

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
 Data File : BP014736.D
 Acq On : 19 Apr 2023 18:23
 Operator : CG/JU
 Sample : PB152181BS
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS181

Quant Time: Apr 20 01:48:33 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP041823.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Apr 19 01:37:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.152	152	167104	20.000	ng/u1	0.00
20) Naphthalene-d8	10.981	136	672243	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.787	164	401679	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.534	188	857820	20.000	ng/u1	0.00
79) Chrysene-d12	21.610	240	817579	20.000	ng/u1	0.00
88) Perylene-d12	24.186	264	829930	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.487	96	23851	5.673	ng/uL	0.00
4) Pyridine-d5	3.917	84	246163	21.504	ng/u1	0.00
7) Phenol-d5	7.287	99	415477	28.757	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.469	67	256811	28.812	ng/u1	0.00
11) 2-Chlorophenol-d4	7.675	132	322599	30.065	ng/u1	0.00
15) 4-Methylphenol-d8	8.852	113	321228	28.520	ng/u1	0.00
21) Nitrobenzene-d5	9.322	128	139029	33.005	ng/u1	0.00
24) 2-Nitrophenol-d4	10.052	143	128243	33.707	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.593	165	319015	30.881	ng/u1	0.00
31) 4-Chloroaniline-d4	11.110	131	240838	15.274	ng/u1	0.00
46) Dimethylphthalate-d6	14.187	166	962082	30.249	ng/u1	0.00
49) Acenaphthylene-d8	14.481	160	1112538	30.183	ng/u1	0.00
54) 4-Nitrophenol-d4	14.951	143	150794	29.807	ng/u1	0.00
60) Fluorene-d10	15.775	176	820333	30.059	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.881	200	106347	30.635	ng/u1	0.00
73) Anthracene-d10	17.634	188	1266287	30.557	ng/u1	0.00
81) Pyrene-d10	19.845	212	1451556	30.993	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.016	264	1383220	32.157	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.523	88	50746	11.175	ng/uL	95
5) Pyridine	3.934	79	318701	27.749	ng/u1	97
6) Benzaldehyde	7.281	77	222772	31.173	ng/u1	94
8) Phenol	7.316	94	439711	29.157	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.563	93	353140	28.880	ng/u1	99
12) 2-Chlorophenol	7.711	128	342774	30.549	ng/u1	98
13) 2-Methylphenol	8.587	108	319012	28.264	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.687	45	441081	28.252	ng/u1	98
16) Acetophenone	8.981	105	544521	29.063	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.963	70	256495	28.147	ng/u1	97
18) 4-Methylphenol	8.916	108	351042	28.622	ng/u1	97
19) Hexachloroethane	9.252	117	142063	30.057	ng/u1	98
22) Nitrobenzene	9.369	77	362890	31.705	ng/u1	98
23) Isophorone	9.893	82	731217	28.293	ng/u1	99
25) 2-Nitrophenol	10.087	139	155632	34.439	ng/u1	99
26) 2,4-Dimethylphenol	10.134	107	362092	28.737	ng/u1	100
27) Bis(2-Chloroethoxy)met...	10.375	93	463242	28.930	ng/u1	99
29) 2,4-Dichlorophenol	10.616	162	319655	30.657	ng/u1	97
30) Naphthalene	11.034	128	1120050	29.729	ng/u1	100
32) 4-Chloroaniline	11.134	127	349283	21.867	ng/u1	97
33) Hexachlorobutadiene	11.322	225	222325	30.145	ng/u1	98
34) Caprolactam	11.893	113	88815	28.130	ng/u1	98
35) 4-Chloro-3-methylphenol	12.234	107	326718	29.982	ng/u1	98
36) 2-Methylnaphthalene	12.628	142	733478	29.162	ng/u1	99

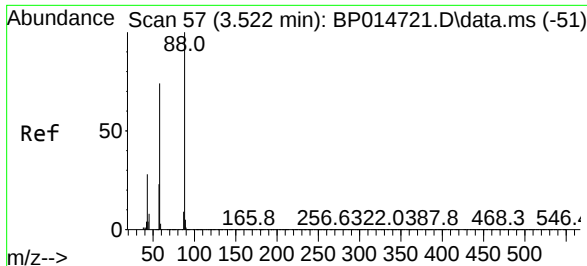
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP041923\
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.846	142	741913	29.754	ng/u1	98
39) 1,2,4,5-Tetrachloroben...	12.987	216	416675	30.825	ng/u1	97
40) Hexachlorocyclopentadiene	12.969	237	216862	28.354	ng/u1	100
41) 2,4,6-Trichlorophenol	13.222	196	232355	30.348	ng/u1	98
42) 2,4,5-Trichlorophenol	13.287	196	258442	31.202	ng/u1	99
43) 1,1'-Biphenyl	13.622	154	995392	30.560	ng/u1	99
44) 2-Chloronaphthalene	13.669	162	780277	30.658	ng/u1	100
45) 2-Nitroaniline	13.863	65	166664	34.593	ng/u1	99
47) Dimethylphthalate	14.234	163	963547	30.076	ng/u1	100
48) 2,6-Dinitrotoluene	14.351	165	152112	34.810	ng/u1	93
50) Acenaphthylene	14.510	152	1207029	30.215	ng/u1	99
51) 3-Nitroaniline	14.681	138	157475	31.684	ng/u1	98
52) Acenaphthene	14.851	153	823666	30.240	ng/u1	99
53) 2,4-Dinitrophenol	14.881	184	59333	28.062	ng/u1	97
55) 4-Nitrophenol	14.969	109	131254	31.629	ng/u1	97
56) Dibenzofuran	15.181	168	1163833	30.360	ng/u1	98
57) 2,4-Dinitrotoluene	15.134	165	227189	35.434	ng/u1	93
58) 2,3,4,6-Tetrachlorophenol	15.398	232	205405	29.204	ng/u1	95
59) Diethylphthalate	15.592	149	951739	30.616	ng/u1	99
61) Fluorene	15.828	166	968390	30.947	ng/u1	100
62) 4-Chlorophenyl-phenyle...	15.822	204	492897	30.804	ng/u1	97
63) 4-Nitroaniline	15.840	138	188050	37.855	ng/u1	97
66) 4,6-Dinitro-2-methylph...	15.892	198	113482	30.707	ng/u1	93
67) N-Nitrosodiphenylamine	16.034	169	794824	31.094	ng/u1	99
68) 4-Bromophenyl-phenylether	16.716	248	299069	31.108	ng/u1	97
69) Hexachlorobenzene	16.834	284	339013	30.392	ng/u1	98
70) Atrazine	16.975	200	28609	3.151	ng/u1	99
71) Pentachlorophenol	17.175	266	154245	25.402	ng/u1	97
72) Phenanthrene	17.581	178	1485864	30.734	ng/u1	99
74) Anthracene	17.669	178	1494801	30.498	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.593	216	412337	30.783	ng/uL	99
76) Pentachlorobenzene	15.098	250	411726	31.163	ng/uL	100
77) Carbazole	17.928	167	1327839	30.860	ng/u1	100
78) Di-n-butylphthalate	18.469	149	1543644	31.601	ng/u1	100
80) Fluoranthene	19.522	202	1722502	31.611	ng/u1	99
82) Pyrene	19.875	202	1822415	31.605	ng/u1	98
83) Butylbenzylphthalate	20.733	149	506084	32.149	ng/u1	99
84) 3,3'-Dichlorobenzidine	21.516	252	493223	26.946	ng/u1	99
85) Benzo(a)anthracene	21.592	228	1769499	31.136	ng/u1	100
86) Bis(2-ethylhexyl)phtha...	21.498	149	842063	31.711	ng/u1	98
87) Chrysene	21.651	228	1682080	31.265	ng/u1	99
89) Di-n-octyl phthalate	22.486	149	1344677	29.946	ng/u1	100
90) Benzo(b)fluoranthene	23.392	252	1742307	32.227	ng/u1	100
91) Benzo(k)fluoranthene	23.445	252	1803597	33.357	ng/u1	100
93) Benzo(a)pyrene	24.074	252	1564922	32.593	ng/u1	98
94) Indeno(1,2,3-cd)pyrene	26.910	276	2023192	32.375	ng/u1	99
95) Dibenzo(a,h)anthracene	26.927	278	1699185	32.468	ng/u1	98
96) Benzo(g,h,i)perylene	27.745	276	1619420	32.401	ng/u1	99

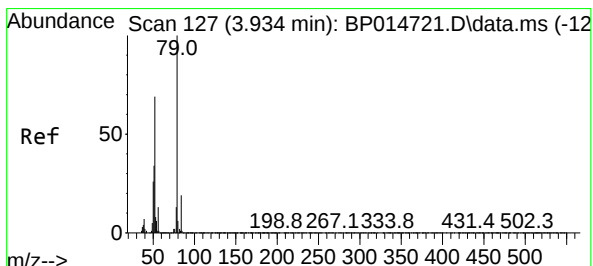
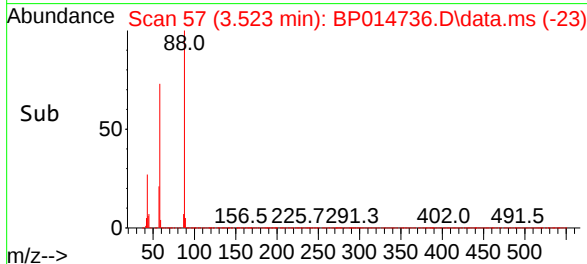
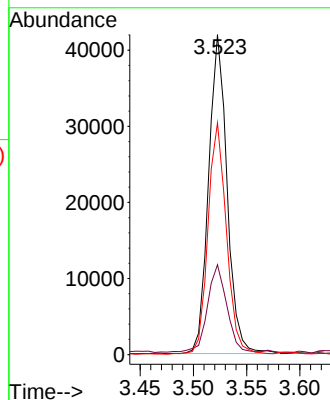
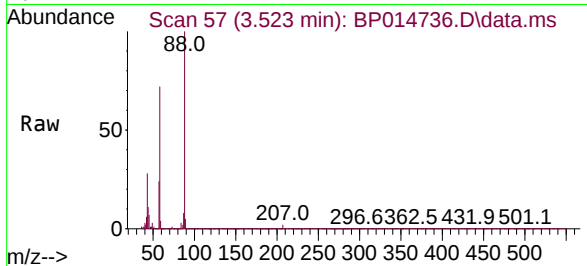
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#2
1,4-Dioxane
Concen: 11.175 ng/uL
RT: 3.523 min Scan# 51
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

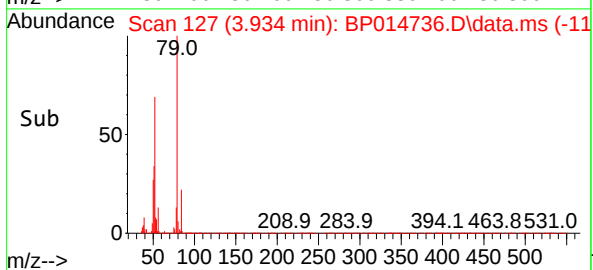
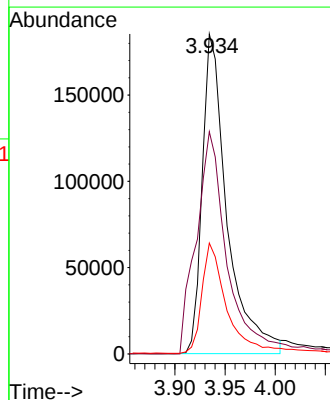
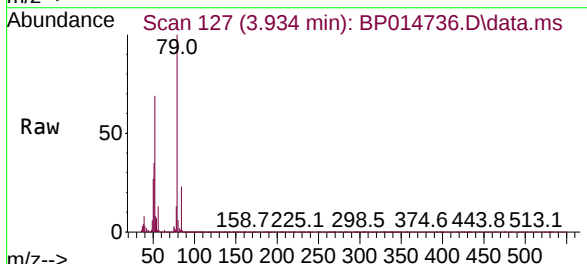
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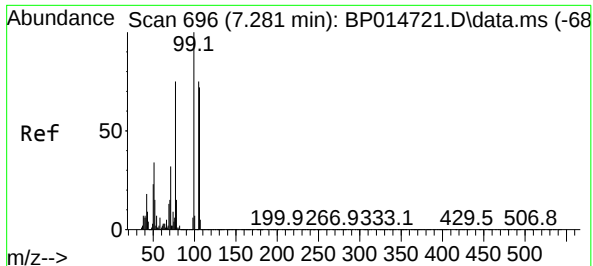
Tgt Ion: 88	Resp: 50746
Ion Ratio	Lower Upper
88 100	
43 28.1	25.0 37.6
58 72.4	54.9 82.3



#5
Pyridine
Concen: 27.749 ng/uL
RT: 3.934 min Scan# 127
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion: 79	Resp: 318701
Ion Ratio	Lower Upper
79 100	
52 69.4	58.3 87.5
51 34.6	27.8 41.6

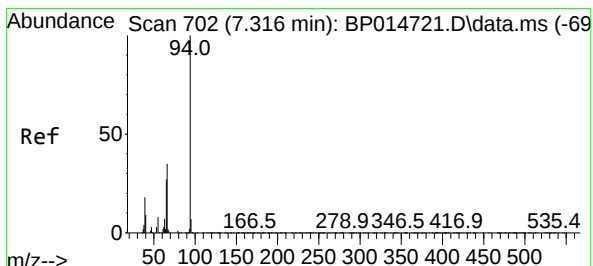
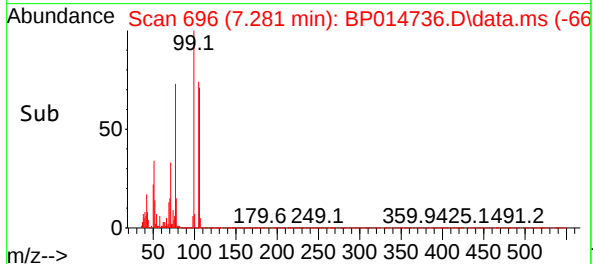
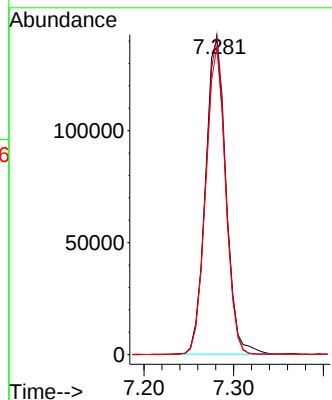
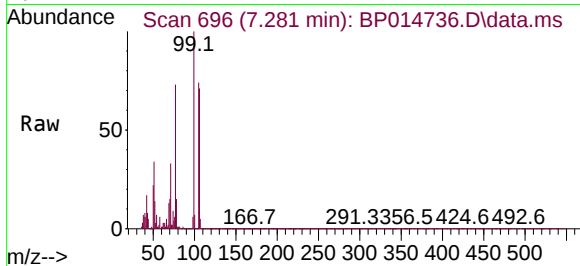




#6
Benzaldehyde
Concen: 31.173 ng/ul
RT: 7.281 min Scan# 696
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

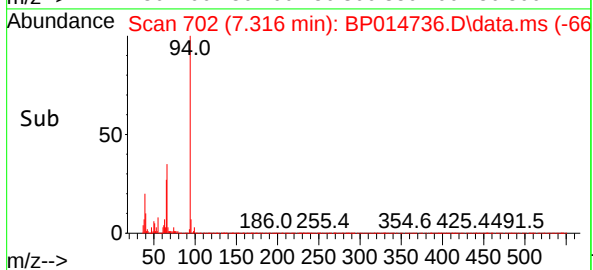
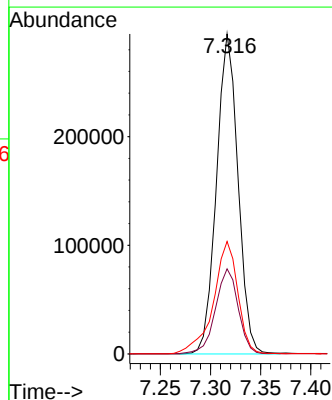
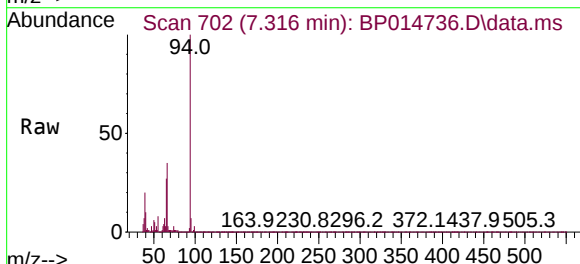
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ClientSampleId :
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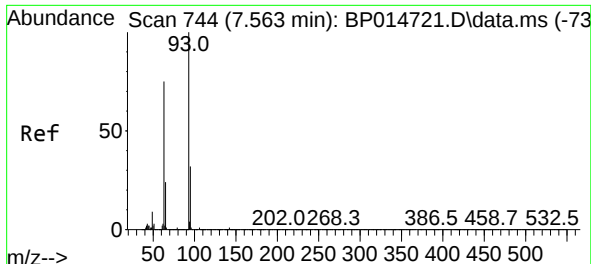
Tgt Ion: 77 Resp: 222772
Ion Ratio Lower Upper
77 100
105 101.5 76.6 114.8
106 97.6 73.3 109.9



#8
Phenol
Concen: 29.157 ng/ul
RT: 7.316 min Scan# 702
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion: 94 Resp: 439711
Ion Ratio Lower Upper
94 100
65 26.6 21.4 32.0
66 35.1 29.2 43.8





#10

Bis(2-Chloroethyl)ether

Concen: 28.880 ng/ul

RT: 7.563 min Scan# 744

Delta R.T. -0.000 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

Instrument :

BNA_P

ClientSampleId :

SLCS181

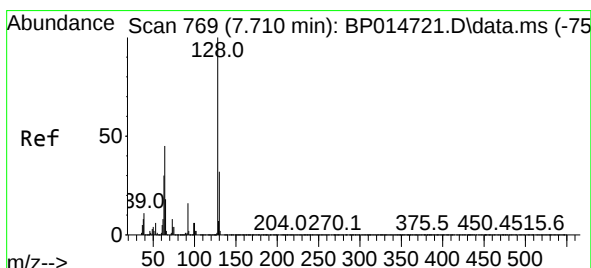
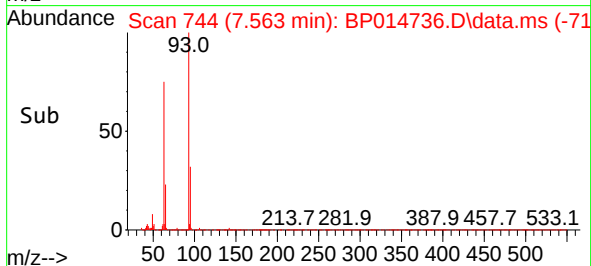
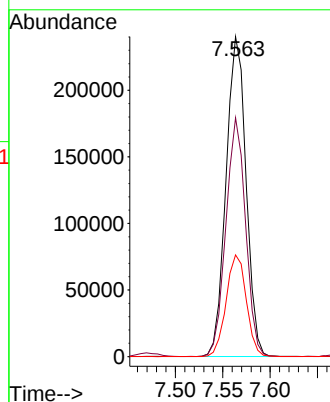
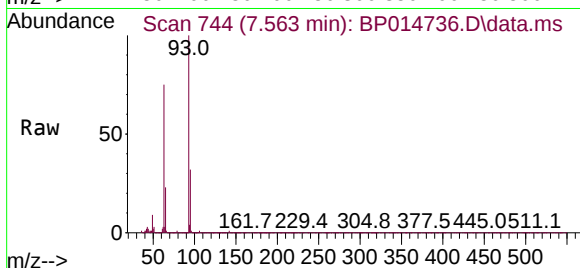
Tgt Ion: 93 Resp: 353140

Ion Ratio Lower Upper

93 100

63 74.6 59.1 88.7

95 31.8 25.1 37.7



#12

2-Chlorophenol

Concen: 30.549 ng/ul

RT: 7.711 min Scan# 769

Delta R.T. -0.000 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

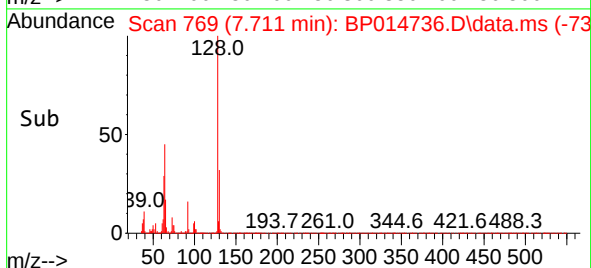
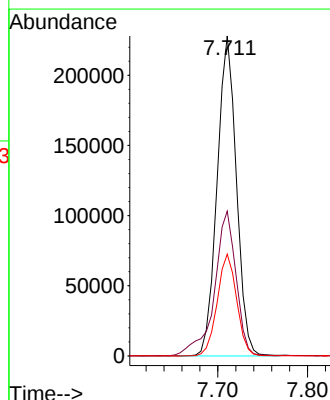
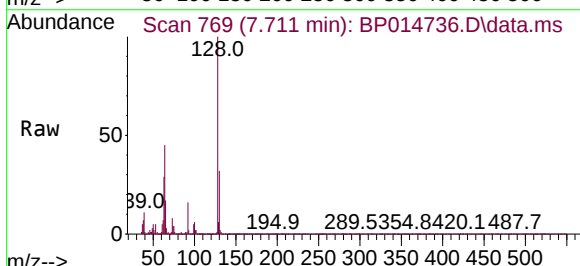
Tgt Ion:128 Resp: 342774

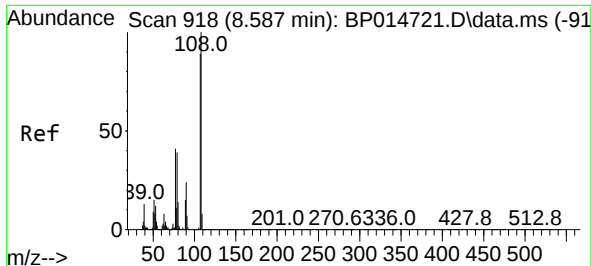
Ion Ratio Lower Upper

128 100

64 45.2 37.5 56.3

130 31.8 25.8 38.6

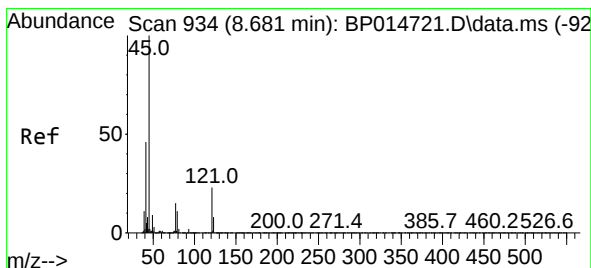
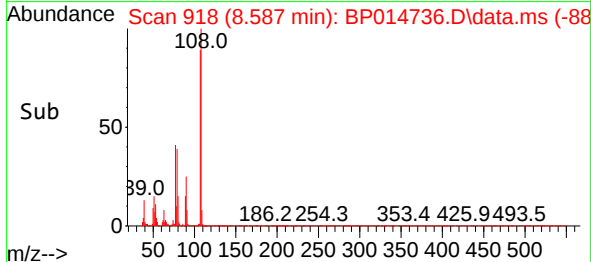
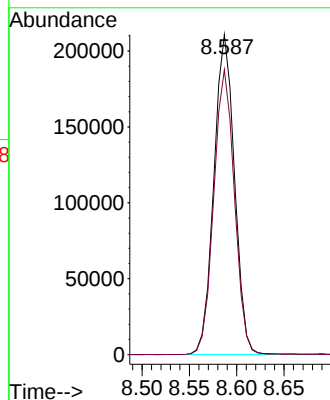
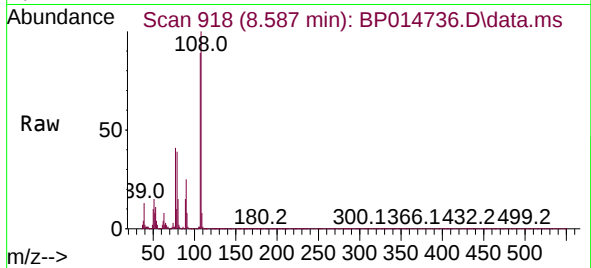




#13
2-Methylphenol
Concen: 28.264 ng/ul
RT: 8.587 min Scan# 918
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

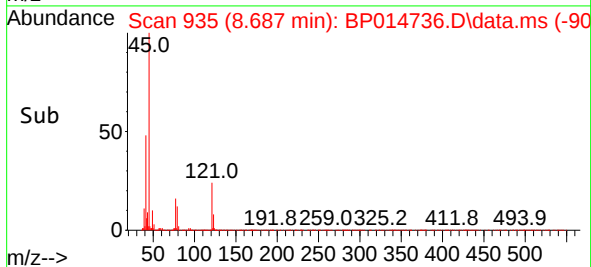
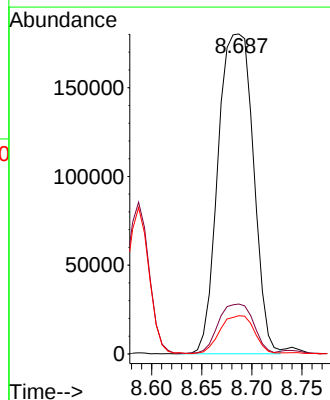
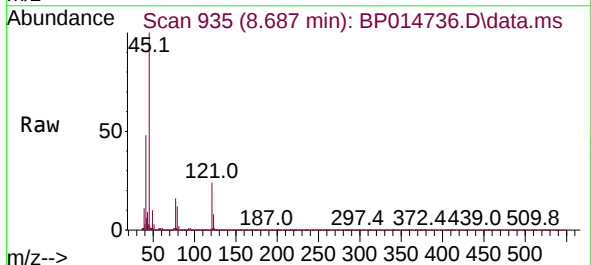
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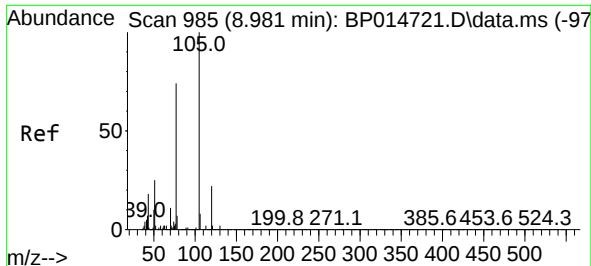
Tgt Ion:108 Resp: 319012
Ion Ratio Lower Upper
108 100
107 89.0 70.4 105.6



#14
2,2'-oxybis(1-Chloropropane)
Concen: 28.252 ng/ul
RT: 8.687 min Scan# 935
Delta R.T. -0.006 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion: 45 Resp: 441081
Ion Ratio Lower Upper
45 100
77 15.6 11.6 17.4
79 11.9 9.2 13.8

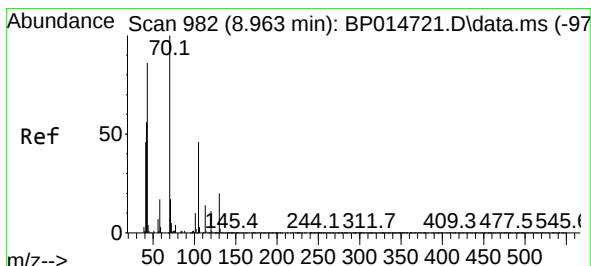
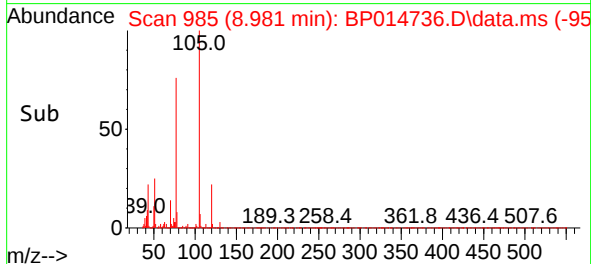
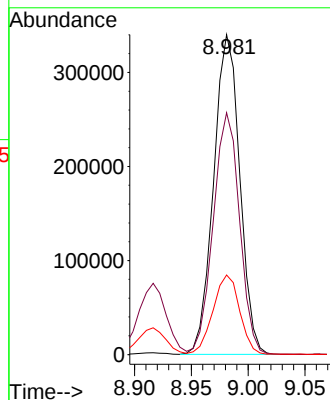
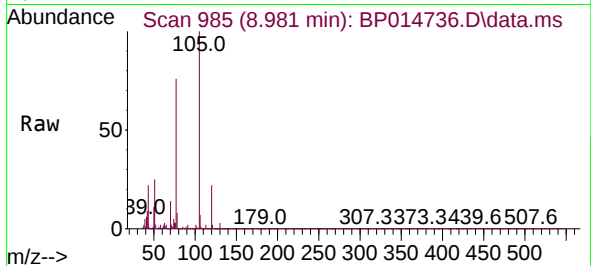




#16
Acetophenone
Concen: 29.063 ng/ul
RT: 8.981 min Scan# 985
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

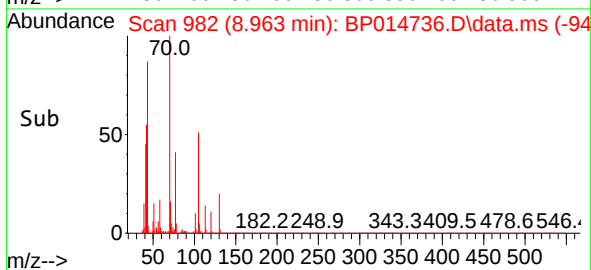
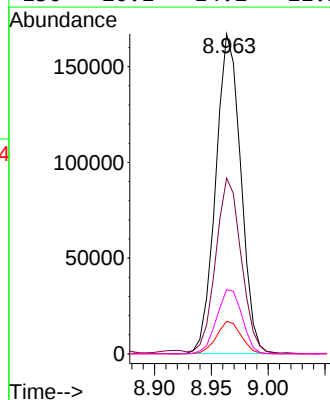
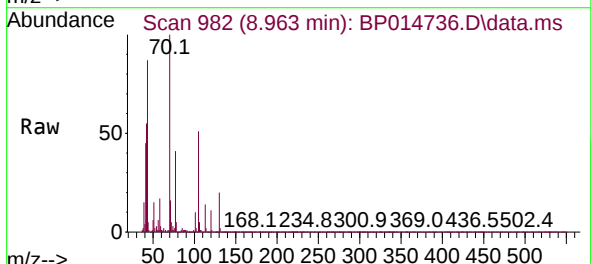
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ClientSampleId :
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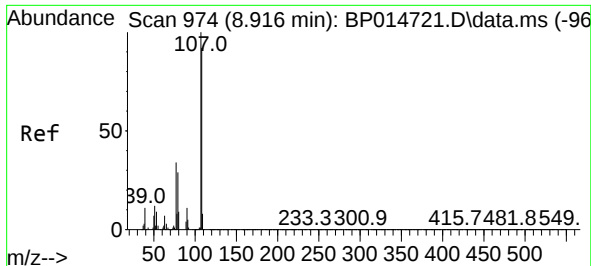
Tgt Ion:105 Resp: 544521
Ion Ratio Lower Upper
105 100
77 75.6 60.6 91.0
51 24.9 20.8 31.2



#17
N-Nitroso-di-n-propylamine
Concen: 28.147 ng/ul
RT: 8.963 min Scan# 982
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion: 70 Resp: 256495
Ion Ratio Lower Upper
70 100
42 54.9 42.9 64.3
101 10.2 7.6 11.4
130 20.1 14.2 21.2

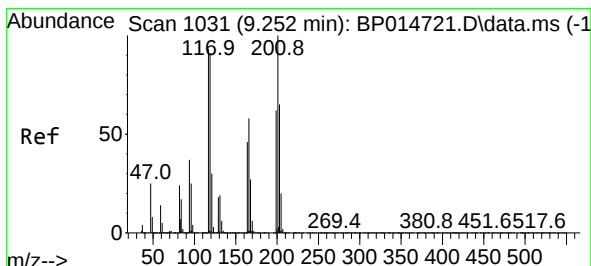
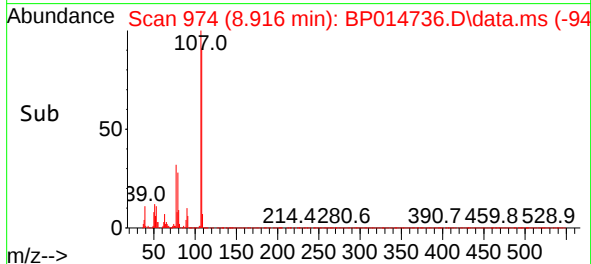
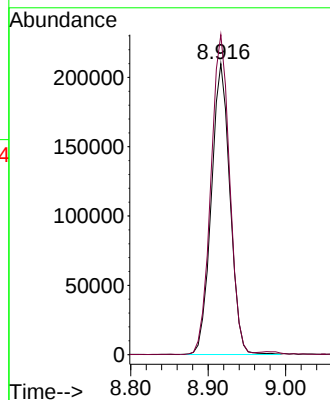
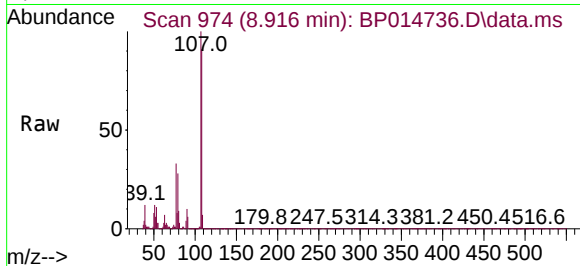




#18
4-Methylphenol
Concen: 28.622 ng/ul
RT: 8.916 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

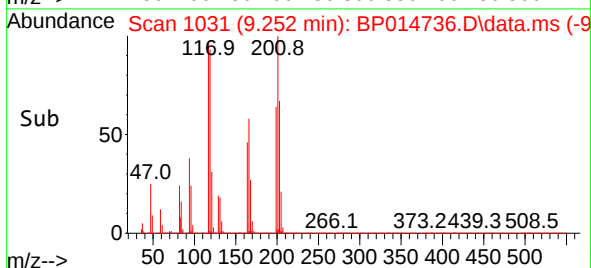
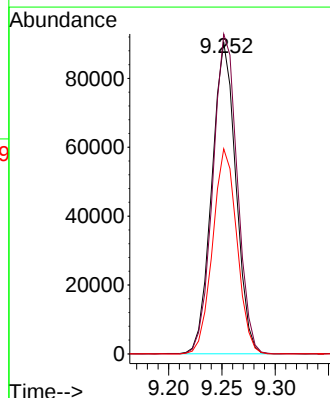
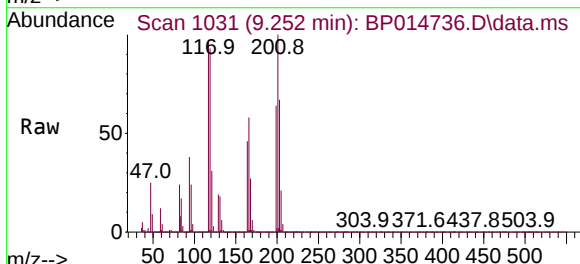
Instrument :
BNA_P
ClientSampleId :
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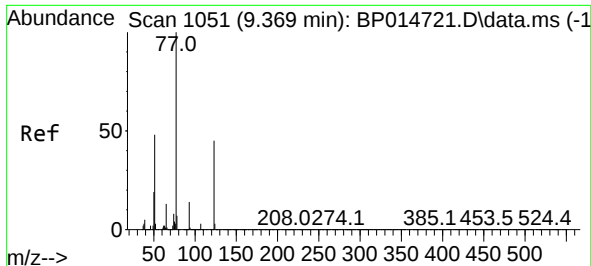
Tgt Ion:108 Resp: 351042
Ion Ratio Lower Upper
108 100
107 110.0 90.8 136.2



#19
Hexachloroethane
Concen: 30.057 ng/ul
RT: 9.252 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:117 Resp: 142063
Ion Ratio Lower Upper
117 100
201 102.7 81.0 121.4
199 65.8 51.5 77.3

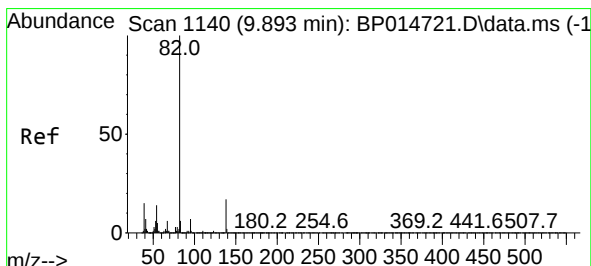
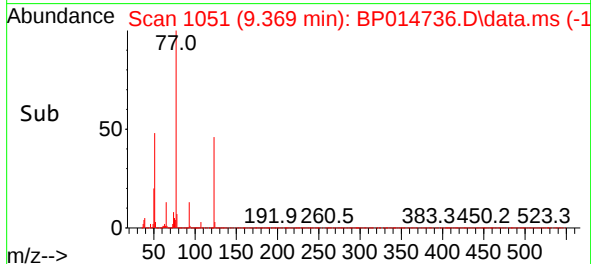
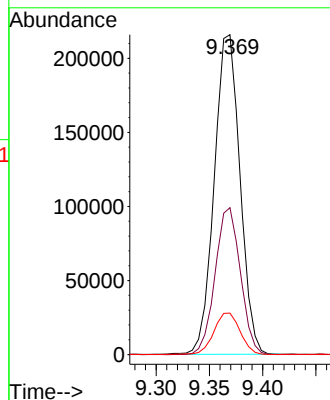
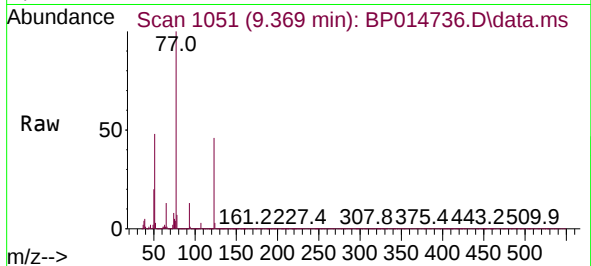




#22
Nitrobenzene
Concen: 31.705 ng/ul
RT: 9.369 min Scan# 1051
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

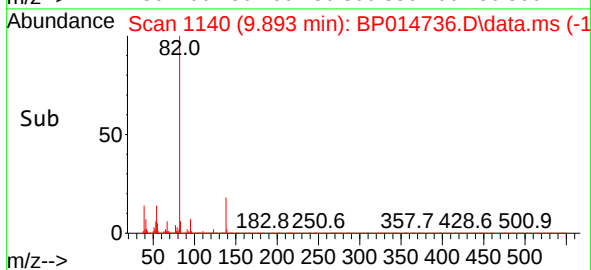
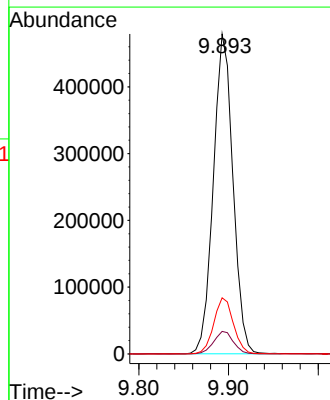
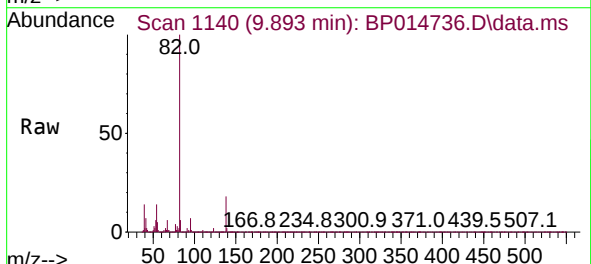
Instrument :
BNA_P
ClientSampleId :
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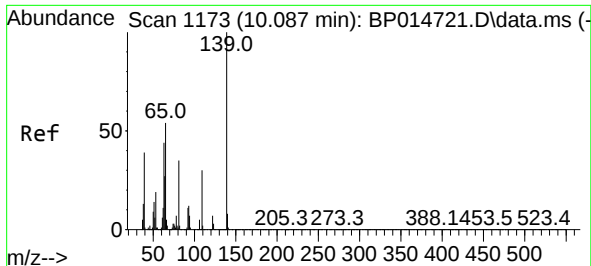
Tgt Ion: 77 Resp: 362890
Ion Ratio Lower Upper
77 100
123 45.9 35.4 53.2
65 13.0 10.8 16.2



#23
Isophorone
Concen: 28.293 ng/ul
RT: 9.893 min Scan# 1140
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion: 82 Resp: 731217
Ion Ratio Lower Upper
82 100
95 7.0 5.8 8.8
138 17.5 13.6 20.4

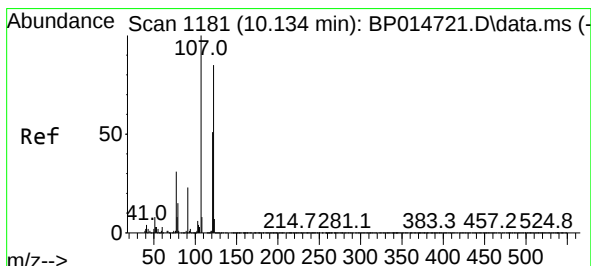
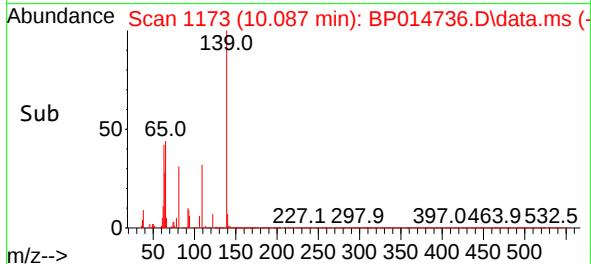
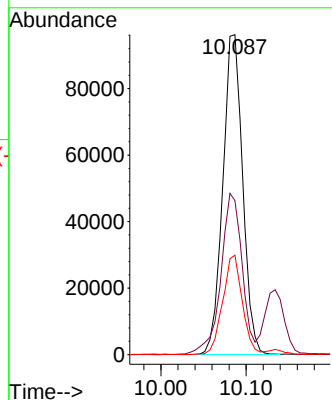
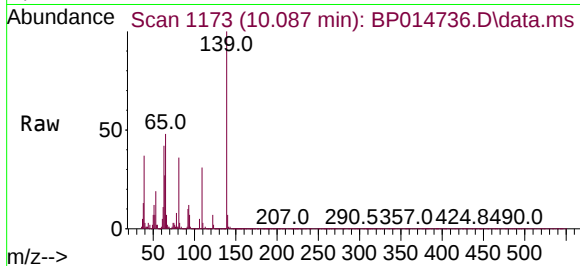




#25
2-Nitrophenol
Concen: 34.439 ng/ul
RT: 10.087 min Scan# 1173
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

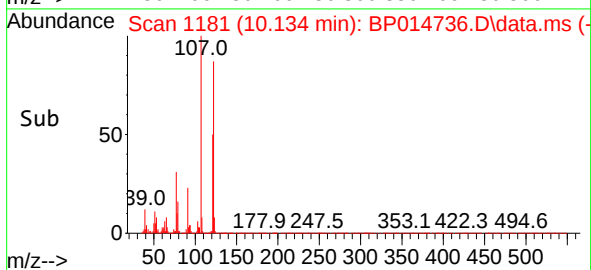
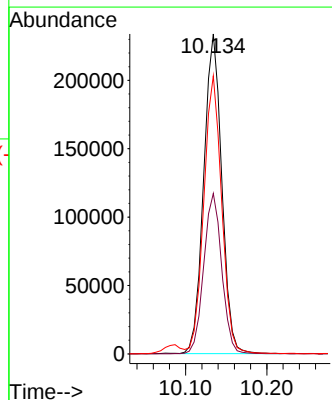
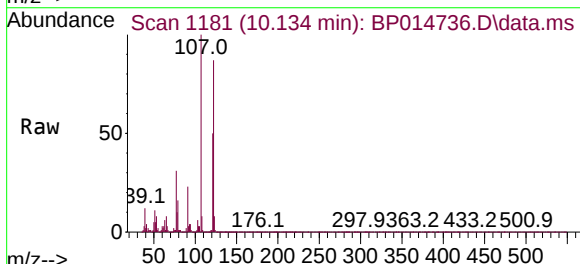
Instrument :
BNA_P
ClientSampleId :
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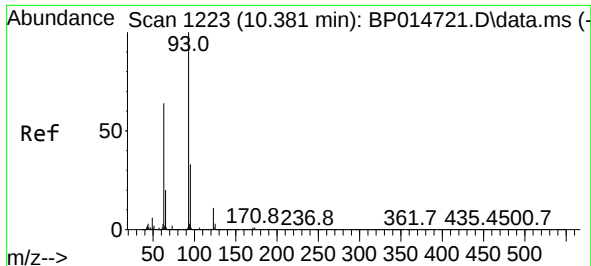
Tgt Ion:139 Resp: 155632
Ion Ratio Lower Upper
139 100
65 48.1 39.4 59.2
109 31.1 24.6 37.0



#26
2,4-Dimethylphenol
Concen: 28.737 ng/ul
RT: 10.134 min Scan# 1181
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:107 Resp: 362092
Ion Ratio Lower Upper
107 100
121 50.1 40.2 60.2
122 86.9 69.2 103.8

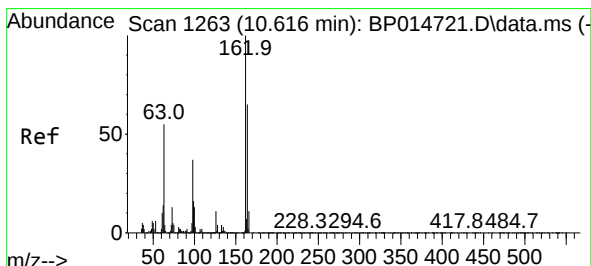
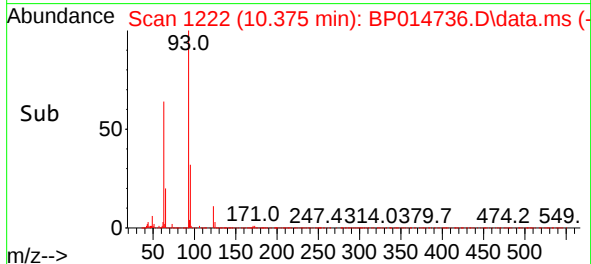
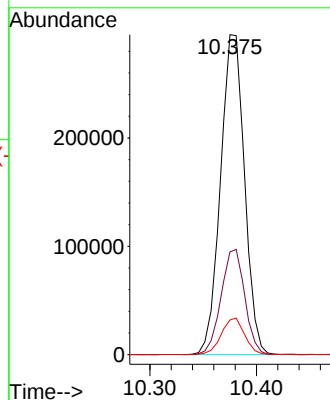
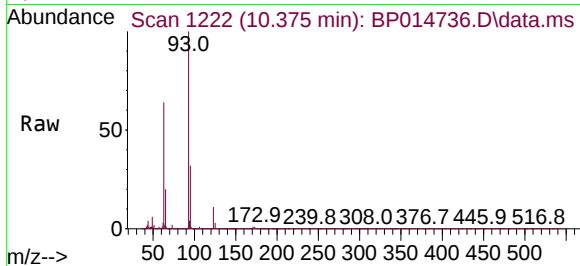




#27
 Bis(2-Chloroethoxy)methane
 Concen: 28.930 ng/ul
 RT: 10.375 min Scan# 1222
 Delta R.T. -0.006 min
 Lab File: BP014736.D
 Acq: 19 Apr 2023 18:23

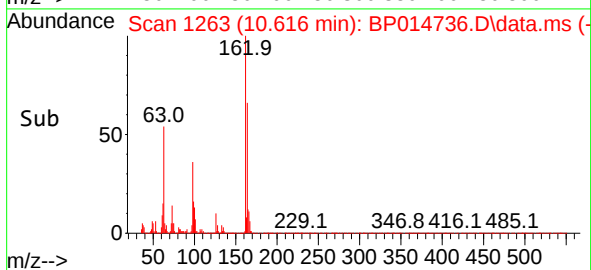
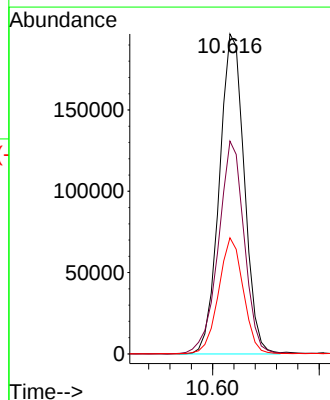
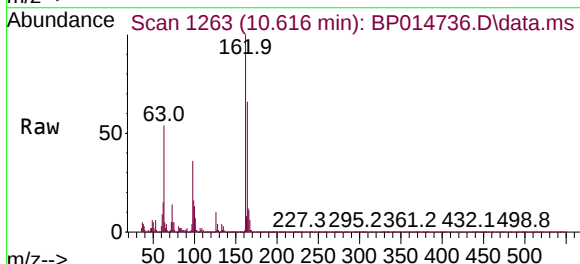
Instrument :
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 ClientSampleId :
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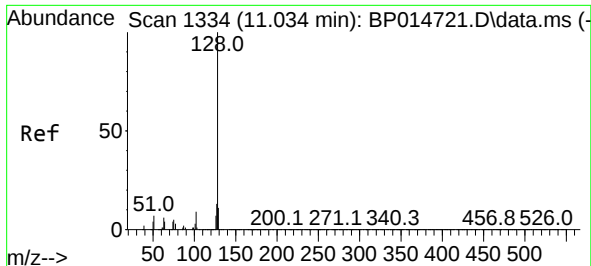
Tgt Ion: 93 Resp: 463242
 Ion Ratio Lower Upper
 93 100
 95 32.1 25.9 38.9
 123 10.9 9.0 13.6



#29
 2,4-Dichlorophenol
 Concen: 30.657 ng/ul
 RT: 10.616 min Scan# 1263
 Delta R.T. -0.000 min
 Lab File: BP014736.D
 Acq: 19 Apr 2023 18:23

Tgt Ion: 162 Resp: 319655
 Ion Ratio Lower Upper
 162 100
 164 66.5 50.6 76.0
 98 36.3 28.8 43.2

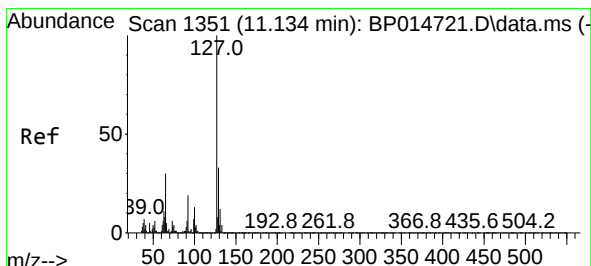
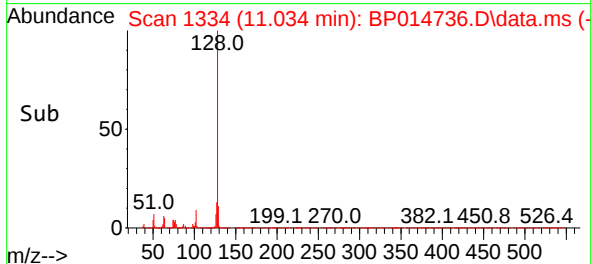
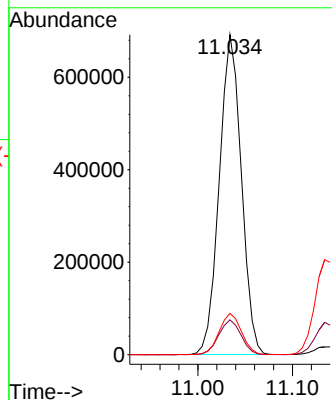
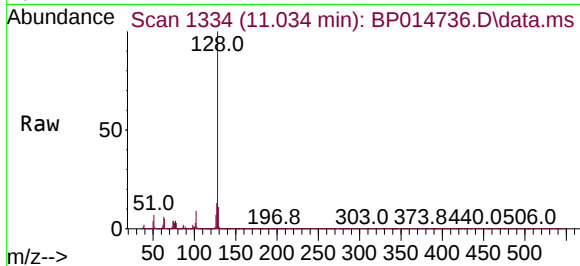




#30
Naphthalene
Concen: 29.729 ng/ul
RT: 11.034 min Scan# 1334
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

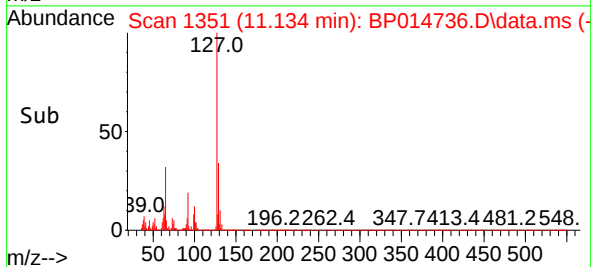
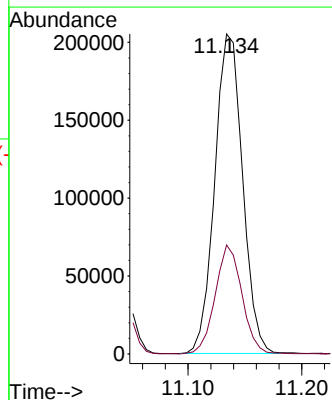
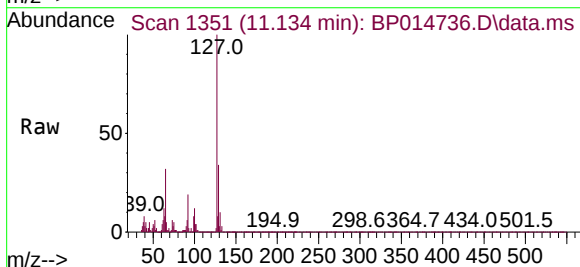
Instrument :
BNA_P
ClientSampleId :
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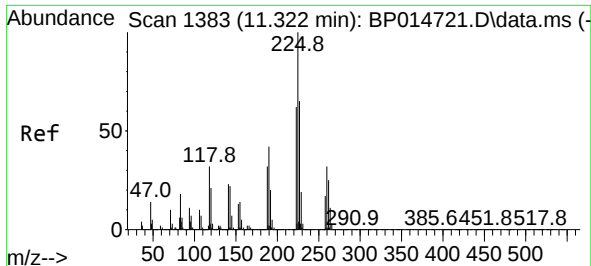
Tgt Ion:128 Resp: 1120050
Ion Ratio Lower Upper
128 100
129 10.9 8.9 13.3
127 12.9 10.4 15.6



#32
4-Chloroaniline
Concen: 21.867 ng/ul
RT: 11.134 min Scan# 1351
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:127 Resp: 349283
Ion Ratio Lower Upper
127 100
129 34.0 26.0 39.0

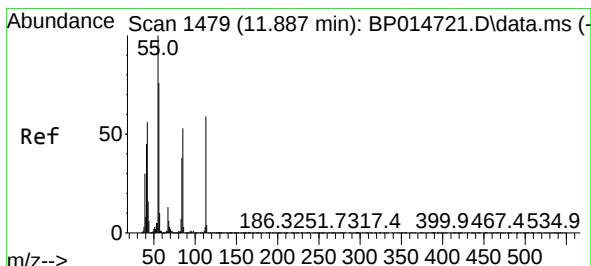
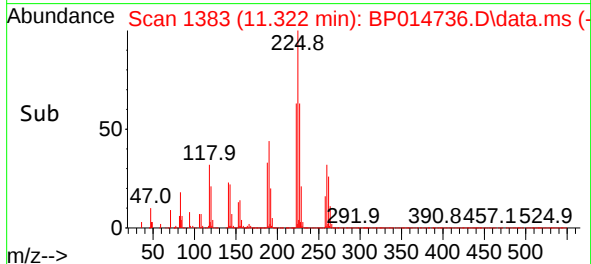
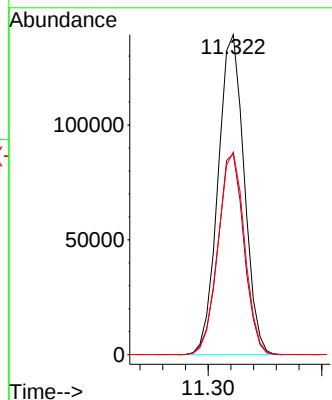
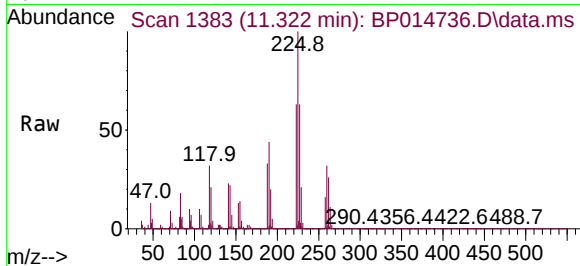




#33
Hexachlorobutadiene
Concen: 30.145 ng/ul
RT: 11.322 min Scan# 1383
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

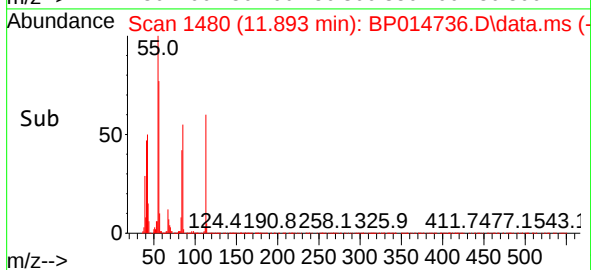
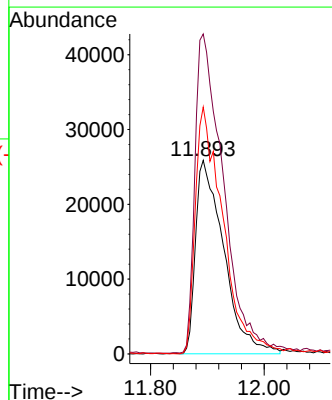
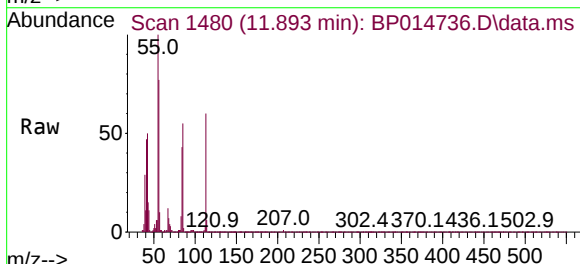
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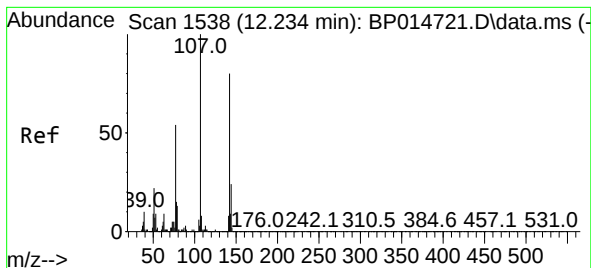
Tgt Ion:225 Resp: 222325
Ion Ratio Lower Upper
225 100
223 62.7 49.2 73.8
227 63.3 49.4 74.2



#34
Caprolactam
Concen: 28.130 ng/ul
RT: 11.893 min Scan# 1480
Delta R.T. 0.006 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:113 Resp: 88815
Ion Ratio Lower Upper
113 100
55 165.4 135.4 203.0
56 127.6 101.0 151.4

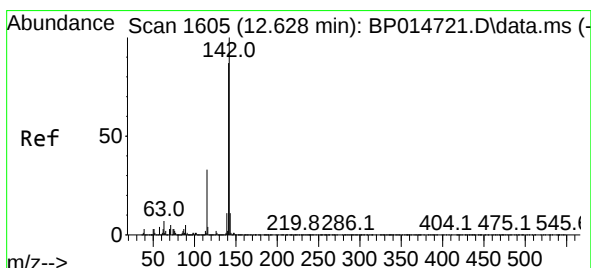
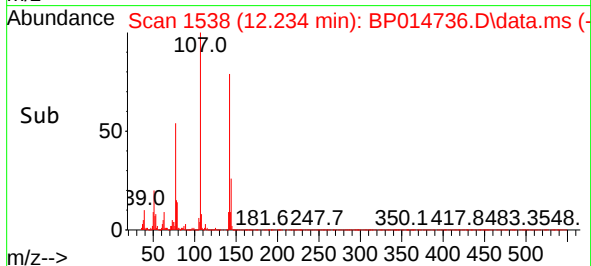
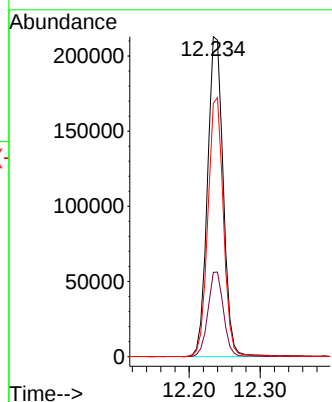
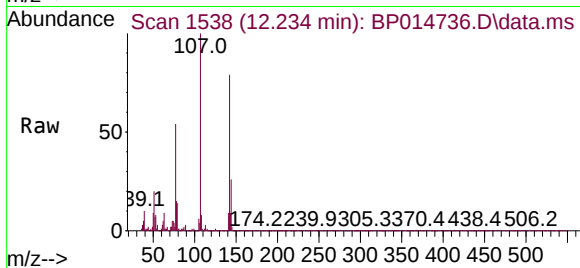




#35
4-Chloro-3-methylphenol
Concen: 29.982 ng/ul
RT: 12.234 min Scan# 1538
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

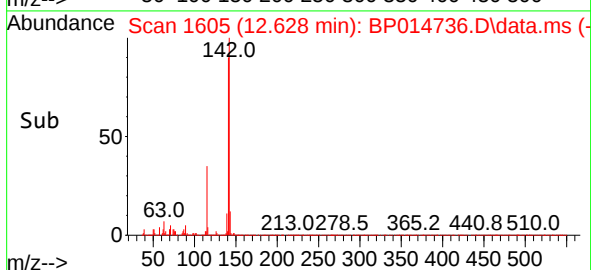
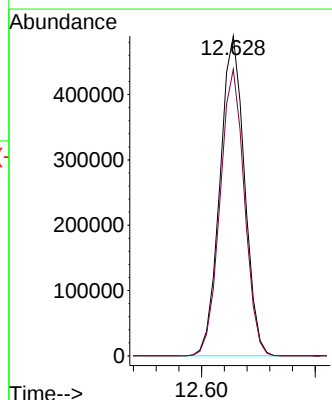
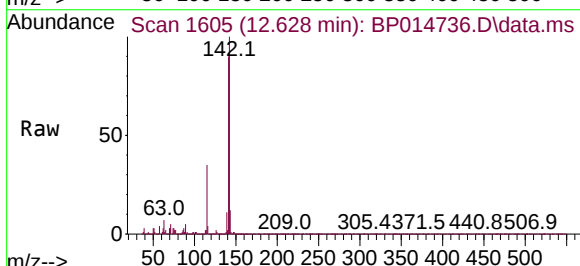
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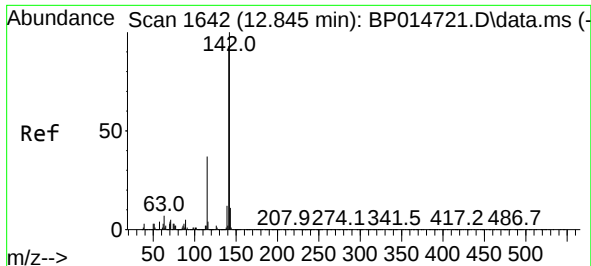
Tgt Ion:107 Resp: 326718
Ion Ratio Lower Upper
107 100
144 26.3 20.5 30.7
142 79.2 61.9 92.9



#36
2-Methylnaphthalene
Concen: 29.162 ng/ul
RT: 12.628 min Scan# 1605
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:142 Resp: 733478
Ion Ratio Lower Upper
142 100
141 89.6 70.9 106.3

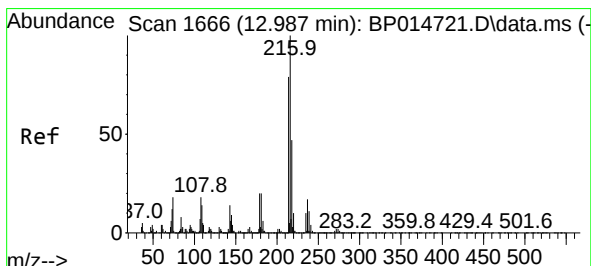
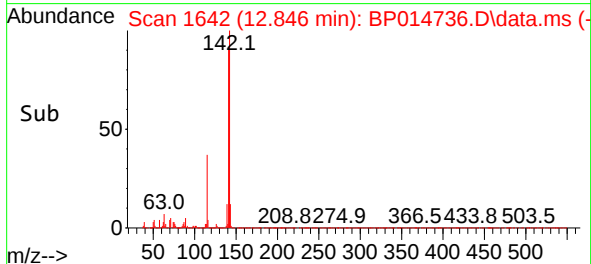
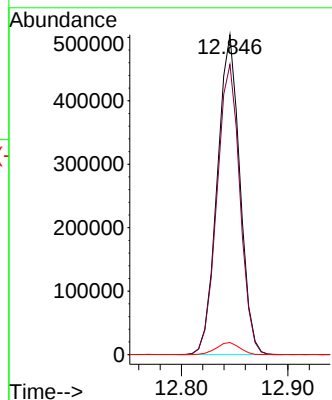
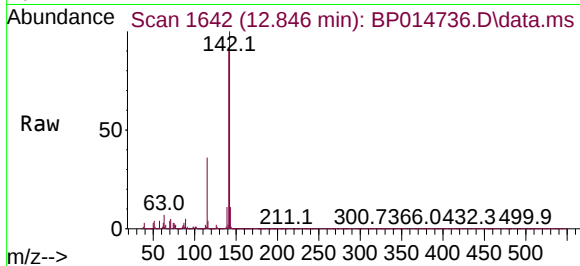




#37
1-Methylnaphthalene
Concen: 29.754 ng/ul
RT: 12.846 min Scan# 1642
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

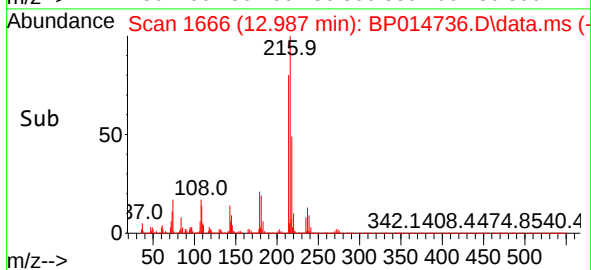
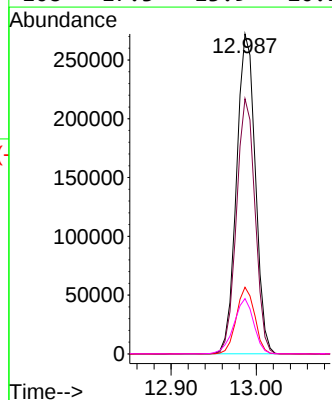
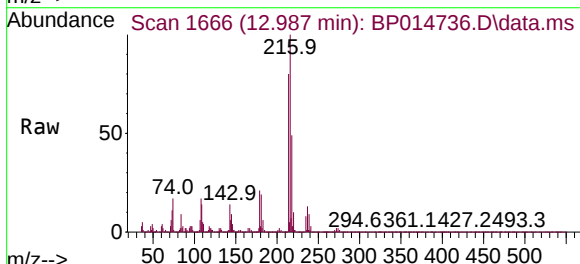
Instrument :
BNA_P
ClientSampleId :
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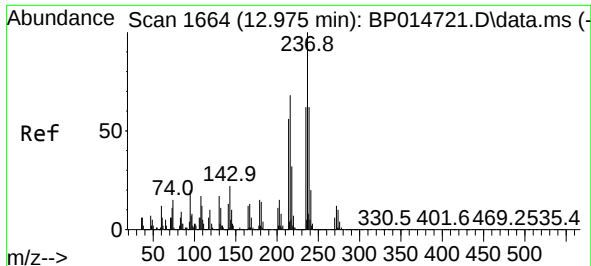
Tgt Ion:142 Resp: 741913
Ion Ratio Lower Upper
142 100
141 90.7 73.8 110.6
116 3.8 3.3 4.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 30.825 ng/ul
RT: 12.987 min Scan# 1666
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:216 Resp: 416675
Ion Ratio Lower Upper
216 100
214 79.7 61.7 92.5
179 20.8 15.5 23.3
108 17.3 13.9 20.9

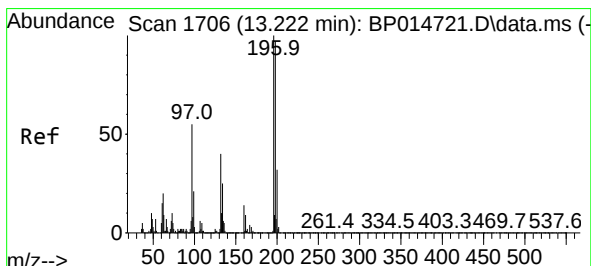
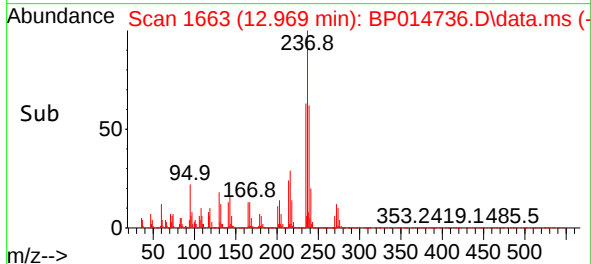
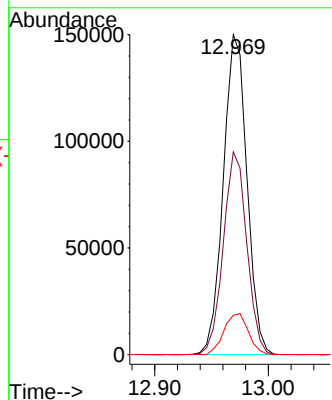
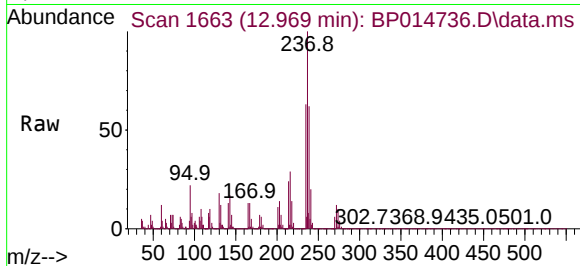




#40
Hexachlorocyclopentadiene
Concen: 28.354 ng/ul
RT: 12.969 min Scan# 1663
Delta R.T. -0.006 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

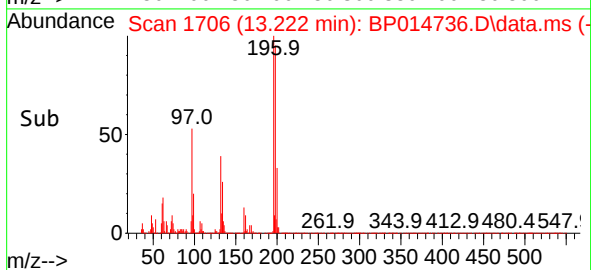
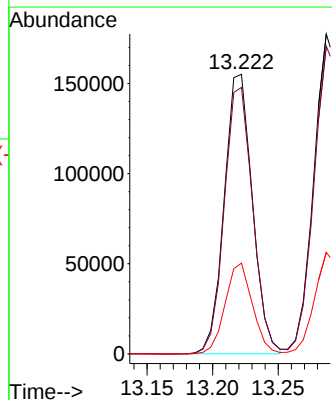
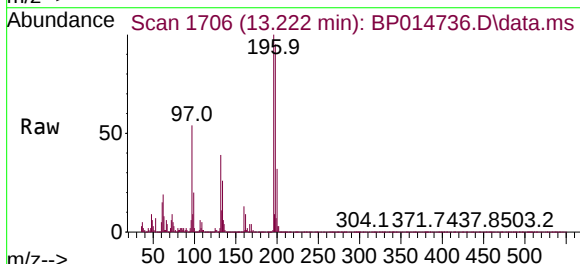
Instrument :
BNA_P
ClientSampleId :
SLCS181

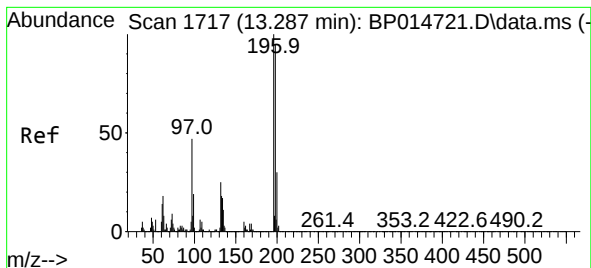
Tgt Ion:237 Resp: 216862
Ion Ratio Lower Upper
237 100
235 63.4 50.6 76.0
272 12.9 10.6 15.8



#41
2,4,6-Trichlorophenol
Concen: 30.348 ng/ul
RT: 13.222 min Scan# 1706
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:196 Resp: 232355
Ion Ratio Lower Upper
196 100
198 95.3 77.8 116.8
200 32.5 25.7 38.5





#42

2,4,5-Trichlorophenol

Concen: 31.202 ng/ul

RT: 13.287 min Scan# 1717

Delta R.T. -0.000 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

Instrument :

BNA_P

ClientSampleId :

SLCS181

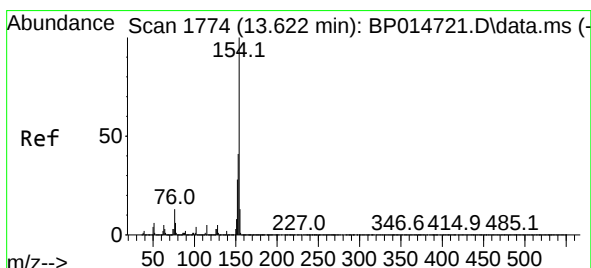
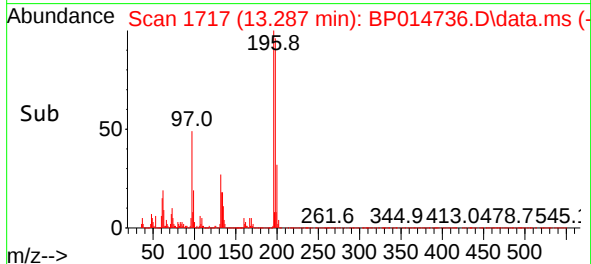
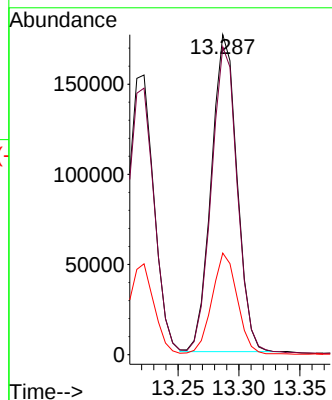
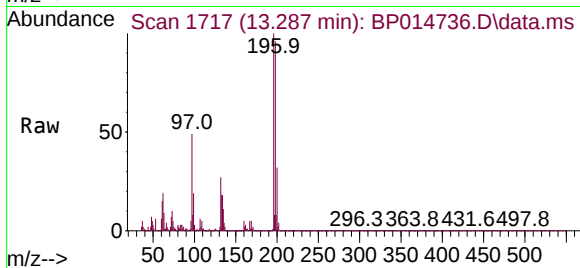
Tgt Ion:196 Resp: 258442

Ion Ratio Lower Upper

196 100

198 96.2 78.0 117.0

200 31.7 24.7 37.1



#43

1,1'-Biphenyl

Concen: 30.560 ng/ul

RT: 13.622 min Scan# 1774

Delta R.T. -0.000 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

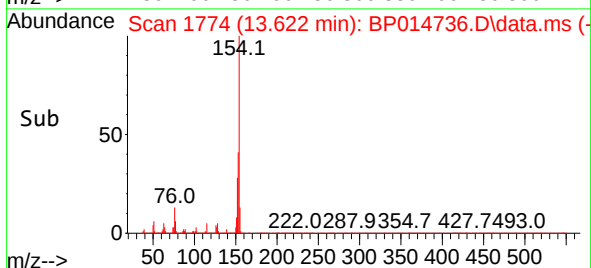
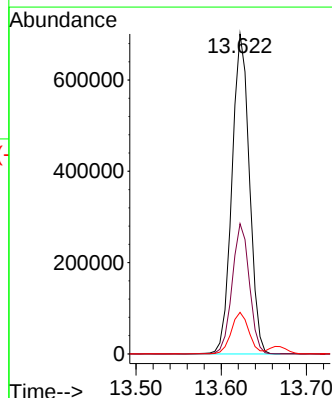
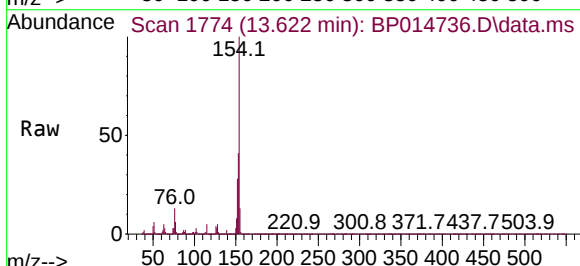
Tgt Ion:154 Resp: 995392

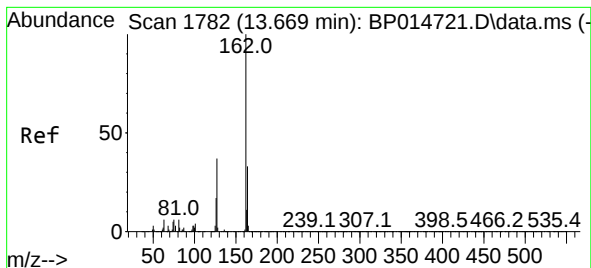
Ion Ratio Lower Upper

154 100

153 40.7 31.9 47.9

76 13.0 10.8 16.2





#44

2-Chloronaphthalene

Concen: 30.658 ng/ul

RT: 13.669 min Scan# 11

Delta R.T. -0.000 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

Instrument :

BNA_P

ClientSampleId :

SLCS181

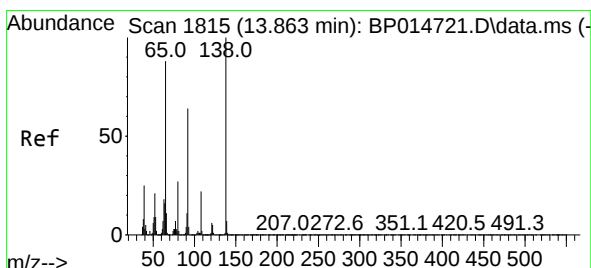
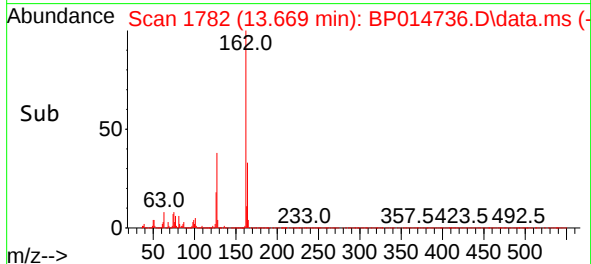
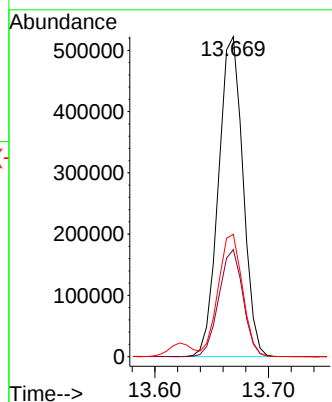
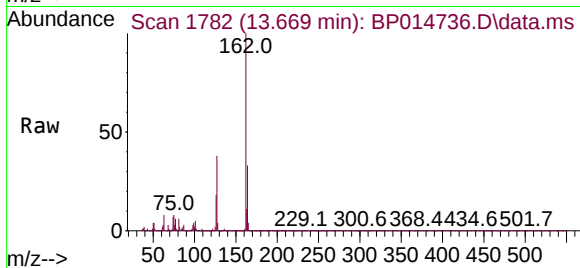
Tgt Ion:162 Resp: 780277

Ion Ratio Lower Upper

162 100

164 33.4 26.6 39.8

127 38.2 30.5 45.7



#45

2-Nitroaniline

Concen: 34.593 ng/ul

RT: 13.863 min Scan# 1815

Delta R.T. -0.000 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

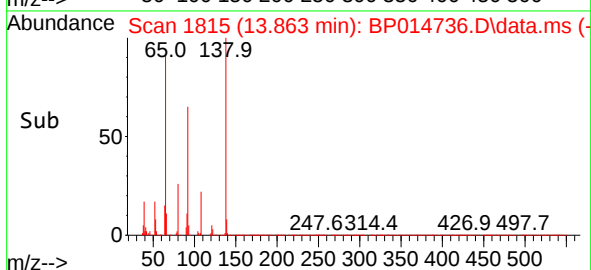
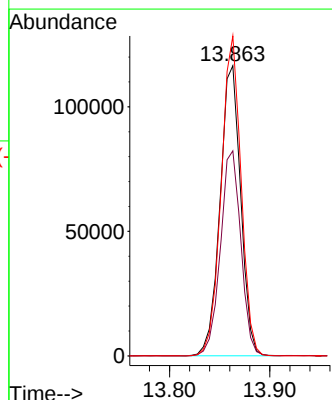
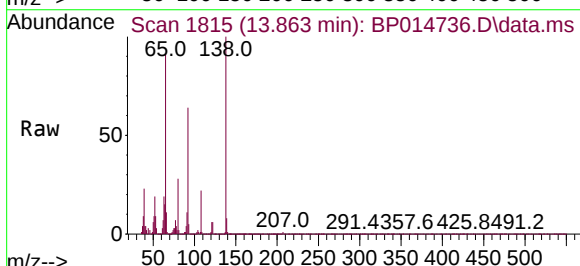
Tgt Ion: 65 Resp: 166664

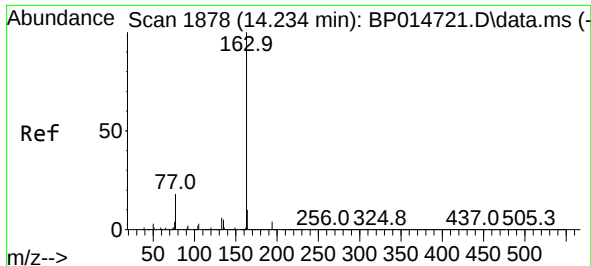
Ion Ratio Lower Upper

65 100

92 70.7 57.0 85.4

138 110.3 86.8 130.2

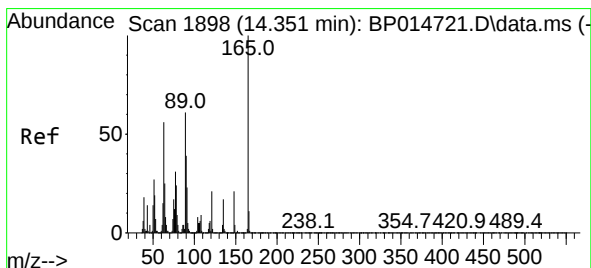
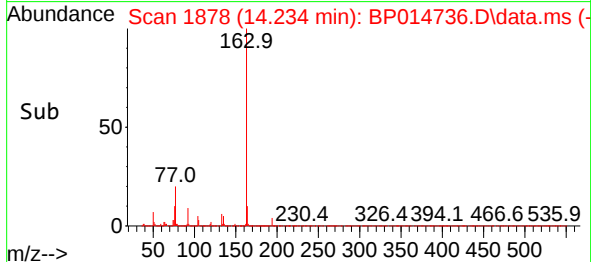
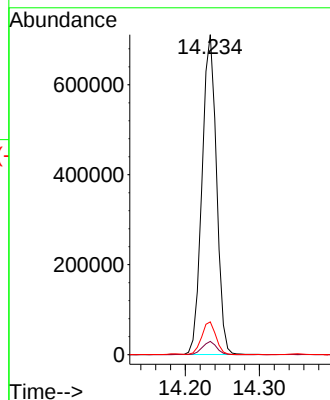
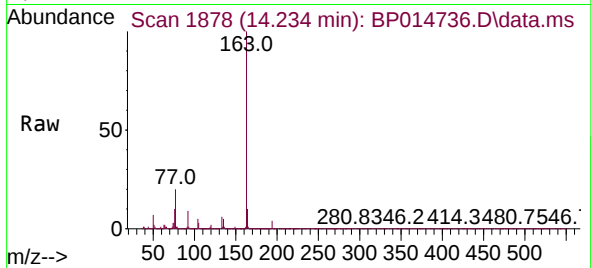




#47
Dimethylphthalate
Concen: 30.076 ng/ul
RT: 14.234 min Scan# 1878
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

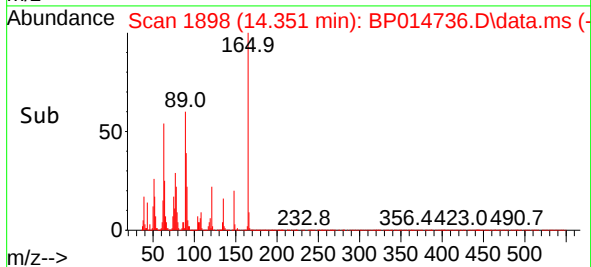
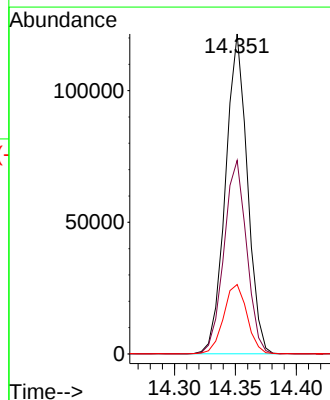
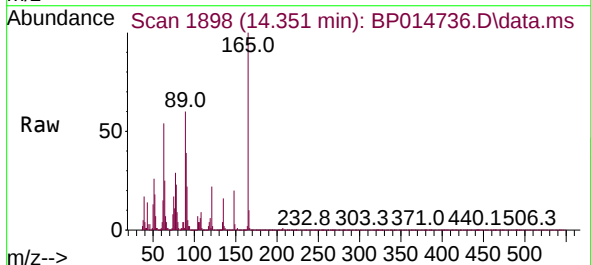
Instrument :
BNA_P
ClientSampleId :
SLCS181

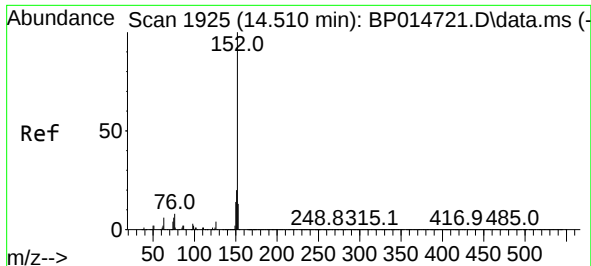
Tgt Ion:163 Resp: 963547
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 10.2 8.2 12.2



#48
2,6-Dinitrotoluene
Concen: 34.810 ng/ul
RT: 14.351 min Scan# 1898
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:165 Resp: 152112
Ion Ratio Lower Upper
165 100
89 60.5 53.0 79.6
121 21.7 19.8 29.6

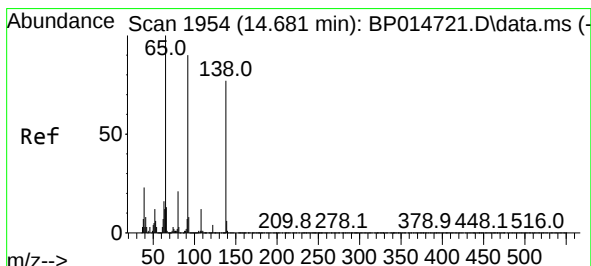
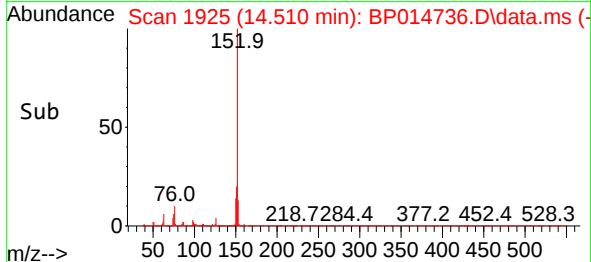
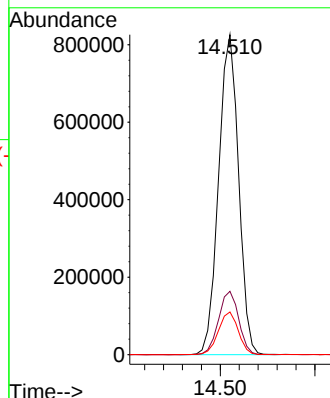
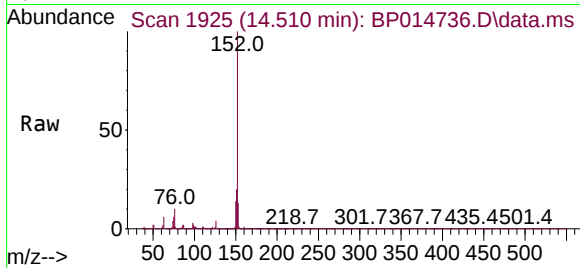




#50
Acenaphthylene
Concen: 30.215 ng/ul
RT: 14.510 min Scan# 1925
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

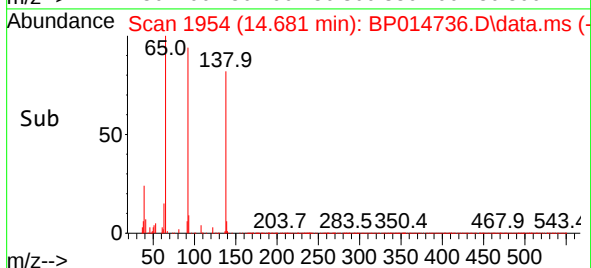
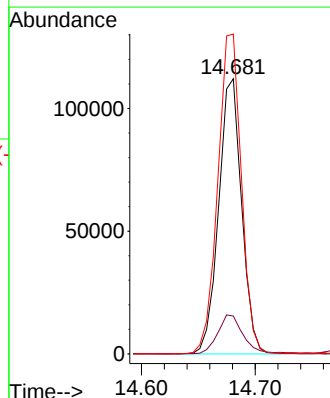
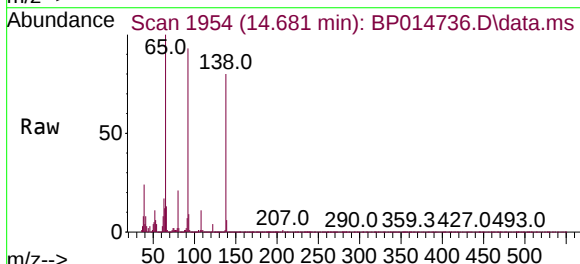
Instrument :
BNA_P
ClientSampleId :
SLCS181

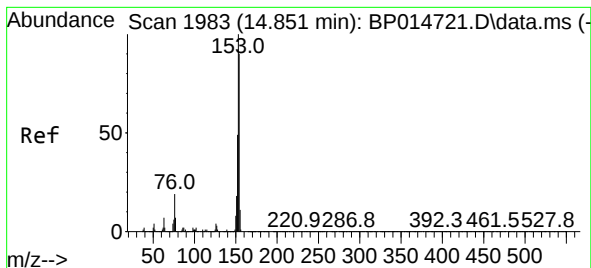
Tgt Ion:152 Resp: 1207029
Ion Ratio Lower Upper
152 100
151 19.8 15.7 23.5
153 13.3 10.0 15.0



#51
3-Nitroaniline
Concen: 31.684 ng/ul
RT: 14.681 min Scan# 1954
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:138 Resp: 157475
Ion Ratio Lower Upper
138 100
108 13.8 12.9 19.3
92 116.3 91.5 137.3





#52

Acenaphthene

Concen: 30.240 ng/ul

RT: 14.851 min Scan# 1983

Delta R.T. -0.000 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

Instrument :

BNA_P

ClientSampleId :

SLCS181

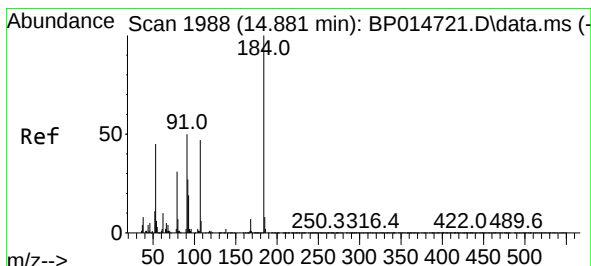
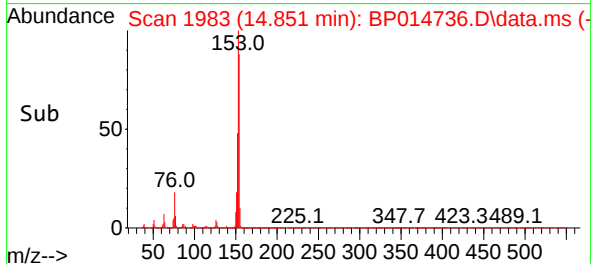
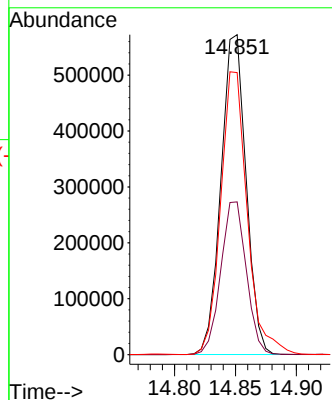
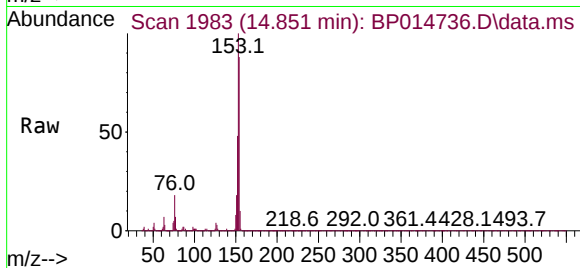
Tgt Ion:153 Resp: 823666

Ion Ratio Lower Upper

153 100

152 47.8 38.4 57.6

154 88.1 69.8 104.8



#53

2,4-Dinitrophenol

Concen: 28.062 ng/ul

RT: 14.881 min Scan# 1988

Delta R.T. -0.000 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

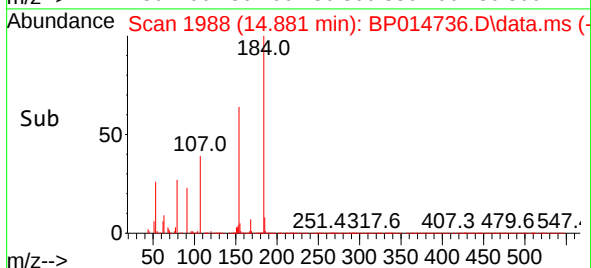
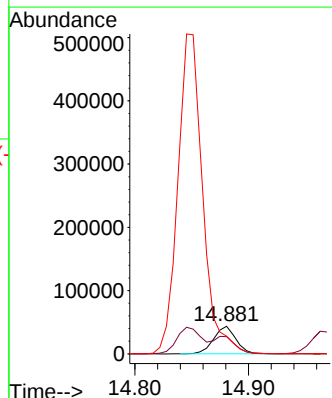
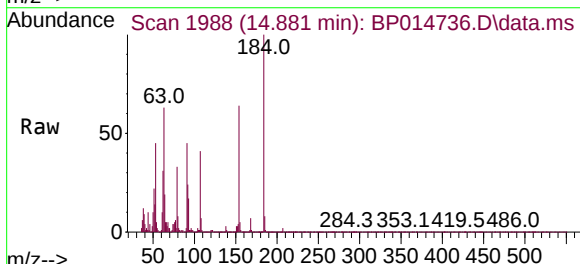
Tgt Ion:184 Resp: 59333

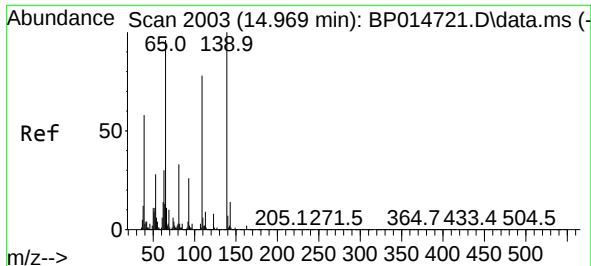
Ion Ratio Lower Upper

184 100

63 62.5 51.1 76.7

154 63.9 54.0 81.0

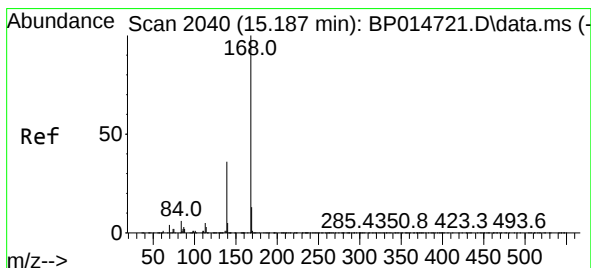
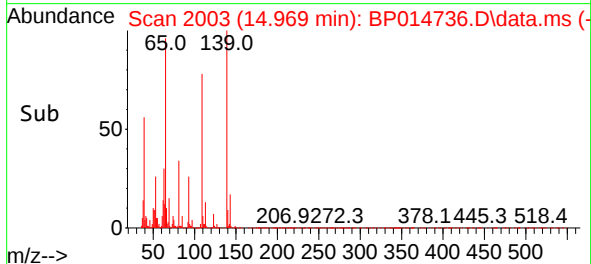
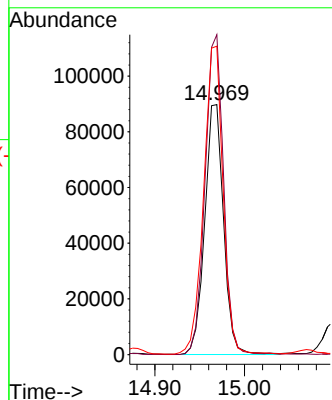
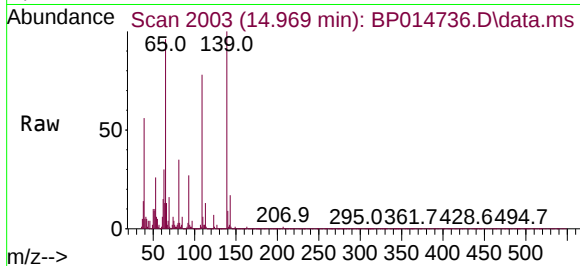




#55
4-Nitrophenol
Concen: 31.629 ng/ul
RT: 14.969 min Scan# 2003
Delta R.T. 0.006 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

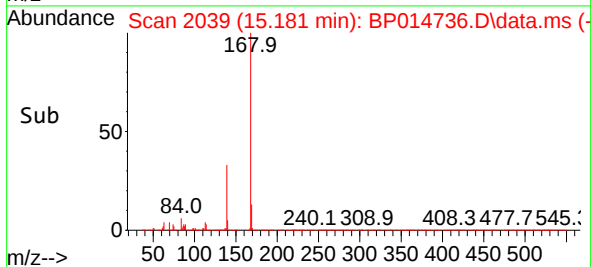
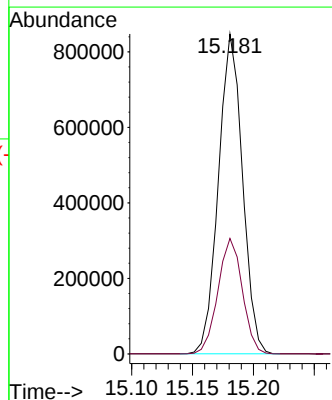
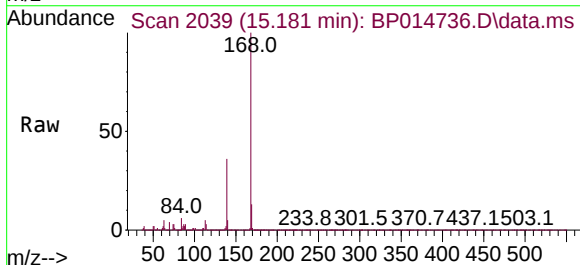
Instrument :
BNA_P
ClientSampleId :
SLCS181

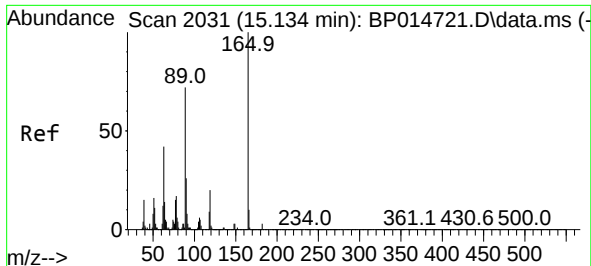
Tgt Ion:109 Resp: 131254
Ion Ratio Lower Upper
109 100
139 128.0 100.5 150.7
65 123.4 102.4 153.6



#56
Dibenzofuran
Concen: 30.360 ng/ul
RT: 15.181 min Scan# 2039
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:168 Resp: 1163833
Ion Ratio Lower Upper
168 100
139 36.1 29.8 44.8

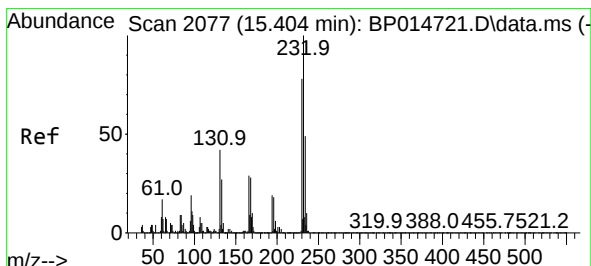
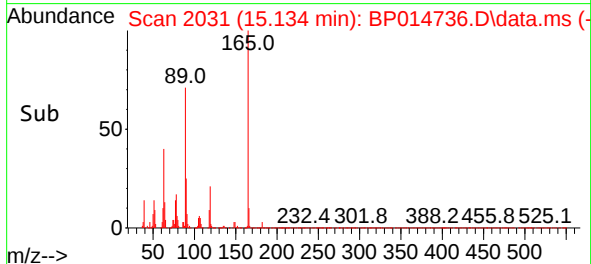
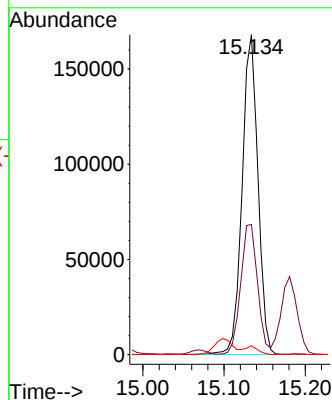
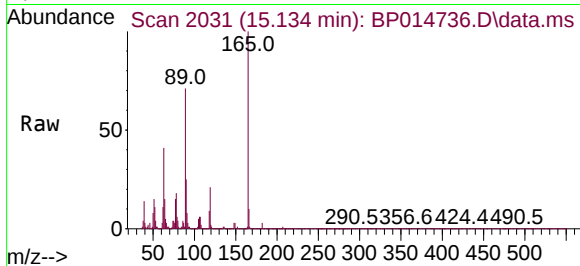




#57
2,4-Dinitrotoluene
Concen: 35.434 ng/ul
RT: 15.134 min Scan# 2031
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

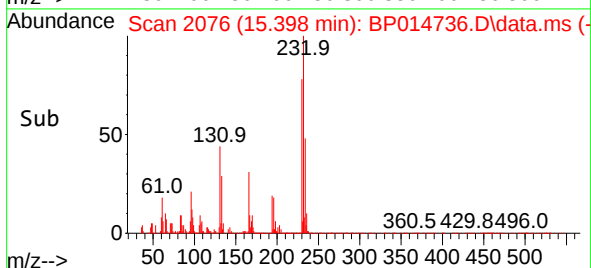
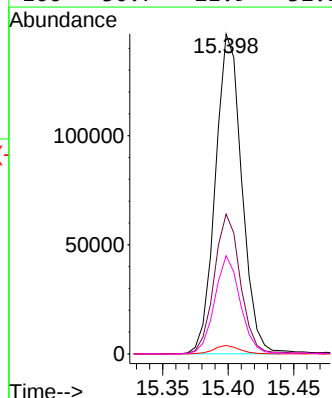
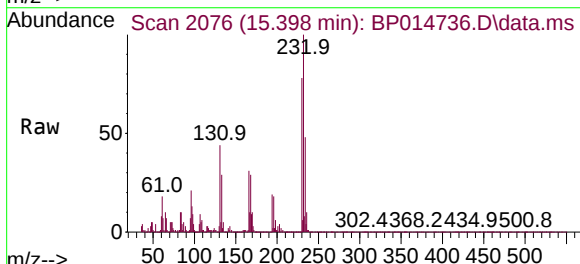
Instrument :
BNA_P
ClientSampleId :
SLCS181

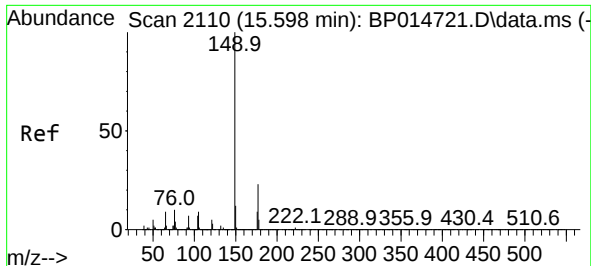
Tgt Ion:165 Resp: 227189
Ion Ratio Lower Upper
165 100
63 40.7 36.6 54.8
182 2.8 2.1 3.1



#58
2,3,4,6-Tetrachlorophenol
Concen: 29.204 ng/ul
RT: 15.398 min Scan# 2076
Delta R.T. -0.006 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:232 Resp: 205405
Ion Ratio Lower Upper
232 100
131 43.7 32.4 48.6
130 2.6 1.8 2.6
166 30.7 21.9 32.9

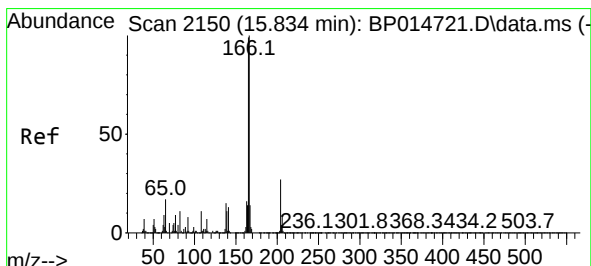
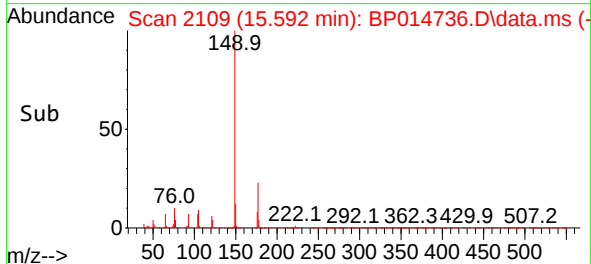
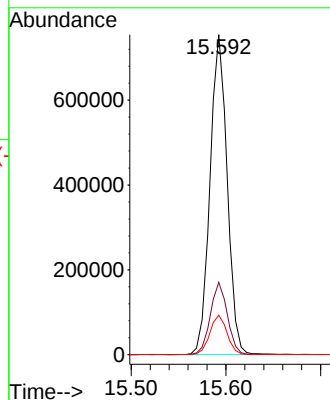
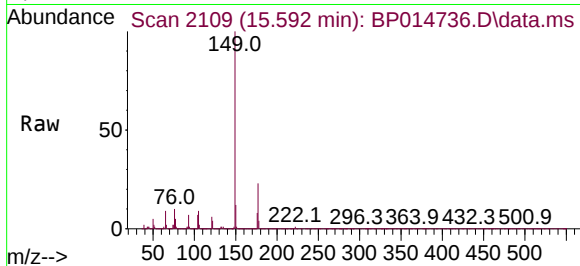




#59
Diethylphthalate
Concen: 30.616 ng/ul
RT: 15.592 min Scan# 2110
Delta R.T. -0.006 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

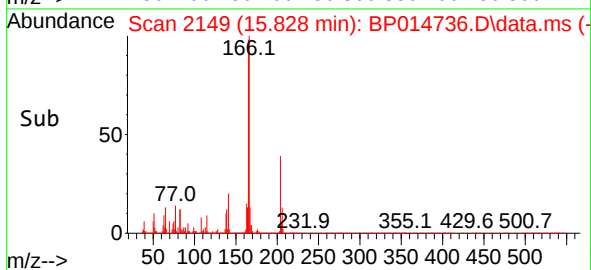
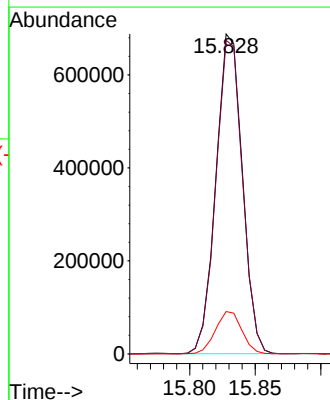
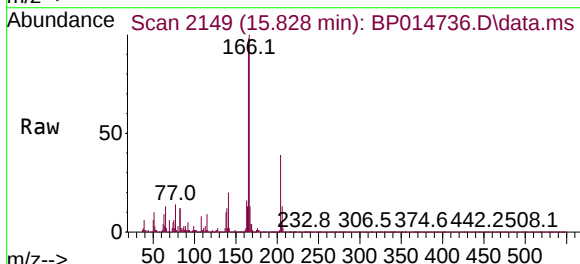
Instrument :
BNA_P
ClientSampleId :
SLCS181

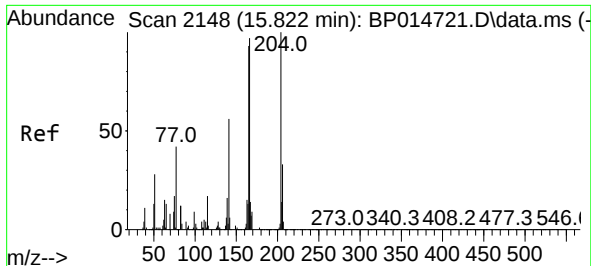
Tgt Ion:149 Resp: 951739
Ion Ratio Lower Upper
149 100
177 22.6 17.8 26.8
150 12.3 9.4 14.2



#61
Fluorene
Concen: 30.947 ng/ul
RT: 15.828 min Scan# 2149
Delta R.T. -0.006 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:166 Resp: 968390
Ion Ratio Lower Upper
166 100
165 98.0 78.6 117.8
167 13.2 10.5 15.7

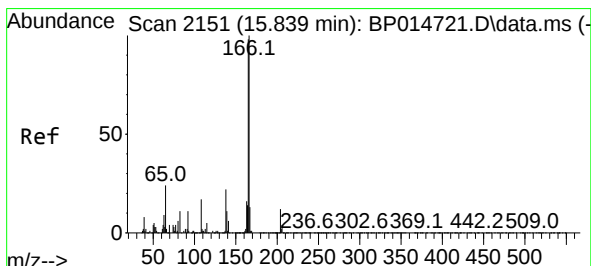
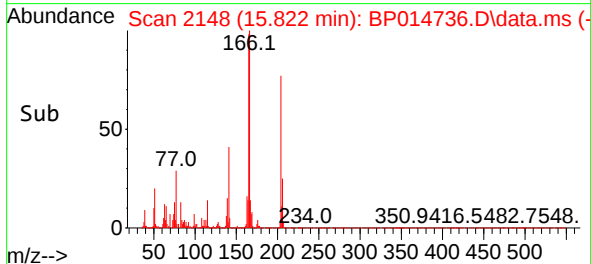
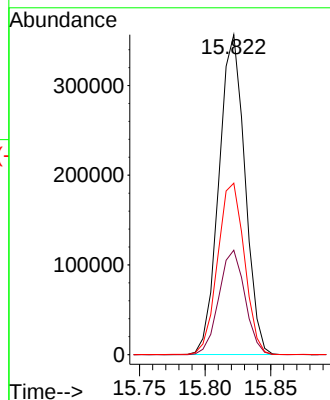
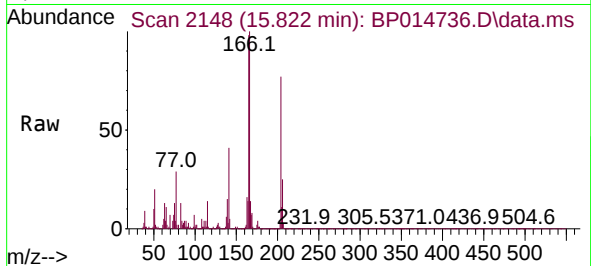




#62
4-Chlorophenyl-phenylether
Concen: 30.804 ng/ul
RT: 15.822 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

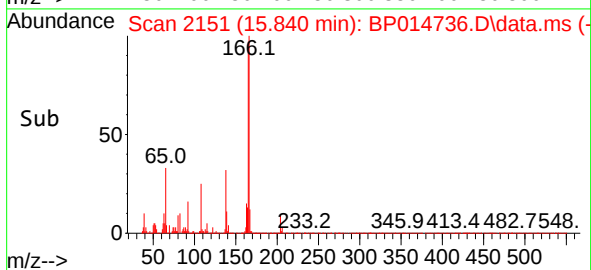
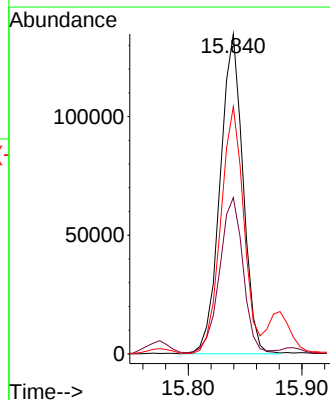
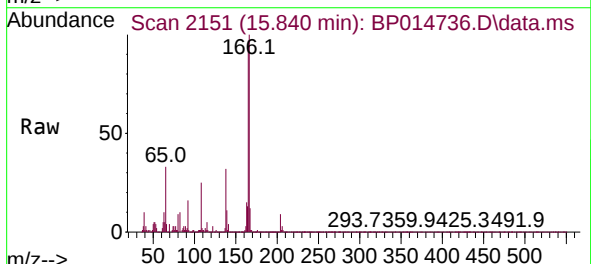
Instrument :
BNA_P
ClientSampleId :
SLCS181

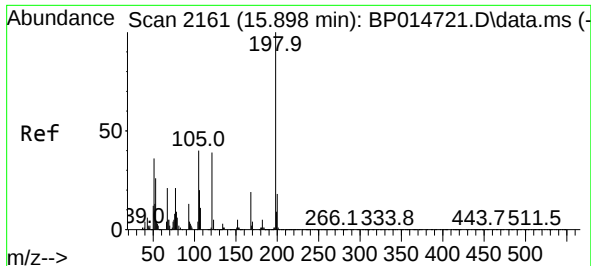
Tgt Ion:204 Resp: 492897
Ion Ratio Lower Upper
204 100
206 32.6 26.4 39.6
141 53.6 45.0 67.4



#63
4-Nitroaniline
Concen: 37.855 ng/ul
RT: 15.840 min Scan# 2151
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:138 Resp: 188050
Ion Ratio Lower Upper
138 100
92 48.8 40.9 61.3
108 77.3 63.8 95.6

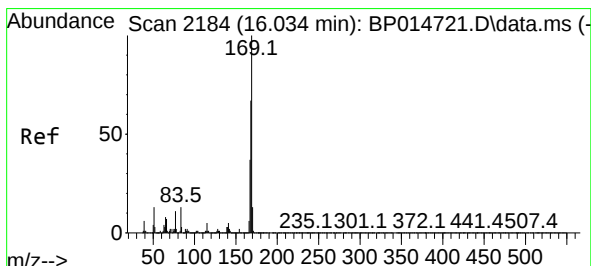
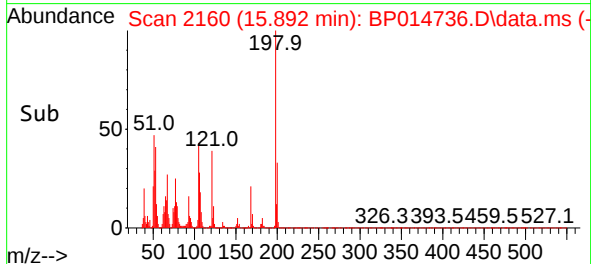
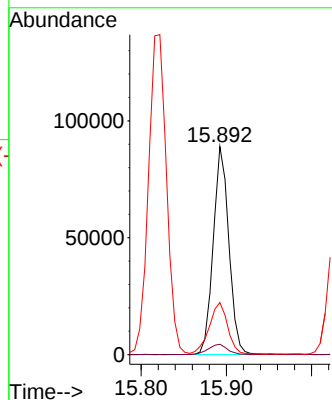
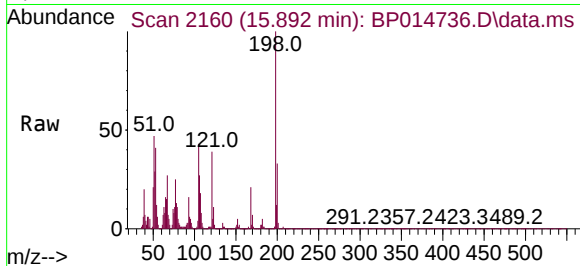




#66
4,6-Dinitro-2-methylphenol
Concen: 30.707 ng/ul
RT: 15.892 min Scan# 2161
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

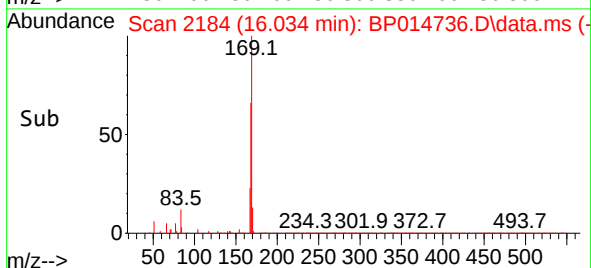
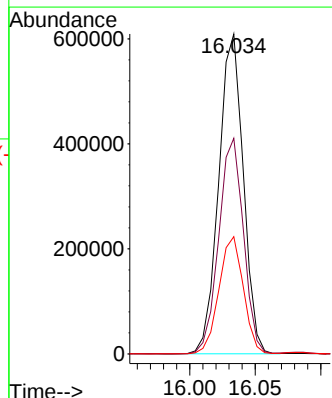
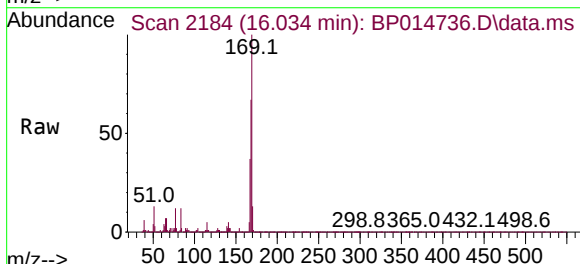
Instrument :
BNA_P
ClientSampleId :
SLCS181

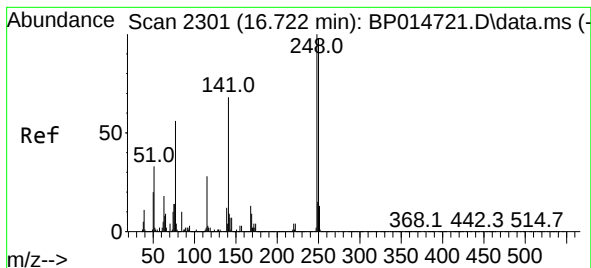
Tgt Ion:198 Resp: 113482
Ion Ratio Lower Upper
198 100
182 5.0 3.9 5.9
77 25.0 23.6 35.4



#67
N-Nitrosodiphenylamine
Concen: 31.094 ng/ul
RT: 16.034 min Scan# 2184
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:169 Resp: 794824
Ion Ratio Lower Upper
169 100
168 67.4 53.5 80.3
167 36.6 29.0 43.6

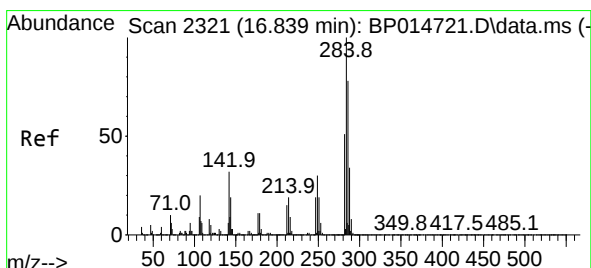
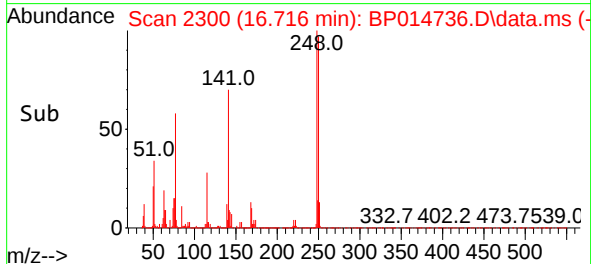
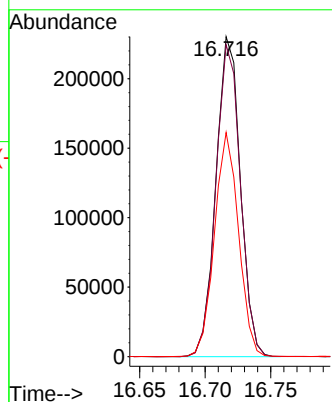
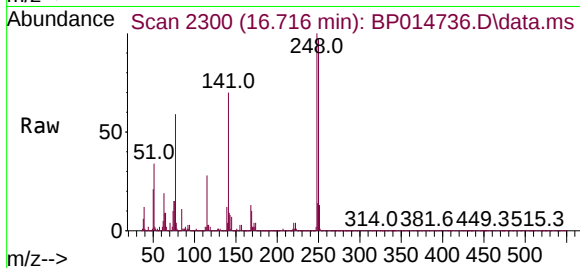




#68
4-Bromophenyl-phenylether
Concen: 31.108 ng/ul
RT: 16.716 min Scan# 2301
Delta R.T. -0.006 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

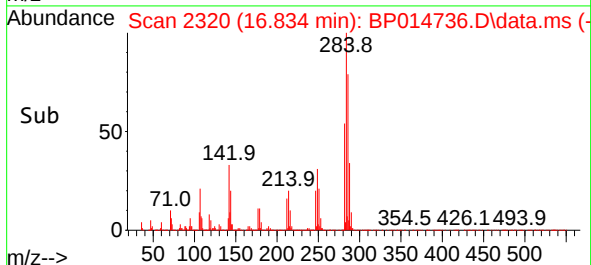
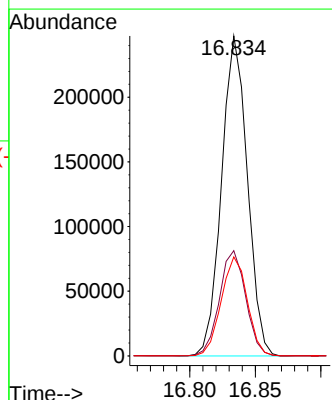
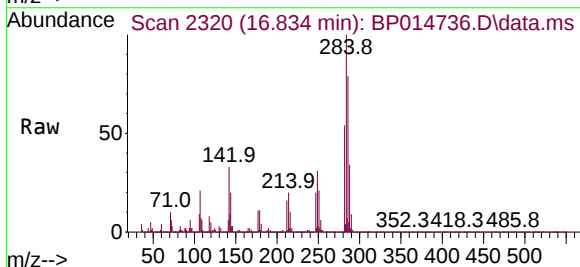
Instrument :
BNA_P
ClientSampleId :
SLCS181

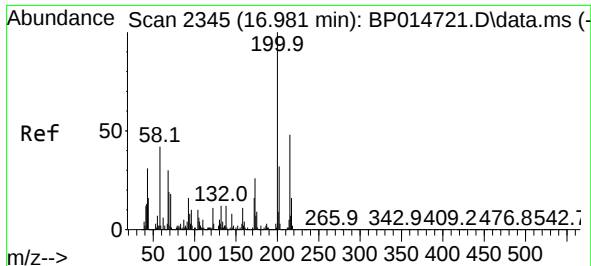
Tgt Ion:248 Resp: 299069
Ion Ratio Lower Upper
248 100
250 97.5 79.2 118.8
141 70.0 52.7 79.1



#69
Hexachlorobenzene
Concen: 30.392 ng/ul
RT: 16.834 min Scan# 2320
Delta R.T. -0.006 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:284 Resp: 339013
Ion Ratio Lower Upper
284 100
142 32.9 25.1 37.7
249 30.9 25.2 37.8

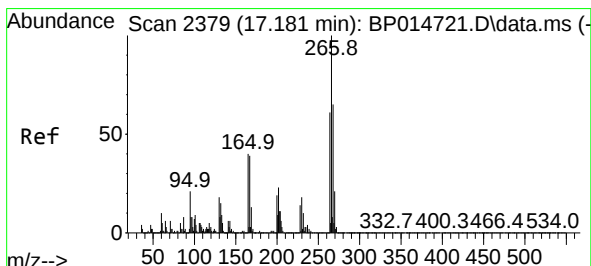
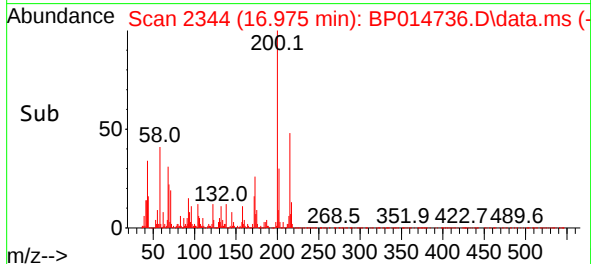
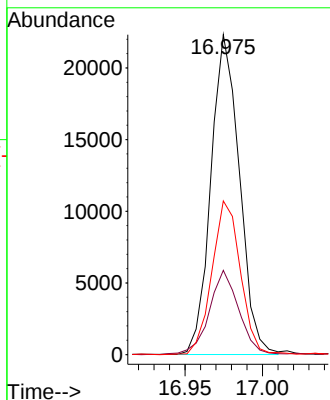
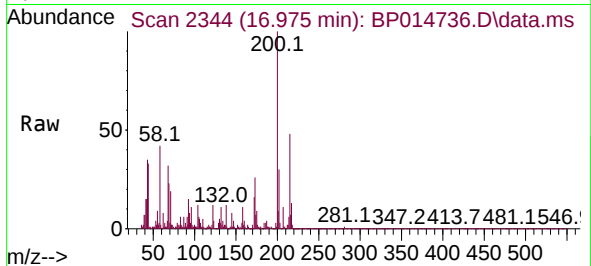




#70
Atrazine
Concen: 3.151 ng/ul
RT: 16.975 min Scan# 2344
Delta R.T. -0.006 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

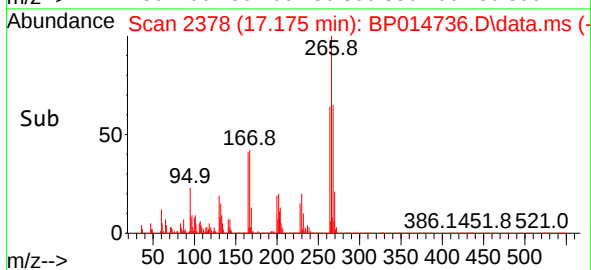
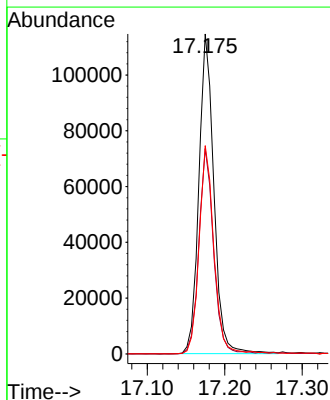
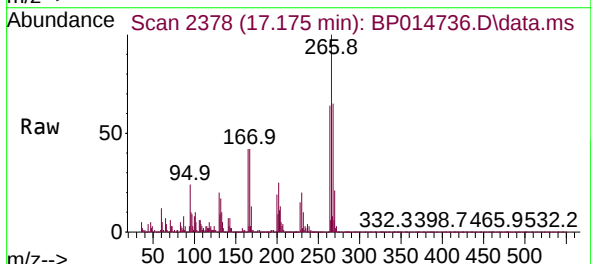
Instrument :
BNA_P
ClientSampleId :
SLCS181

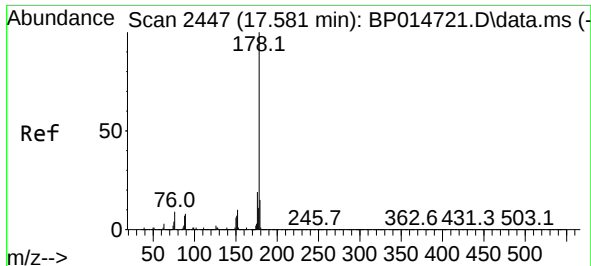
Tgt Ion:200 Resp: 28609
Ion Ratio Lower Upper
200 100
173 26.3 21.0 31.6
215 48.0 39.4 59.2



#71
Pentachlorophenol
Concen: 25.402 ng/ul
RT: 17.175 min Scan# 2378
Delta R.T. -0.006 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:266 Resp: 154245
Ion Ratio Lower Upper
266 100
264 64.2 50.2 75.4
268 65.1 49.8 74.6

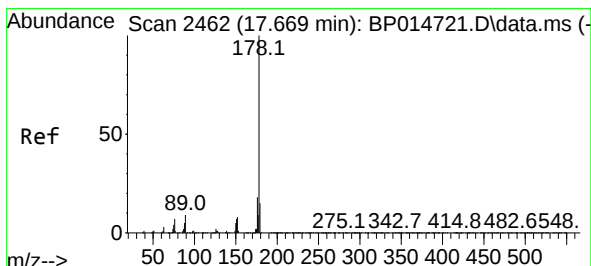
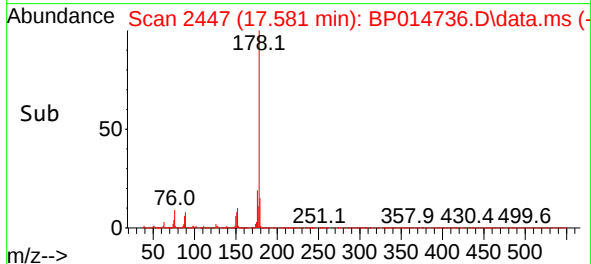
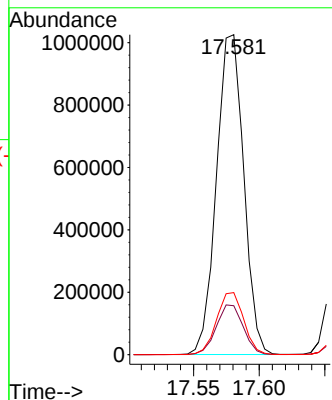
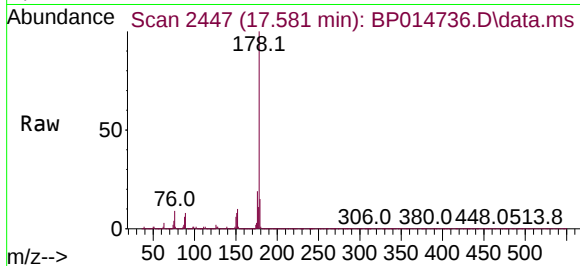




#72
Phenanthrene
Concen: 30.734 ng/ul
RT: 17.581 min Scan# 2447
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

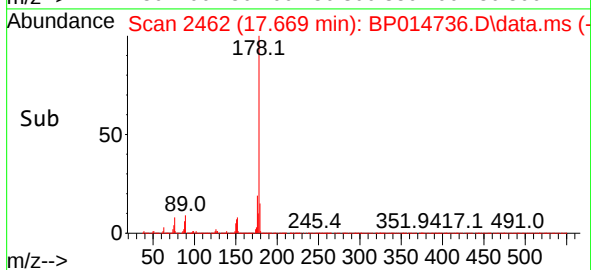
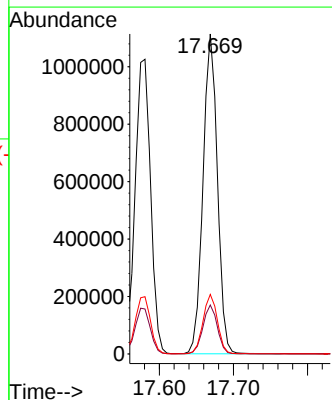
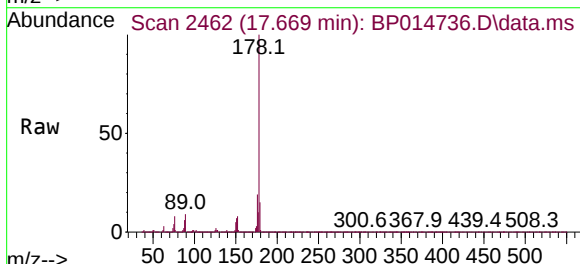
Instrument :
BNA_P
ClientSampleId :
SLCS181

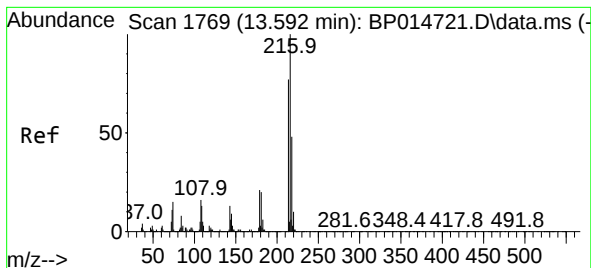
Tgt Ion:178 Resp: 1485864
Ion Ratio Lower Upper
178 100
179 15.3 12.1 18.1
176 19.4 15.3 22.9



#74
Anthracene
Concen: 30.498 ng/ul
RT: 17.669 min Scan# 2462
Delta R.T. -0.000 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:178 Resp: 1494801
Ion Ratio Lower Upper
178 100
179 15.3 12.4 18.6
176 18.6 15.1 22.7





#75

1,2,3,4-Tetrachlorobenzene

Concen: 30.783 ng/uL

RT: 13.593 min Scan# 1

Delta R.T. -0.000 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

Instrument :

BNA_P

ClientSampleId :

SLCS181

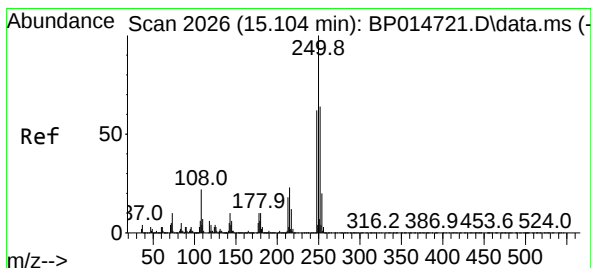
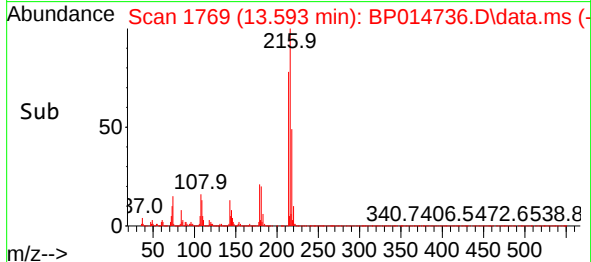
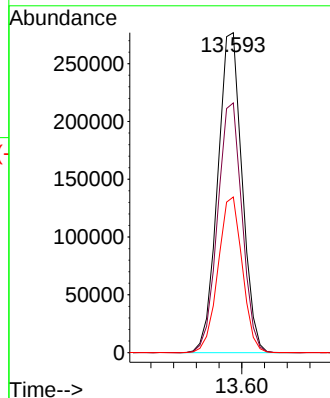
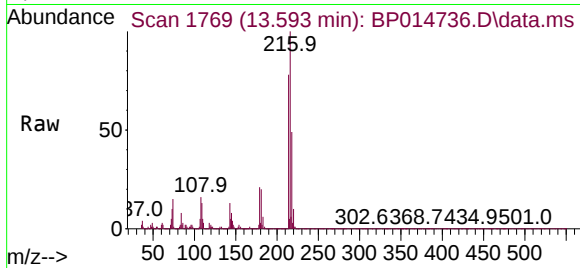
Tgt Ion:216 Resp: 412337

Ion Ratio Lower Upper

216 100

214 78.0 62.8 94.2

218 48.6 39.6 59.4



#76

Pentachlorobenzene

Concen: 31.163 ng/uL

RT: 15.098 min Scan# 2025

Delta R.T. -0.000 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

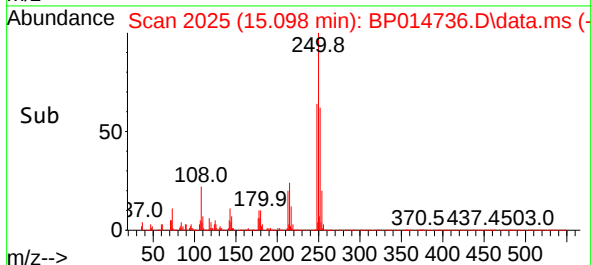
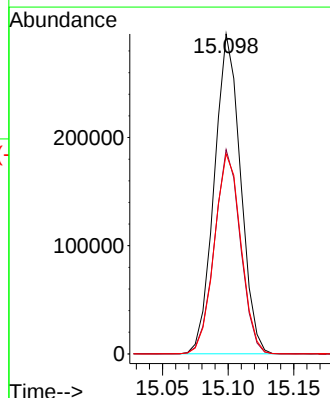
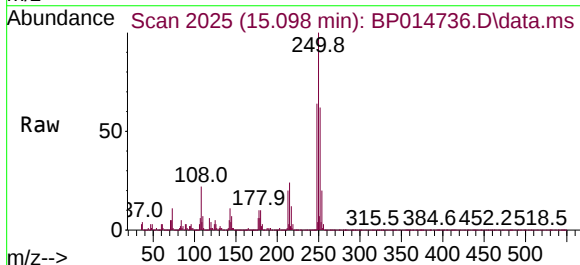
Tgt Ion:250 Resp: 411726

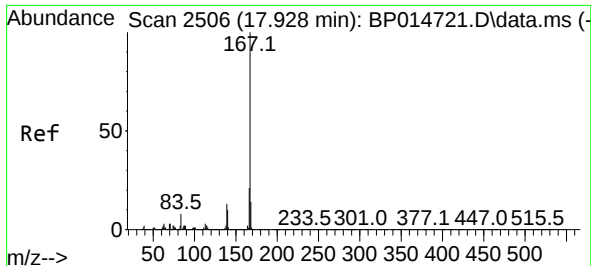
Ion Ratio Lower Upper

250 100

248 63.8 50.7 76.1

252 62.5 50.1 75.1

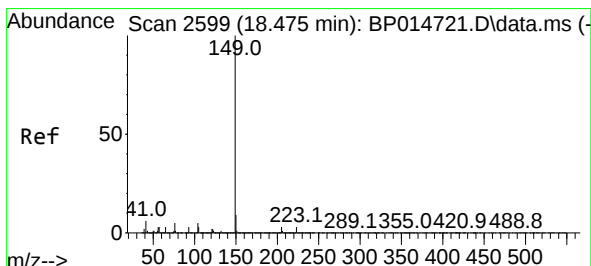
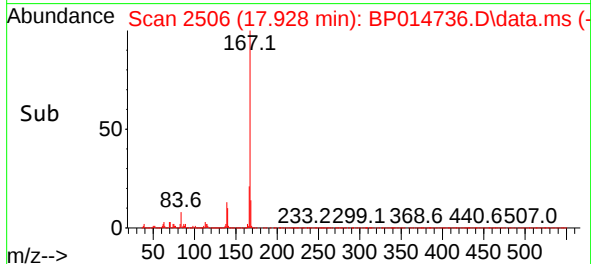
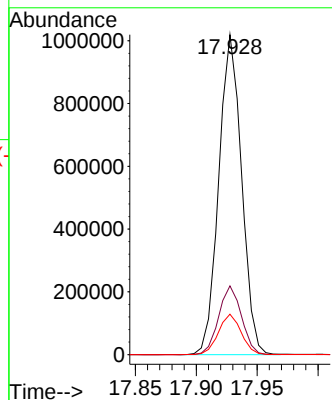
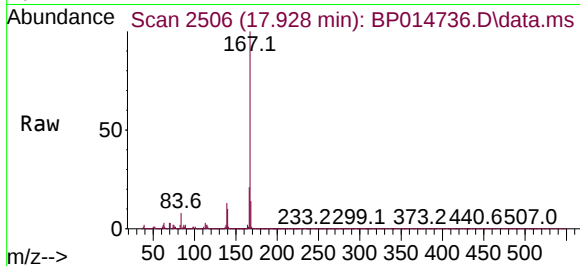




#77
 Carbazole
 Concen: 30.860 ng/ul
 RT: 17.928 min Scan# 2506
 Delta R.T. -0.000 min
 Lab File: BP014736.D
 Acq: 19 Apr 2023 18:23

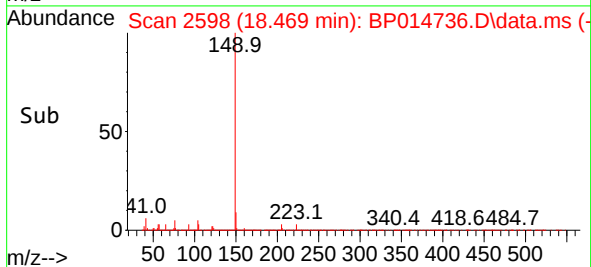
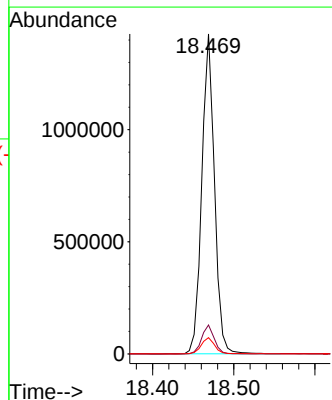
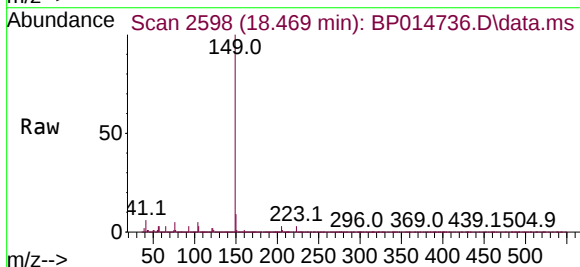
Instrument :
 BNA_P
 ClientSampleId :
 SLCS181

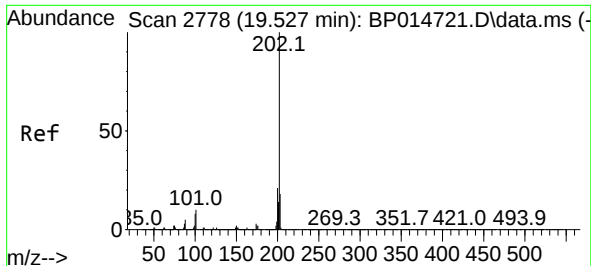
Tgt Ion:167 Resp: 1327839
 Ion Ratio Lower Upper
 167 100
 166 21.5 17.0 25.4
 139 12.6 10.2 15.2



#78
 Di-n-butylphthalate
 Concen: 31.601 ng/ul
 RT: 18.469 min Scan# 2598
 Delta R.T. -0.006 min
 Lab File: BP014736.D
 Acq: 19 Apr 2023 18:23

Tgt Ion:149 Resp: 1543644
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.3 10.9
 104 5.1 3.9 5.9

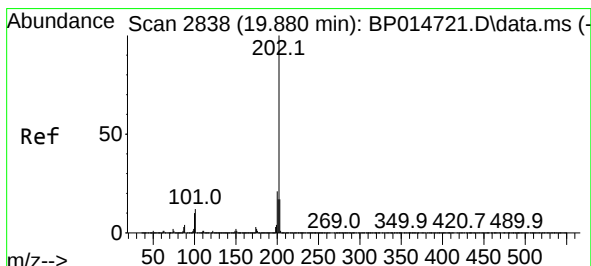
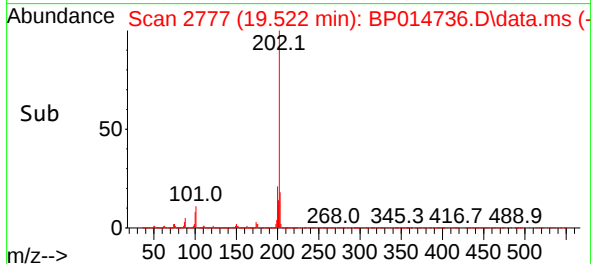
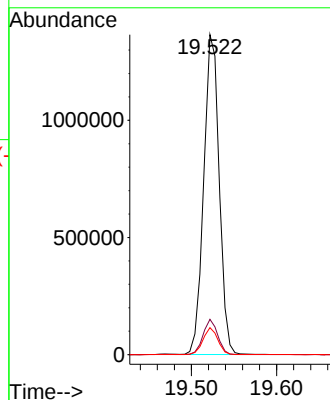
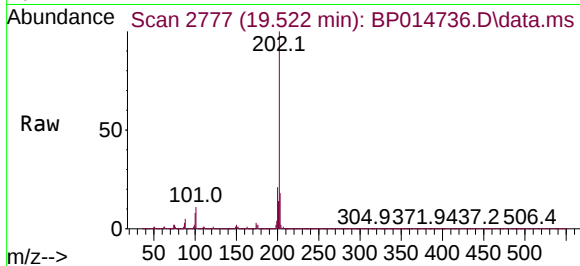




#80
Fluoranthene
Concen: 31.611 ng/ul
RT: 19.522 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

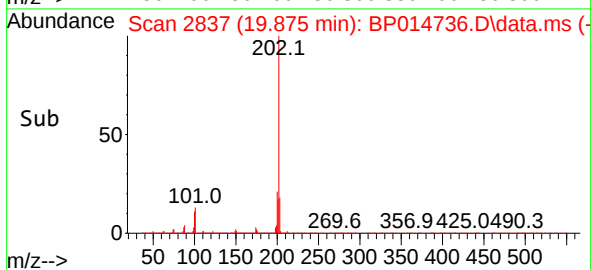
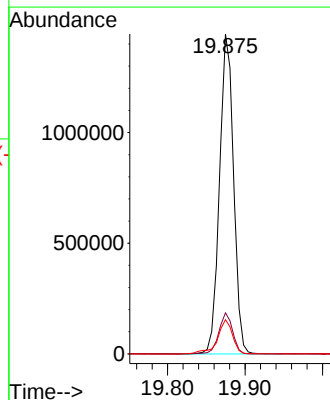
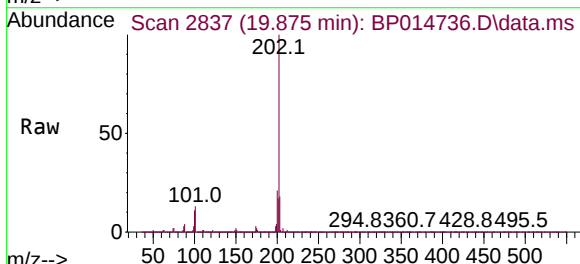
Instrument :
BNA_P
ClientSampleId :
SLCS181

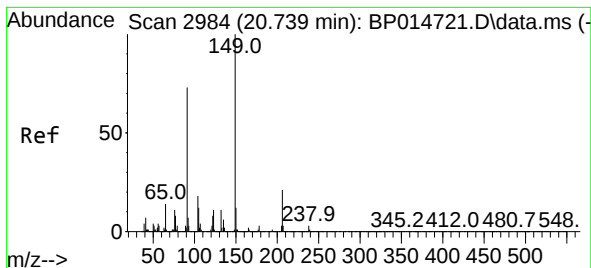
Tgt Ion:202 Resp: 1722502
Ion Ratio Lower Upper
202 100
101 11.0 8.4 12.6
100 8.4 6.4 9.6



#82
Pyrene
Concen: 31.605 ng/ul
RT: 19.875 min Scan# 2837
Delta R.T. -0.006 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:202 Resp: 1822415
Ion Ratio Lower Upper
202 100
101 12.8 9.4 14.0
100 10.7 8.0 12.0





#83

Butylbenzylphthalate

Concen: 32.149 ng/ul

RT: 20.733 min Scan# 2984

Delta R.T. -0.006 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

Instrument :

BNA_P

ClientSampleId :

SLCS181

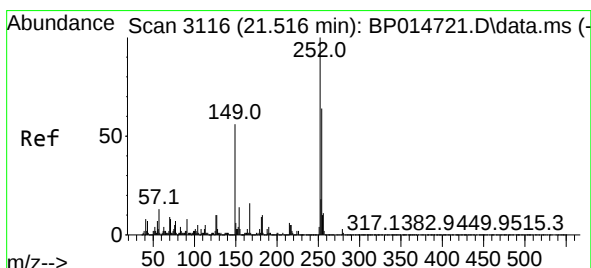
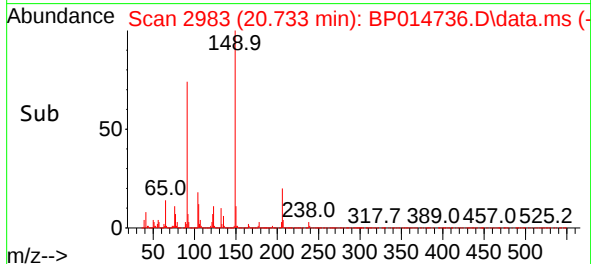
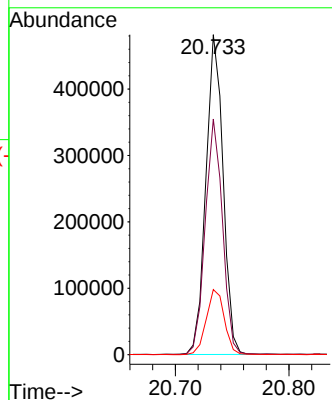
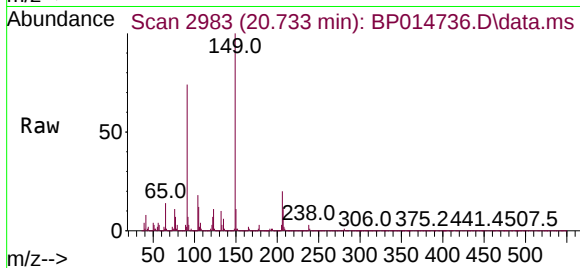
Tgt Ion:149 Resp: 506084

Ion Ratio Lower Upper

149 100

91 73.6 58.6 87.8

206 20.3 17.3 25.9



#84

3,3'-Dichlorobenzidine

Concen: 26.946 ng/ul

RT: 21.516 min Scan# 3116

Delta R.T. -0.000 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

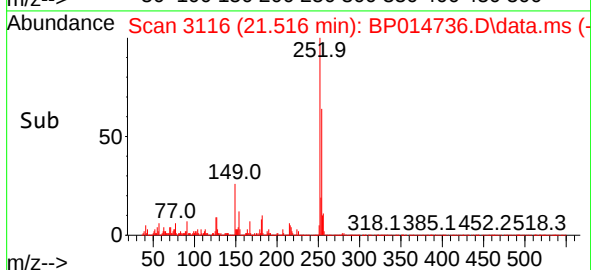
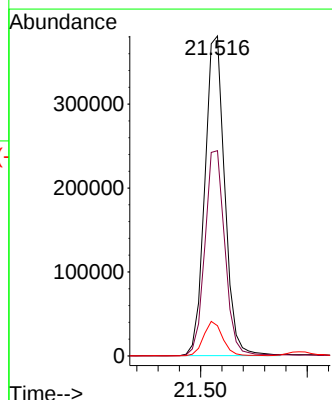
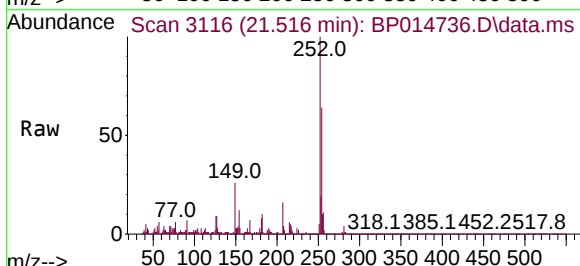
Tgt Ion:252 Resp: 493223

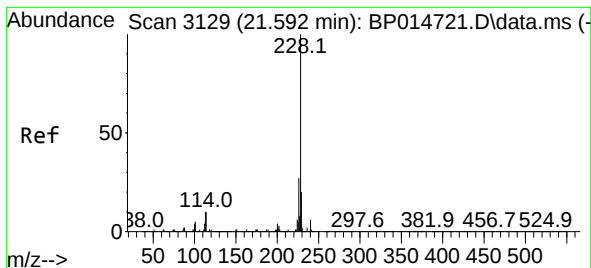
Ion Ratio Lower Upper

252 100

254 64.1 52.2 78.2

126 9.4 8.0 12.0





#85

Benzo(a)anthracene

Concen: 31.136 ng/ul

RT: 21.592 min Scan# 3112

Delta R.T. -0.000 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

Instrument :

BNA_P

ClientSampleId :

SLCS181

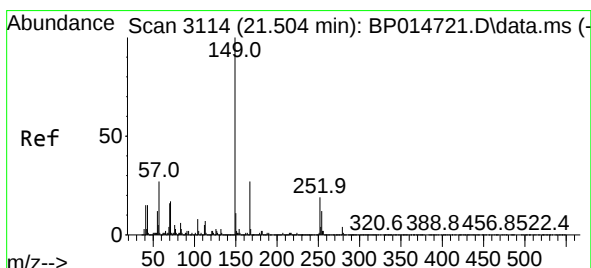
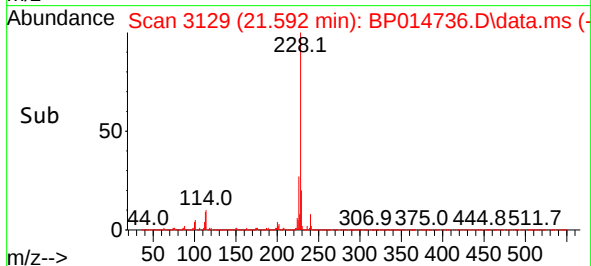
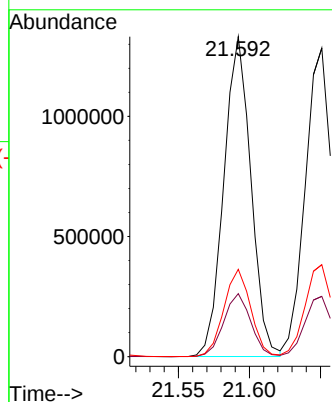
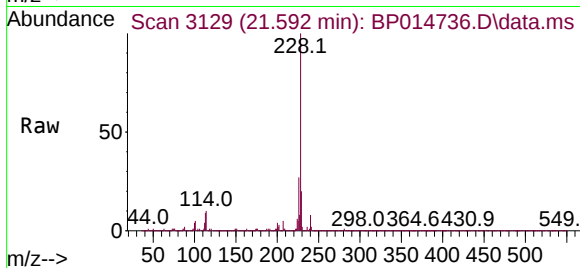
Tgt Ion:228 Resp: 1769499

Ion Ratio Lower Upper

228 100

229 19.7 15.9 23.9

226 27.3 21.8 32.8



#86

Bis(2-ethylhexyl)phthalate

Concen: 31.711 ng/ul

RT: 21.498 min Scan# 3113

Delta R.T. -0.012 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

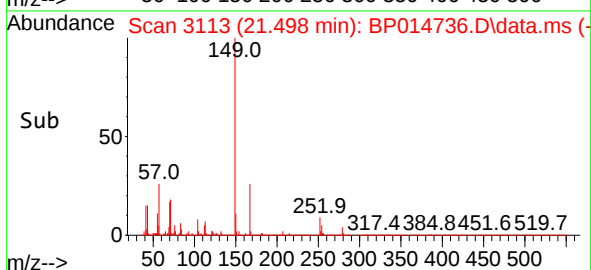
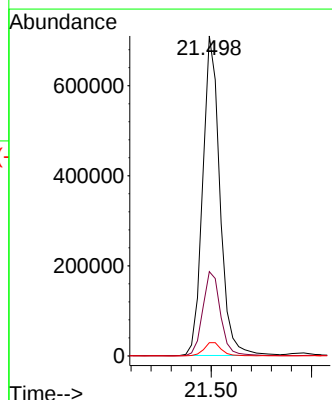
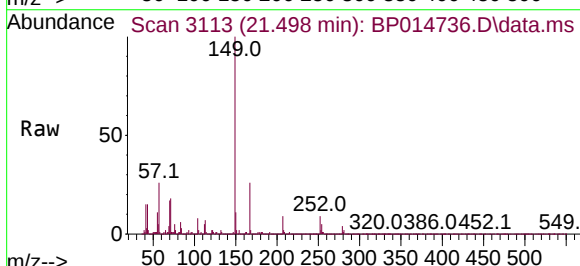
Tgt Ion:149 Resp: 842063

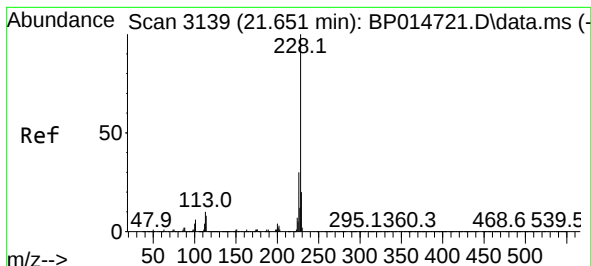
Ion Ratio Lower Upper

149 100

167 26.3 22.0 33.0

279 4.1 3.6 5.4





#87

Chrysene

Concen: 31.265 ng/ul

RT: 21.651 min Scan# 3139

Delta R.T. -0.000 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

Instrument :

BNA_P

ClientSampleId :

SLCS181

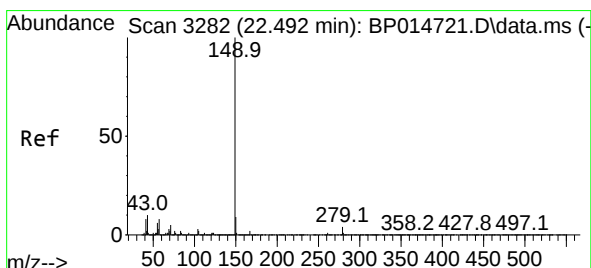
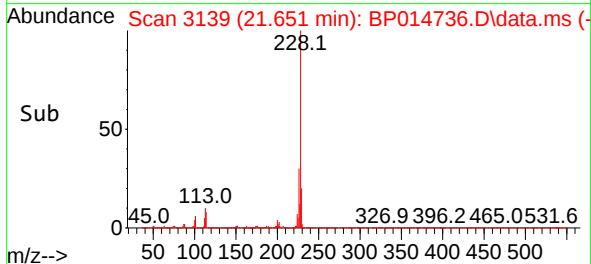
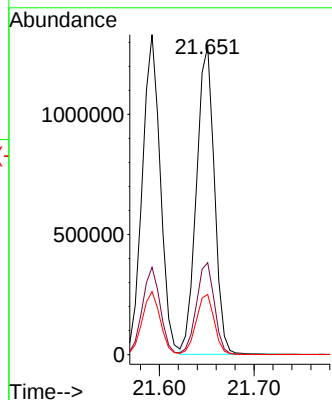
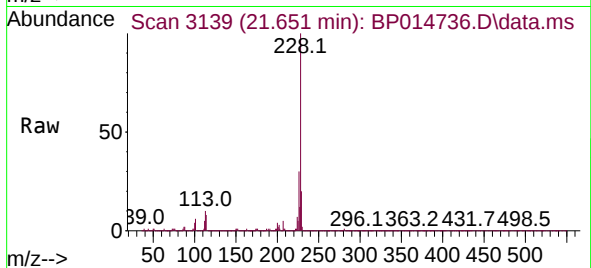
Tgt Ion:228 Resp: 1682080

Ion Ratio Lower Upper

228 100

226 29.8 24.3 36.5

229 19.5 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 29.946 ng/ul

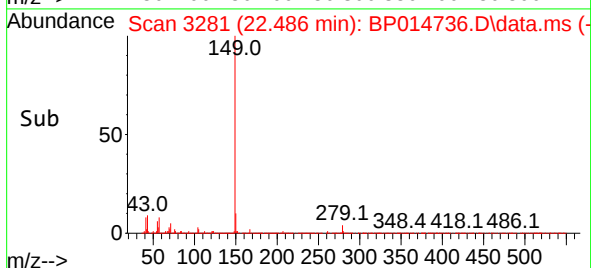
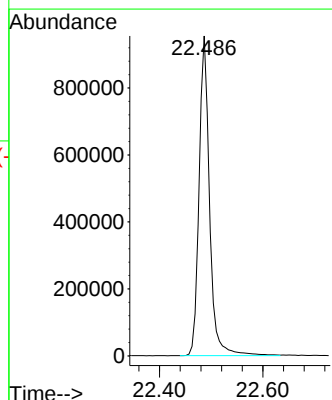
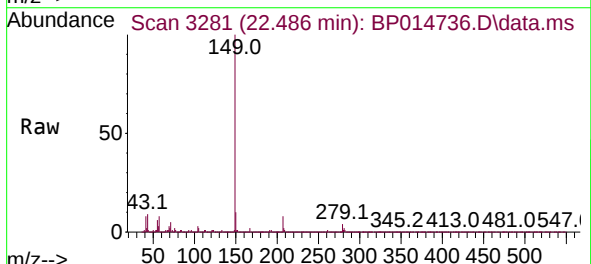
RT: 22.486 min Scan# 3281

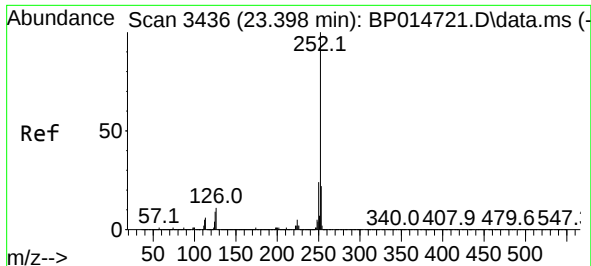
Delta R.T. -0.012 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

Tgt Ion:149 Resp: 1344677

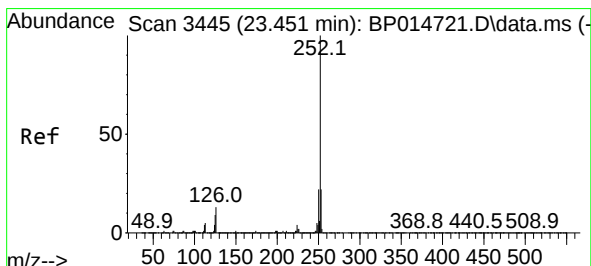
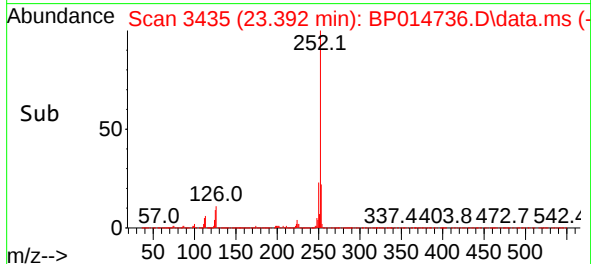
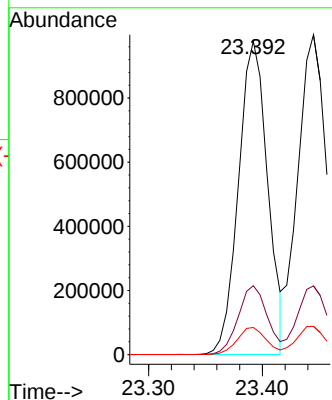
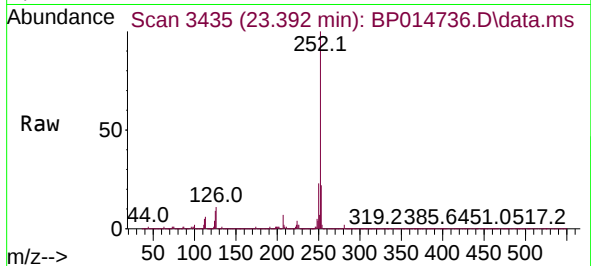




#90
Benzo(b)fluoranthene
Concen: 32.227 ng/ul
RT: 23.392 min Scan# 3436
Delta R.T. -0.006 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

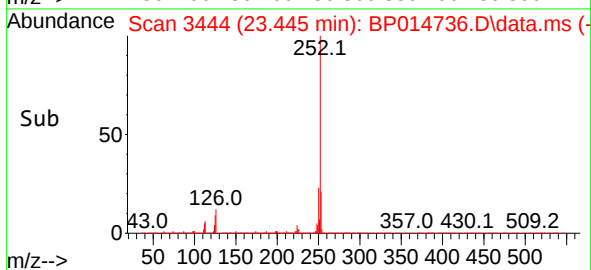
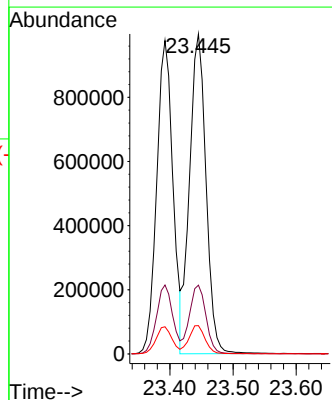
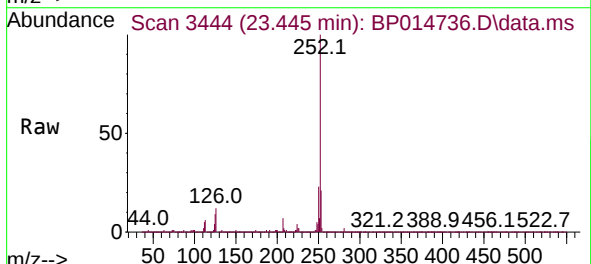
Instrument :
BNA_P
ClientSampleId :
SLCS181

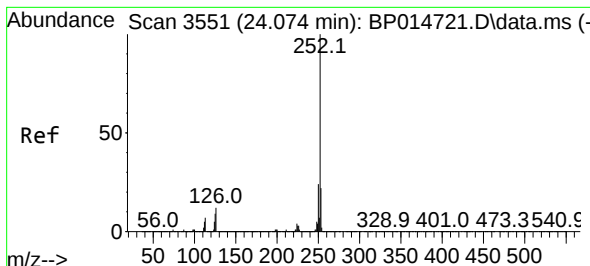
Tgt Ion:252 Resp: 1742307
Ion Ratio Lower Upper
252 100
253 22.0 17.4 26.2
125 8.7 7.0 10.6



#91
Benzo(k)fluoranthene
Concen: 33.357 ng/ul
RT: 23.445 min Scan# 3444
Delta R.T. -0.006 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:252 Resp: 1803597
Ion Ratio Lower Upper
252 100
253 21.5 17.4 26.0
125 8.8 7.0 10.4





#93

Benzo(a)pyrene

Concen: 32.593 ng/ul

RT: 24.074 min Scan# 3551

Delta R.T. -0.000 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

Instrument :

BNA_P

ClientSampleId :

SLCS181

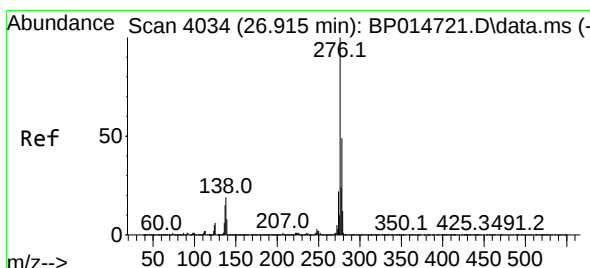
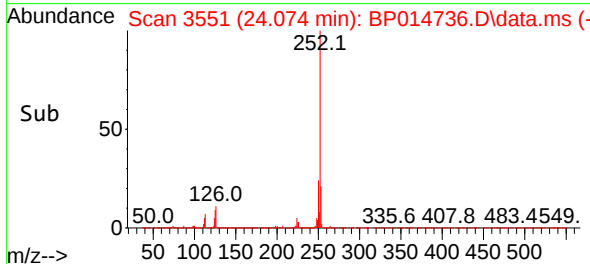
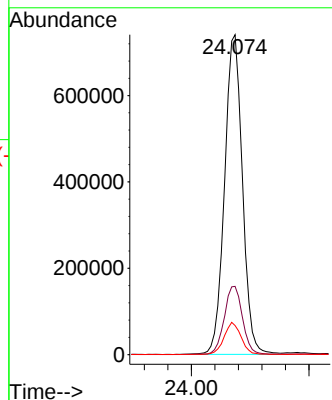
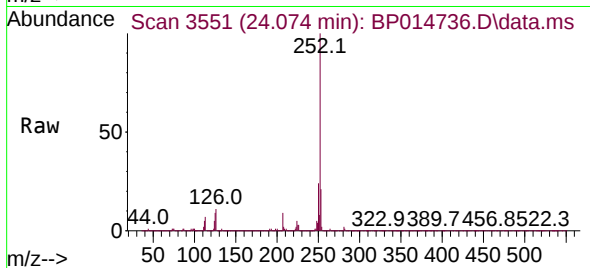
Tgt Ion:252 Resp: 1564922

Ion Ratio Lower Upper

252 100

253 21.3 17.6 26.4

125 9.1 8.0 12.0



#94

Indeno(1,2,3-cd)pyrene

Concen: 32.375 ng/ul

RT: 26.910 min Scan# 4033

Delta R.T. -0.006 min

Lab File: BP014736.D

Acq: 19 Apr 2023 18:23

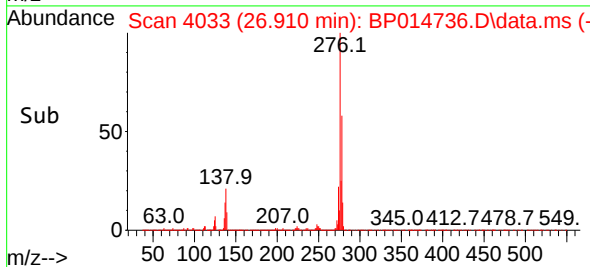
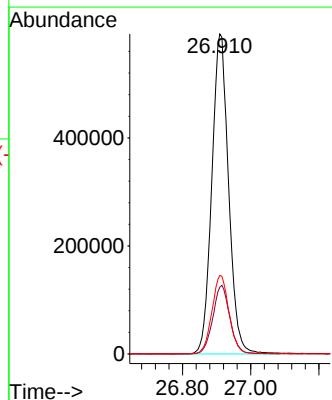
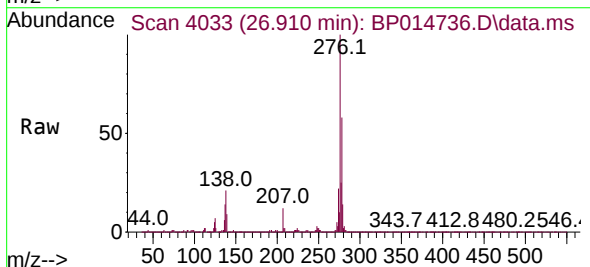
Tgt Ion:276 Resp: 2023192

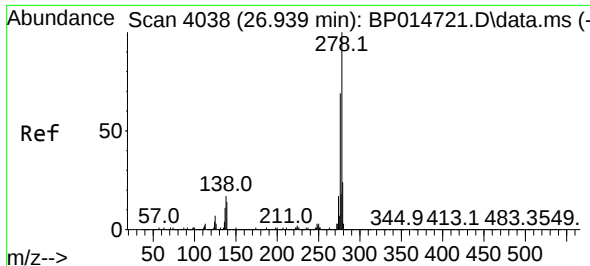
Ion Ratio Lower Upper

276 100

138 20.9 16.3 24.5

277 24.5 19.8 29.6

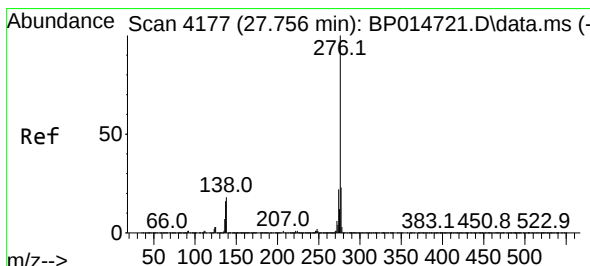
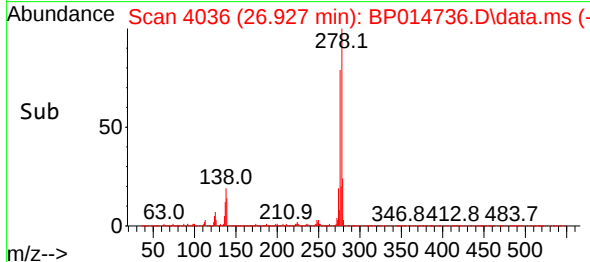
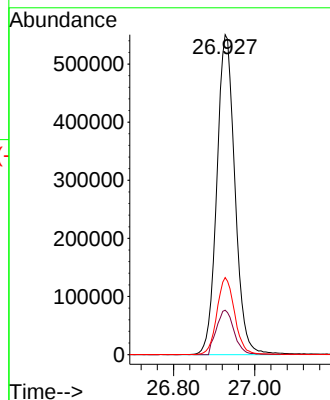
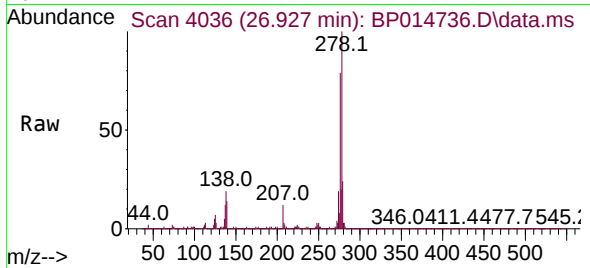




#95
Dibenzo(a,h)anthracene
Concen: 32.468 ng/ul
RT: 26.927 min Scan# 4038
Delta R.T. -0.012 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Instrument :
BNA_P
ClientSampleId :
SLCS181

Tgt Ion:278 Resp: 1699185
Ion Ratio Lower Upper
278 100
139 13.9 11.5 17.3
279 24.1 18.6 27.8



#96
Benzo(g,h,i)perylene
Concen: 32.401 ng/ul
RT: 27.745 min Scan# 4175
Delta R.T. -0.012 min
Lab File: BP014736.D
Acq: 19 Apr 2023 18:23

Tgt Ion:276 Resp: 1619420
Ion Ratio Lower Upper
276 100
138 18.1 14.3 21.5
277 23.5 19.5 29.3

