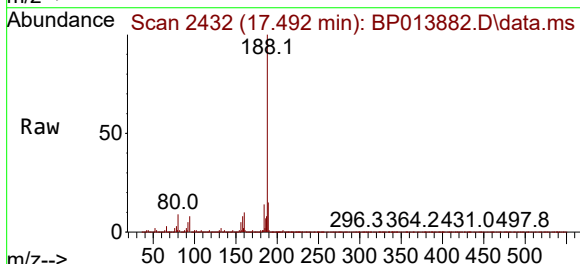
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

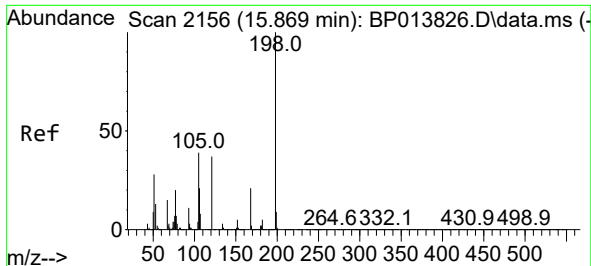
Tgt Ion: 77	Resp: 951056
Ion Ratio	Lower Upper
77 100	
182 27.5	6.9 46.9
105 20.0	1.1 41.1
51 28.3	6.3 46.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.492 min Scan# 2432
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:188	Resp: 567065
Ion Ratio	Lower Upper
188 100	
94 7.8	7.0 10.6
80 9.0	7.8 11.8

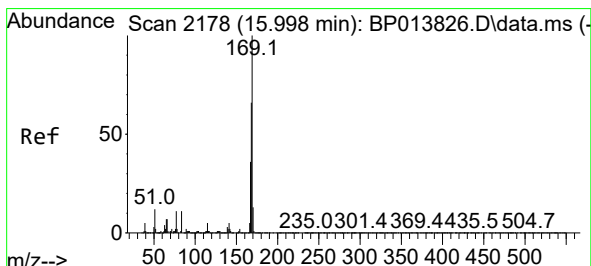
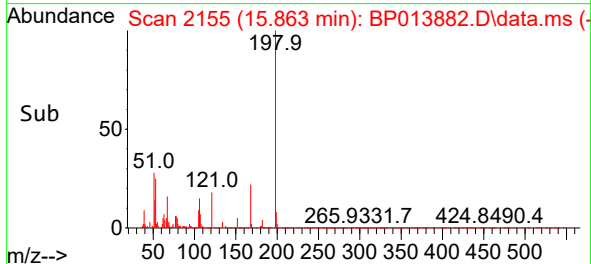
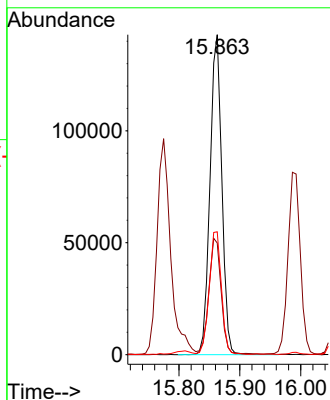
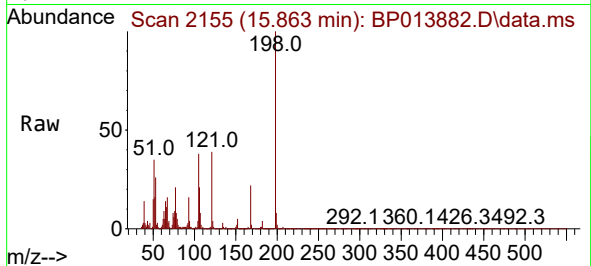




#65
4,6-Dinitro-2-methylphenol
Concen: 48.218 ng
RT: 15.863 min Scan# 2155
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

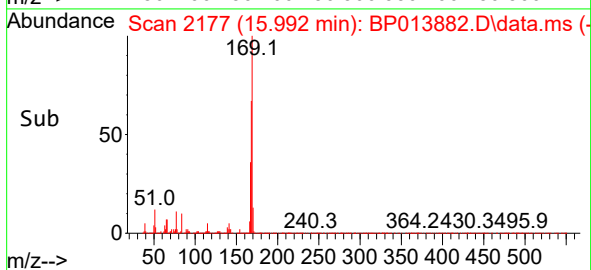
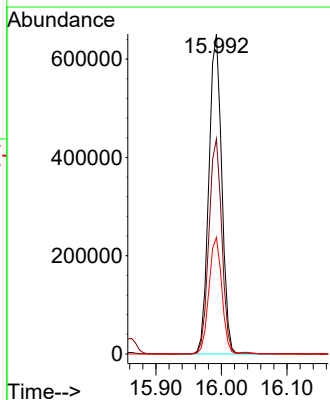
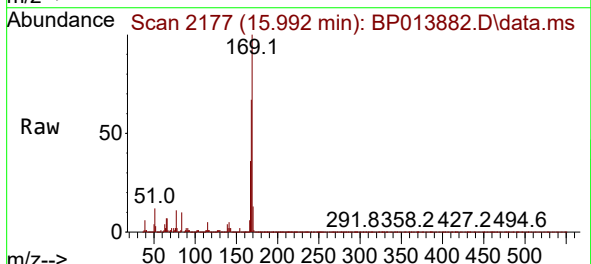
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

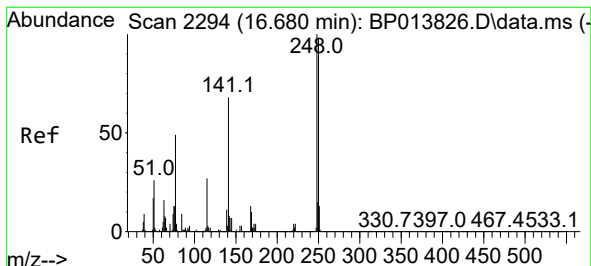
Tgt Ion:198 Resp: 192929
Ion Ratio Lower Upper
198 100
51 34.9 14.3 54.3
105 38.4 20.5 60.5



#66
n-Nitrosodiphenylamine
Concen: 51.780 ng
RT: 15.992 min Scan# 2177
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:169 Resp: 889377
Ion Ratio Lower Upper
169 100
168 67.2 53.0 79.6
167 36.4 29.0 43.4





#67

4-Bromophenyl-phenylether

Concen: 52.638 ng

RT: 16.675 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUDMSD

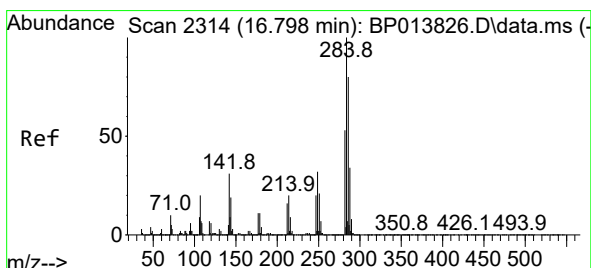
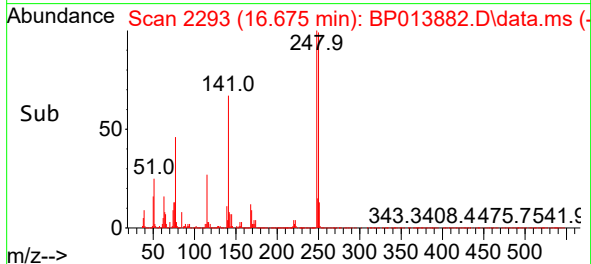
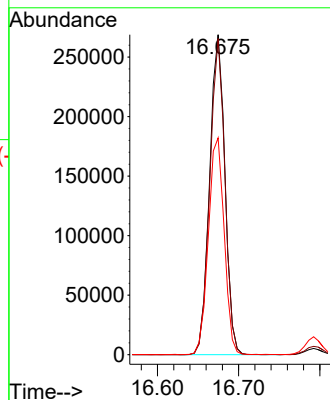
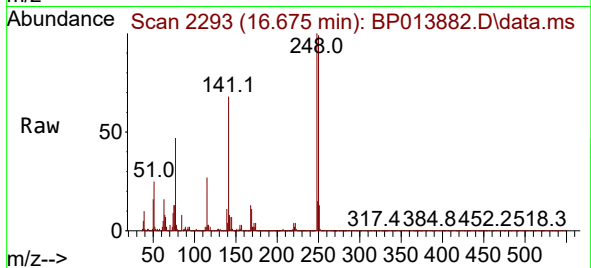
Tgt Ion:248 Resp: 352315

Ion Ratio Lower Upper

248 100

250 98.8 78.1 117.1

141 67.7 54.3 81.5



#68

Hexachlorobenzene

Concen: 55.205 ng

RT: 16.792 min Scan# 2313

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

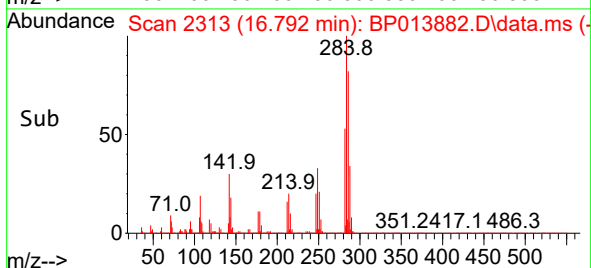
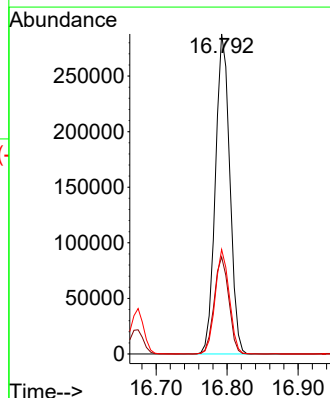
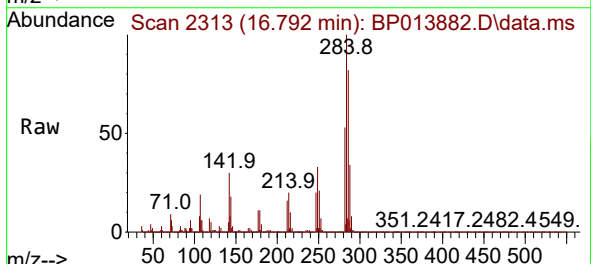
Tgt Ion:284 Resp: 403339

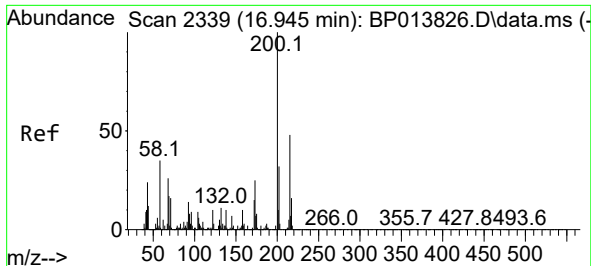
Ion Ratio Lower Upper

284 100

142 30.3 24.8 37.2

249 32.6 25.8 38.6

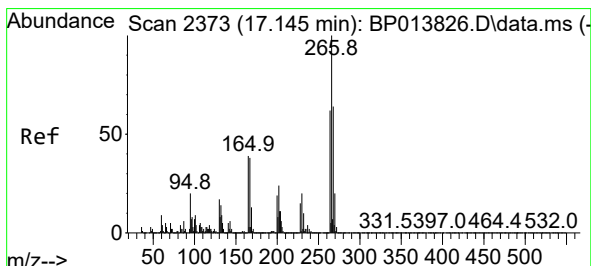
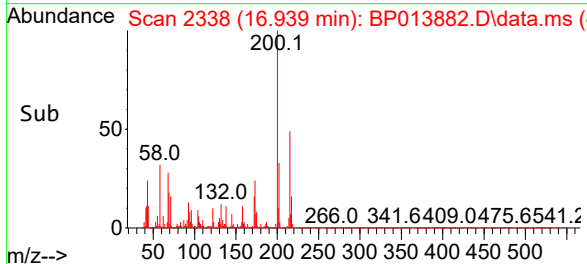
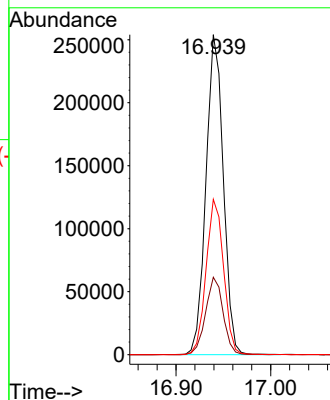
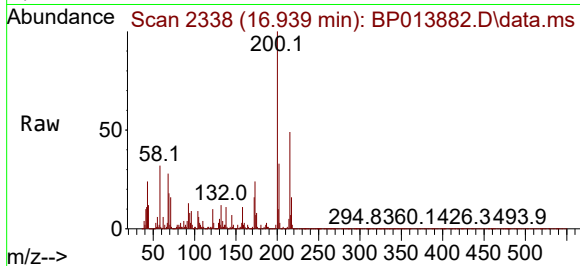




#69
 Atrazine
 Concen: 55.182 ng
 RT: 16.939 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BP013882.D
 Acq: 23 Feb 2023 16:26

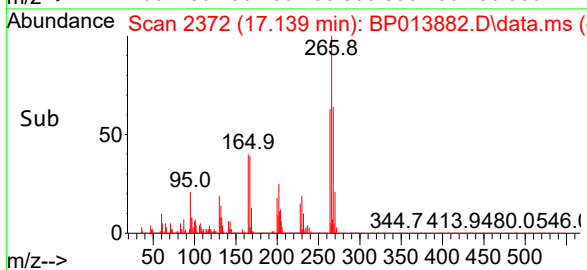
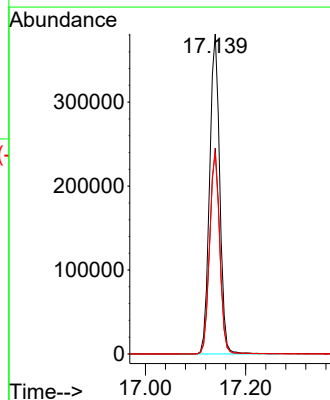
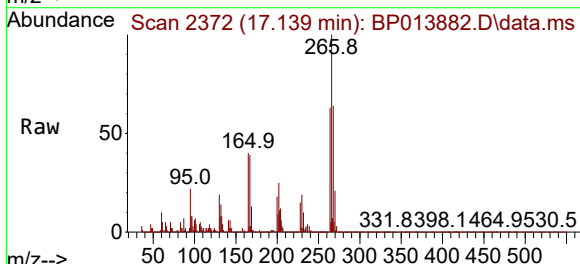
Instrument :
 BNA_P
 ClientSampleId :
 WEIR-TANK-MUDMSD

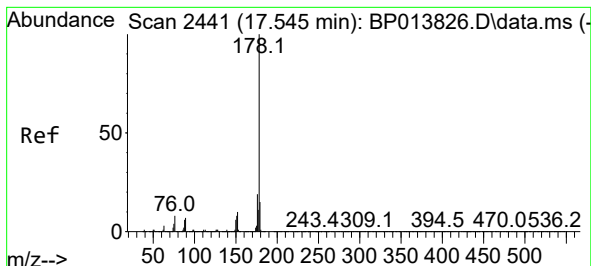
Tgt Ion:200 Resp: 323155
 Ion Ratio Lower Upper
 200 100
 173 24.2 5.2 45.2
 215 48.6 28.4 68.4



#70
 Pentachlorophenol
 Concen: 99.301 ng
 RT: 17.139 min Scan# 2372
 Delta R.T. -0.000 min
 Lab File: BP013882.D
 Acq: 23 Feb 2023 16:26

Tgt Ion:266 Resp: 534895
 Ion Ratio Lower Upper
 266 100
 268 64.3 50.9 76.3
 264 62.8 49.4 74.0





#71

Phenanthrene

Concen: 50.720 ng

RT: 17.539 min Scan# 2441

Delta R.T. 0.006 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUDMSD

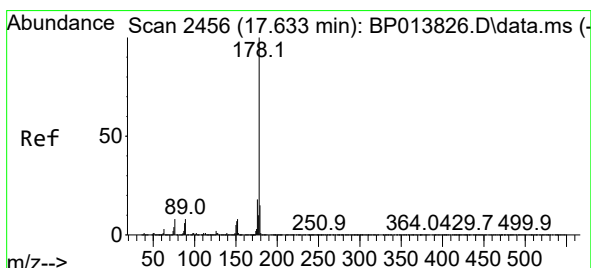
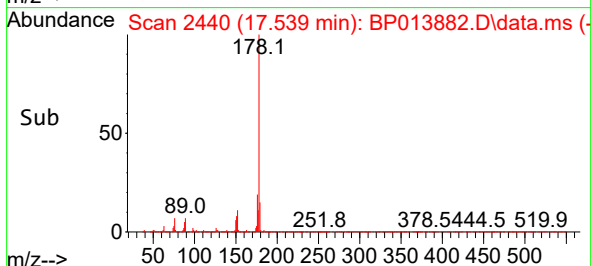
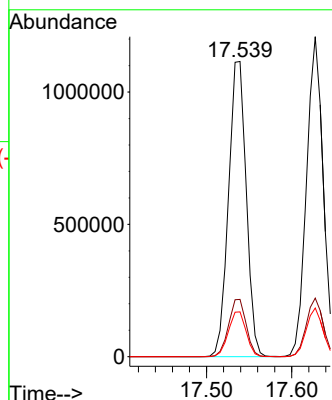
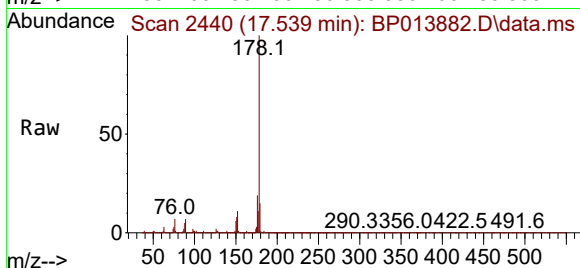
Tgt Ion:178 Resp: 1611268

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.2 12.2 18.4



#72

Anthracene

Concen: 51.664 ng

RT: 17.628 min Scan# 2455

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

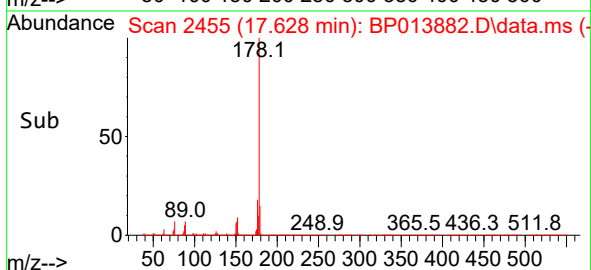
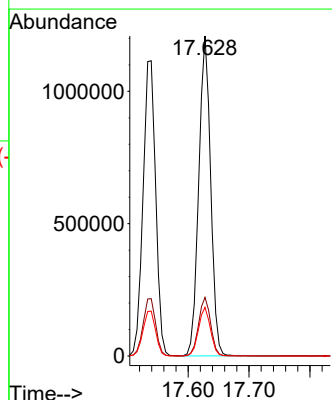
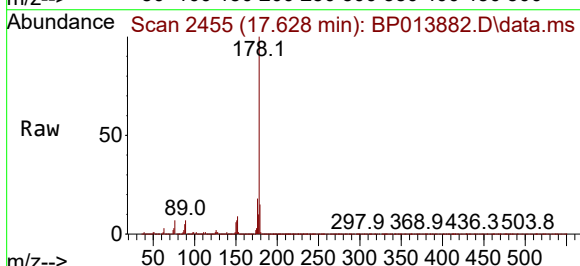
Tgt Ion:178 Resp: 1641097

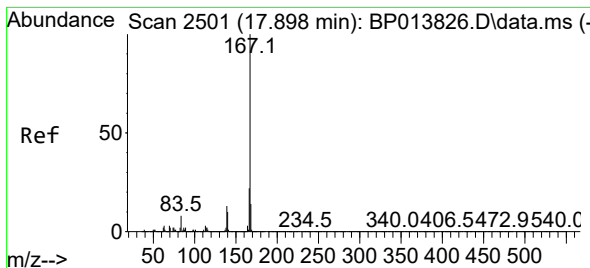
Ion Ratio Lower Upper

178 100

176 18.3 14.7 22.1

179 15.2 12.4 18.6





#73

Carbazole

Concen: 51.065 ng

RT: 17.892 min Scan# 2500

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUDMSD

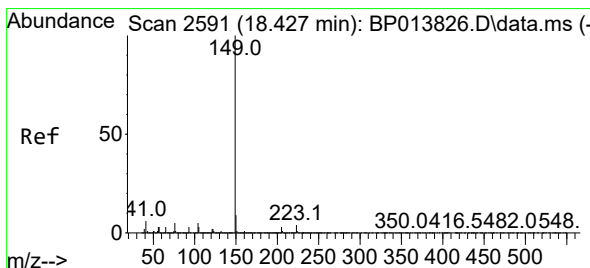
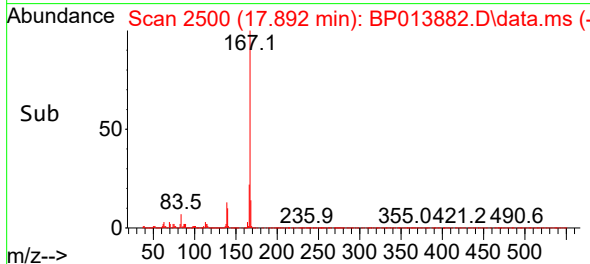
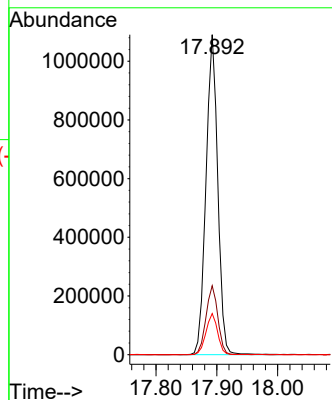
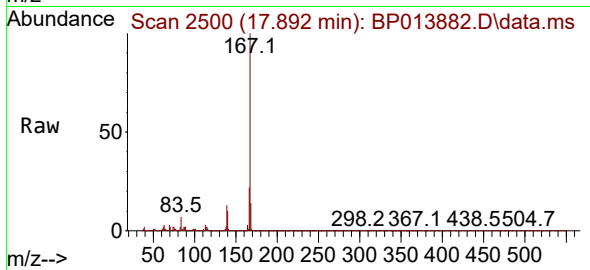
Tgt Ion:167 Resp: 1460303

Ion Ratio Lower Upper

167 100

166 21.6 17.7 26.5

139 12.9 10.2 15.2



#74

Di-n-butylphthalate

Concen: 49.045 ng

RT: 18.422 min Scan# 2590

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

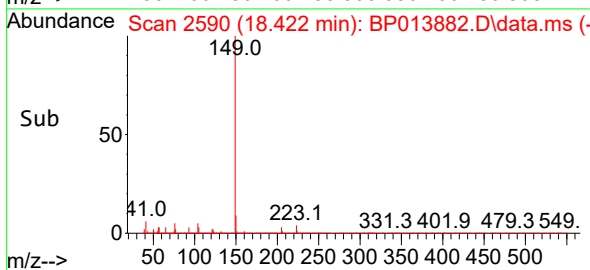
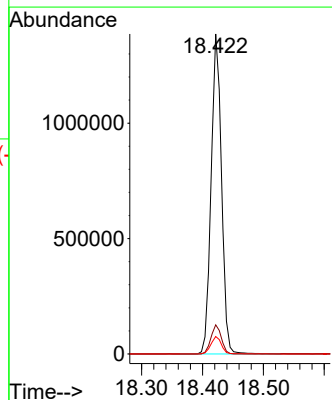
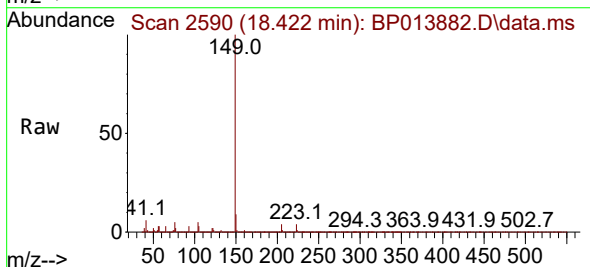
Tgt Ion:149 Resp: 1643274

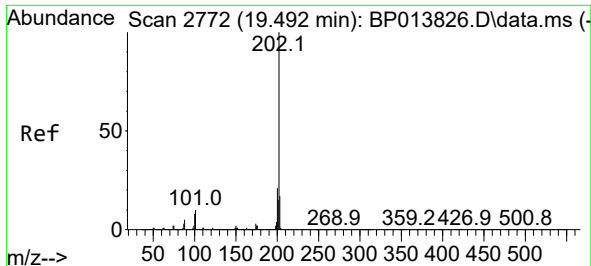
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 5.5 4.1 6.1

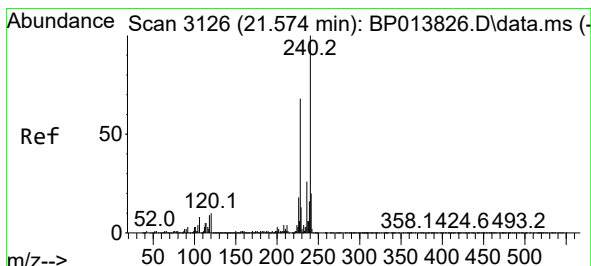
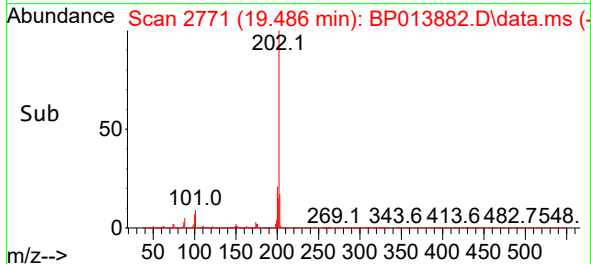
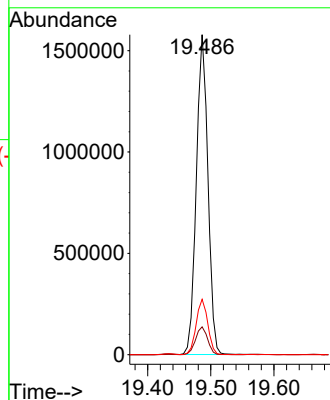
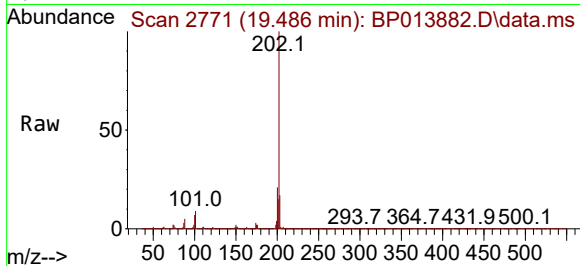




#75
Fluoranthene
Concen: 50.664 ng
RT: 19.486 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

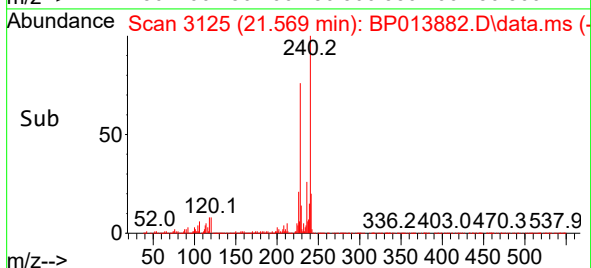
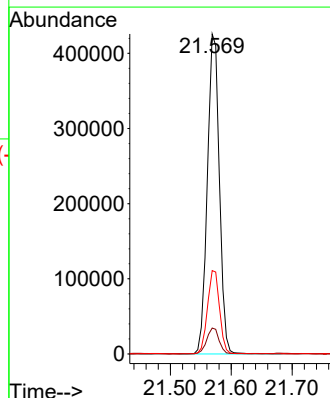
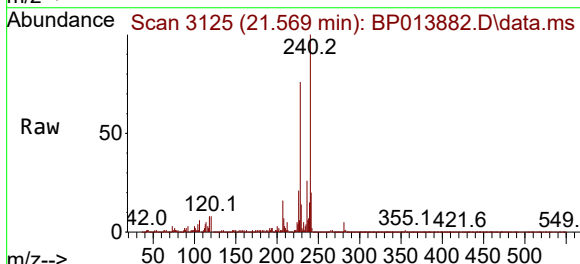
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

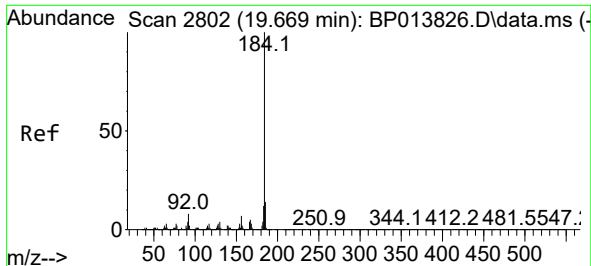
Tgt Ion:202 Resp: 2006412
Ion Ratio Lower Upper
202 100
101 8.7 0.0 30.0
203 17.3 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.569 min Scan# 3125
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:240 Resp: 583596
Ion Ratio Lower Upper
240 100
120 8.1 7.9 11.9
236 26.1 20.9 31.3

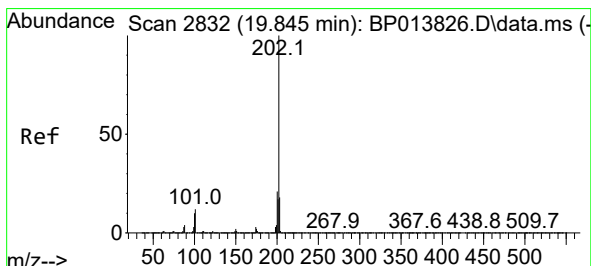
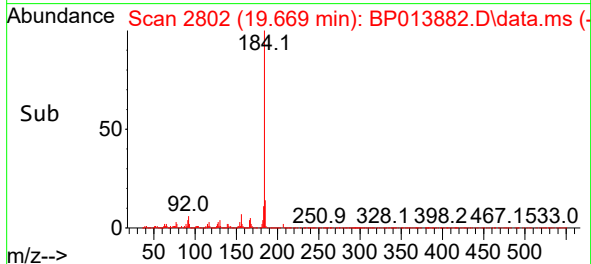
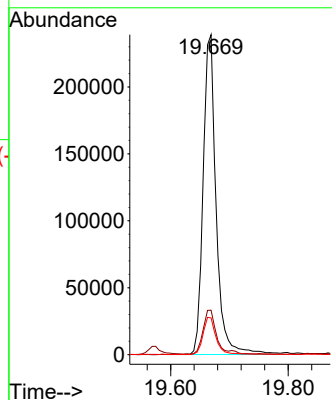
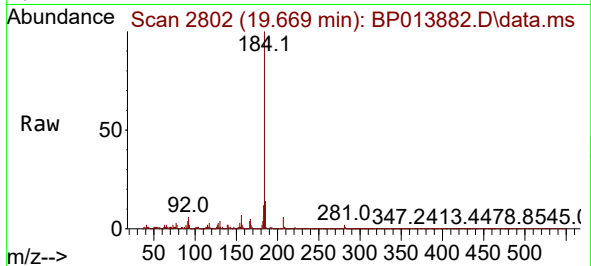




#77
Benzidine
Concen: 31.514 ng
RT: 19.669 min Scan# 2802
Delta R.T. 0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

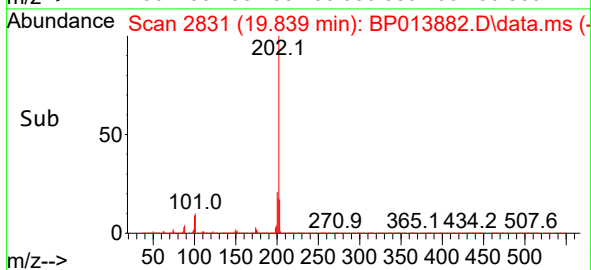
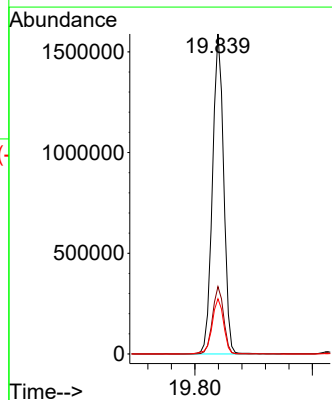
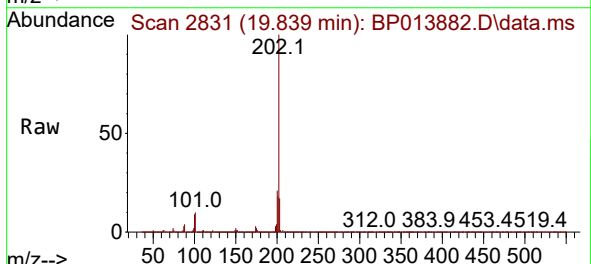
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

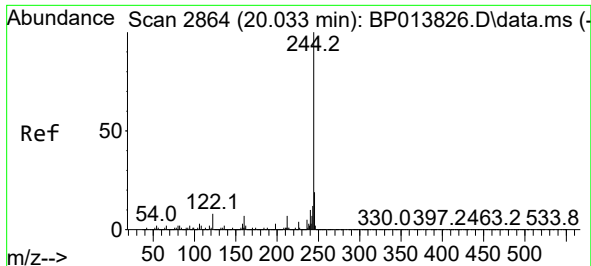
Tgt Ion:184 Resp: 366039
Ion Ratio Lower Upper
184 100
185 13.9 11.4 17.0
183 11.5 9.6 14.4



#78
Pyrene
Concen: 52.467 ng
RT: 19.839 min Scan# 2831
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:202 Resp: 2092451
Ion Ratio Lower Upper
202 100
200 21.1 16.9 25.3
203 17.3 14.2 21.2

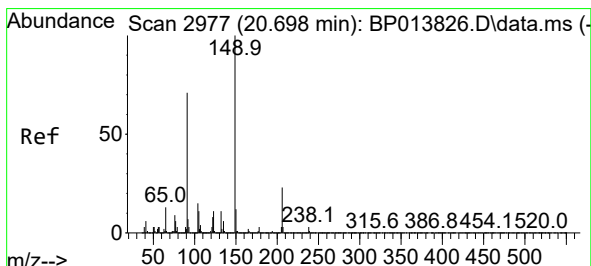
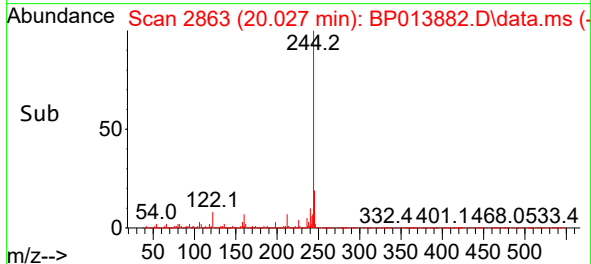
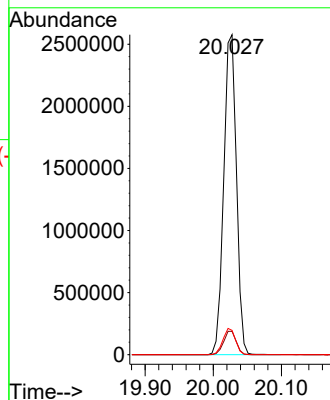
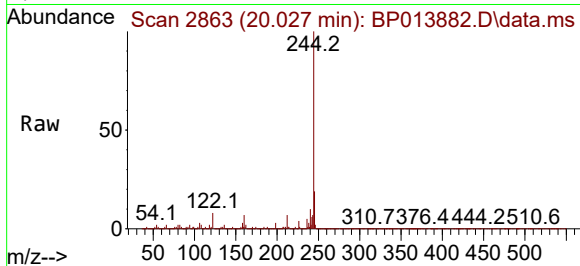




#79
Terphenyl-d14
Concen: 109.976 ng
RT: 20.027 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

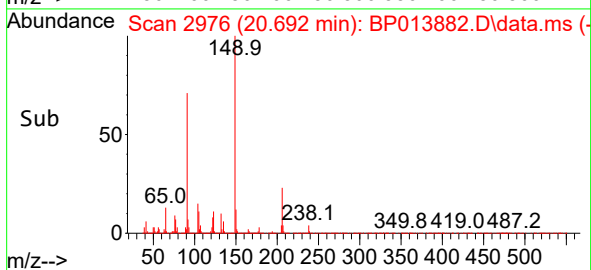
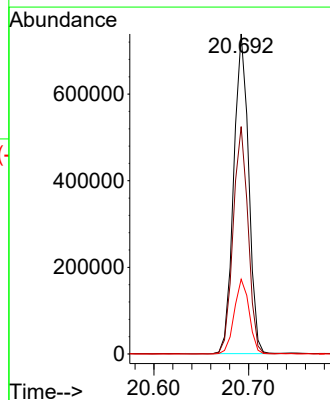
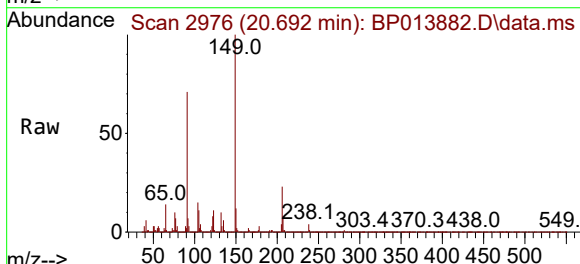
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

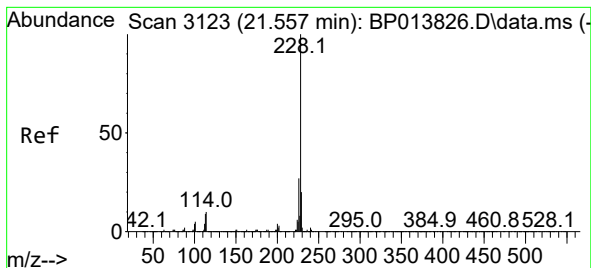
Tgt Ion:244 Resp: 3335843
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.6
122 7.6 6.7 10.1



#80
Butylbenzylphthalate
Concen: 57.089 ng
RT: 20.692 min Scan# 2976
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:149 Resp: 809220
Ion Ratio Lower Upper
149 100
91 71.1 56.8 85.2
206 23.4 18.1 27.1





#81

Benzo(a)anthracene

Concen: 52.202 ng

RT: 21.551 min Scan# 3109

Delta R.T. -0.006 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUDMSD

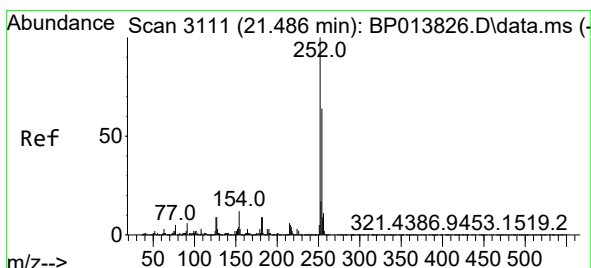
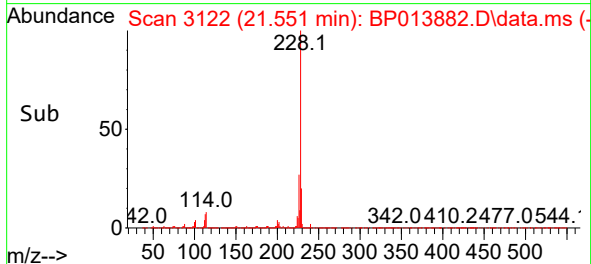
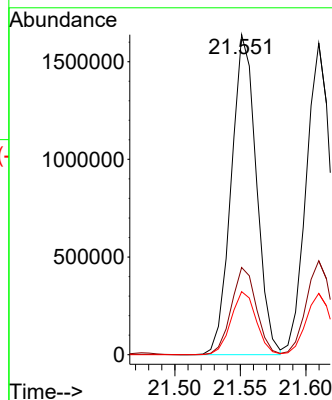
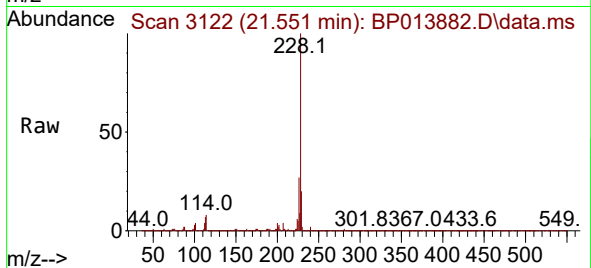
Tgt Ion:228 Resp: 2181550

Ion Ratio Lower Upper

228 100

226 27.3 21.7 32.5

229 19.7 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 51.572 ng

RT: 21.474 min Scan# 3109

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

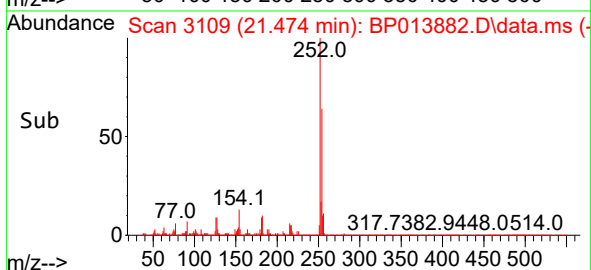
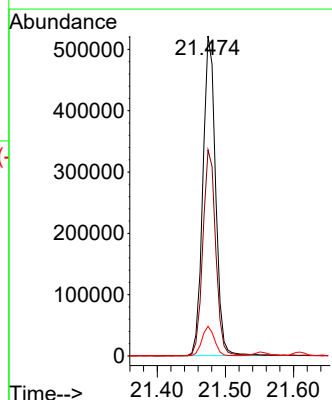
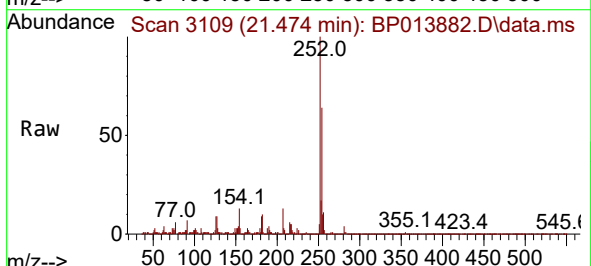
Tgt Ion:252 Resp: 678061

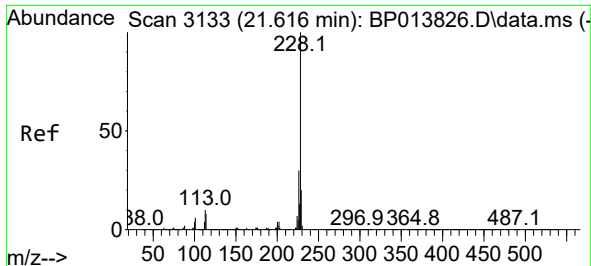
Ion Ratio Lower Upper

252 100

254 64.4 51.4 77.0

126 9.3 7.4 11.0





#83

Chrysene

Concen: 51.164 ng

RT: 21.610 min Scan# 3133

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUDMSD

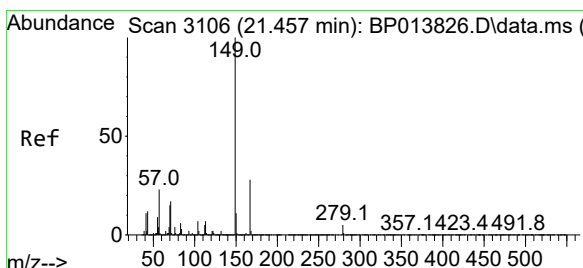
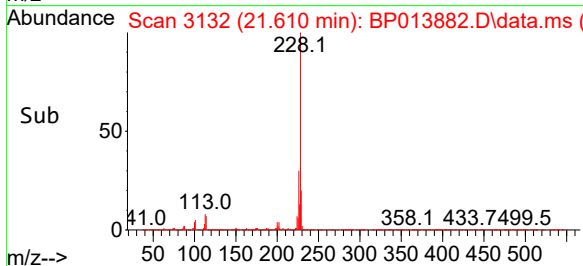
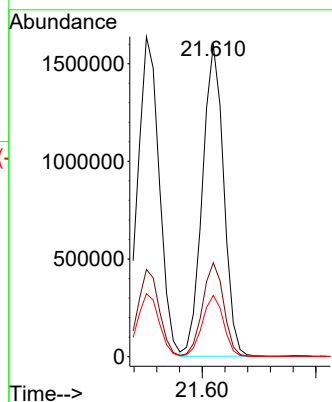
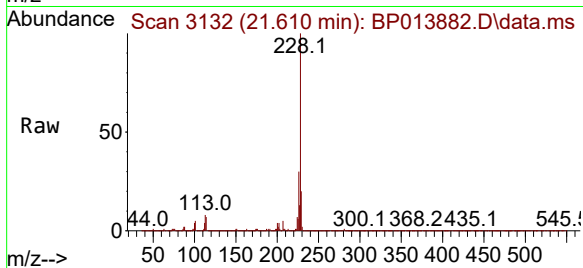
Tgt Ion:228 Resp: 2071357

Ion Ratio Lower Upper

228 100

226 30.2 23.8 35.8

229 19.7 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 55.409 ng

RT: 21.451 min Scan# 3105

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

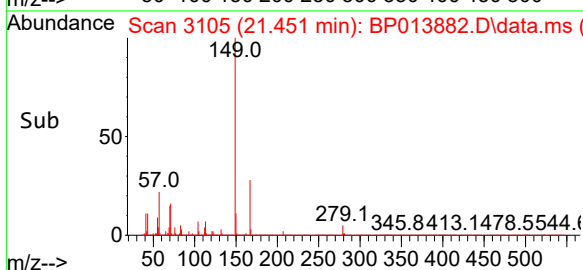
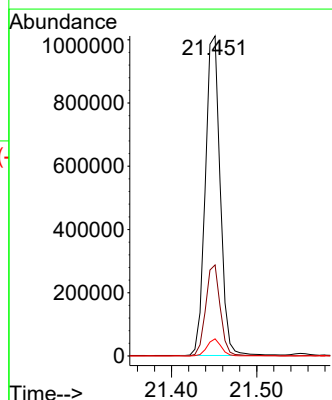
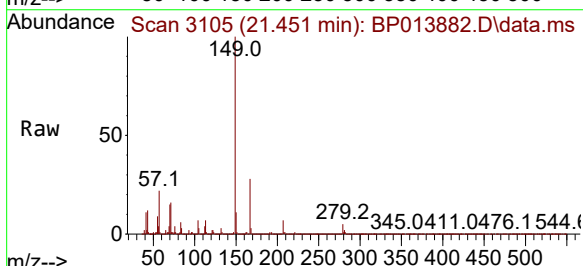
Tgt Ion:149 Resp: 1224498

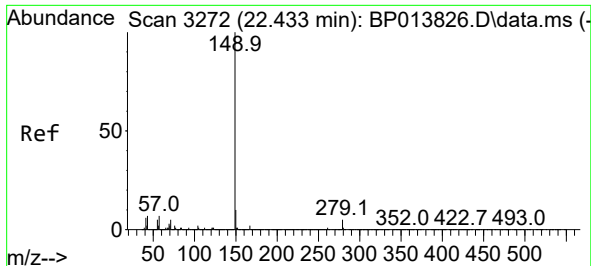
Ion Ratio Lower Upper

149 100

167 28.4 22.1 33.1

279 5.4 3.9 5.9

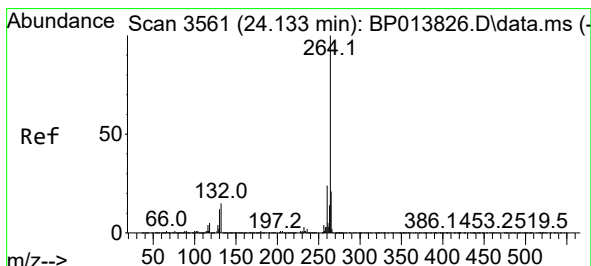
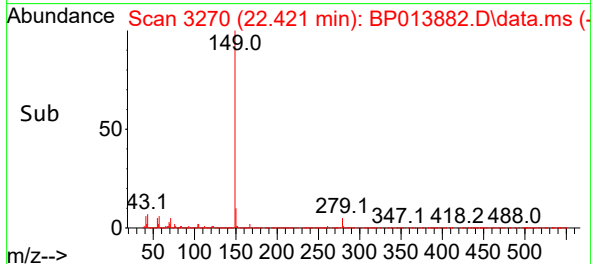
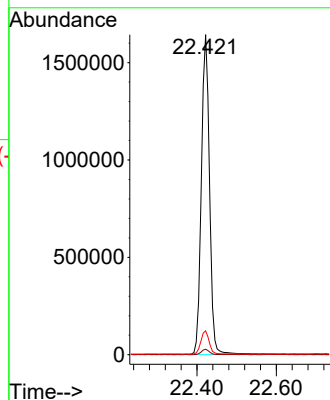
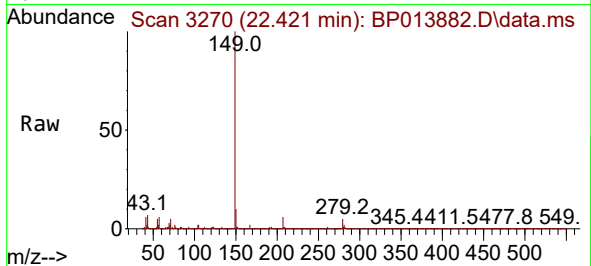




#85
Di-n-octyl phthalate
Concen: 59.402 ng
RT: 22.421 min Scan# 31
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

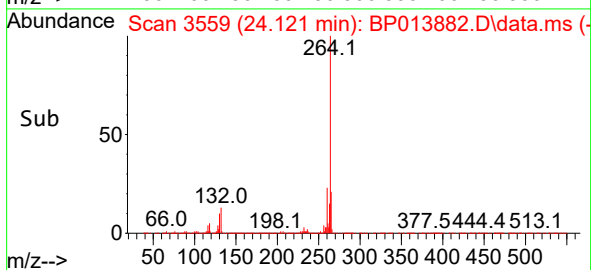
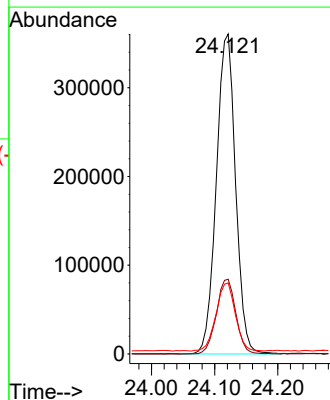
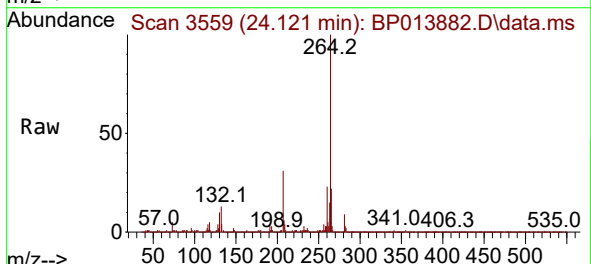
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

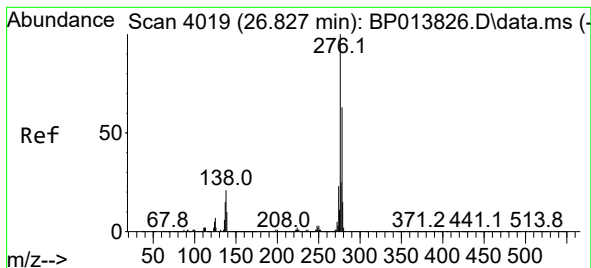
Tgt Ion:149 Resp: 2339179
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.4 6.1 9.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.121 min Scan# 3559
Delta R.T. -0.000 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:264 Resp: 762804
Ion Ratio Lower Upper
264 100
260 23.4 19.4 29.0
265 22.2 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 54.087 ng

RT: 26.815 min Scan# 4019

Delta R.T. 0.006 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUDMSD

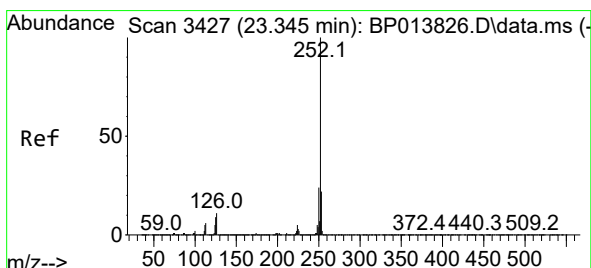
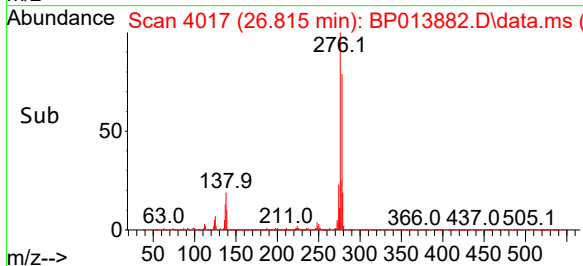
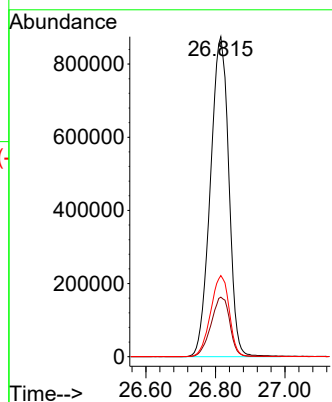
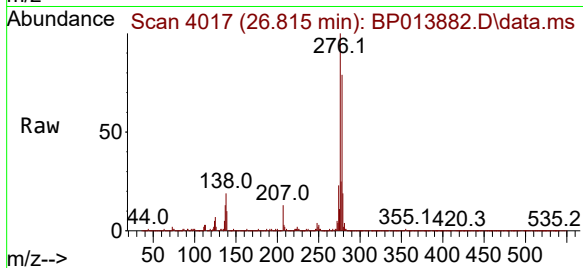
Tgt Ion:276 Resp: 3209520

Ion Ratio Lower Upper

276 100

138 19.0 17.8 26.8

277 25.5 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 54.621 ng

RT: 23.333 min Scan# 3425

Delta R.T. -0.006 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

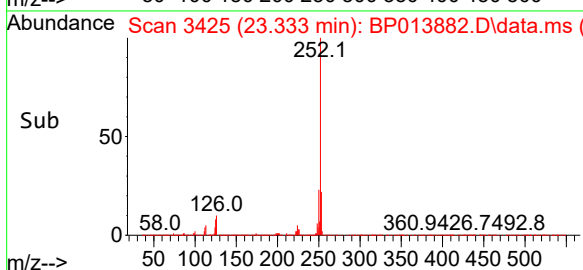
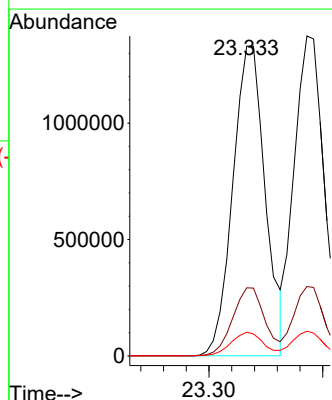
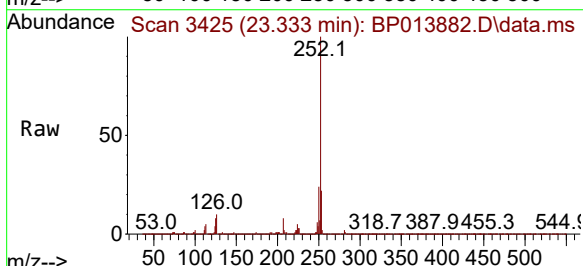
Tgt Ion:252 Resp: 2635088

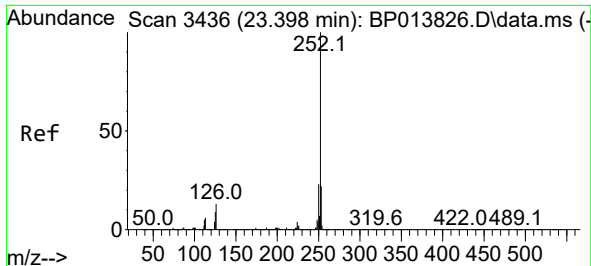
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 7.7 7.1 10.7

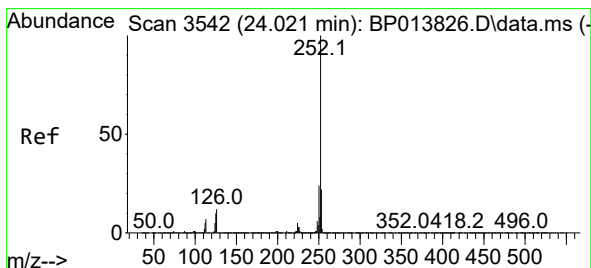
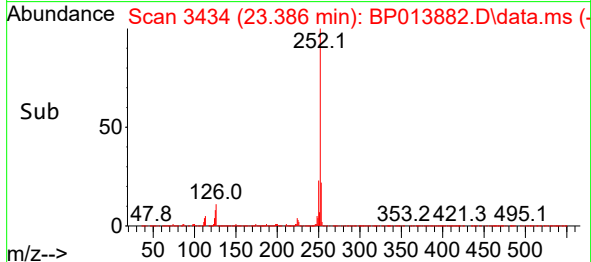
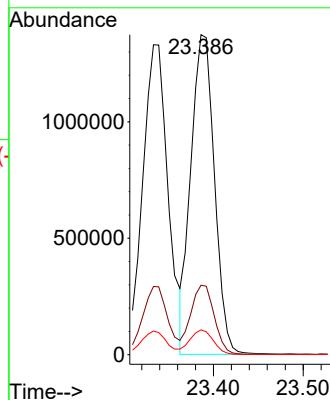
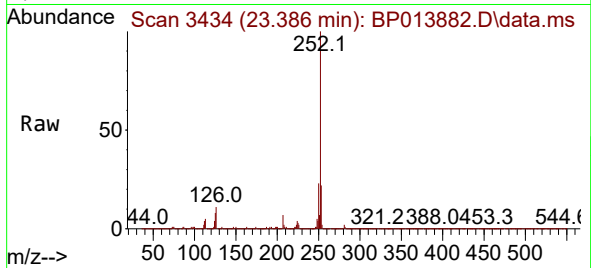




#89
Benzo(k)fluoranthene
Concen: 51.127 ng
RT: 23.386 min Scan# 3436
Delta R.T. -0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

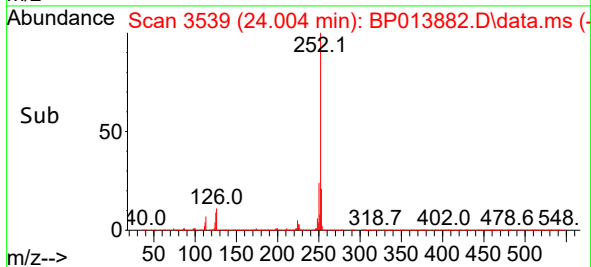
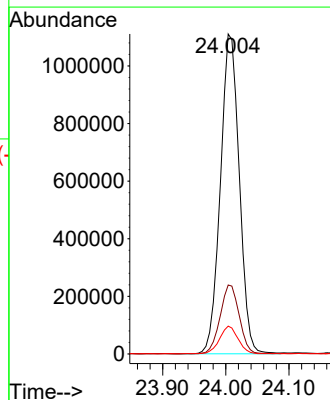
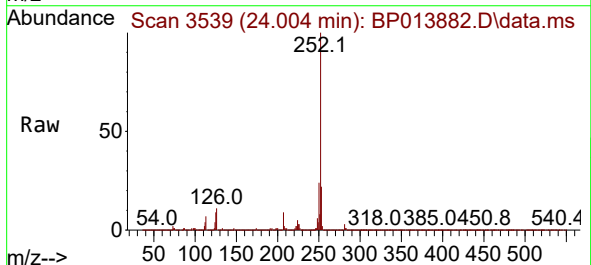
Instrument :
BNA_P
ClientSampleId :
WEIR-TANK-MUDMSD

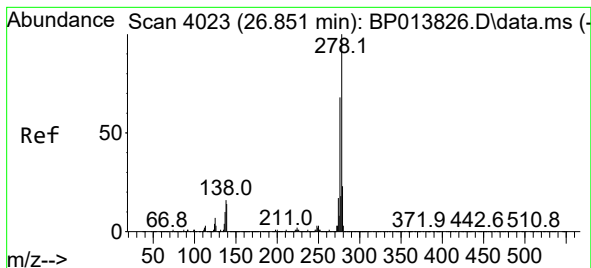
Tgt Ion:252 Resp: 2503721
Ion Ratio Lower Upper
252 100
253 21.7 17.5 26.3
125 7.8 7.0 10.4



#90
Benzo(a)pyrene
Concen: 49.363 ng
RT: 24.004 min Scan# 3539
Delta R.T. -0.006 min
Lab File: BP013882.D
Acq: 23 Feb 2023 16:26

Tgt Ion:252 Resp: 2302334
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 8.7 7.7 11.5





#91

Dibenzo(a,h)anthracene

Concen: 53.850 ng

RT: 26.833 min Scan# 4023

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Instrument :

BNA_P

ClientSampleId :

WEIR-TANK-MUDMSD

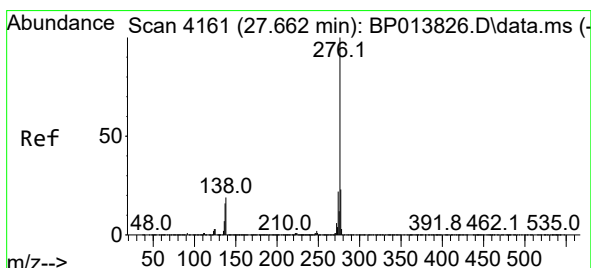
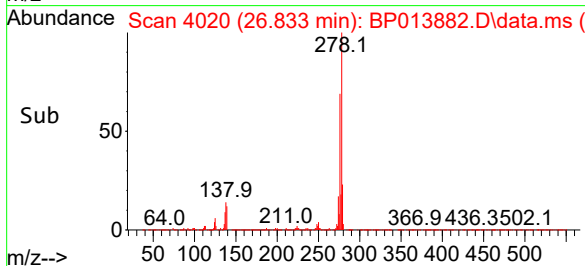
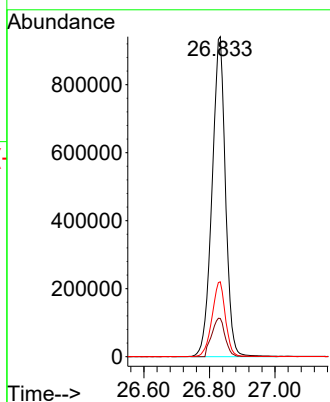
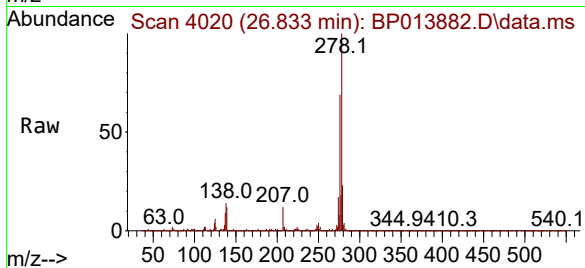
Tgt Ion:278 Resp: 2677264

Ion Ratio Lower Upper

278 100

139 11.9 11.0 16.6

279 23.4 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 53.765 ng

RT: 27.645 min Scan# 4158

Delta R.T. -0.000 min

Lab File: BP013882.D

Acq: 23 Feb 2023 16:26

Tgt Ion:276 Resp: 2643167

Ion Ratio Lower Upper

276 100

277 23.6 18.7 28.1

138 16.3 15.5 23.3

