

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP021623\
 Data File : BP013832.D
 Acq On : 16 Feb 2023 17:34
 Operator : CG/JU
 Sample : PB150892BS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 PB150892BS

Quant Time: Feb 17 05:09:13 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 17 01:08:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.110	152	171296	20.000	ng	0.00
21) Naphthalene-d8	10.940	136	635949	20.000	ng	0.00
39) Acenaphthene-d10	14.745	164	372389	20.000	ng	0.00
64) Phenanthrene-d10	17.498	188	776981	20.000	ng	0.00
76) Chrysene-d12	21.574	240	677322	20.000	ng	0.00
86) Perylene-d12	24.127	264	654399	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.652	112	1432443	137.821	ng	0.00
7) Phenol-d6	7.263	99	1751972	131.616	ng	0.00
23) Nitrobenzene-d5	9.287	82	1122887	95.347	ng	0.00
42) 2,4,6-Tribromophenol	16.233	330	730878	134.830	ng	0.00
45) 2-Fluorobiphenyl	13.369	172	2531897	89.304	ng	0.00
79) Terphenyl-d14	20.027	244	3686222	104.710	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	3.499	88	163477	36.187	ng	99
3) Pyridine	3.911	79	423482	34.773	ng	98
4) n-Nitrosodimethylamine	3.816	42	206664	45.282	ng	97
6) Aniline	7.434	93	580507	33.564	ng	98
8) 2-Chlorophenol	7.669	128	508754	46.406	ng	99
9) Benzaldehyde	7.240	77	133320	21.052	ng	98
10) Phenol	7.293	94	625204	45.124	ng	97
11) bis(2-Chloroethyl)ether	7.528	93	505947	45.628	ng	98
12) 1,3-Dichlorobenzene	7.999	146	580539	47.094	ng	98
13) 1,4-Dichlorobenzene	8.146	146	593668	47.677	ng	99
14) 1,2-Dichlorobenzene	8.469	146	565662	48.665	ng	99
15) Benzyl Alcohol	8.352	79	430683	46.116	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.640	45	552618	46.656	ng	99
17) 2-Methylphenol	8.552	107	418281	44.363	ng	98
18) Hexachloroethane	9.204	117	217932	49.964	ng	99
19) n-Nitroso-di-n-propyla...	8.922	70	362041	46.470	ng	99
20) 3+4-Methylphenols	8.881	107	543311	42.814	ng	99
22) Acetophenone	8.946	105	753830	46.996	ng	100
24) Nitrobenzene	9.328	77	571124	46.472	ng	98
25) Isophorone	9.857	82	1008569	44.440	ng	99
26) 2-Nitrophenol	10.046	139	263148	45.587	ng	98
27) 2,4-Dimethylphenol	10.098	122	446531	47.047	ng	97
28) bis(2-Chloroethoxy)met...	10.334	93	636398	43.928	ng	100
29) 2,4-Dichlorophenol	10.581	162	472293	46.380	ng	97
30) 1,2,4-Trichlorobenzene	10.798	180	553233	46.298	ng	99
31) Naphthalene	10.987	128	1508747	43.272	ng	99
32) Benzoic acid	10.228	122	291237	39.876	ng	99
33) 4-Chloroaniline	11.098	127	249452	17.038	ng	99
34) Hexachlorobutadiene	11.269	225	371170	46.742	ng	100
35) Caprolactam	11.887	113	121732	37.443	ng	100
36) 4-Chloro-3-methylphenol	12.204	107	476328	41.979	ng	100
37) 2-Methylnaphthalene	12.581	142	1036851	41.081	ng	99
38) 1-Methylnaphthalene	12.798	142	951632	40.287	ng	100
40) 1,2,4,5-Tetrachloroben...	12.945	216	623159	46.401	ng	99
41) Hexachlorocyclopentadiene	12.928	237	821178	115.114	ng	99
43) 2,4,6-Trichlorophenol	13.181	196	391743	46.629	ng	98

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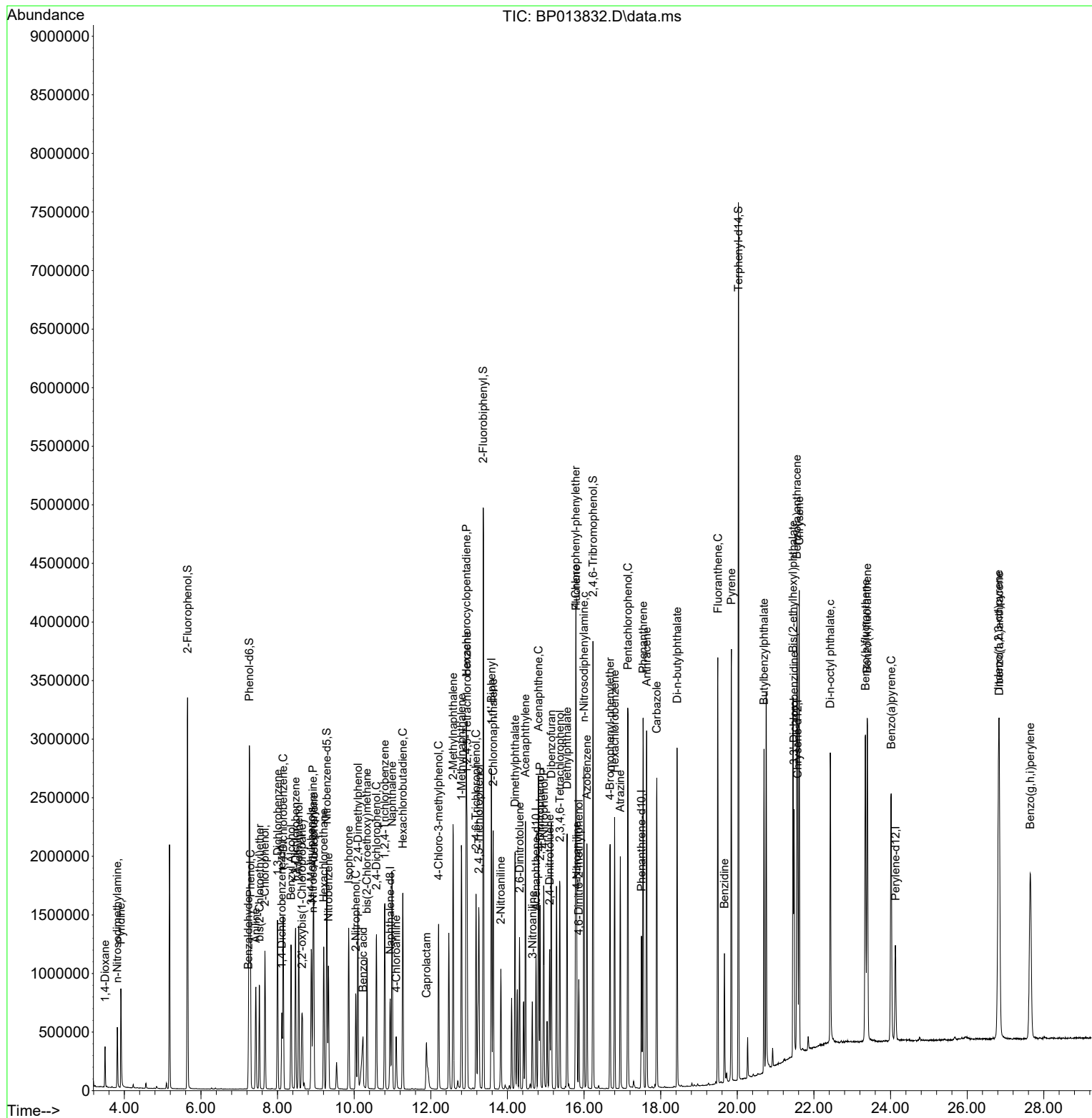
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.257	196	421667	42.230	ng	98
46) 1,1'-Biphenyl	13.581	154	1354278	44.995	ng	99
47) 2-Chloronaphthalene	13.628	162	1055296	46.021	ng	100
48) 2-Nitroaniline	13.828	65	261541	40.685	ng	99
49) Acenaphthylene	14.469	152	1580157	43.715	ng	100
50) Dimethylphthalate	14.198	163	1289250	42.546	ng	99
51) 2,6-Dinitrotoluene	14.316	165	271644	41.293	ng	99
52) Acenaphthene	14.810	154	943201	42.881	ng	99
53) 3-Nitroaniline	14.651	138	187503	28.069	ng	99
54) 2,4-Dinitrophenol	14.851	184	346425	79.564	ng	99
55) Dibenzofuran	15.145	168	1525160	41.673	ng	100
56) 4-Nitrophenol	14.951	139	445925	82.326	ng	96
57) 2,4-Dinitrotoluene	15.104	165	359530	40.691	ng	99
58) Fluorene	15.792	166	1199104	41.785	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.369	232	373875	43.494	ng	100
60) Diethylphthalate	15.557	149	1238195	41.904	ng	99
61) 4-Chlorophenyl-phenyle...	15.781	204	662200	42.589	ng	99
62) 4-Nitroaniline	15.810	138	244956	35.254	ng	96
63) Azobenzene	16.075	77	1172136	43.845	ng	99
65) 4,6-Dinitro-2-methylph...	15.863	198	209495	39.172	ng	97
66) n-Nitrosodiphenylamine	15.998	169	1062824	45.160	ng	99
67) 4-Bromophenyl-phenylether	16.680	248	423097	46.135	ng	99
68) Hexachlorobenzene	16.798	284	484499	48.398	ng	100
69) Atrazine	16.945	200	381337	47.524	ng	99
70) Pentachlorophenol	17.145	266	606716	82.204	ng	99
71) Phenanthrene	17.539	178	1901926	43.695	ng	99
72) Anthracene	17.633	178	1894523	43.529	ng	100
73) Carbazole	17.898	167	1675012	42.748	ng	100
74) Di-n-butylphthalate	18.427	149	2052501	44.709	ng	100
75) Fluoranthene	19.492	202	2162997	39.862	ng	99
77) Benzidine	19.663	184	630442	45.663	ng	99
78) Pyrene	19.845	202	2233836	48.262	ng	100
80) Butylbenzylphthalate	20.698	149	785287	47.735	ng	98
81) Benzo(a)anthracene	21.557	228	2140221	44.126	ng	100
82) 3,3'-Dichlorobenzidine	21.480	252	612099	40.113	ng	99
83) Chrysene	21.616	228	2044432	43.511	ng	100
84) Bis(2-ethylhexyl)phtha...	21.457	149	1190315	46.409	ng	100
85) Di-n-octyl phthalate	22.427	149	1978349	43.287	ng	100
87) Indeno(1,2,3-cd)pyrene	26.821	276	2490971	48.932	ng	99
88) Benzo(b)fluoranthene	23.345	252	2129605	51.455	ng	99
89) Benzo(k)fluoranthene	23.392	252	2101627	50.025	ng	100
90) Benzo(a)pyrene	24.015	252	1805229	45.117	ng	99
91) Dibenzo(a,h)anthracene	26.839	278	2103280	49.313	ng	99
92) Benzo(g,h,i)perylene	27.645	276	2082550	49.379	ng	100

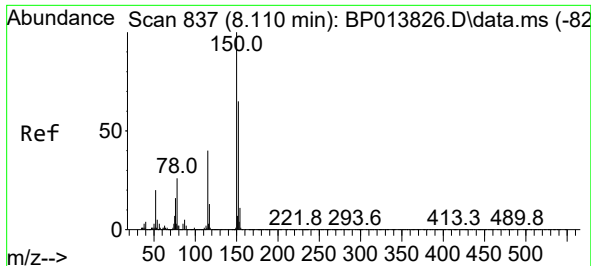
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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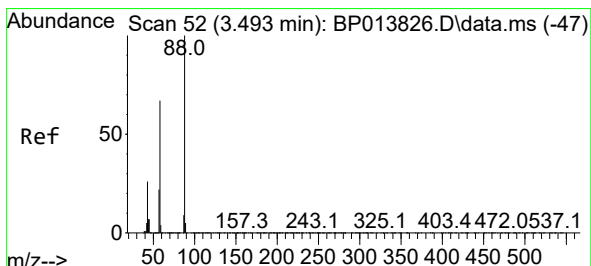
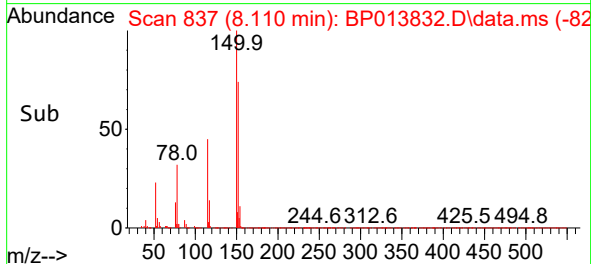
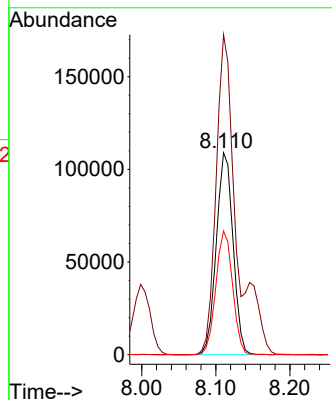
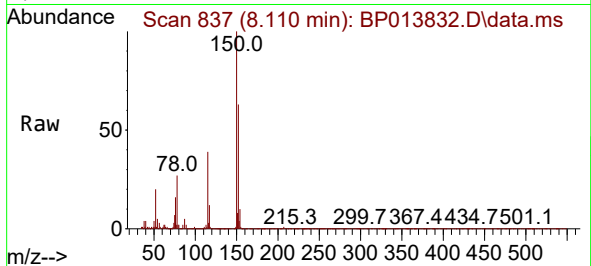




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.110 min Scan# 81
 Delta R.T. 0.000 min
 Lab File: BP013832.D
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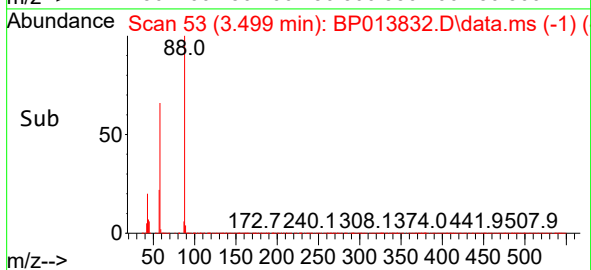
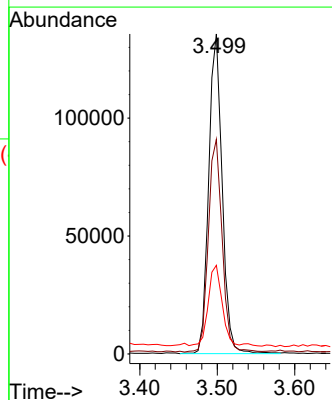
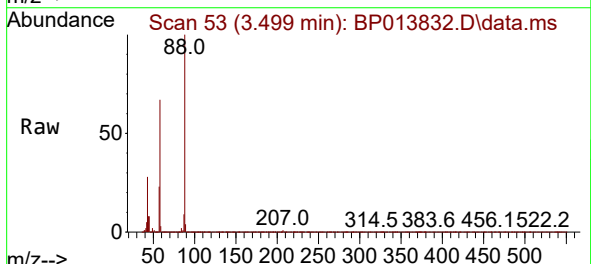
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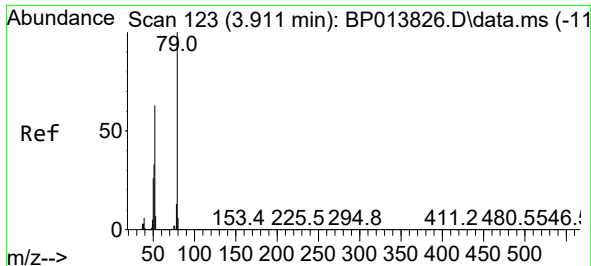
Tgt Ion:152 Resp: 171296
 Ion Ratio Lower Upper
 152 100
 150 158.5 122.8 184.2
 115 61.2 49.0 73.6



#2
 1,4-Dioxane
 Concen: 36.187 ng
 RT: 3.499 min Scan# 53
 Delta R.T. 0.006 min
 Lab File: BP013832.D
 Acq: 16 Feb 2023 17:34

Tgt Ion: 88 Resp: 163477
 Ion Ratio Lower Upper
 88 100
 58 68.1 53.5 80.3
 43 25.6 20.6 30.8

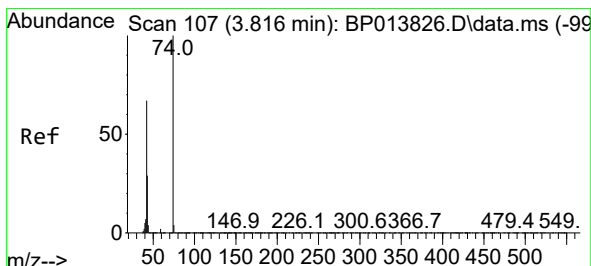
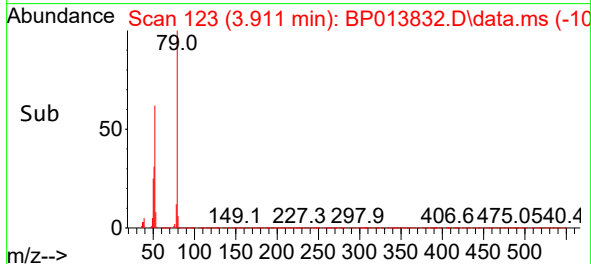
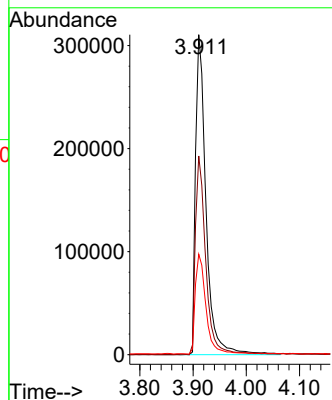
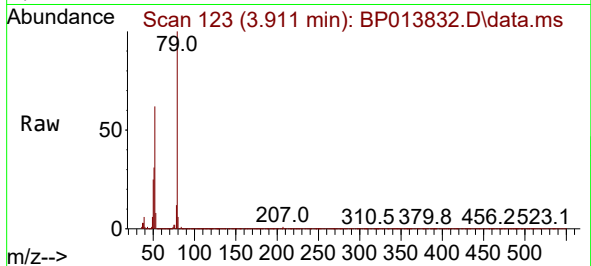




#3
Pyridine
Concen: 34.773 ng
RT: 3.911 min Scan# 123
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

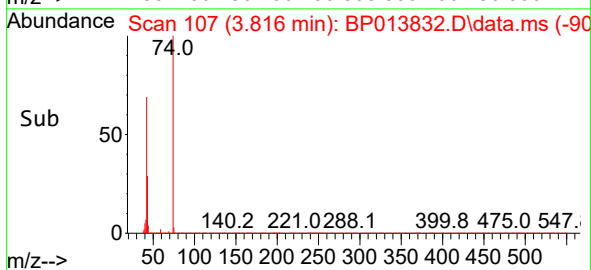
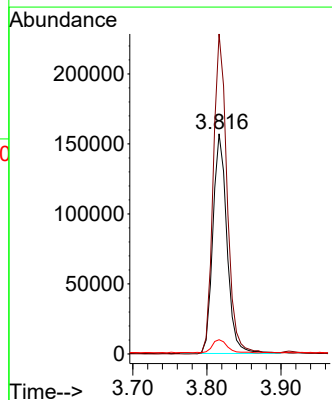
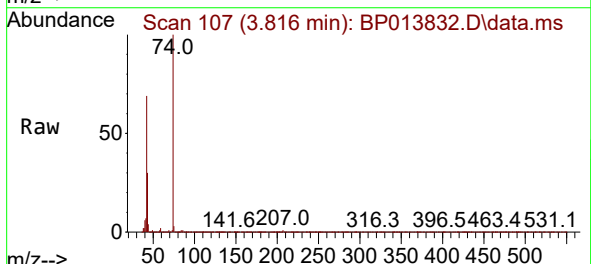
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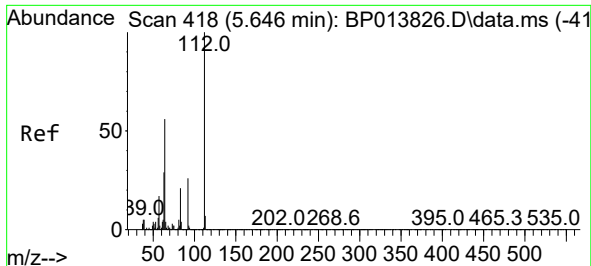
Tgt Ion: 79 Resp: 423482
Ion Ratio Lower Upper
79 100
52 62.1 50.0 75.0
51 31.4 26.7 40.1



#4
n-Nitrosodimethylamine
Concen: 45.282 ng
RT: 3.816 min Scan# 107
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion: 42 Resp: 206664
Ion Ratio Lower Upper
42 100
74 145.3 119.3 178.9
44 6.5 6.0 9.0

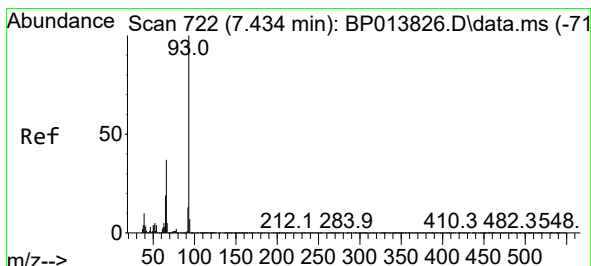
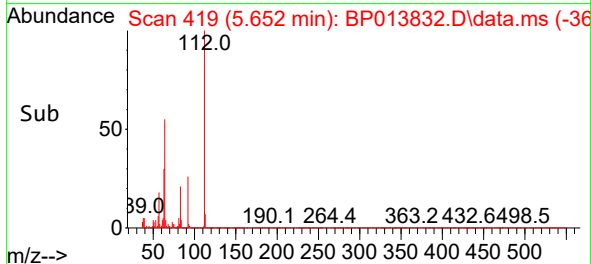
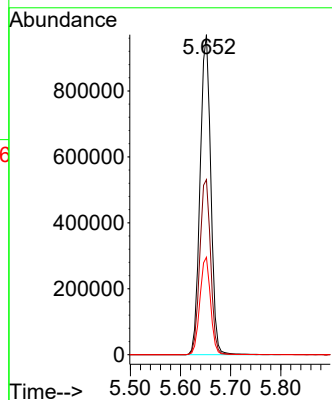
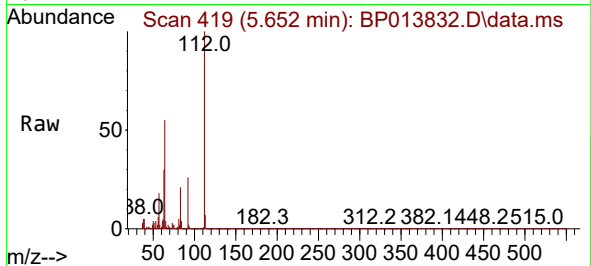




#5
2-Fluorophenol
Concen: 137.821 ng
RT: 5.652 min Scan# 418
Delta R.T. 0.006 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

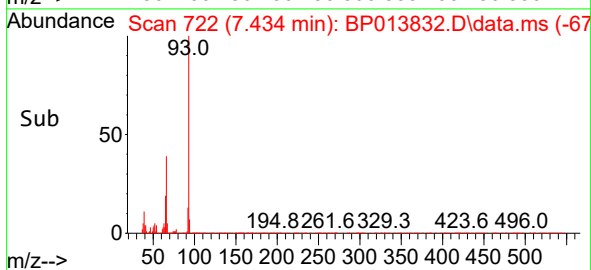
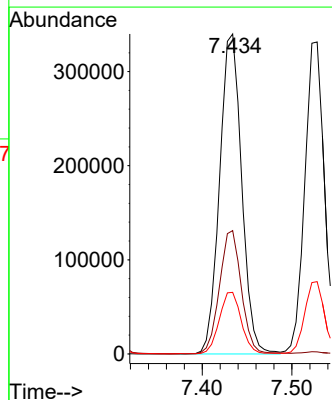
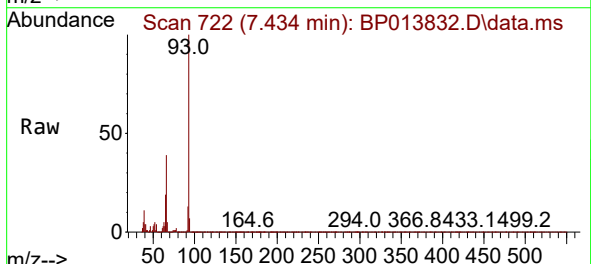
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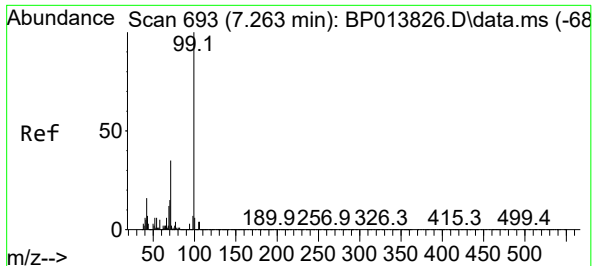
Tgt Ion:112 Resp: 1432443
Ion Ratio Lower Upper
112 100
64 54.7 44.6 66.8
63 30.4 23.6 35.4



#6
Aniline
Concen: 33.564 ng
RT: 7.434 min Scan# 722
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion: 93 Resp: 580507
Ion Ratio Lower Upper
93 100
66 38.6 29.6 44.4
65 19.2 15.4 23.0



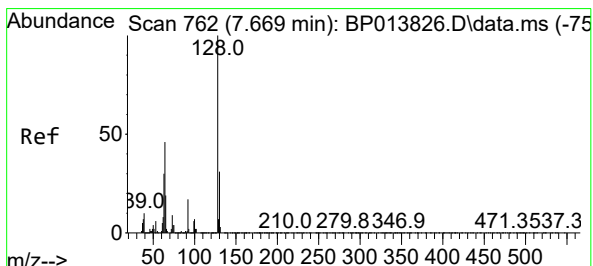
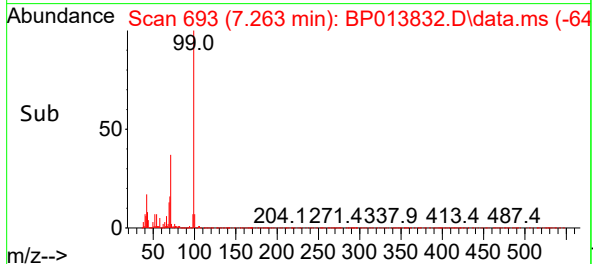
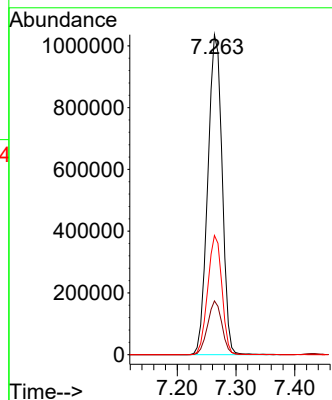
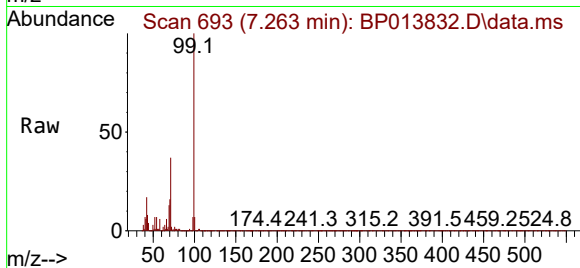


#7
Phenol-d6
Concen: 131.616 ng
RT: 7.263 min Scan# 693
Delta R.T. 0.000 min
Lab File: BP013832.D
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Instrument :
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ClientSampleId :
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Tgt Ion: 99 Resp: 1751972

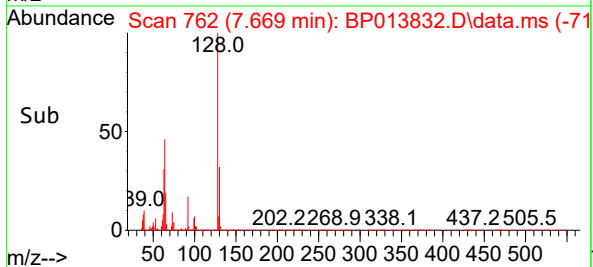
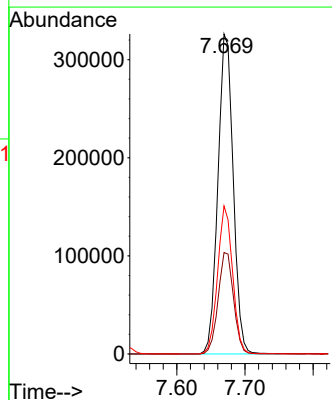
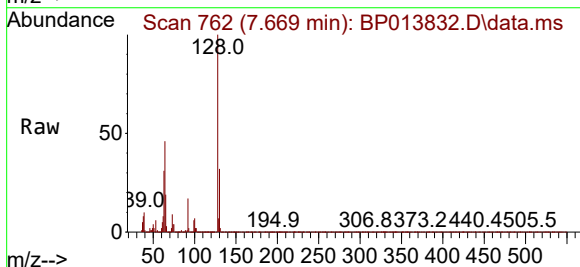
Ion	Ratio	Lower	Upper
99	100		
42	16.8	12.5	18.7
71	37.2	27.8	41.8

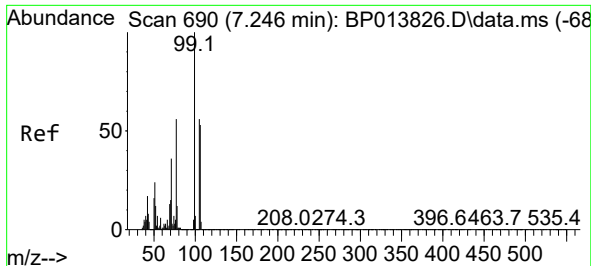


#8
2-Chlorophenol
Concen: 46.406 ng
RT: 7.669 min Scan# 762
Delta R.T. 0.000 min
Lab File: BP013832.D
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Tgt Ion: 128 Resp: 508754

Ion	Ratio	Lower	Upper
128	100		
130	31.7	11.4	51.4
64	46.3	25.9	65.9

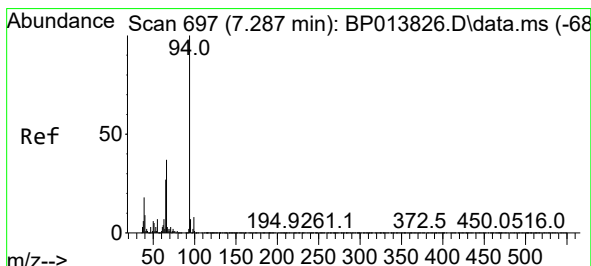
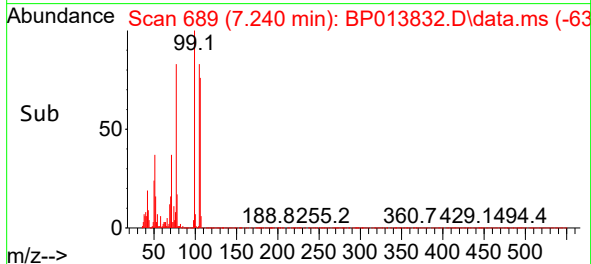
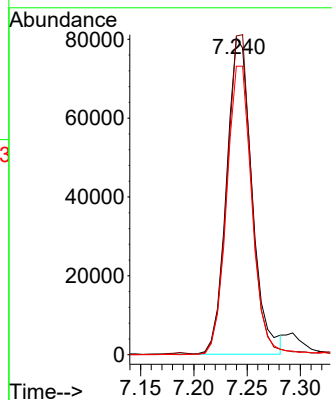
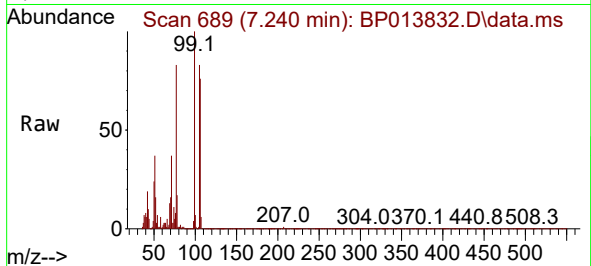




#9
Benzaldehyde
Concen: 21.052 ng
RT: 7.240 min Scan# 61
Delta R.T. -0.006 min
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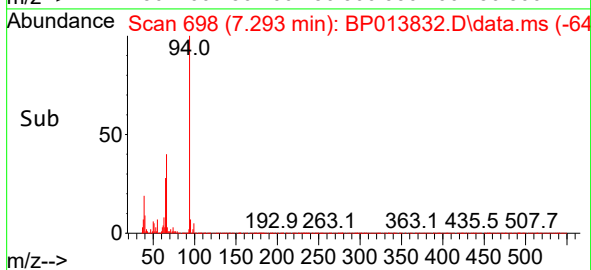
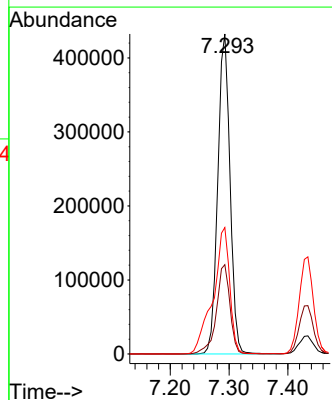
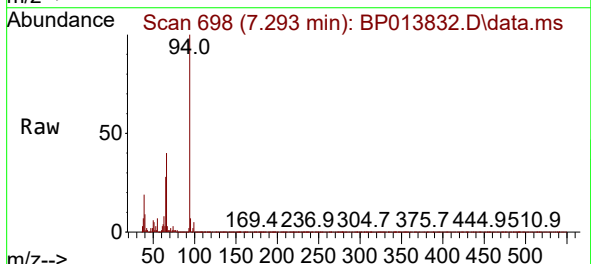
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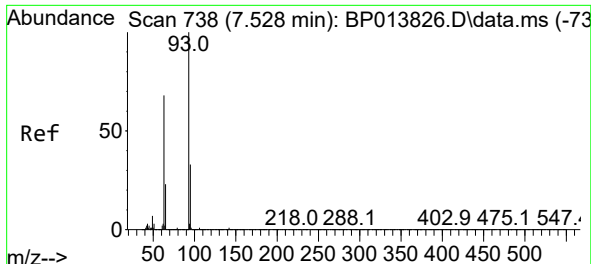
Tgt Ion: 77 Resp: 133320
Ion Ratio Lower Upper
77 100
105 100.6 80.2 120.2
106 91.1 74.8 114.8



#10
Phenol
Concen: 45.124 ng
RT: 7.293 min Scan# 698
Delta R.T. 0.006 min
Lab File: BP013832.D
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Tgt Ion: 94 Resp: 625204
Ion Ratio Lower Upper
94 100
65 27.9 6.8 46.8
66 39.5 17.4 57.4

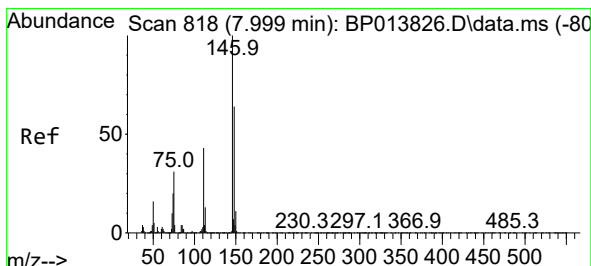
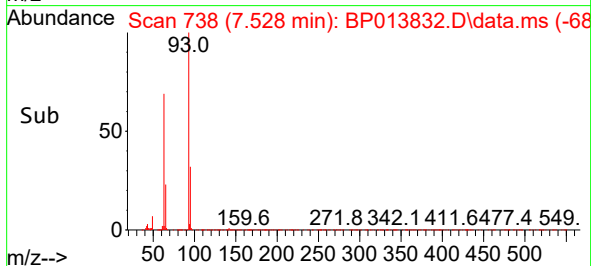
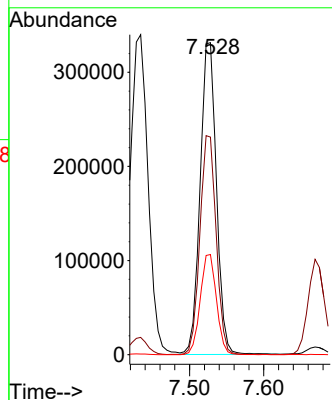
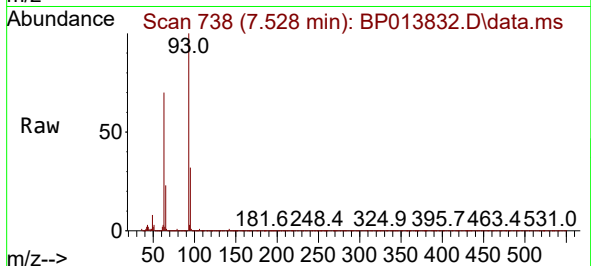




#11
bis(2-Chloroethyl)ether
Concen: 45.628 ng
RT: 7.528 min Scan# 711
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

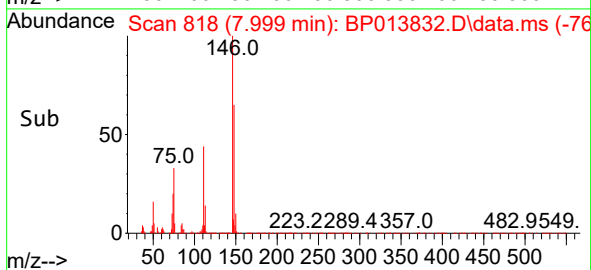
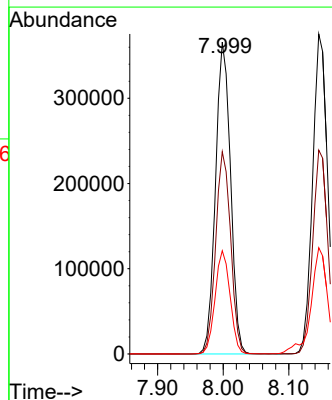
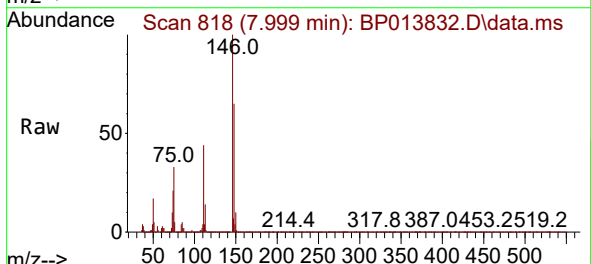
Instrument :
BNA_P
ClientSampleId :
PB150892BS

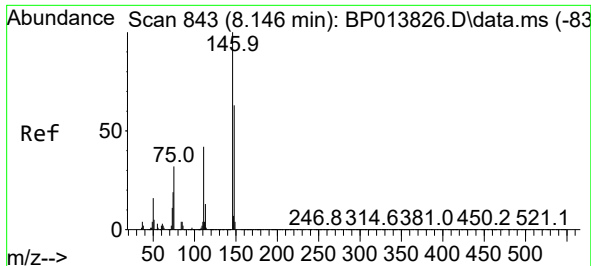
Tgt Ion: 93 Resp: 505947
Ion Ratio Lower Upper
93 100
63 69.8 48.1 88.1
95 32.1 12.6 52.6



#12
1,3-Dichlorobenzene
Concen: 47.094 ng
RT: 7.999 min Scan# 818
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:146 Resp: 580539
Ion Ratio Lower Upper
146 100
148 64.9 51.4 77.2
75 33.1 25.0 37.4





#13

1,4-Dichlorobenzene

Concen: 47.677 ng

RT: 8.146 min Scan# 843

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Instrument :

BNA_P

ClientSampleId :

PB150892BS

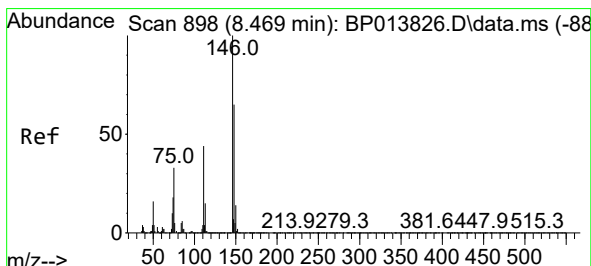
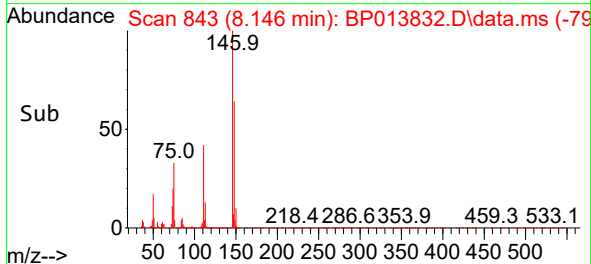
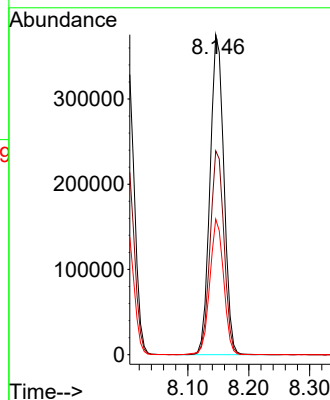
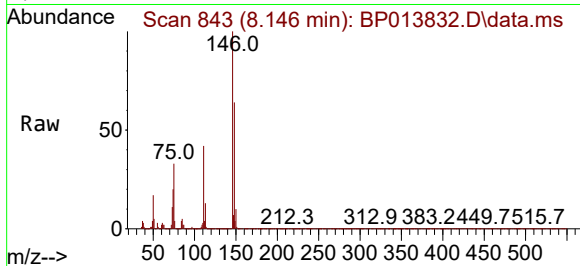
Tgt Ion:146 Resp: 593668

Ion Ratio Lower Upper

146 100

148 63.7 50.4 75.6

111 42.3 33.8 50.6



#14

1,2-Dichlorobenzene

Concen: 48.665 ng

RT: 8.469 min Scan# 898

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

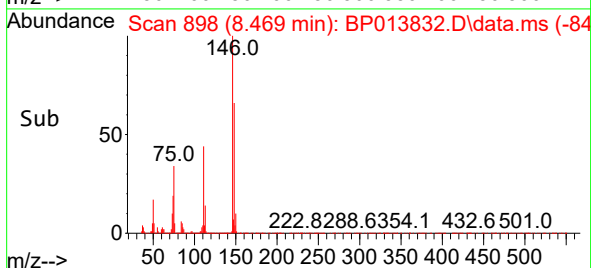
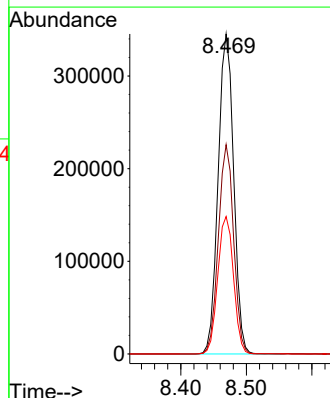
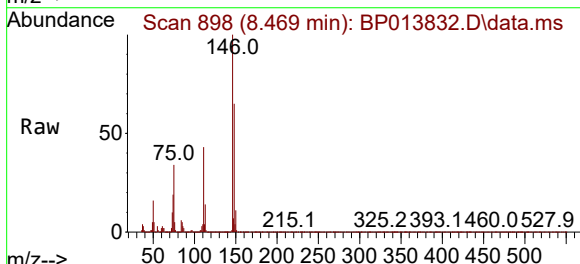
Tgt Ion:146 Resp: 565662

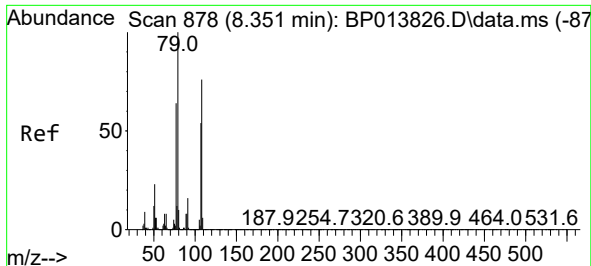
Ion Ratio Lower Upper

146 100

148 65.4 52.1 78.1

111 43.0 34.9 52.3

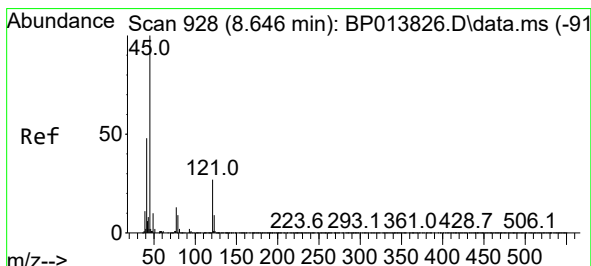
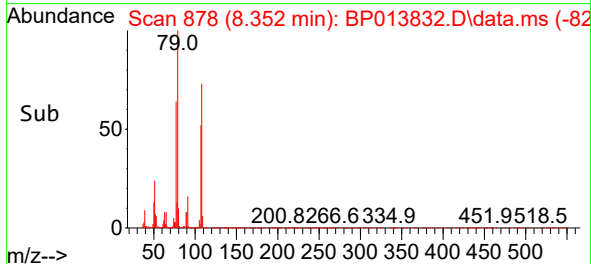
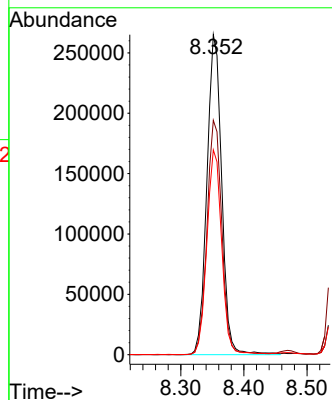
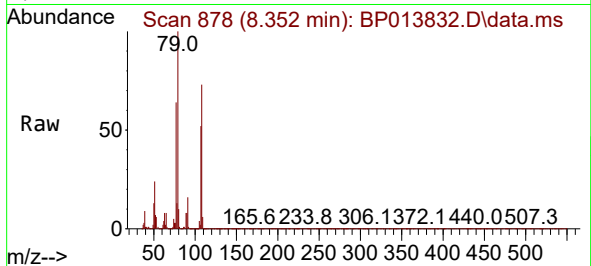




#15
Benzyl Alcohol
Concen: 46.116 ng
RT: 8.352 min Scan# 81
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

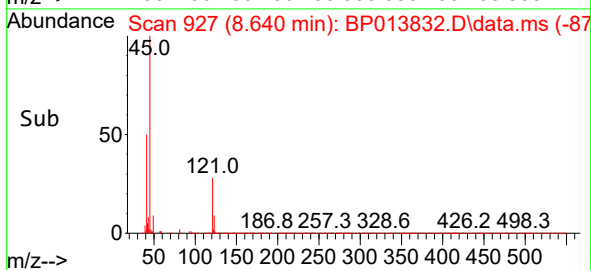
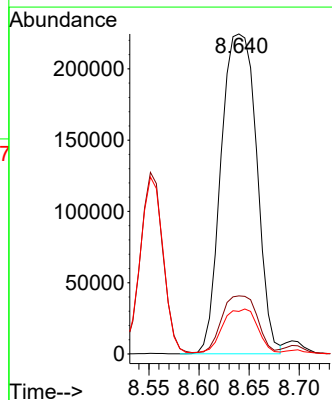
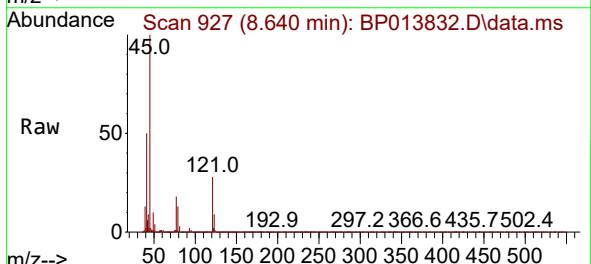
Instrument :
BNA_P
ClientSampleId :
PB150892BS

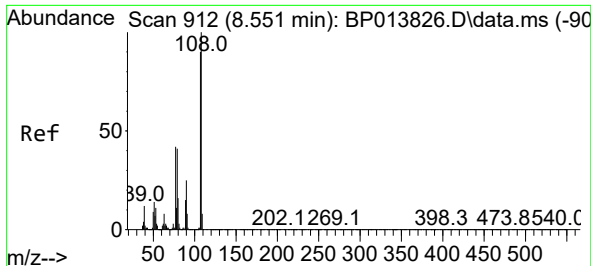
Tgt Ion: 79 Resp: 430683
Ion Ratio Lower Upper
79 100
108 73.2 60.7 91.1
77 64.0 51.4 77.0



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.656 ng
RT: 8.640 min Scan# 927
Delta R.T. -0.006 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion: 45 Resp: 552618
Ion Ratio Lower Upper
45 100
77 18.1 0.0 37.5
79 13.3 0.0 33.8

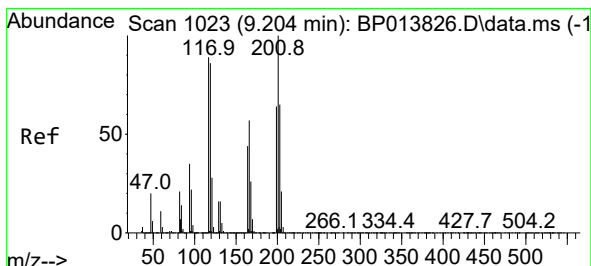
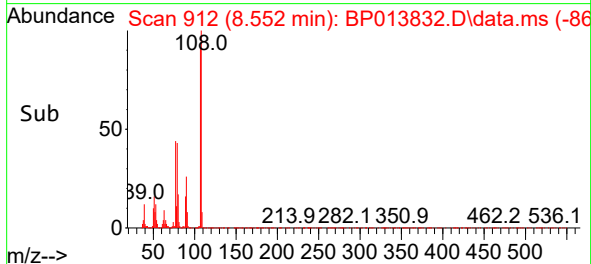
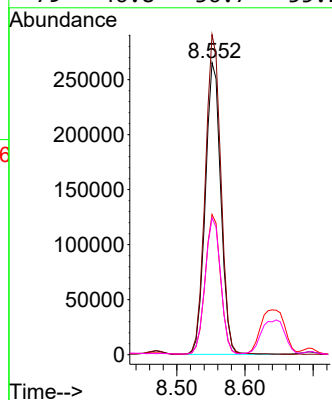
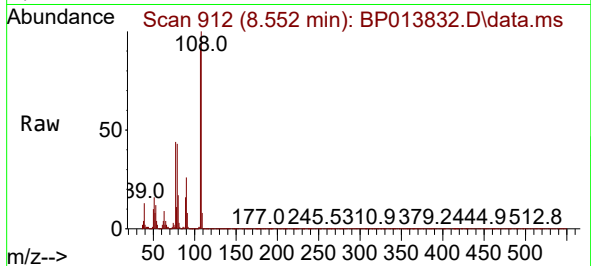




#17
2-Methylphenol
Concen: 44.363 ng
RT: 8.552 min Scan# 912
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

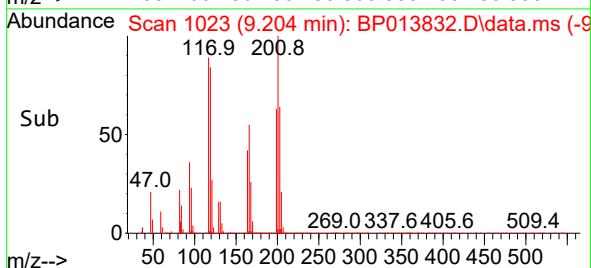
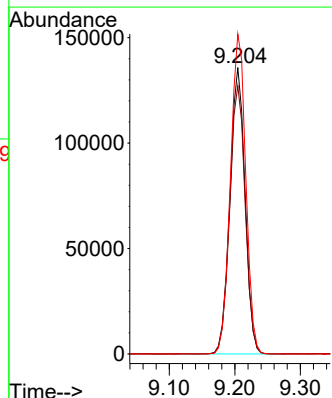
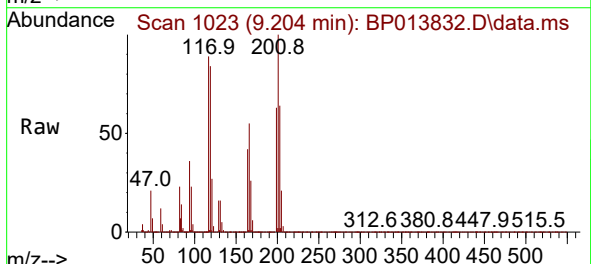
Instrument :
BNA_P
ClientSampleId :
PB150892BS

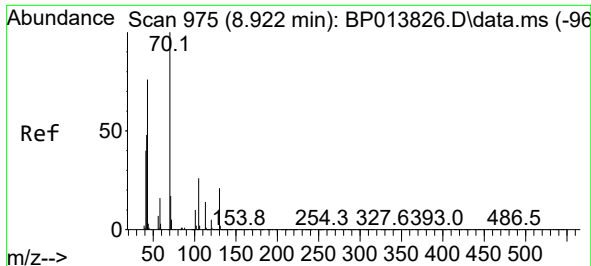
Tgt Ion:	107	Resp:	418281
Ion	Ratio	Lower	Upper
107	100		
108	109.6	88.9	133.3
77	48.0	37.1	55.7
79	46.8	36.7	55.1



#18
Hexachloroethane
Concen: 49.964 ng
RT: 9.204 min Scan# 1023
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:	117	Resp:	217932
Ion	Ratio	Lower	Upper
117	100		
119	93.6	77.2	115.8
201	111.7	89.4	134.2





#19

n-Nitroso-di-n-propylamine

Concen: 46.470 ng

RT: 8.922 min Scan# 91

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Instrument :

BNA_P

ClientSampleId :

PB150892BS

Tgt Ion: 70 Resp: 362041

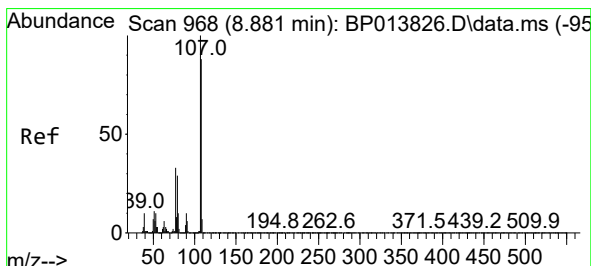
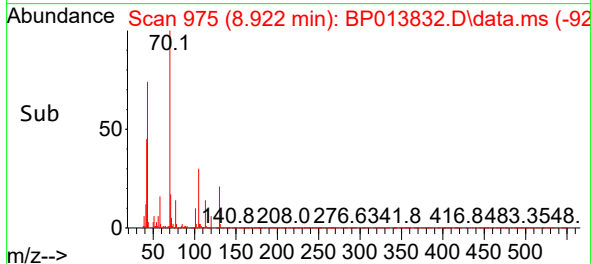
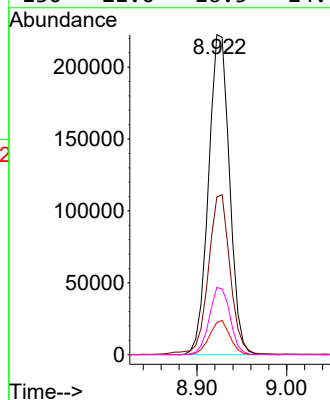
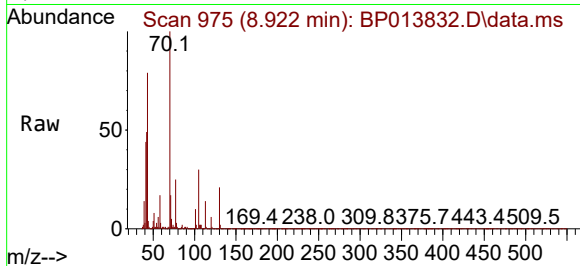
Ion Ratio Lower Upper

70 100

42 49.3 39.0 58.4

101 10.1 8.0 12.0

130 21.0 16.5 24.7



#20

3+4-Methylphenols

Concen: 42.814 ng

RT: 8.881 min Scan# 968

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Tgt Ion: 107 Resp: 543311

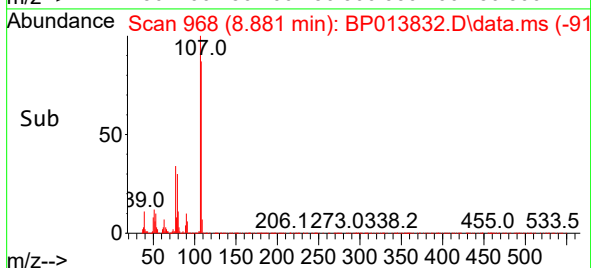
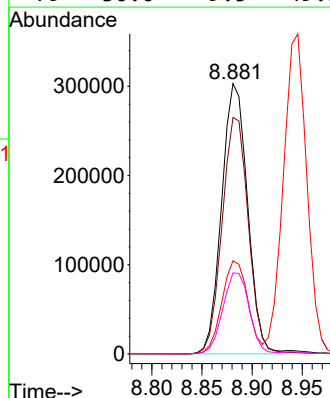
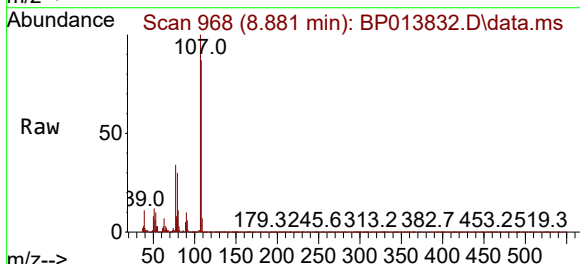
Ion Ratio Lower Upper

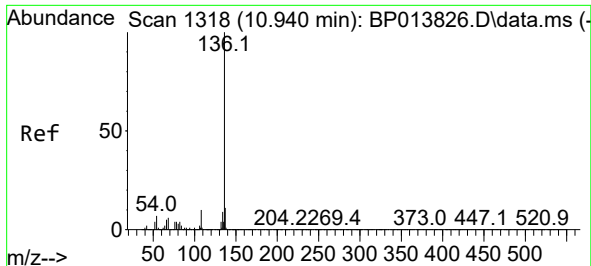
107 100

108 87.5 67.7 107.7

77 34.5 13.4 53.4

79 30.0 9.5 49.5

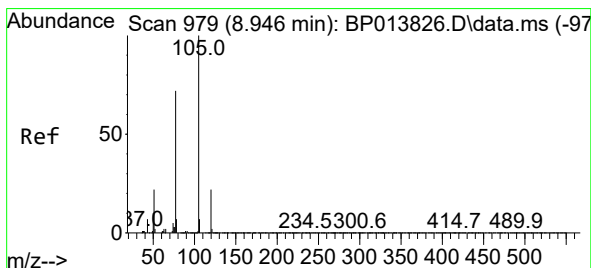
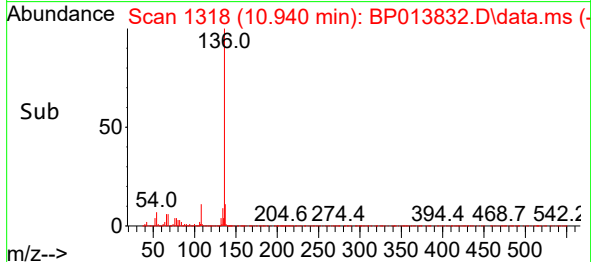
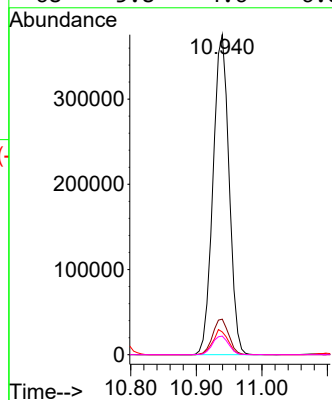
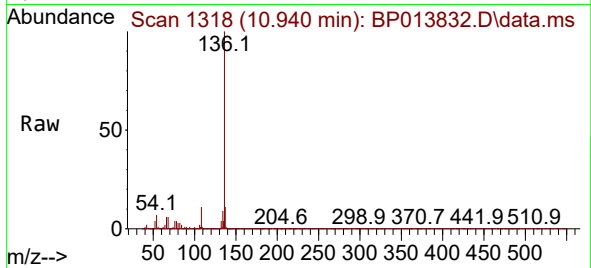




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.940 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

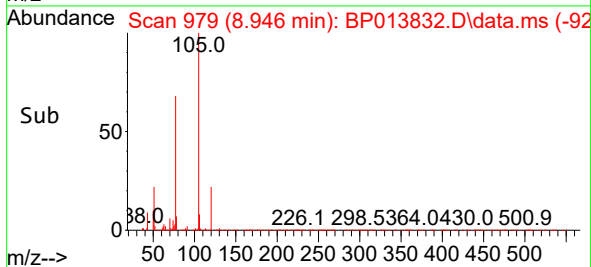
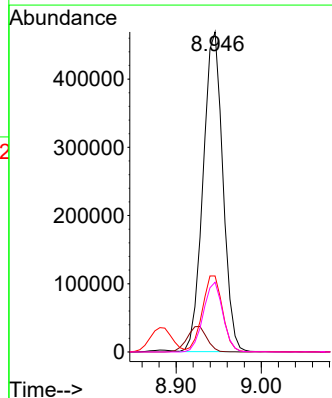
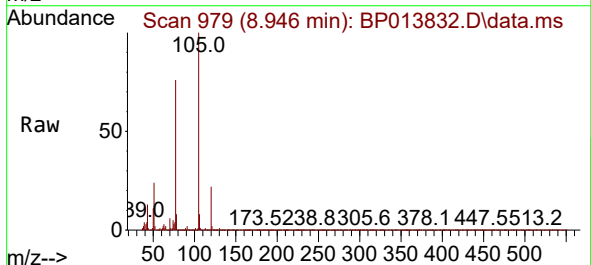
Instrument :
BNA_P
ClientSampleId :
PB150892BS

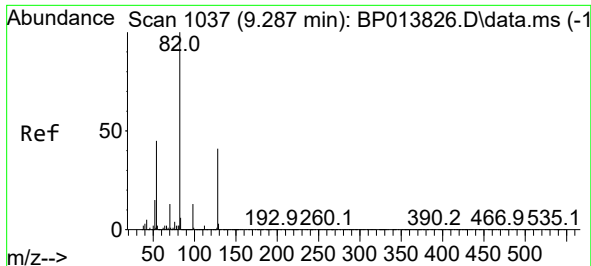
Tgt Ion:	136	Resp:	635949
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.5	12.7
54	7.1	5.8	8.6
68	5.8	4.6	6.8



#22
Acetophenone
Concen: 46.996 ng
RT: 8.946 min Scan# 979
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:	105	Resp:	753830
Ion Ratio	Lower	Upper	
105	100		
71	1.0	0.7	1.1
51	23.8	18.9	28.3
120	21.8	17.4	26.0

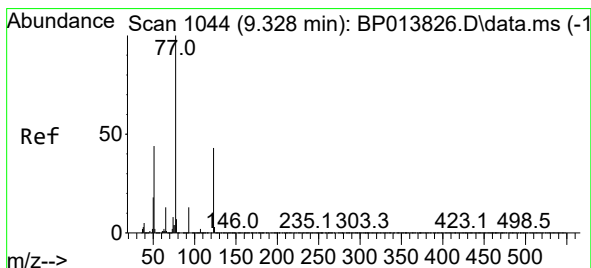
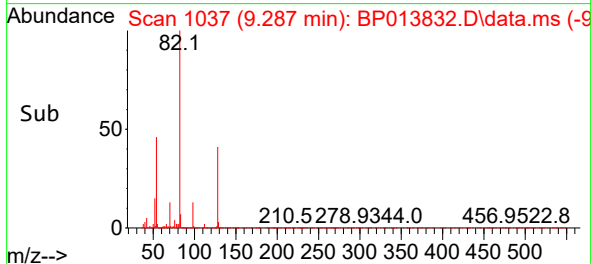
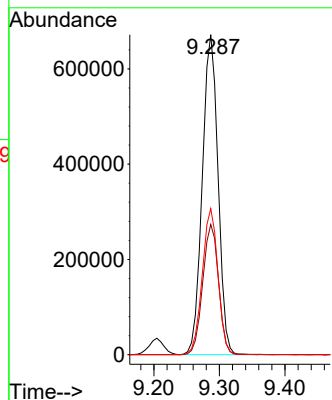
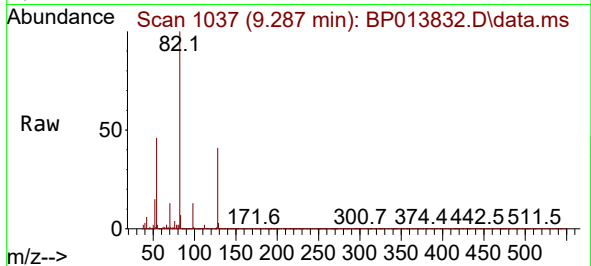




#23
Nitrobenzene-d5
Concen: 95.347 ng
RT: 9.287 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

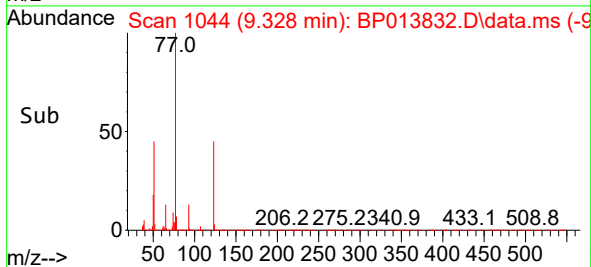
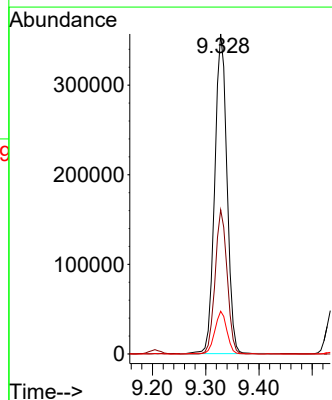
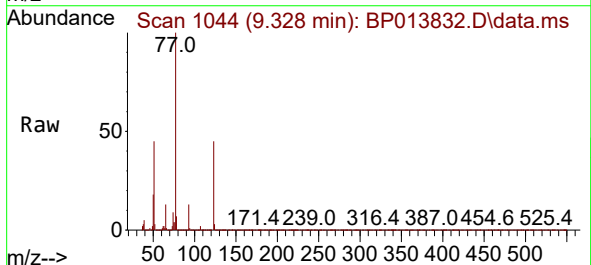
Instrument :
BNA_P
ClientSampleId :
PB150892BS

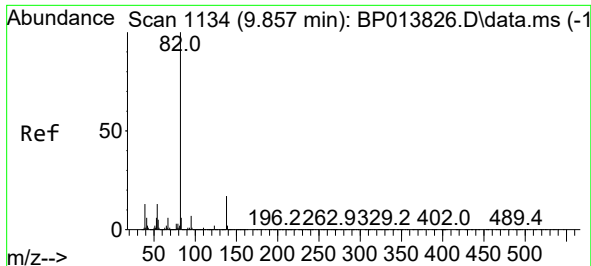
Tgt Ion: 82 Resp: 1122887
Ion Ratio Lower Upper
82 100
128 40.7 32.9 49.3
54 45.7 35.6 53.4



#24
Nitrobenzene
Concen: 46.472 ng
RT: 9.328 min Scan# 1044
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion: 77 Resp: 571124
Ion Ratio Lower Upper
77 100
123 45.0 34.7 52.1
65 13.4 10.5 15.7

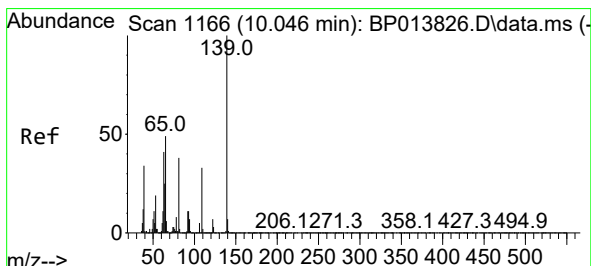
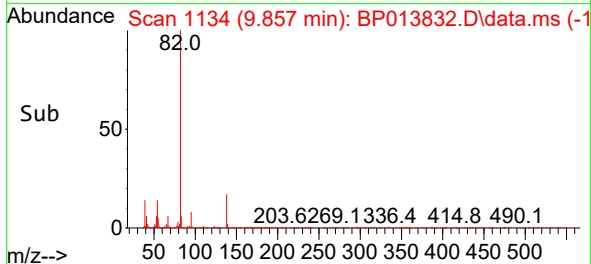
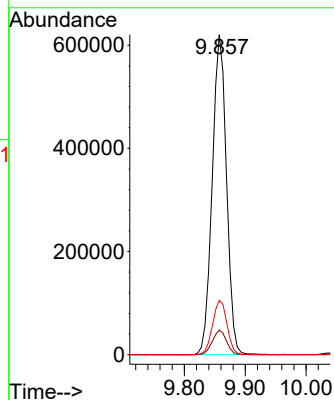
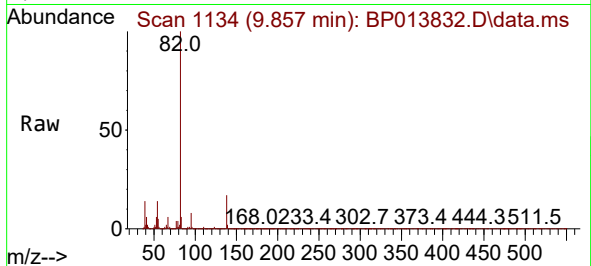




#25
Isophorone
Concen: 44.440 ng
RT: 9.857 min Scan# 1134
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

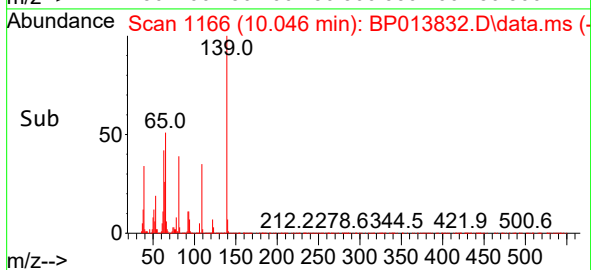
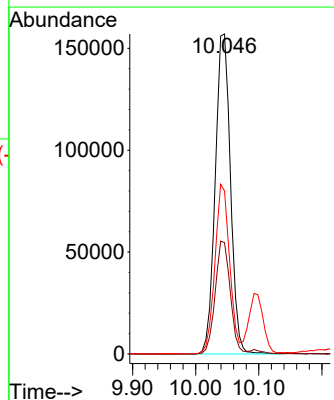
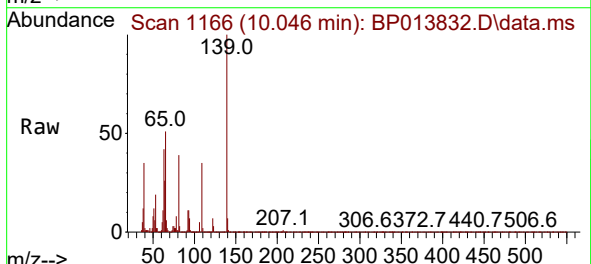
Instrument :
BNA_P
ClientSampleId :
PB150892BS

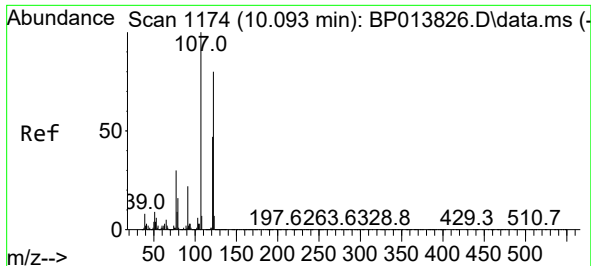
Tgt Ion: 82 Resp: 1008569
Ion Ratio Lower Upper
82 100
95 7.7 5.8 8.8
138 17.0 13.7 20.5



#26
2-Nitrophenol
Concen: 45.587 ng
RT: 10.046 min Scan# 1166
Delta R.T. -0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:139 Resp: 263148
Ion Ratio Lower Upper
139 100
109 34.8 26.7 40.1
65 51.0 39.4 59.2

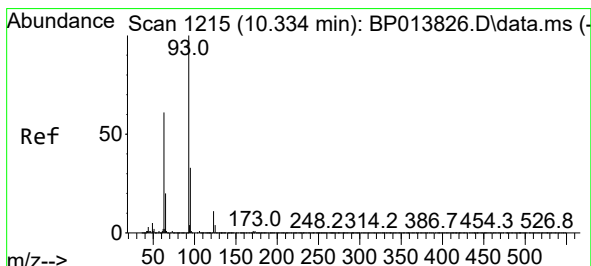
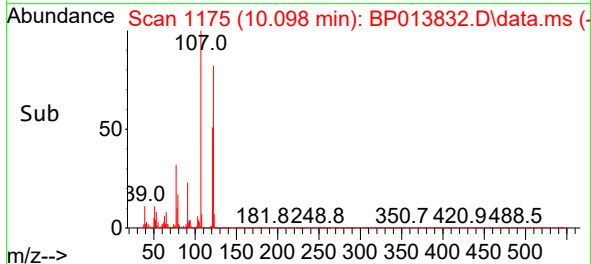
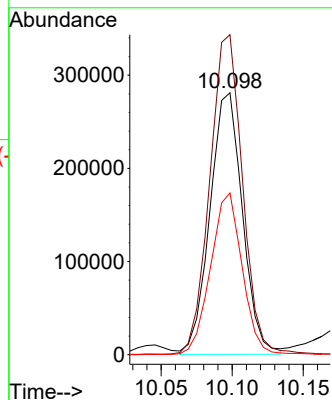
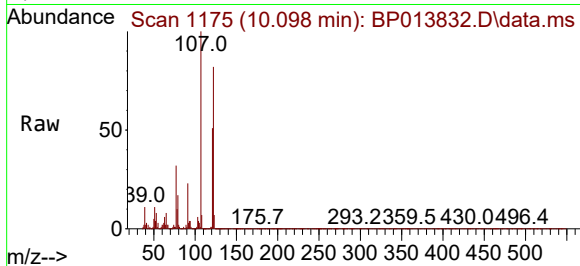




#27
2,4-Dimethylphenol
Concen: 47.047 ng
RT: 10.098 min Scan# 1175
Delta R.T. 0.005 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

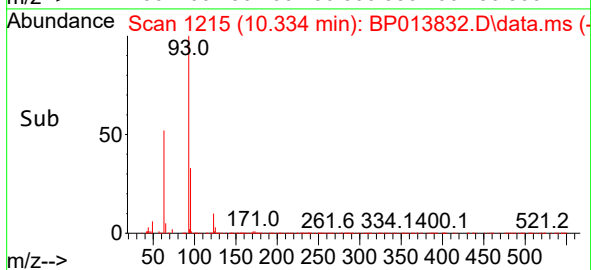
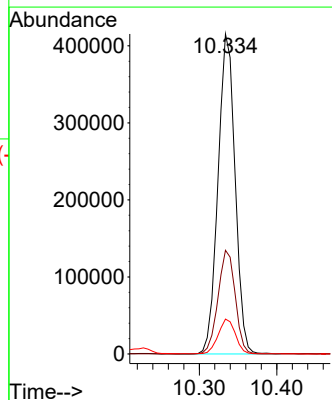
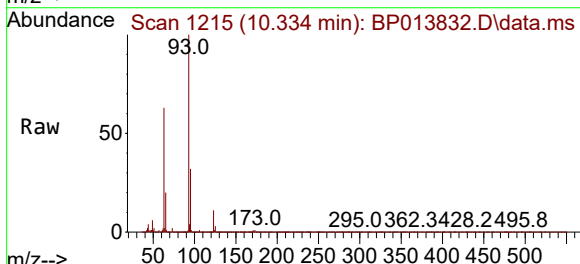
Instrument :
BNA_P
ClientSampleId :
PB150892BS

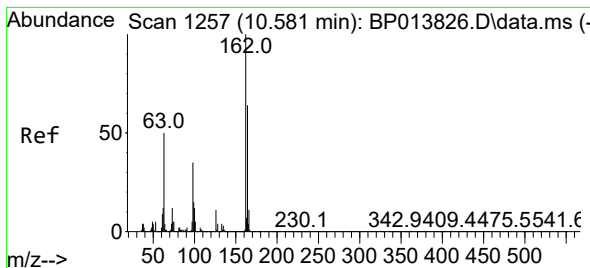
Tgt Ion:122 Resp: 446531
Ion Ratio Lower Upper
122 100
107 122.1 100.0 150.0
121 61.7 47.2 70.8



#28
bis(2-Chloroethoxy)methane
Concen: 43.928 ng
RT: 10.334 min Scan# 1215
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion: 93 Resp: 636398
Ion Ratio Lower Upper
93 100
95 32.4 26.1 39.1
123 10.9 8.7 13.1

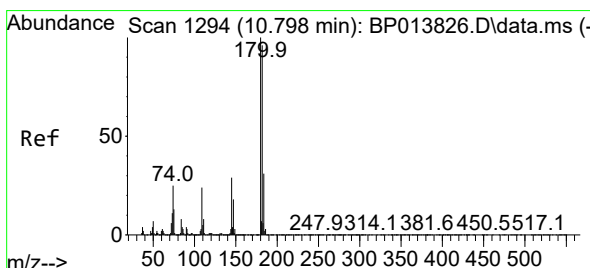
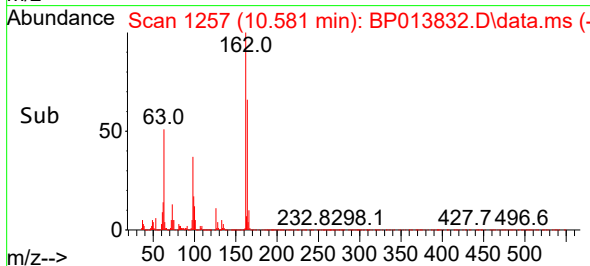
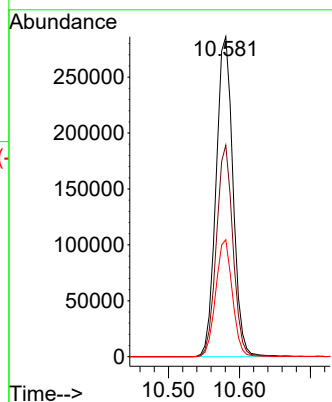
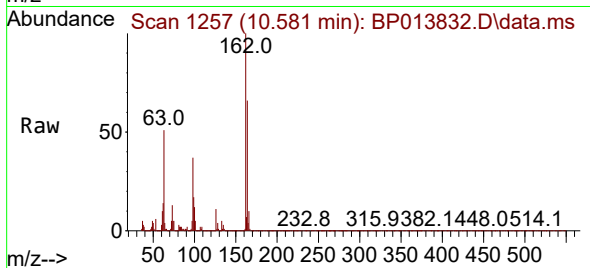




#29
2,4-Dichlorophenol
Concen: 46.380 ng
RT: 10.581 min Scan# 1257
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

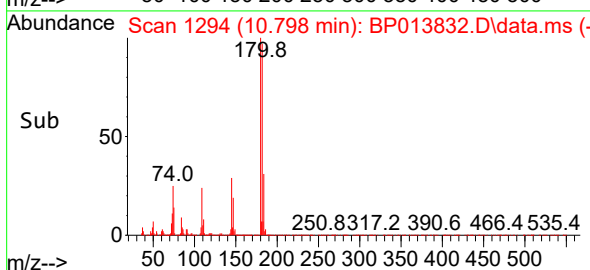
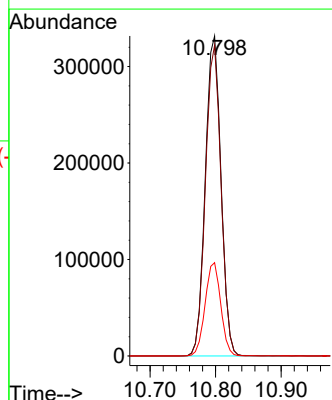
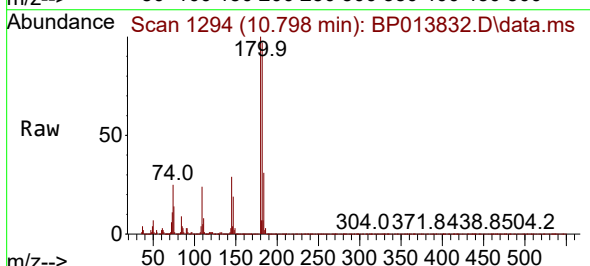
Instrument :
BNA_P
ClientSampleId :
PB150892BS

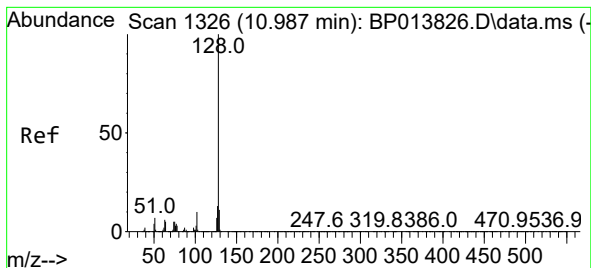
Tgt Ion:162 Resp: 472293
Ion Ratio Lower Upper
162 100
164 66.1 44.4 84.4
98 36.5 14.7 54.7



#30
1,2,4-Trichlorobenzene
Concen: 46.298 ng
RT: 10.798 min Scan# 1294
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:180 Resp: 553233
Ion Ratio Lower Upper
180 100
182 97.1 76.8 115.2
145 29.1 22.9 34.3

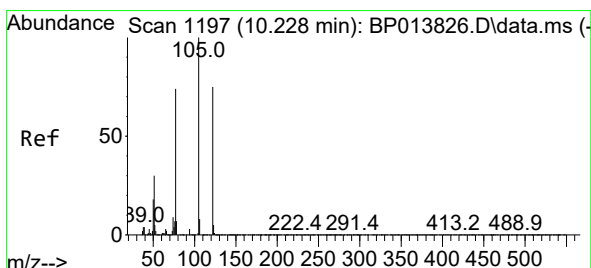
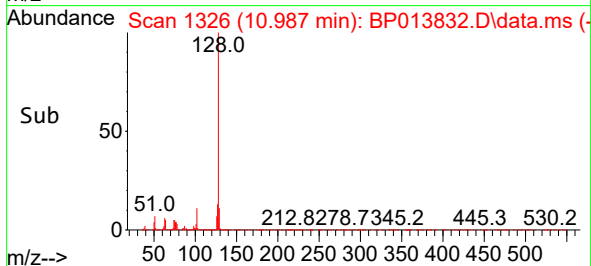
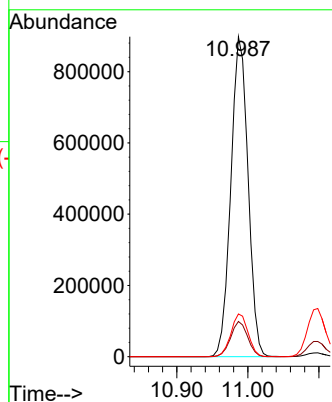
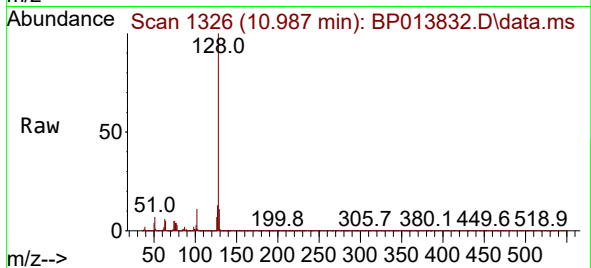




#31
Naphthalene
Concen: 43.272 ng
RT: 10.987 min Scan# 1119
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

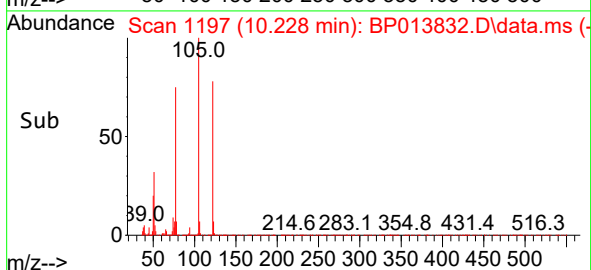
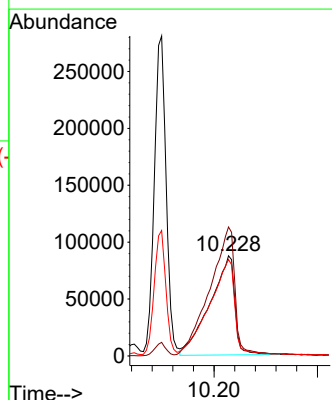
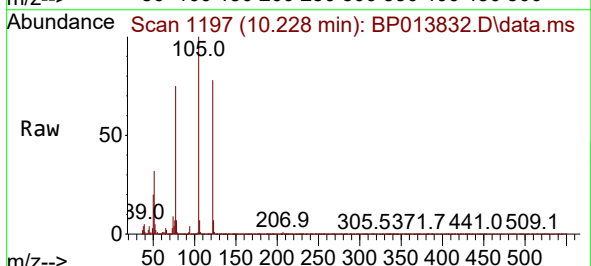
Instrument :
BNA_P
ClientSampleId :
PB150892BS

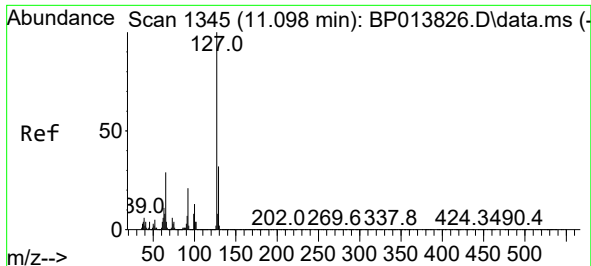
Tgt Ion:128 Resp: 1508747
Ion Ratio Lower Upper
128 100
129 11.0 8.6 12.8
127 13.4 10.4 15.6



#32
Benzoic acid
Concen: 39.876 ng
RT: 10.228 min Scan# 1197
Delta R.T. -0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:122 Resp: 291237
Ion Ratio Lower Upper
122 100
105 128.7 107.4 147.4
77 96.3 76.0 116.0

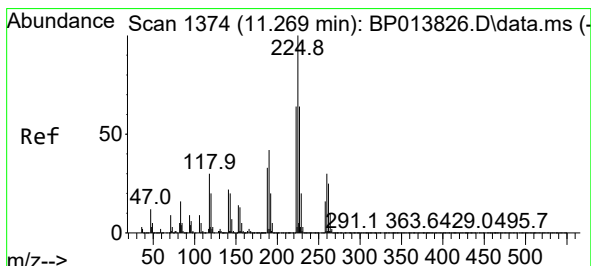
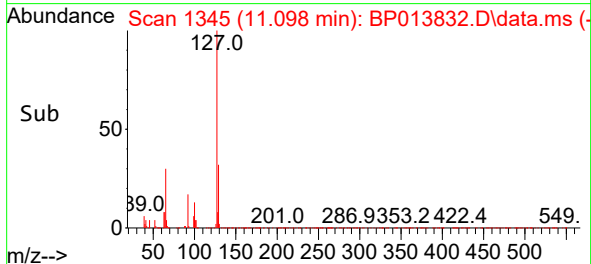
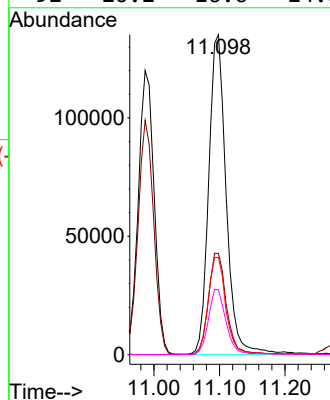
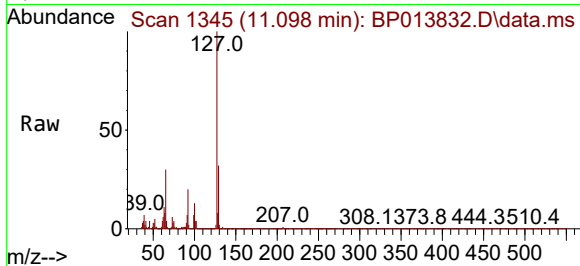




#33
4-Chloroaniline
Concen: 17.038 ng
RT: 11.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

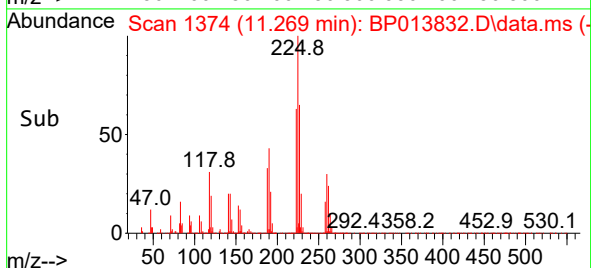
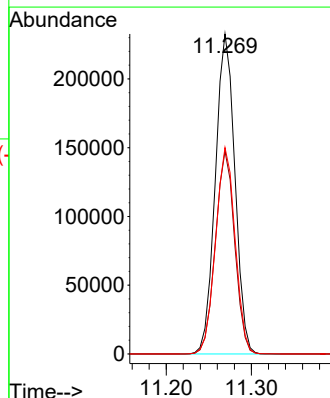
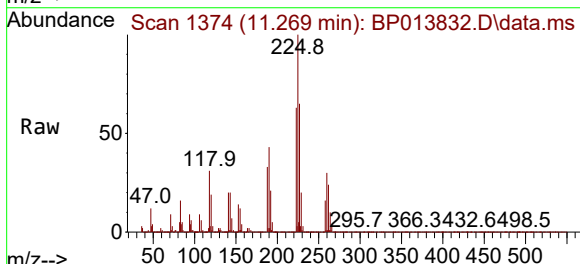
Instrument :
BNA_P
ClientSampleId :
PB150892BS

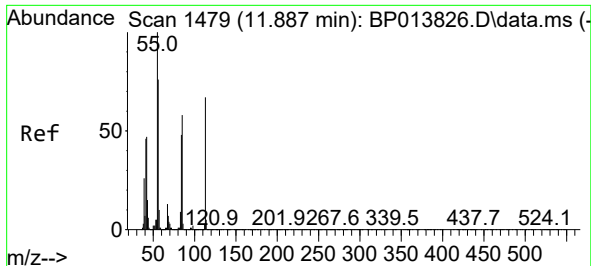
Tgt Ion:	127	Resp:	249452
Ion	Ratio	Lower	Upper
127	100		
129	31.6	25.7	38.5
65	30.4	23.4	35.2
92	20.2	16.6	24.8



#34
Hexachlorobutadiene
Concen: 46.742 ng
RT: 11.269 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:	225	Resp:	371170
Ion	Ratio	Lower	Upper
225	100		
223	63.4	51.0	76.4
227	64.5	51.6	77.4

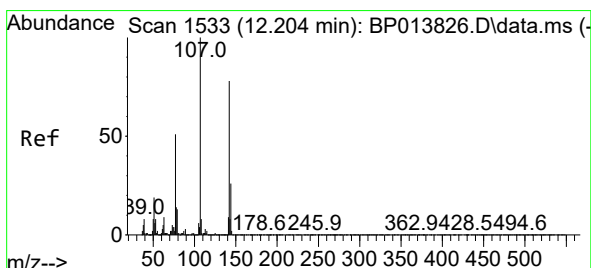
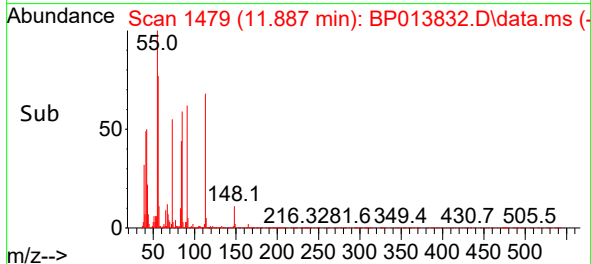
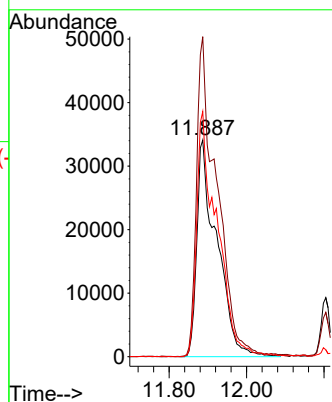
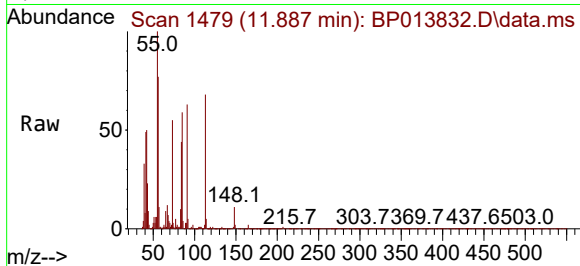




#35
Caprolactam
Concen: 37.443 ng
RT: 11.887 min Scan# 1479
Delta R.T. -0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

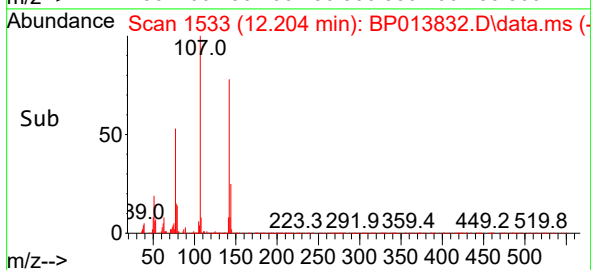
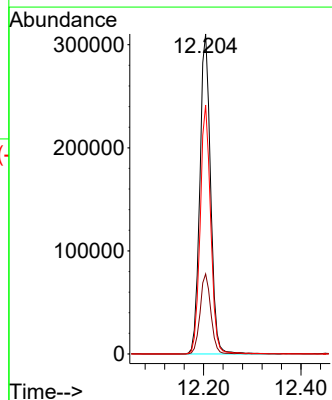
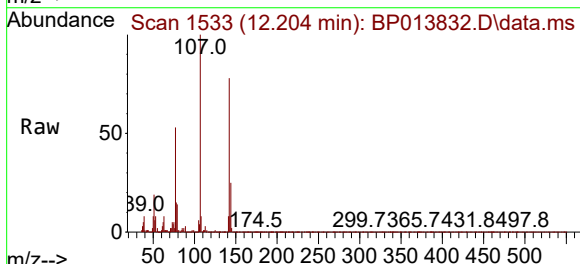
Instrument :
BNA_P
ClientSampleId :
PB150892BS

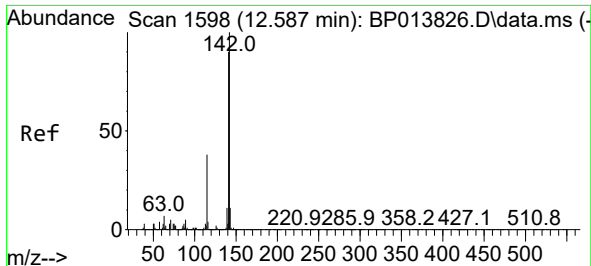
Tgt Ion:113 Resp: 121732
Ion Ratio Lower Upper
113 100
55 147.7 128.5 168.5
56 113.1 93.4 133.4



#36
4-Chloro-3-methylphenol
Concen: 41.979 ng
RT: 12.204 min Scan# 1533
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:107 Resp: 476328
Ion Ratio Lower Upper
107 100
144 25.0 20.4 30.6
142 77.8 62.2 93.4

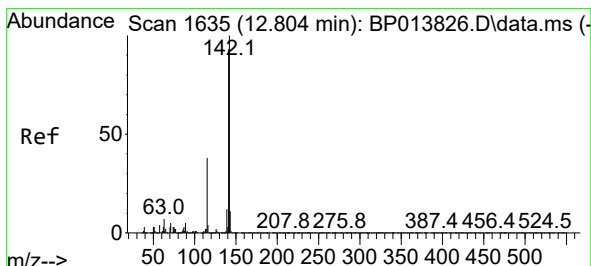
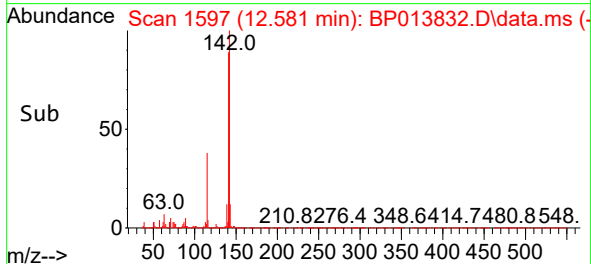
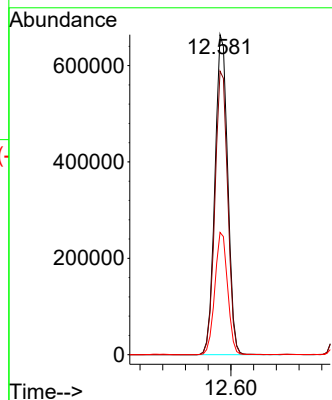
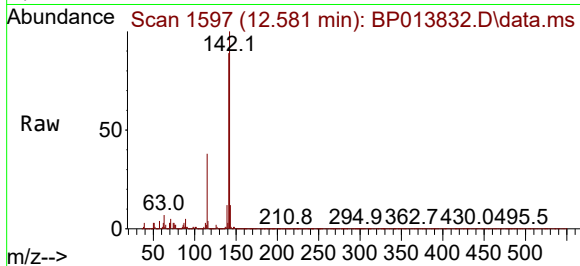




#37
2-Methylnaphthalene
Concen: 41.081 ng
RT: 12.581 min Scan# 1598
Delta R.T. -0.006 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

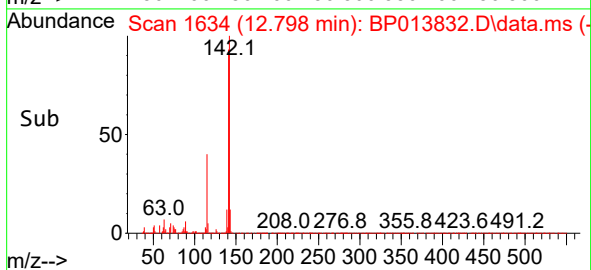
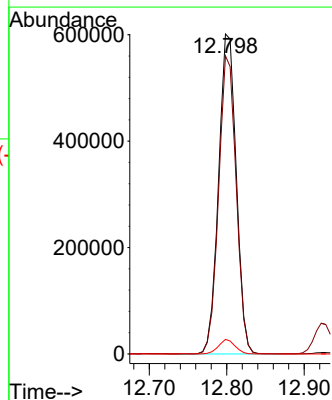
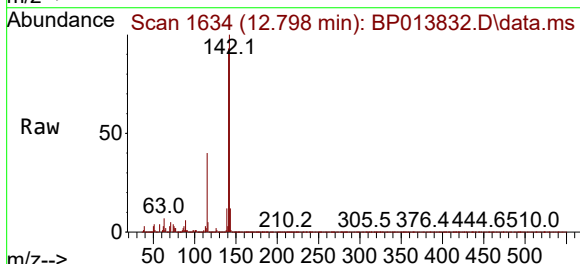
Instrument :
BNA_P
ClientSampleId :
PB150892BS

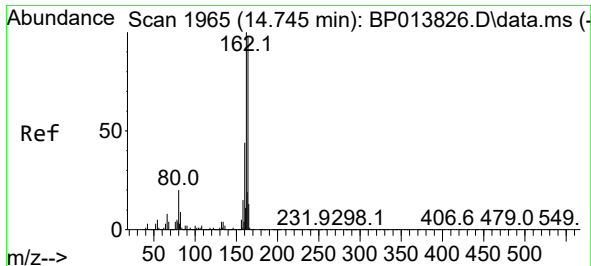
Tgt Ion:142 Resp: 1036851
Ion Ratio Lower Upper
142 100
141 88.6 72.1 108.1
115 38.2 30.2 45.4



#38
1-Methylnaphthalene
Concen: 40.287 ng
RT: 12.798 min Scan# 1634
Delta R.T. -0.006 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:142 Resp: 951632
Ion Ratio Lower Upper
142 100
141 93.1 74.2 111.4
116 4.5 3.3 4.9

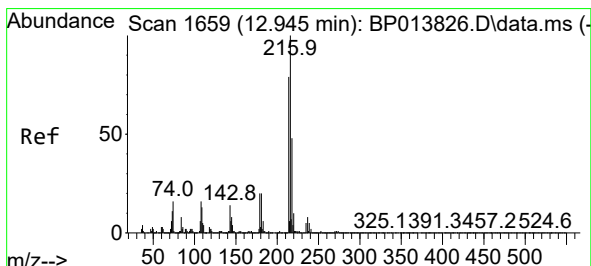
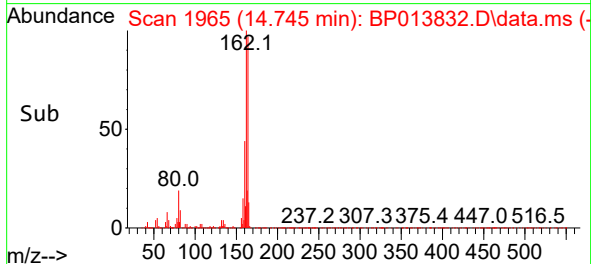
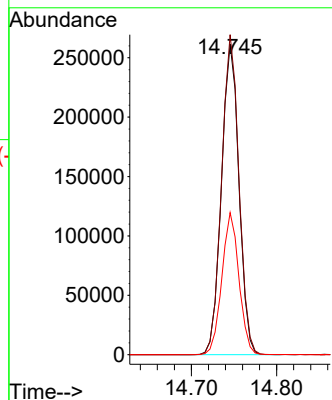
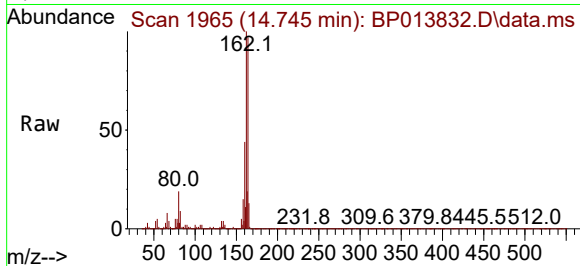




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.745 min Scan# 1965
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

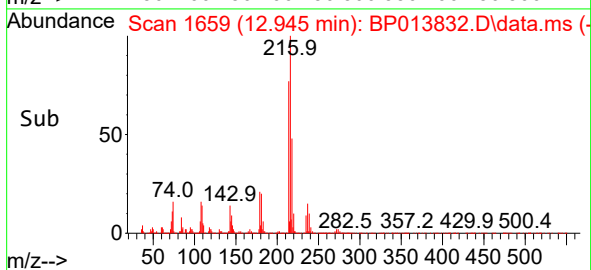
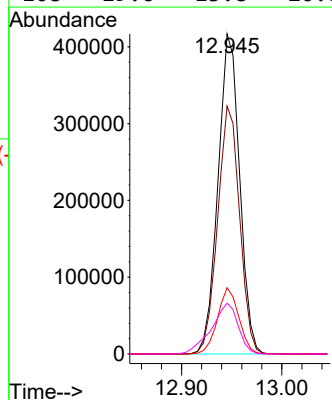
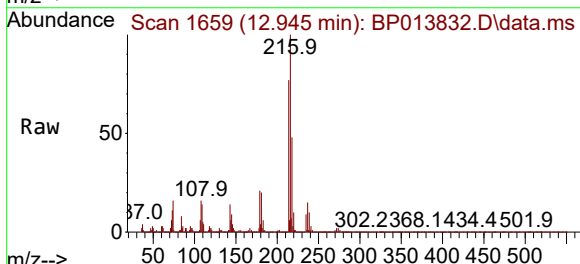
Instrument :
BNA_P
ClientSampleId :
PB150892BS

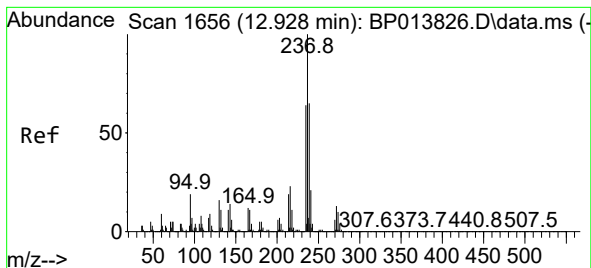
Tgt Ion:164 Resp: 372389
Ion Ratio Lower Upper
164 100
162 103.0 81.7 122.5
160 45.7 36.1 54.1



#40
1,2,4,5-Tetrachlorobenzene
Concen: 46.401 ng
RT: 12.945 min Scan# 1659
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:216 Resp: 623159
Ion Ratio Lower Upper
216 100
214 78.6 63.0 94.4
179 20.4 16.0 24.0
108 19.6 13.8 20.8





#41

Hexachlorocyclopentadiene

Concen: 115.114 ng

RT: 12.928 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Instrument :

BNA_P

ClientSampleId :

PB150892BS

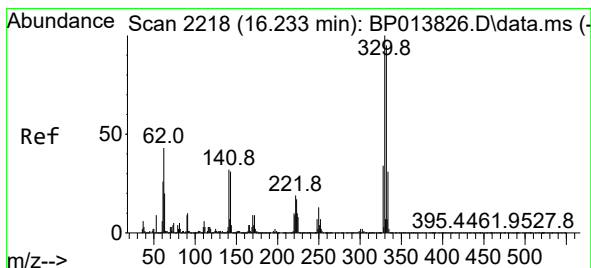
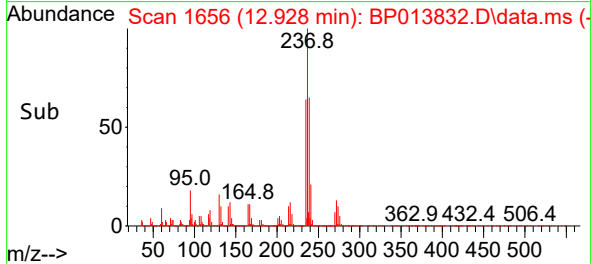
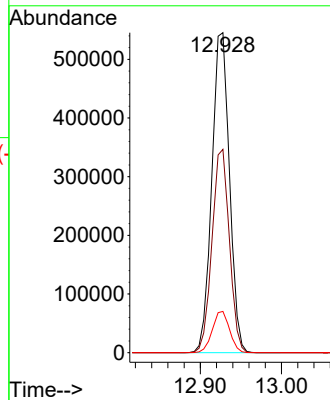
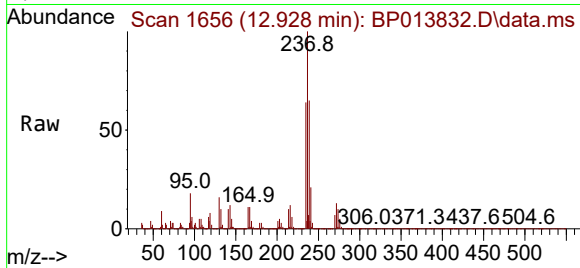
Tgt Ion:237 Resp: 821178

Ion Ratio Lower Upper

237 100

235 63.6 44.3 84.3

272 12.9 0.0 32.8



#42

2,4,6-Tribromophenol

Concen: 134.830 ng

RT: 16.233 min Scan# 2218

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

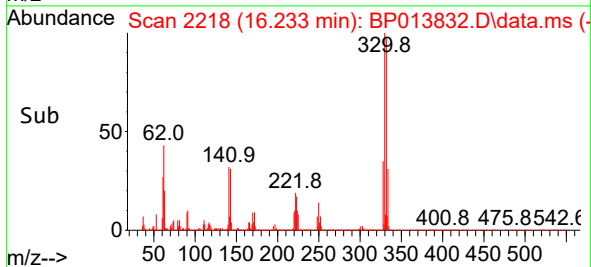
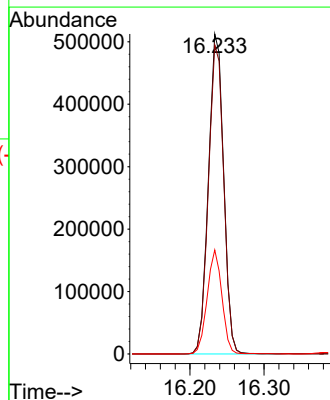
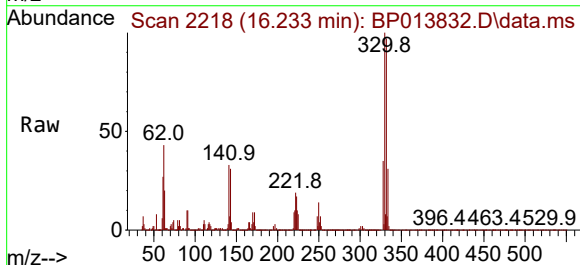
Tgt Ion:330 Resp: 730878

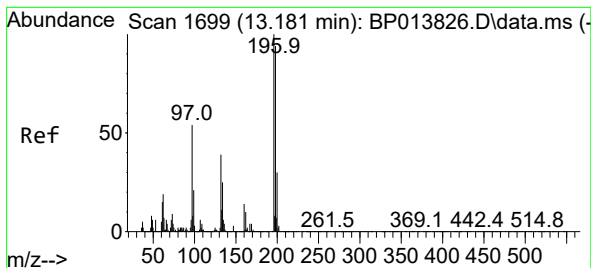
Ion Ratio Lower Upper

330 100

332 97.2 76.7 115.1

141 31.6 25.1 37.7





#43

2,4,6-Trichlorophenol

Concen: 46.629 ng

RT: 13.181 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Instrument :

BNA_P

ClientSampleId :

PB150892BS

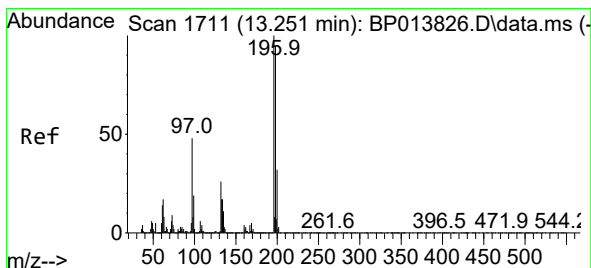
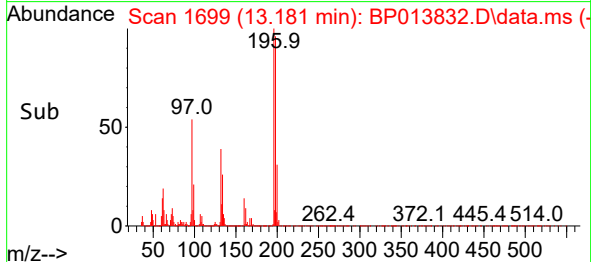
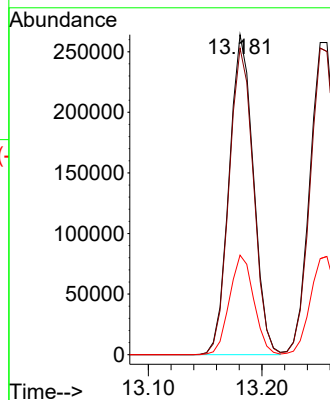
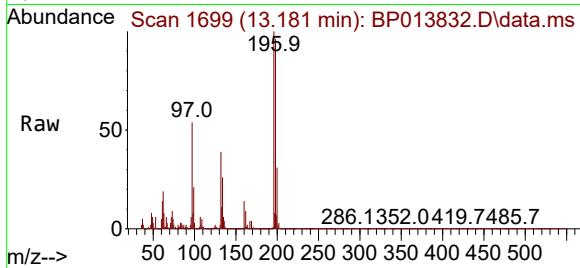
Tgt Ion:196 Resp: 391743

Ion Ratio Lower Upper

196 100

198 95.8 75.5 113.3

200 31.1 24.1 36.1



#44

2,4,5-Trichlorophenol

Concen: 42.230 ng

RT: 13.257 min Scan# 1712

Delta R.T. 0.006 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Tgt Ion:196 Resp: 421667

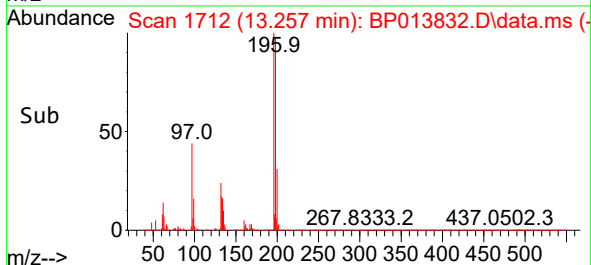
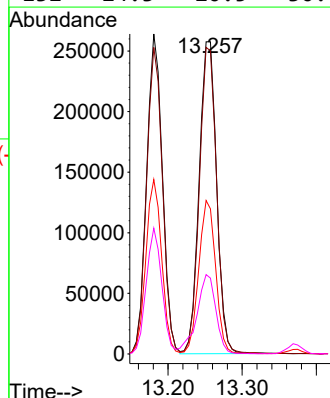
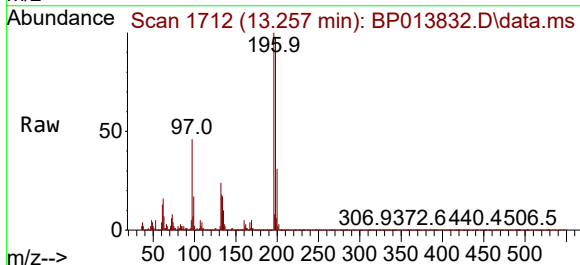
Ion Ratio Lower Upper

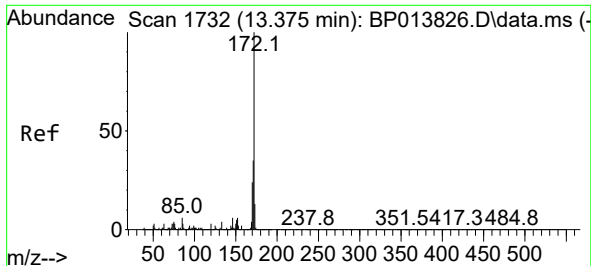
196 100

198 97.1 76.1 114.1

97 46.5 38.8 58.2

132 24.3 20.5 30.7

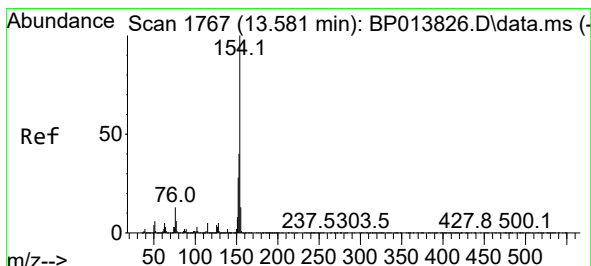
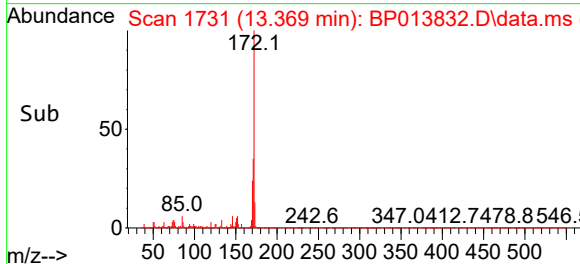
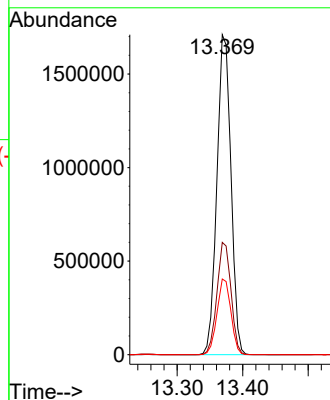
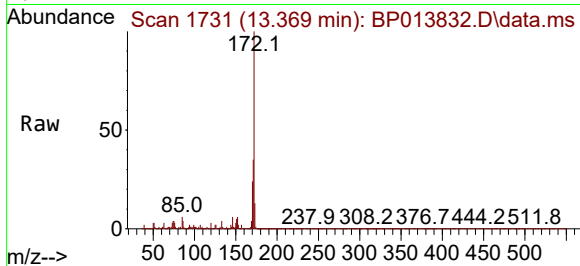




#45
2-Fluorobiphenyl
Concen: 89.304 ng
RT: 13.369 min Scan# 1732
Delta R.T. -0.006 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

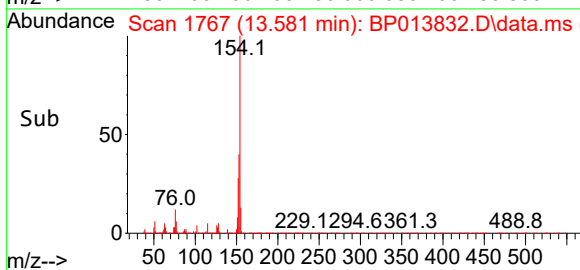
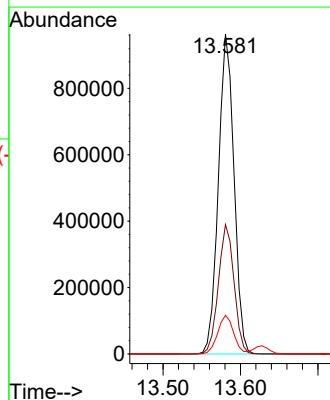
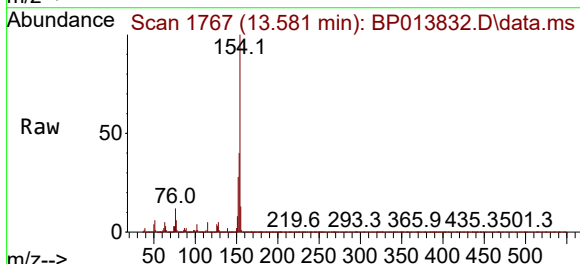
Instrument :
BNA_P
ClientSampleId :
PB150892BS

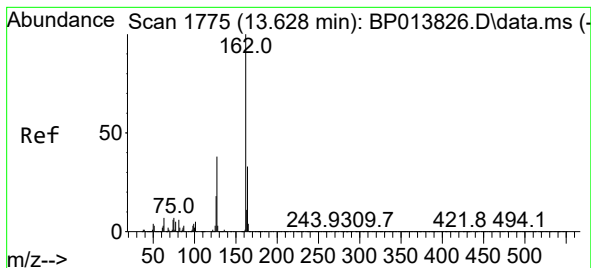
Tgt Ion:172 Resp: 2531897
Ion Ratio Lower Upper
172 100
171 35.1 28.2 42.4
170 23.7 19.0 28.4



#46
1,1'-Biphenyl
Concen: 44.995 ng
RT: 13.581 min Scan# 1767
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:154 Resp: 1354278
Ion Ratio Lower Upper
154 100
153 40.4 19.9 59.9
76 12.1 0.0 32.8

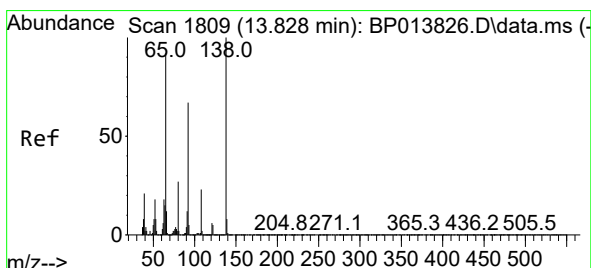
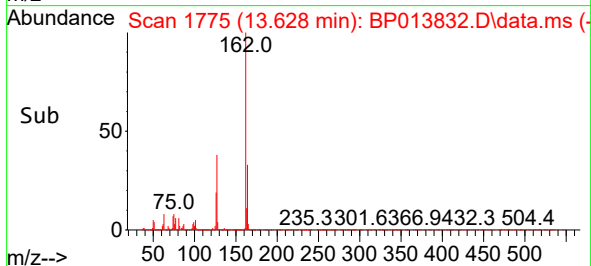
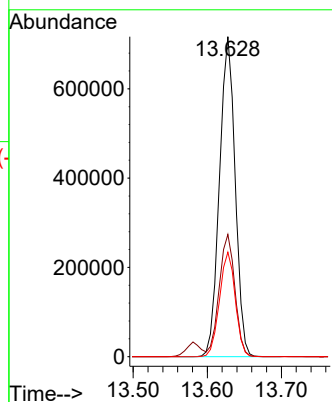
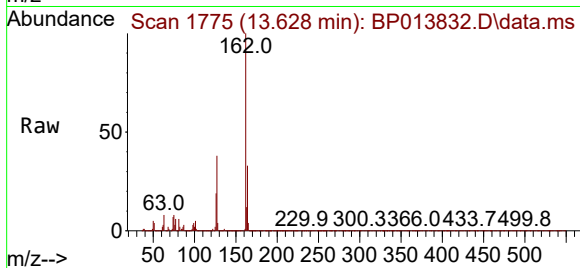




#47
2-Chloronaphthalene
Concen: 46.021 ng
RT: 13.628 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

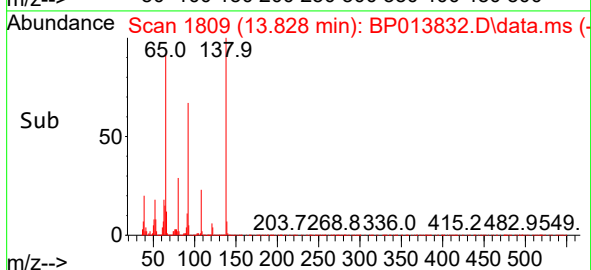
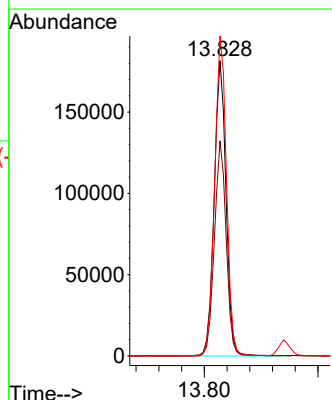
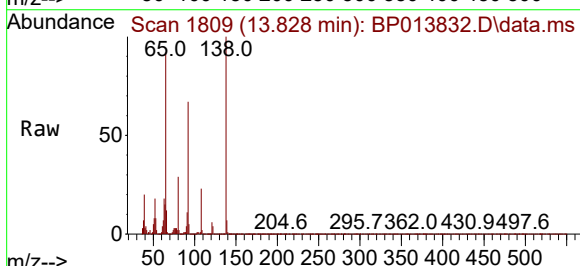
Instrument :
BNA_P
ClientSampleId :
PB150892BS

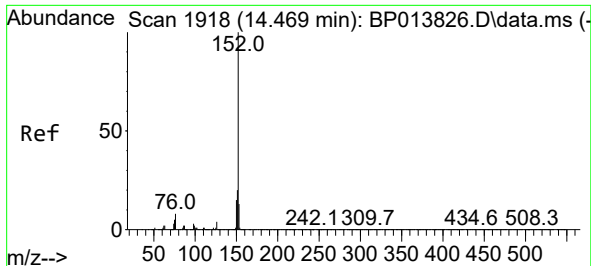
Tgt Ion:162 Resp: 1055296
Ion Ratio Lower Upper
162 100
127 38.2 30.8 46.2
164 32.7 26.3 39.5



#48
2-Nitroaniline
Concen: 40.685 ng
RT: 13.828 min Scan# 1809
Delta R.T. -0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion: 65 Resp: 261541
Ion Ratio Lower Upper
65 100
92 72.8 58.7 88.1
138 108.3 87.3 130.9

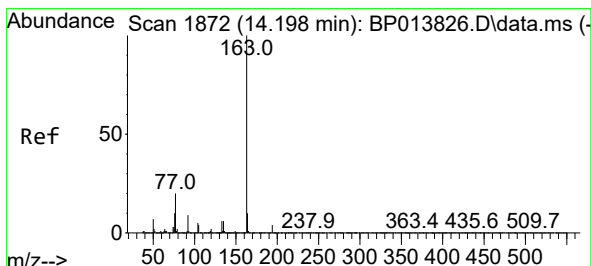
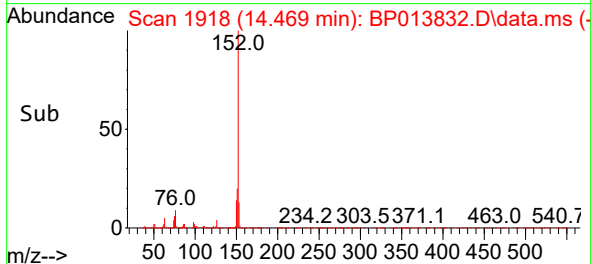
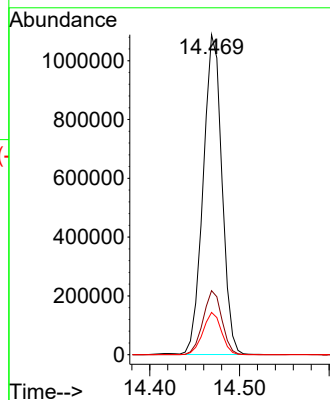
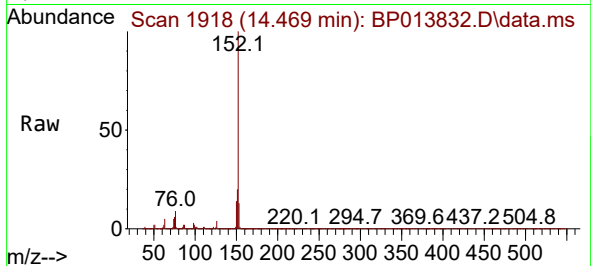




#49
Acenaphthylene
Concen: 43.715 ng
RT: 14.469 min Scan# 1918
Delta R.T. -0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

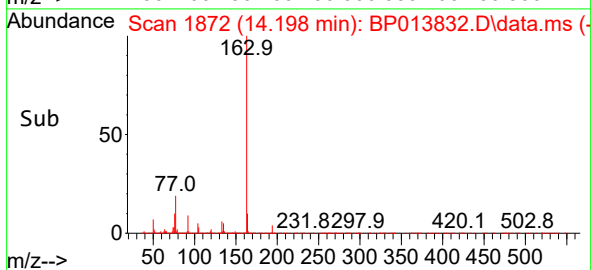
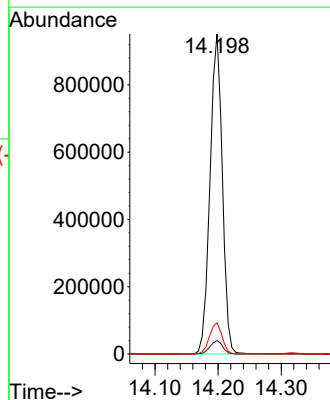
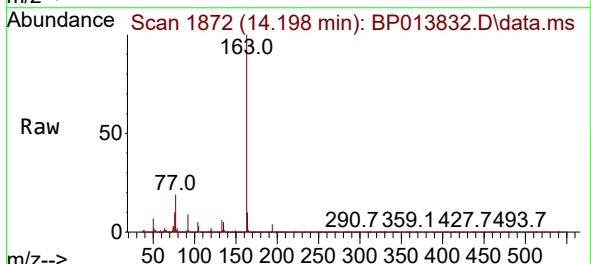
Instrument :
BNA_P
ClientSampleId :
PB150892BS

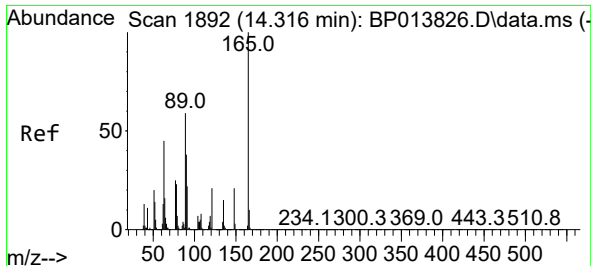
Tgt Ion:152 Resp: 1580157
Ion Ratio Lower Upper
152 100
151 20.0 15.8 23.8
153 13.2 10.7 16.1



#50
Dimethylphthalate
Concen: 42.546 ng
RT: 14.198 min Scan# 1872
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:163 Resp: 1289250
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 9.8 8.0 12.0

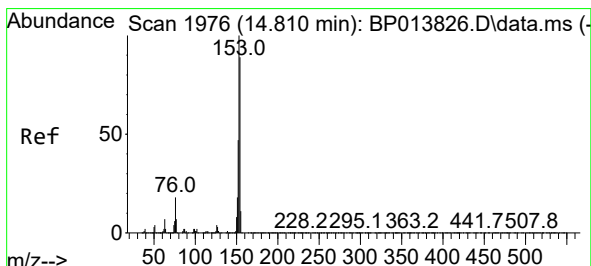
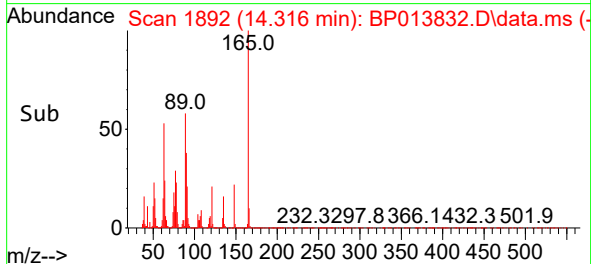
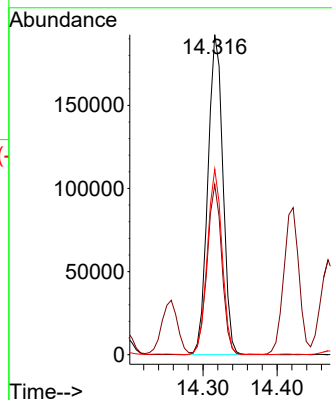
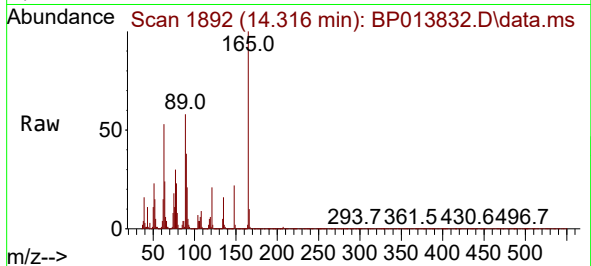




#51
2,6-Dinitrotoluene
Concen: 41.293 ng
RT: 14.316 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

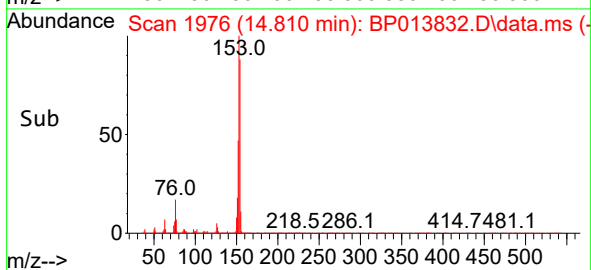
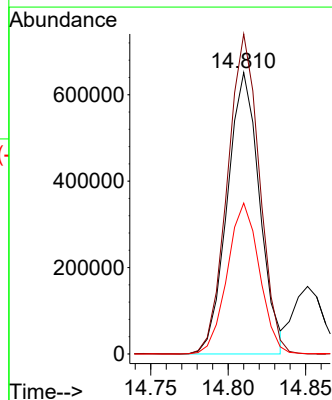
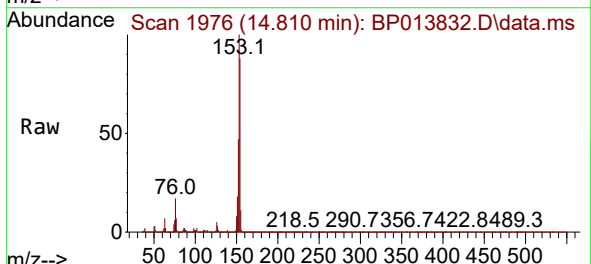
Instrument :
BNA_P
ClientSampleId :
PB150892BS

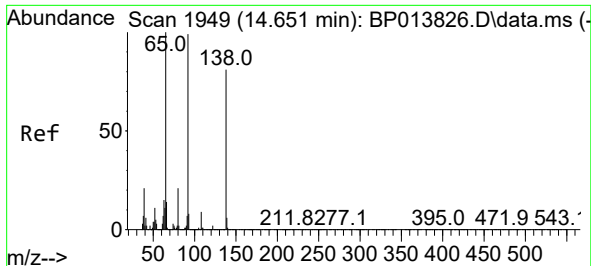
Tgt Ion:165 Resp: 271644
Ion Ratio Lower Upper
165 100
63 53.2 42.6 63.8
89 58.0 47.1 70.7



#52
Acenaphthene
Concen: 42.881 ng
RT: 14.810 min Scan# 1976
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:154 Resp: 943201
Ion Ratio Lower Upper
154 100
153 113.7 90.4 135.6
152 53.6 42.6 64.0

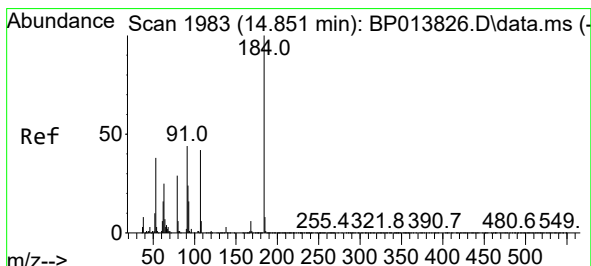
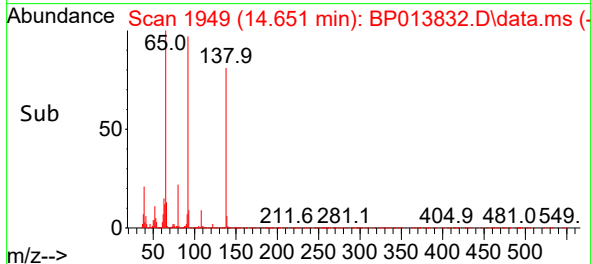
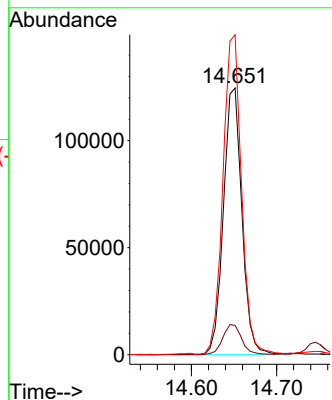
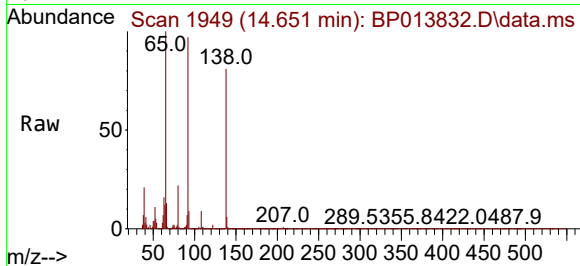




#53
3-Nitroaniline
Concen: 28.069 ng
RT: 14.651 min Scan# 1949
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

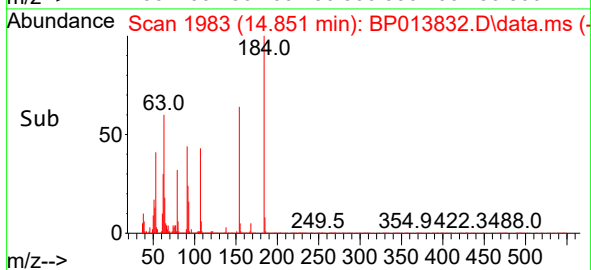
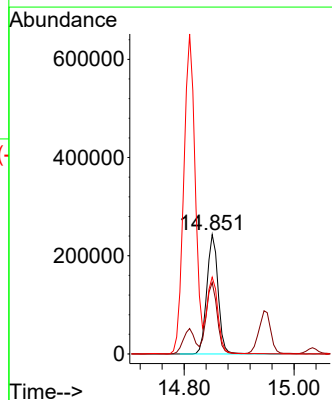
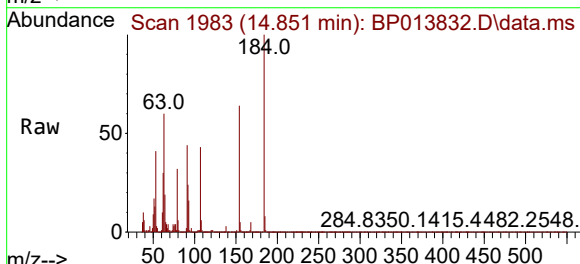
Instrument :
BNA_P
ClientSampleId :
PB150892BS

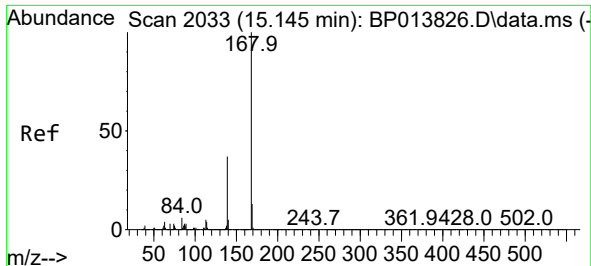
Tgt Ion:138 Resp: 187503
Ion Ratio Lower Upper
138 100
108 11.0 9.0 13.4
92 120.0 97.1 145.7



#54
2,4-Dinitrophenol
Concen: 79.564 ng
RT: 14.851 min Scan# 1983
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:184 Resp: 346425
Ion Ratio Lower Upper
184 100
63 59.8 47.0 70.4
154 64.3 51.5 77.3

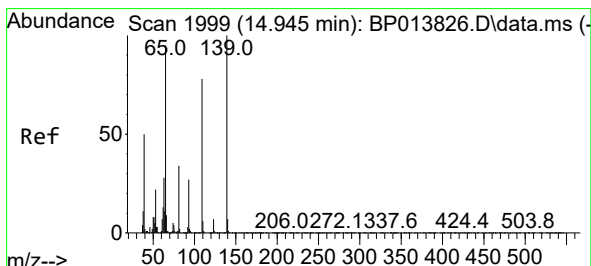
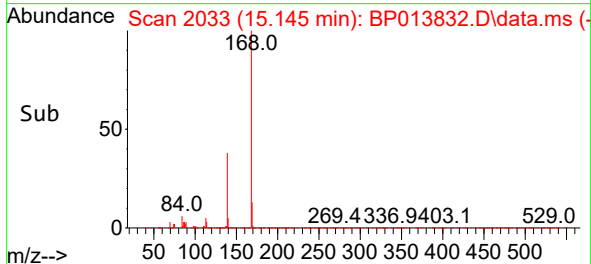
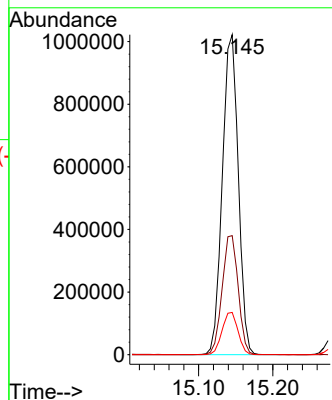
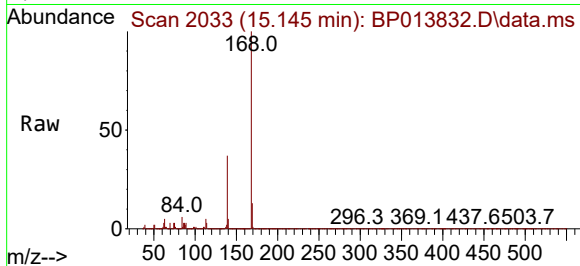




#55
Dibenzofuran
Concen: 41.673 ng
RT: 15.145 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

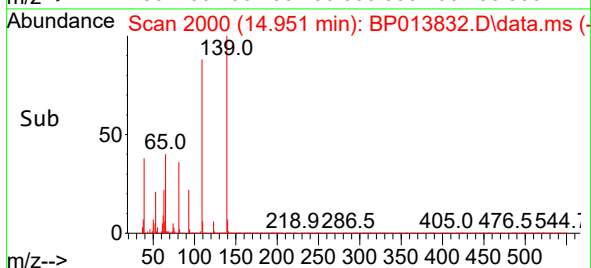
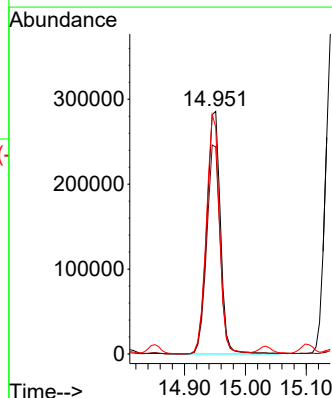
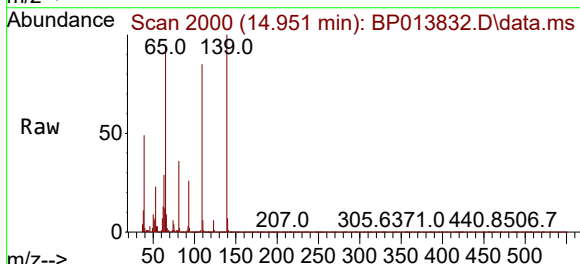
Instrument :
BNA_P
ClientSampleId :
PB150892BS

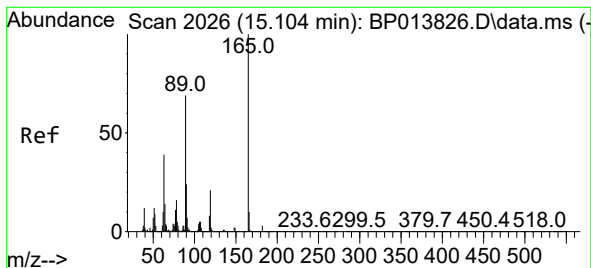
Tgt Ion:168 Resp: 1525160
Ion Ratio Lower Upper
168 100
139 37.2 29.8 44.8
169 13.2 10.8 16.2



#56
4-Nitrophenol
Concen: 82.326 ng
RT: 14.951 min Scan# 2000
Delta R.T. 0.006 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:139 Resp: 445925
Ion Ratio Lower Upper
139 100
109 85.4 58.2 98.2
65 93.5 74.9 114.9

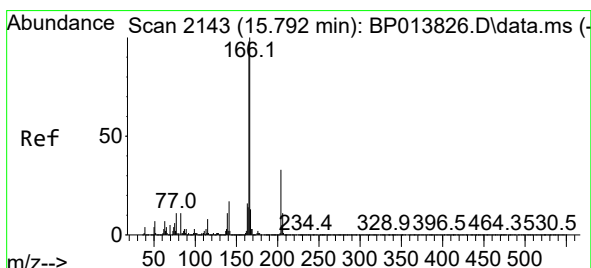
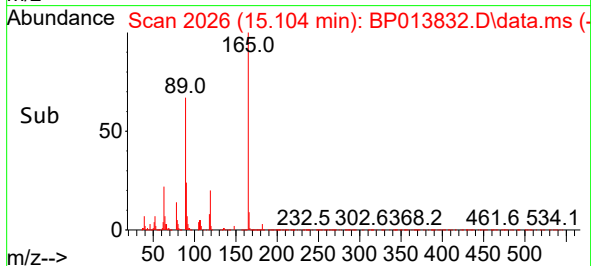
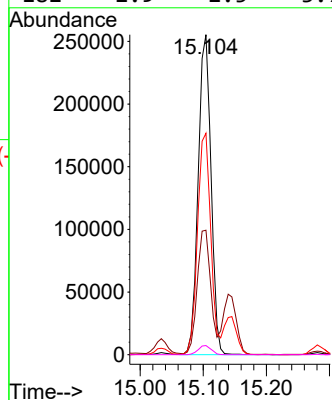
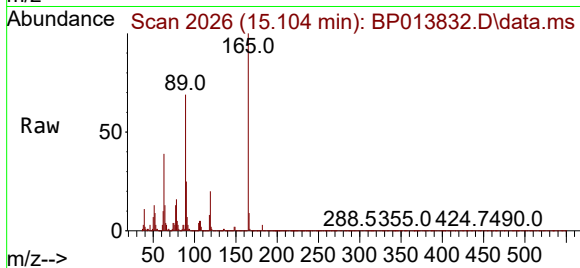




#57
2,4-Dinitrotoluene
Concen: 40.691 ng
RT: 15.104 min Scan# 2026
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

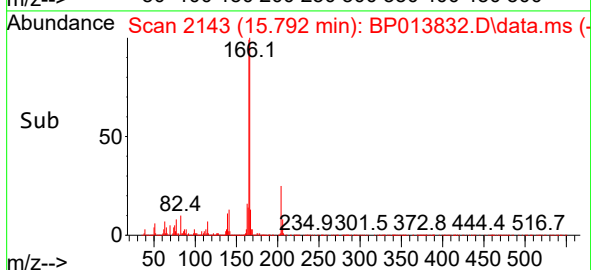
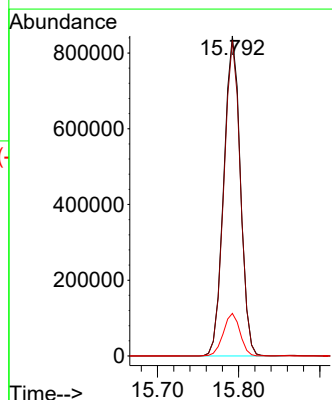
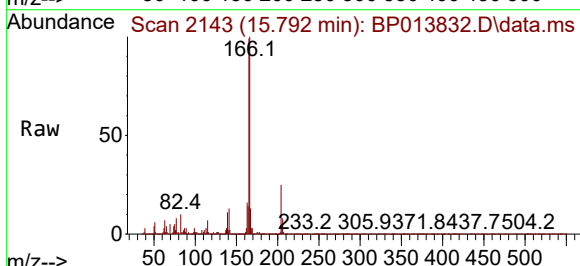
Instrument :
BNA_P
ClientSampleId :
PB150892BS

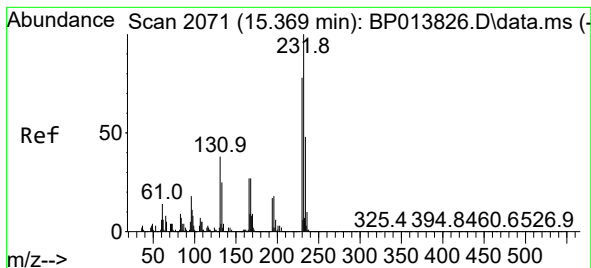
Tgt Ion:165 Resp: 359530
Ion Ratio Lower Upper
165 100
63 38.9 31.1 46.7
89 69.2 54.9 82.3
182 2.9 2.5 3.7



#58
Fluorene
Concen: 41.785 ng
RT: 15.792 min Scan# 2143
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:166 Resp: 1199104
Ion Ratio Lower Upper
166 100
165 98.5 78.1 117.1
167 13.3 10.7 16.1

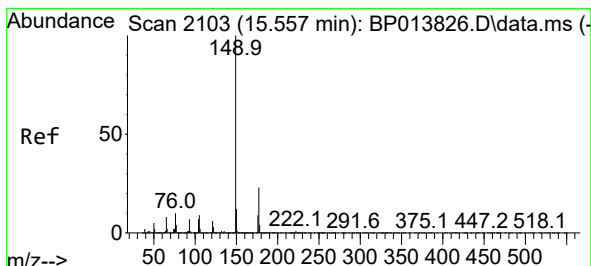
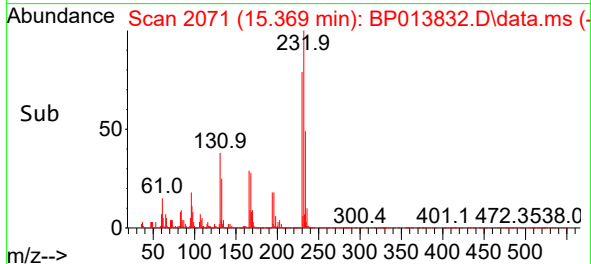
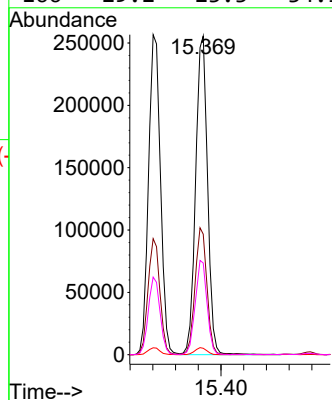
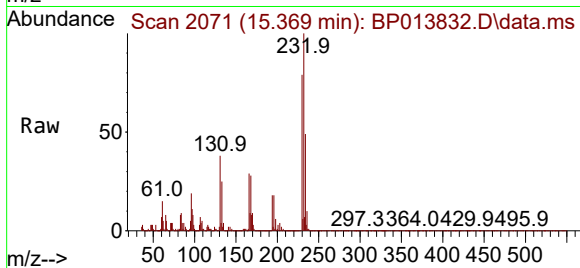




#59
2,3,4,6-Tetrachlorophenol
Concen: 43.494 ng
RT: 15.369 min Scan# 2071
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

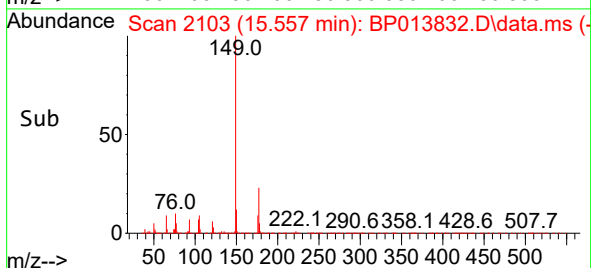
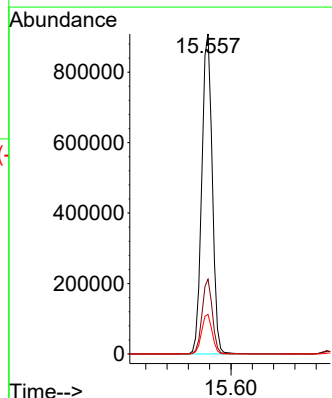
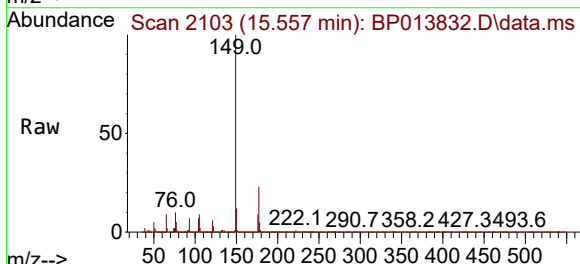
Instrument :
BNA_P
ClientSampleId :
PB150892BS

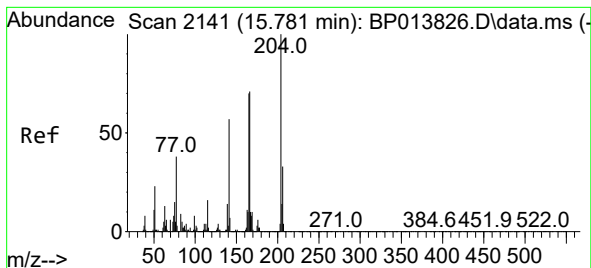
Tgt Ion:	232	Resp:	373875
Ion	Ratio	Lower	Upper
232	100		
131	39.3	31.7	47.5
130	2.2	1.7	2.5
166	29.2	23.3	34.9



#60
Diethylphthalate
Concen: 41.904 ng
RT: 15.557 min Scan# 2103
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:	149	Resp:	1238195
Ion	Ratio	Lower	Upper
149	100		
177	23.3	18.4	27.6
150	12.4	9.8	14.8

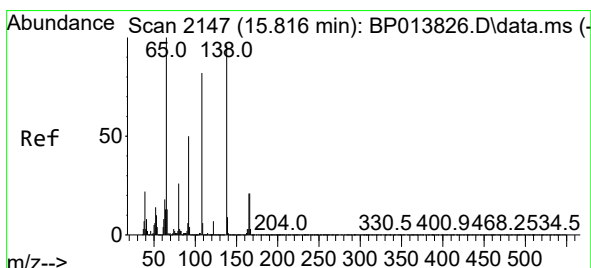
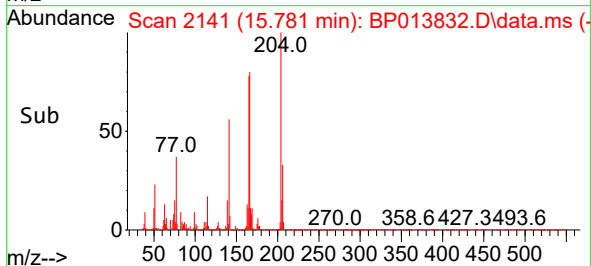
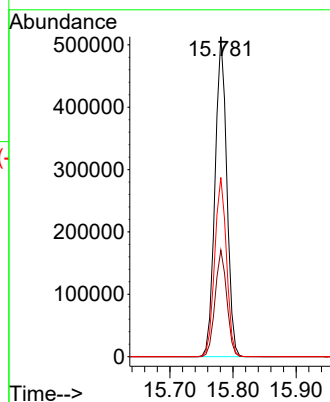
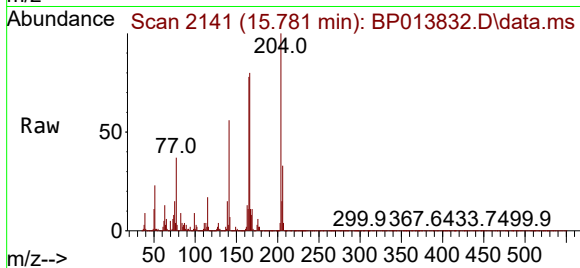




#61
4-Chlorophenyl-phenylether
Concen: 42.589 ng
RT: 15.781 min Scan# 2141
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

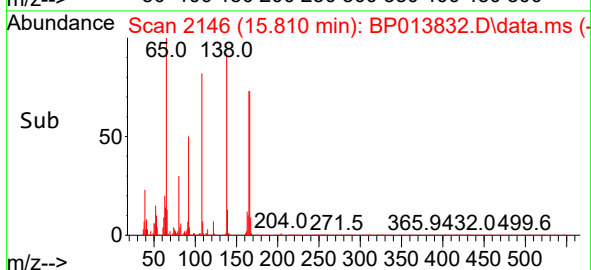
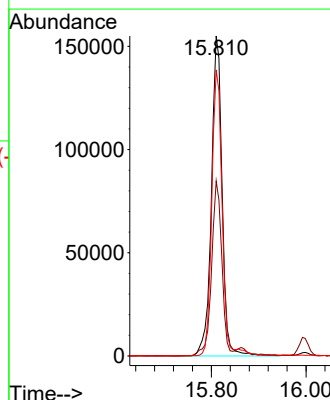
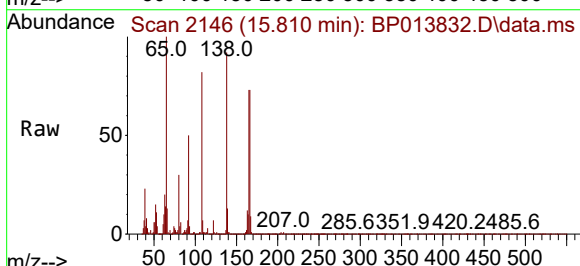
Instrument :
BNA_P
ClientSampleId :
PB150892BS

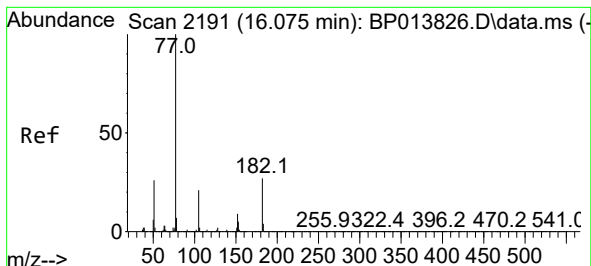
Tgt Ion:204 Resp: 662200
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.2
141 56.0 45.3 67.9



#62
4-Nitroaniline
Concen: 35.254 ng
RT: 15.810 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:138 Resp: 244956
Ion Ratio Lower Upper
138 100
92 54.7 32.0 72.0
108 89.4 65.6 105.6





#63

Azobenzene

Concen: 43.845 ng

RT: 16.075 min Scan# 2191

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Instrument :

BNA_P

ClientSampleId :

PB150892BS

Tgt Ion: 77 Resp: 1172136

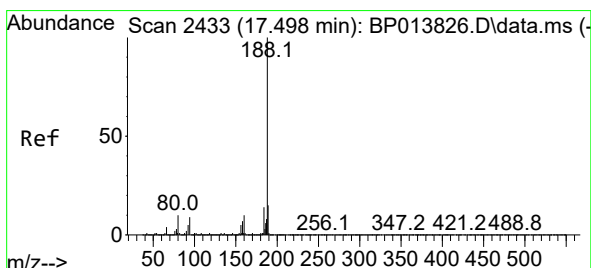
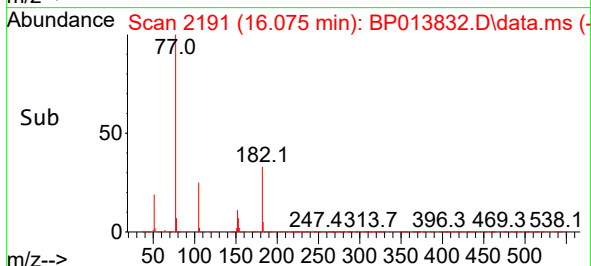
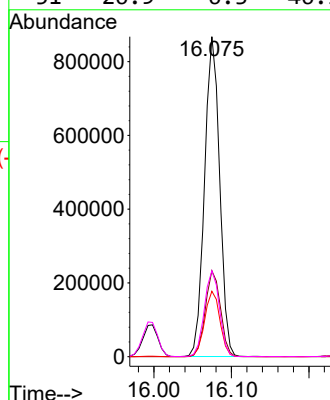
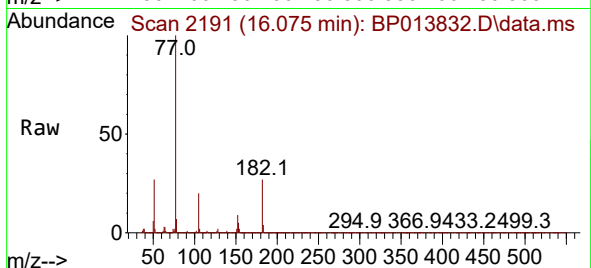
Ion Ratio Lower Upper

77 100

182 26.9 6.9 46.9

105 20.4 1.1 41.1

51 26.9 6.3 46.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.498 min Scan# 2433

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

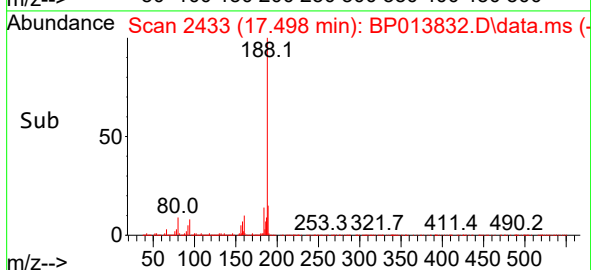
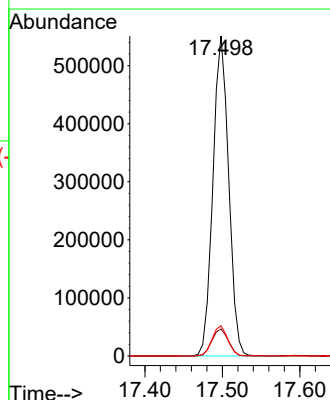
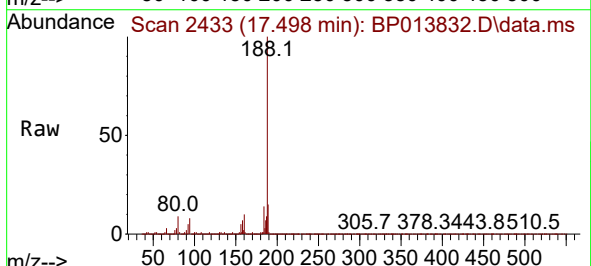
Tgt Ion:188 Resp: 776981

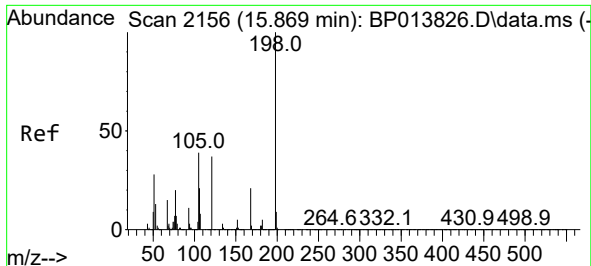
Ion Ratio Lower Upper

188 100

94 8.4 7.0 10.6

80 9.4 7.8 11.8

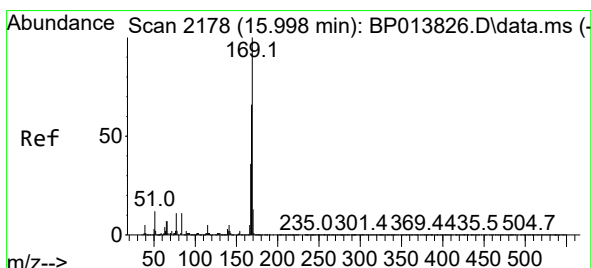
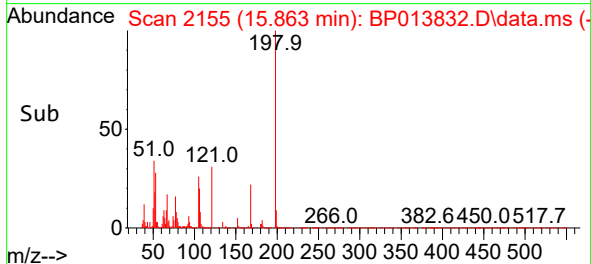
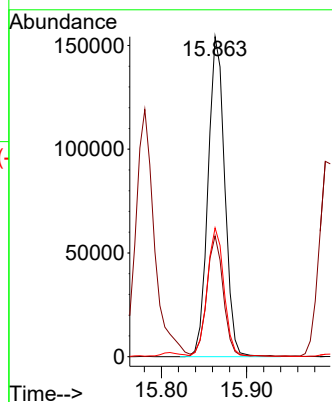
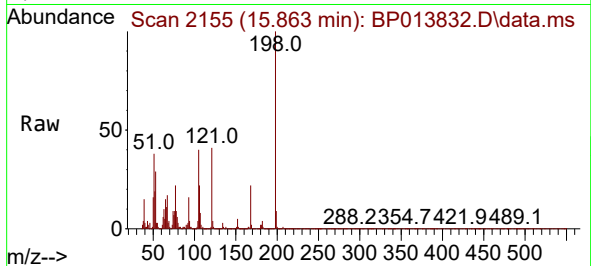




#65
4,6-Dinitro-2-methylphenol
Concen: 39.172 ng
RT: 15.863 min Scan# 2155
Delta R.T. -0.006 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

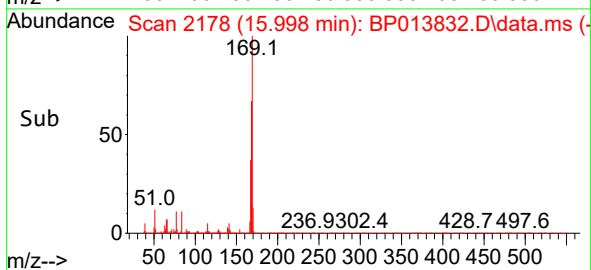
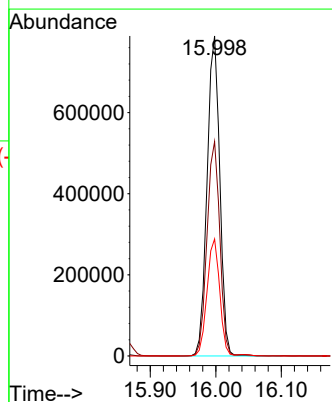
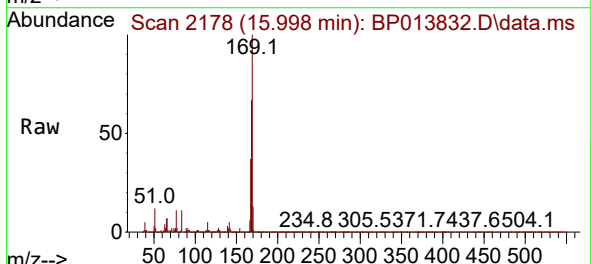
Instrument :
BNA_P
ClientSampleId :
PB150892BS

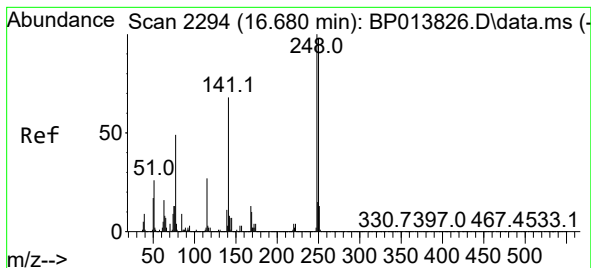
Tgt Ion:198 Resp: 209495
Ion Ratio Lower Upper
198 100
51 37.7 14.3 54.3
105 40.2 20.5 60.5



#66
n-Nitrosodiphenylamine
Concen: 45.160 ng
RT: 15.998 min Scan# 2178
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:169 Resp: 1062824
Ion Ratio Lower Upper
169 100
168 67.0 53.0 79.6
167 36.6 29.0 43.4

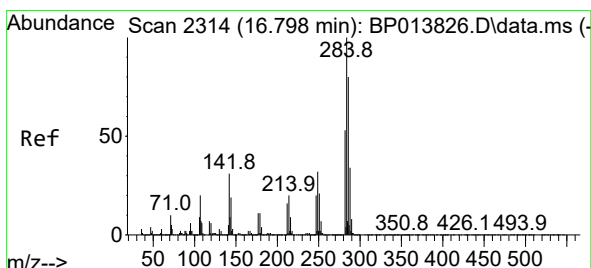
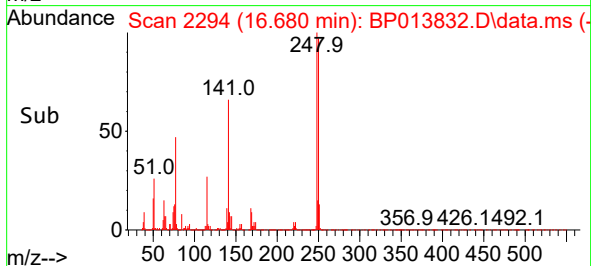
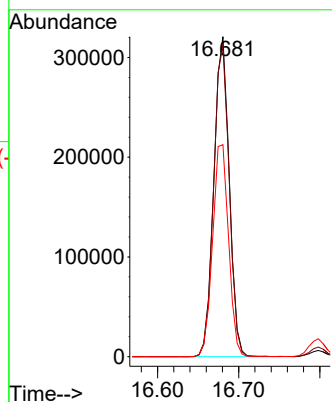
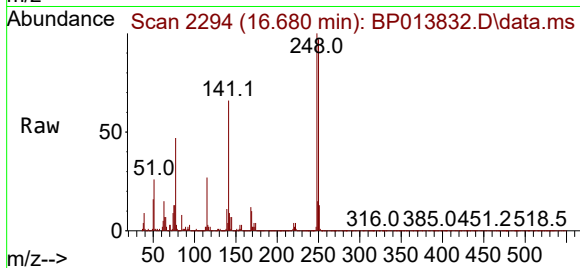




#67
4-Bromophenyl-phenylether
Concen: 46.135 ng
RT: 16.680 min Scan# 211
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

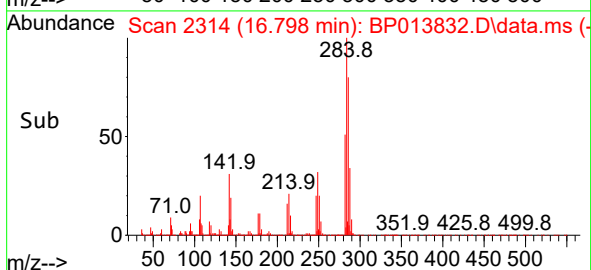
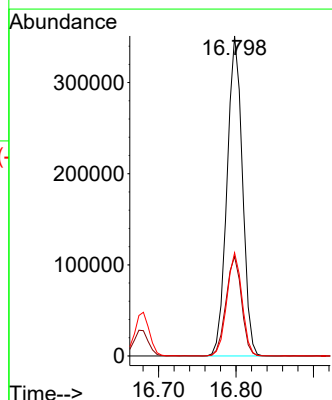
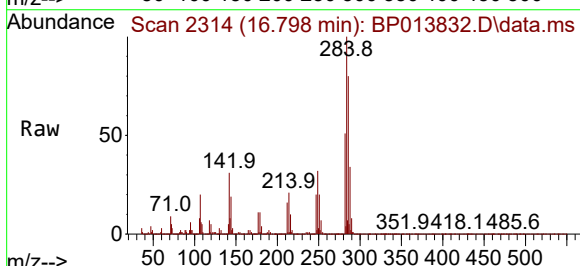
Instrument :
BNA_P
ClientSampleId :
PB150892BS

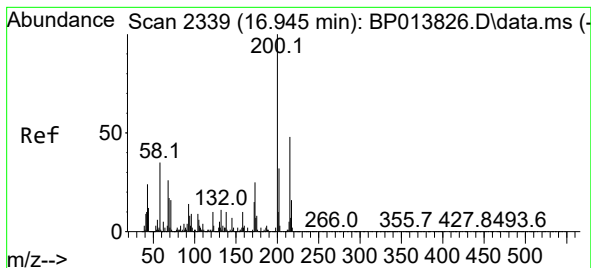
Tgt Ion:248 Resp: 423097
Ion Ratio Lower Upper
248 100
250 97.1 78.1 117.1
141 66.3 54.3 81.5



#68
Hexachlorobenzene
Concen: 48.398 ng
RT: 16.798 min Scan# 2314
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:284 Resp: 484499
Ion Ratio Lower Upper
284 100
142 31.1 24.8 37.2
249 32.2 25.8 38.6





#69

Atrazine

Concen: 47.524 ng

RT: 16.945 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Instrument :

BNA_P

ClientSampleId :

PB150892BS

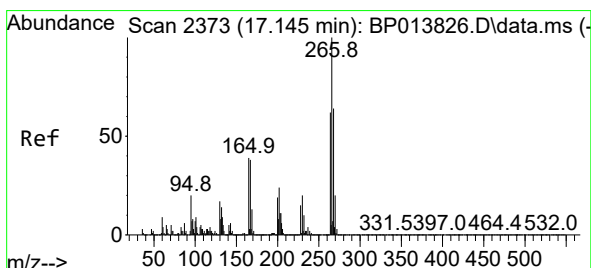
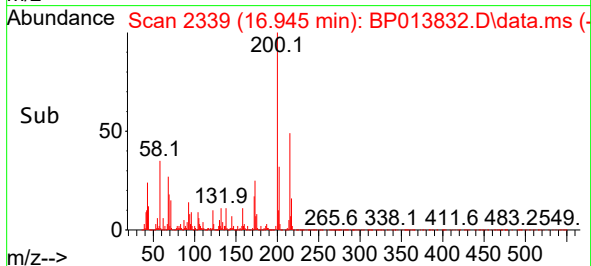
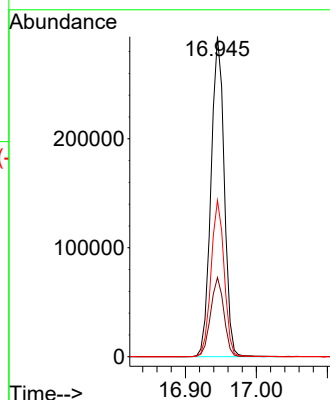
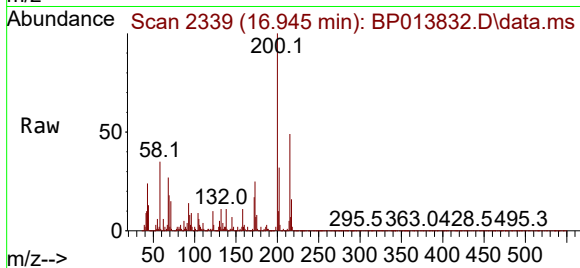
Tgt Ion:200 Resp: 381337

Ion Ratio Lower Upper

200 100

173 24.8 5.2 45.2

215 48.9 28.4 68.4



#70

Pentachlorophenol

Concen: 82.204 ng

RT: 17.145 min Scan# 2373

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

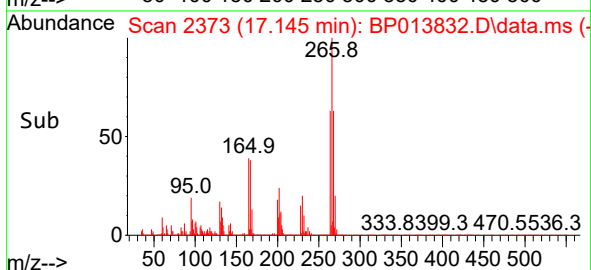
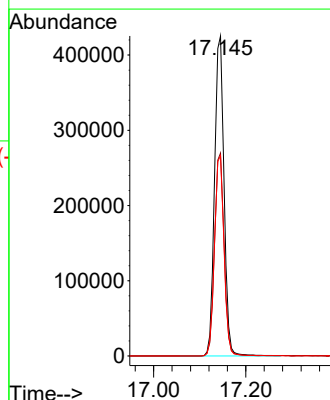
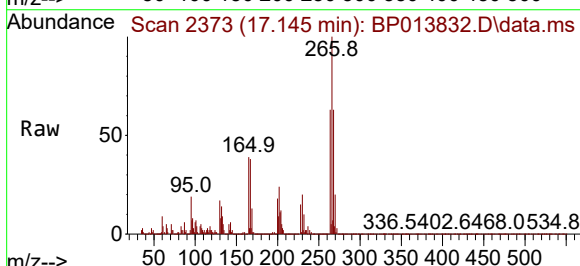
Tgt Ion:266 Resp: 606716

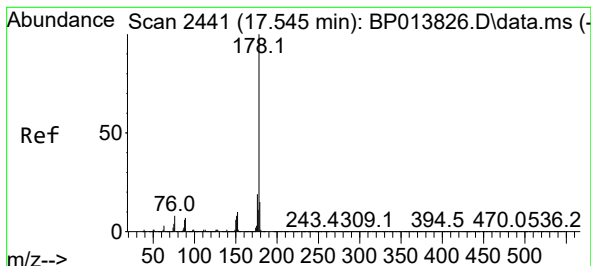
Ion Ratio Lower Upper

266 100

268 63.4 50.9 76.3

264 62.6 49.4 74.0





#71

Phenanthrene

Concen: 43.695 ng

RT: 17.539 min Scan# 2441

Delta R.T. -0.006 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Instrument :

BNA_P

ClientSampleId :

PB150892BS

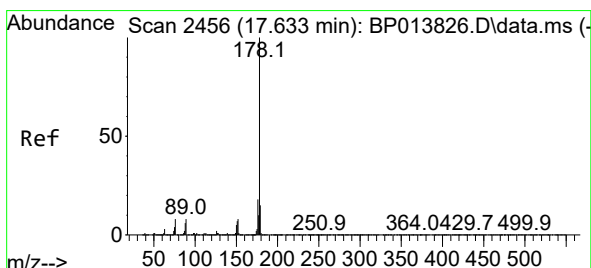
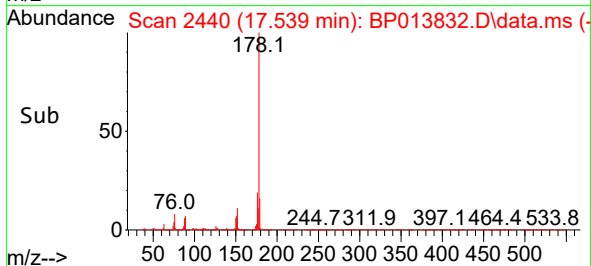
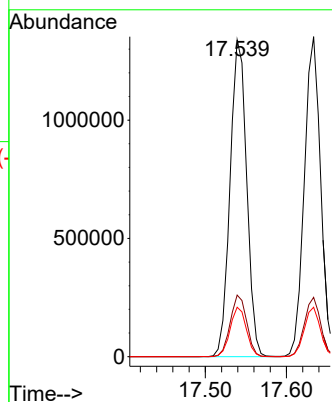
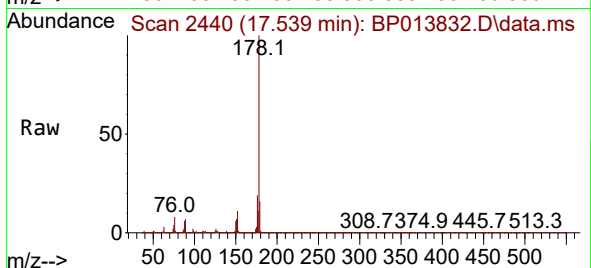
Tgt Ion:178 Resp: 1901926

Ion Ratio Lower Upper

178 100

176 19.4 15.4 23.0

179 15.6 12.2 18.4



#72

Anthracene

Concen: 43.529 ng

RT: 17.633 min Scan# 2456

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

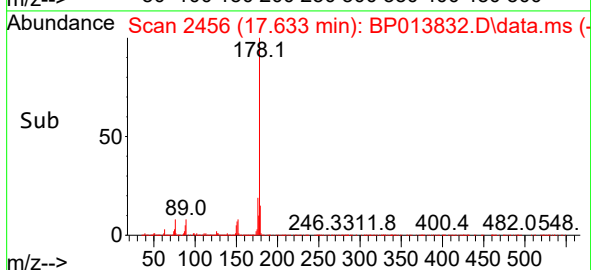
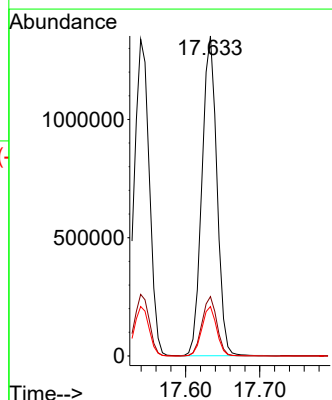
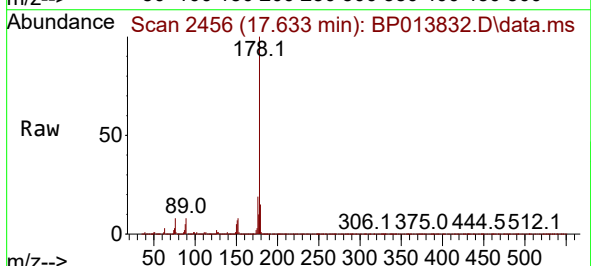
Tgt Ion:178 Resp: 1894523

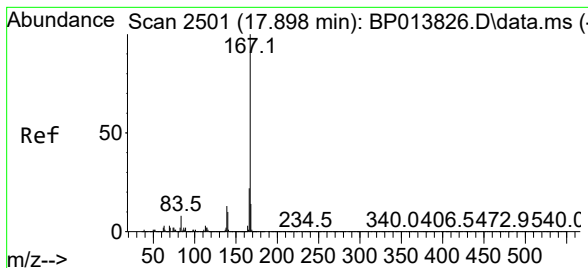
Ion Ratio Lower Upper

178 100

176 18.5 14.7 22.1

179 15.4 12.4 18.6





#73

Carbazole

Concen: 42.748 ng

RT: 17.898 min Scan# 2501

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Instrument :

BNA_P

ClientSampleId :

PB150892BS

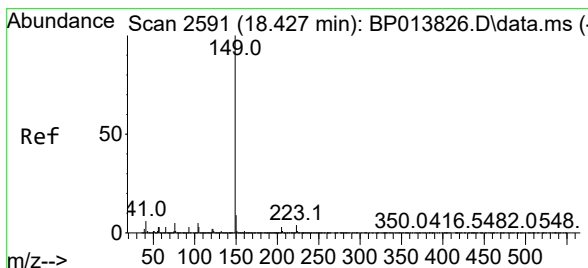
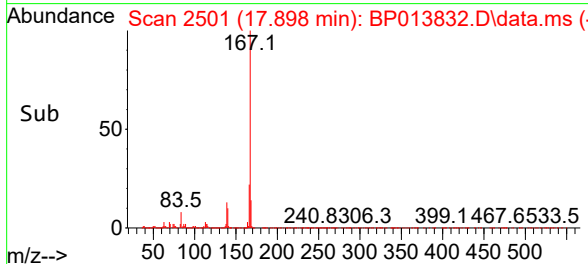
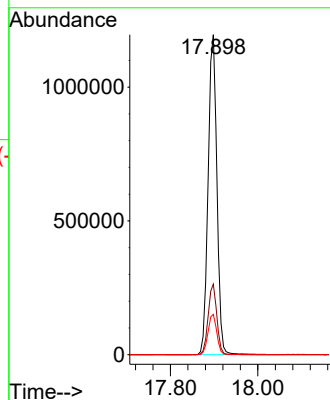
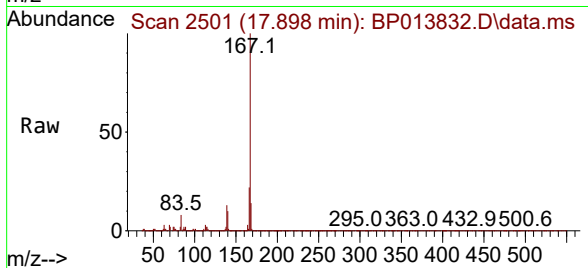
Tgt Ion:167 Resp: 1675012

Ion Ratio Lower Upper

167 100

166 22.0 17.7 26.5

139 12.6 10.2 15.2



#74

Di-n-butylphthalate

Concen: 44.709 ng

RT: 18.427 min Scan# 2591

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

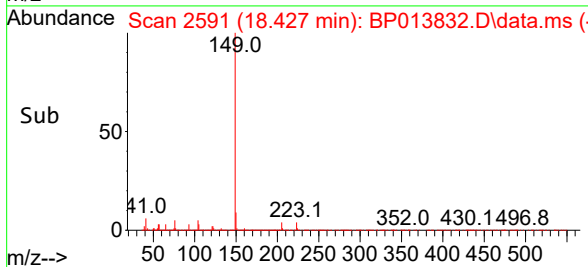
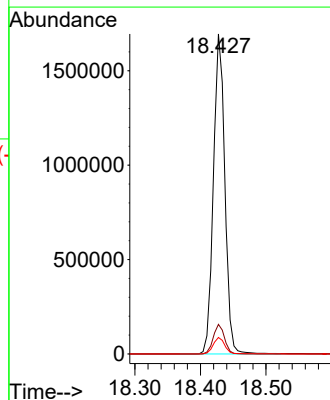
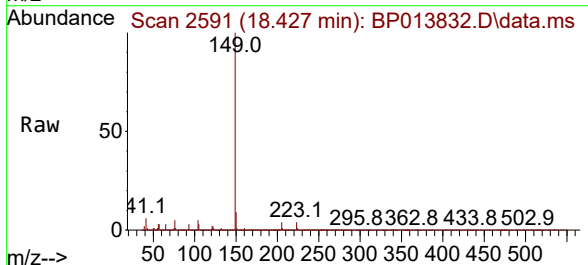
Tgt Ion:149 Resp: 2052501

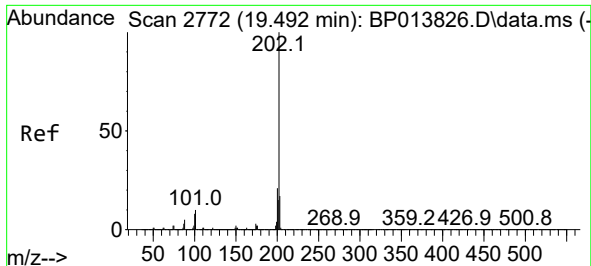
Ion Ratio Lower Upper

149 100

150 9.3 7.5 11.3

104 5.1 4.1 6.1

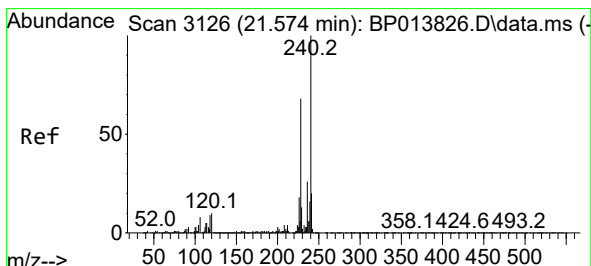
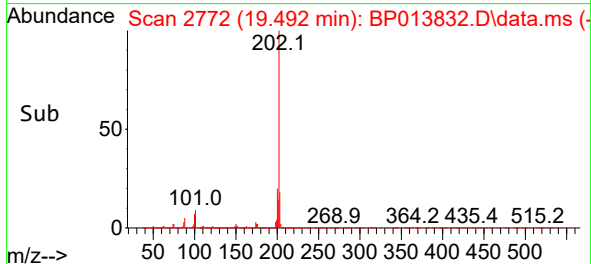
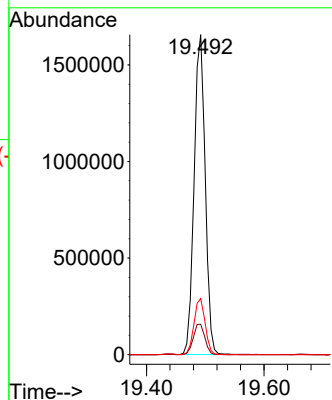
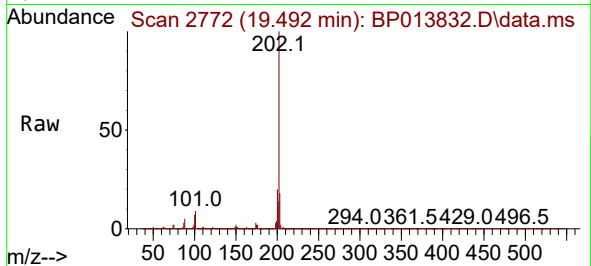




#75
Fluoranthene
Concen: 39.862 ng
RT: 19.492 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

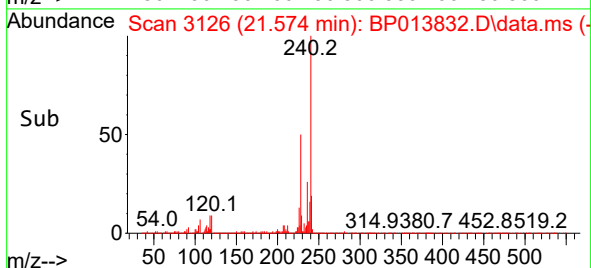
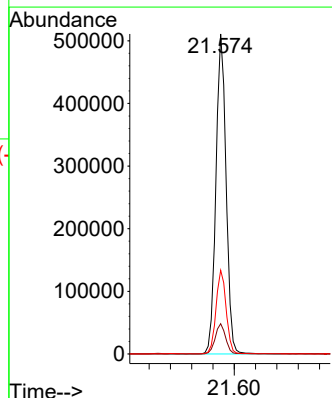
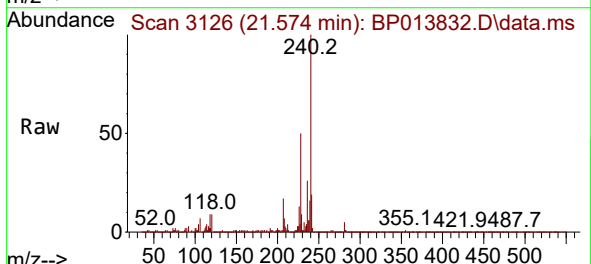
Instrument :
BNA_P
ClientSampleId :
PB150892BS

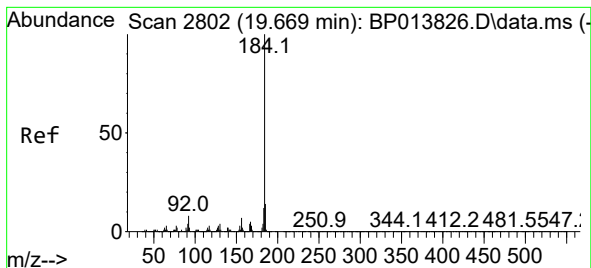
Tgt Ion:202 Resp: 2162997
Ion Ratio Lower Upper
202 100
101 9.5 0.0 30.0
203 17.5 0.0 37.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.574 min Scan# 3126
Delta R.T. 0.000 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:240 Resp: 677322
Ion Ratio Lower Upper
240 100
120 9.5 7.9 11.9
236 26.2 20.9 31.3





#77

Benzidine

Concen: 45.663 ng

RT: 19.663 min Scan# 2801

Delta R.T. -0.006 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Instrument :

BNA_P

ClientSampleId :

PB150892BS

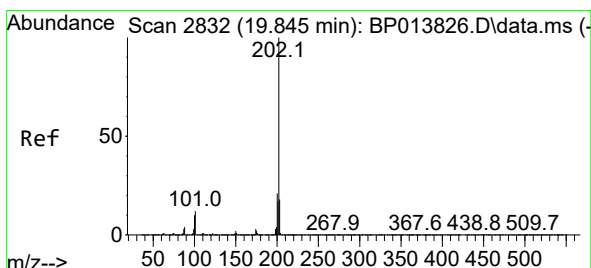
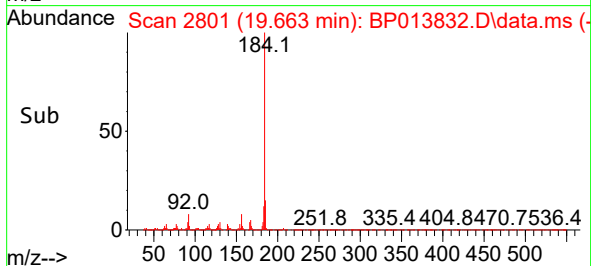
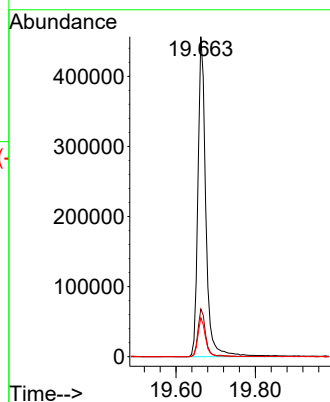
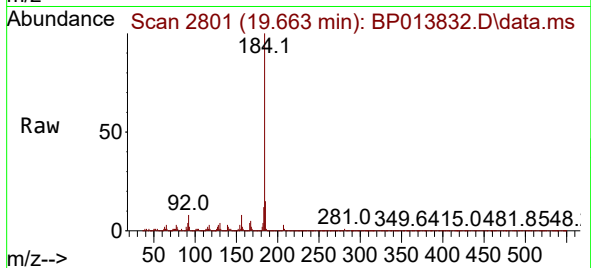
Tgt Ion:184 Resp: 630442

Ion Ratio Lower Upper

184 100

185 14.9 11.4 17.0

183 12.2 9.6 14.4



#78

Pyrene

Concen: 48.262 ng

RT: 19.845 min Scan# 2832

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

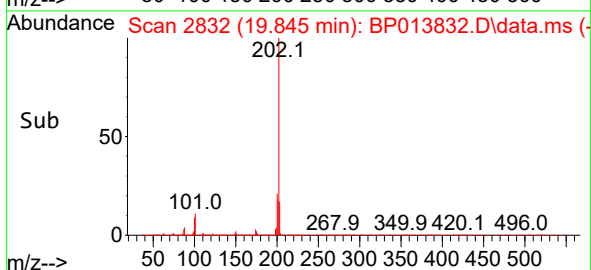
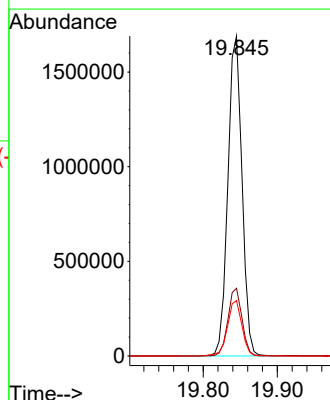
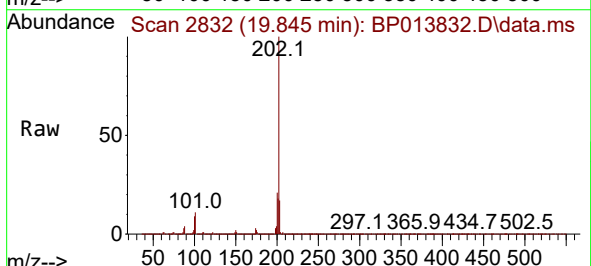
Tgt Ion:202 Resp: 2233836

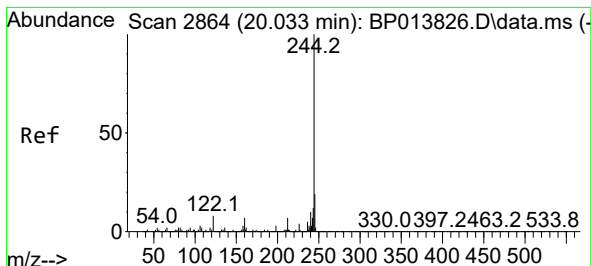
Ion Ratio Lower Upper

202 100

200 21.2 16.9 25.3

203 17.3 14.2 21.2





#79

Terphenyl-d14

Concen: 104.710 ng

RT: 20.027 min Scan# 21

Delta R.T. -0.006 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Instrument :

BNA_P

ClientSampleId :

PB150892BS

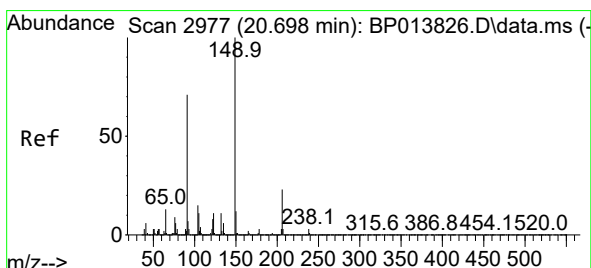
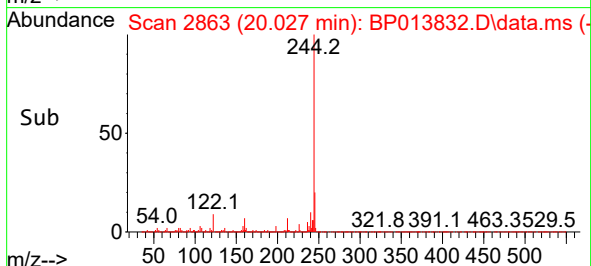
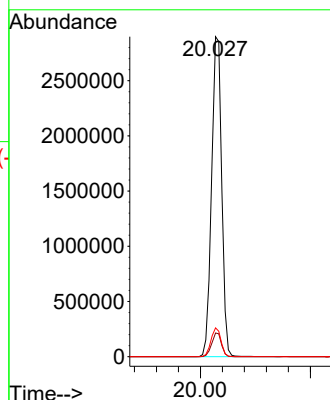
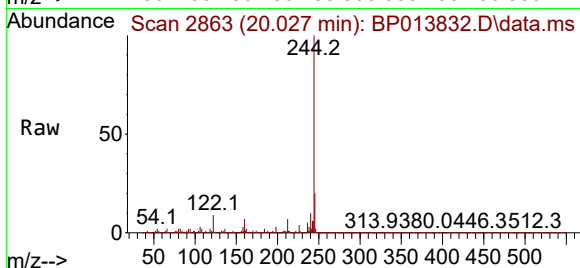
Tgt Ion:244 Resp: 3686222

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

122 9.0 6.7 10.1



#80

Butylbenzylphthalate

Concen: 47.735 ng

RT: 20.698 min Scan# 2977

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

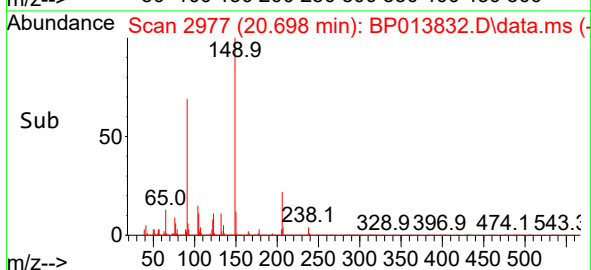
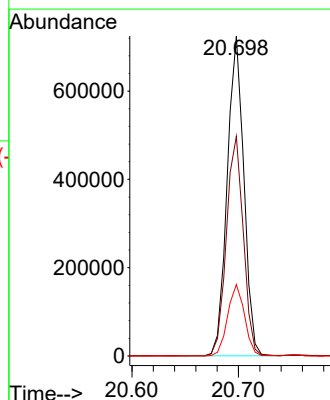
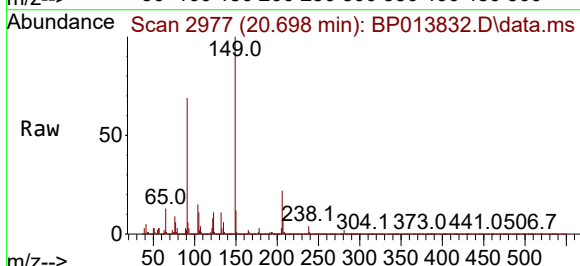
Tgt Ion:149 Resp: 785287

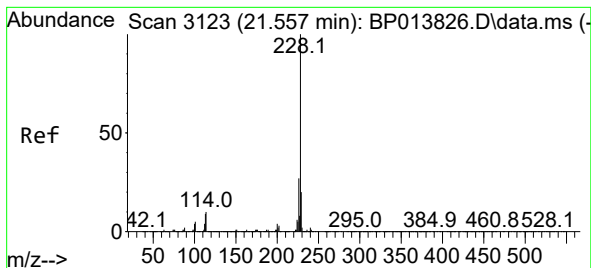
Ion Ratio Lower Upper

149 100

91 68.7 56.8 85.2

206 22.3 18.1 27.1





#81

Benzo(a)anthracene

Concen: 44.126 ng

RT: 21.557 min Scan# 3110

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Instrument :

BNA_P

ClientSampleId :

PB150892BS

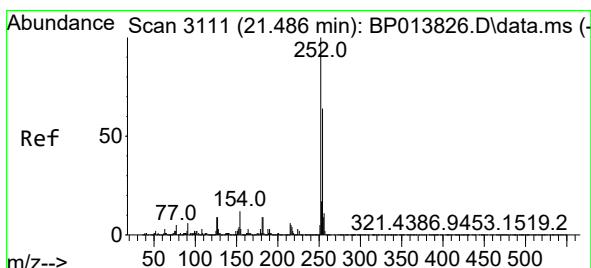
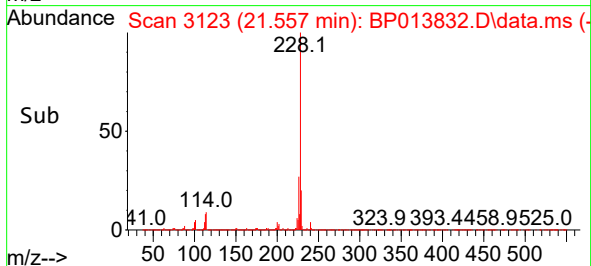
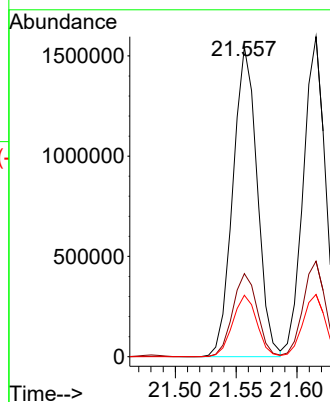
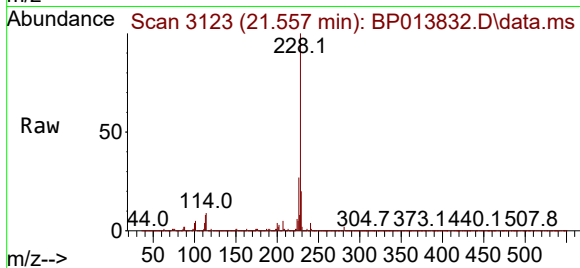
Tgt Ion:228 Resp: 2140221

Ion Ratio Lower Upper

228 100

226 26.8 21.7 32.5

229 19.9 15.8 23.6



#82

3,3'-Dichlorobenzidine

Concen: 40.113 ng

RT: 21.480 min Scan# 3110

Delta R.T. -0.006 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

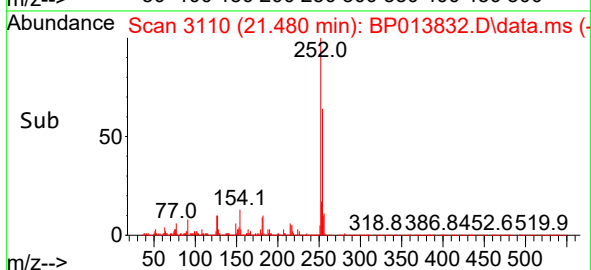
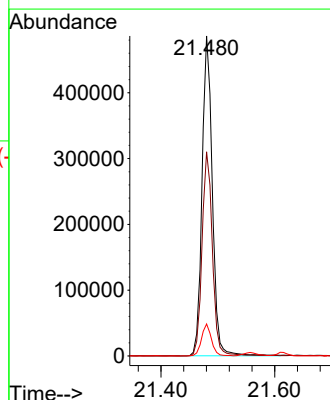
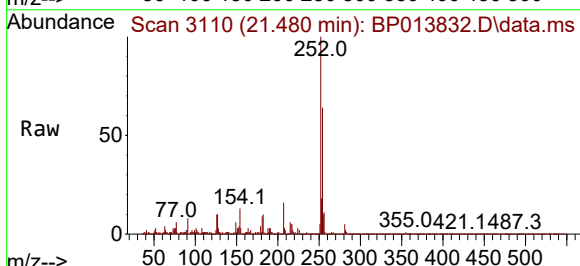
Tgt Ion:252 Resp: 612099

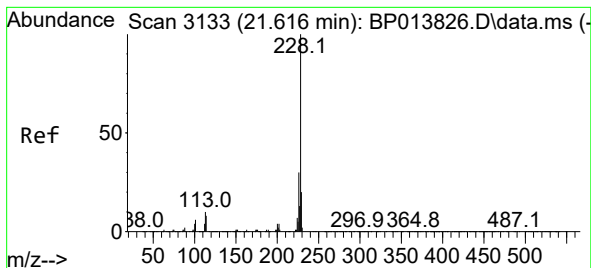
Ion Ratio Lower Upper

252 100

254 63.8 51.4 77.0

126 10.0 7.4 11.0





#83

Chrysene

Concen: 43.511 ng

RT: 21.616 min Scan# 3133

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Instrument :

BNA_P

ClientSampleId :

PB150892BS

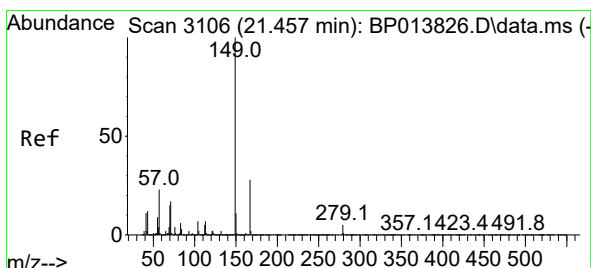
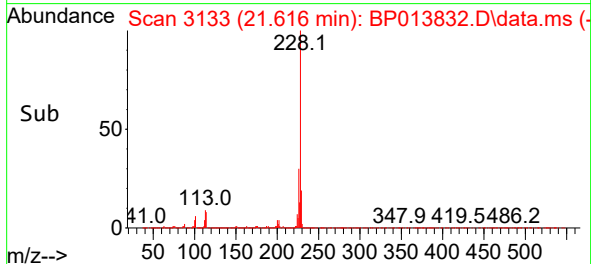
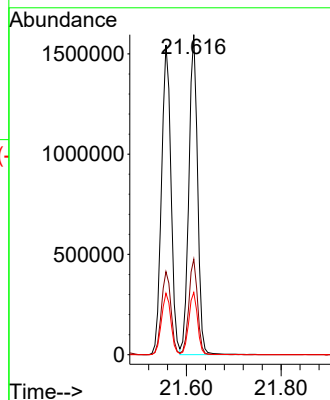
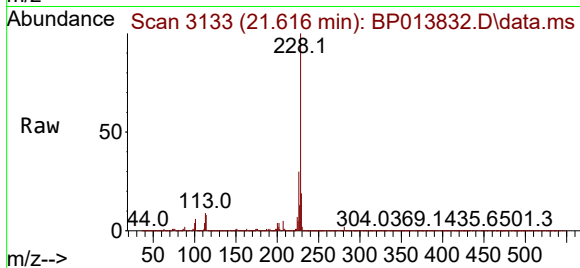
Tgt Ion:228 Resp: 2044432

Ion Ratio Lower Upper

228 100

226 29.9 23.8 35.8

229 19.4 15.8 23.6



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.409 ng

RT: 21.457 min Scan# 3106

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

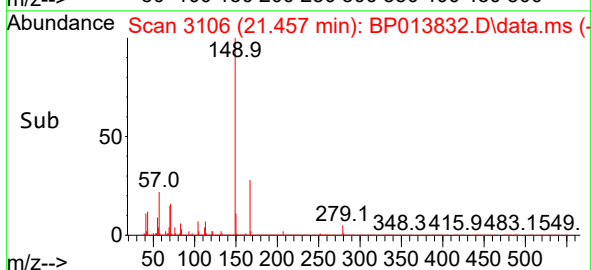
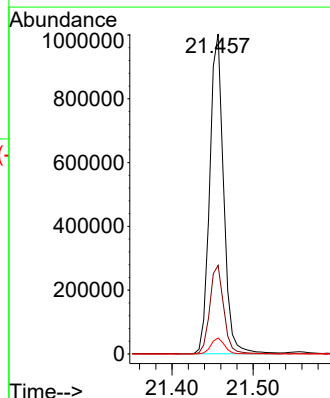
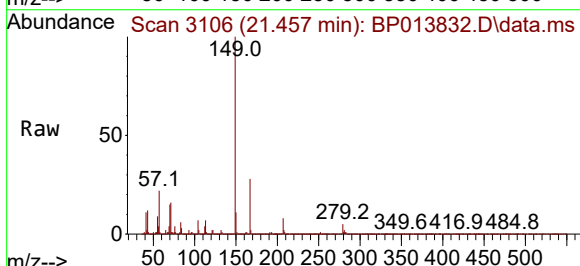
Tgt Ion:149 Resp: 1190315

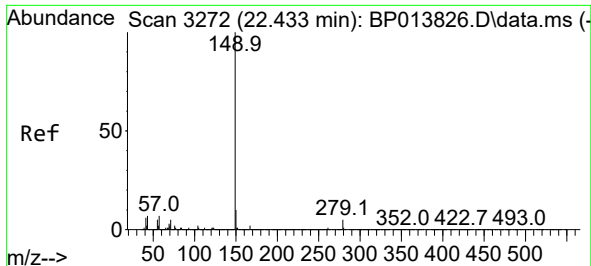
Ion Ratio Lower Upper

149 100

167 27.7 22.1 33.1

279 5.0 3.9 5.9

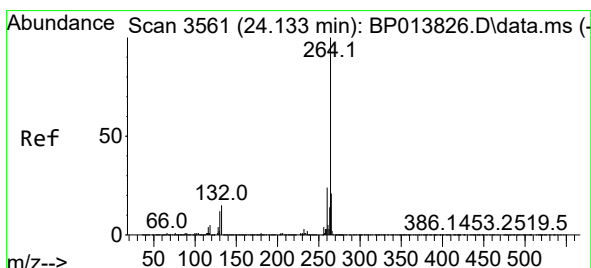
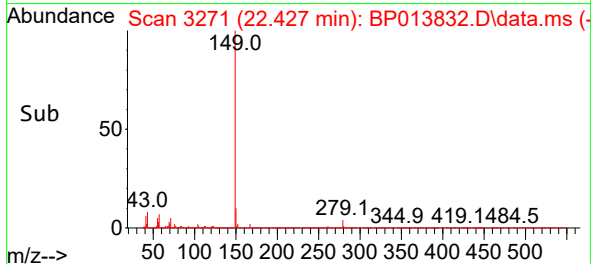
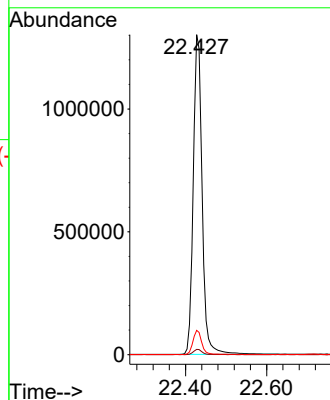
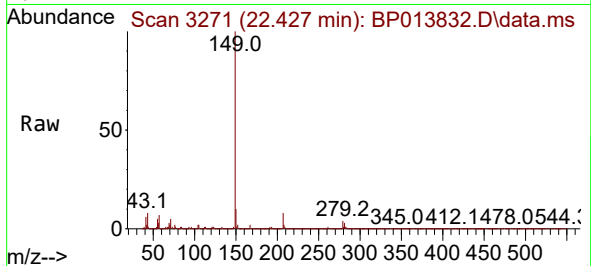




#85
Di-n-octyl phthalate
Concen: 43.287 ng
RT: 22.427 min Scan# 31
Delta R.T. -0.006 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

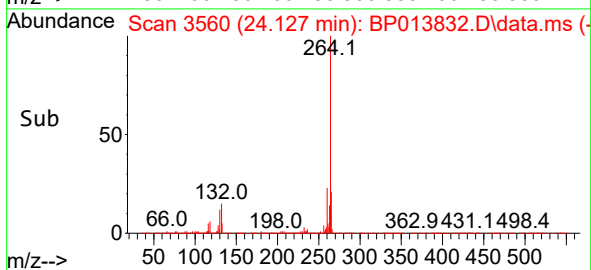
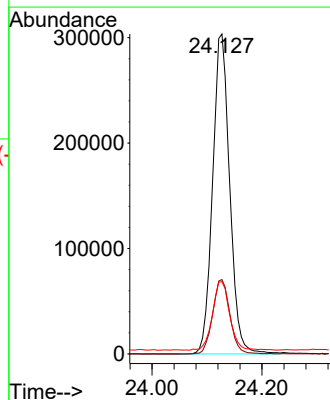
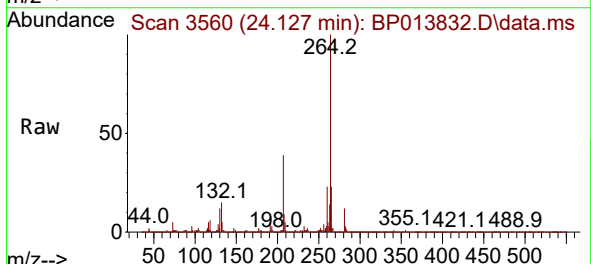
Instrument :
BNA_P
ClientSampleId :
PB150892BS

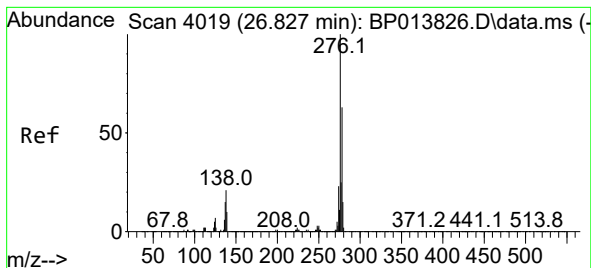
Tgt Ion:149 Resp: 1978349
Ion Ratio Lower Upper
149 100
167 1.6 1.3 1.9
43 7.6 6.1 9.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 24.127 min Scan# 3560
Delta R.T. -0.006 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:264 Resp: 654399
Ion Ratio Lower Upper
264 100
260 23.2 19.4 29.0
265 22.6 17.6 26.4





#87

Indeno(1,2,3-cd)pyrene

Concen: 48.932 ng

RT: 26.821 min Scan# 4019

Delta R.T. -0.006 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Instrument :

BNA_P

ClientSampleId :

PB150892BS

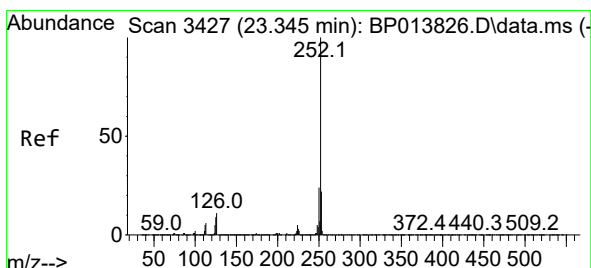
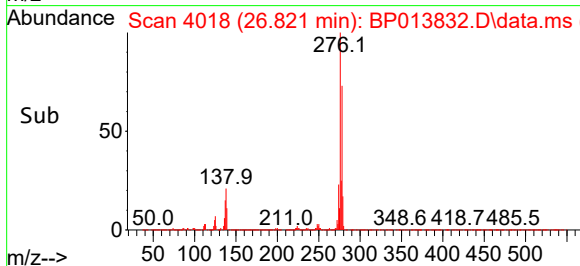
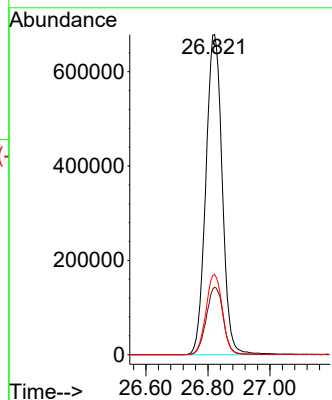
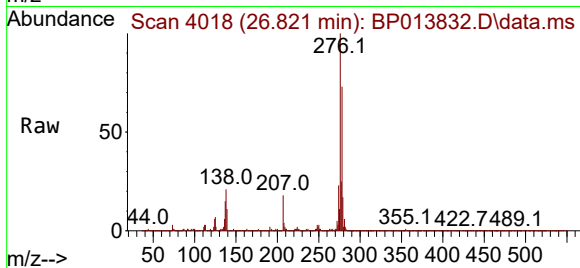
Tgt Ion:276 Resp: 2490971

Ion Ratio Lower Upper

276 100

138 21.7 17.8 26.8

277 25.2 20.2 30.2



#88

Benzo(b)fluoranthene

Concen: 51.455 ng

RT: 23.345 min Scan# 3427

Delta R.T. 0.000 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

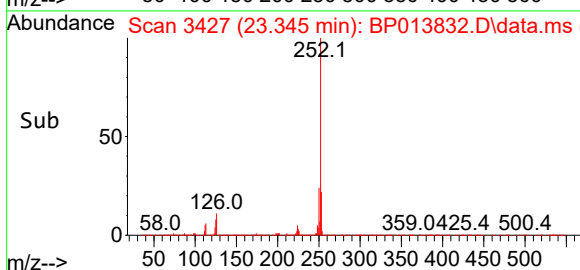
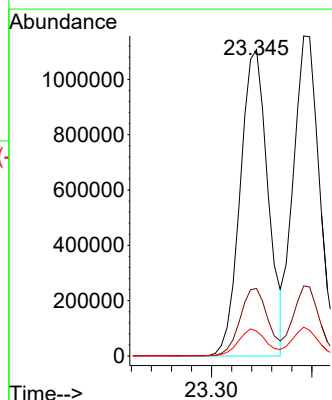
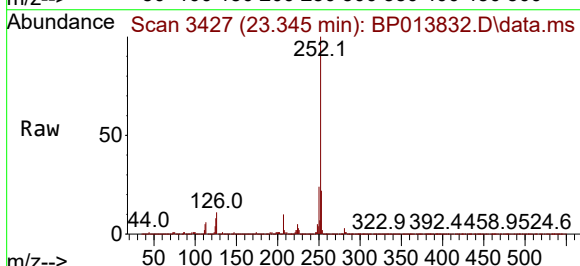
Tgt Ion:252 Resp: 2129605

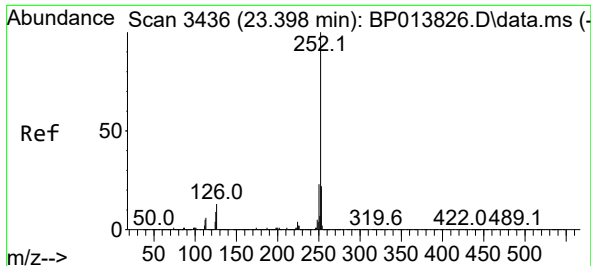
Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 8.1 7.1 10.7

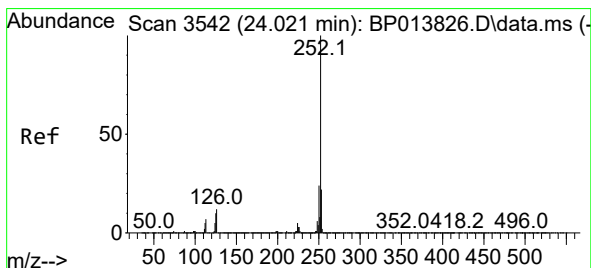
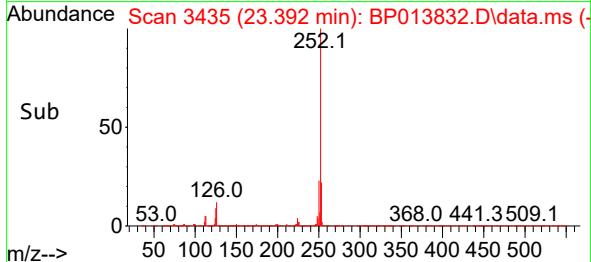
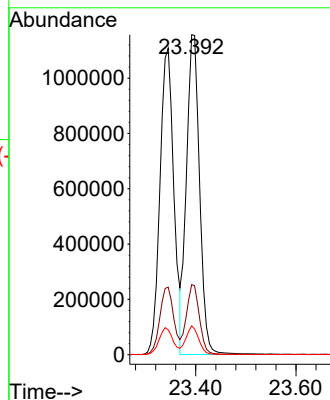
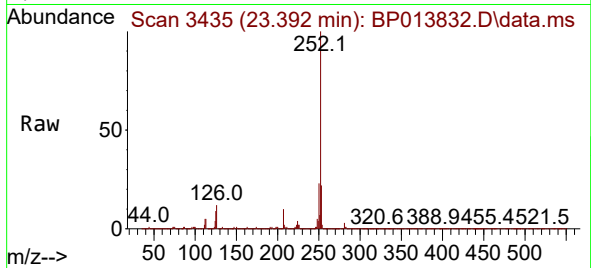




#89
Benzo(k)fluoranthene
Concen: 50.025 ng
RT: 23.392 min Scan# 3436
Delta R.T. -0.006 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

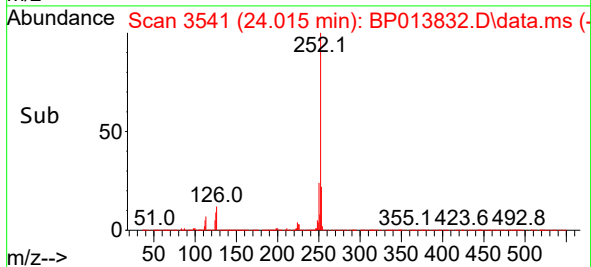
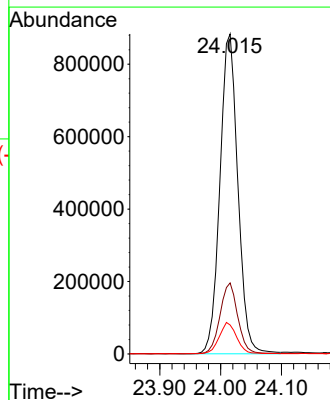
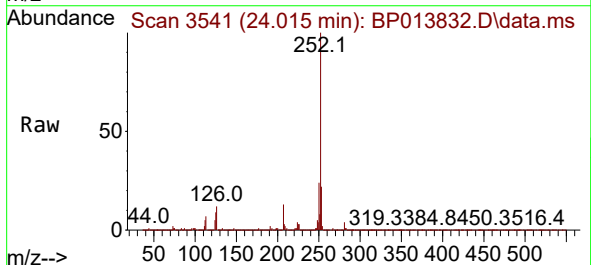
Instrument :
BNA_P
ClientSampleId :
PB150892BS

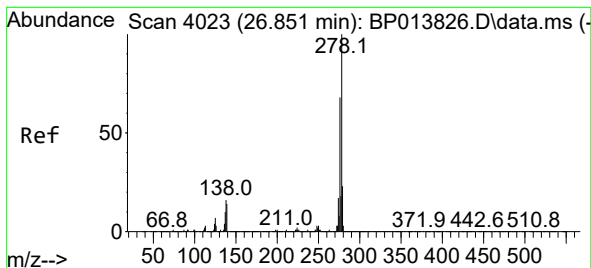
Tgt Ion:252 Resp: 2101627
Ion Ratio Lower Upper
252 100
253 21.9 17.5 26.3
125 9.0 7.0 10.4



#90
Benzo(a)pyrene
Concen: 45.117 ng
RT: 24.015 min Scan# 3541
Delta R.T. -0.006 min
Lab File: BP013832.D
Acq: 16 Feb 2023 17:34

Tgt Ion:252 Resp: 1805229
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.0
125 9.0 7.7 11.5





#91

Dibenzo(a,h)anthracene

Concen: 49.313 ng

RT: 26.839 min Scan# 4023

Delta R.T. -0.012 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Instrument :

BNA_P

ClientSampleId :

PB150892BS

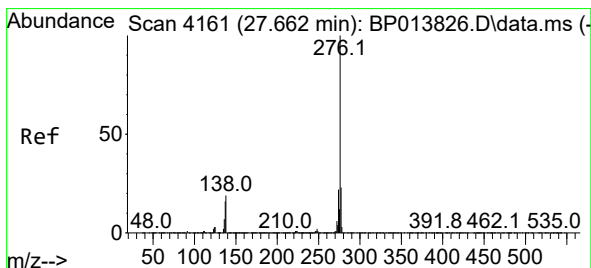
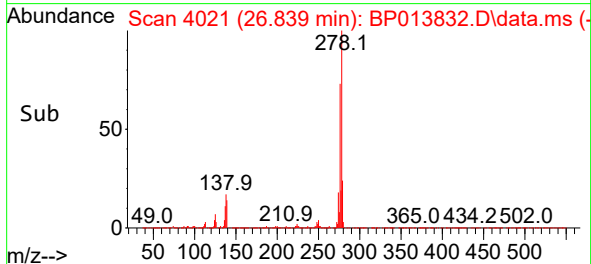
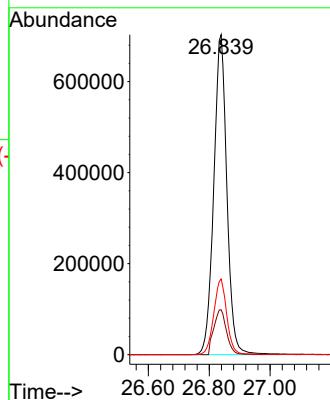
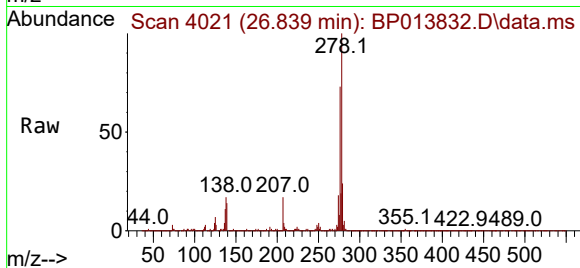
Tgt Ion:278 Resp: 2103280

Ion Ratio Lower Upper

278 100

139 14.1 11.0 16.6

279 23.6 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 49.379 ng

RT: 27.645 min Scan# 4158

Delta R.T. -0.018 min

Lab File: BP013832.D

Acq: 16 Feb 2023 17:34

Tgt Ion:276 Resp: 2082550

Ion Ratio Lower Upper

276 100

277 23.4 18.7 28.1

138 19.0 15.5 23.3

