

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP020223\
 Data File : BP013722.D
 Acq On : 02 Feb 2023 22:20
 Operator : CG/JU
 Sample : 01314-22MSD
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :

Quant Time: Feb 02 23:47:54 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP020123.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Feb 02 00:55:26 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.134	152	287300	20.000	ng/u1	0.00
20) Naphthalene-d8	10.963	136	1227714	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.769	164	894276	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.527	188	2140938	20.000	ng/u1	0.00
79) Chrysene-d12	21.604	240	2147982	20.000	ng/u1	0.00
88) Perylene-d12	24.180	264	2255688	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.475	96	31469	4.644	ng/uL	0.00
4) Pyridine-d5	3.916	84	169545	8.720	ng/u1	0.00
7) Phenol-d5	7.281	99	134532	5.328	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.451	67	444103	29.988	ng/u1	0.00
11) 2-Chlorophenol-d4	7.657	132	398743	21.542	ng/u1	0.00
15) 4-Methylphenol-d8	8.839	113	263316	13.081	ng/u1	0.00
21) Nitrobenzene-d5	9.310	128	267424	34.145	ng/u1	0.00
24) 2-Nitrophenol-d4	10.034	143	296574	32.493	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.575	165	593879	27.824	ng/u1	0.00
31) 4-Chloroaniline-d4	11.092	131	670981	23.802	ng/u1	0.00
46) Dimethylphthalate-d6	14.174	166	2357959	33.450	ng/u1	0.00
49) Acenaphthylene-d8	14.469	160	2503244	32.141	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	68002	5.723	ng/u1	0.00
60) Fluorene-d10	15.763	176	2081854	34.263	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.874	200	409820	34.158	ng/u1	0.00
73) Anthracene-d10	17.627	188	3421634	34.286	ng/u1	0.00
81) Pyrene-d10	19.845	212	4323320	36.087	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.015	264	4153233	36.068	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.516	88	26800	3.795	ng/uL	98
5) Pyridine	3.934	79	186882	9.546	ng/u1	99
6) Benzaldehyde	7.263	77	493227	48.717	ng/u1	98
8) Phenol	7.304	94	154476	5.978	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.545	93	640123	30.827	ng/u1	98
12) 2-Chlorophenol	7.692	128	425904	22.712	ng/u1	99
13) 2-Methylphenol	8.575	108	322103	16.326	ng/u1	97
14) 2,2'-oxybis(1-Chloropr...	8.669	45	746323	30.356	ng/u1	98
16) Acetophenone	8.963	105	1001480	31.914	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.945	70	510958	32.504	ng/u1	99
18) 4-Methylphenol	8.904	108	308872	14.415	ng/u1	96
19) Hexachloroethane	9.228	117	216259	29.462	ng/u1	98
22) Nitrobenzene	9.351	77	1099454	51.975	ng/u1	98
23) Isophorone	9.881	82	1548276	31.970	ng/u1	100
25) 2-Nitrophenol	10.069	139	333112	32.985	ng/u1	96
26) 2,4-Dimethylphenol	10.116	107	549685	24.090	ng/u1	99
27) Bis(2-Chloroethoxy)met...	10.357	93	932523	31.772	ng/u1	99
29) 2,4-Dichlorophenol	10.604	162	593624	28.738	ng/u1	100
30) Naphthalene	11.016	128	2023725	31.188	ng/u1	100
32) 4-Chloroaniline	11.122	127	690734	24.347	ng/u1	99
33) Hexachlorobutadiene	11.298	225	450218	30.904	ng/u1	98
34) Caprolactam	11.904	113	22674	3.246	ng/u1	94
35) 4-Chloro-3-methylphenol	12.222	107	581175	26.268	ng/u1	99
36) 2-Methylnaphthalene	12.610	142	1496676	32.404	ng/u1	99

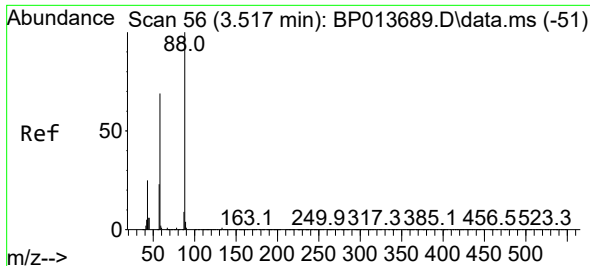
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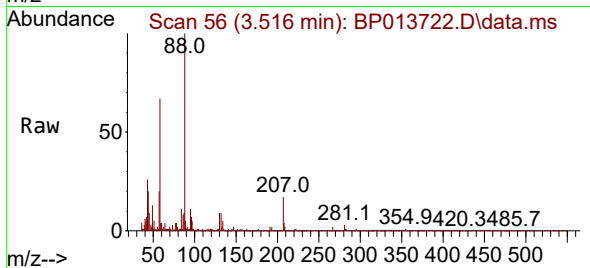
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.828	142	1541714	33.050	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.969	216	974155	32.977	ng/ul	98
40) Hexachlorocyclopentadiene	12.951	237	419371	25.250	ng/ul	100
41) 2,4,6-Trichlorophenol	13.204	196	636345	32.518	ng/ul	99
42) 2,4,5-Trichlorophenol	13.275	196	694356	32.559	ng/ul	99
43) 1,1'-Biphenyl	13.604	154	2191009	32.359	ng/ul	99
44) 2-Chloronaphthalene	13.651	162	1738828	32.460	ng/ul	99
45) 2-Nitroaniline	13.851	65	425228	41.702	ng/ul	96
47) Dimethylphthalate	14.222	163	2405970	34.644	ng/ul	99
48) 2,6-Dinitrotoluene	14.345	165	454181	45.890	ng/ul	95
50) Acenaphthylene	14.498	152	2698147	32.854	ng/ul	99
51) 3-Nitroaniline	14.674	138	394889	37.748	ng/ul	98
52) Acenaphthene	14.833	153	1901657	33.695	ng/ul	99
53) 2,4-Dinitrophenol	14.874	184	227252	29.563	ng/ul	97
55) 4-Nitrophenol	14.969	109	54701	6.039	ng/ul	97
56) Dibenzofuran	15.169	168	2817431	34.368	ng/ul	98
57) 2,4-Dinitrotoluene	15.127	165	673680	43.338	ng/ul	97
58) 2,3,4,6-Tetrachlorophenol	15.392	232	689981	34.425	ng/ul	97
59) Diethylphthalate	15.580	149	2385848	35.785	ng/ul	99
61) Fluorene	15.821	166	2338556	35.053	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.804	204	1296648	35.674	ng/ul	99
63) 4-Nitroaniline	15.839	138	473368	48.326	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.892	198	424784	35.576	ng/ul	97
67) N-Nitrosodiphenylamine	16.021	169	2007675	34.743	ng/ul	99
68) 4-Bromophenyl-phenylether	16.704	248	889101	36.501	ng/ul	98
69) Hexachlorobenzene	16.827	284	1036690	36.278	ng/ul	98
70) Atrazine	16.974	200	854669	36.748	ng/ul	100
71) Pentachlorophenol	17.168	266	618856	33.929	ng/ul	99
72) Phenanthrene	17.568	178	4052256	35.832	ng/ul	100
74) Anthracene	17.663	178	4032778	35.208	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.575	216	999281	32.762	ng/ul	99
76) Pentachlorobenzene	15.086	250	1097726	35.106	ng/ul	99
77) Carbazole	17.921	167	3650209	36.733	ng/ul	99
78) Di-n-butylphthalate	18.457	149	4222412	35.963	ng/ul	100
80) Fluoranthene	19.515	202	5178857	37.088	ng/ul	98
82) Pyrene	19.874	202	5321203	37.272	ng/ul	100
83) Butylbenzylphthalate	20.727	149	1774084	43.252	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.509	252	1187747	24.346	ng/ul	98
85) Benzo(a)anthracene	21.586	228	5429945	36.771	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.486	149	2739266	38.952	ng/ul	98
87) Chrysene	21.645	228	5168479	37.176	ng/ul	99
89) Di-n-octyl phthalate	22.468	149	4646684	39.106	ng/ul	100
90) Benzo(b)fluoranthene	23.386	252	5645340	38.338	ng/ul	100
91) Benzo(k)fluoranthene	23.439	252	5284452	37.549	ng/ul	99
93) Benzo(a)pyrene	24.068	252	4702653	36.993	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.903	276	6111281	38.801	ng/ul	99
95) Dibenzo(a,h)anthracene	26.921	278	5135571	39.331	ng/ul	100
96) Benzo(g,h,i)perylene	27.738	276	4917016	39.462	ng/ul	99

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

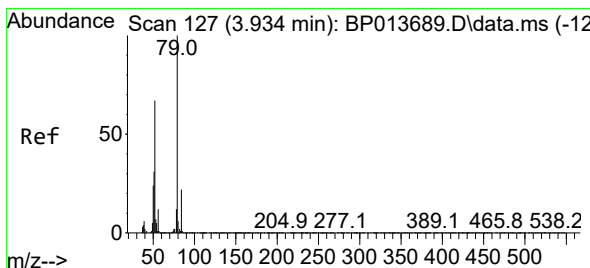
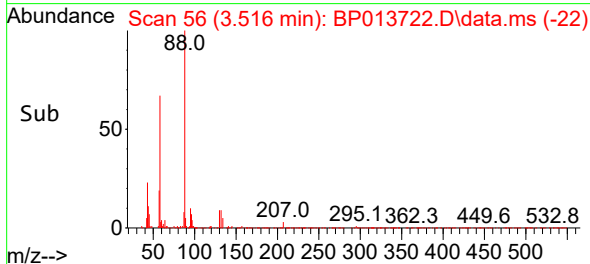
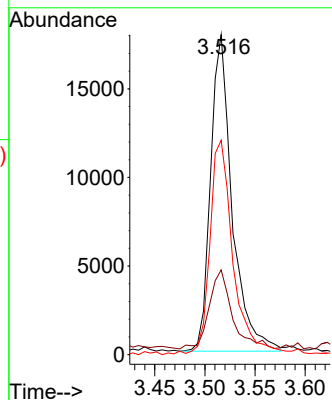


#2
1,4-Dioxane
Concen: 3.795 ng/uL
RT: 3.516 min Scan# 50
Delta R.T. -0.001 min
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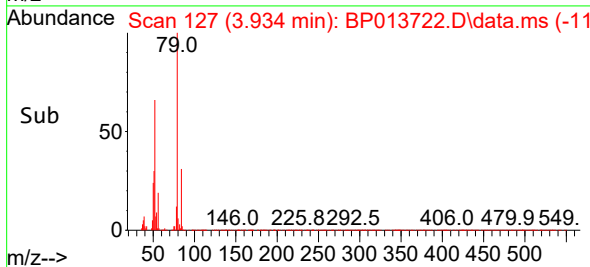
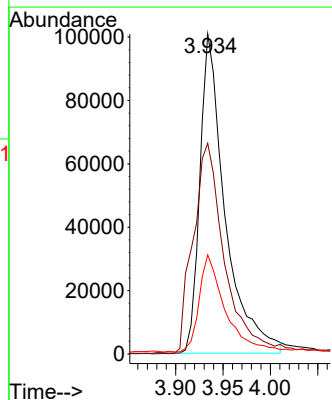
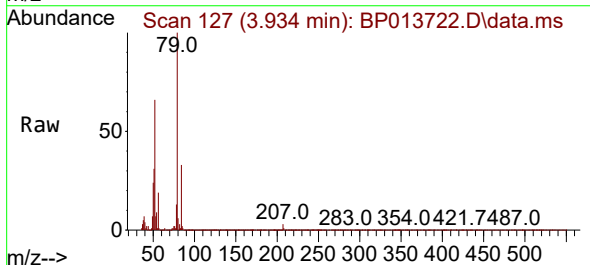


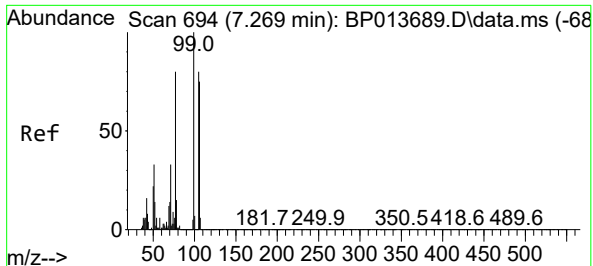
Tgt Ion: 88 Resp: 26800
Ion Ratio Lower Upper
88 100
43 26.5 22.2 33.4
58 67.0 54.9 82.3



#5
Pyridine
Concen: 9.546 ng/uL
RT: 3.934 min Scan# 127
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion: 79 Resp: 186882
Ion Ratio Lower Upper
79 100
52 65.9 53.8 80.6
51 31.0 25.1 37.7

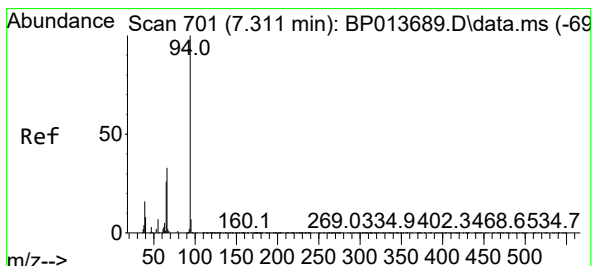
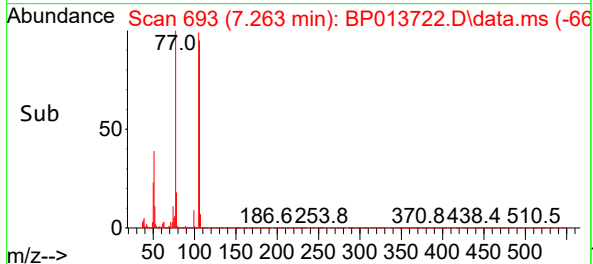
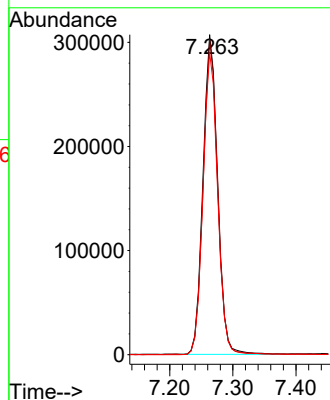
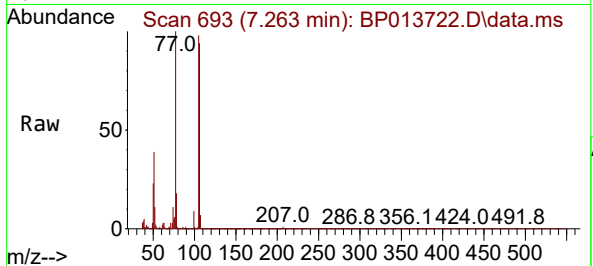




#6
Benzaldehyde
Concen: 48.717 ng/ul
RT: 7.263 min Scan# 694
Delta R.T. -0.006 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

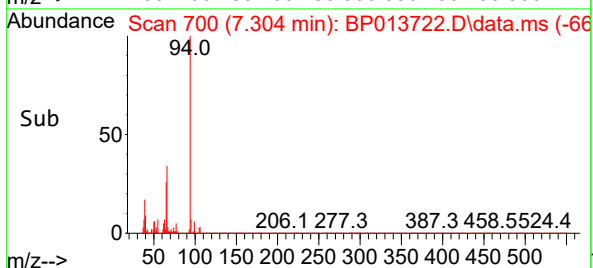
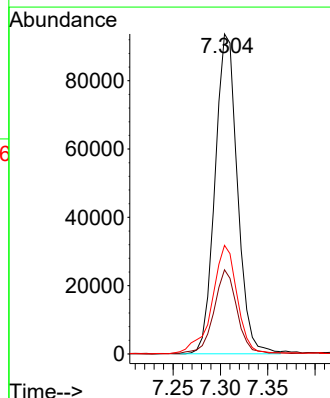
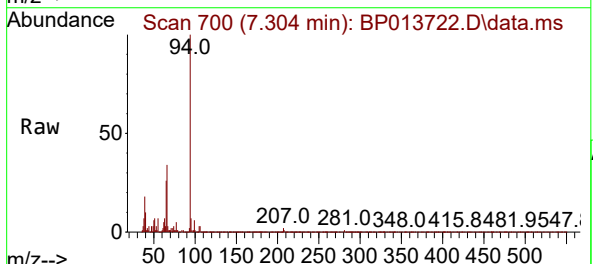
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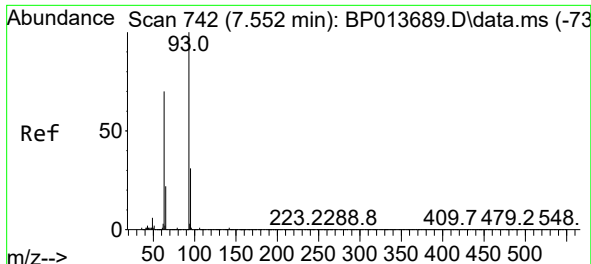
Tgt Ion: 77 Resp: 493227
Ion Ratio Lower Upper
77 100
105 98.4 80.6 121.0
106 94.4 75.0 112.4



#8
Phenol
Concen: 5.978 ng/ul
RT: 7.304 min Scan# 700
Delta R.T. -0.006 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion: 94 Resp: 154476
Ion Ratio Lower Upper
94 100
65 26.3 21.0 31.4
66 34.0 27.4 41.2

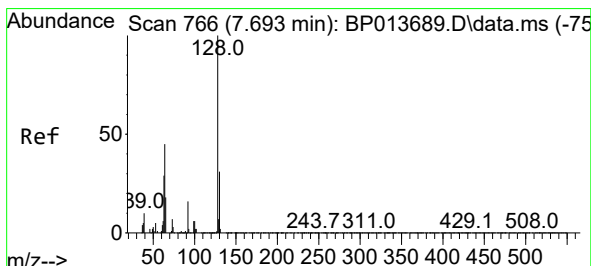
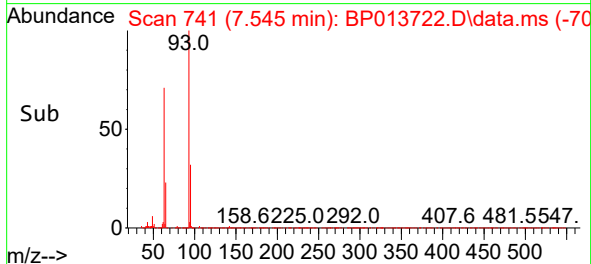
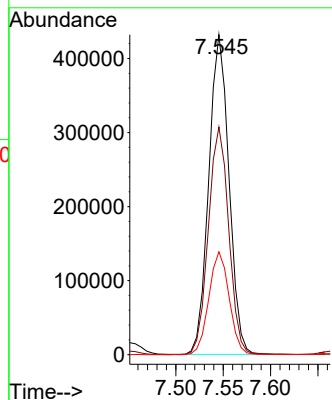
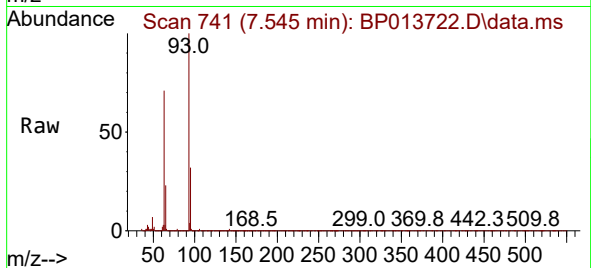




#10
Bis(2-Chloroethyl)ether
Concen: 30.827 ng/ul
RT: 7.545 min Scan# 741
Delta R.T. -0.006 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

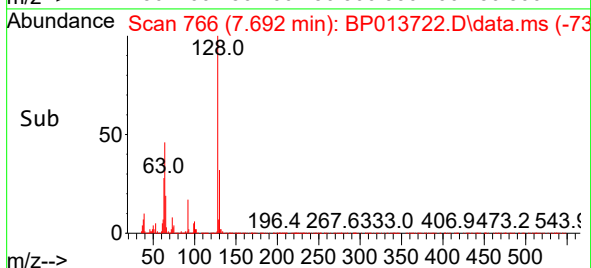
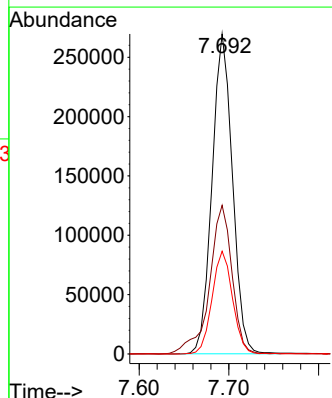
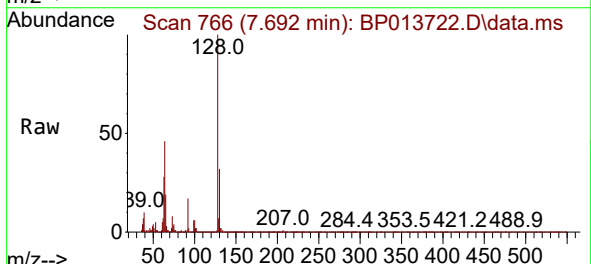
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ClientSampleId :

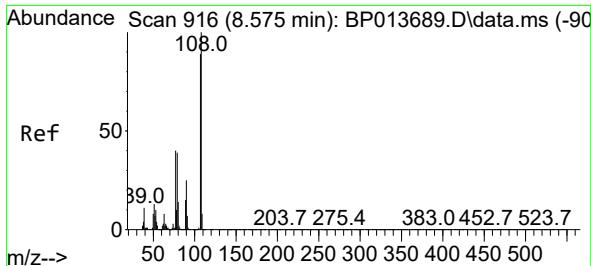
Tgt Ion: 93 Resp: 640123
Ion Ratio Lower Upper
93 100
63 71.2 55.8 83.6
95 32.1 25.1 37.7



#12
2-Chlorophenol
Concen: 22.712 ng/ul
RT: 7.692 min Scan# 766
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:128 Resp: 425904
Ion Ratio Lower Upper
128 100
64 46.4 37.9 56.9
130 32.1 25.2 37.8

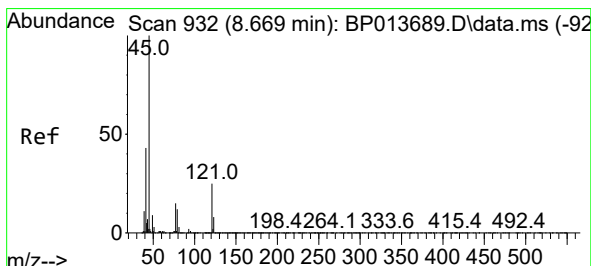
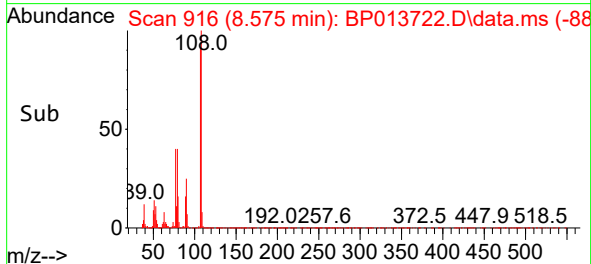
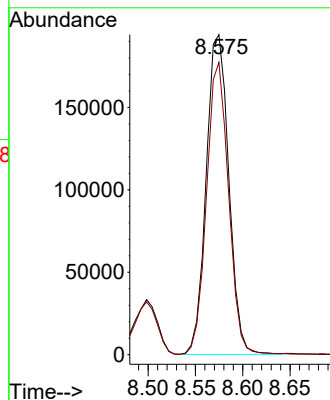
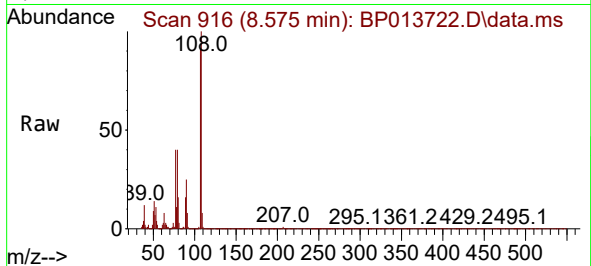




#13
2-Methylphenol
Concen: 16.326 ng/ul
RT: 8.575 min Scan# 916
Delta R.T. -0.000 min
Lab File: BP013722.D
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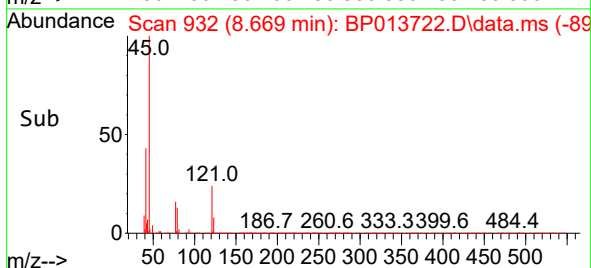
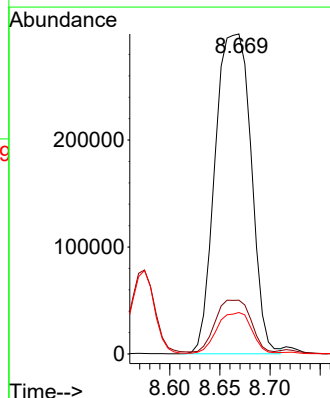
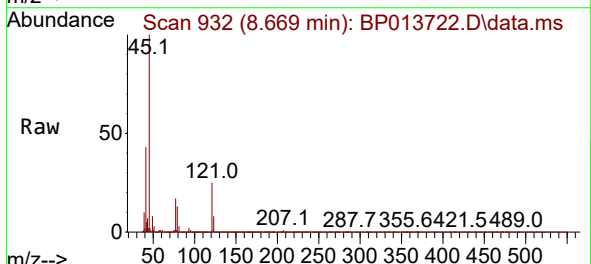
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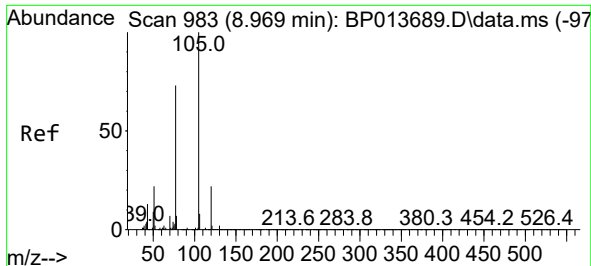
Tgt Ion:108 Resp: 322103
Ion Ratio Lower Upper
108 100
107 91.4 70.9 106.3



#14
2,2'-oxybis(1-Chloropropane)
Concen: 30.356 ng/ul
RT: 8.669 min Scan# 932
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion: 45 Resp: 746323
Ion Ratio Lower Upper
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77 16.8 12.6 19.0
79 13.0 10.0 15.0

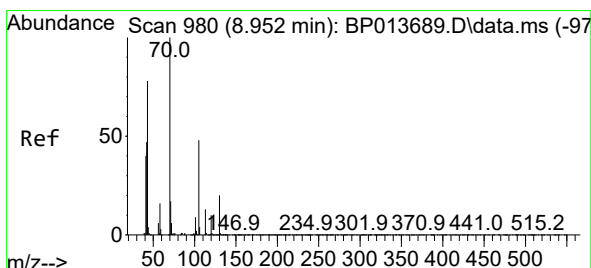
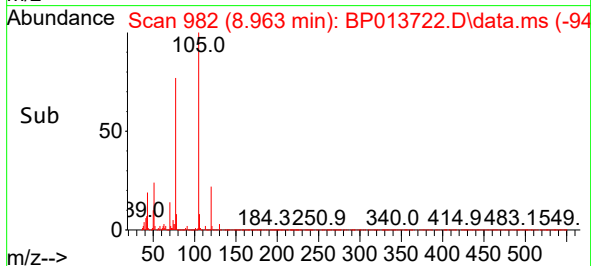
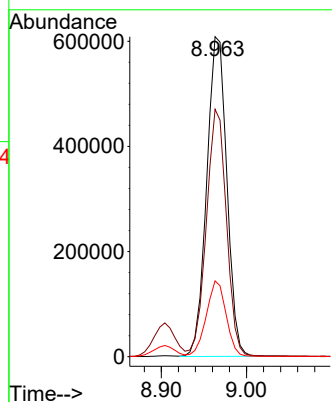
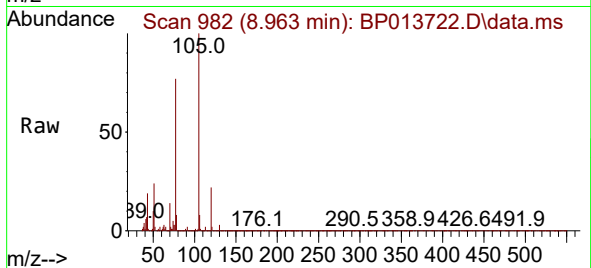




#16
Acetophenone
Concen: 31.914 ng/ul
RT: 8.963 min Scan# 911
Delta R.T. -0.006 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

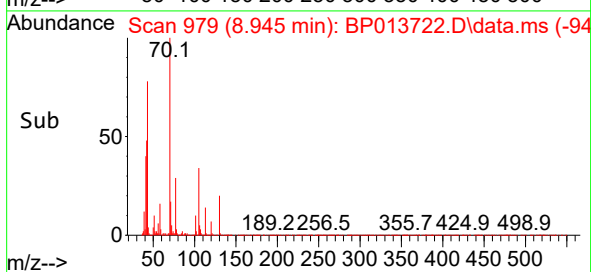
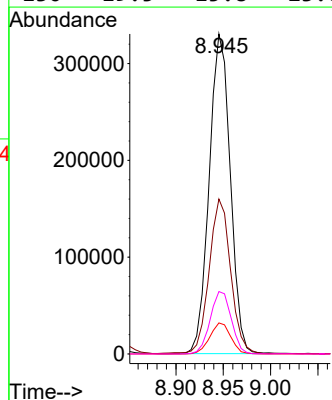
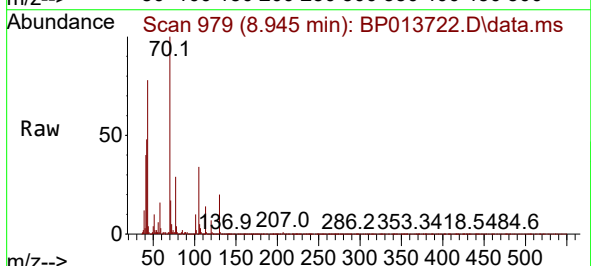
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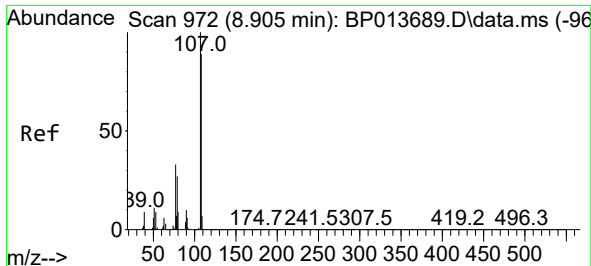
Tgt Ion:105 Resp: 1001480
Ion Ratio Lower Upper
105 100
77 77.3 61.2 91.8
51 23.7 18.5 27.7



#17
N-Nitroso-di-n-propylamine
Concen: 32.504 ng/ul
RT: 8.945 min Scan# 979
Delta R.T. -0.006 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion: 70 Resp: 510958
Ion Ratio Lower Upper
70 100
42 48.4 38.2 57.4
101 9.7 7.4 11.2
130 19.5 15.8 23.6

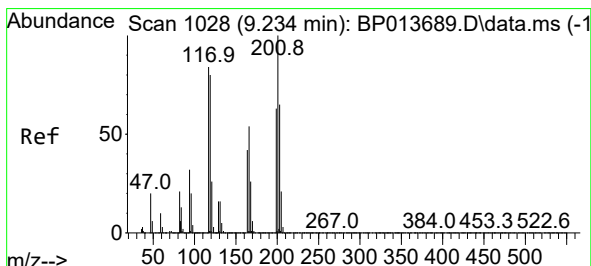
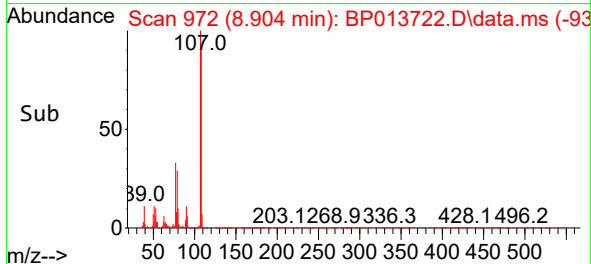
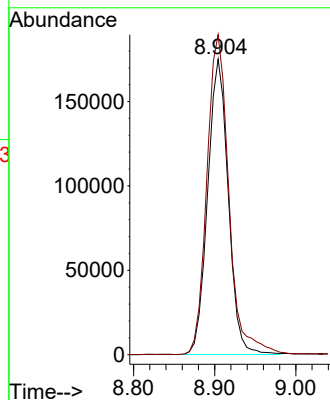
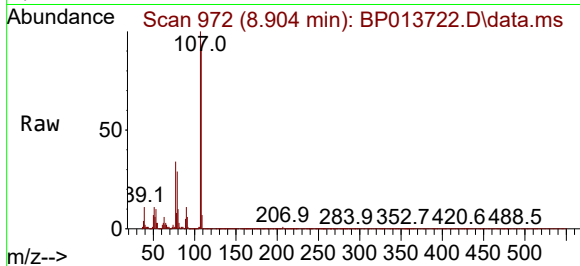




#18
4-Methylphenol
Concen: 14.415 ng/ul
RT: 8.904 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

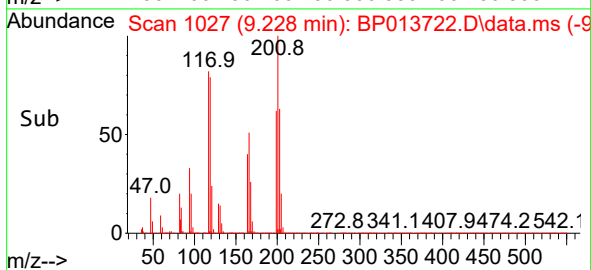
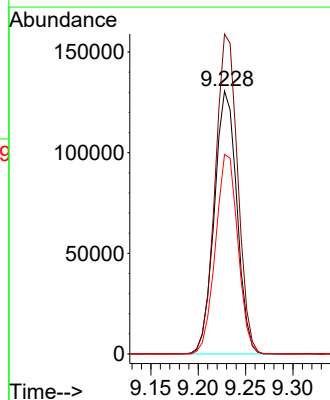
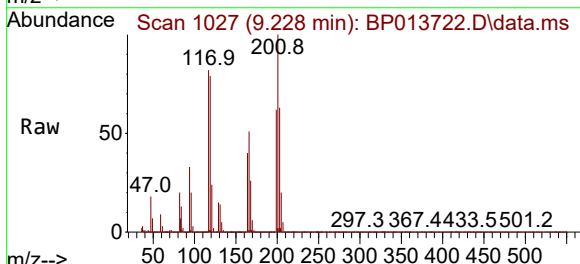
Instrument :
BNA_P
ClientSampleId :

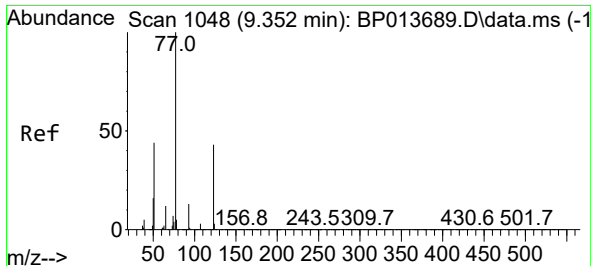
Tgt Ion:108 Resp: 308872
Ion Ratio Lower Upper
108 100
107 108.3 89.9 134.9



#19
Hexachloroethane
Concen: 29.462 ng/ul
RT: 9.228 min Scan# 1027
Delta R.T. -0.006 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:117 Resp: 216259
Ion Ratio Lower Upper
117 100
201 121.7 94.8 142.2
199 76.0 60.1 90.1

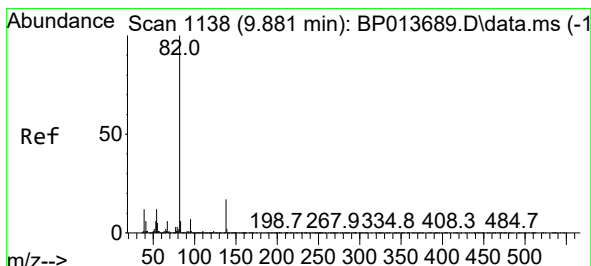
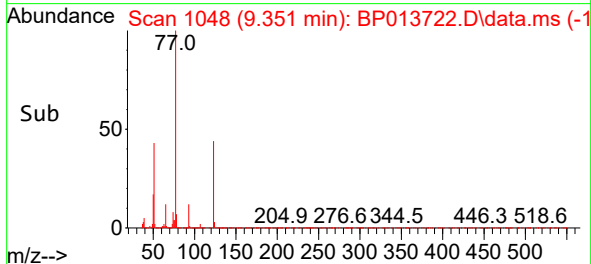
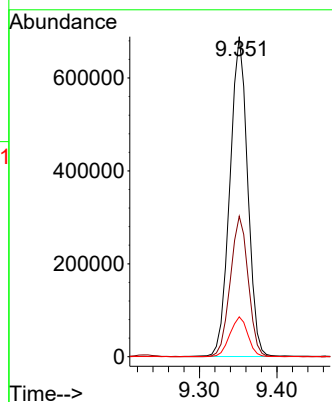
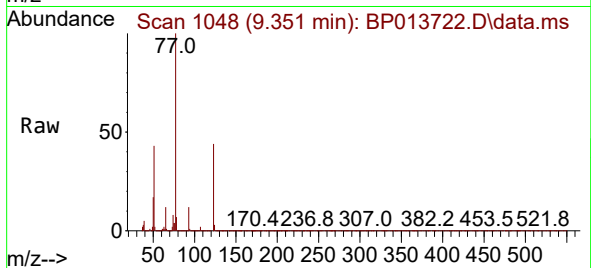




#22
Nitrobenzene
Concen: 51.975 ng/ul
RT: 9.351 min Scan# 1048
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

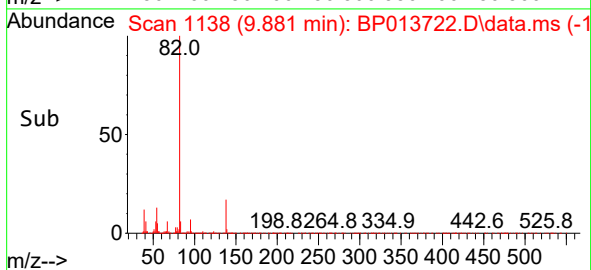
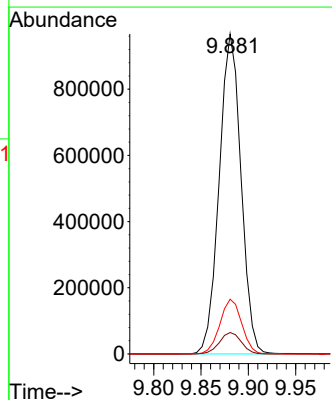
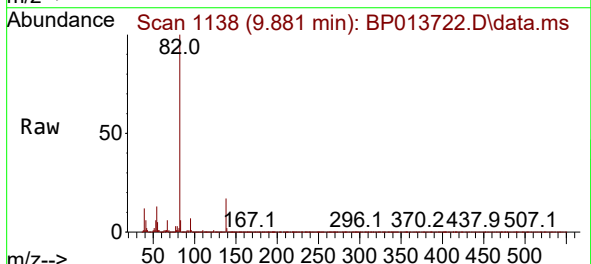
Instrument :
BNA_P
ClientSampleId :

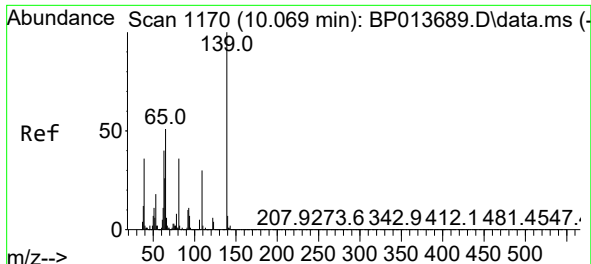
Tgt Ion: 77 Resp: 1099454
Ion Ratio Lower Upper
77 100
123 43.9 34.1 51.1
65 12.5 9.8 14.8



#23
Isophorone
Concen: 31.970 ng/ul
RT: 9.881 min Scan# 1138
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion: 82 Resp: 1548276
Ion Ratio Lower Upper
82 100
95 6.7 5.4 8.0
138 17.1 13.6 20.4

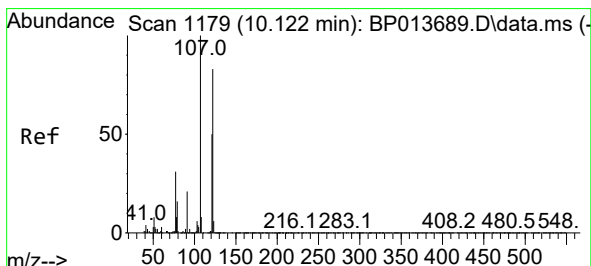
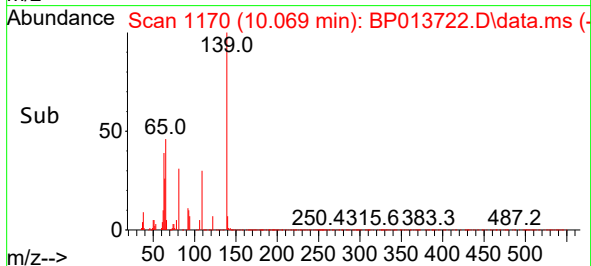
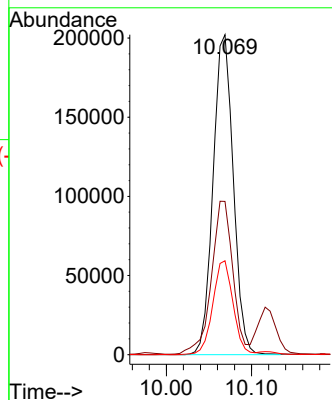
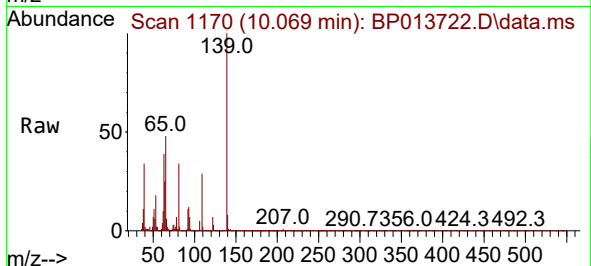




#25
2-Nitrophenol
Concen: 32.985 ng/ul
RT: 10.069 min Scan# 1170
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

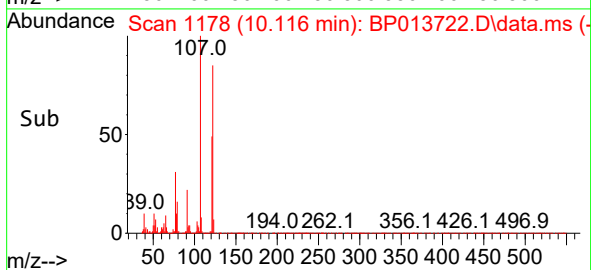
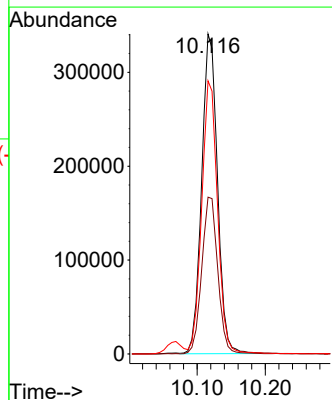
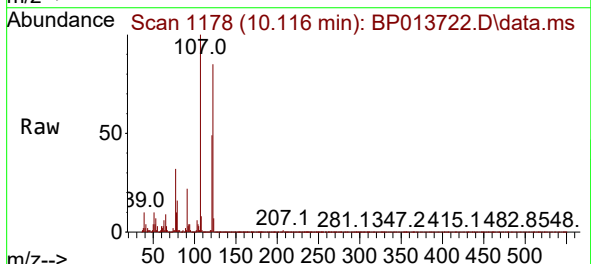
Instrument :
BNA_P
ClientSampleId :

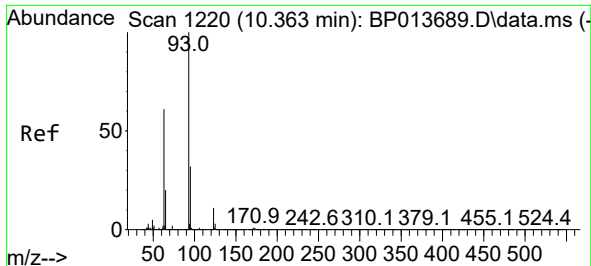
Tgt Ion:139 Resp: 333112
Ion Ratio Lower Upper
139 100
65 47.9 40.9 61.3
109 29.4 24.3 36.5



#26
2,4-Dimethylphenol
Concen: 24.090 ng/ul
RT: 10.116 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:107 Resp: 549685
Ion Ratio Lower Upper
107 100
121 49.0 39.8 59.8
122 85.4 67.6 101.4





#27

Bis(2-Chloroethoxy)methane

Concen: 31.772 ng/ul

RT: 10.357 min Scan# 1219

Delta R.T. -0.006 min

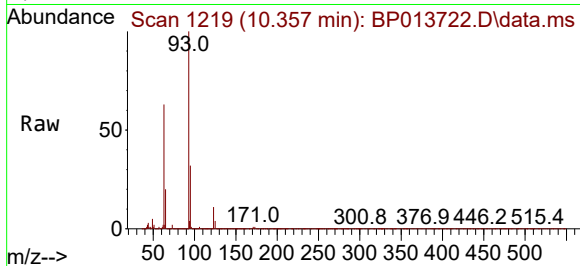
Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :



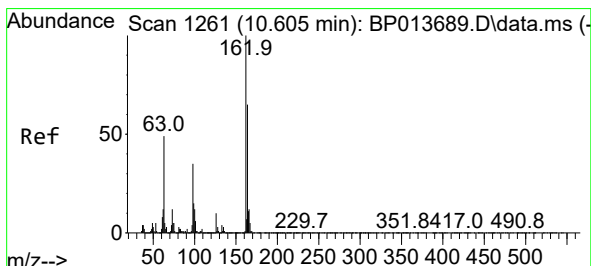
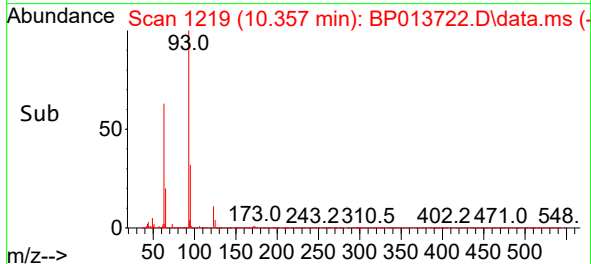
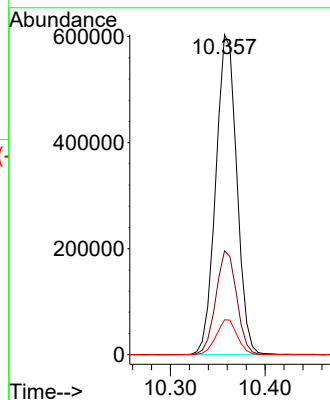
Tgt Ion: 93 Resp: 932523

Ion Ratio Lower Upper

93 100

95 32.4 25.3 37.9

123 10.9 8.6 12.8



#29

2,4-Dichlorophenol

Concen: 28.738 ng/ul

RT: 10.604 min Scan# 1261

Delta R.T. -0.000 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

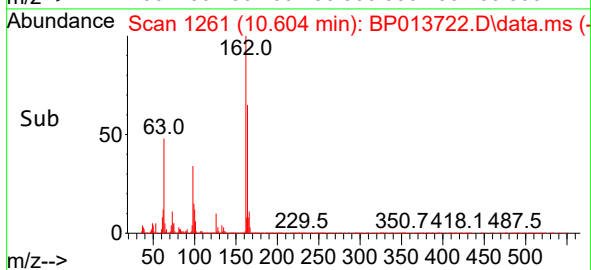
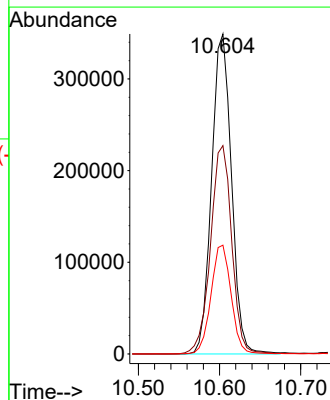
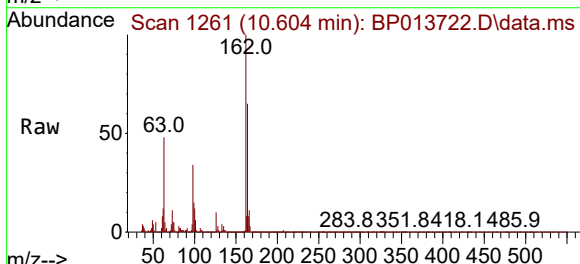
Tgt Ion:162 Resp: 593624

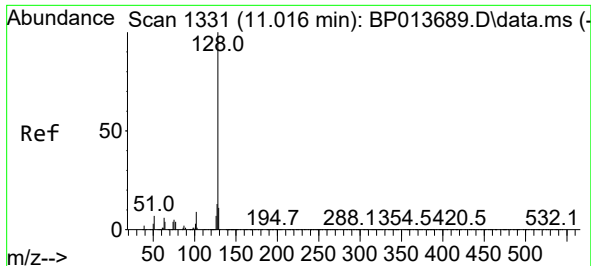
Ion Ratio Lower Upper

162 100

164 65.1 52.1 78.1

98 34.0 27.7 41.5

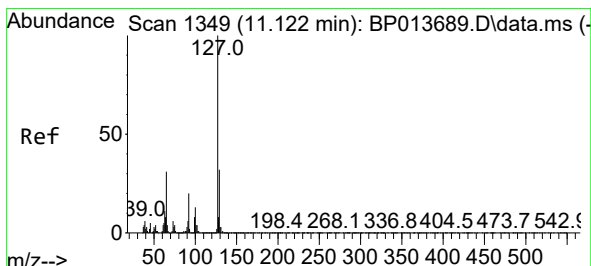
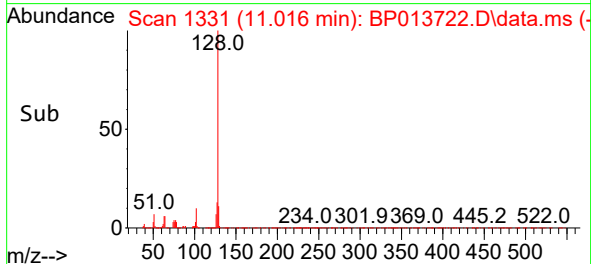
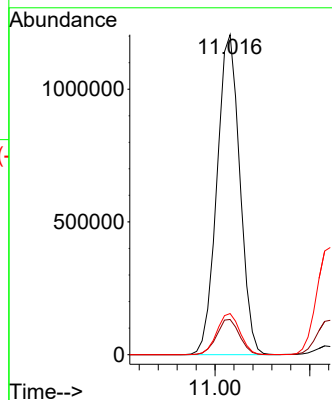
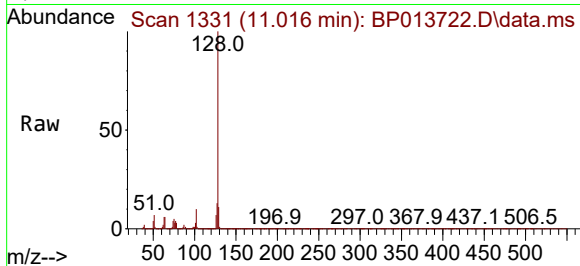




#30
Naphthalene
Concen: 31.188 ng/ul
RT: 11.016 min Scan# 1331
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

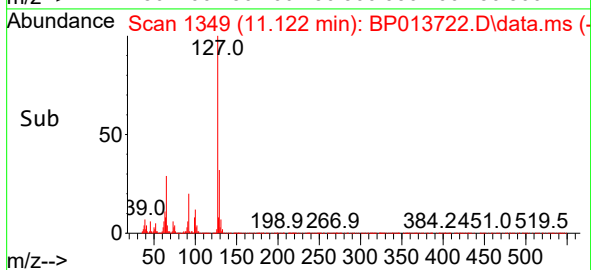
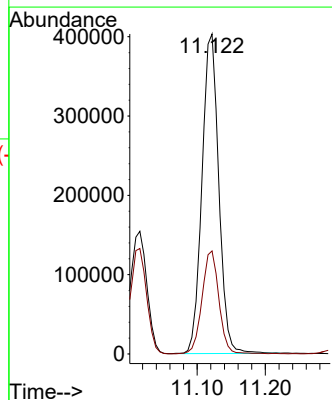
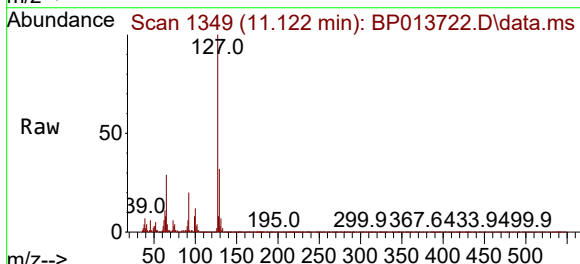
Instrument :
BNA_P
ClientSampleId :

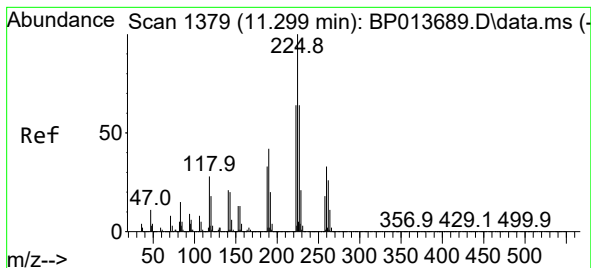
Tgt Ion:128 Resp: 2023725
Ion Ratio Lower Upper
128 100
129 11.0 9.0 13.6
127 12.8 10.2 15.4



#32
4-Chloroaniline
Concen: 24.347 ng/ul
RT: 11.122 min Scan# 1349
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:127 Resp: 690734
Ion Ratio Lower Upper
127 100
129 32.2 26.1 39.1





#33

Hexachlorobutadiene

Concen: 30.904 ng/ul

RT: 11.298 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

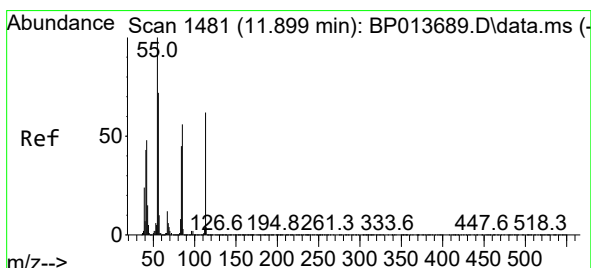
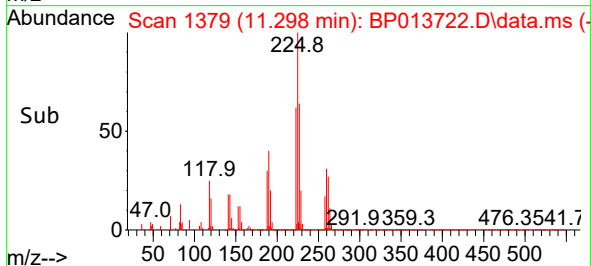
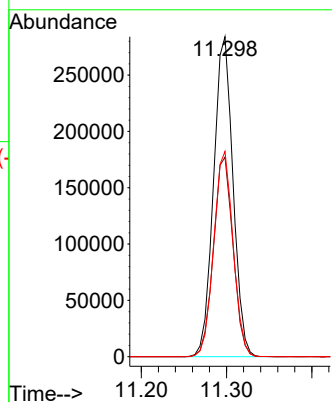
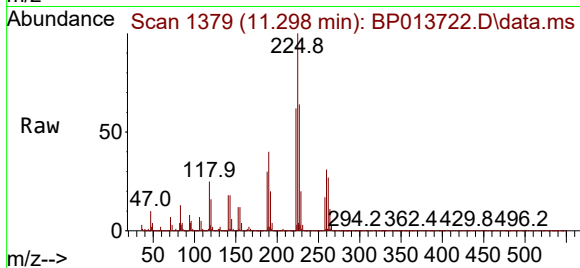
Tgt Ion:225 Resp: 450218

Ion Ratio Lower Upper

225 100

223 62.3 51.4 77.2

227 64.1 50.9 76.3



#34

Caprolactam

Concen: 3.246 ng/ul

RT: 11.904 min Scan# 1482

Delta R.T. 0.005 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

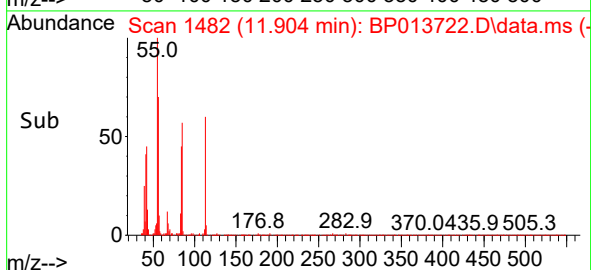
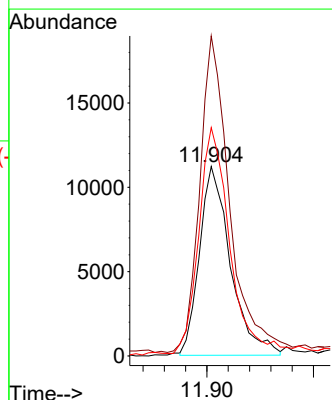
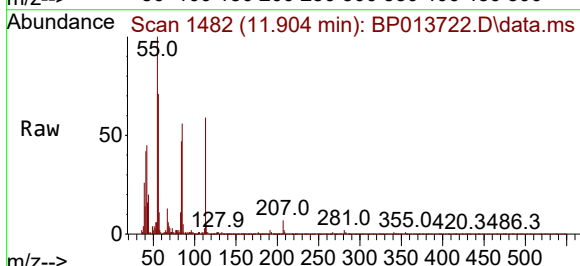
Tgt Ion:113 Resp: 22674

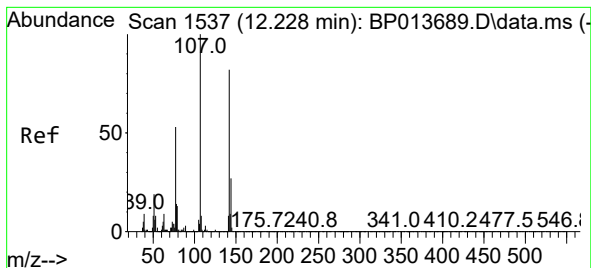
Ion Ratio Lower Upper

113 100

55 168.9 128.4 192.6

56 120.5 92.2 138.2

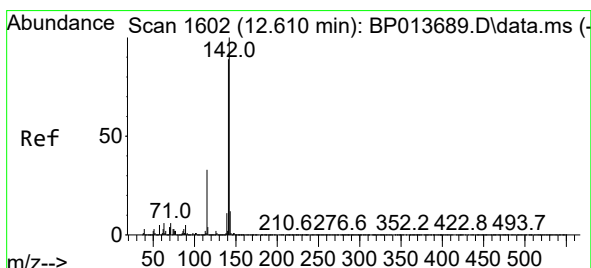
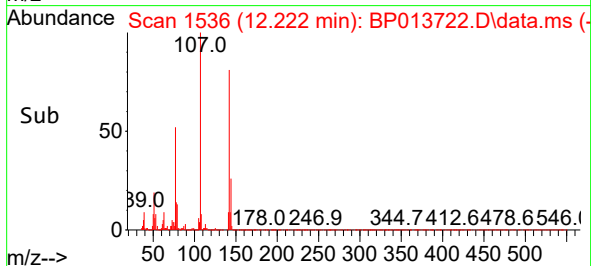
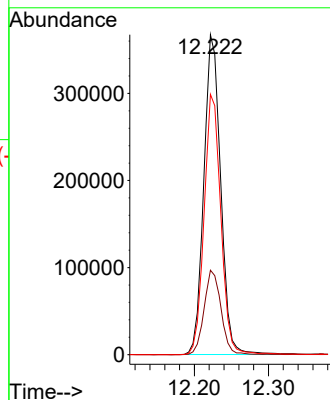
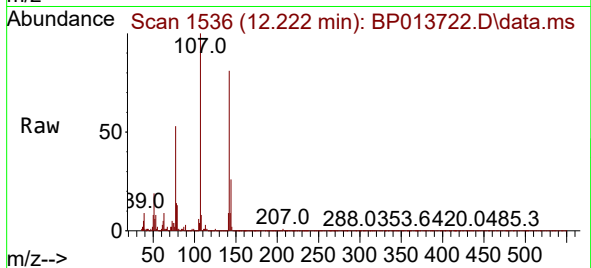




#35
4-Chloro-3-methylphenol
Concen: 26.268 ng/ul
RT: 12.222 min Scan# 1536
Delta R.T. -0.006 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

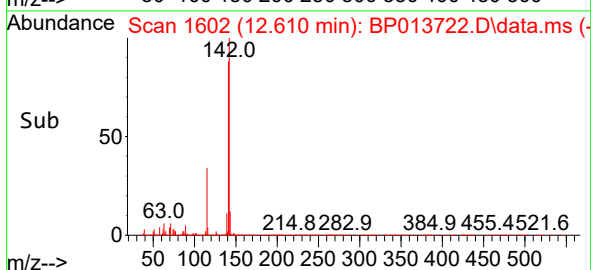
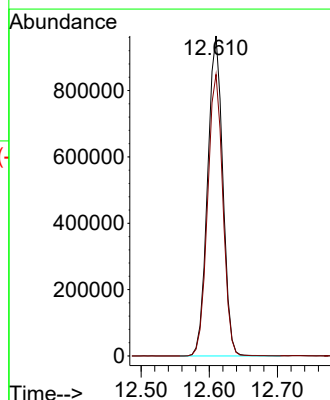
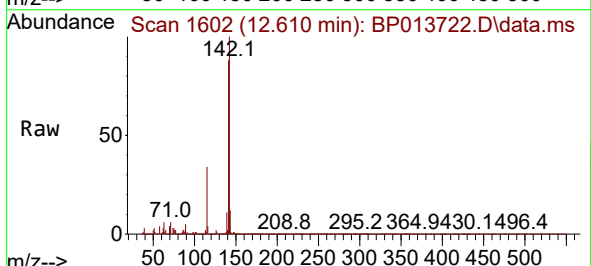
Instrument :
BNA_P
ClientSampleId :

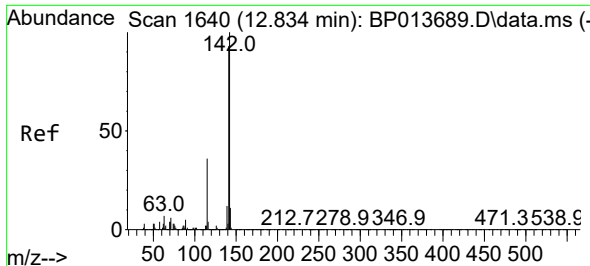
Tgt Ion:107 Resp: 581175
Ion Ratio Lower Upper
107 100
144 26.4 21.4 32.0
142 81.4 65.6 98.4



#36
2-Methylnaphthalene
Concen: 32.404 ng/ul
RT: 12.610 min Scan# 1602
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:142 Resp: 1496676
Ion Ratio Lower Upper
142 100
141 88.0 71.4 107.2





#37

1-Methylnaphthalene

Concen: 33.050 ng/ul

RT: 12.828 min Scan# 1639

Delta R.T. -0.006 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

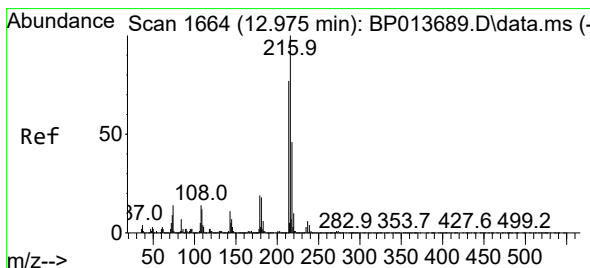
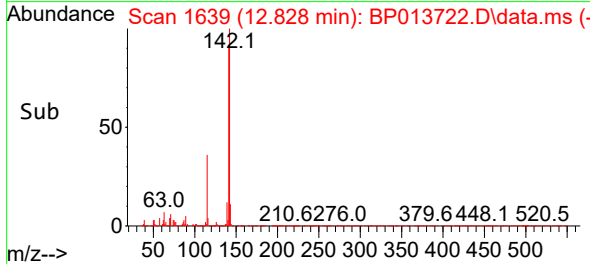
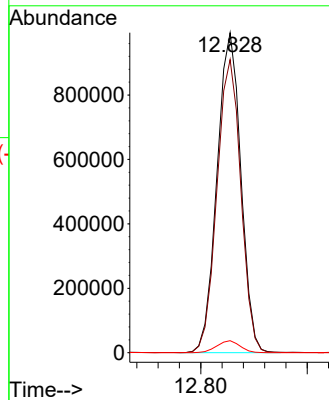
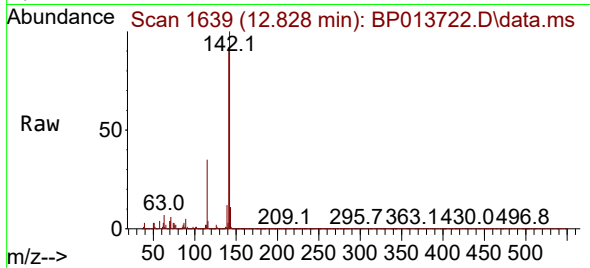
Tgt Ion:142 Resp: 1541714

Ion Ratio Lower Upper

142 100

141 91.6 74.4 111.6

116 3.8 2.8 4.2



#39

1,2,4,5-Tetrachlorobenzene

Concen: 32.977 ng/ul

RT: 12.969 min Scan# 1663

Delta R.T. -0.006 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Tgt Ion:216 Resp: 974155

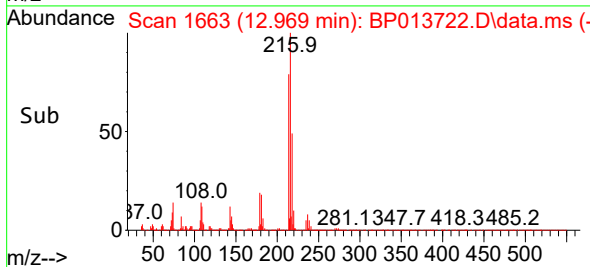
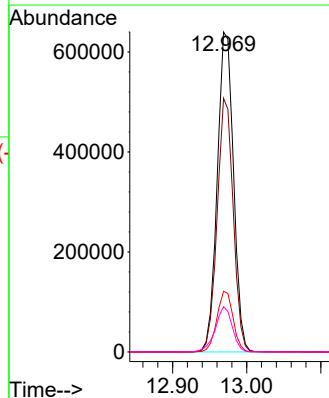
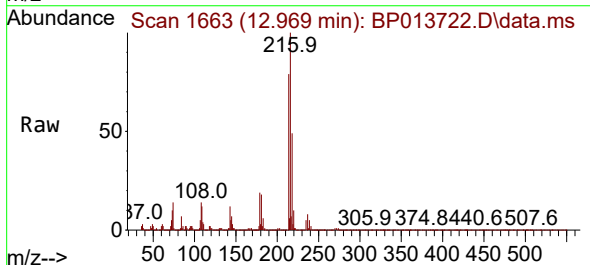
Ion Ratio Lower Upper

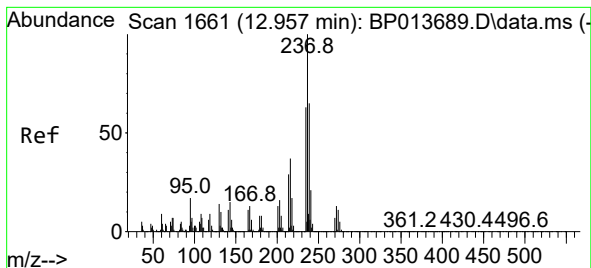
216 100

214 79.3 61.5 92.3

179 19.0 15.0 22.4

108 14.2 11.0 16.6





#40

Hexachlorocyclopentadiene

Concen: 25.250 ng/ul

RT: 12.951 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

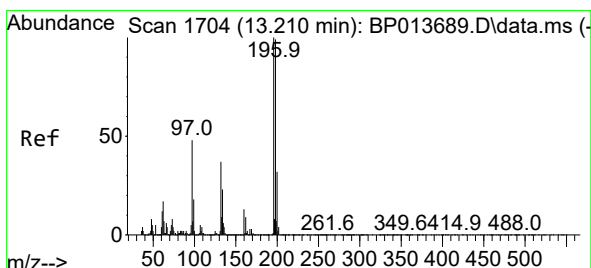
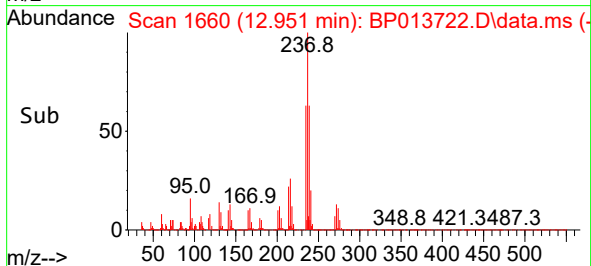
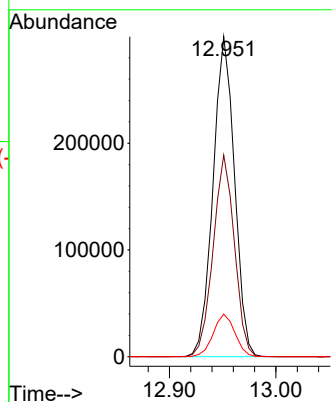
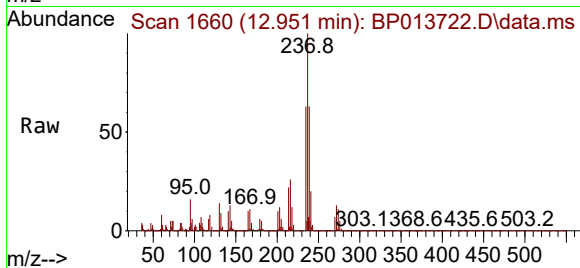
Tgt Ion:237 Resp: 419371

Ion Ratio Lower Upper

237 100

235 63.0 50.7 76.1

272 13.3 10.6 16.0



#41

2,4,6-Trichlorophenol

Concen: 32.518 ng/ul

RT: 13.204 min Scan# 1703

Delta R.T. -0.006 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

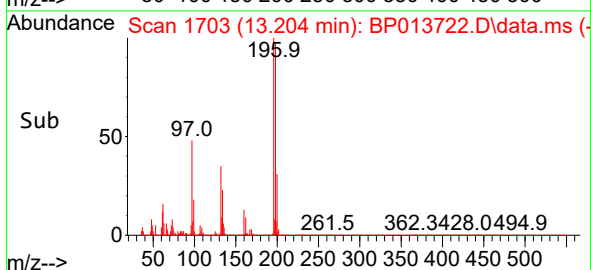
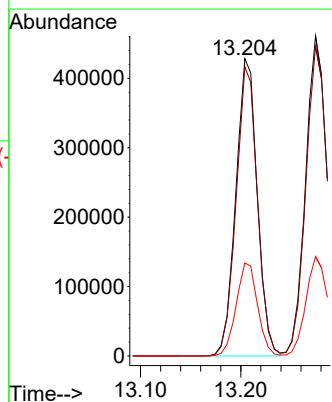
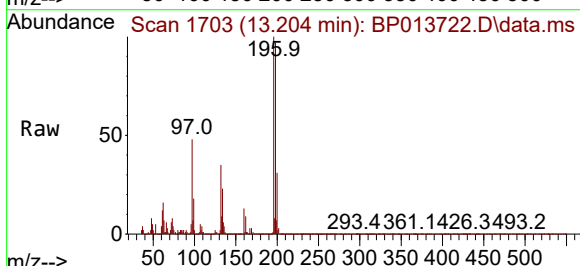
Tgt Ion:196 Resp: 636345

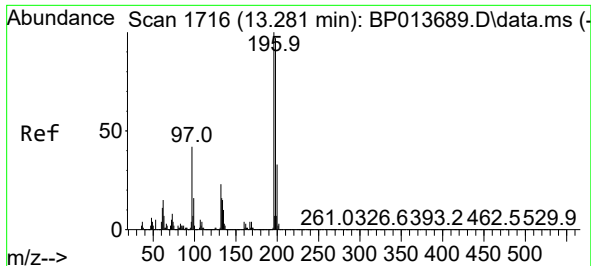
Ion Ratio Lower Upper

196 100

198 97.3 79.0 118.6

200 31.3 25.2 37.8

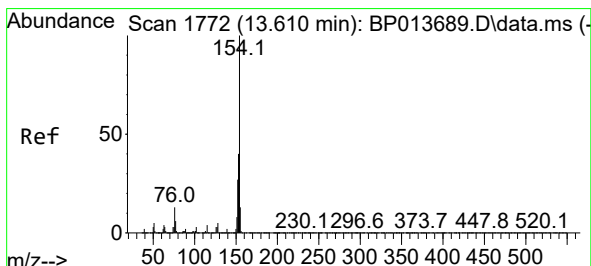
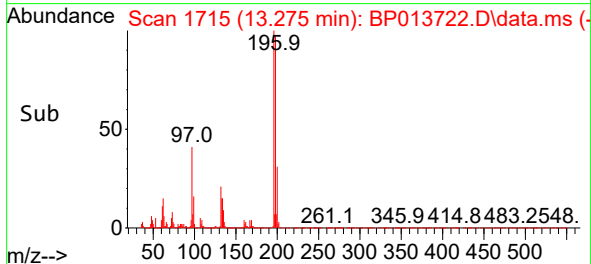
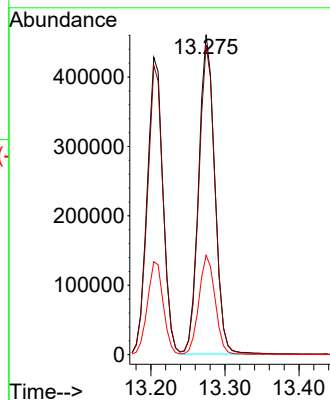
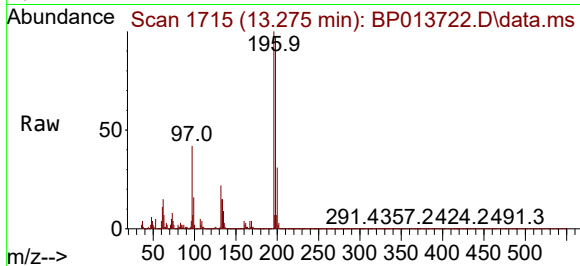




#42
2,4,5-Trichlorophenol
Concen: 32.559 ng/ul
RT: 13.275 min Scan# 1715
Delta R.T. -0.006 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

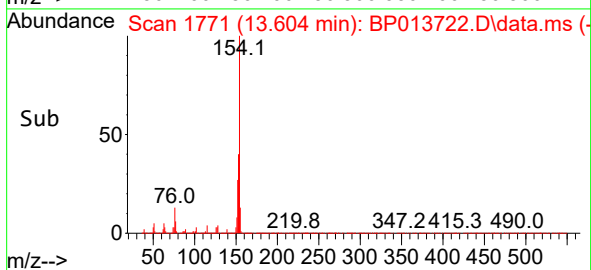
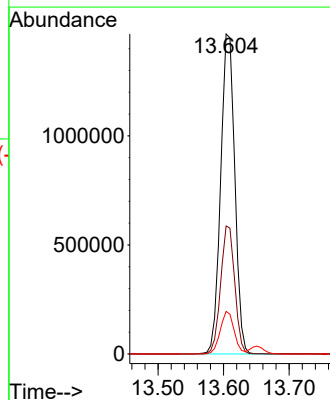
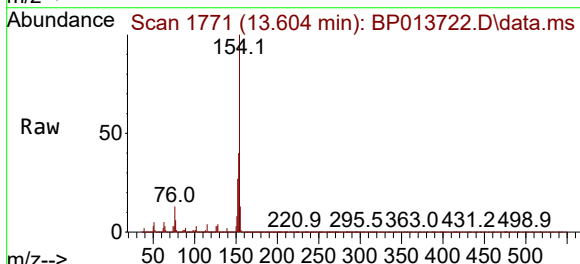
Instrument :
BNA_P
ClientSampleId :

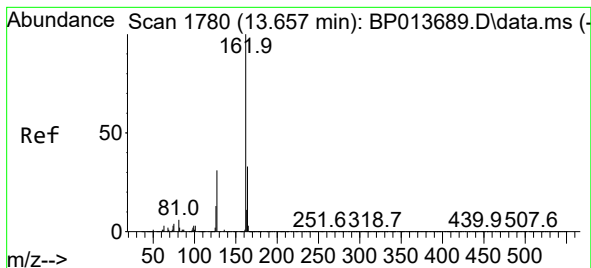
Tgt Ion:196 Resp: 694356
Ion Ratio Lower Upper
196 100
198 96.7 77.8 116.8
200 31.1 26.2 39.2



#43
1,1'-Biphenyl
Concen: 32.359 ng/ul
RT: 13.604 min Scan# 1771
Delta R.T. -0.006 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:154 Resp: 2191009
Ion Ratio Lower Upper
154 100
153 40.0 32.2 48.2
76 13.3 10.0 15.0





#44

2-Chloronaphthalene

Concen: 32.460 ng/ul

RT: 13.651 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

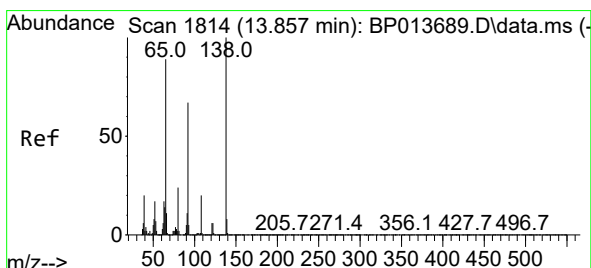
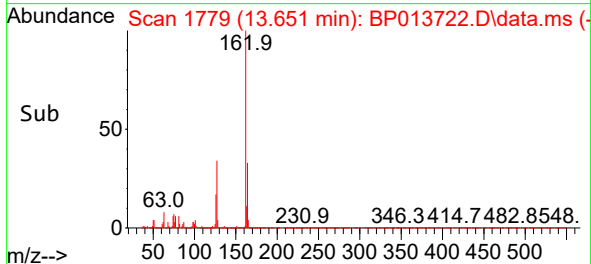
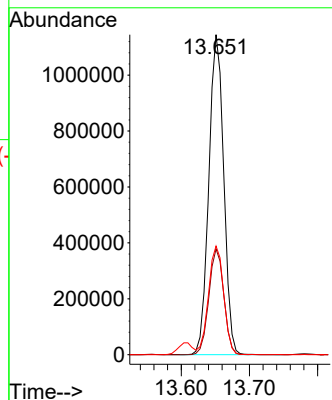
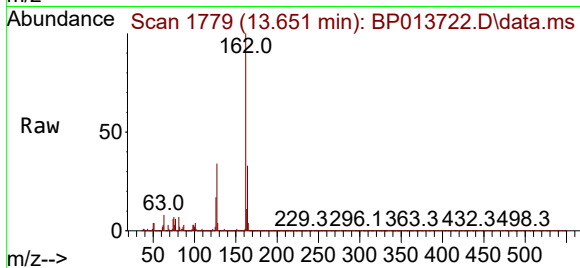
Tgt Ion:162 Resp: 1738828

Ion Ratio Lower Upper

162 100

164 33.1 26.6 39.8

127 33.9 27.5 41.3



#45

2-Nitroaniline

Concen: 41.702 ng/ul

RT: 13.851 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

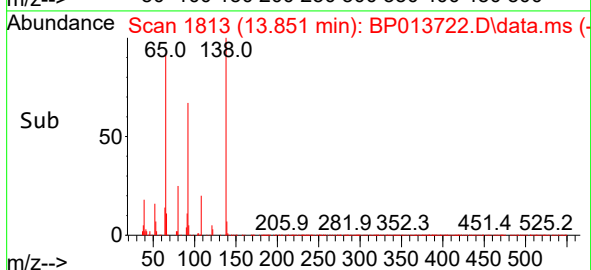
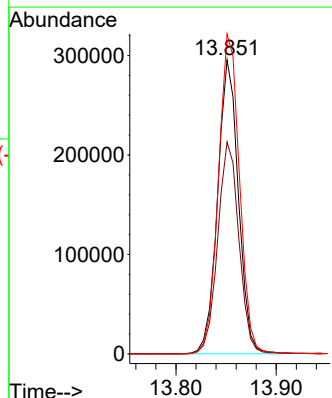
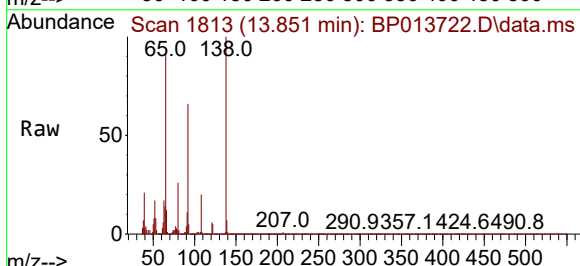
Tgt Ion: 65 Resp: 425228

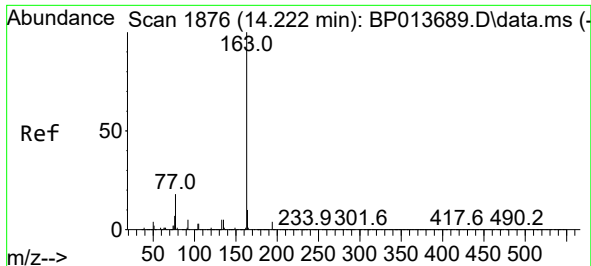
Ion Ratio Lower Upper

65 100

92 72.1 60.6 91.0

138 108.8 89.9 134.9





#47

Dimethylphthalate

Concen: 34.644 ng/ul

RT: 14.222 min Scan# 1876

Delta R.T. -0.000 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

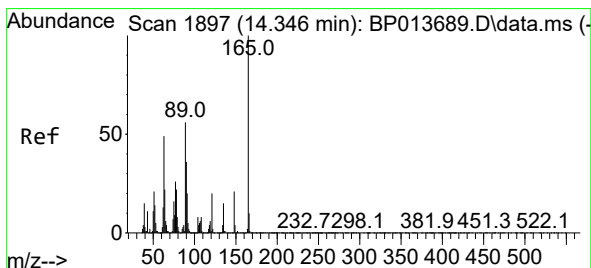
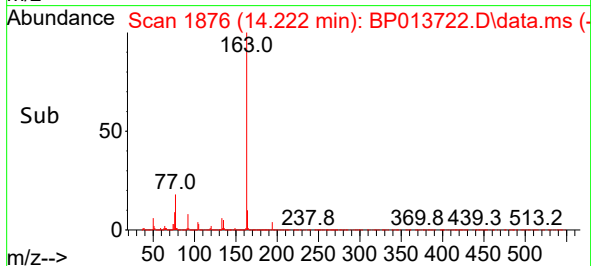
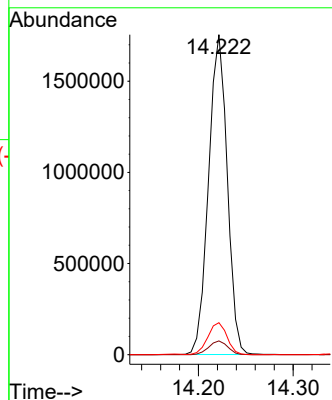
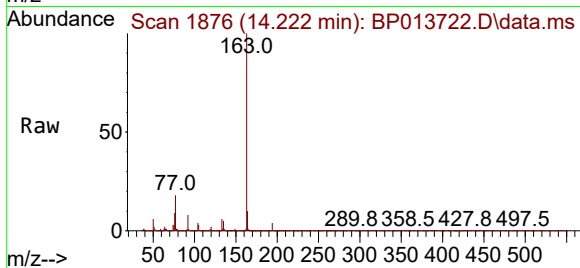
Tgt Ion:163 Resp: 2405970

Ion Ratio Lower Upper

163 100

194 4.3 3.6 5.4

164 10.0 8.2 12.4



#48

2,6-Dinitrotoluene

Concen: 45.890 ng/ul

RT: 14.345 min Scan# 1897

Delta R.T. -0.000 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

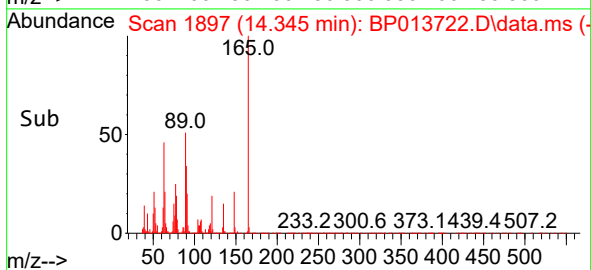
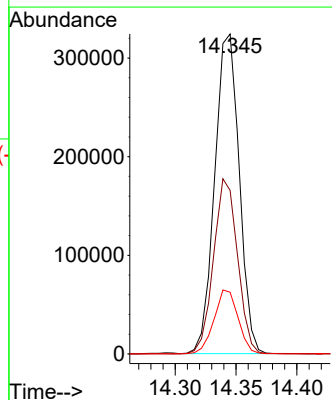
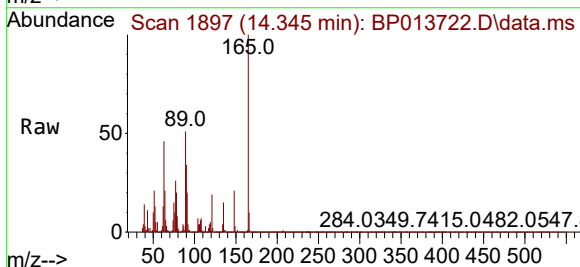
Tgt Ion:165 Resp: 454181

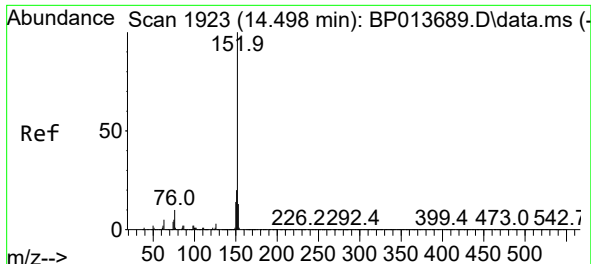
Ion Ratio Lower Upper

165 100

89 51.1 44.6 67.0

121 19.3 15.8 23.6

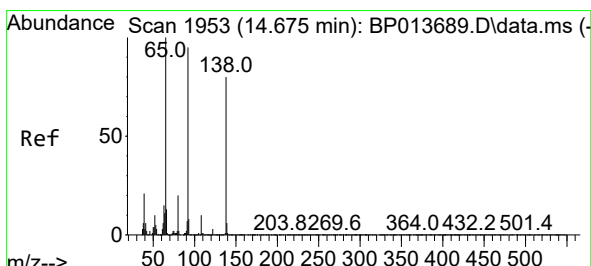
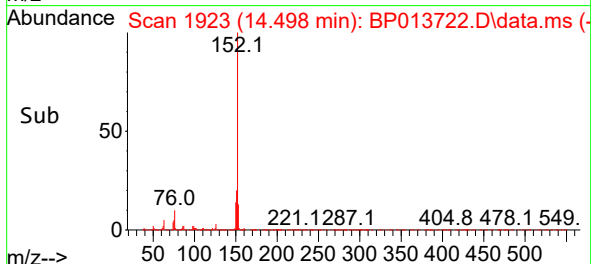
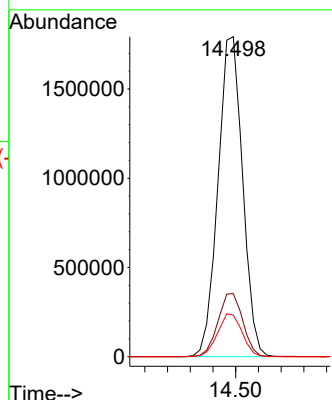
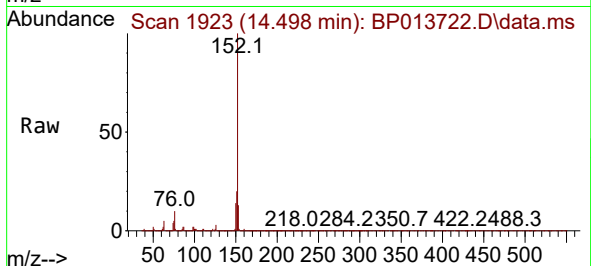




#50
Acenaphthylene
Concen: 32.854 ng/ul
RT: 14.498 min Scan# 1923
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

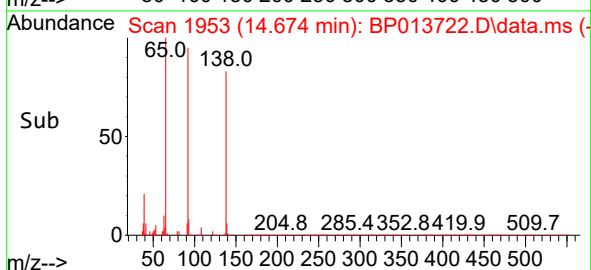
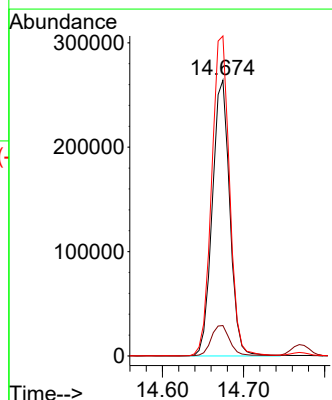
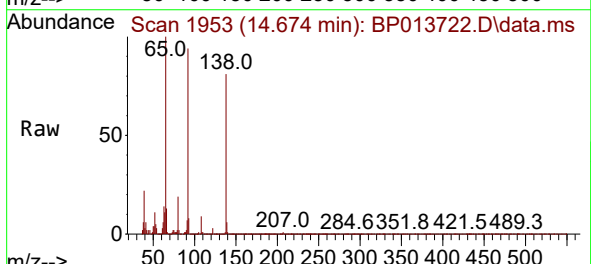
Instrument :
BNA_P
ClientSampleId :

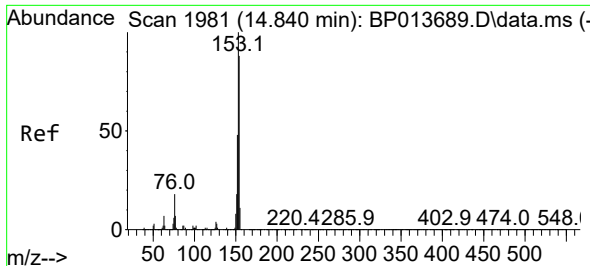
Tgt Ion:152 Resp: 2698147
Ion Ratio Lower Upper
152 100
151 19.7 15.9 23.9
153 13.0 10.7 16.1



#51
3-Nitroaniline
Concen: 37.748 ng/ul
RT: 14.674 min Scan# 1953
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:138 Resp: 394889
Ion Ratio Lower Upper
138 100
108 11.0 10.0 15.0
92 116.1 94.8 142.2

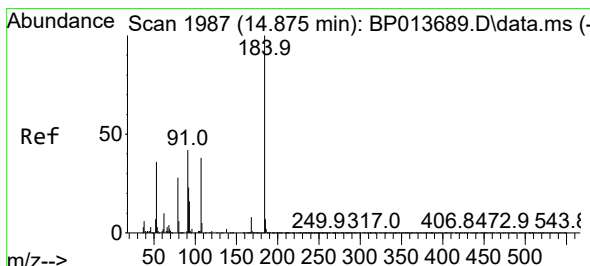
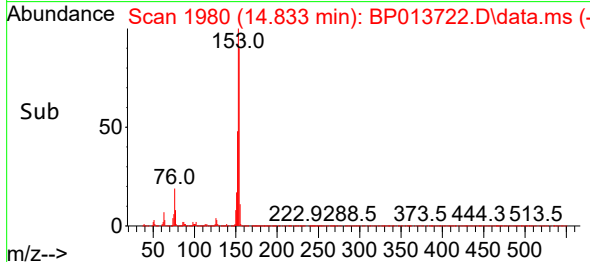
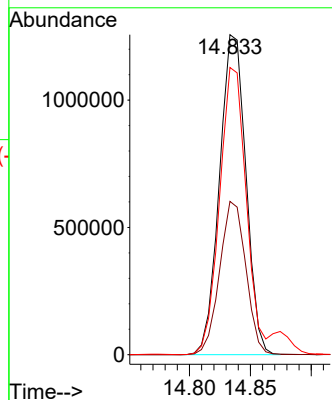
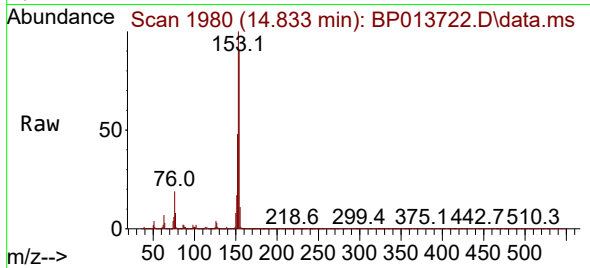




#52
Acenaphthene
Concen: 33.695 ng/ul
RT: 14.833 min Scan# 1980
Delta R.T. -0.006 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

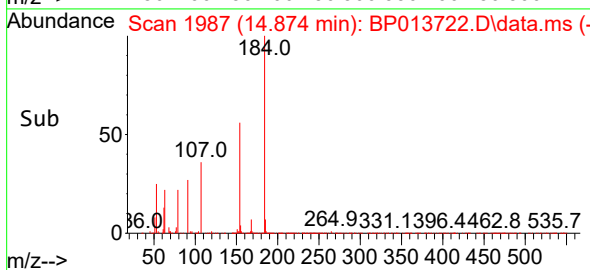
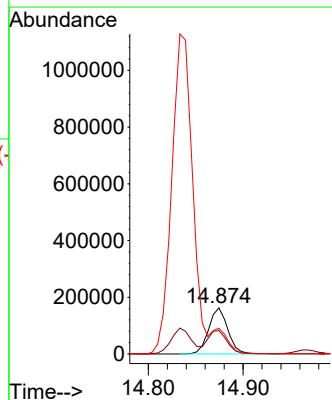
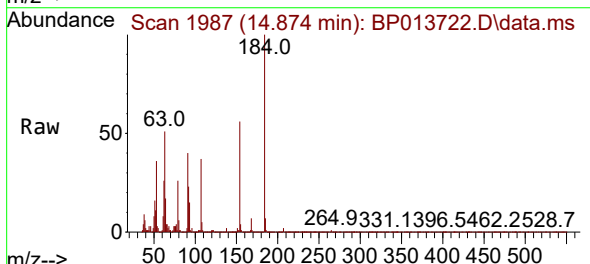
Instrument :
BNA_P
ClientSampleId :

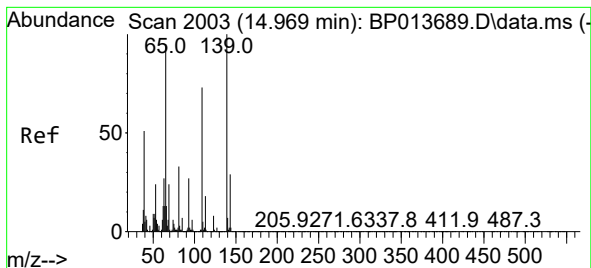
Tgt Ion:153 Resp: 1901657
Ion Ratio Lower Upper
153 100
152 47.9 38.1 57.1
154 89.8 70.6 105.8



#53
2,4-Dinitrophenol
Concen: 29.563 ng/ul
RT: 14.874 min Scan# 1987
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:184 Resp: 227252
Ion Ratio Lower Upper
184 100
63 50.7 42.5 63.7
154 55.9 46.0 69.0

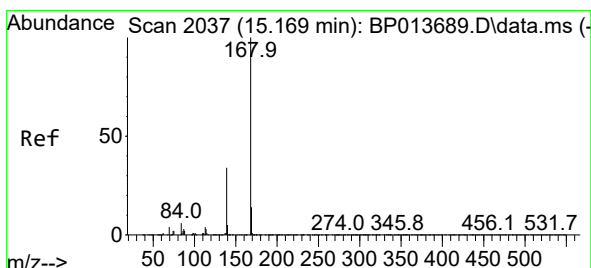
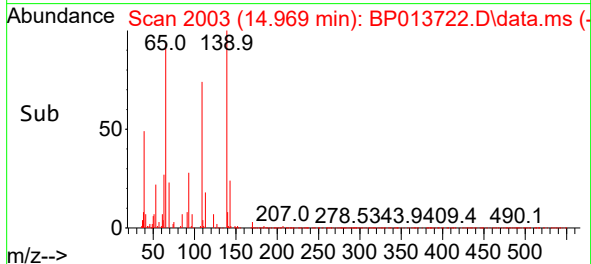
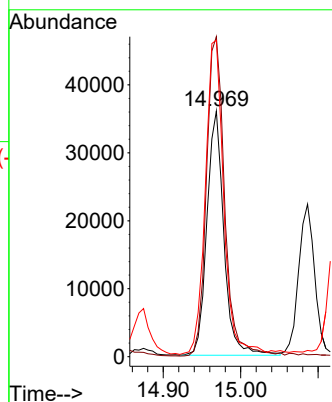
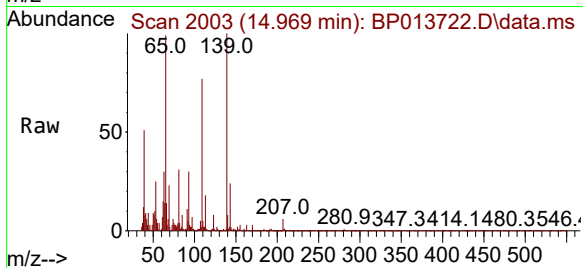




#55
4-Nitrophenol
Concen: 6.039 ng/ul
RT: 14.969 min Scan# 2003
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

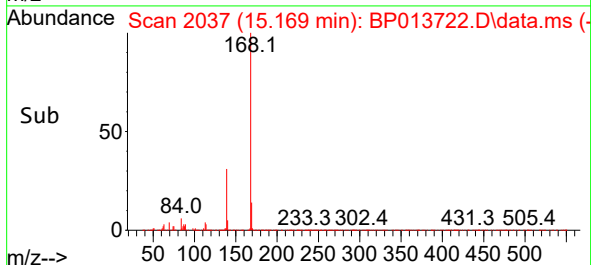
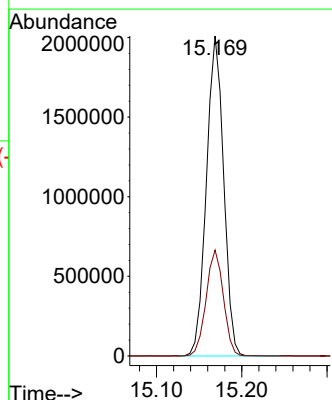
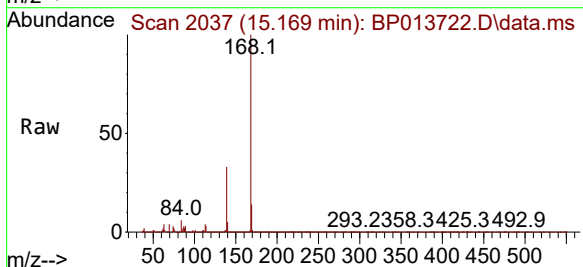
Instrument :
BNA_P
ClientSampleId :

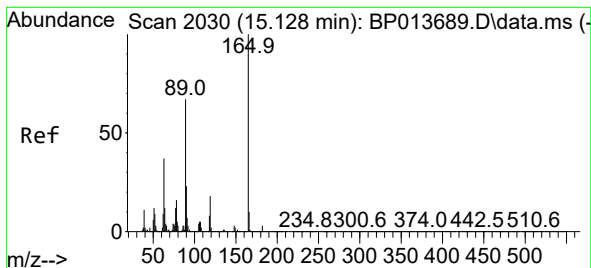
Tgt Ion:109 Resp: 54701
Ion Ratio Lower Upper
109 100
139 130.3 109.1 163.7
65 128.9 103.5 155.3



#56
Dibenzofuran
Concen: 34.368 ng/ul
RT: 15.169 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:168 Resp: 2817431
Ion Ratio Lower Upper
168 100
139 33.1 27.2 40.8

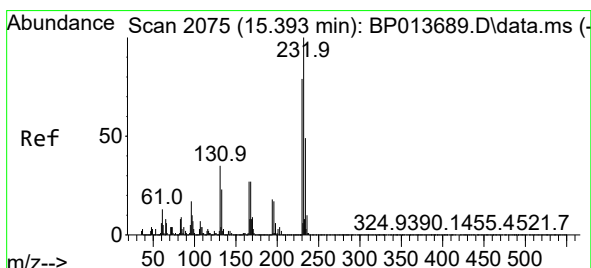
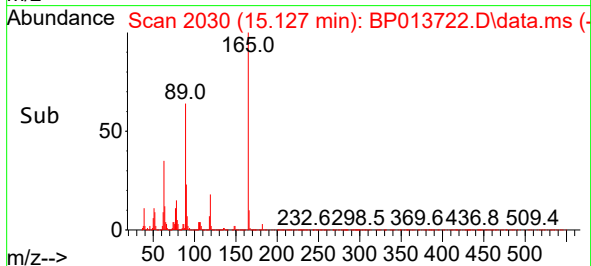
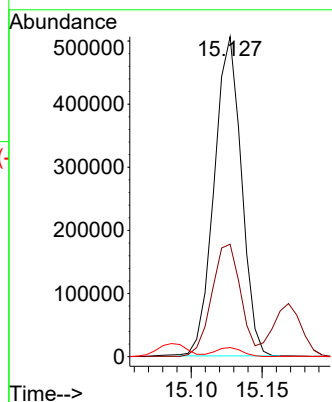
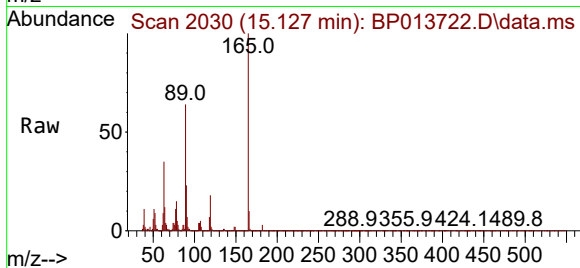




#57
2,4-Dinitrotoluene
Concen: 43.338 ng/ul
RT: 15.127 min Scan# 2030
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

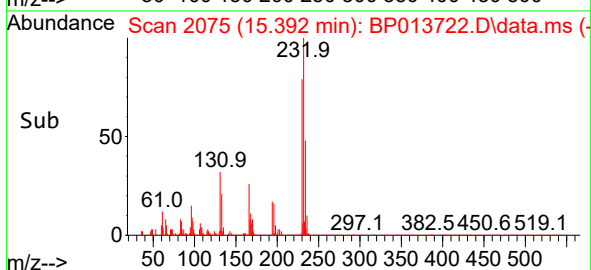
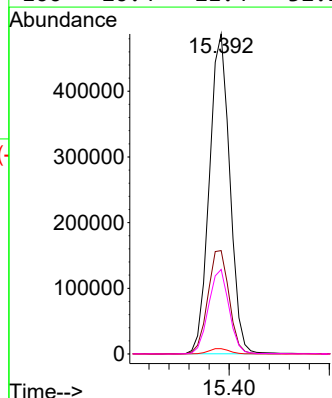
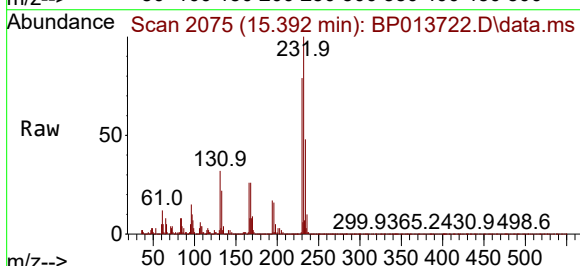
Instrument :
BNA_P
ClientSampleId :

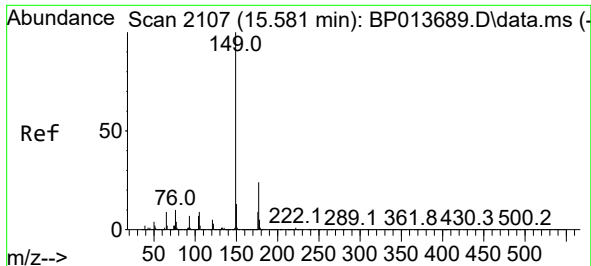
Tgt Ion:165 Resp: 673680
Ion Ratio Lower Upper
165 100
63 35.2 29.4 44.2
182 2.8 2.0 3.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 34.425 ng/ul
RT: 15.392 min Scan# 2075
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:232 Resp: 689981
Ion Ratio Lower Upper
232 100
131 32.3 28.3 42.5
130 1.6 1.5 2.3
166 26.4 21.4 32.2

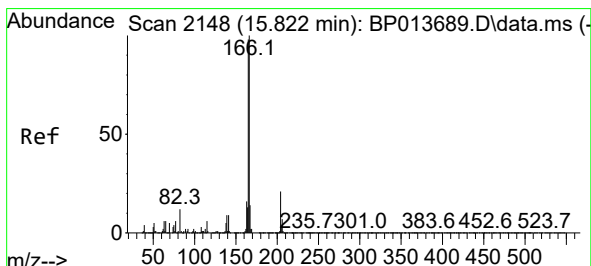
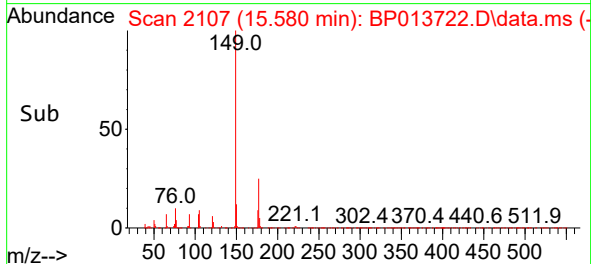
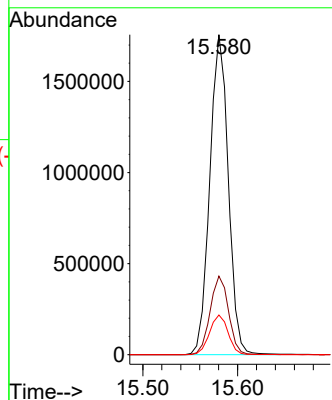
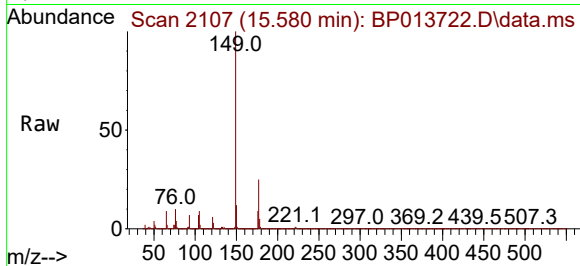




#59
Diethylphthalate
Concen: 35.785 ng/ul
RT: 15.580 min Scan# 2107
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

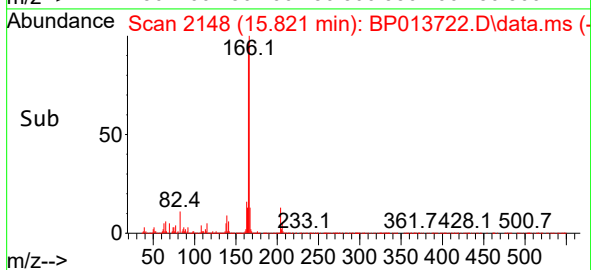
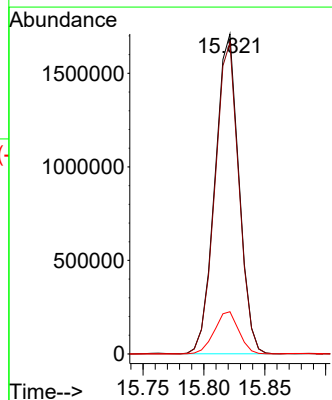
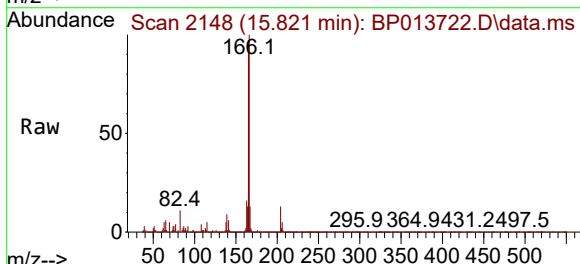
Instrument :
BNA_P
ClientSampleId :

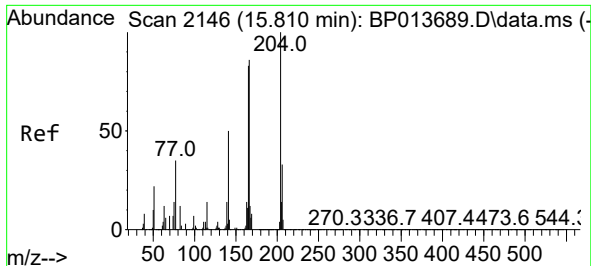
Tgt Ion:149 Resp: 2385848
Ion Ratio Lower Upper
149 100
177 24.6 19.2 28.8
150 12.4 10.0 15.0



#61
Fluorene
Concen: 35.053 ng/ul
RT: 15.821 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:166 Resp: 2338556
Ion Ratio Lower Upper
166 100
165 97.3 78.6 117.8
167 13.2 10.9 16.3

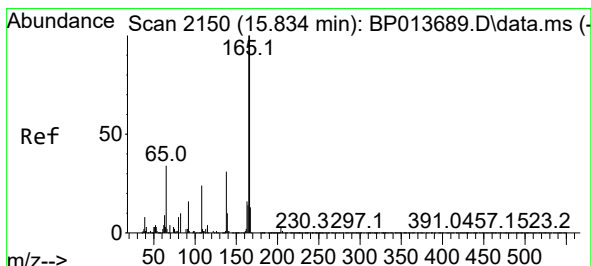
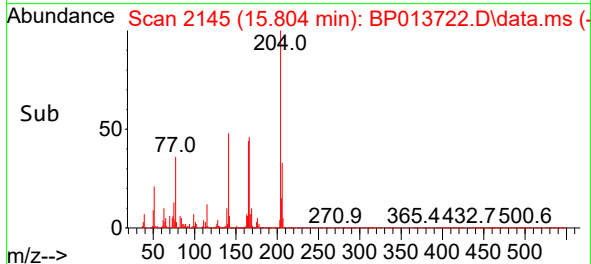
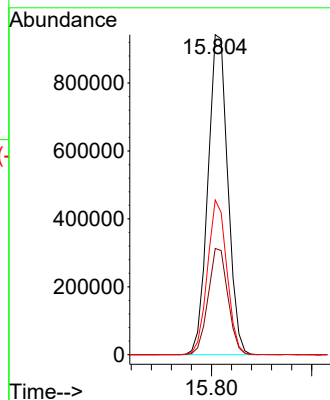
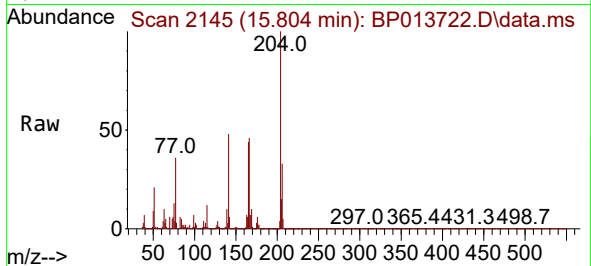




#62
4-Chlorophenyl-phenylether
Concen: 35.674 ng/ul
RT: 15.804 min Scan# 2146
Delta R.T. -0.006 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

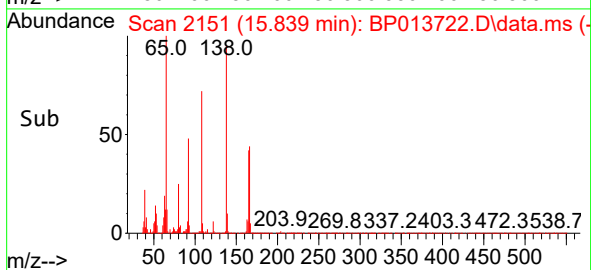
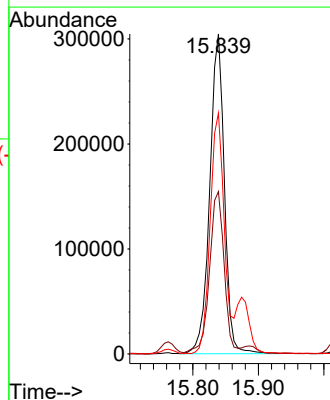
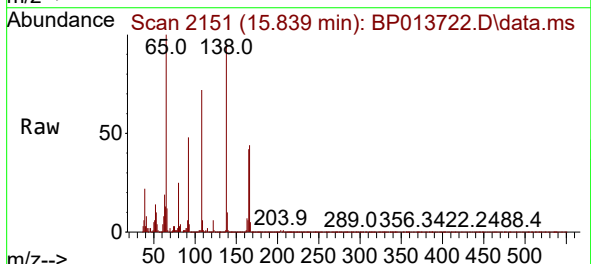
Instrument :
BNA_P
ClientSampleId :

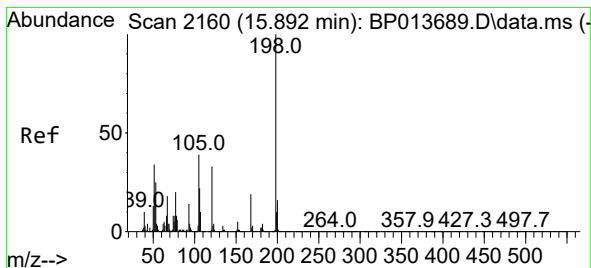
Tgt Ion:204 Resp: 1296648
Ion Ratio Lower Upper
204 100
206 33.2 26.2 39.2
141 48.4 39.7 59.5



#63
4-Nitroaniline
Concen: 48.326 ng/ul
RT: 15.839 min Scan# 2151
Delta R.T. 0.005 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:138 Resp: 473368
Ion Ratio Lower Upper
138 100
92 50.8 41.7 62.5
108 75.3 62.0 93.0

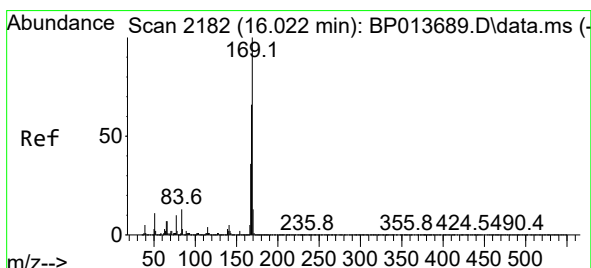
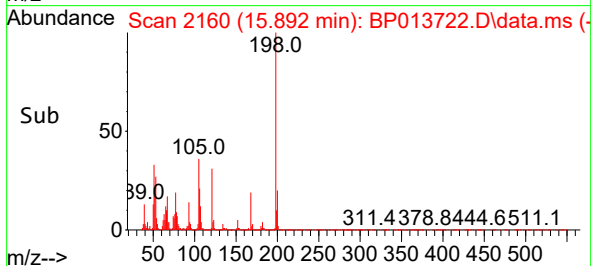
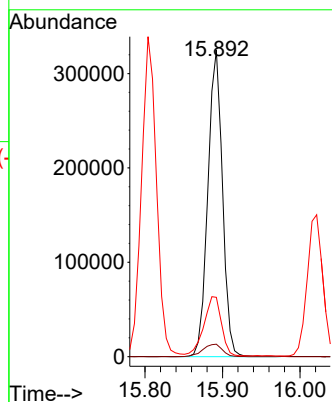
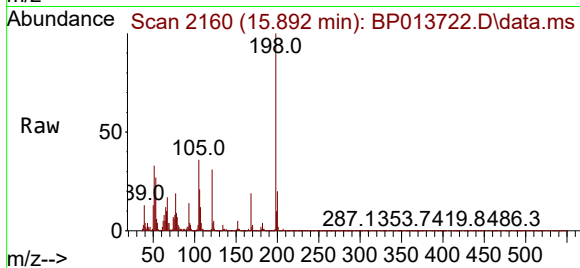




#66
4,6-Dinitro-2-methylphenol
Concen: 35.576 ng/ul
RT: 15.892 min Scan# 2160
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

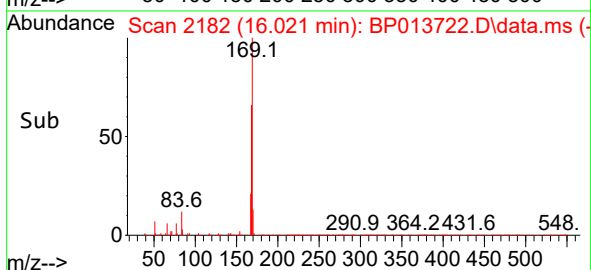
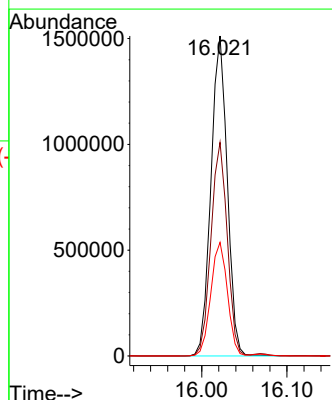
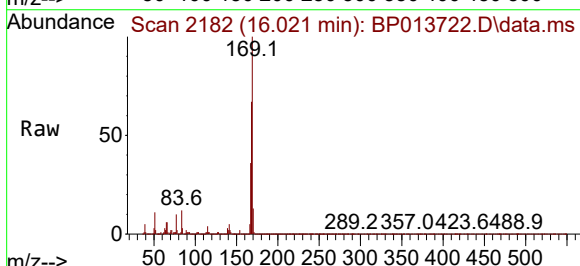
Instrument :
BNA_P
ClientSampleId :

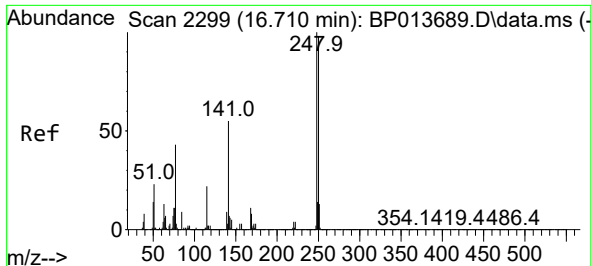
Tgt Ion:198 Resp: 424784
Ion Ratio Lower Upper
198 100
182 4.1 3.5 5.3
77 19.4 16.7 25.1



#67
N-Nitrosodiphenylamine
Concen: 34.743 ng/ul
RT: 16.021 min Scan# 2182
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:169 Resp: 2007675
Ion Ratio Lower Upper
169 100
168 66.7 53.0 79.4
167 35.5 28.9 43.3

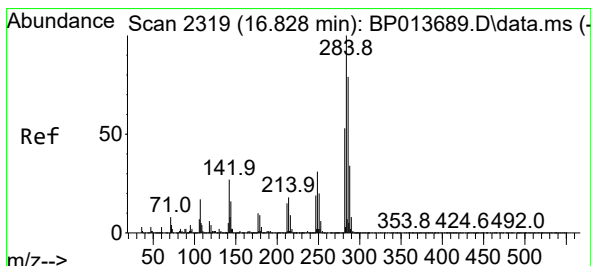
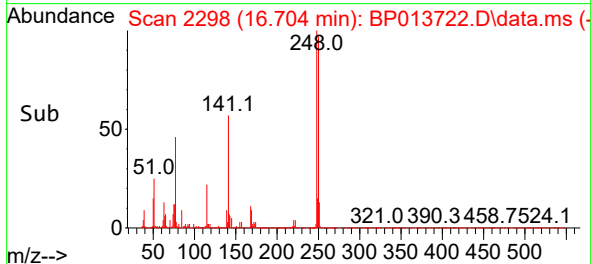
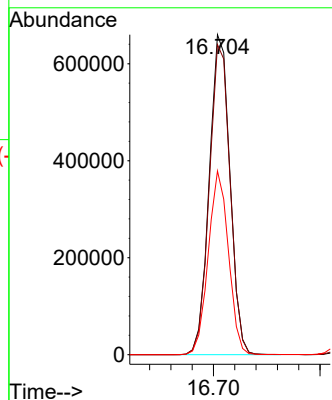
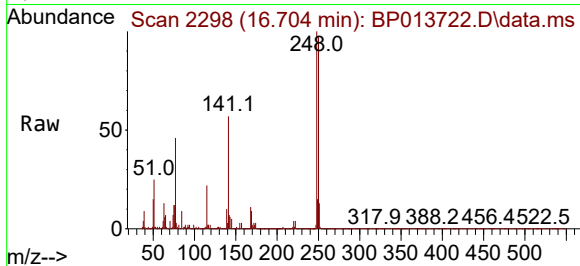




#68
4-Bromophenyl-phenylether
Concen: 36.501 ng/ul
RT: 16.704 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

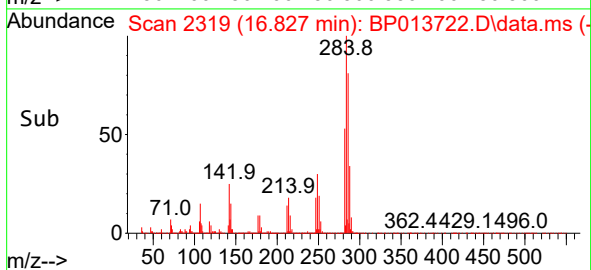
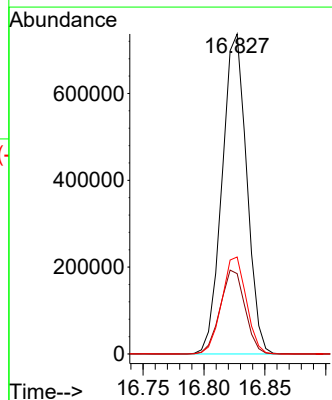
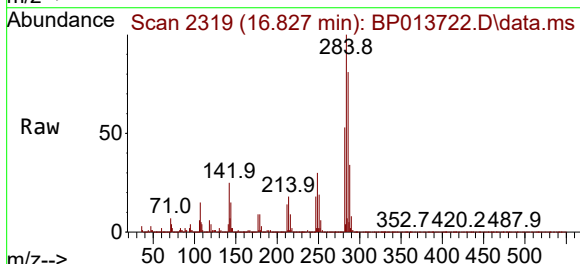
Instrument :
BNA_P
ClientSampleId :

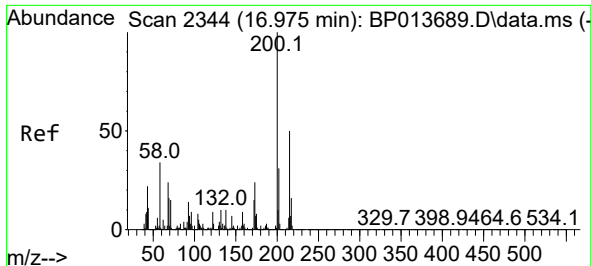
Tgt Ion:248 Resp: 889101
Ion Ratio Lower Upper
248 100
250 96.9 78.4 117.6
141 57.4 44.2 66.2



#69
Hexachlorobenzene
Concen: 36.278 ng/ul
RT: 16.827 min Scan# 2319
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:284 Resp: 1036690
Ion Ratio Lower Upper
284 100
142 25.1 21.4 32.2
249 30.3 24.5 36.7

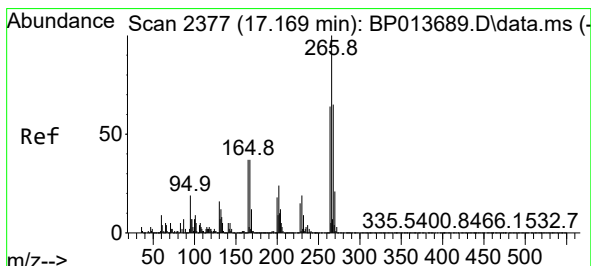
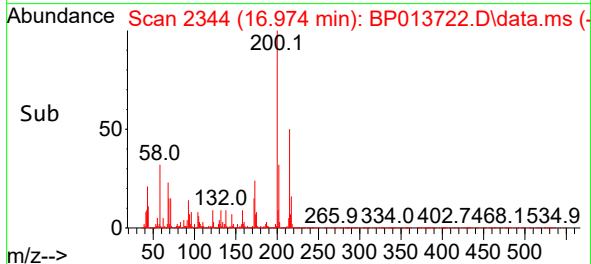
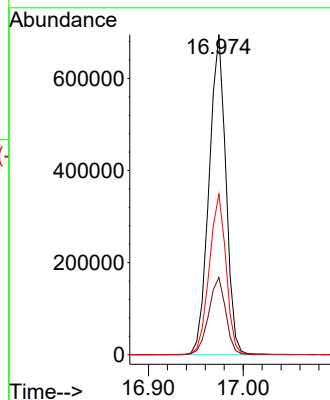
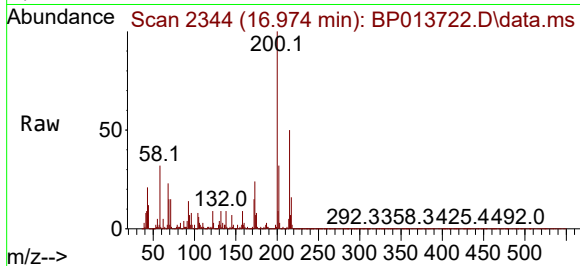




#70
Atrazine
Concen: 36.748 ng/ul
RT: 16.974 min Scan# 21
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

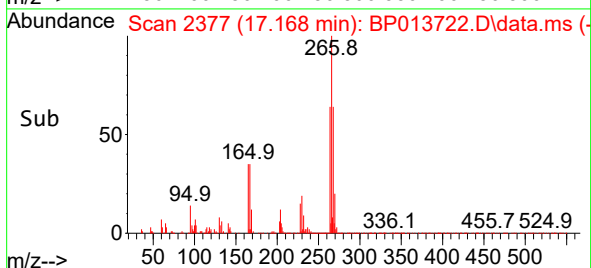
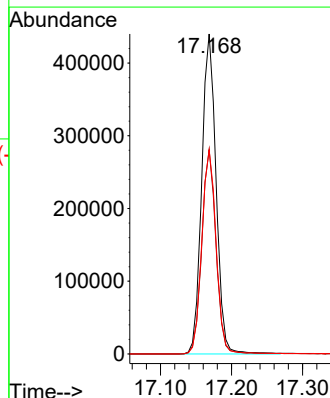
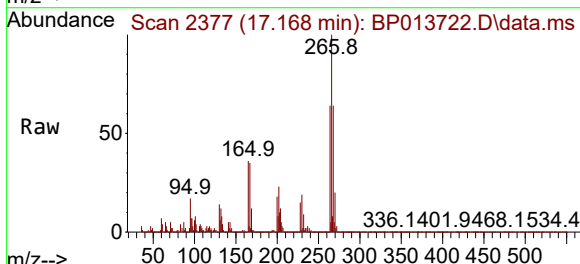
Instrument :
BNA_P
ClientSampleId :

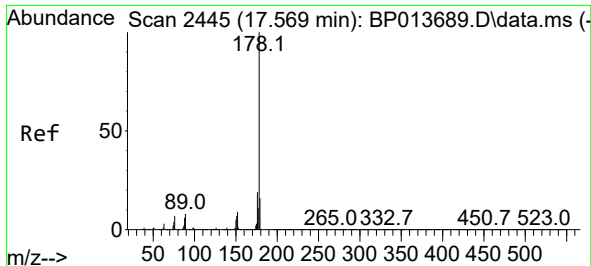
Tgt Ion:200 Resp: 854669
Ion Ratio Lower Upper
200 100
173 24.2 19.4 29.2
215 50.2 40.2 60.4



#71
Pentachlorophenol
Concen: 33.929 ng/ul
RT: 17.168 min Scan# 2377
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:266 Resp: 618856
Ion Ratio Lower Upper
266 100
264 63.9 51.2 76.8
268 63.8 51.8 77.8

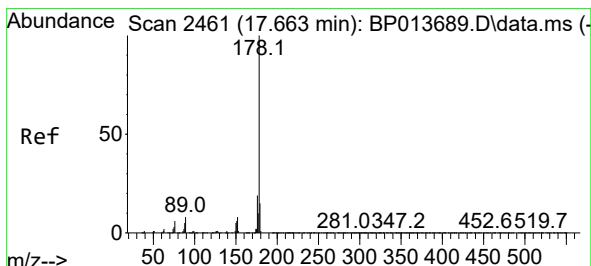
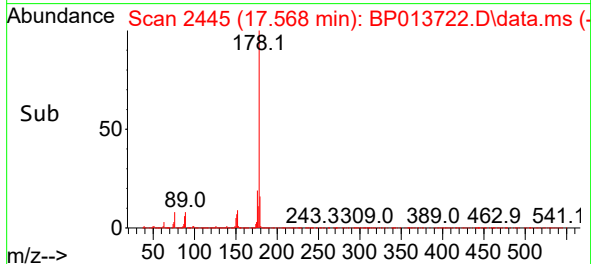
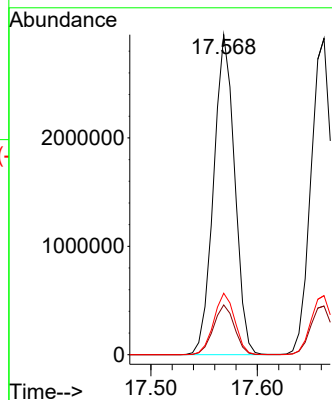
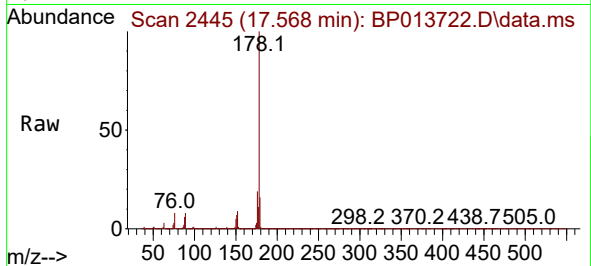




#72
Phenanthrene
Concen: 35.832 ng/ul
RT: 17.568 min Scan# 2445
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

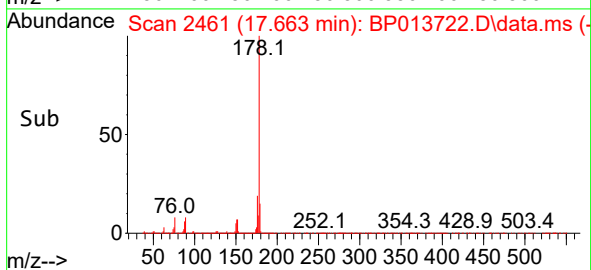
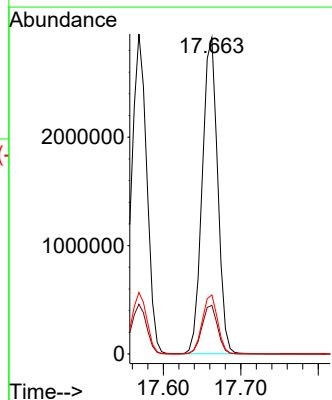
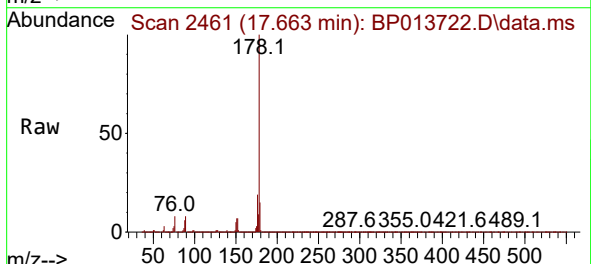
Instrument :
BNA_P
ClientSampleId :

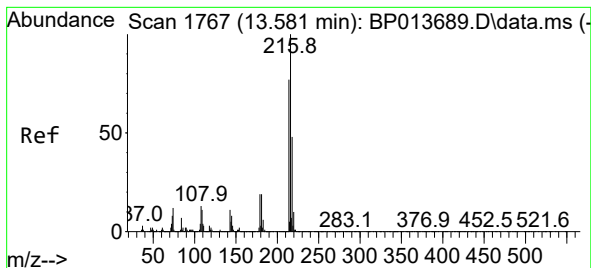
Tgt Ion:178 Resp: 4052256
Ion Ratio Lower Upper
178 100
179 15.6 12.6 18.8
176 19.2 15.4 23.2



#74
Anthracene
Concen: 35.208 ng/ul
RT: 17.663 min Scan# 2461
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:178 Resp: 4032778
Ion Ratio Lower Upper
178 100
179 15.4 12.2 18.4
176 18.7 15.0 22.4





#75

1,2,3,4-Tetrachlorobenzene

Concen: 32.762 ng/uL

RT: 13.575 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

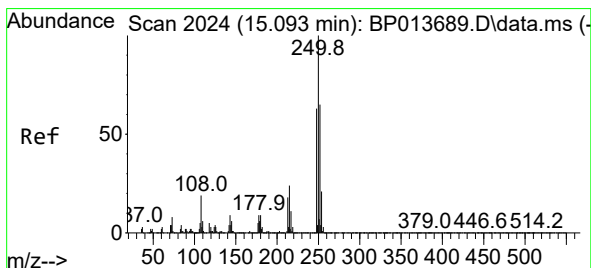
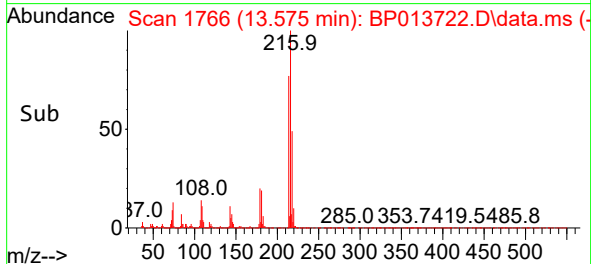
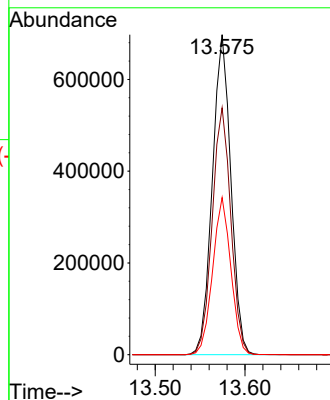
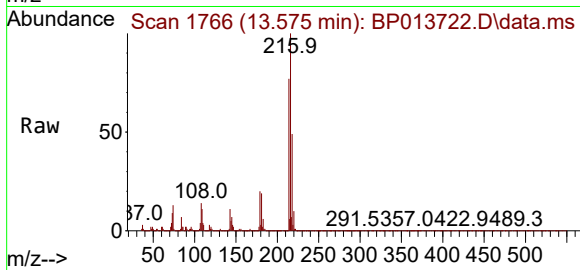
Tgt Ion:216 Resp: 999281

Ion Ratio Lower Upper

216 100

214 77.2 61.4 92.0

218 49.1 38.4 57.6



#76

Pentachlorobenzene

Concen: 35.106 ng/uL

RT: 15.086 min Scan# 2023

Delta R.T. -0.006 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

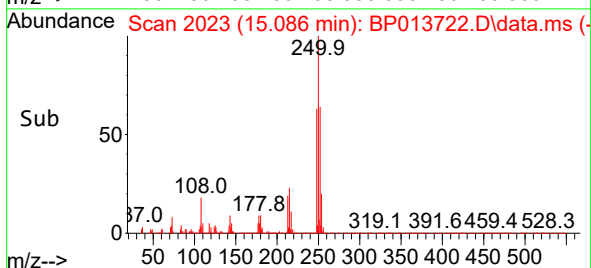
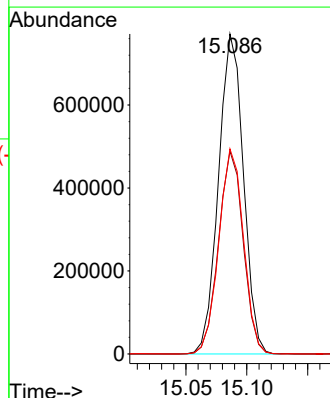
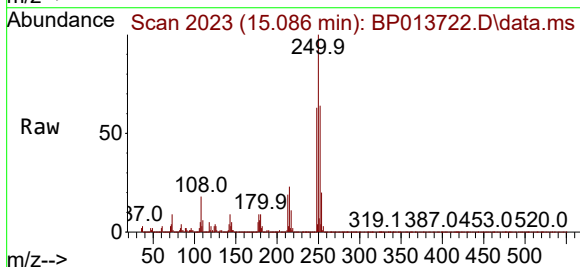
Tgt Ion:250 Resp: 1097726

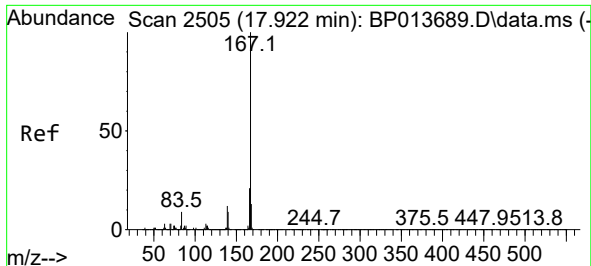
Ion Ratio Lower Upper

250 100

248 63.4 50.3 75.5

252 64.1 51.8 77.8

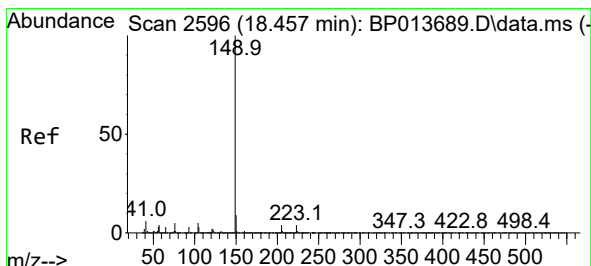
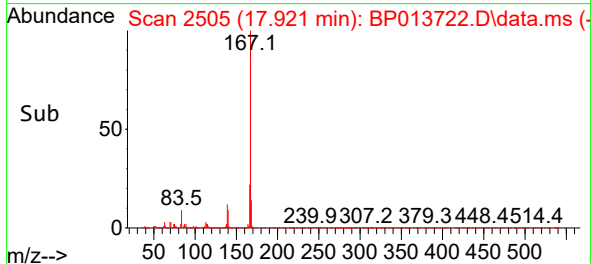
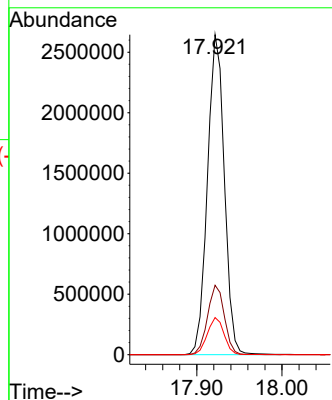
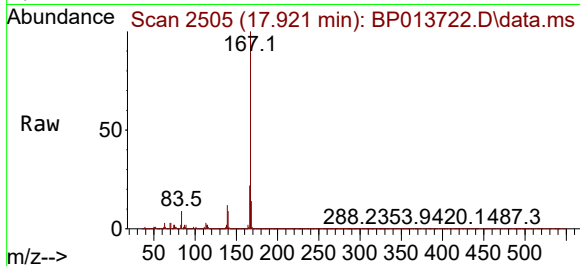




#77
 Carbazole
 Concen: 36.733 ng/ul
 RT: 17.921 min Scan# 2505
 Delta R.T. -0.000 min
 Lab File: BP013722.D
 Acq: 02 Feb 2023 22:20

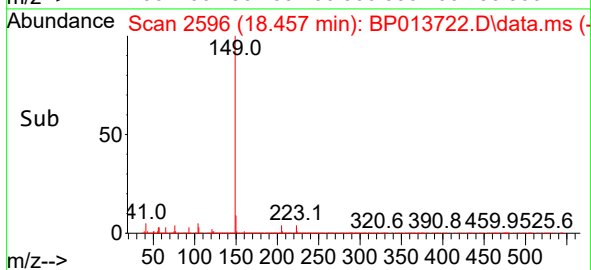
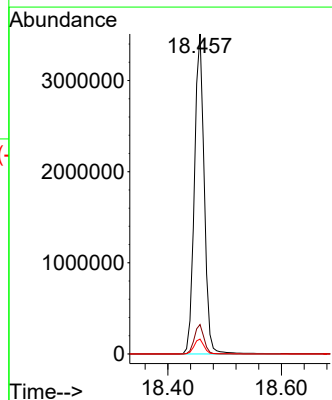
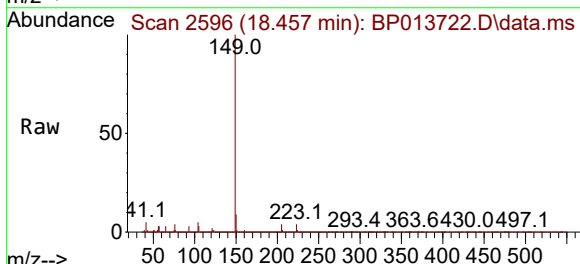
Instrument :
 BNA_P
 ClientSampleId :

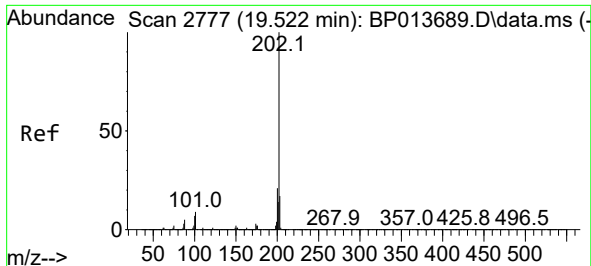
Tgt Ion:167 Resp: 3650209
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 11.6 9.4 14.2



#78
 Di-n-butylphthalate
 Concen: 35.963 ng/ul
 RT: 18.457 min Scan# 2596
 Delta R.T. -0.000 min
 Lab File: BP013722.D
 Acq: 02 Feb 2023 22:20

Tgt Ion:149 Resp: 4222412
 Ion Ratio Lower Upper
 149 100
 150 9.2 7.4 11.0
 104 4.6 3.8 5.8

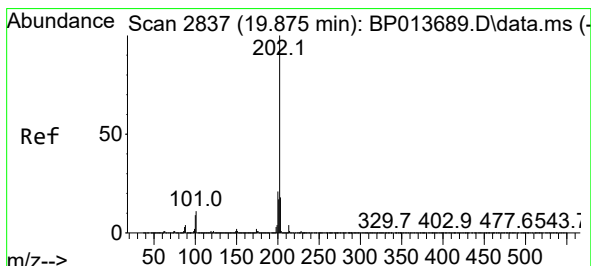
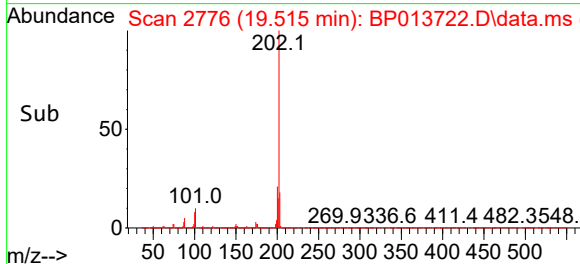
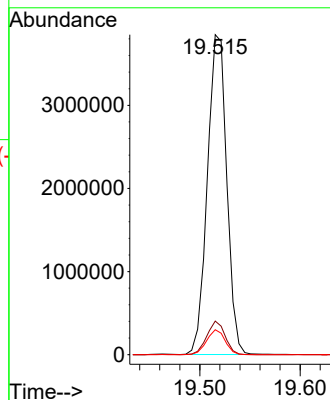
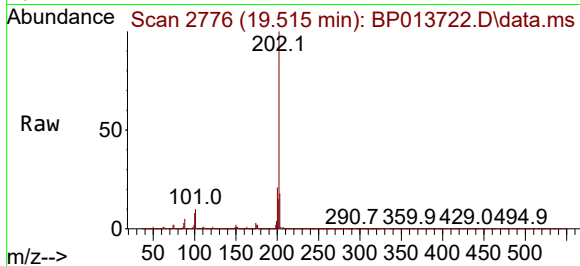




#80
Fluoranthene
Concen: 37.088 ng/ul
RT: 19.515 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

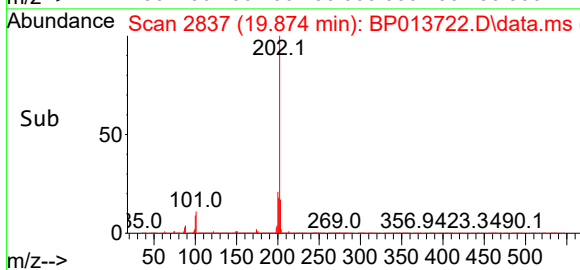
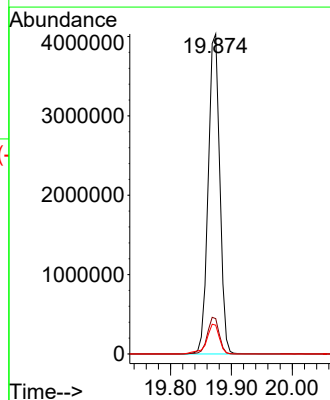
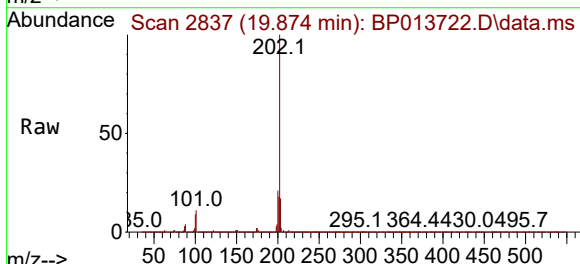
Instrument :
BNA_P
ClientSampleId :

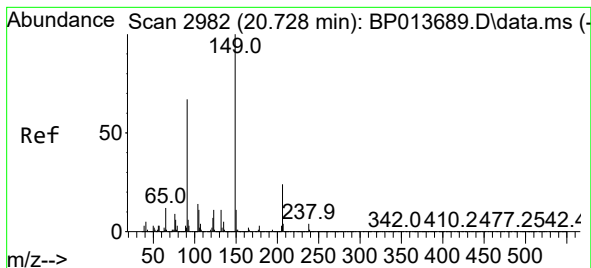
Tgt Ion:202 Resp: 5178857
Ion Ratio Lower Upper
202 100
101 10.5 7.6 11.4
100 7.8 5.7 8.5



#82
Pyrene
Concen: 37.272 ng/ul
RT: 19.874 min Scan# 2837
Delta R.T. -0.000 min
Lab File: BP013722.D
Acq: 02 Feb 2023 22:20

Tgt Ion:202 Resp: 5321203
Ion Ratio Lower Upper
202 100
101 11.0 8.8 13.2
100 9.0 7.3 10.9





#83

Butylbenzylphthalate

Concen: 43.252 ng/ul

RT: 20.727 min Scan# 2982

Delta R.T. -0.000 min

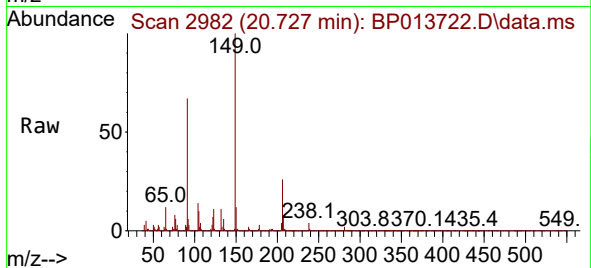
Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :



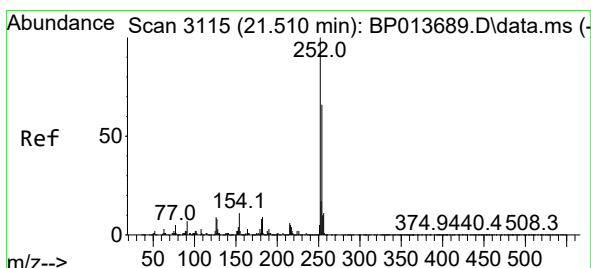
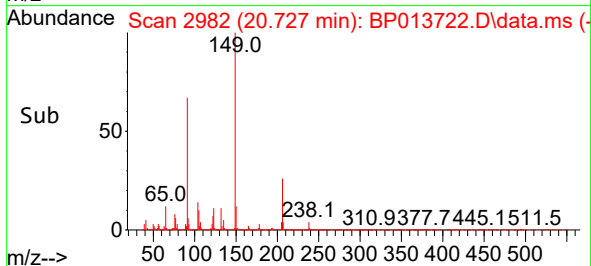
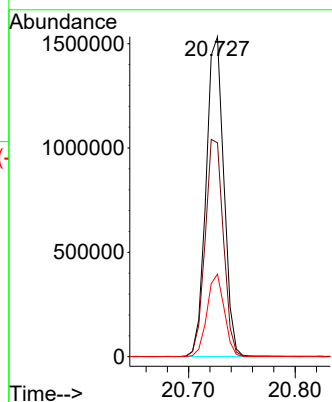
Tgt Ion:149 Resp: 1774084

Ion Ratio Lower Upper

149 100

91 66.9 53.9 80.9

206 25.8 19.4 29.2



#84

3,3'-Dichlorobenzidine

Concen: 24.346 ng/ul

RT: 21.509 min Scan# 3115

Delta R.T. -0.000 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

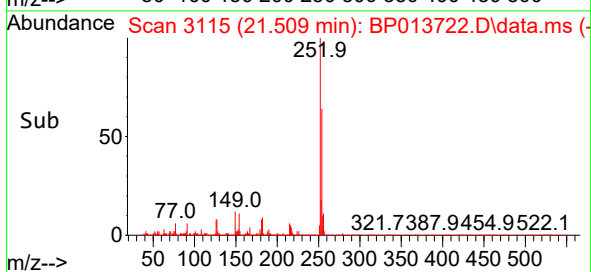
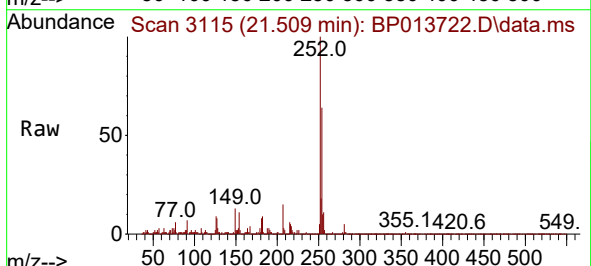
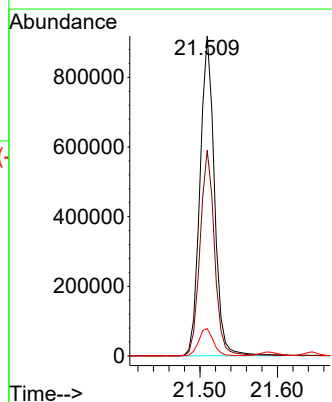
Tgt Ion:252 Resp: 1187747

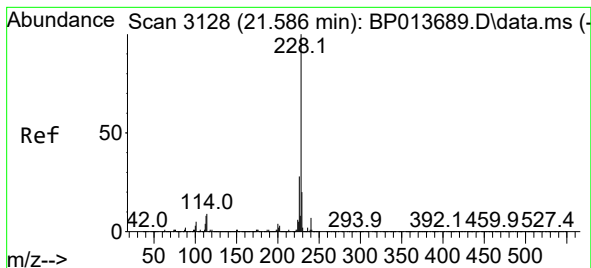
Ion Ratio Lower Upper

252 100

254 64.3 52.6 79.0

126 8.5 7.0 10.6





#85

Benzo(a)anthracene

Concen: 36.771 ng/ul

RT: 21.586 min Scan# 3128

Delta R.T. -0.000 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

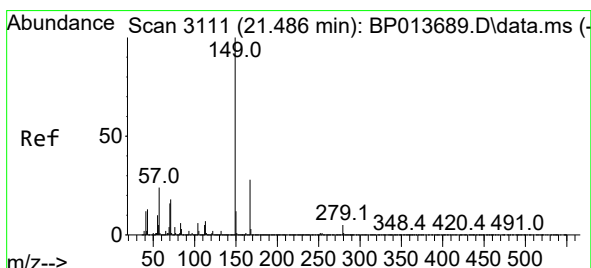
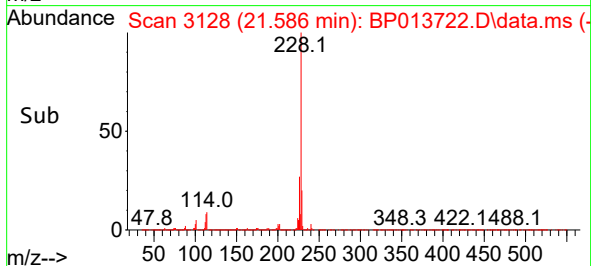
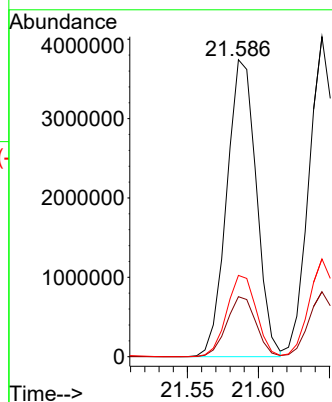
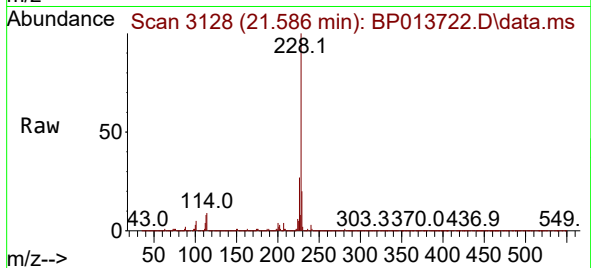
Tgt Ion:228 Resp: 5429945

Ion Ratio Lower Upper

228 100

229 20.2 15.8 23.8

226 27.4 22.0 33.0



#86

Bis(2-ethylhexyl)phthalate

Concen: 38.952 ng/ul

RT: 21.486 min Scan# 3111

Delta R.T. -0.000 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

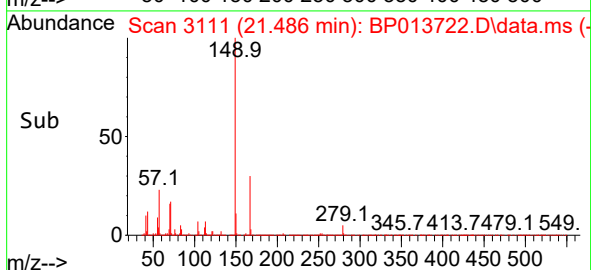
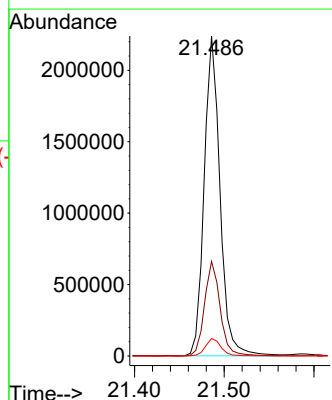
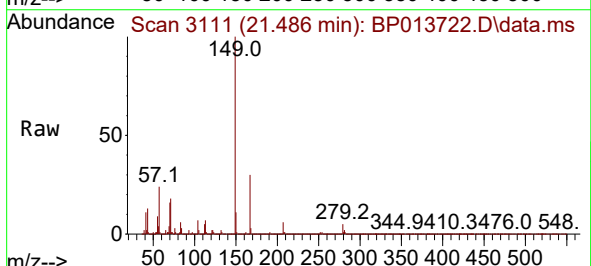
Tgt Ion:149 Resp: 2739266

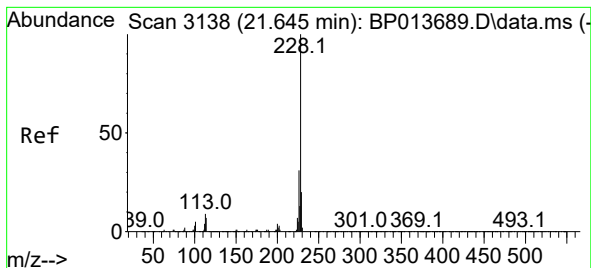
Ion Ratio Lower Upper

149 100

167 29.5 22.7 34.1

279 5.5 3.9 5.9





#87

Chrysene

Concen: 37.176 ng/ul

RT: 21.645 min Scan# 3138

Delta R.T. -0.000 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

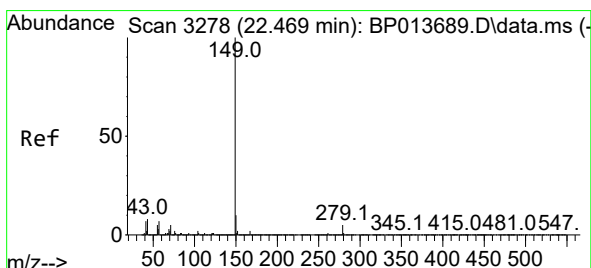
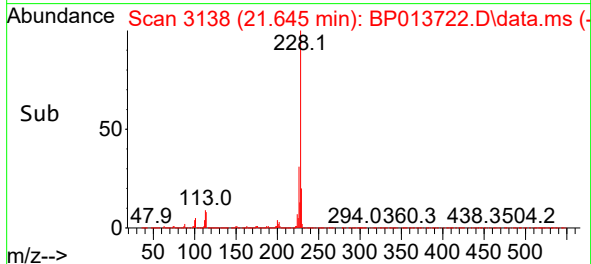
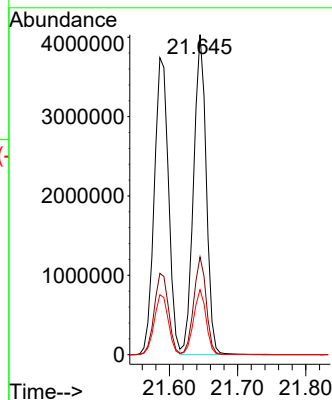
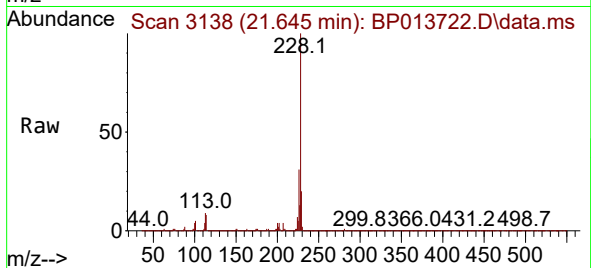
Tgt Ion:228 Resp: 5168479

Ion Ratio Lower Upper

228 100

226 30.6 24.5 36.7

229 20.3 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 39.106 ng/ul

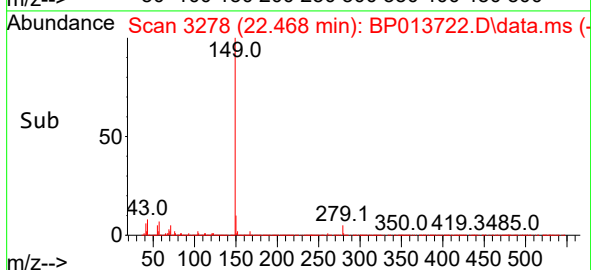
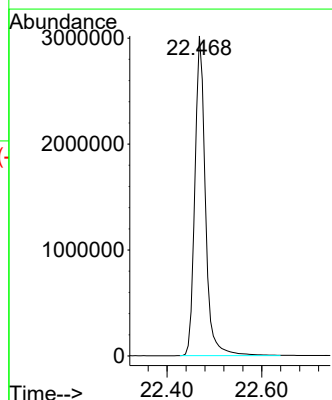
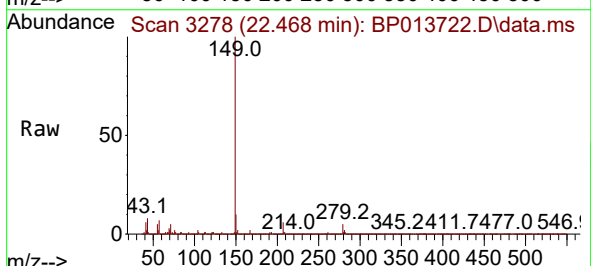
RT: 22.468 min Scan# 3278

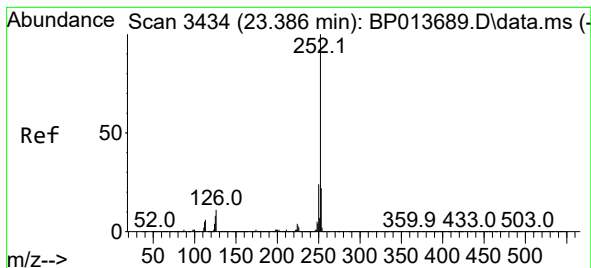
Delta R.T. -0.000 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Tgt Ion:149 Resp: 4646684





#90

Benzo(b)fluoranthene

Concen: 38.338 ng/ul

RT: 23.386 min Scan# 3434

Delta R.T. -0.000 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

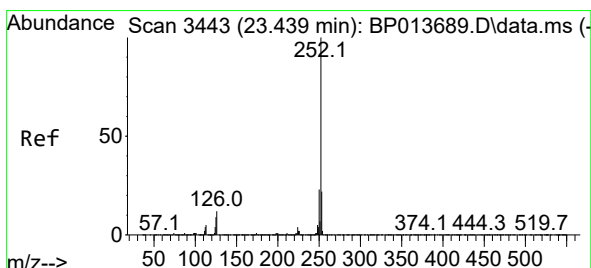
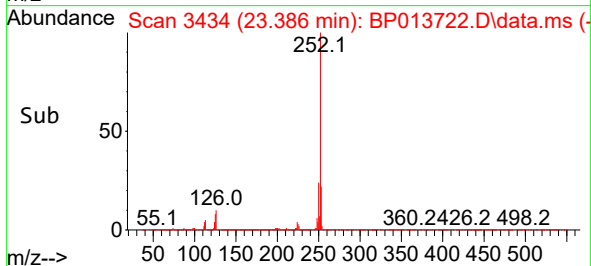
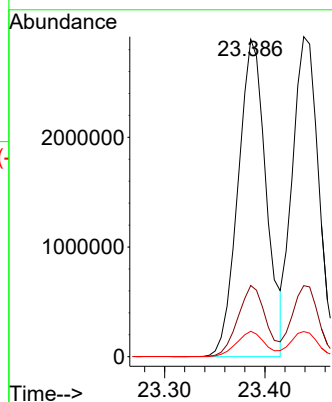
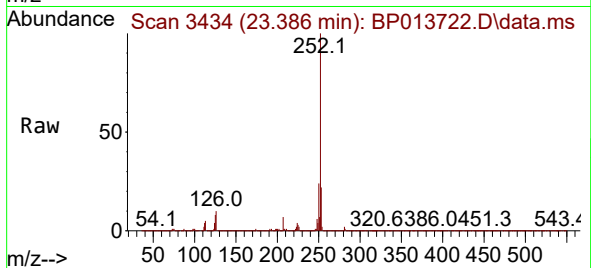
Tgt Ion:252 Resp: 5645340

Ion Ratio Lower Upper

252 100

253 22.4 17.8 26.8

125 8.0 6.5 9.7



#91

Benzo(k)fluoranthene

Concen: 37.549 ng/ul

RT: 23.439 min Scan# 3443

Delta R.T. -0.000 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

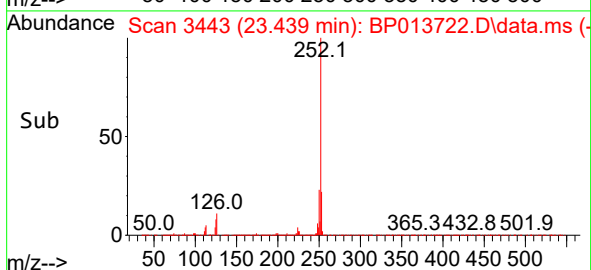
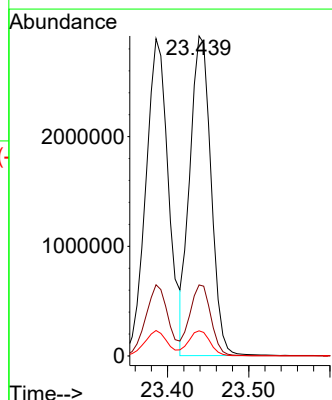
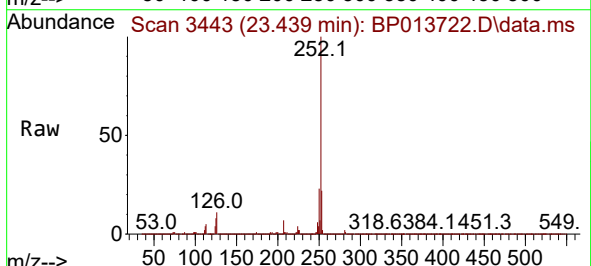
Tgt Ion:252 Resp: 5284452

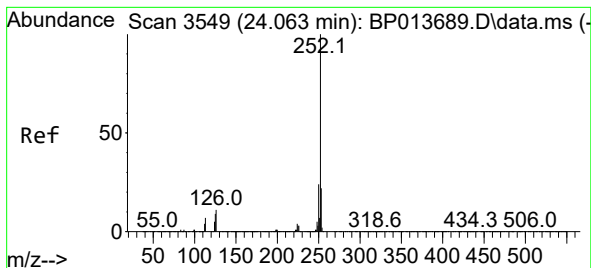
Ion Ratio Lower Upper

252 100

253 22.2 17.5 26.3

125 7.9 6.7 10.1





#93

Benzo(a)pyrene

Concen: 36.993 ng/ul

RT: 24.068 min Scan# 3

Delta R.T. 0.005 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

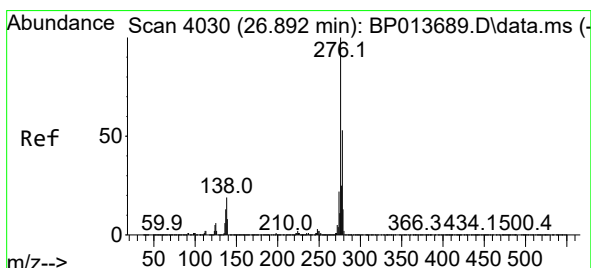
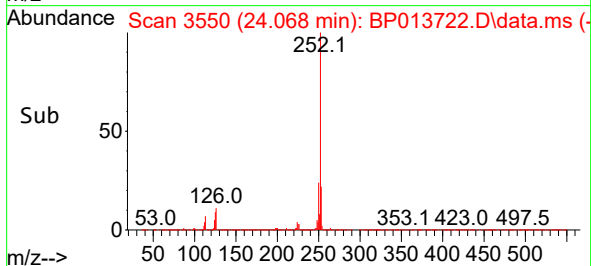
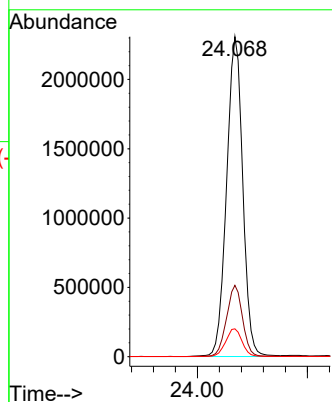
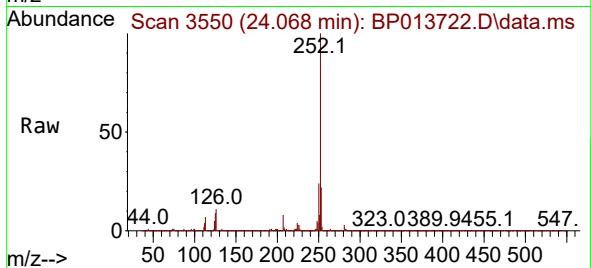
Tgt Ion:252 Resp: 4702653

Ion Ratio Lower Upper

252 100

253 22.3 17.5 26.3

125 8.7 7.3 10.9



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.801 ng/ul

RT: 26.903 min Scan# 4032

Delta R.T. 0.011 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

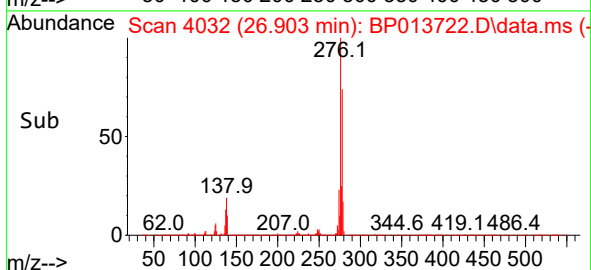
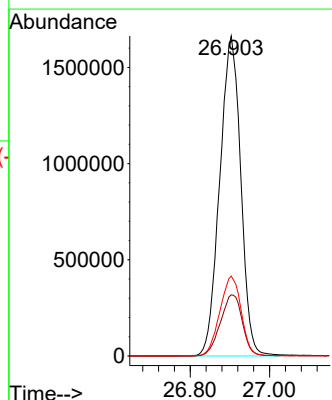
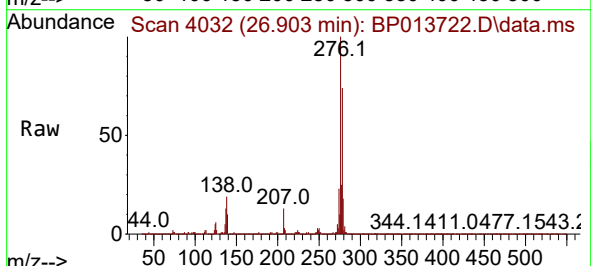
Tgt Ion:276 Resp: 6111281

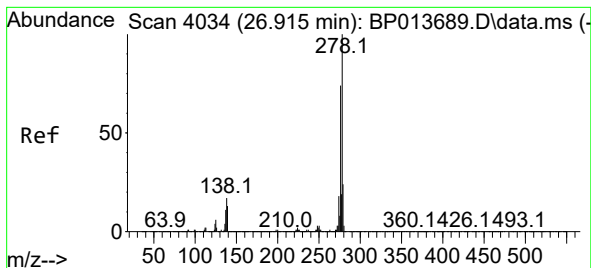
Ion Ratio Lower Upper

276 100

138 19.1 15.0 22.6

277 24.9 20.2 30.2





#95

Dibenzo(a,h)anthracene

Concen: 39.331 ng/ul

RT: 26.921 min Scan# 4034

Delta R.T. 0.005 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Instrument :

BNA_P

ClientSampleId :

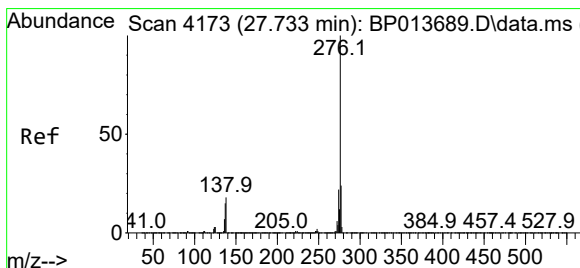
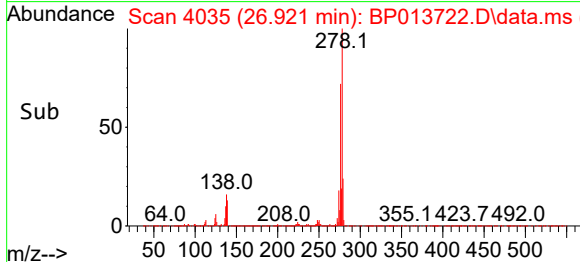
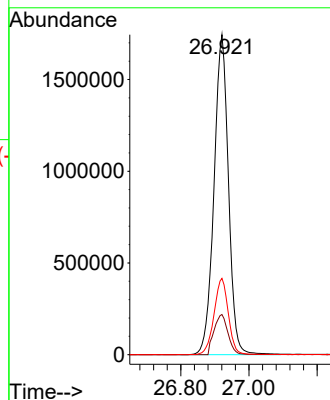
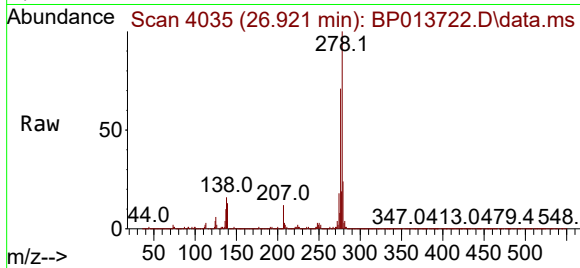
Tgt Ion:278 Resp: 5135571

Ion Ratio Lower Upper

278 100

139 12.6 10.2 15.4

279 23.9 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 39.462 ng/ul

RT: 27.738 min Scan# 4174

Delta R.T. 0.005 min

Lab File: BP013722.D

Acq: 02 Feb 2023 22:20

Tgt Ion:276 Resp: 4917016

Ion Ratio Lower Upper

276 100

138 17.0 14.3 21.5

277 23.8 19.2 28.8

