

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP011924\
 Data File : BP019402.D
 Acq On : 19 Jan 2024 15:15
 Operator : MA/JU
 Sample : PB158500BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS500

Quant Time: Jan 19 15:48:17 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP010824.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Jan 09 03:05:24 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.763	152	115293	20.000	ng/u1	-0.02
20) Naphthalene-d8	10.563	136	463271	20.000	ng/u1	-0.02
38) Acenaphthene-d10	14.416	164	327186	20.000	ng/u1	-0.01
64) Phenanthrene-d10	17.181	188	771505	20.000	ng/u1	0.00
79) Chrysene-d12	21.286	240	682573	20.000	ng/u1	0.00
88) Perylene-d12	23.645	264	694588	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.211	96	18591	6.098	ng/uL	-0.01
4) Pyridine-d5	3.622	84	263324	29.867	ng/u1	-0.02
7) Phenol-d5	6.952	99	294223	26.700	ng/u1	-0.02
9) Bis-(2-Chloroethyl)eth...	7.105	67	180524	27.389	ng/u1	-0.02
11) 2-Chlorophenol-d4	7.299	132	211419	27.930	ng/u1	-0.02
15) 4-Methylphenol-d8	8.499	113	231792	26.514	ng/u1	-0.02
21) Nitrobenzene-d5	8.934	128	110074	28.242	ng/u1	-0.02
24) 2-Nitrophenol-d4	9.652	143	127613	28.180	ng/u1	-0.02
28) 2,4-Dichlorophenol-d3	10.199	165	257118	28.103	ng/u1	-0.01
31) 4-Chloroaniline-d4	10.716	131	274957	23.792	ng/u1	-0.01
46) Dimethylphthalate-d6	13.840	166	788396	27.275	ng/u1	0.00
49) Acenaphthylene-d8	14.110	160	845736	27.294	ng/u1	-0.01
54) 4-Nitrophenol-d4	14.663	143	109435	24.654	ng/u1	0.00
60) Fluorene-d10	15.416	176	672060	28.398	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.557	200	157248	27.607	ng/u1	0.00
73) Anthracene-d10	17.281	188	1048149	27.240	ng/u1	0.00
81) Pyrene-d10	19.528	212	1259506	28.298	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.492	264	1063145	28.149	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.246	88	40937	12.962	ng/uL	98
5) Pyridine	3.646	79	270880	30.244	ng/u1	94
6) Benzaldehyde	6.911	77	174609	36.346	ng/u1	94
8) Phenol	6.981	94	309115	27.845	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.199	93	243933	27.394	ng/u1	99
12) 2-Chlorophenol	7.328	128	227029	29.018	ng/u1	97
13) 2-Methylphenol	8.228	108	229813	27.599	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.305	45	303606	28.653	ng/u1	97
16) Acetophenone	8.599	105	390950	28.075	ng/u1	96
17) N-Nitroso-di-n-propyla...	8.581	70	211249	29.115	ng/u1	97
18) 4-Methylphenol	8.558	108	246052	27.757	ng/u1	98
19) Hexachloroethane	8.834	117	101293	28.663	ng/u1	93
22) Nitrobenzene	8.975	77	322496	29.578	ng/u1	98
23) Isophorone	9.505	82	595264	28.162	ng/u1	99
25) 2-Nitrophenol	9.687	139	135093	28.400	ng/u1	94
26) 2,4-Dimethylphenol	9.757	107	279928	27.292	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.987	93	338843	27.872	ng/u1	100
29) 2,4-Dichlorophenol	10.222	162	254825	28.902	ng/u1	99
30) Naphthalene	10.610	128	732637	28.065	ng/u1	100
32) 4-Chloroaniline	10.740	127	245227	21.689	ng/u1	100
33) Hexachlorobutadiene	10.887	225	219322	28.831	ng/u1	99
34) Caprolactam	11.540	113	77443	28.008	ng/u1	97
35) 4-Chloro-3-methylphenol	11.881	107	283301	28.942	ng/u1	97
36) 2-Methylnaphthalene	12.228	142	522111	27.489	ng/u1	98

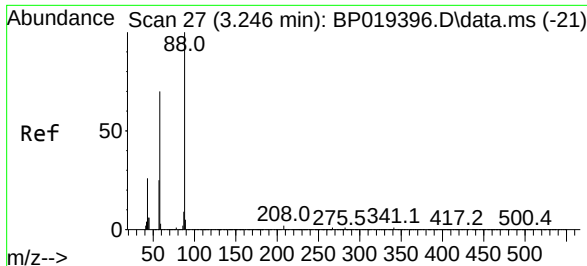
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	526491	28.331	ng/u1	99
39) 1,2,4,5-Tetrachloroben...	12.598	216	399044	28.144	ng/u1	98
40) Hexachlorocyclopentadiene	12.569	237	232225	25.519	ng/u1	98
41) 2,4,6-Trichlorophenol	12.851	196	242512	27.794	ng/u1	99
42) 2,4,5-Trichlorophenol	12.934	196	263309	28.160	ng/u1	100
43) 1,1'-Biphenyl	13.251	154	748664	27.699	ng/u1	99
44) 2-Chloronaphthalene	13.293	162	604301	27.646	ng/u1	99
45) 2-Nitroaniline	13.516	65	191003	30.465	ng/u1	99
47) Dimethylphthalate	13.887	163	813260	28.309	ng/u1	100
48) 2,6-Dinitrotoluene	14.016	165	170158	29.953	ng/u1	98
50) Acenaphthylene	14.140	152	947965	27.932	ng/u1	99
51) 3-Nitroaniline	14.345	138	136145	27.476	ng/u1	99
52) Acenaphthene	14.487	153	631736	28.409	ng/u1	99
53) 2,4-Dinitrophenol	14.563	184	90984	24.426	ng/u1	96
55) 4-Nitrophenol	14.681	109	125718	26.227	ng/u1	96
56) Dibenzofuran	14.822	168	917961	28.833	ng/u1	99
57) 2,4-Dinitrotoluene	14.810	165	243312	30.526	ng/u1	96
58) 2,3,4,6-Tetrachlorophenol	15.057	232	245668	29.595	ng/u1	99
59) Diethylphthalate	15.251	149	785206	29.208	ng/u1	100
61) Fluorene	15.475	166	760282	29.155	ng/u1	99
62) 4-Chlorophenyl-phenyle...	15.469	204	455285	29.257	ng/u1	99
63) 4-Nitroaniline	15.516	138	129053	33.595	ng/u1	96
66) 4,6-Dinitro-2-methylph...	15.575	198	165802	27.464	ng/u1	97
67) N-Nitrosodiphenylamine	15.687	169	644836	28.353	ng/u1	99
68) 4-Bromophenyl-phenylether	16.369	248	296782	28.163	ng/u1	97
69) Hexachlorobenzene	16.481	284	339675	27.969	ng/u1	97
70) Atrazine	16.651	200	233176	23.520	ng/u1	98
71) Pentachlorophenol	16.834	266	205928	27.300	ng/u1	100
72) Phenanthrene	17.222	178	1220682	28.167	ng/u1	99
74) Anthracene	17.316	178	1225154	27.887	ng/u1	99
75) 1,2,3,4-Tetrachloroben...	13.210	216	397850	27.851	ng/uL	100
76) Pentachlorobenzene	14.740	250	394534	28.432	ng/uL	99
77) Carbazole	17.598	167	1025112	27.427	ng/u1	99
78) Di-n-butylphthalate	18.145	149	1261729	28.208	ng/u1	99
80) Fluoranthene	19.204	202	1510197	28.706	ng/u1	99
82) Pyrene	19.557	202	1529099	28.636	ng/u1	99
83) Butylbenzylphthalate	20.439	149	517677	28.258	ng/u1	94
84) 3,3'-Dichlorobenzidine	21.210	252	448641	28.948	ng/u1	99
85) Benzo(a)anthracene	21.274	228	1506350	28.349	ng/u1	99
86) Bis(2-ethylhexyl)phtha...	21.198	149	723602	27.517	ng/u1	100
87) Chrysene	21.327	228	1381653	28.446	ng/u1	99
89) Di-n-octyl phthalate	22.104	149	1162790	24.527	ng/u1	100
90) Benzo(b)fluoranthene	22.927	252	1381968	27.841	ng/u1	99
91) Benzo(k)fluoranthene	22.974	252	1345063	27.933	ng/u1	99
93) Benzo(a)pyrene	23.545	252	1265781	28.379	ng/u1	99
94) Indeno(1,2,3-cd)pyrene	26.092	276	1520720	28.829	ng/u1	99
95) Dibenzo(a,h)anthracene	26.110	278	1255471	28.750	ng/u1	100
96) Benzo(g,h,i)perylene	26.845	276	1203927	28.420	ng/u1	99

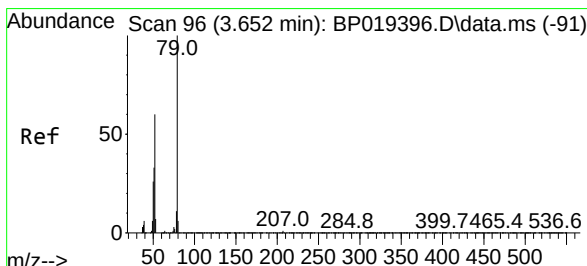
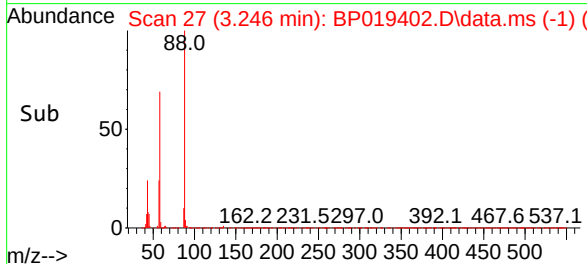
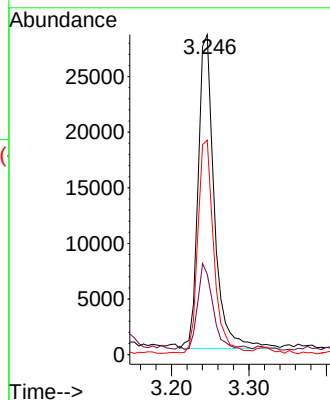
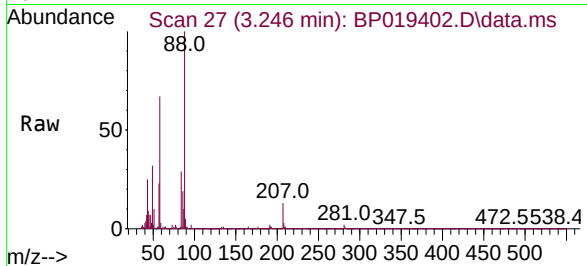
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#2
 1,4-Dioxane
 Concen: 12.962 ng/uL
 RT: 3.246 min Scan# 21
 Delta R.T. -0.012 min
 Lab File: BP019402.D
 Acq: 19 Jan 2024 15:15

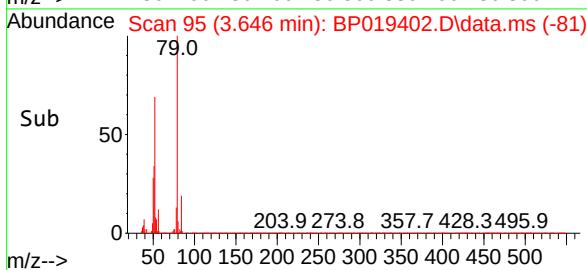
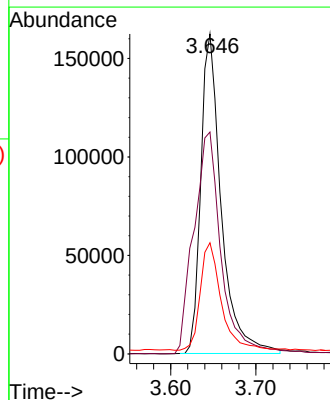
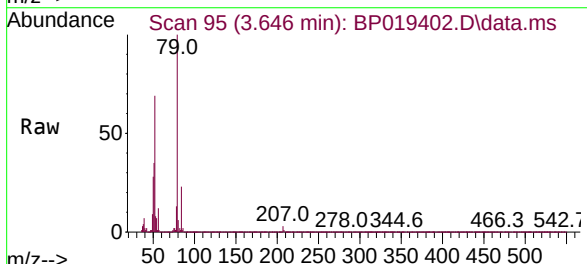
Instrument :
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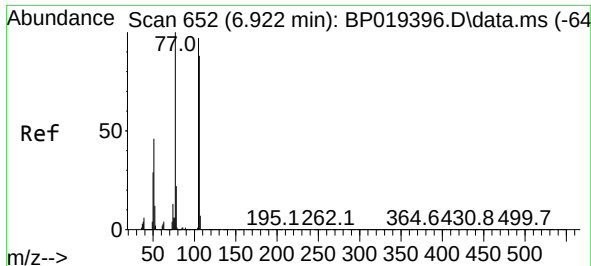
Tgt Ion: 88	Resp: 40937
Ion Ratio	Lower Upper
88	100
43	25.1 22.0 33.0
58	67.0 54.6 82.0



#5
 Pyridine
 Concen: 30.244 ng/uL
 RT: 3.646 min Scan# 95
 Delta R.T. -0.018 min
 Lab File: BP019402.D
 Acq: 19 Jan 2024 15:15

Tgt Ion: 79	Resp: 270880
Ion Ratio	Lower Upper
79	100
52	69.3 50.7 76.1
51	34.7 26.8 40.2

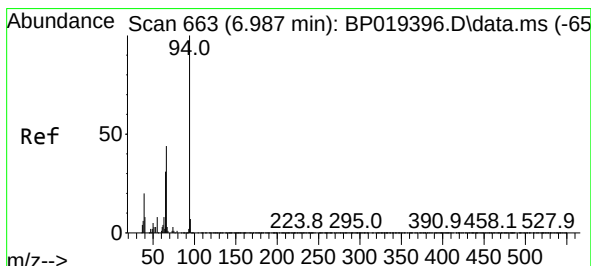
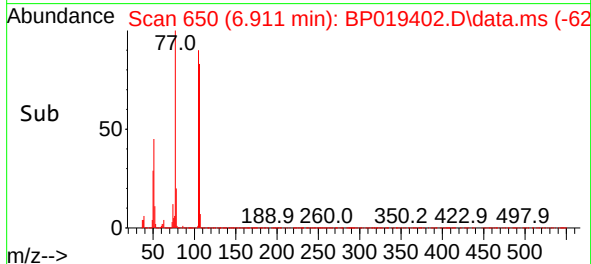
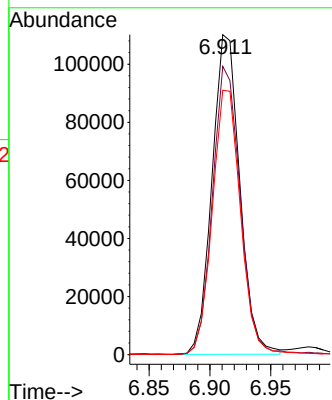
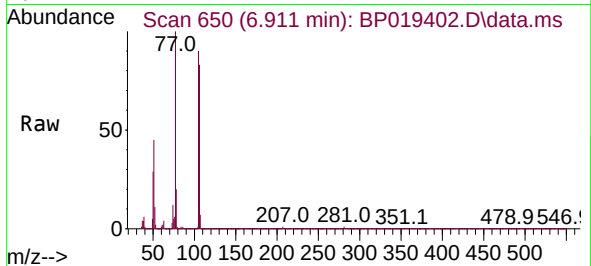




#6
Benzaldehyde
Concen: 36.346 ng/ul
RT: 6.911 min Scan# 61
Delta R.T. -0.024 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

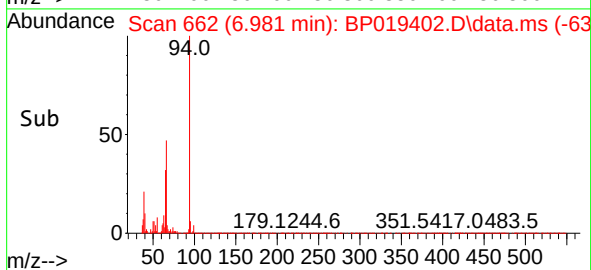
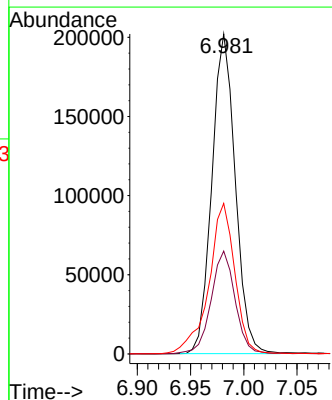
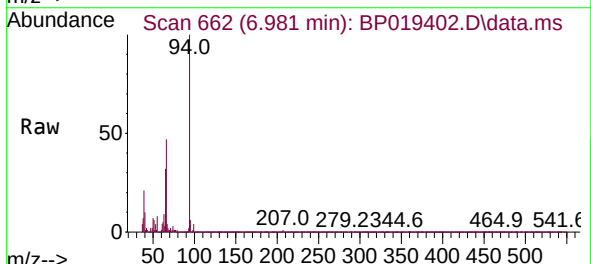
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BNA_P
ClientSampleId :
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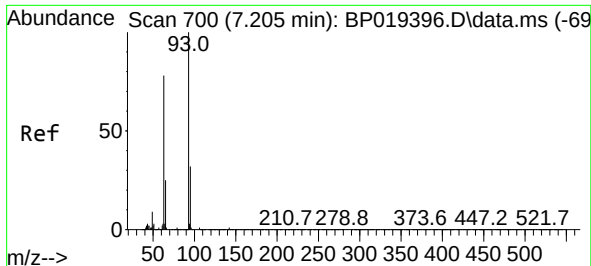
Tgt Ion: 77 Resp: 174609
Ion Ratio Lower Upper
77 100
105 90.1 75.3 112.9
106 82.6 71.5 107.3



#8
Phenol
Concen: 27.845 ng/ul
RT: 6.981 min Scan# 662
Delta R.T. -0.018 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion: 94 Resp: 309115
Ion Ratio Lower Upper
94 100
65 32.1 25.3 37.9
66 47.0 36.8 55.2





#10

Bis(2-Chloroethyl)ether

Concen: 27.394 ng/ul

RT: 7.199 min Scan# 69

Delta R.T. -0.018 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

SLCS500

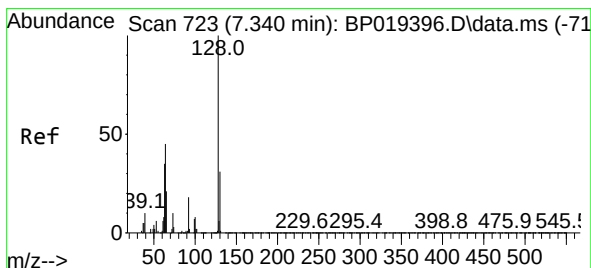
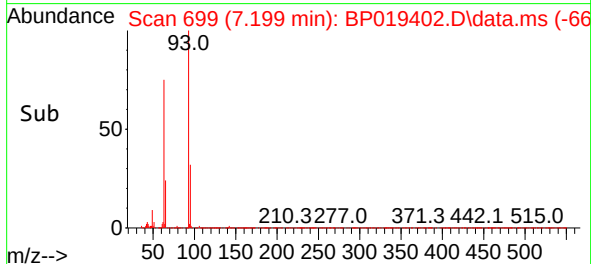
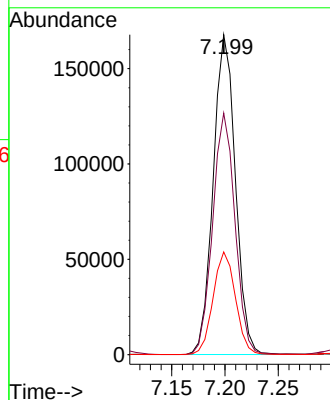
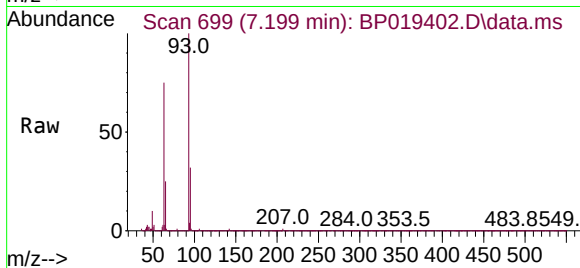
Tgt Ion: 93 Resp: 243933

Ion Ratio Lower Upper

93 100

63 75.5 60.7 91.1

95 32.1 26.2 39.2



#12

2-Chlorophenol

Concen: 29.018 ng/ul

RT: 7.328 min Scan# 721

Delta R.T. -0.024 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

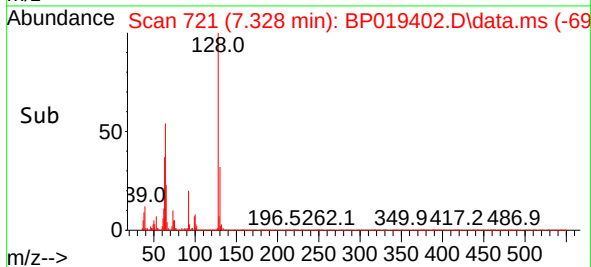
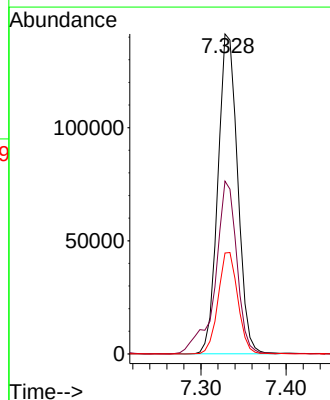
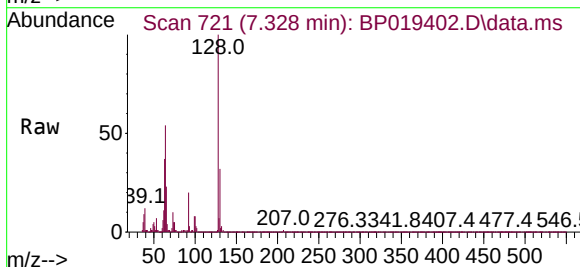
Tgt Ion:128 Resp: 227029

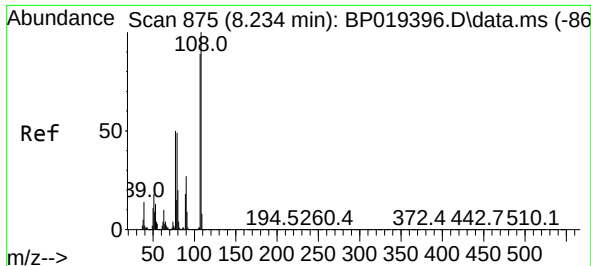
Ion Ratio Lower Upper

128 100

64 54.0 41.3 61.9

130 31.5 25.9 38.9





#13

2-Methylphenol

Concen: 27.599 ng/ul

RT: 8.228 min Scan# 81

Delta R.T. -0.018 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

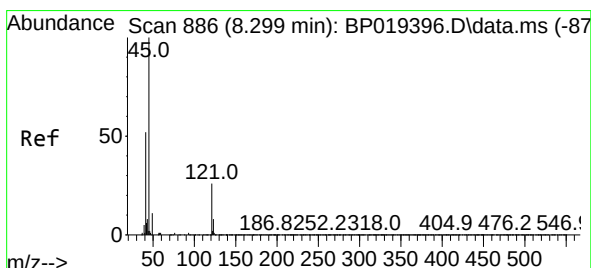
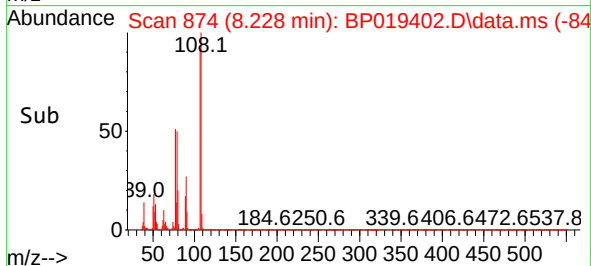
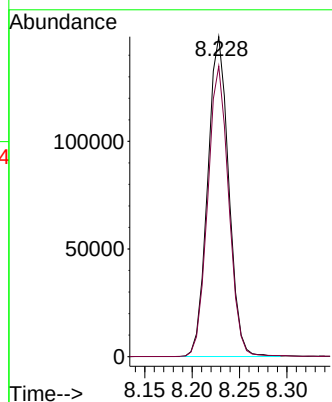
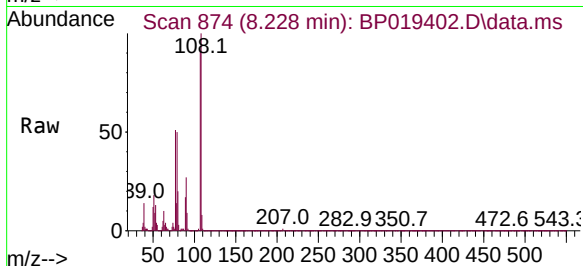
SLCS500

Tgt Ion:108 Resp: 229813

Ion Ratio Lower Upper

108 100

107 90.8 71.9 107.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 28.653 ng/ul

RT: 8.305 min Scan# 887

Delta R.T. -0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

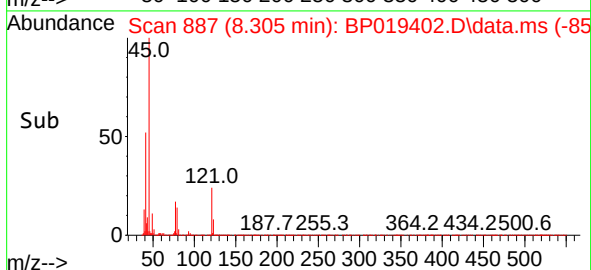
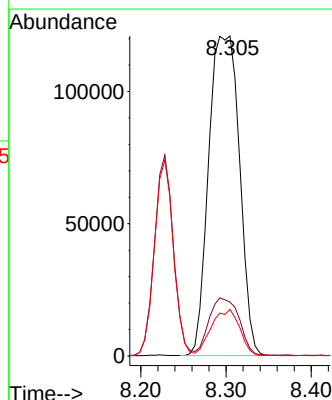
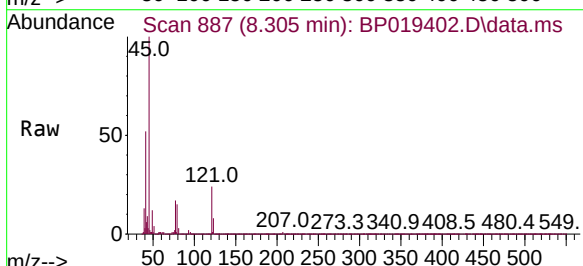
Tgt Ion: 45 Resp: 303606

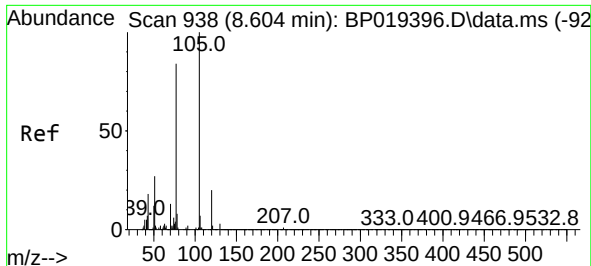
Ion Ratio Lower Upper

45 100

77 16.8 14.2 21.4

79 14.5 10.5 15.7

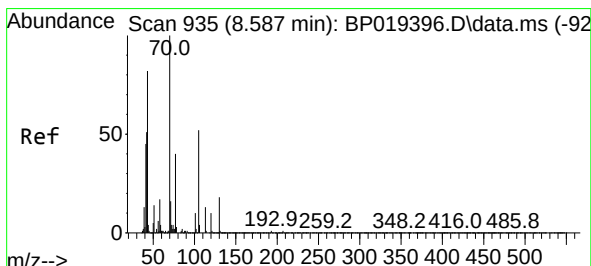
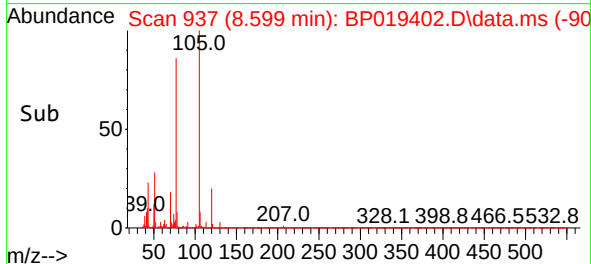
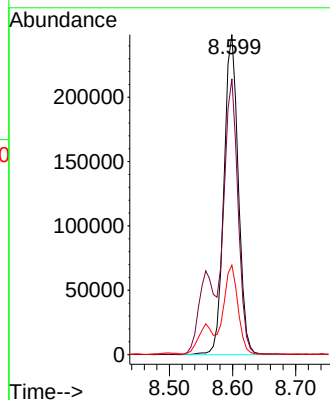
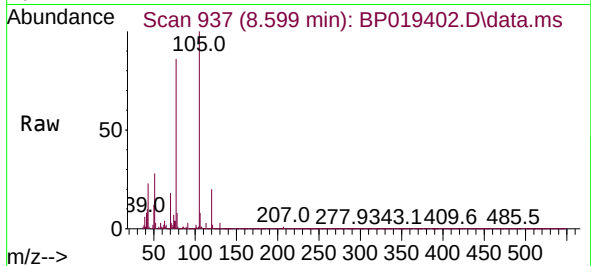




#16
Acetophenone
Concen: 28.075 ng/ul
RT: 8.599 min Scan# 931
Delta R.T. -0.018 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

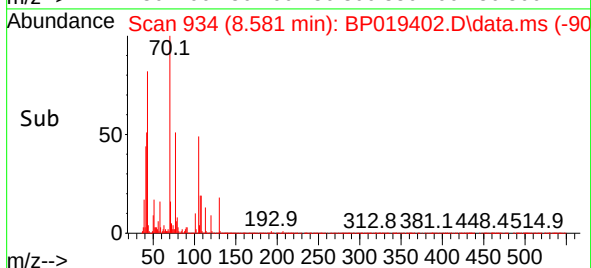
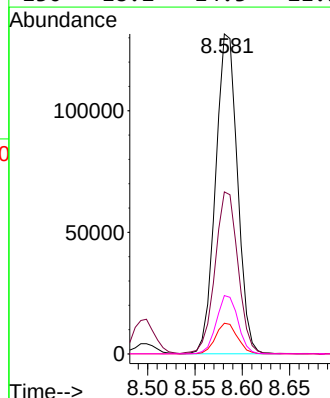
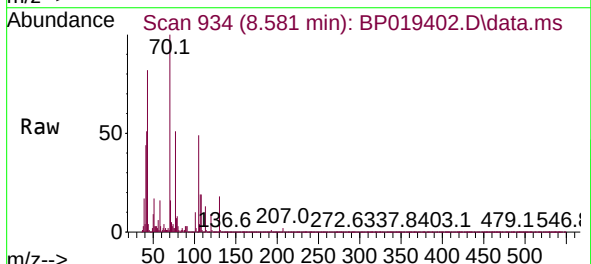
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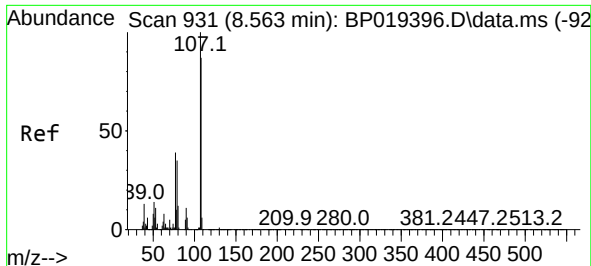
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Ion Ratio Lower Upper
105 100
77 86.2 66.1 99.1
51 28.0 20.9 31.3



#17
N-Nitroso-di-n-propylamine
Concen: 29.115 ng/ul
RT: 8.581 min Scan# 934
Delta R.T. -0.018 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion: 70 Resp: 211249
Ion Ratio Lower Upper
70 100
42 50.6 38.5 57.7
101 9.6 7.9 11.9
130 18.2 14.3 21.5

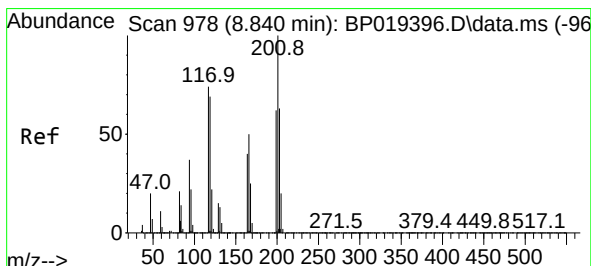
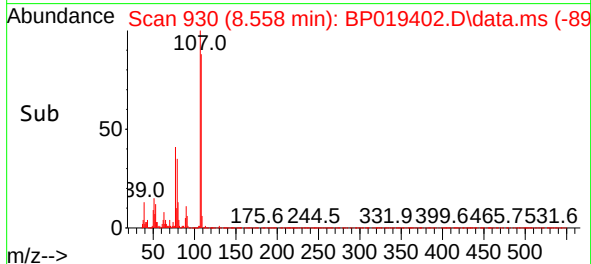
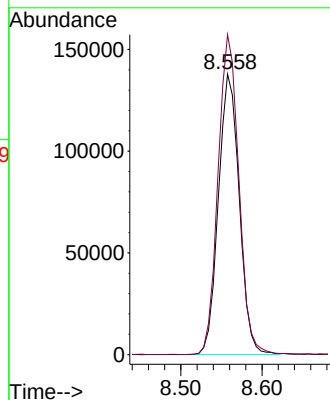
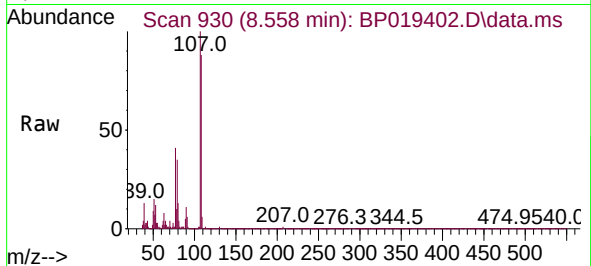




#18
4-Methylphenol
Concen: 27.757 ng/ul
RT: 8.558 min Scan# 931
Delta R.T. -0.018 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

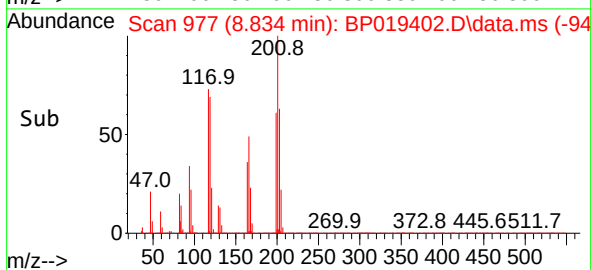
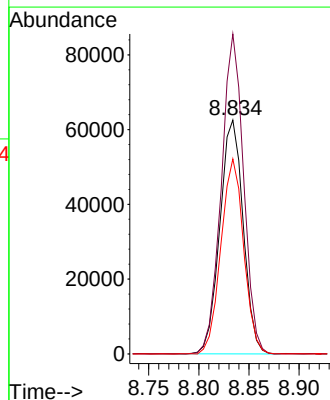
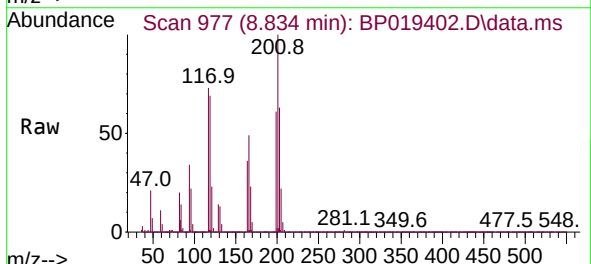
Instrument :
BNA_P
ClientSampleId :
SLCS500

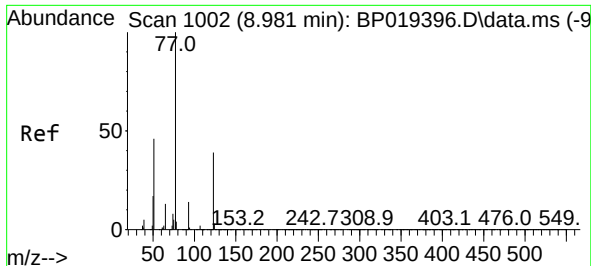
Tgt Ion:108 Resp: 246052
Ion Ratio Lower Upper
108 100
107 114.1 92.6 139.0



#19
Hexachloroethane
Concen: 28.663 ng/ul
RT: 8.834 min Scan# 977
Delta R.T. -0.018 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion:117 Resp: 101293
Ion Ratio Lower Upper
117 100
201 136.8 101.8 152.6
199 83.4 62.6 93.8

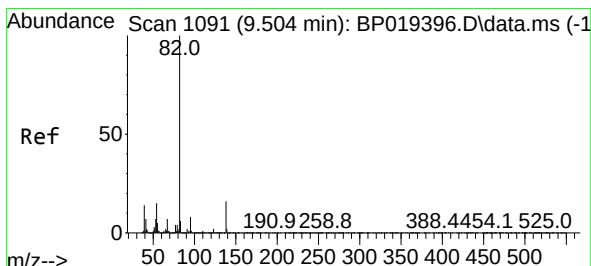
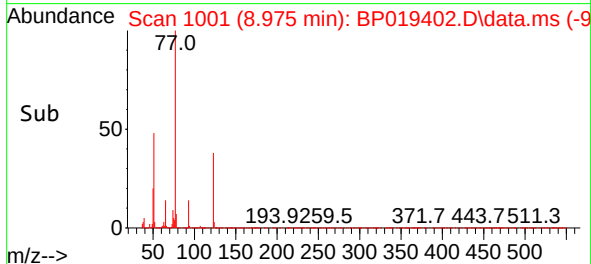
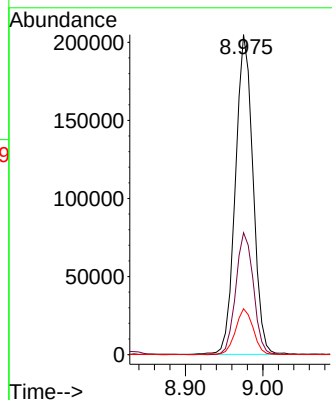
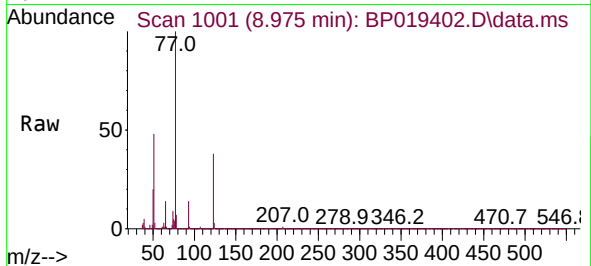




#22
Nitrobenzene
Concen: 29.578 ng/ul
RT: 8.975 min Scan# 1001
Delta R.T. -0.018 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

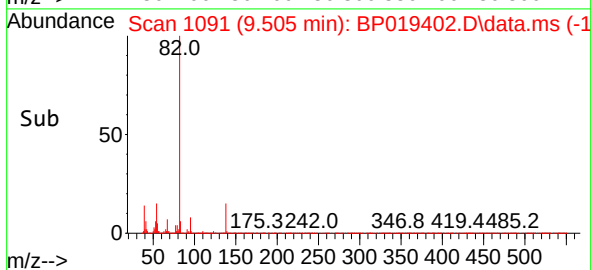
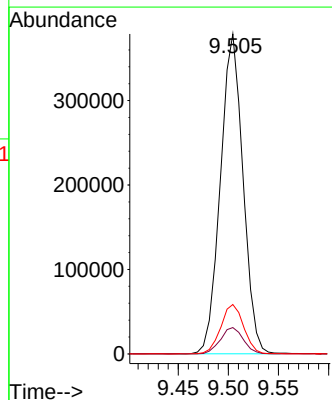
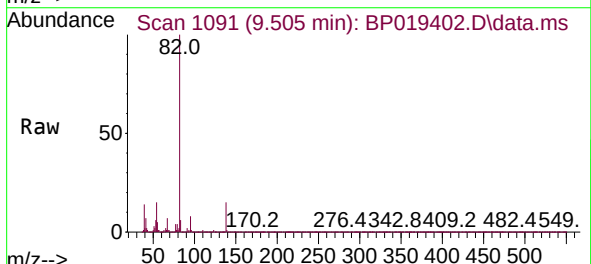
Instrument :
BNA_P
ClientSampleId :
SLCS500

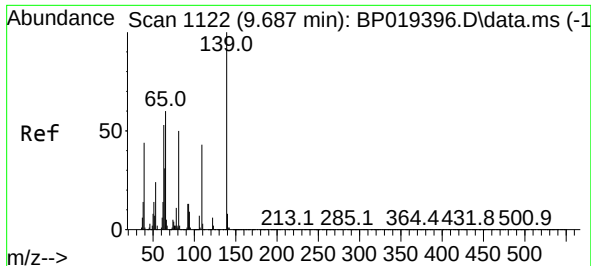
Tgt Ion: 77 Resp: 322496
Ion Ratio Lower Upper
77 100
123 38.1 30.0 45.0
65 14.3 10.5 15.7



#23
Isophorone
Concen: 28.162 ng/ul
RT: 9.505 min Scan# 1091
Delta R.T. -0.018 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion: 82 Resp: 595264
Ion Ratio Lower Upper
82 100
95 8.2 6.6 10.0
138 15.4 13.0 19.4

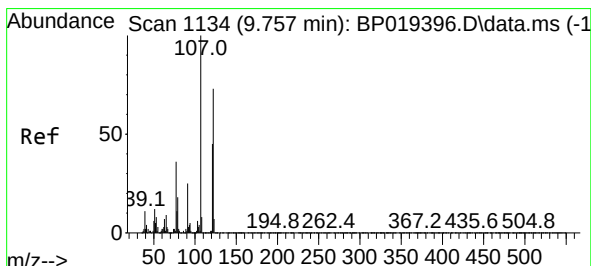
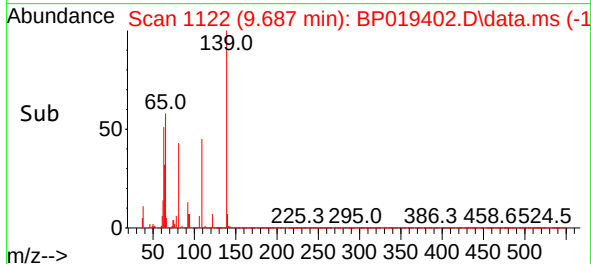
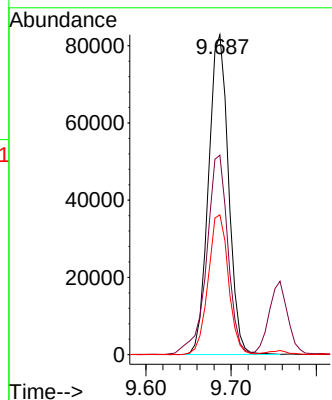
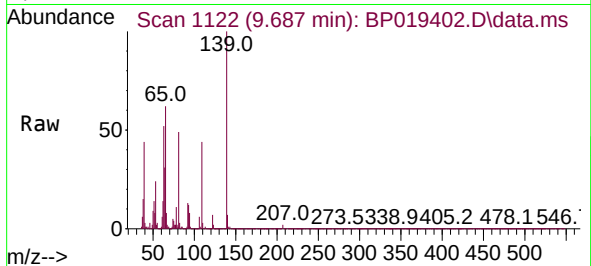




#25
2-Nitrophenol
Concen: 28.400 ng/ul
RT: 9.687 min Scan# 1122
Delta R.T. -0.018 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

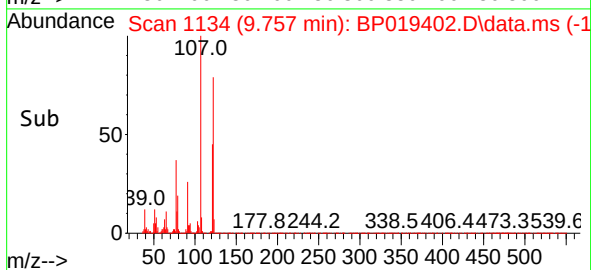
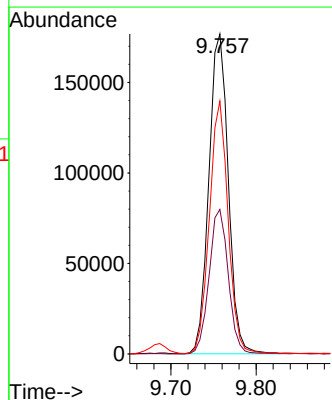
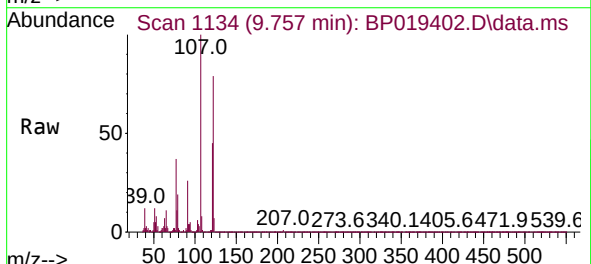
Instrument :
BNA_P
ClientSampleId :
SLCS500

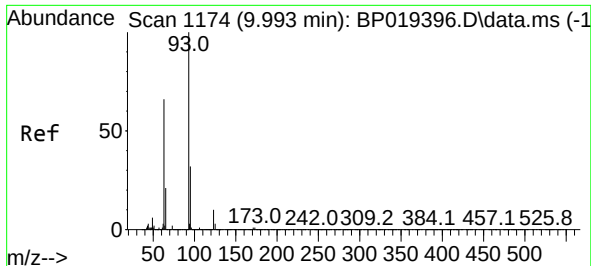
Tgt Ion:139	Resp:	135093
Ion	Ratio	Lower Upper
139	100	
65	62.3	45.6 68.4
109	43.7	32.6 49.0



#26
2,4-Dimethylphenol
Concen: 27.292 ng/ul
RT: 9.757 min Scan# 1134
Delta R.T. -0.018 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion:107	Resp:	279928
Ion	Ratio	Lower Upper
107	100	
121	45.1	35.3 52.9
122	79.0	60.6 91.0

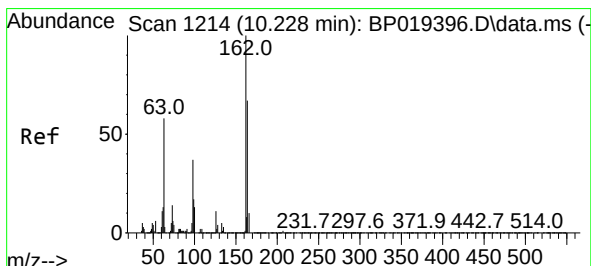
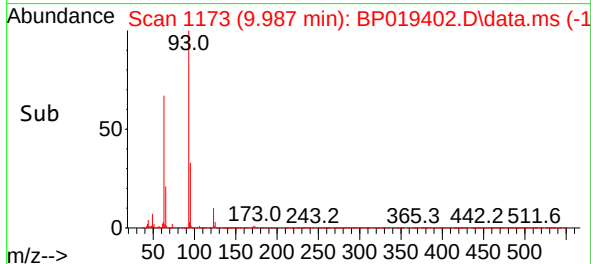
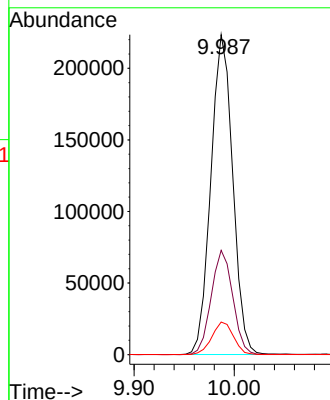
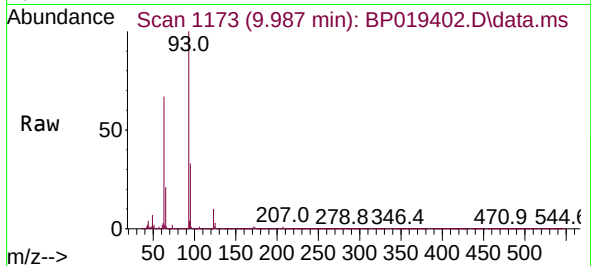




#27
 Bis(2-Chloroethoxy)methane
 Concen: 27.872 ng/ul
 RT: 9.987 min Scan# 1173
 Delta R.T. -0.018 min
 Lab File: BP019402.D
 Acq: 19 Jan 2024 15:15

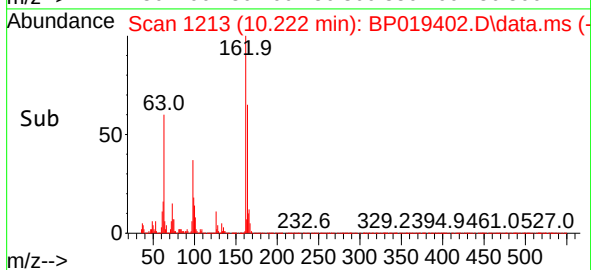
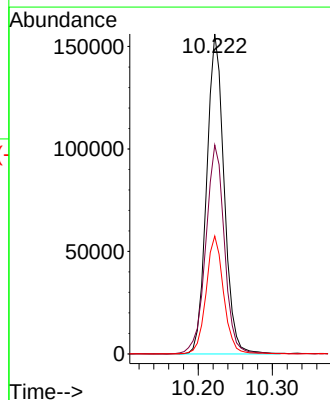
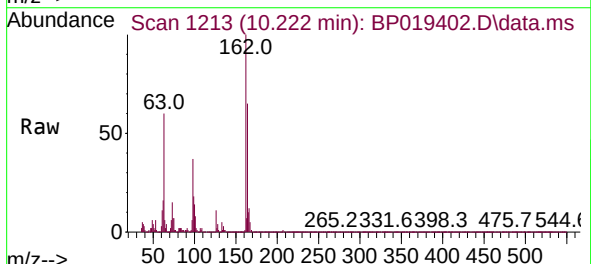
Instrument :
 BNA_P
 ClientSampleId :
 SLCS500

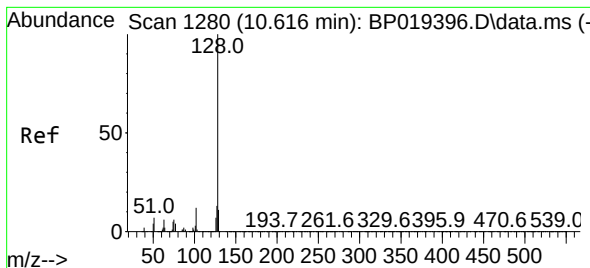
Tgt Ion: 93 Resp: 338843
 Ion Ratio Lower Upper
 93 100
 95 32.6 25.9 38.9
 123 10.2 7.9 11.9



#29
 2,4-Dichlorophenol
 Concen: 28.902 ng/ul
 RT: 10.222 min Scan# 1213
 Delta R.T. -0.018 min
 Lab File: BP019402.D
 Acq: 19 Jan 2024 15:15

Tgt Ion:162 Resp: 254825
 Ion Ratio Lower Upper
 162 100
 164 65.3 52.3 78.5
 98 36.8 28.3 42.5

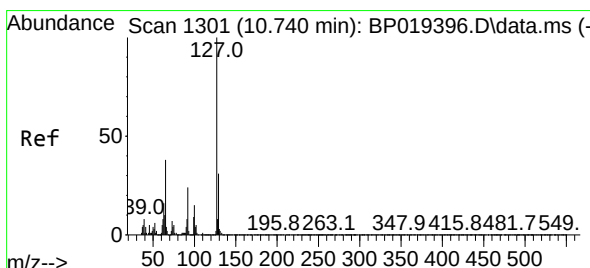
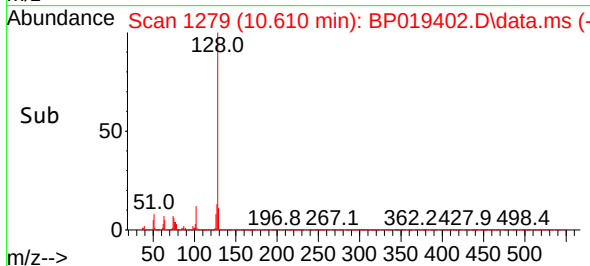
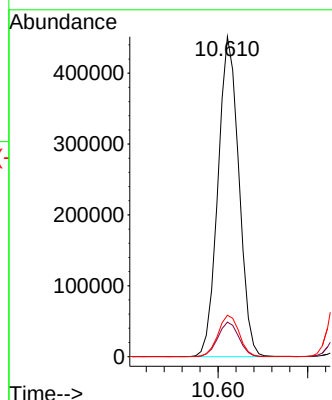
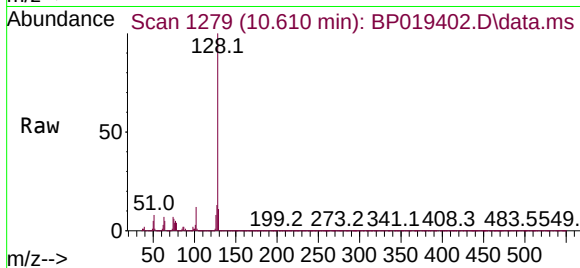




#30
Naphthalene
Concen: 28.065 ng/ul
RT: 10.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

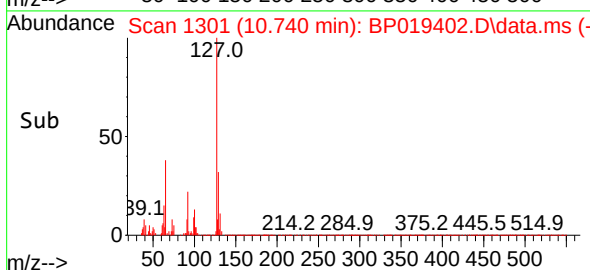
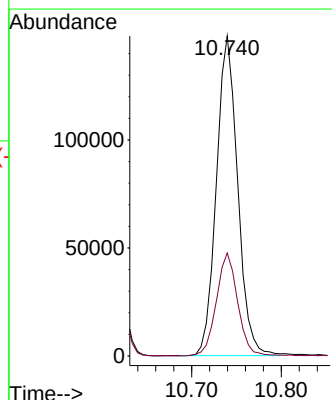
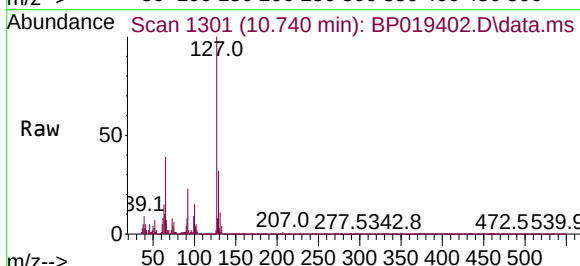
Instrument :
BNA_P
ClientSampleId :
SLCS500

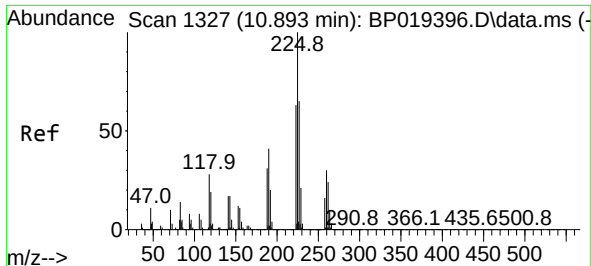
Tgt Ion:128 Resp: 732637
Ion Ratio Lower Upper
128 100
129 10.8 8.6 12.8
127 12.9 10.6 15.8



#32
4-Chloroaniline
Concen: 21.689 ng/ul
RT: 10.740 min Scan# 1301
Delta R.T. -0.018 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion:127 Resp: 245227
Ion Ratio Lower Upper
127 100
129 32.1 25.8 38.8

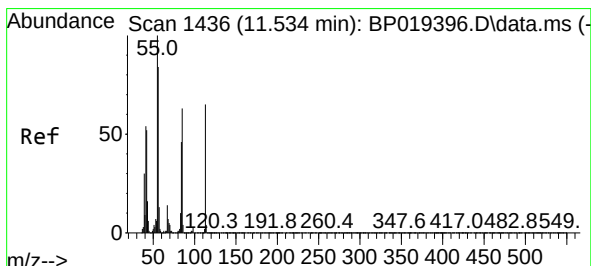
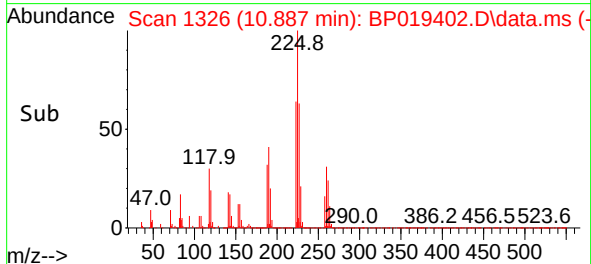
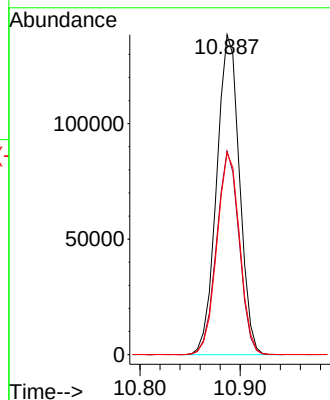
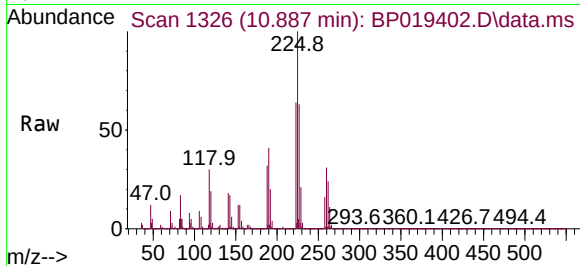




#33
Hexachlorobutadiene
Concen: 28.831 ng/ul
RT: 10.887 min Scan# 1326
Delta R.T. -0.018 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

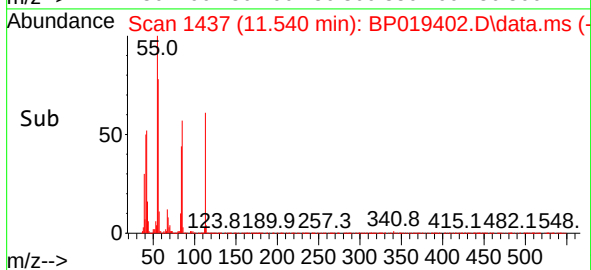
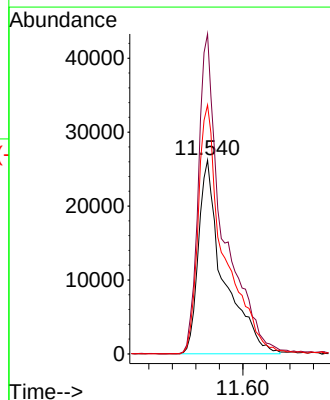
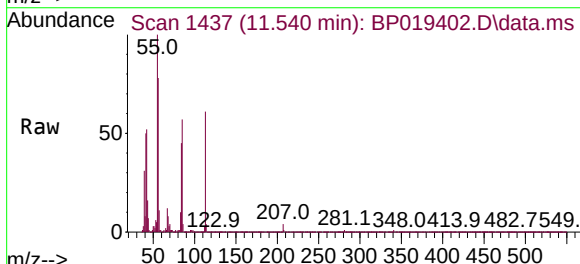
Instrument :
BNA_P
ClientSampleId :
SLCS500

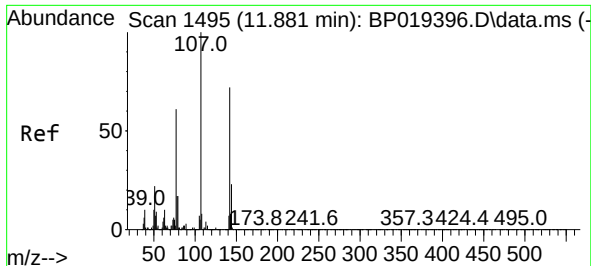
Tgt Ion:225 Resp: 219322
Ion Ratio Lower Upper
225 100
223 63.6 49.9 74.9
227 63.1 51.0 76.6



#34
Caprolactam
Concen: 28.008 ng/ul
RT: 11.540 min Scan# 1437
Delta R.T. -0.006 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion:113 Resp: 77443
Ion Ratio Lower Upper
113 100
55 165.2 133.3 199.9
56 128.4 108.0 162.0

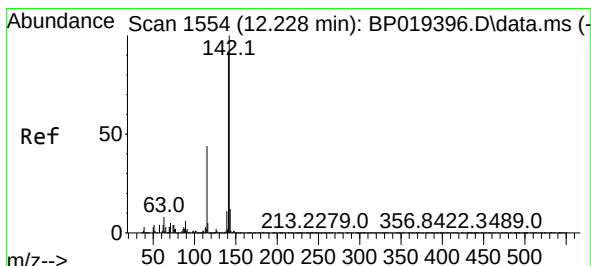
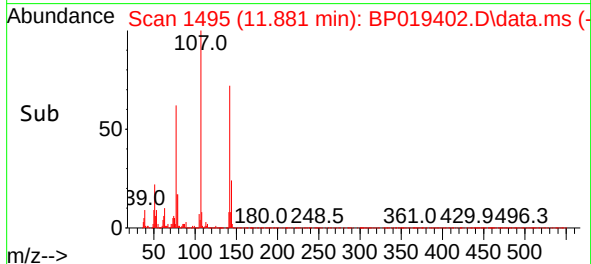
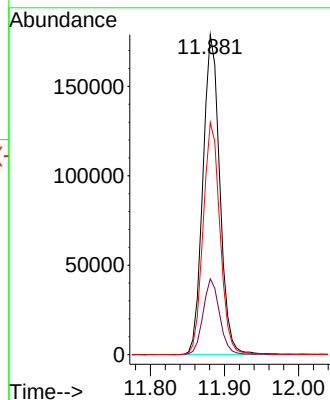
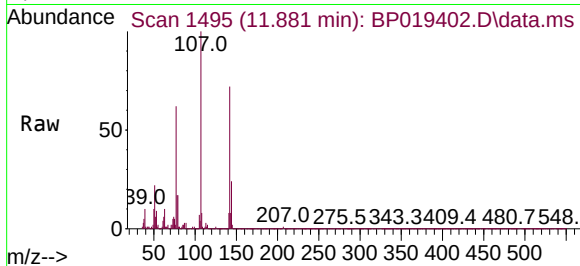




#35
4-Chloro-3-methylphenol
Concen: 28.942 ng/ul
RT: 11.881 min Scan# 1495
Delta R.T. -0.012 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

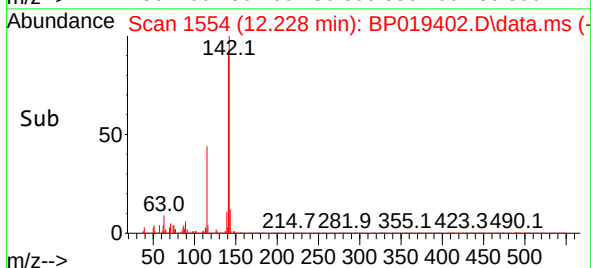
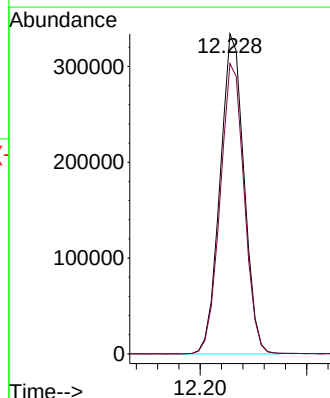
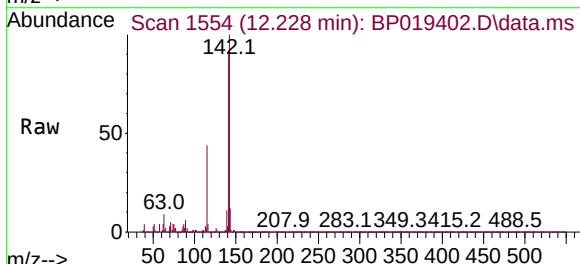
Instrument :
BNA_P
ClientSampleId :
SLCS500

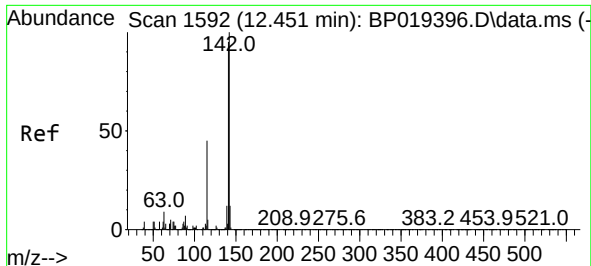
Tgt Ion:107 Resp: 283301
Ion Ratio Lower Upper
107 100
144 23.7 17.8 26.8
142 72.5 56.3 84.5



#36
2-Methylnaphthalene
Concen: 27.489 ng/ul
RT: 12.228 min Scan# 1554
Delta R.T. -0.018 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion:142 Resp: 522111
Ion Ratio Lower Upper
142 100
141 90.7 71.1 106.7

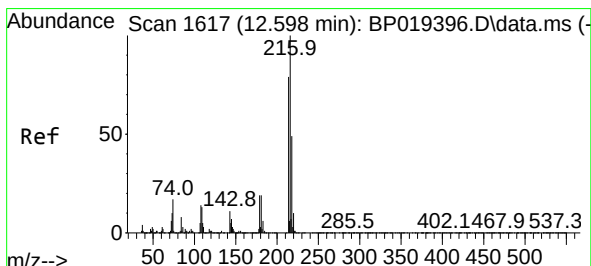
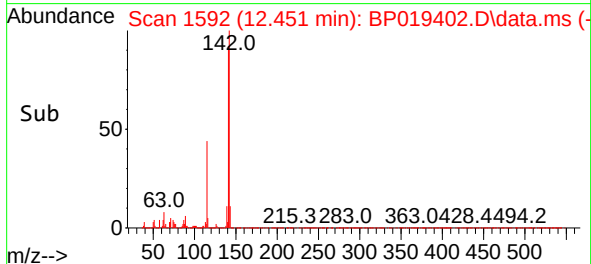
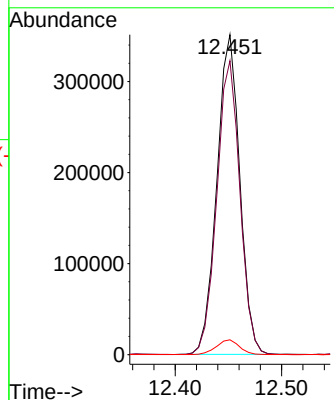
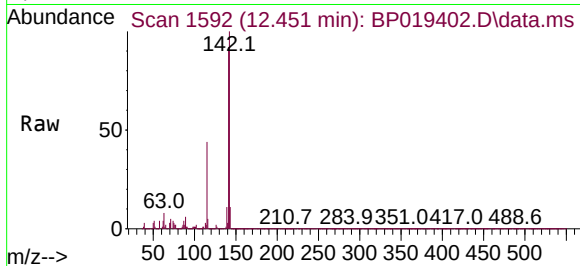




#37
1-Methylnaphthalene
Concen: 28.331 ng/ul
RT: 12.451 min Scan# 1592
Delta R.T. -0.012 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

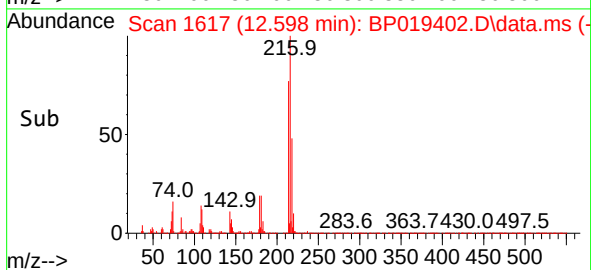
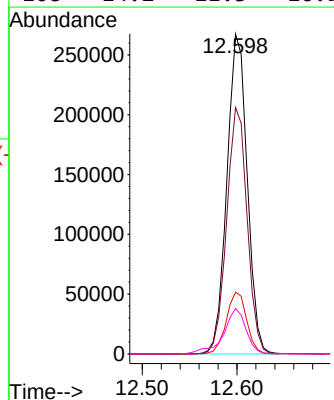
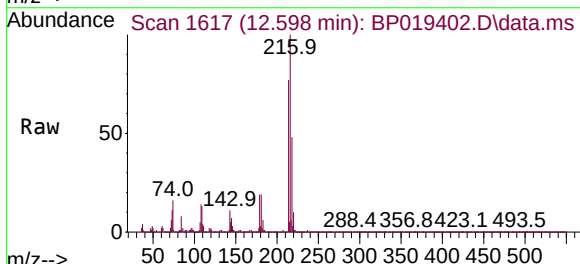
Instrument :
BNA_P
ClientSampleId :
SLCS500

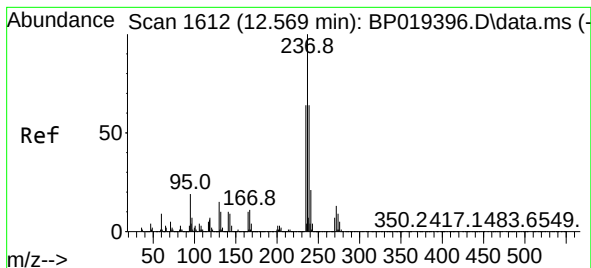
Tgt Ion:	142	Resp:	526491
Ion	Ratio	Lower	Upper
142	100		
141	91.8	74.4	111.6
116	4.6	3.9	5.9



#39
1,2,4,5-Tetrachlorobenzene
Concen: 28.144 ng/ul
RT: 12.598 min Scan# 1617
Delta R.T. -0.018 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion:	216	Resp:	399044
Ion	Ratio	Lower	Upper
216	100		
214	77.0	63.6	95.4
179	19.3	15.1	22.7
108	14.2	11.3	16.9

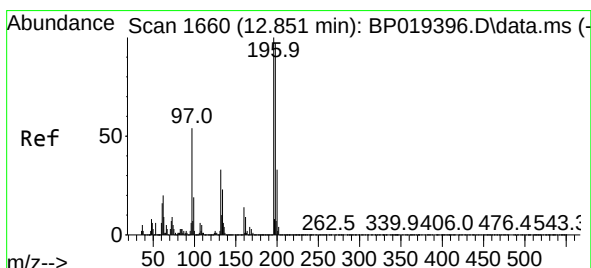
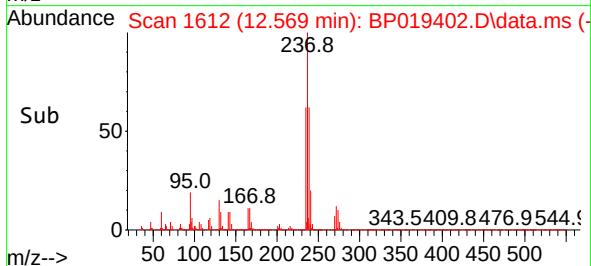
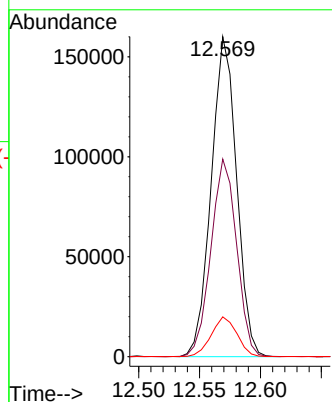
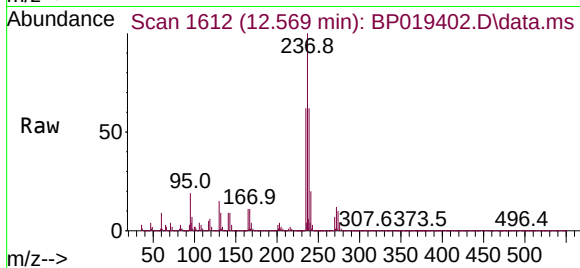




#40
Hexachlorocyclopentadiene
Concen: 25.519 ng/ul
RT: 12.569 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

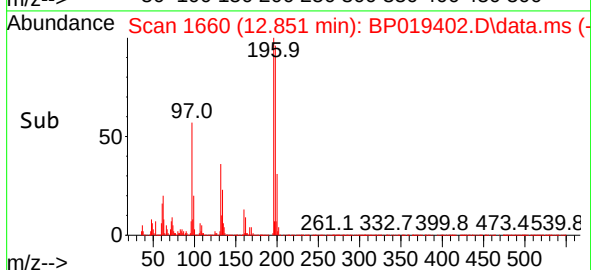
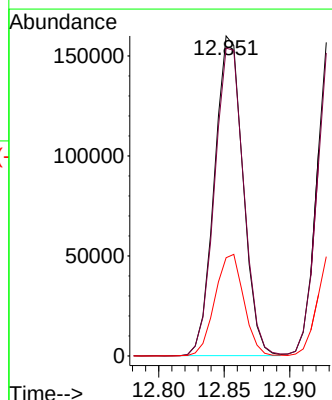
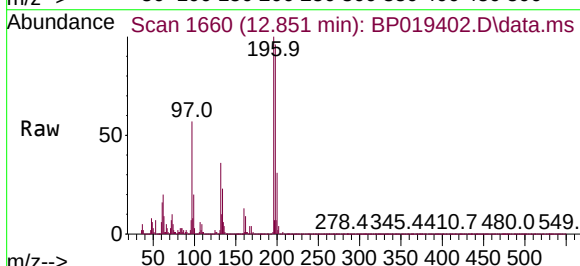
Instrument :
BNA_P
ClientSampleId :
SLCS500

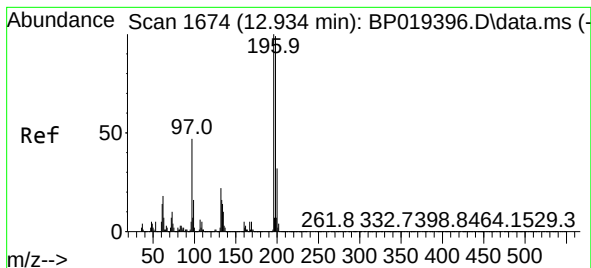
Tgt Ion:237 Resp: 232225
Ion Ratio Lower Upper
237 100
235 61.7 50.0 75.0
272 12.4 11.4 17.2



#41
2,4,6-Trichlorophenol
Concen: 27.794 ng/ul
RT: 12.851 min Scan# 1660
Delta R.T. -0.012 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion:196 Resp: 242512
Ion Ratio Lower Upper
196 100
198 96.2 78.2 117.2
200 30.7 24.6 36.8





#42

2,4,5-Trichlorophenol

Concen: 28.160 ng/ul

RT: 12.934 min Scan# 1674

Delta R.T. -0.012 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

SLCS500

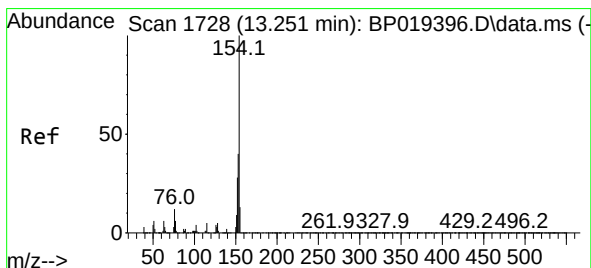
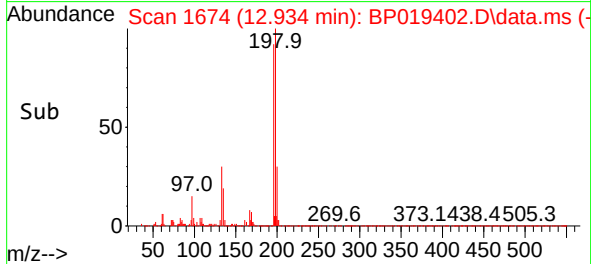
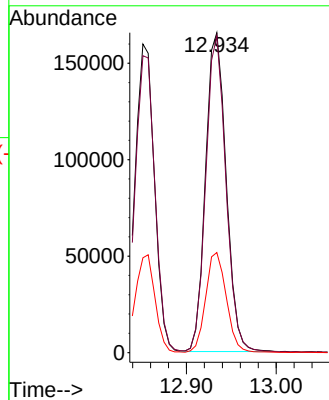
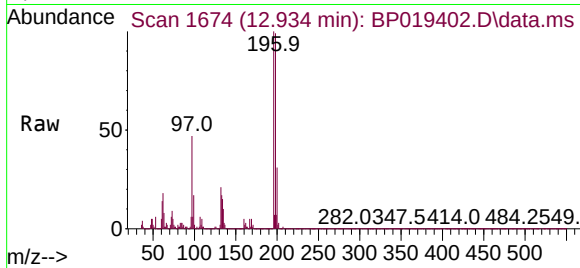
Tgt Ion:196 Resp: 263309

Ion Ratio Lower Upper

196 100

198 99.0 78.9 118.3

200 31.3 25.0 37.6



#43

1,1'-Biphenyl

Concen: 27.699 ng/ul

RT: 13.251 min Scan# 1728

Delta R.T. -0.012 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

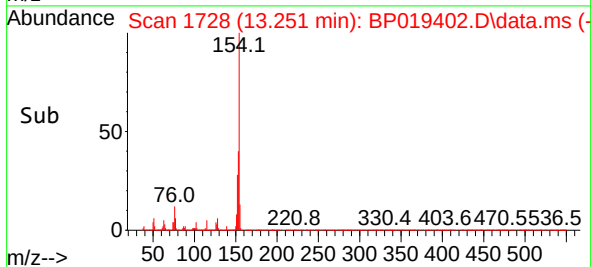
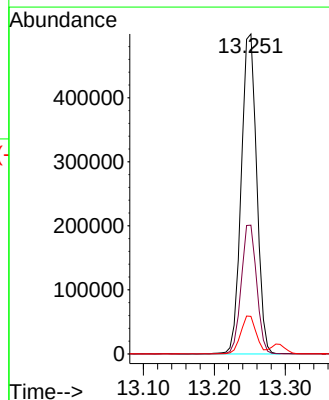
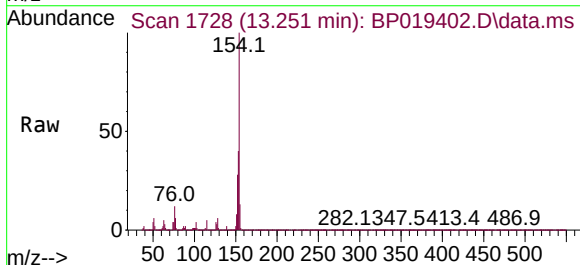
Tgt Ion:154 Resp: 748664

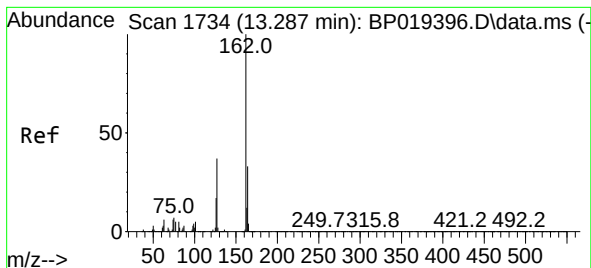
Ion Ratio Lower Upper

154 100

153 40.2 32.6 48.8

76 11.7 9.3 13.9





#44

2-Chloronaphthalene

Concen: 27.646 ng/ul

RT: 13.293 min Scan# 1735

Delta R.T. -0.012 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

SLCS500

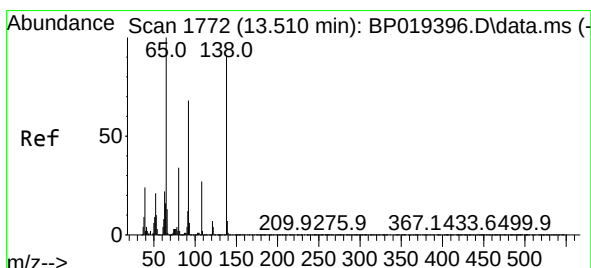
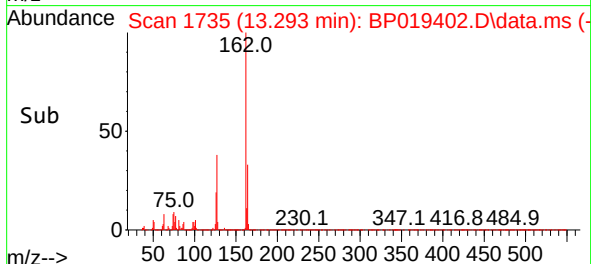
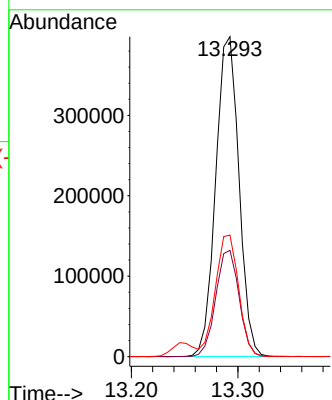
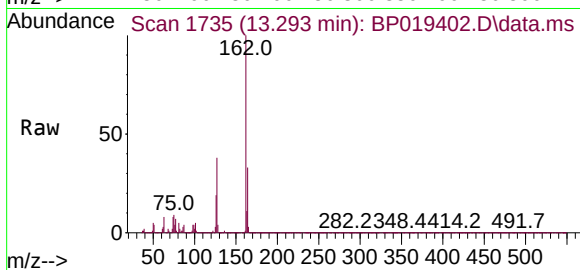
Tgt Ion:162 Resp: 604301

Ion Ratio Lower Upper

162 100

164 33.2 26.6 40.0

127 38.0 29.4 44.2



#45

2-Nitroaniline

Concen: 30.465 ng/ul

RT: 13.516 min Scan# 1773

Delta R.T. -0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

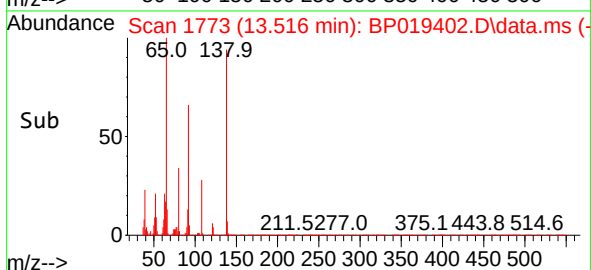
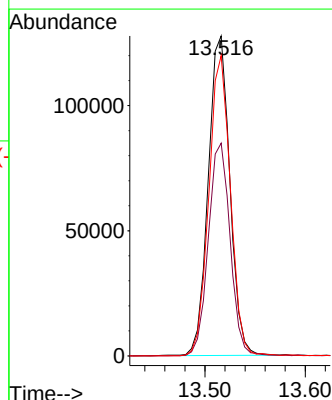
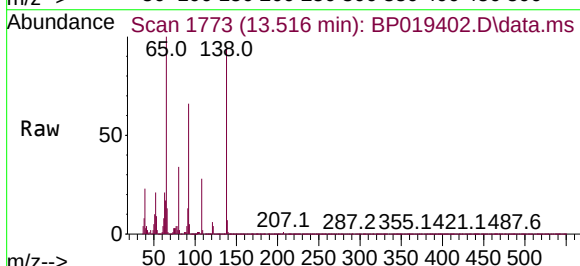
Tgt Ion: 65 Resp: 191003

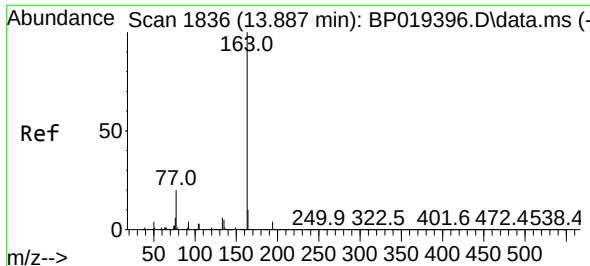
Ion Ratio Lower Upper

65 100

92 66.5 52.1 78.1

138 93.8 74.8 112.2

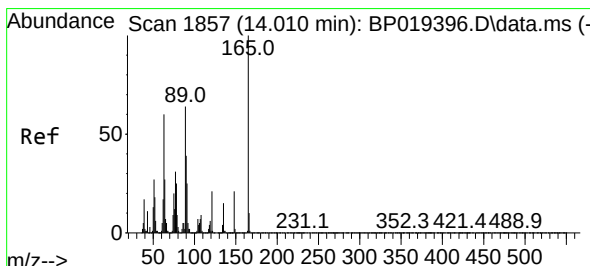
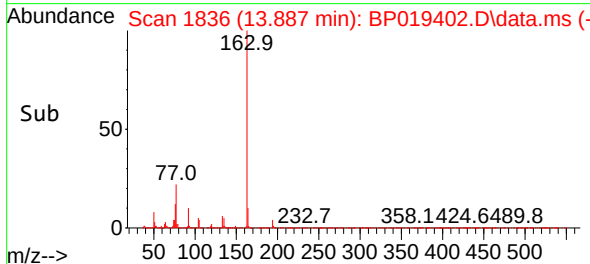
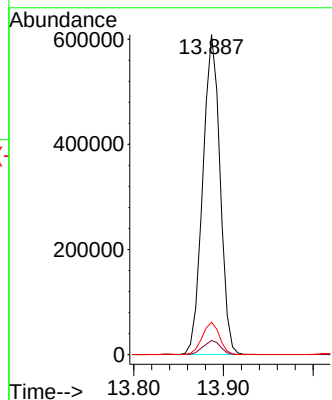
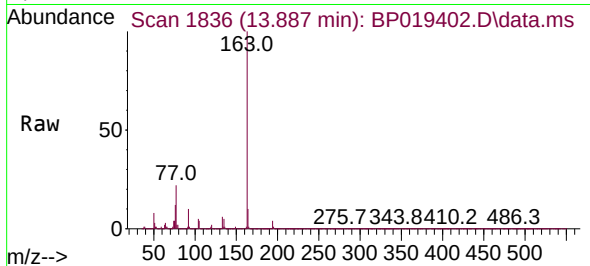




#47
Dimethylphthalate
Concen: 28.309 ng/ul
RT: 13.887 min Scan# 1836
Delta R.T. -0.006 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

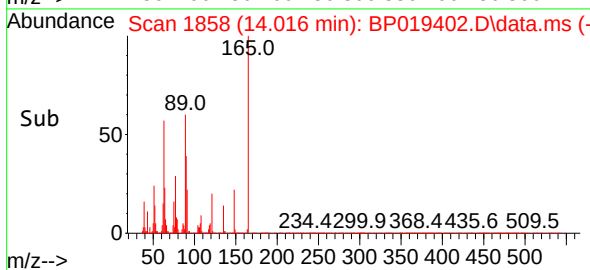
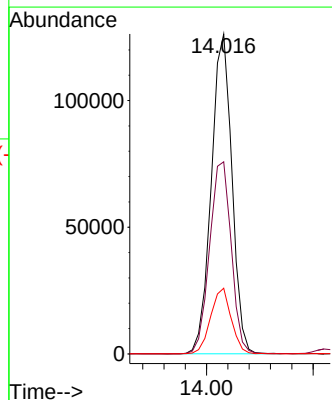
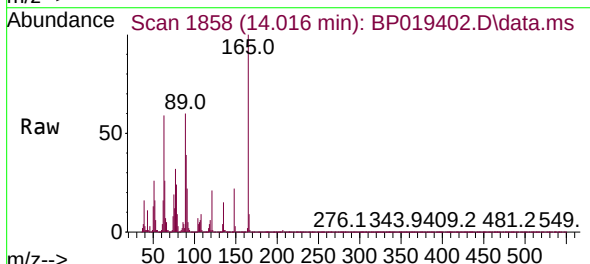
Instrument :
BNA_P
ClientSampleId :
SLCS500

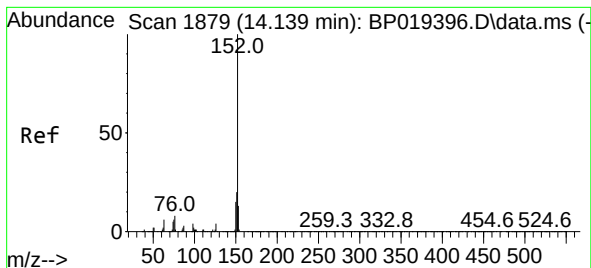
Tgt Ion:163 Resp: 813260
Ion Ratio Lower Upper
163 100
194 4.4 3.4 5.2
164 10.1 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 29.953 ng/ul
RT: 14.016 min Scan# 1858
Delta R.T. -0.006 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion:165 Resp: 170158
Ion Ratio Lower Upper
165 100
89 60.0 49.9 74.9
121 20.5 16.5 24.7





#50

Acenaphthylene

Concen: 27.932 ng/ul

RT: 14.140 min Scan# 1879

Delta R.T. -0.012 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

SLCS500

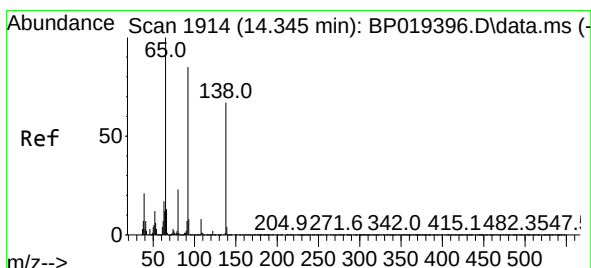
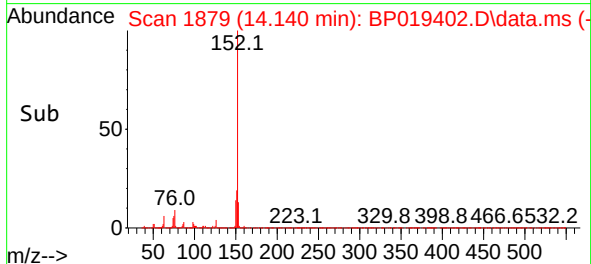
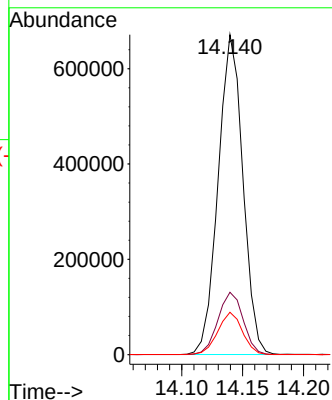
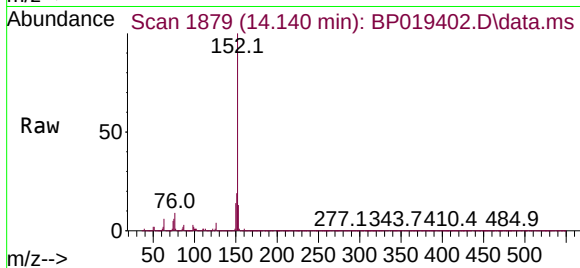
Tgt Ion:152 Resp: 947965

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.6

153 13.2 10.3 15.5



#51

3-Nitroaniline

Concen: 27.476 ng/ul

RT: 14.345 min Scan# 1914

Delta R.T. -0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

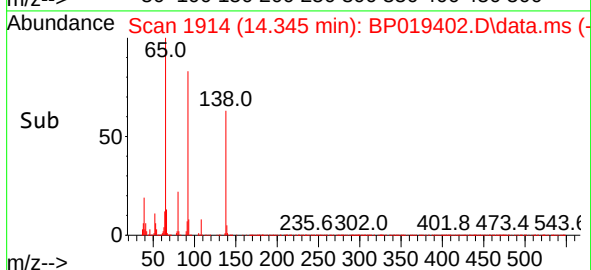
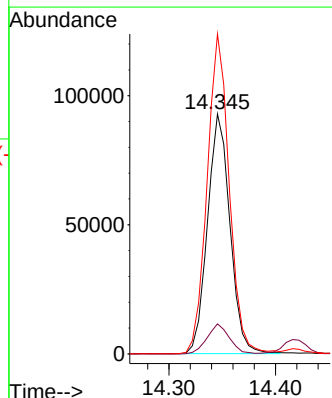
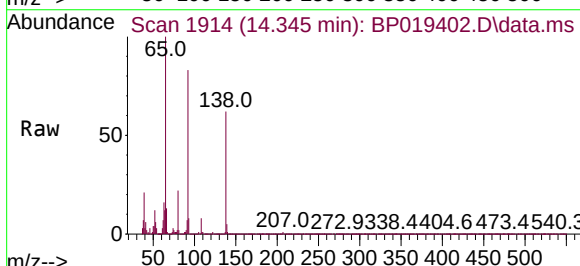
Tgt Ion:138 Resp: 136145

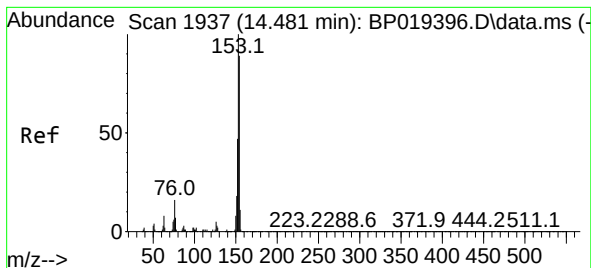
Ion Ratio Lower Upper

138 100

108 12.5 10.6 15.8

92 133.3 105.8 158.6





#52

Acenaphthene

Concen: 28.409 ng/ul

RT: 14.487 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

SLCS500

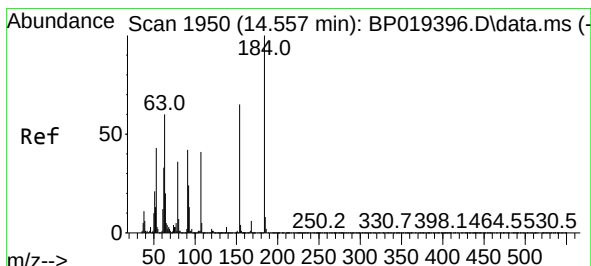
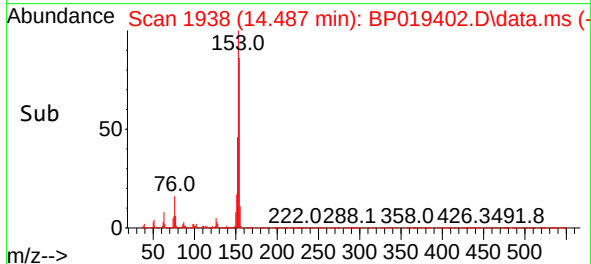
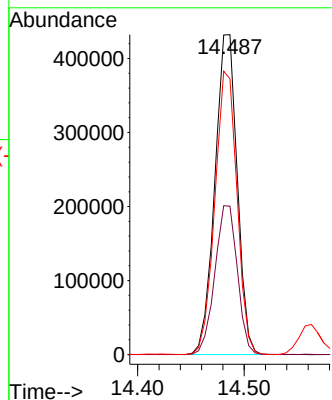
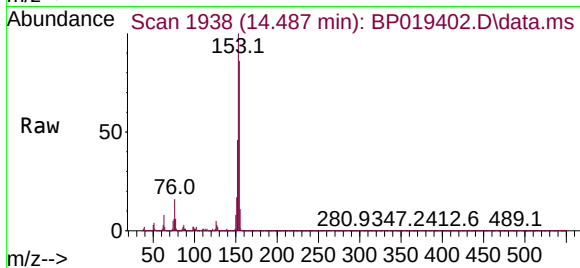
Tgt Ion:153 Resp: 631736

Ion Ratio Lower Upper

153 100

152 46.4 38.2 57.2

154 86.2 68.9 103.3



#53

2,4-Dinitrophenol

Concen: 24.426 ng/ul

RT: 14.563 min Scan# 1951

Delta R.T. -0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

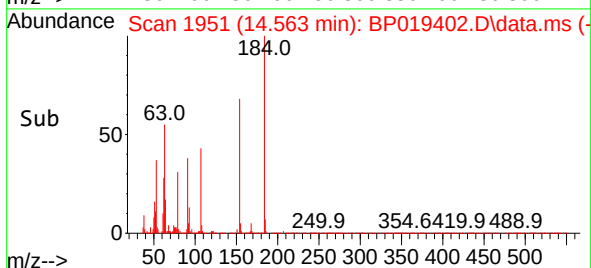
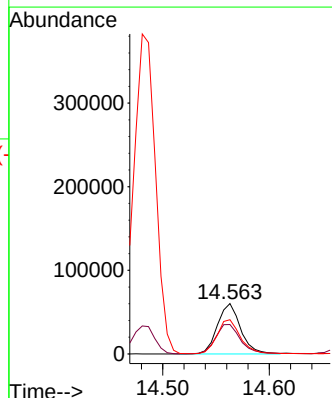
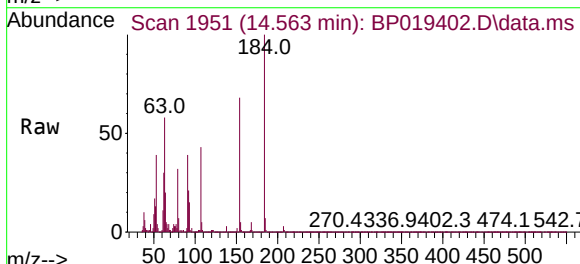
Tgt Ion:184 Resp: 90984

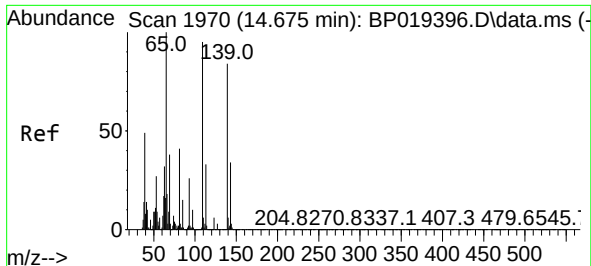
Ion Ratio Lower Upper

184 100

63 58.4 43.6 65.4

154 67.7 52.1 78.1

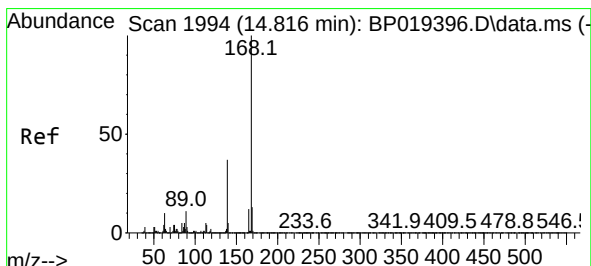
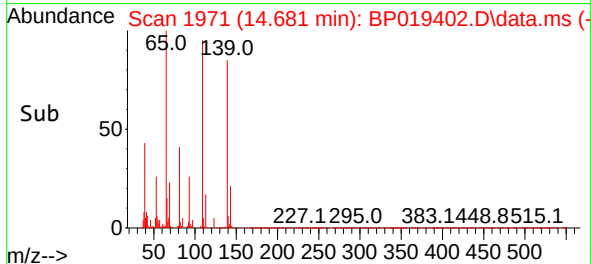
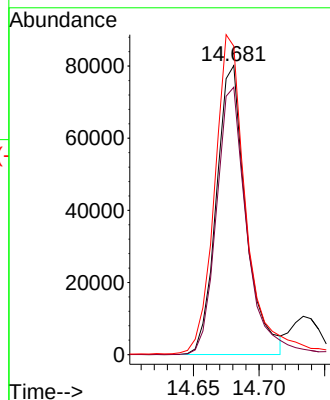
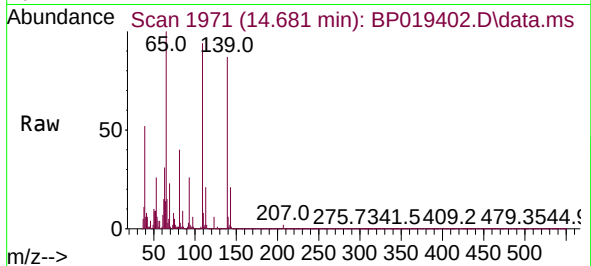




#55
4-Nitrophenol
Concen: 26.227 ng/ul
RT: 14.681 min Scan# 1970
Delta R.T. 0.000 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

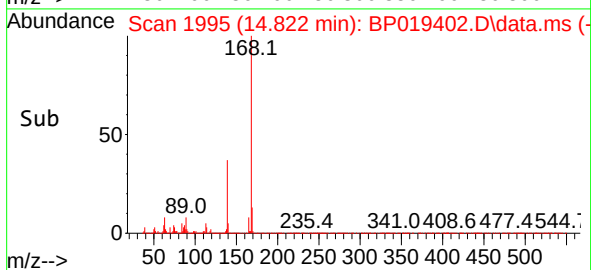
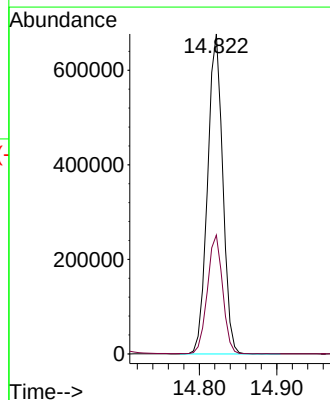
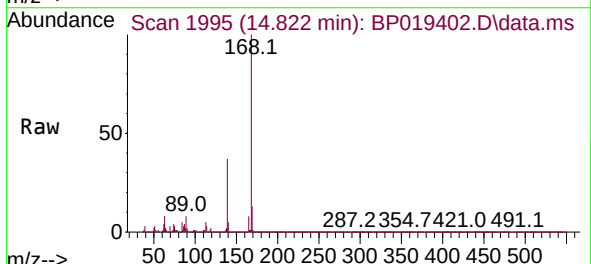
Instrument :
BNA_P
ClientSampleId :
SLCS500

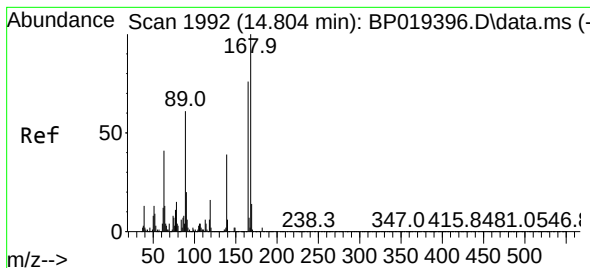
Tgt Ion:109 Resp: 125718
Ion Ratio Lower Upper
109 100
139 92.6 73.2 109.8
65 106.7 90.9 136.3



#56
Dibenzofuran
Concen: 28.833 ng/ul
RT: 14.822 min Scan# 1995
Delta R.T. -0.006 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion:168 Resp: 917961
Ion Ratio Lower Upper
168 100
139 37.1 30.3 45.5





#57

2,4-Dinitrotoluene

Concen: 30.526 ng/ul

RT: 14.810 min Scan# 1992

Delta R.T. -0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

SLCS500

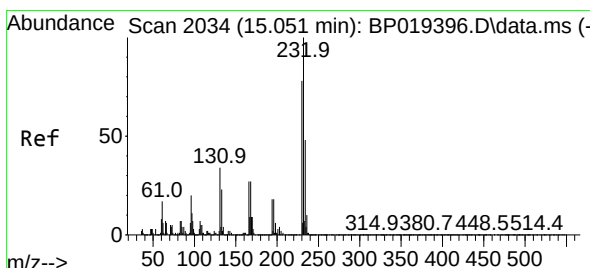
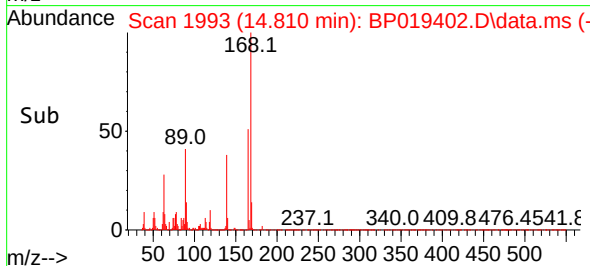
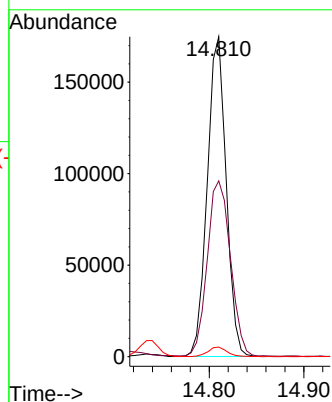
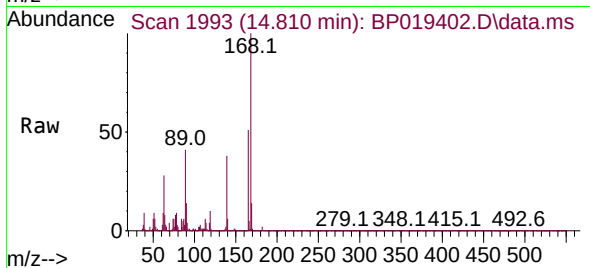
Tgt Ion:165 Resp: 243312

Ion Ratio Lower Upper

165 100

63 54.9 41.3 61.9

182 3.0 2.4 3.6



#58

2,3,4,6-Tetrachlorophenol

Concen: 29.595 ng/ul

RT: 15.057 min Scan# 2035

Delta R.T. -0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Tgt Ion:232 Resp: 245668

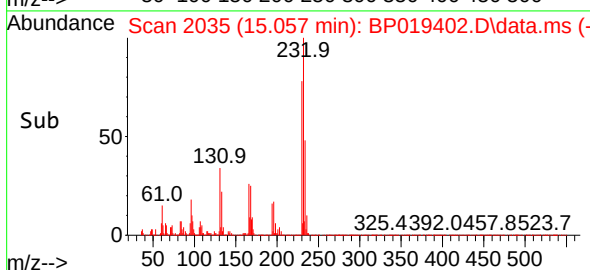
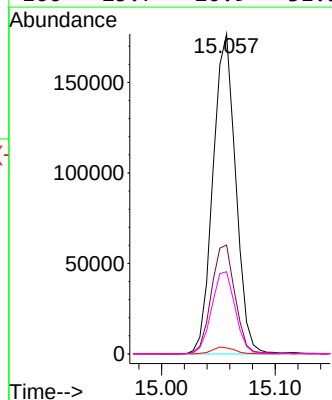
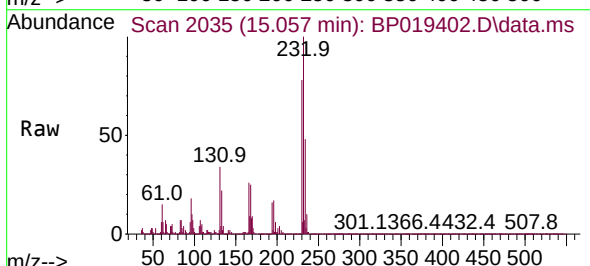
Ion Ratio Lower Upper

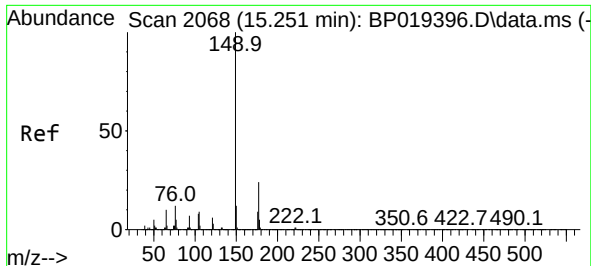
232 100

131 34.0 27.9 41.9

130 1.9 1.8 2.8

166 25.7 20.9 31.3

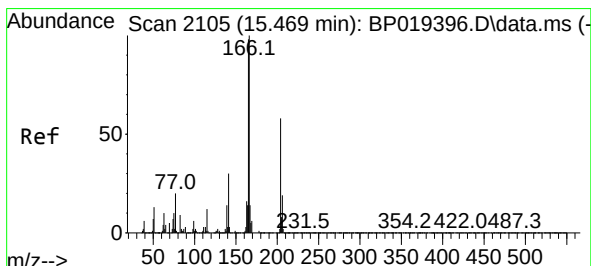
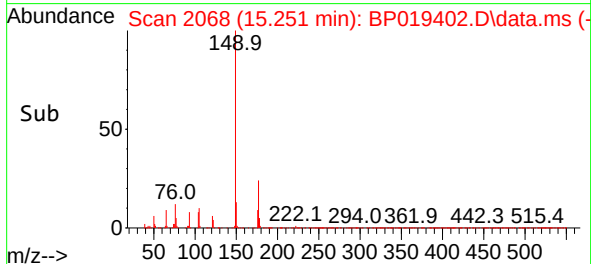
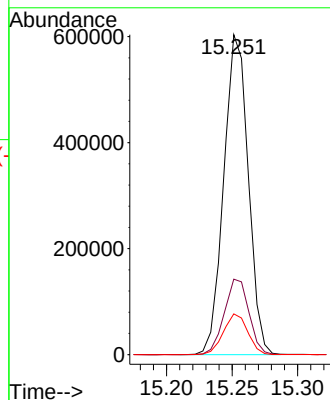
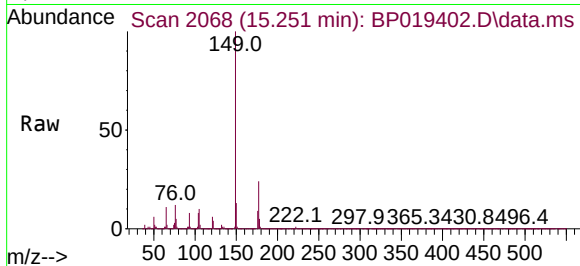




#59
Diethylphthalate
Concen: 29.208 ng/ul
RT: 15.251 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

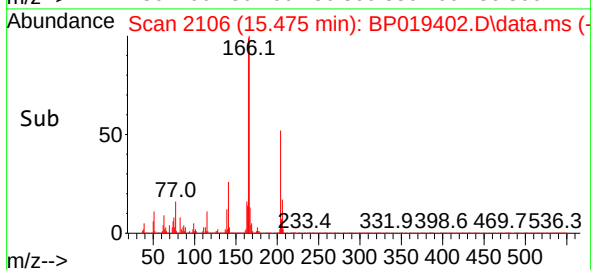
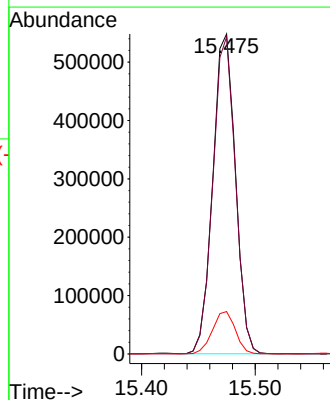
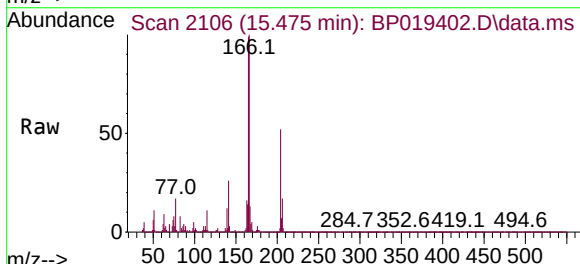
Instrument :
BNA_P
ClientSampleId :
SLCS500

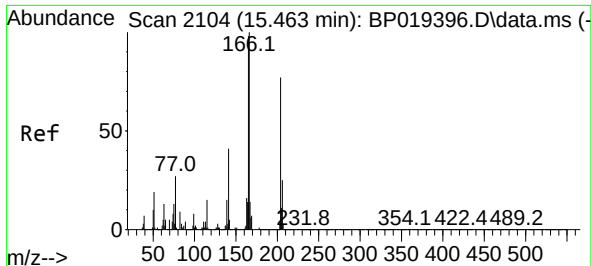
Tgt Ion:149 Resp: 785206
Ion Ratio Lower Upper
149 100
177 23.6 18.8 28.2
150 12.7 10.2 15.4



#61
Fluorene
Concen: 29.155 ng/ul
RT: 15.475 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion:166 Resp: 760282
Ion Ratio Lower Upper
166 100
165 99.1 78.6 118.0
167 13.2 10.6 15.8

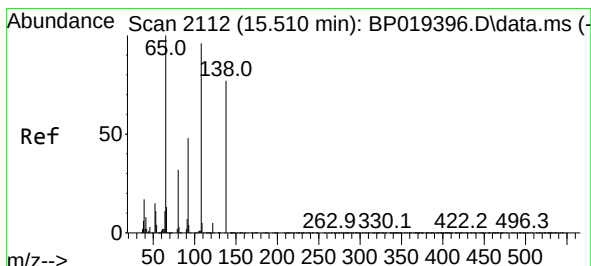
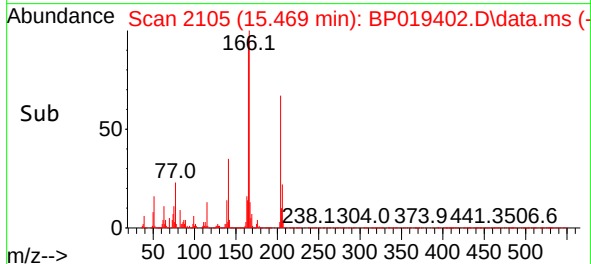
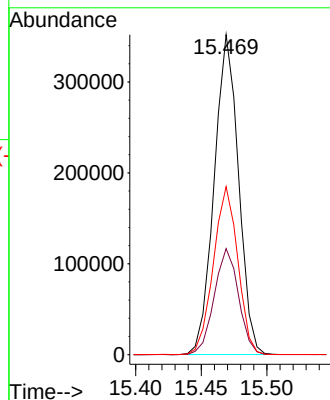
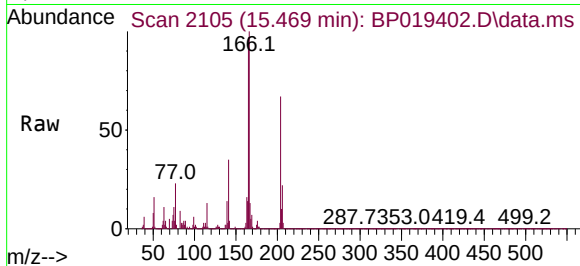




#62
4-Chlorophenyl-phenylether
Concen: 29.257 ng/ul
RT: 15.469 min Scan# 2104
Delta R.T. -0.006 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

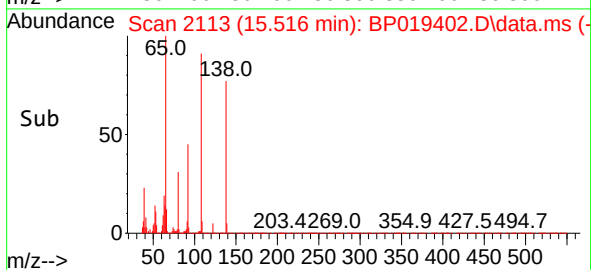
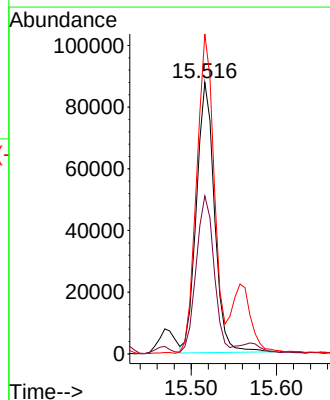
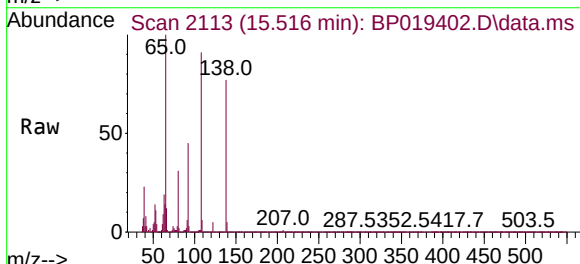
Instrument :
BNA_P
ClientSampleId :
SLCS500

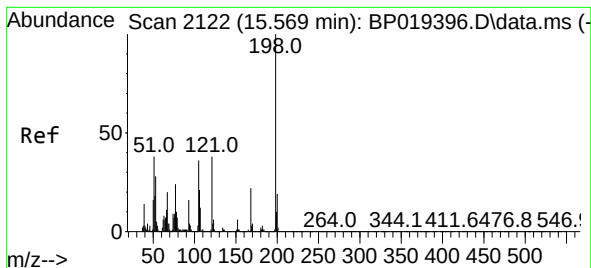
Tgt Ion:204 Resp: 455285
Ion Ratio Lower Upper
204 100
206 33.1 27.0 40.4
141 52.5 41.5 62.3



#63
4-Nitroaniline
Concen: 33.595 ng/ul
RT: 15.516 min Scan# 2113
Delta R.T. -0.006 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion:138 Resp: 129053
Ion Ratio Lower Upper
138 100
92 58.2 48.9 73.3
108 117.9 90.4 135.6

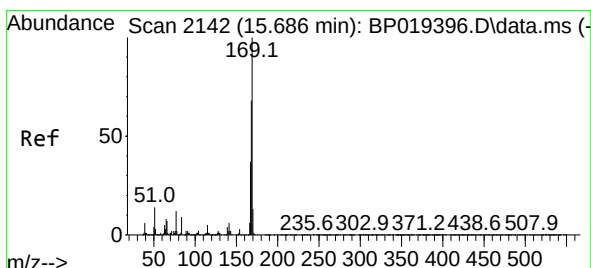
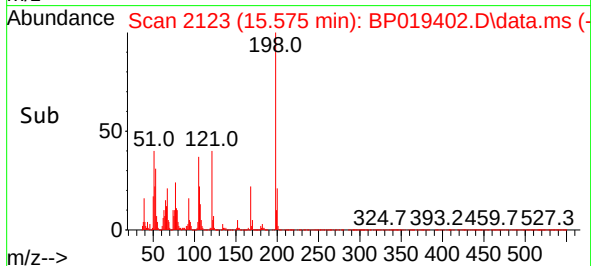
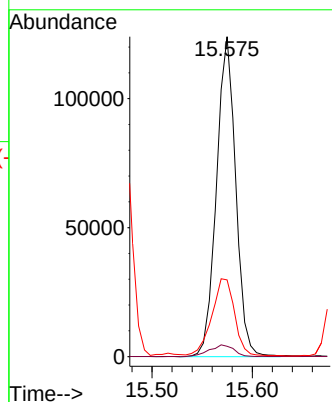
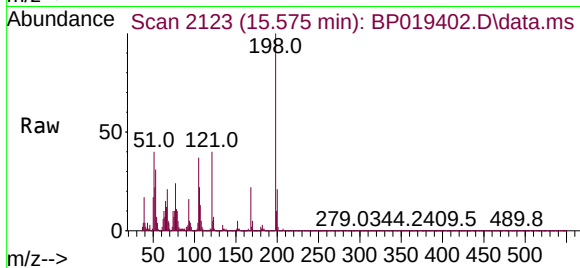




#66
4,6-Dinitro-2-methylphenol
Concen: 27.464 ng/ul
RT: 15.575 min Scan# 2122
Delta R.T. 0.000 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

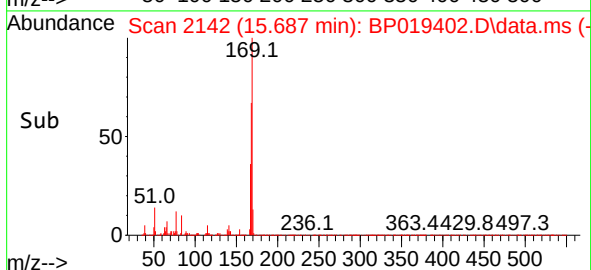
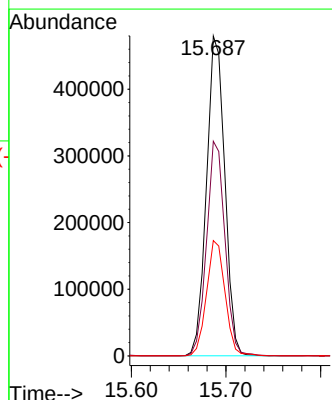
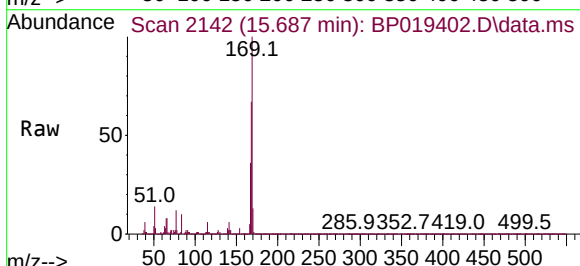
Instrument :
BNA_P
ClientSampleId :
SLCS500

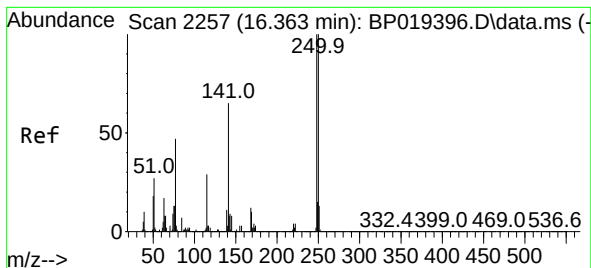
Tgt Ion:198 Resp: 165802
Ion Ratio Lower Upper
198 100
182 3.2 3.2 4.8
77 24.0 20.6 30.8



#67
N-Nitrosodiphenylamine
Concen: 28.353 ng/ul
RT: 15.687 min Scan# 2142
Delta R.T. -0.012 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion:169 Resp: 644836
Ion Ratio Lower Upper
169 100
168 67.1 54.8 82.2
167 36.0 29.3 43.9

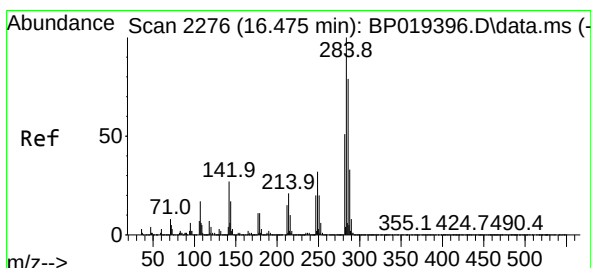
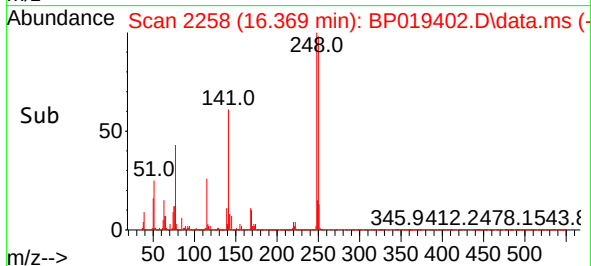
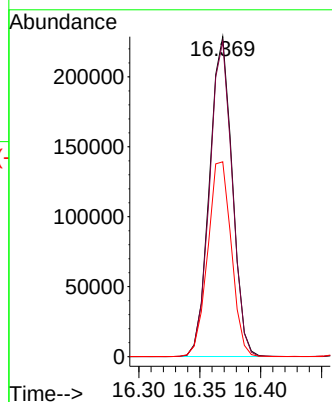
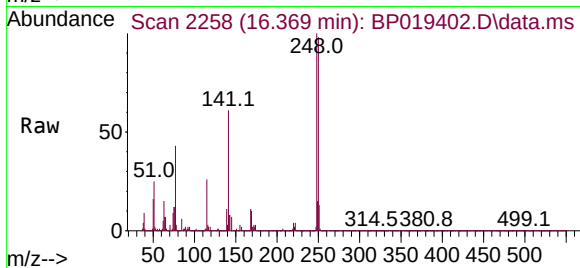




#68
4-Bromophenyl-phenylether
Concen: 28.163 ng/ul
RT: 16.369 min Scan# 2257
Delta R.T. -0.006 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

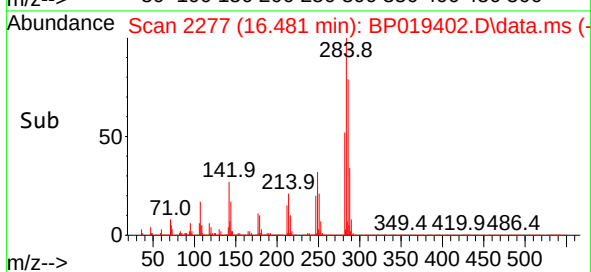
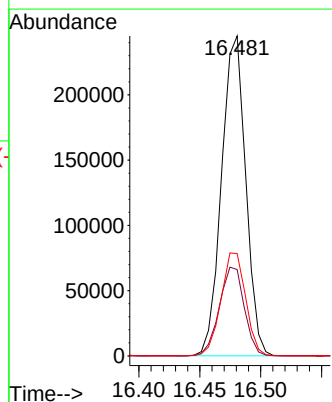
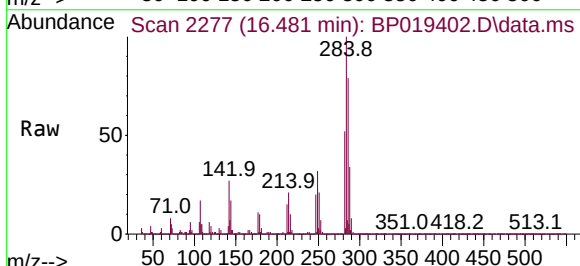
Instrument :
BNA_P
ClientSampleId :
SLCS500

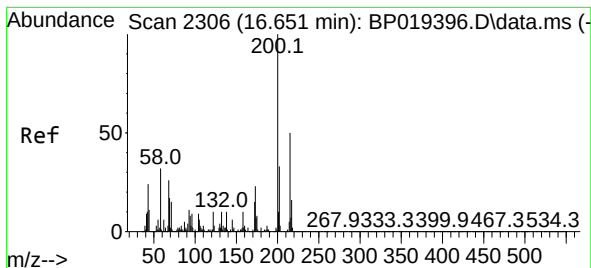
Tgt Ion:248 Resp: 296782
Ion Ratio Lower Upper
248 100
250 98.5 75.6 113.4
141 60.9 48.7 73.1



#69
Hexachlorobenzene
Concen: 27.969 ng/ul
RT: 16.481 min Scan# 2277
Delta R.T. 0.000 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion:284 Resp: 339675
Ion Ratio Lower Upper
284 100
142 27.0 23.6 35.4
249 32.0 26.1 39.1





#70

Atrazine

Concen: 23.520 ng/ul

RT: 16.651 min Scan# 2306

Delta R.T. -0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

SLCS500

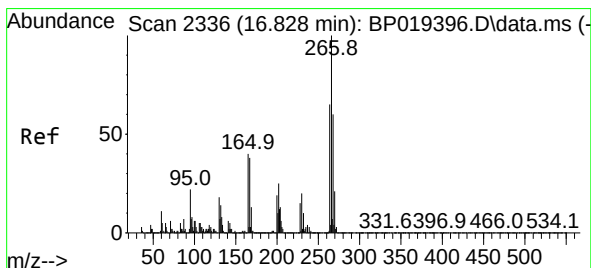
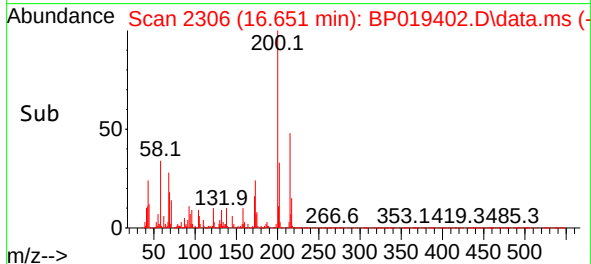
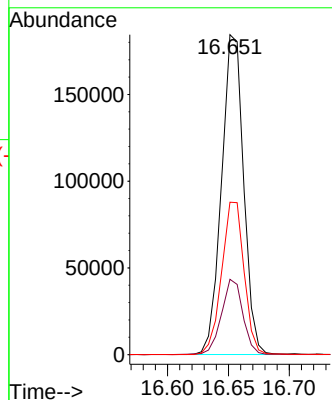
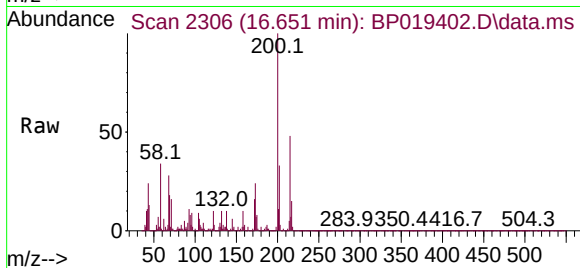
Tgt Ion:200 Resp: 233176

Ion Ratio Lower Upper

200 100

173 23.5 19.4 29.0

215 47.6 39.7 59.5



#71

Pentachlorophenol

Concen: 27.300 ng/ul

RT: 16.834 min Scan# 2337

Delta R.T. -0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

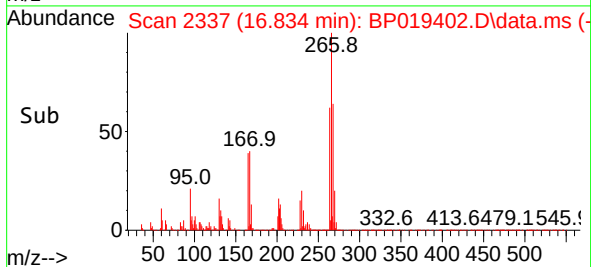
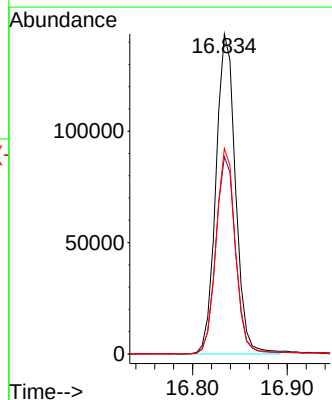
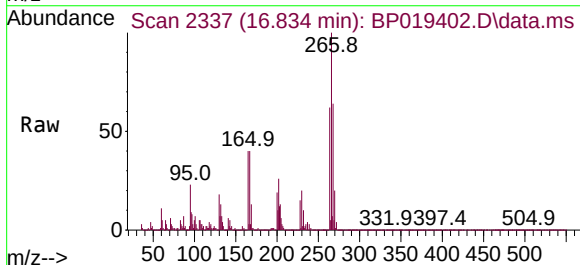
Tgt Ion:266 Resp: 205928

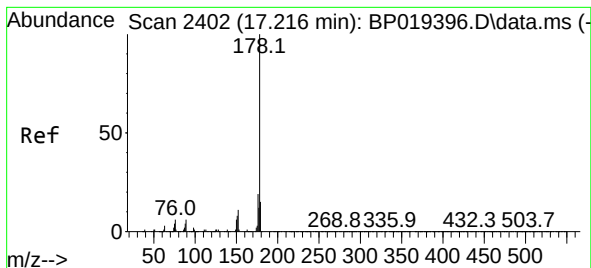
Ion Ratio Lower Upper

266 100

264 61.6 49.4 74.2

268 64.2 51.6 77.4





#72

Phenanthrene

Concen: 28.167 ng/ul

RT: 17.222 min Scan# 2402

Delta R.T. -0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

SLCS500

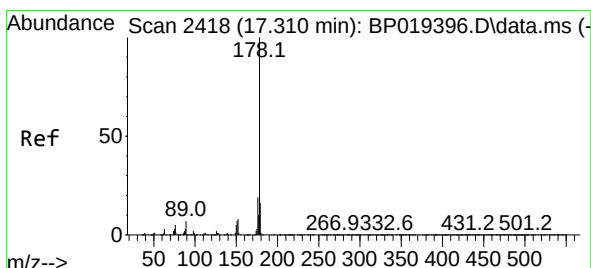
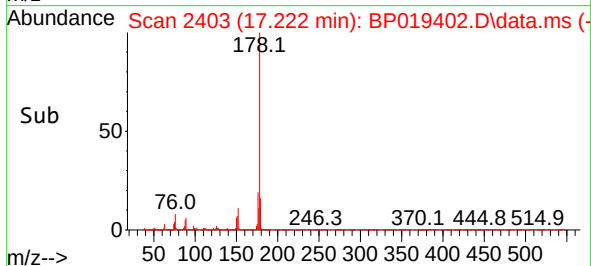
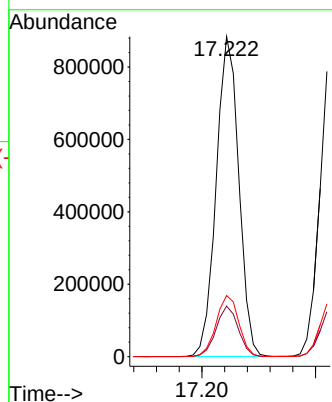
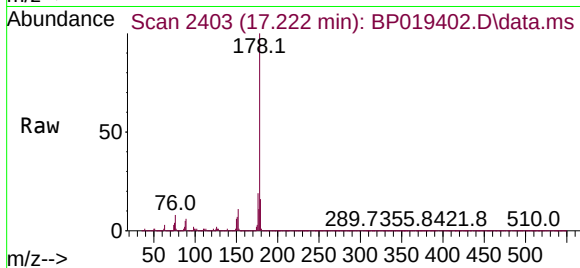
Tgt Ion:178 Resp: 1220682

Ion Ratio Lower Upper

178 100

179 15.8 12.1 18.1

176 19.1 15.4 23.2



#74

Anthracene

Concen: 27.887 ng/ul

RT: 17.316 min Scan# 2419

Delta R.T. 0.000 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

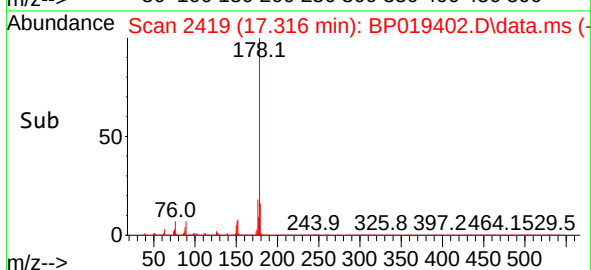
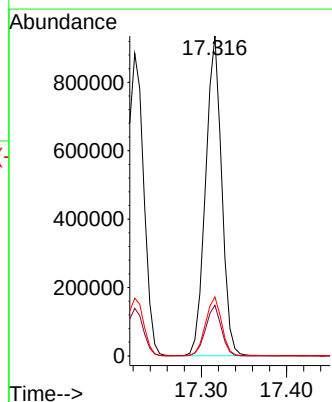
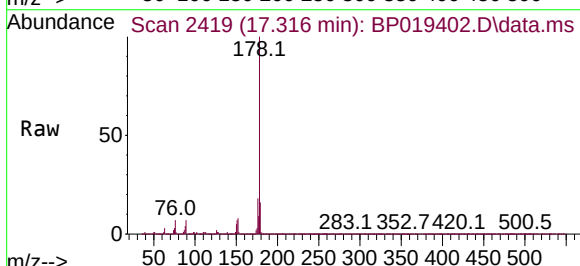
Tgt Ion:178 Resp: 1225154

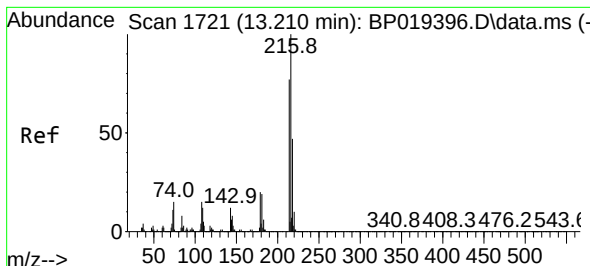
Ion Ratio Lower Upper

178 100

179 15.8 12.3 18.5

176 18.4 14.6 22.0

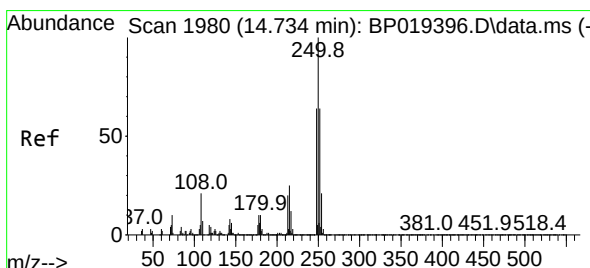
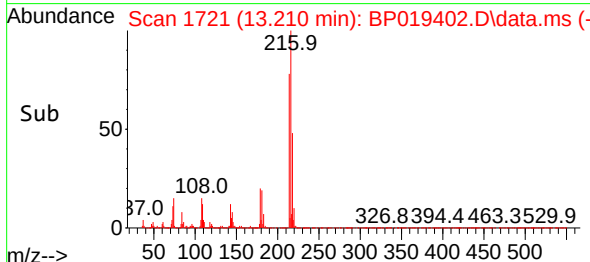
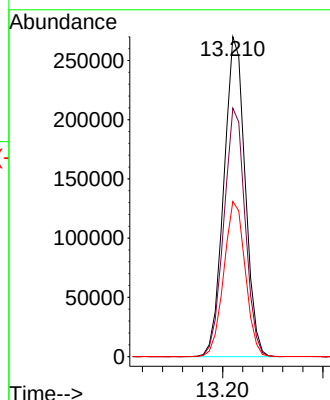
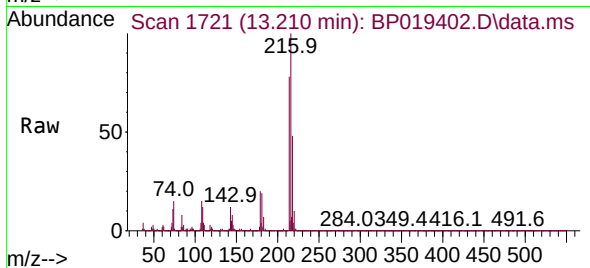




#75
1,2,3,4-Tetrachlorobenzene
Concen: 27.851 ng/uL
RT: 13.210 min Scan# 1721
Delta R.T. -0.012 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

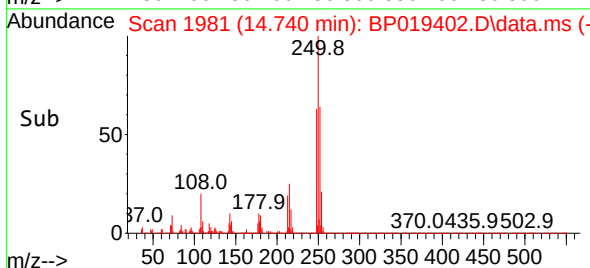
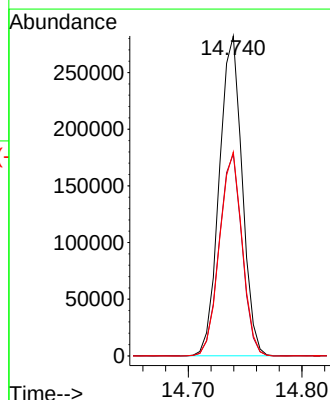
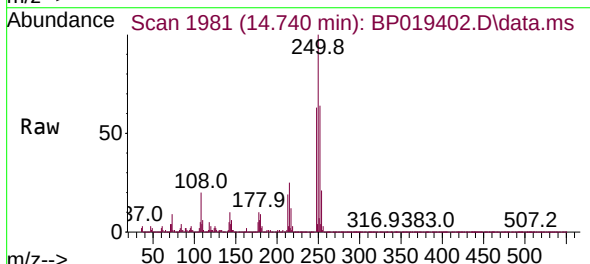
Instrument :
BNA_P
ClientSampleId :
SLCS500

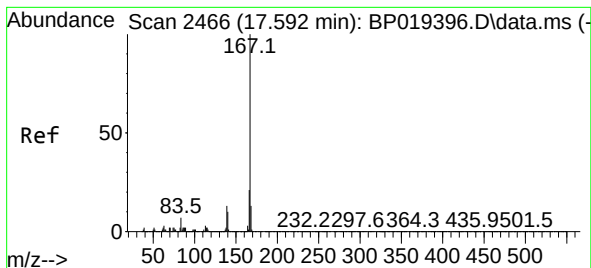
Tgt Ion:216 Resp: 397850
Ion Ratio Lower Upper
216 100
214 77.6 61.8 92.8
218 48.5 39.0 58.6



#76
Pentachlorobenzene
Concen: 28.432 ng/uL
RT: 14.740 min Scan# 1981
Delta R.T. -0.006 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion:250 Resp: 394534
Ion Ratio Lower Upper
250 100
248 63.1 50.8 76.2
252 63.7 50.2 75.4





#77

Carbazole

Concen: 27.427 ng/ul

RT: 17.598 min Scan# 2466

Delta R.T. 0.000 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

SLCS500

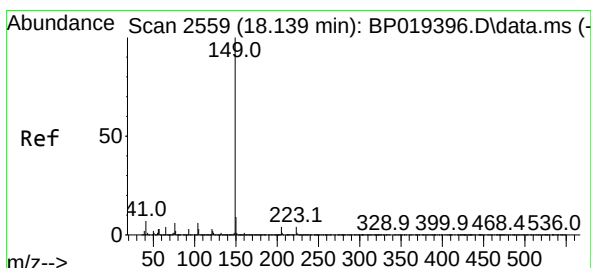
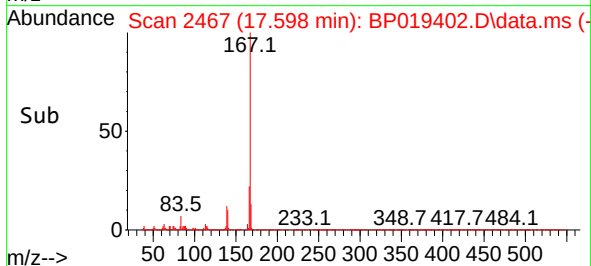
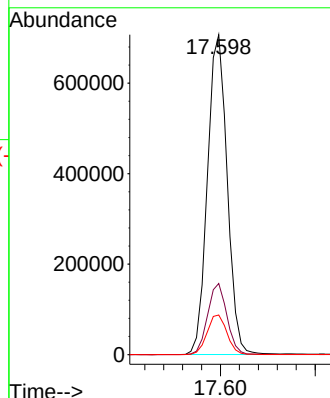
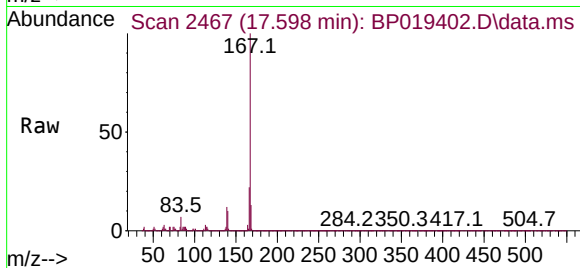
Tgt Ion:167 Resp: 1025112

Ion Ratio Lower Upper

167 100

166 22.2 17.3 25.9

139 12.4 10.1 15.1



#78

Di-n-butylphthalate

Concen: 28.208 ng/ul

RT: 18.145 min Scan# 2560

Delta R.T. -0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

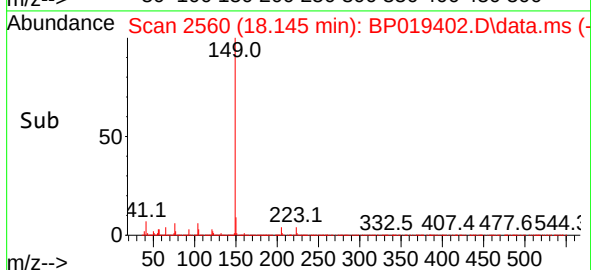
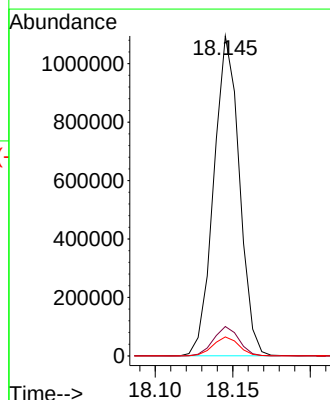
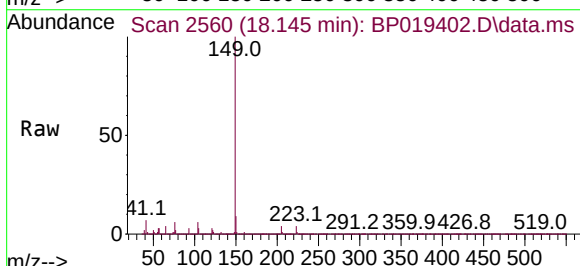
Tgt Ion:149 Resp: 1261729

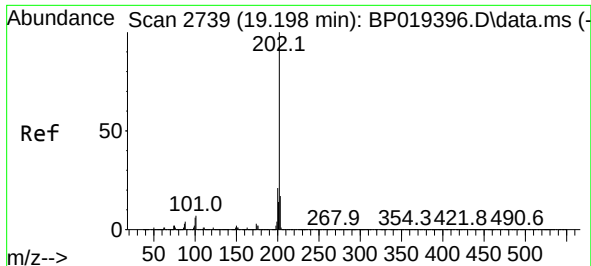
Ion Ratio Lower Upper

149 100

150 9.2 7.0 10.6

104 5.9 4.6 6.8

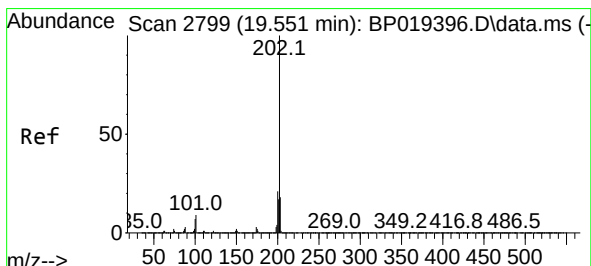
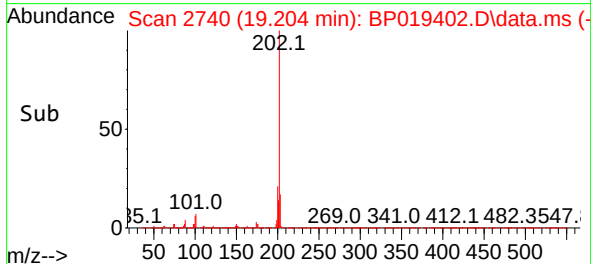
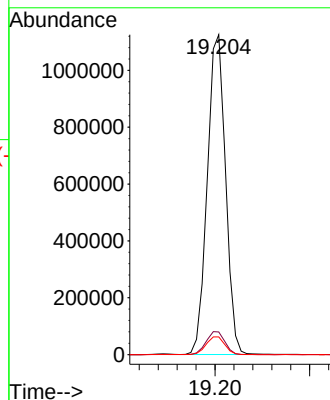
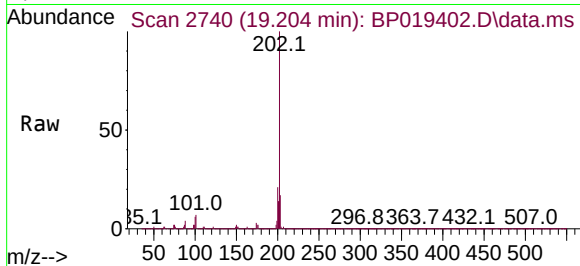




#80
Fluoranthene
Concen: 28.706 ng/ul
RT: 19.204 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

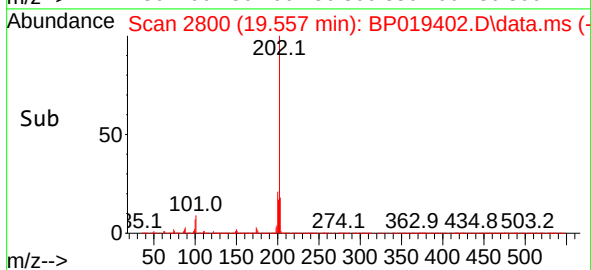
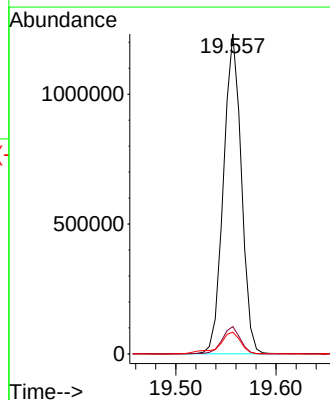
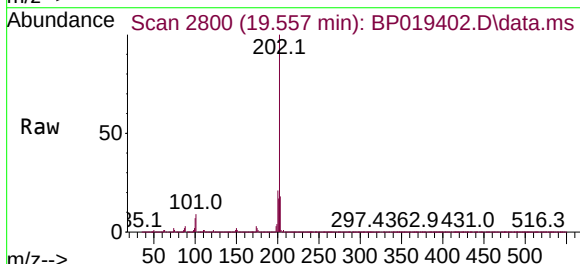
Instrument :
BNA_P
ClientSampleId :
SLCS500

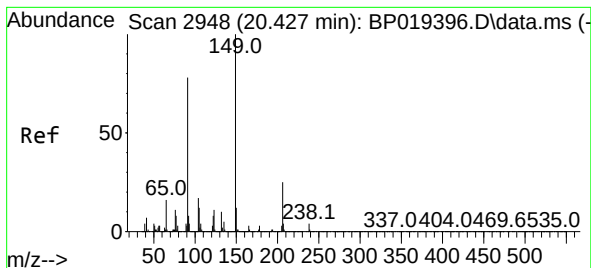
Tgt Ion:202 Resp: 1510197
Ion Ratio Lower Upper
202 100
101 7.1 5.9 8.9
100 5.5 4.6 7.0



#82
Pyrene
Concen: 28.636 ng/ul
RT: 19.557 min Scan# 2800
Delta R.T. 0.000 min
Lab File: BP019402.D
Acq: 19 Jan 2024 15:15

Tgt Ion:202 Resp: 1529099
Ion Ratio Lower Upper
202 100
101 8.5 7.2 10.8
100 6.8 5.8 8.6





#83

Butylbenzylphthalate

Concen: 28.258 ng/ul

RT: 20.439 min Scan# 2948

Delta R.T. 0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

SLCS500

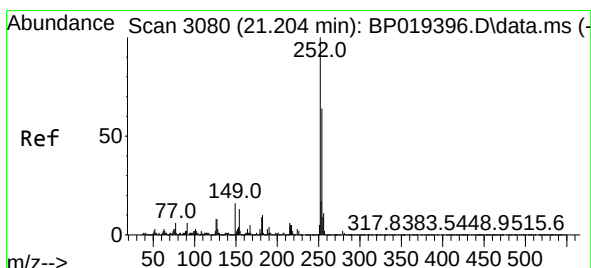
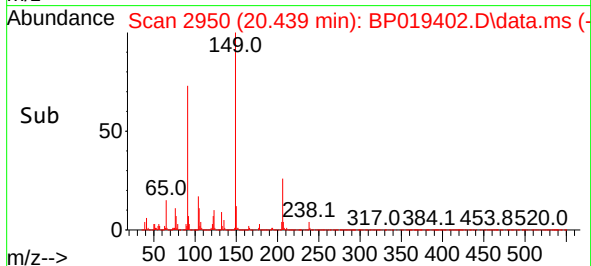
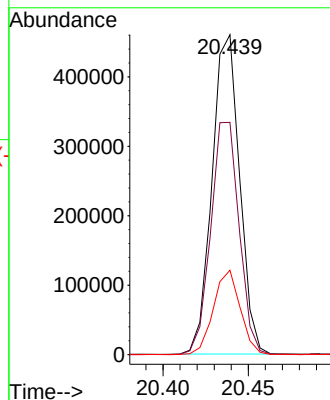
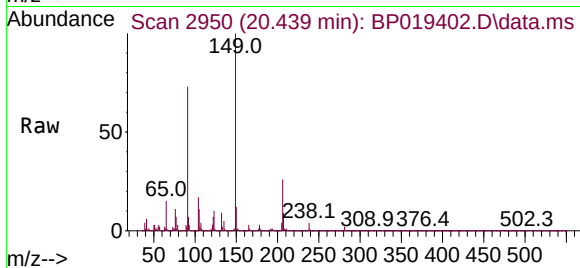
Tgt Ion:149 Resp: 517677

Ion Ratio Lower Upper

149 100

91 72.6 61.7 92.5

206 26.4 18.6 27.8



#84

3,3'-Dichlorobenzidine

Concen: 28.948 ng/ul

RT: 21.210 min Scan# 3081

Delta R.T. 0.000 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

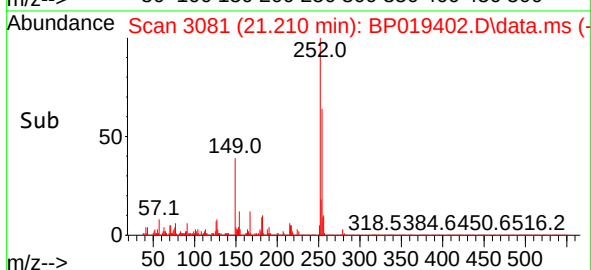
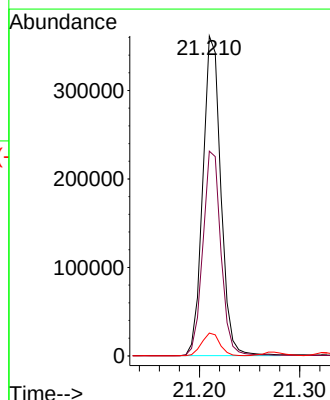
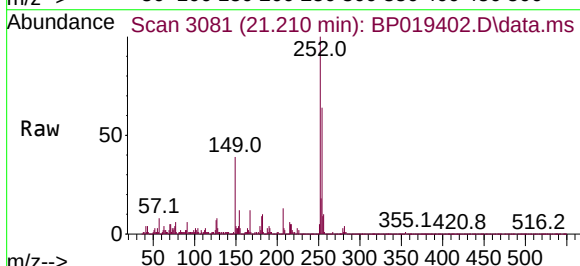
Tgt Ion:252 Resp: 448641

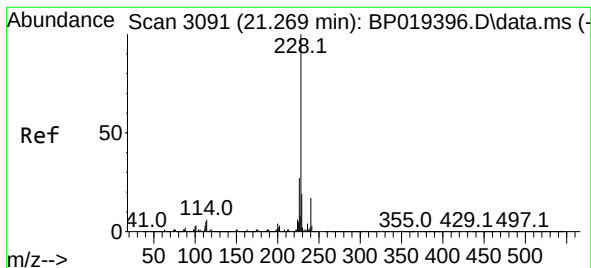
Ion Ratio Lower Upper

252 100

254 64.0 50.6 76.0

126 7.1 6.0 9.0





#85

Benzo(a)anthracene

Concen: 28.349 ng/ul

RT: 21.274 min Scan# 3091

Delta R.T. 0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

SLCS500

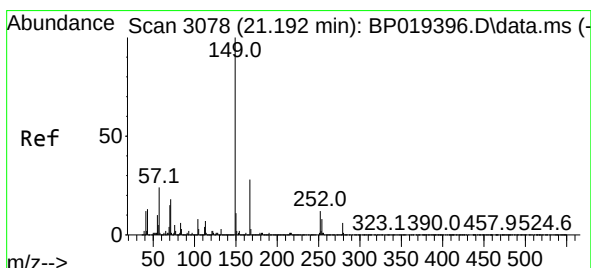
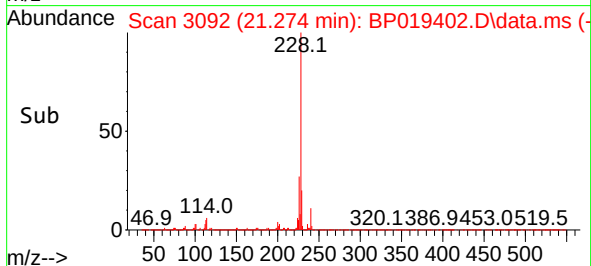
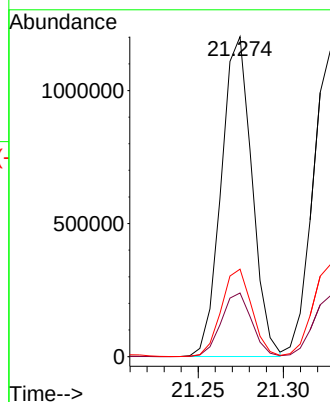
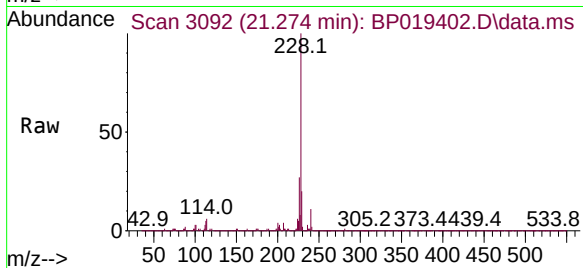
Tgt Ion:228 Resp: 1506350

Ion Ratio Lower Upper

228 100

229 19.9 15.8 23.6

226 27.4 21.6 32.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 27.517 ng/ul

RT: 21.198 min Scan# 3079

Delta R.T. 0.000 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

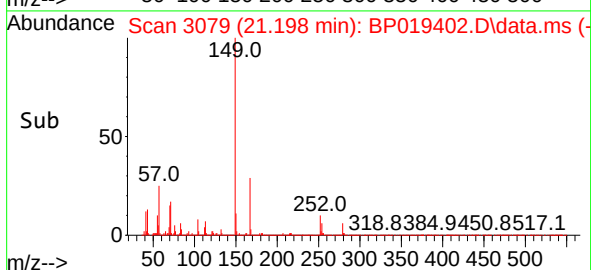
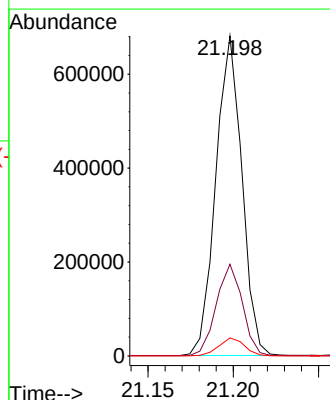
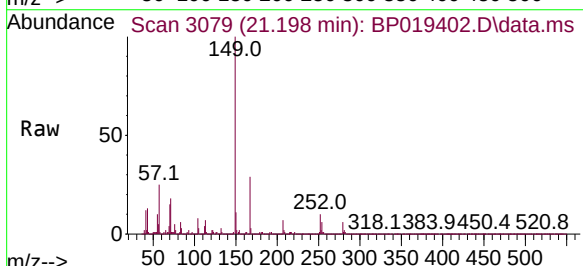
Tgt Ion:149 Resp: 723602

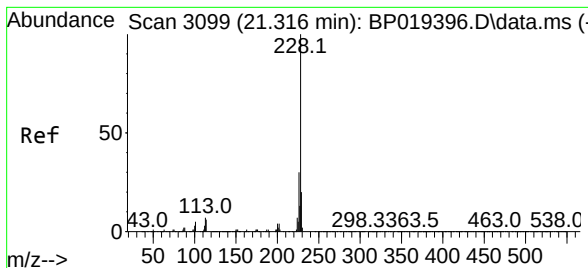
Ion Ratio Lower Upper

149 100

167 28.6 22.9 34.3

279 5.6 4.6 7.0





#87

Chrysene

Concen: 28.446 ng/ul

RT: 21.327 min Scan# 3101

Delta R.T. 0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

SLCS500

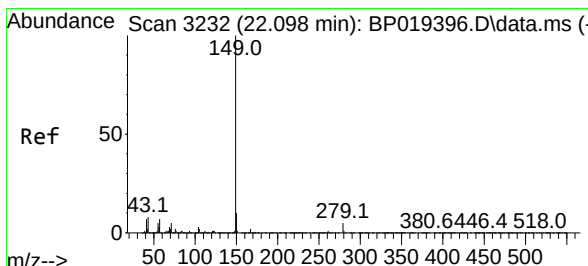
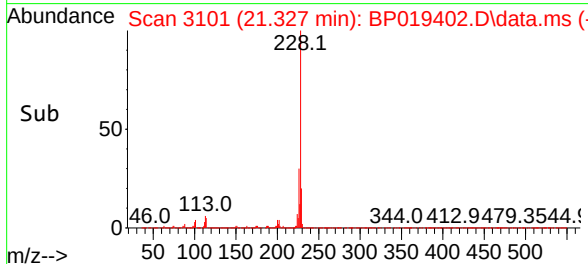
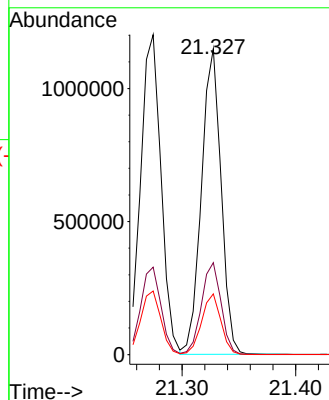
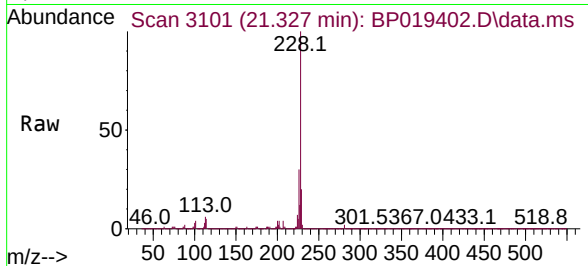
Tgt Ion:228 Resp: 1381653

Ion Ratio Lower Upper

228 100

226 30.1 23.9 35.9

229 19.9 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 24.527 ng/ul

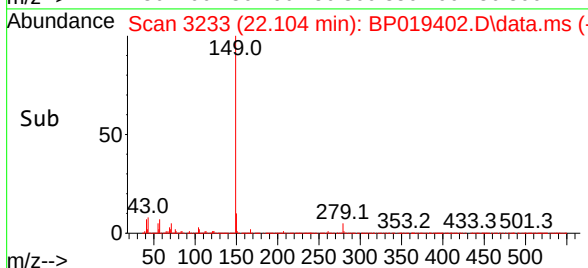
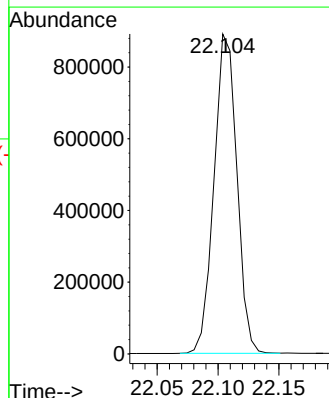
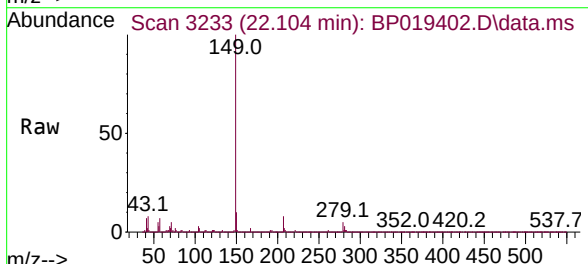
RT: 22.104 min Scan# 3233

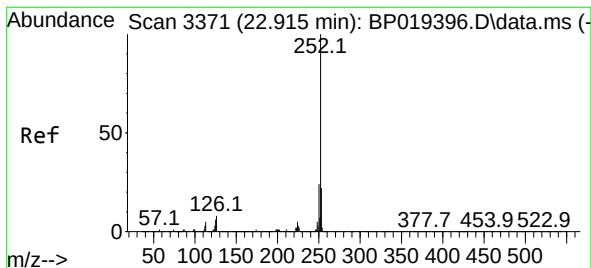
Delta R.T. 0.000 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Tgt Ion:149 Resp: 1162790





#90

Benzo(b)fluoranthene

Concen: 27.841 ng/ul

RT: 22.927 min Scan# 3371

Delta R.T. 0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

SLCS500

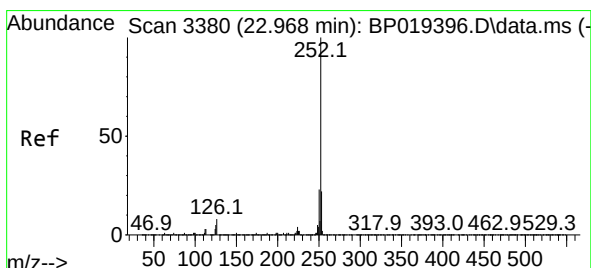
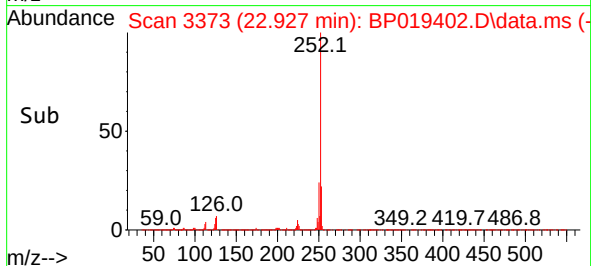
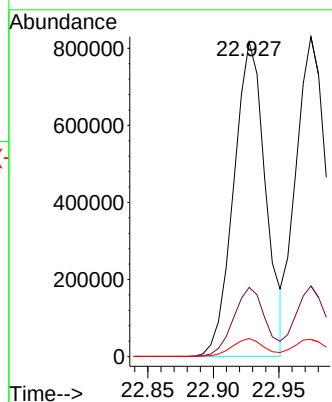
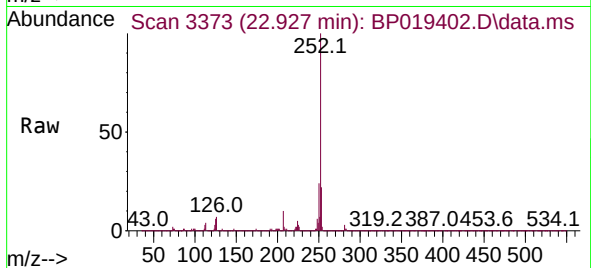
Tgt Ion:252 Resp: 1381968

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.8

125 5.8 4.9 7.3



#91

Benzo(k)fluoranthene

Concen: 27.933 ng/ul

RT: 22.974 min Scan# 3381

Delta R.T. 0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

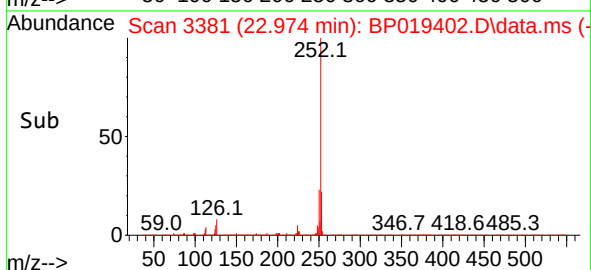
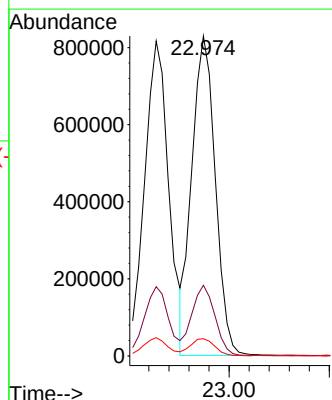
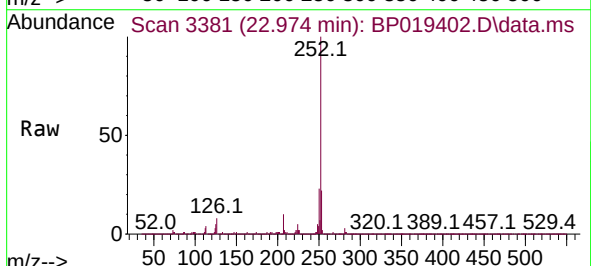
Tgt Ion:252 Resp: 1345063

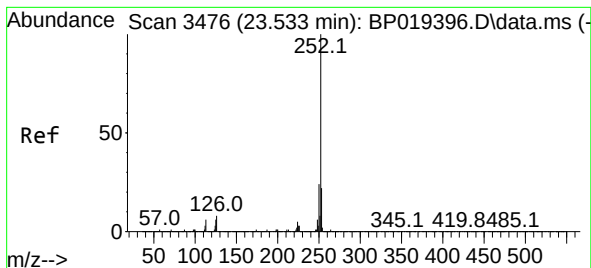
Ion Ratio Lower Upper

252 100

253 22.1 17.3 25.9

125 5.4 4.8 7.2





#93

Benzo(a)pyrene

Concen: 28.379 ng/ul

RT: 23.545 min Scan# 34

Delta R.T. 0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

SLCS500

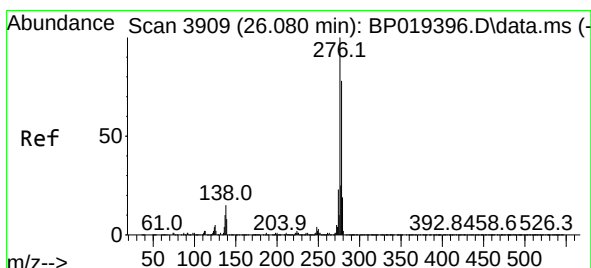
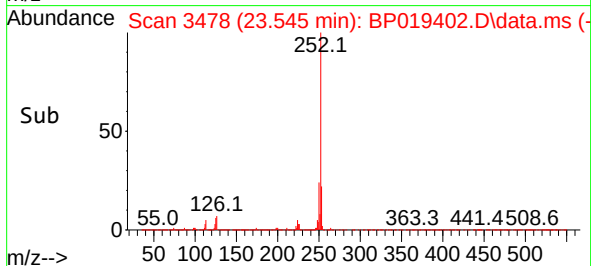
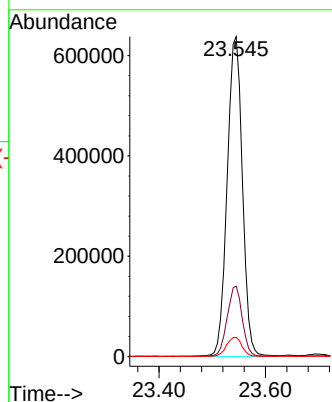
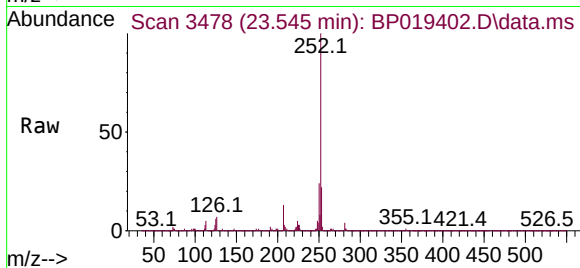
Tgt Ion:252 Resp: 1265781

Ion Ratio Lower Upper

252 100

253 22.0 17.3 25.9

125 6.0 5.2 7.8



#94

Indeno(1,2,3-cd)pyrene

Concen: 28.829 ng/ul

RT: 26.092 min Scan# 3911

Delta R.T. 0.006 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

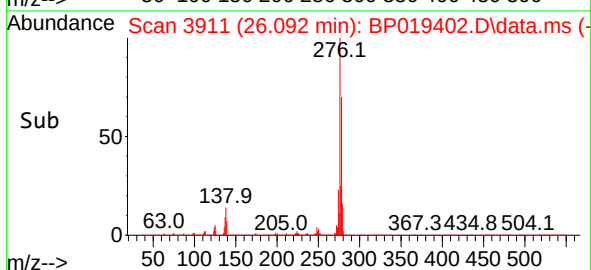
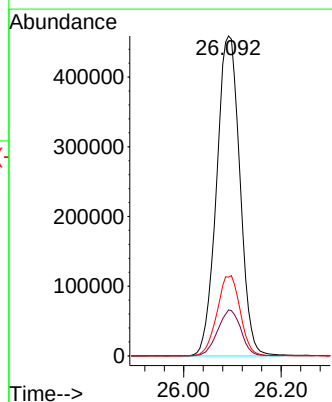
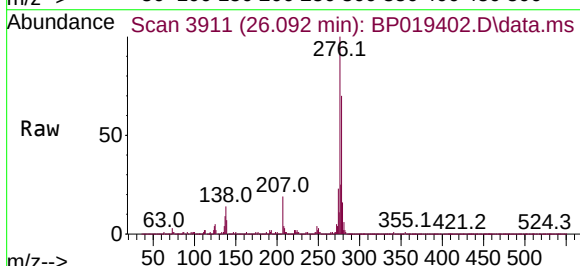
Tgt Ion:276 Resp: 1520720

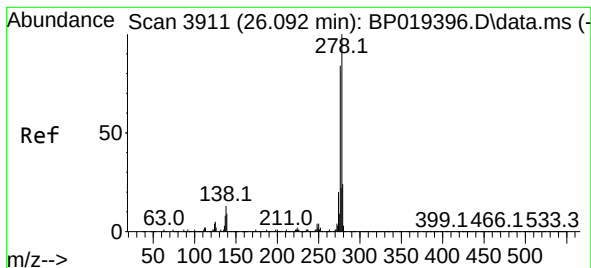
Ion Ratio Lower Upper

276 100

138 14.4 12.2 18.4

277 24.6 19.9 29.9





#95

Dibenzo(a,h)anthracene

Concen: 28.750 ng/ul

RT: 26.110 min Scan# 3911

Delta R.T. 0.012 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Instrument :

BNA_P

ClientSampleId :

SLCS500

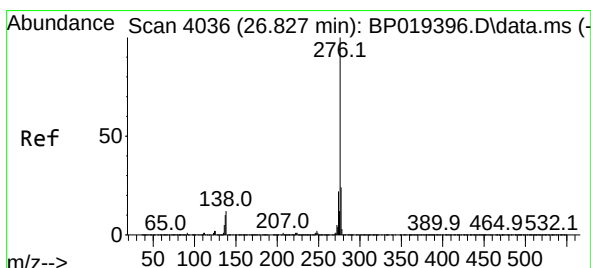
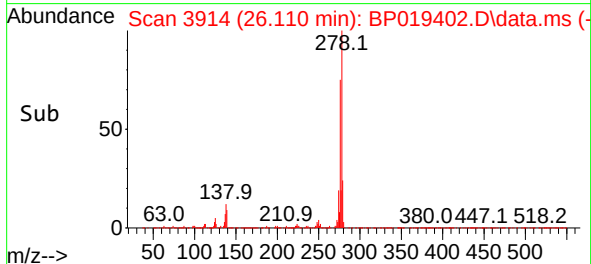
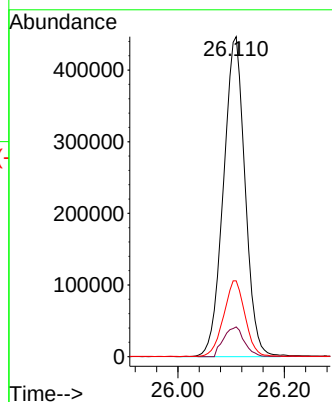
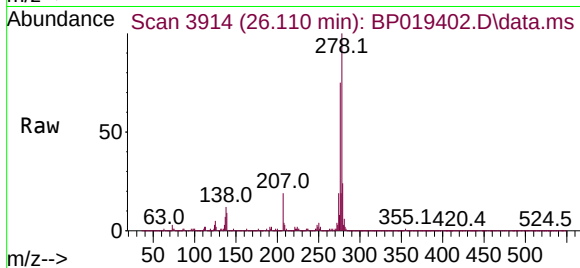
Tgt Ion:278 Resp: 1255471

Ion Ratio Lower Upper

278 100

139 9.3 7.4 11.2

279 23.7 18.7 28.1



#96

Benzo(g,h,i)perylene

Concen: 28.420 ng/ul

RT: 26.845 min Scan# 4039

Delta R.T. 0.012 min

Lab File: BP019402.D

Acq: 19 Jan 2024 15:15

Tgt Ion:276 Resp: 1203927

Ion Ratio Lower Upper

276 100

138 12.3 10.7 16.1

277 23.8 19.2 28.8

