

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
 Data File : BP022066.D
 Acq On : 26 Sep 2024 17:13
 Operator : RC/JU
 Sample : PB163537BS
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS537

Quant Time: Sep 27 01:18:29 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP092424.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Sep 24 15:23:13 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.705	152	117845	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	457173	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	377325	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	975025	20.000	ng/u1	0.00
79) Chrysene-d12	21.539	240	1134080	20.000	ng/u1	0.00
88) Perylene-d12	24.821	264	1320410	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	14729	4.896	ng/uL	0.00
4) Pyridine-d5	3.634	84	204885	23.824	ng/u1	0.00
7) Phenol-d5	6.887	99	259366	26.906	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	158732	26.741	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	200252	28.712	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	209935	27.483	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	100754	29.445	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	120068	30.947	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	256638	30.459	ng/u1	0.00
31) 4-Chloroaniline-d4	10.593	131	277185	27.572	ng/u1	-0.01
46) Dimethylphthalate-d6	13.728	166	854232	29.287	ng/u1	0.00
49) Acenaphthylene-d8	14.010	160	905033	29.307	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	142287	28.519	ng/u1	0.00
60) Fluorene-d10	15.322	176	767678	29.754	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.457	200	162303	26.812	ng/u1	0.01
73) Anthracene-d10	17.216	188	1307967	28.735	ng/u1	0.00
81) Pyrene-d10	19.586	212	1763038	30.007	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.598	264	2069506	29.799	ng/u1	-0.01
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	30276	9.290	ng/uL	93
5) Pyridine	3.652	79	203545	23.297	ng/u1	98
6) Benzaldehyde	6.858	77	168460	30.892	ng/u1	98
8) Phenol	6.910	94	270183	26.857	ng/u1	96
10) Bis(2-Chloroethyl)ether	7.134	93	203046	26.371	ng/u1	99
12) 2-Chlorophenol	7.275	128	201977	27.934	ng/u1	99
13) 2-Methylphenol	8.140	108	195666	26.818	ng/u1	98
14) 2,2'-oxybis(1-Chloropr...	8.216	45	186572	26.120	ng/u1	96
16) Acetophenone	8.516	105	350377	27.576	ng/u1	97
17) N-Nitroso-di-n-propyla...	8.505	70	190109	28.861	ng/u1	97
18) 4-Methylphenol	8.469	108	219319	27.565	ng/u1	97
19) Hexachloroethane	8.769	117	95930	28.106	ng/u1	95
22) Nitrobenzene	8.887	77	297007	28.390	ng/u1	100
23) Isophorone	9.410	82	522338	28.825	ng/u1	99
25) 2-Nitrophenol	9.587	139	125308	30.186	ng/u1	95
26) 2,4-Dimethylphenol	9.652	107	213389	22.691	ng/u1	95
27) Bis(2-Chloroethoxy)met...	9.875	93	296624	28.397	ng/u1	98
29) 2,4-Dichlorophenol	10.122	162	251066	29.993	ng/u1	99
30) Naphthalene	10.510	128	665292	27.657	ng/u1	99
32) 4-Chloroaniline	10.622	127	250975	25.207	ng/u1	99
33) Hexachlorobutadiene	10.799	225	220089	29.613	ng/u1	97
34) Caprolactam	11.404	113	79582	31.340	ng/u1	92
35) 4-Chloro-3-methylphenol	11.746	107	272268	30.065	ng/u1	97
36) 2-Methylnaphthalene	12.116	142	521955	29.197	ng/u1	98

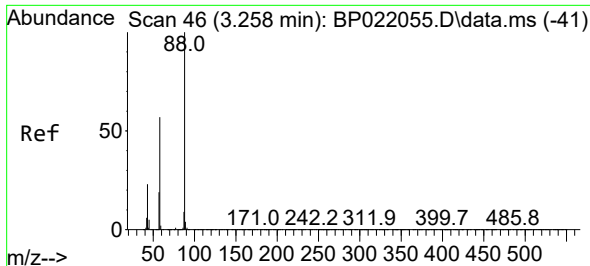
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.345	142	530002	29.397	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.493	216	394258	28.182	ng/ul	97
40) Hexachlorocyclopentadiene	12.469	237	221185	25.136	ng/ul	100
41) 2,4,6-Trichlorophenol	12.740	196	245878	29.401	ng/ul	99
42) 2,4,5-Trichlorophenol	12.810	196	273793	30.233	ng/ul	98
43) 1,1'-Biphenyl	13.140	154	752448	27.886	ng/ul	99
44) 2-Chloronaphthalene	13.181	162	609948	28.076	ng/ul	99
45) 2-Nitroaniline	13.392	65	193071	30.734	ng/ul	95
47) Dimethylphthalate	13.781	163	845564	28.863	ng/ul	100
48) 2,6-Dinitrotoluene	13.887	165	174294	31.034	ng/ul	96
50) Acenaphthylene	14.040	152	911996	28.319	ng/ul	100
51) 3-Nitroaniline	14.222	138	150198	29.375	ng/ul	96
52) Acenaphthene	14.381	153	660817	28.241	ng/ul	97
53) 2,4-Dinitrophenol	14.439	184	75060	19.642	ng/ul	97
55) 4-Nitrophenol	14.545	109	169777	30.079	ng/ul	92
56) Dibenzofuran	14.722	168	995282	28.610	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	266859	30.833	ng/ul	96
58) 2,3,4,6-Tetrachlorophenol	14.951	232	265397	30.444	ng/ul	96
59) Diethylphthalate	15.157	149	877621	30.270	ng/ul	99
61) Fluorene	15.381	166	833907	28.824	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.375	204	492197	29.550	ng/ul	98
63) 4-Nitroaniline	15.398	138	166486	31.991	ng/ul	92
66) 4,6-Dinitro-2-methylph...	15.475	198	173953	26.395	ng/ul	99
67) N-Nitrosodiphenylamine	15.592	169	730515	28.446	ng/ul	99
68) 4-Bromophenyl-phenylether	16.286	248	352473	30.103	ng/ul	98
69) Hexachlorobenzene	16.404	284	430895	30.308	ng/ul	96
70) Atrazine	16.569	200	308596	26.938	ng/ul	99
71) Pentachlorophenol	16.757	266	241323	25.441	ng/ul	100
72) Phenanthrene	17.157	178	1464011	28.637	ng/ul	100
74) Anthracene	17.251	178	1457719	28.020	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.110	216	388928	26.582	ng/ul	99
76) Pentachlorobenzene	14.634	250	445949	27.716	ng/ul	99
77) Carbazole	17.533	167	1294122	28.224	ng/ul	100
78) Di-n-butylphthalate	18.128	149	1616859	30.586	ng/ul	100
80) Fluoranthene	19.239	202	1985943	29.573	ng/ul	99
82) Pyrene	19.616	202	2099596	29.046	ng/ul	97
83) Butylbenzylphthalate	20.569	149	783831	31.114	ng/ul	99
84) 3,3'-Dichlorobenzidine	21.445	252	727587	28.020	ng/ul	100
85) Benzo(a)anthracene	21.521	228	2291490	29.320	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.463	149	1153930	31.220	ng/ul	100
87) Chrysene	21.592	228	2089487	28.487	ng/ul	99
89) Di-n-octyl phthalate	22.710	149	1946095	29.835	ng/ul	100
90) Benzo(b)fluoranthene	23.786	252	2398258	29.259	ng/ul	99
91) Benzo(k)fluoranthene	23.857	252	2400329	29.382	ng/ul	99
93) Benzo(a)pyrene	24.668	252	2148001	28.440	ng/ul	100
94) Indeno(1,2,3-cd)pyrene	28.562	276	2776488	28.194	ng/ul	99
95) Dibenzo(a,h)anthracene	28.621	278	2232973	28.147	ng/ul	97
96) Benzo(g,h,i)perylene	29.698	276	1130497	14.794	ng/ul	99

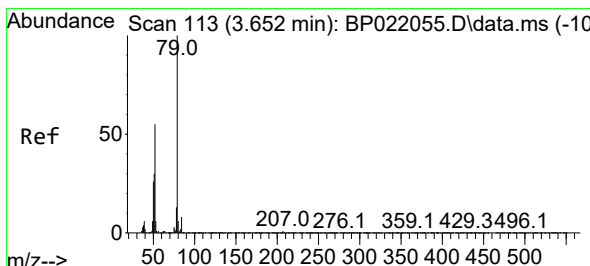
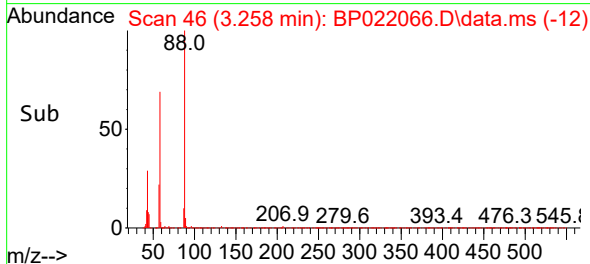
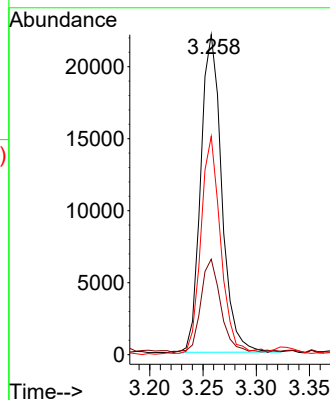
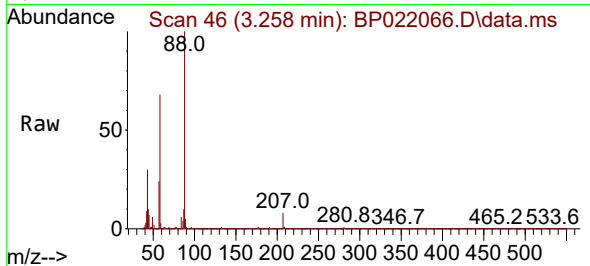
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#2
1,4-Dioxane
Concen: 9.290 ng/uL
RT: 3.258 min Scan# 46
Delta R.T. 0.000 min
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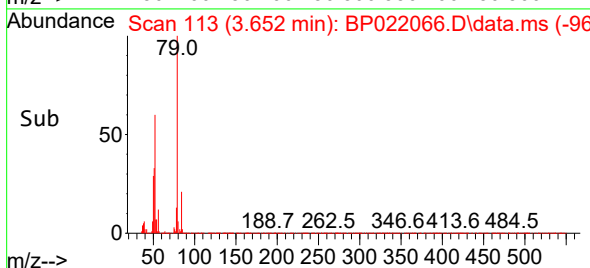
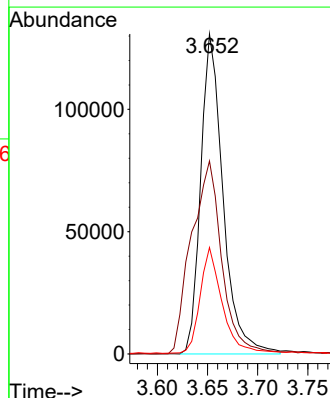
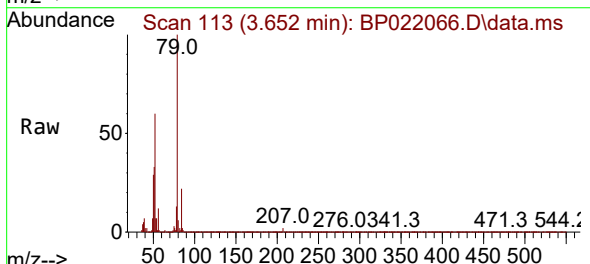
Instrument :
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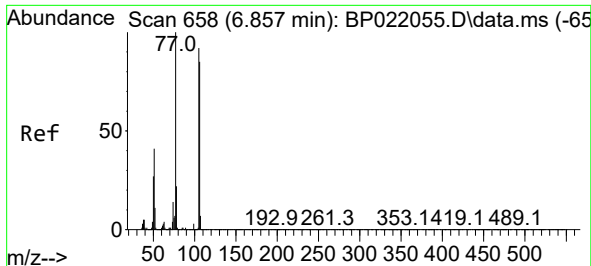
Tgt Ion:	88	Resp:	30276
Ion	Ratio	Lower	Upper
88	100		
43	29.9	22.1	33.1
58	68.2	49.3	73.9



#5
Pyridine
Concen: 23.297 ng/uL
RT: 3.652 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion:	79	Resp:	203545
Ion	Ratio	Lower	Upper
79	100		
52	60.3	47.3	70.9
51	33.3	25.3	37.9

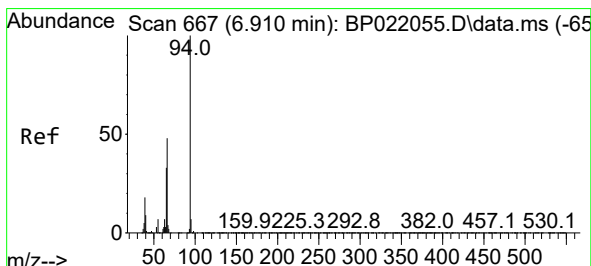
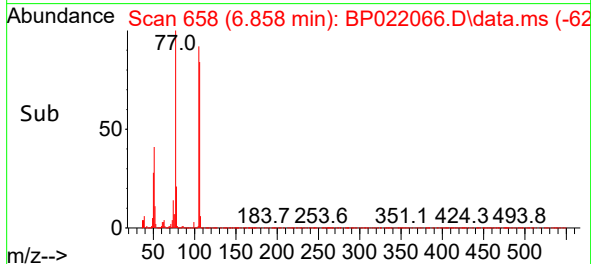
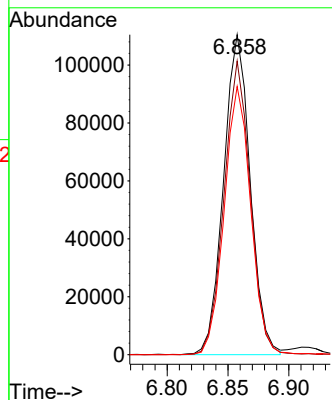
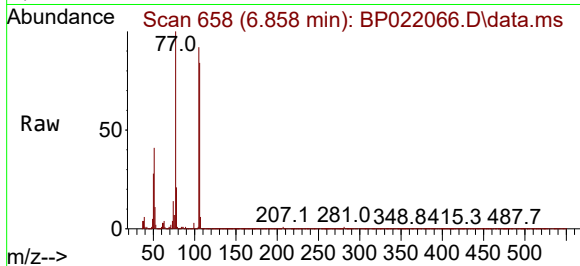




#6
Benzaldehyde
Concen: 30.892 ng/ul
RT: 6.858 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

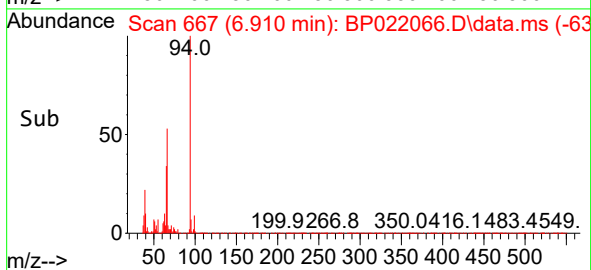
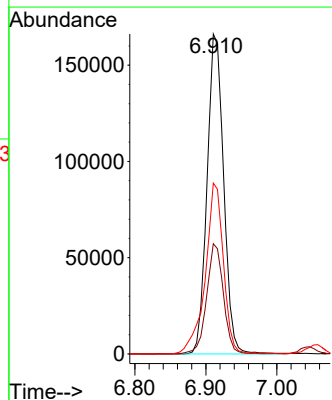
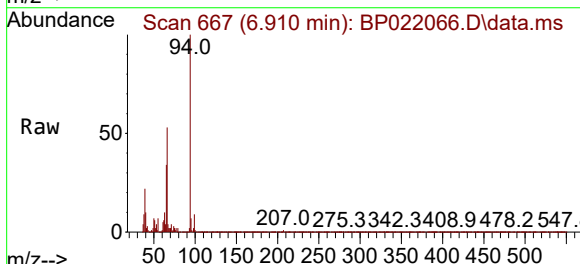
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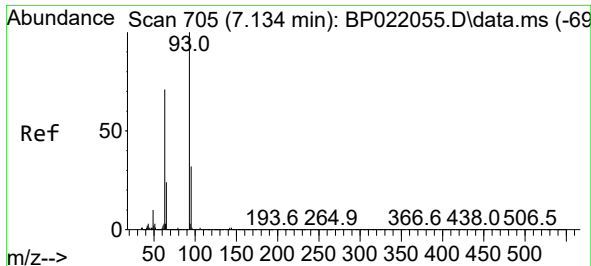
Tgt Ion: 77 Resp: 168460
Ion Ratio Lower Upper
77 100
105 91.8 70.6 106.0
106 83.8 67.4 101.0



#8
Phenol
Concen: 26.857 ng/ul
RT: 6.910 min Scan# 667
Delta R.T. -0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion: 94 Resp: 270183
Ion Ratio Lower Upper
94 100
65 34.4 26.6 40.0
66 53.4 39.6 59.4

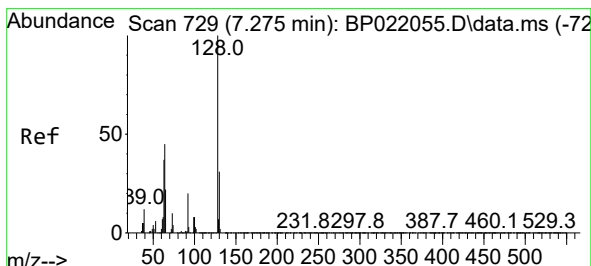
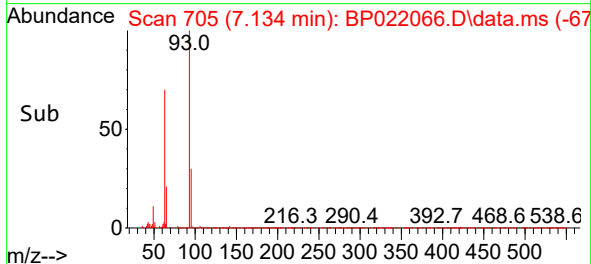
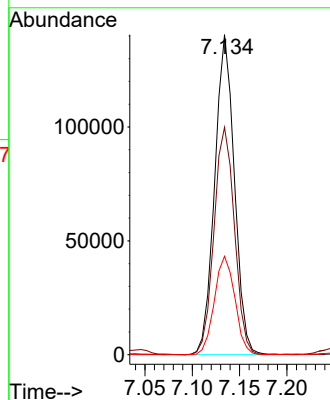
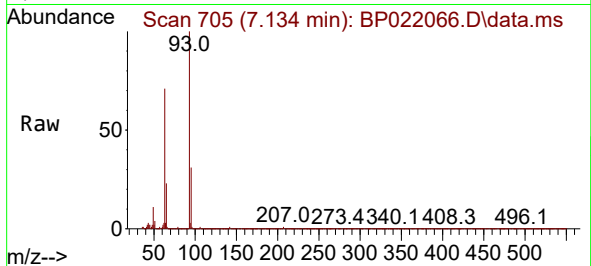




#10
Bis(2-Chloroethyl)ether
Concen: 26.371 ng/ul
RT: 7.134 min Scan# 705
Delta R.T. -0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

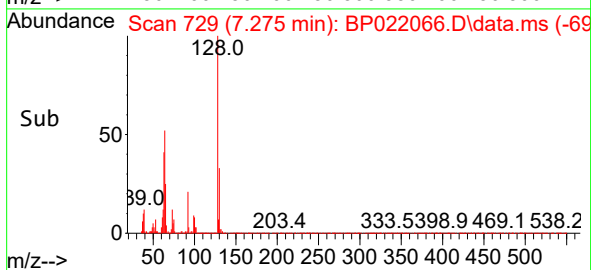
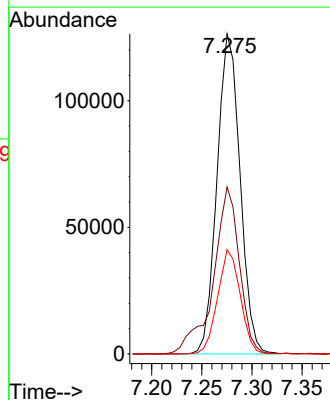
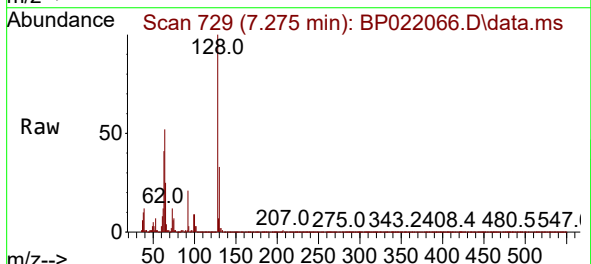
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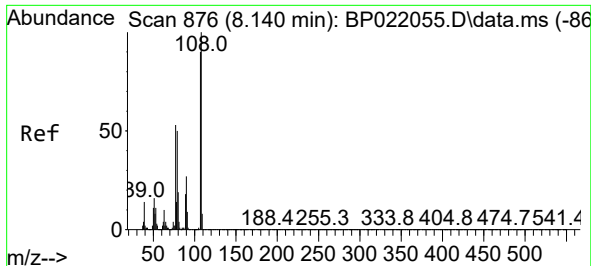
Tgt Ion: 93 Resp: 203046
Ion Ratio Lower Upper
93 100
63 71.0 57.7 86.5
95 30.8 24.9 37.3



#12
2-Chlorophenol
Concen: 27.934 ng/ul
RT: 7.275 min Scan# 729
Delta R.T. -0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion: 128 Resp: 201977
Ion Ratio Lower Upper
128 100
64 52.2 41.3 61.9
130 32.6 25.8 38.8

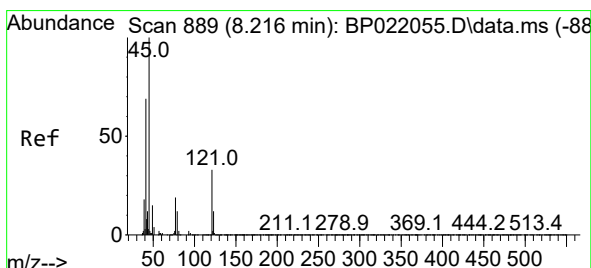
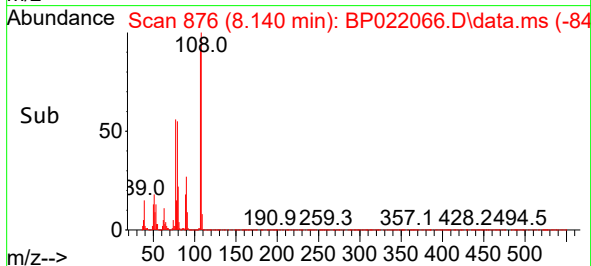
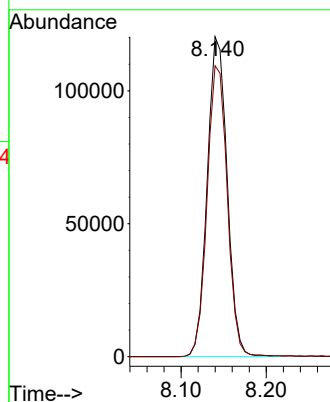
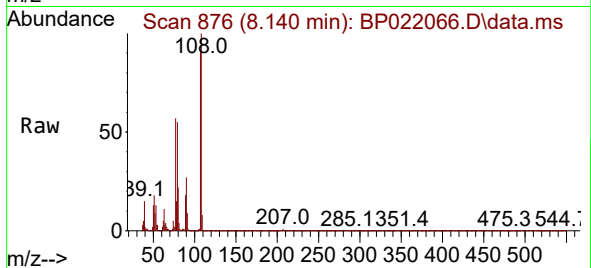




#13
2-Methylphenol
Concen: 26.818 ng/ul
RT: 8.140 min Scan# 81
Delta R.T. -0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

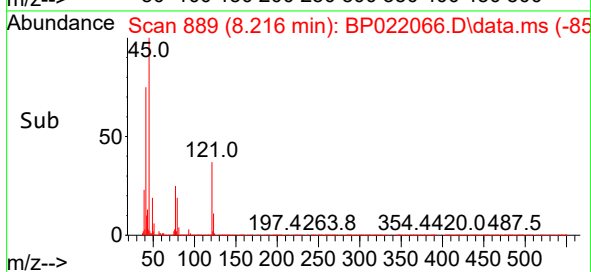
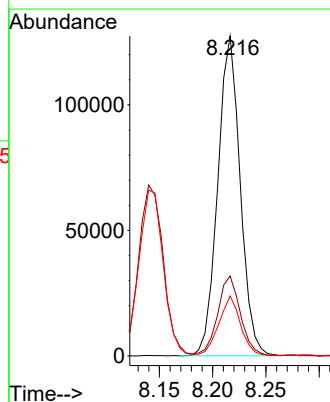
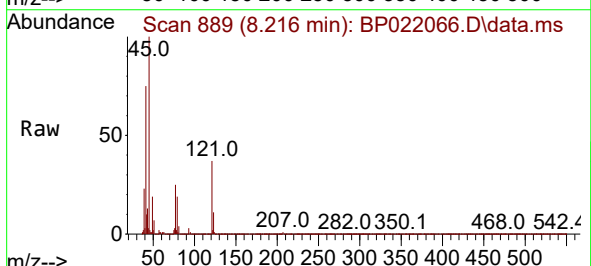
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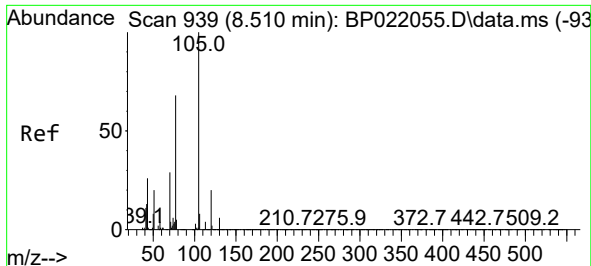
Tgt Ion:108 Resp: 195666
Ion Ratio Lower Upper
108 100
107 90.9 71.3 106.9



#14
2,2'-oxybis(1-Chloropropane)
Concen: 26.120 ng/ul
RT: 8.216 min Scan# 889
Delta R.T. -0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion: 45 Resp: 186572
Ion Ratio Lower Upper
45 100
77 25.0 18.6 27.8
79 18.7 13.2 19.8

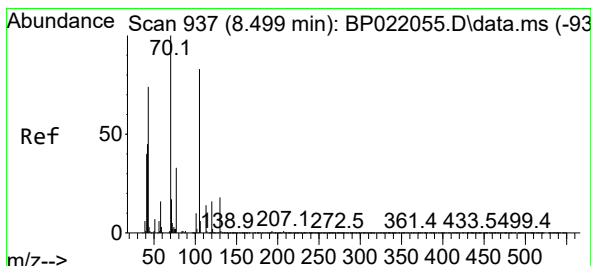
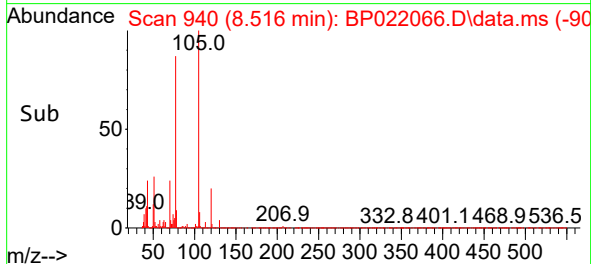
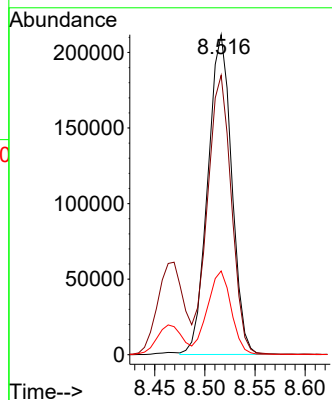
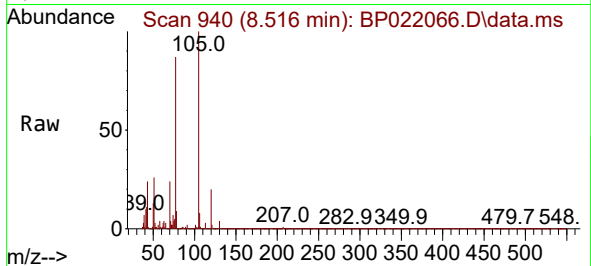




#16
Acetophenone
Concen: 27.576 ng/ul
RT: 8.516 min Scan# 940
Delta R.T. 0.000 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

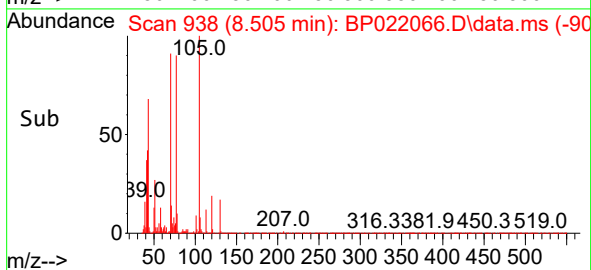
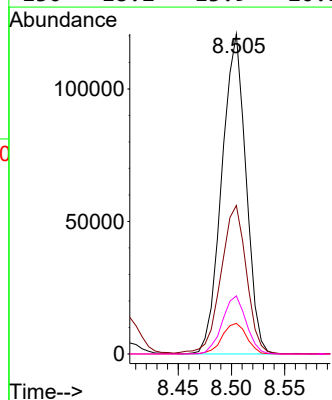
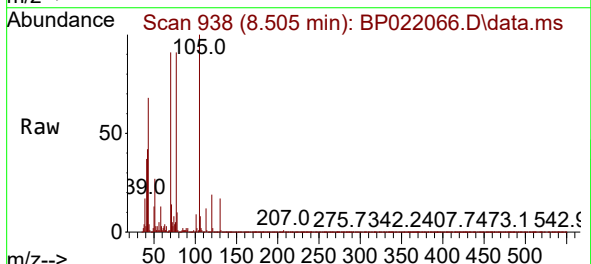
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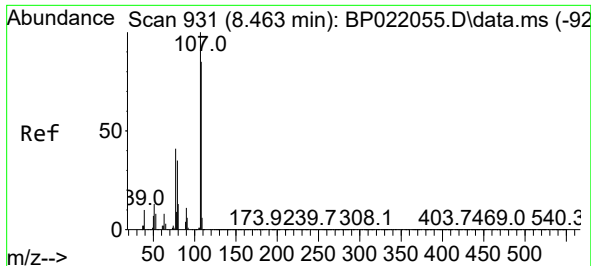
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Ion Ratio Lower Upper
105 100
77 87.3 67.9 101.9
51 26.2 19.8 29.6



#17
N-Nitroso-di-n-propylamine
Concen: 28.861 ng/ul
RT: 8.505 min Scan# 938
Delta R.T. 0.000 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion: 70 Resp: 190109
Ion Ratio Lower Upper
70 100
42 46.4 35.5 53.3
101 9.5 7.3 10.9
130 18.2 13.9 20.9

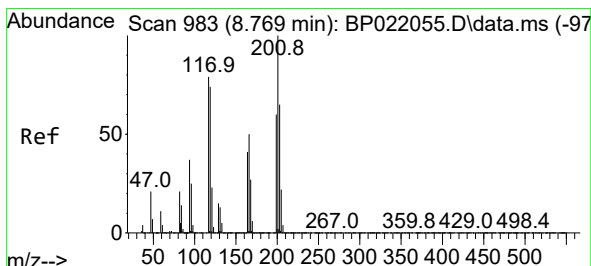
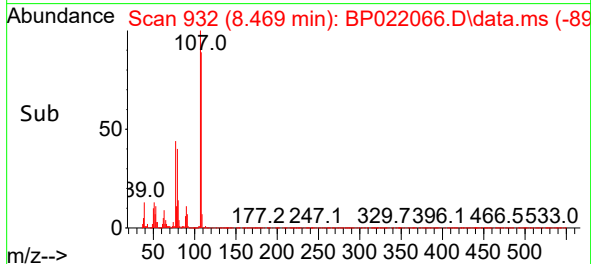
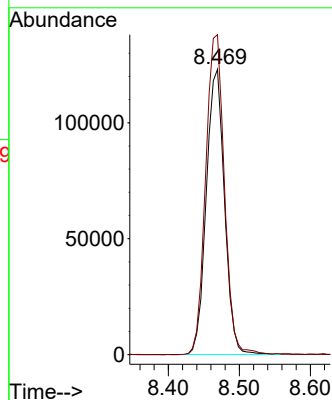
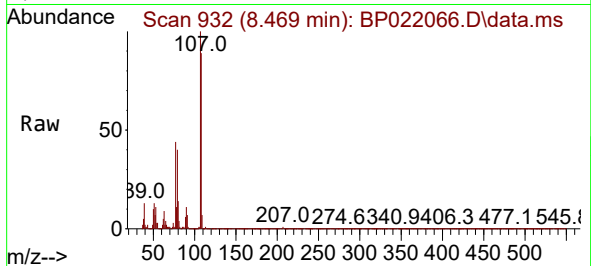




#18
4-Methylphenol
Concen: 27.565 ng/ul
RT: 8.469 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

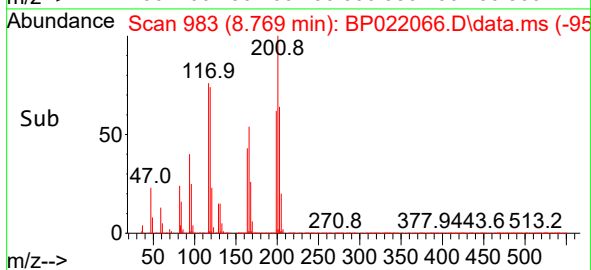
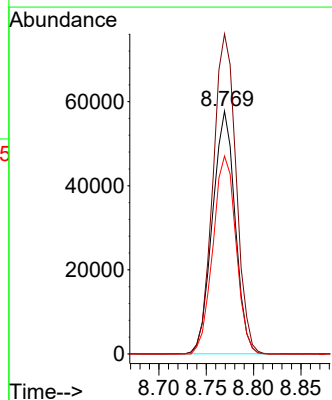
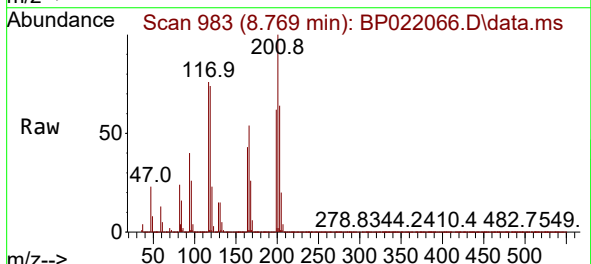
Instrument :
BNA_P
ClientSampleId :
SLCS537

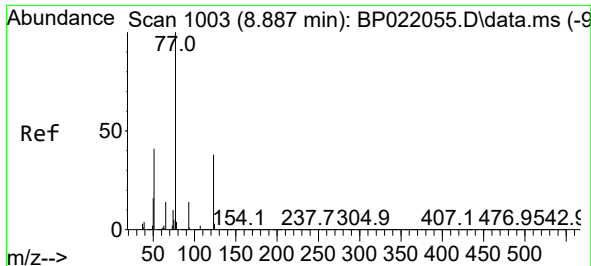
Tgt Ion:108 Resp: 219319
Ion Ratio Lower Upper
108 100
107 112.2 92.0 138.0



#19
Hexachloroethane
Concen: 28.106 ng/ul
RT: 8.769 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion:117 Resp: 95930
Ion Ratio Lower Upper
117 100
201 131.7 110.2 165.4
199 81.5 67.9 101.9

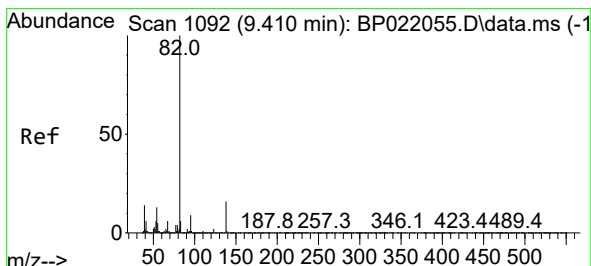
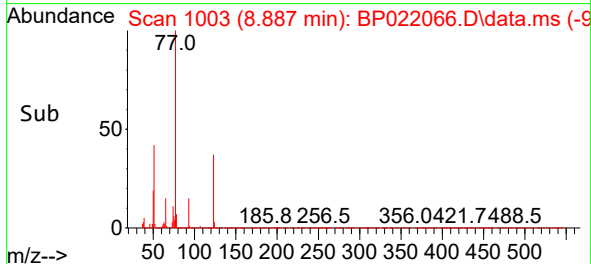
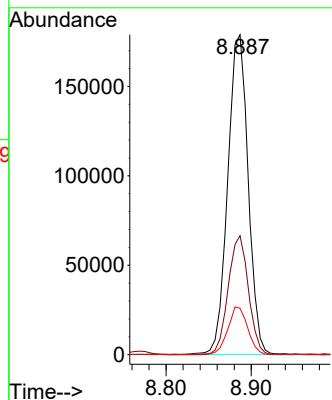
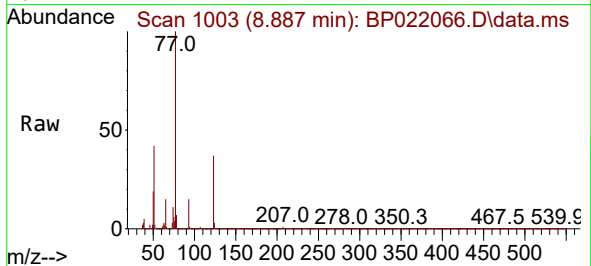




#22
Nitrobenzene
Concen: 28.390 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

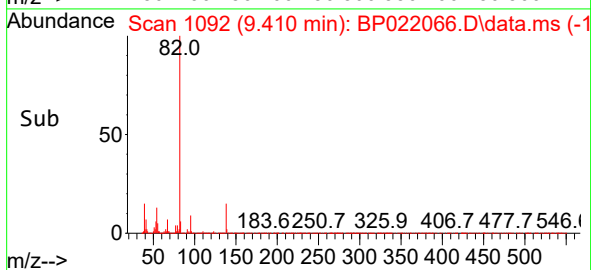
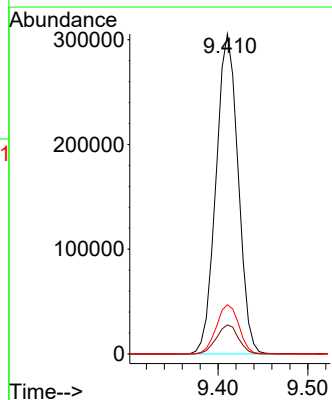
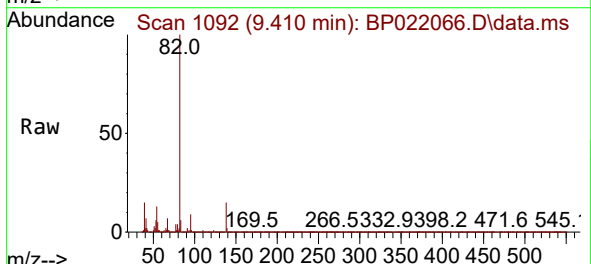
Instrument :
BNA_P
ClientSampleId :
SLCS537

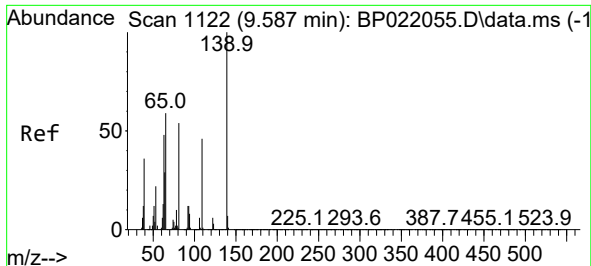
Tgt Ion: 77 Resp: 297007
Ion Ratio Lower Upper
77 100
123 37.2 29.8 44.8
65 14.5 11.3 16.9



#23
Isophorone
Concen: 28.825 ng/ul
RT: 9.410 min Scan# 1092
Delta R.T. 0.000 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion: 82 Resp: 522338
Ion Ratio Lower Upper
82 100
95 9.1 7.0 10.4
138 15.4 11.9 17.9

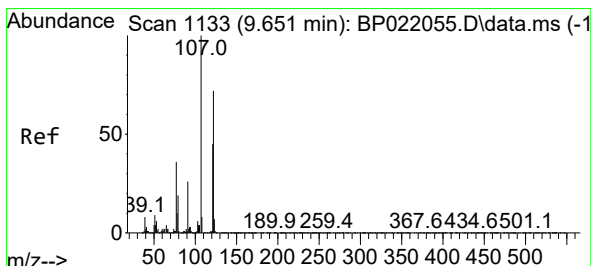
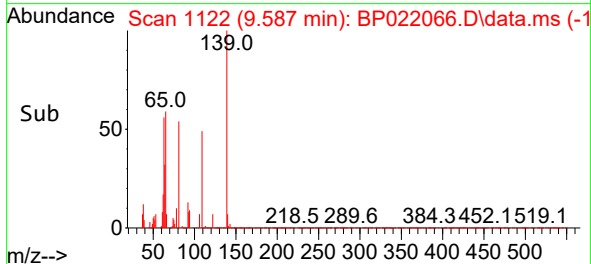
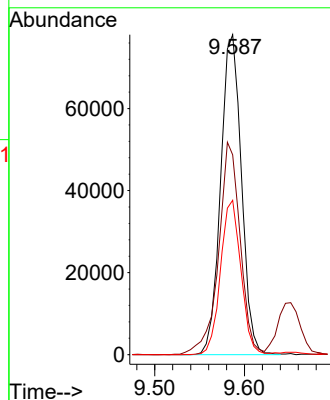
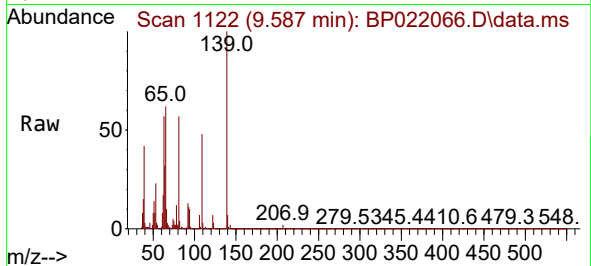




#25
2-Nitrophenol
Concen: 30.186 ng/ul
RT: 9.587 min Scan# 1122
Delta R.T. -0.012 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

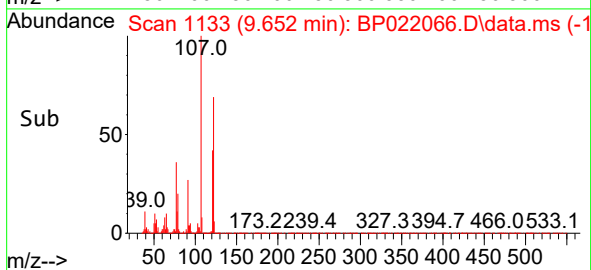
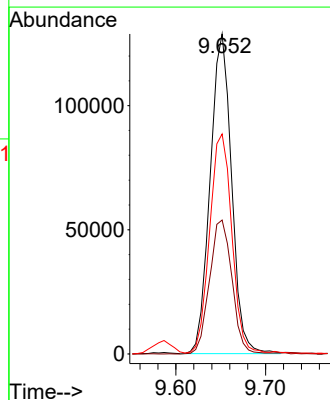
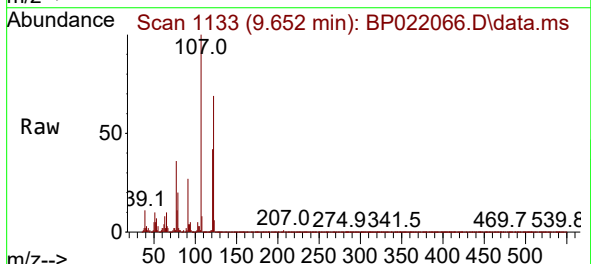
Instrument :
BNA_P
ClientSampleId :
SLCS537

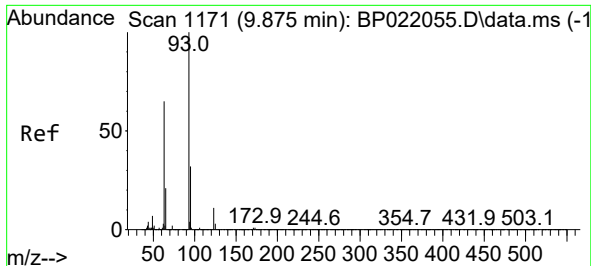
Tgt Ion:139 Resp: 125308
Ion Ratio Lower Upper
139 100
65 62.4 47.8 71.6
109 48.3 35.3 52.9



#26
2,4-Dimethylphenol
Concen: 22.691 ng/ul
RT: 9.652 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion:107 Resp: 213389
Ion Ratio Lower Upper
107 100
121 41.9 37.0 55.4
122 68.8 57.6 86.4





#27

Bis(2-Chloroethoxy)methane

Concen: 28.397 ng/ul

RT: 9.875 min Scan# 1171

Delta R.T. -0.012 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

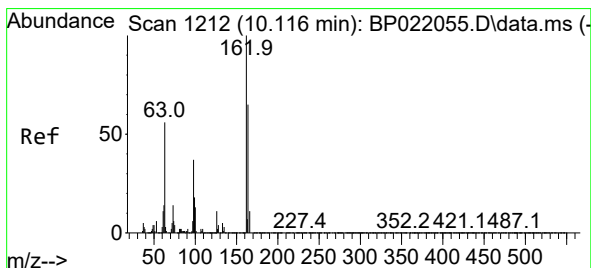
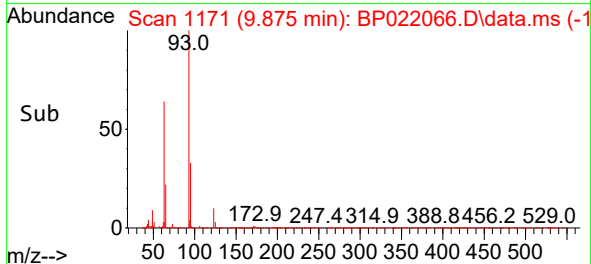
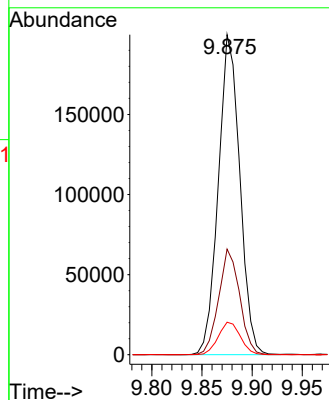
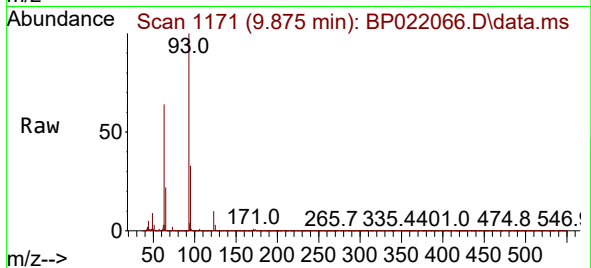
Tgt Ion: 93 Resp: 296624

Ion Ratio Lower Upper

93 100

95 33.0 25.3 37.9

123 10.1 8.1 12.1



#29

2,4-Dichlorophenol

Concen: 29.993 ng/ul

RT: 10.122 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

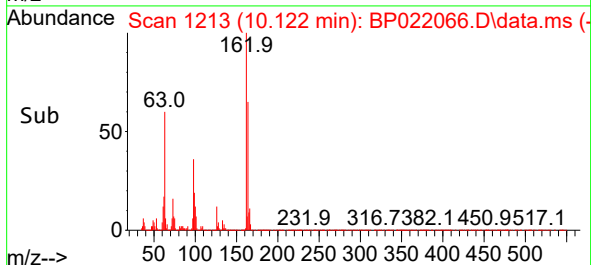
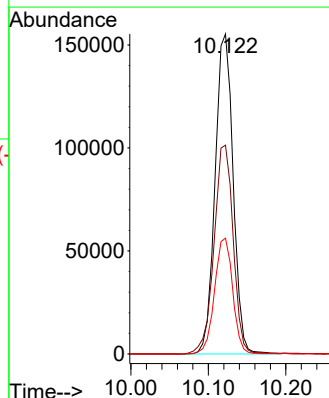
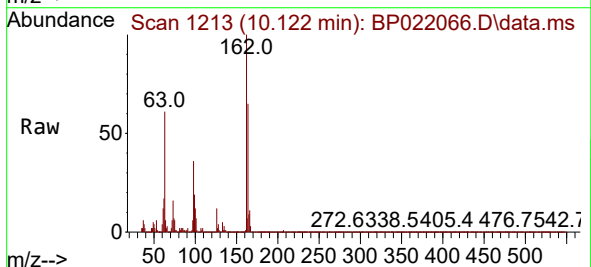
Tgt Ion:162 Resp: 251066

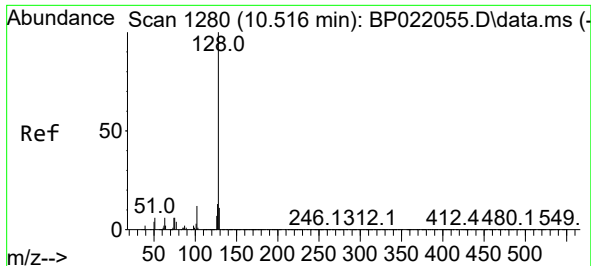
Ion Ratio Lower Upper

162 100

164 65.2 52.4 78.6

98 36.2 29.8 44.8

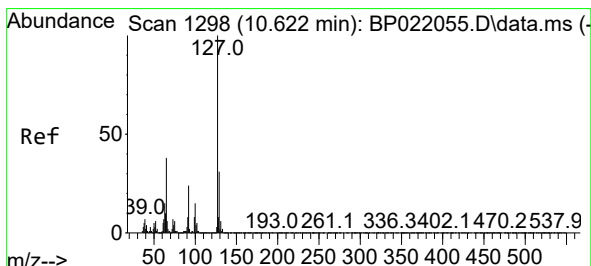
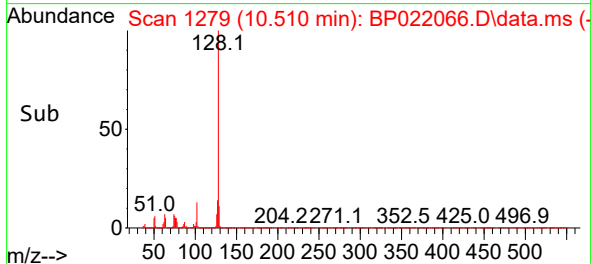
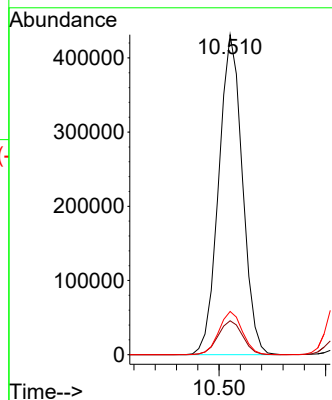
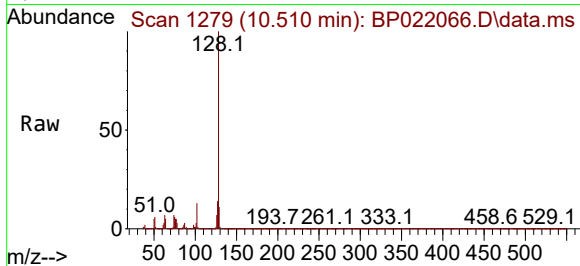




#30
Naphthalene
Concen: 27.657 ng/ul
RT: 10.510 min Scan# 1279
Delta R.T. -0.012 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

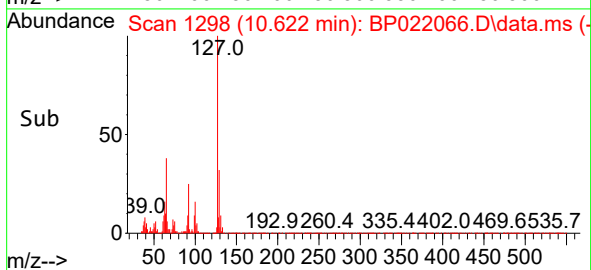
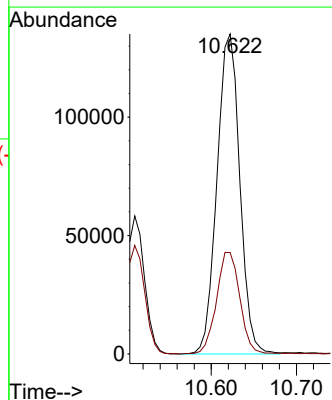
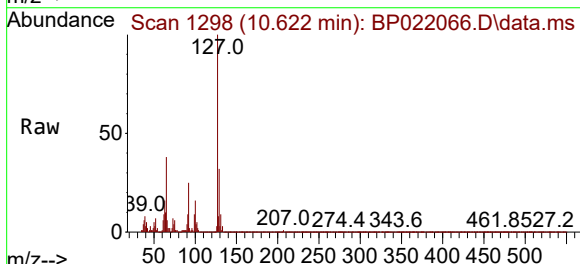
Instrument :
BNA_P
ClientSampleId :
SLCS537

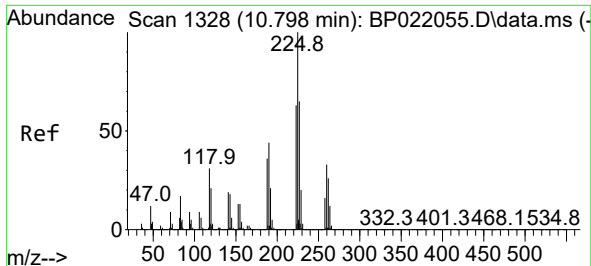
Tgt Ion:128 Resp: 665292
Ion Ratio Lower Upper
128 100
129 10.6 8.9 13.3
127 13.5 10.9 16.3



#32
4-Chloroaniline
Concen: 25.207 ng/ul
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion:127 Resp: 250975
Ion Ratio Lower Upper
127 100
129 31.7 25.1 37.7

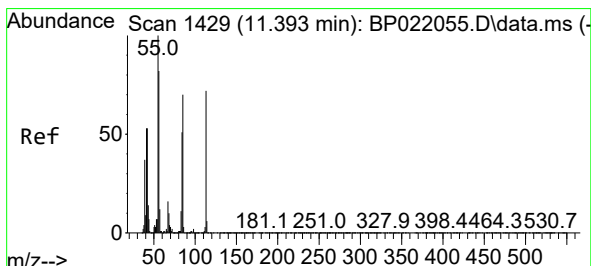
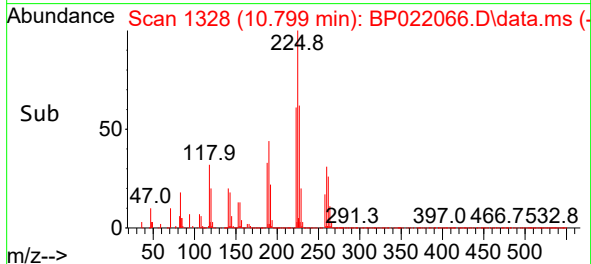
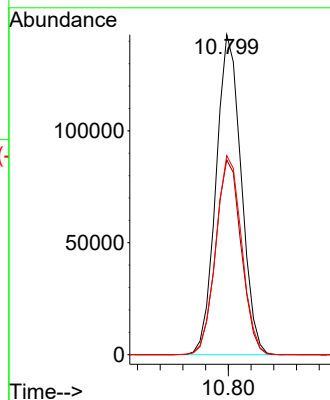
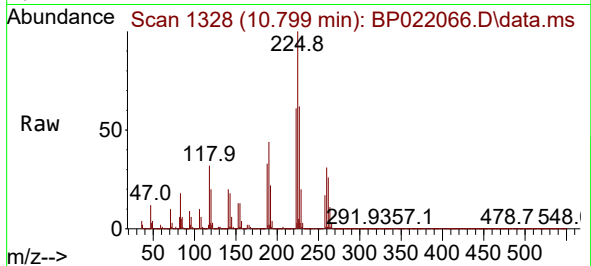




#33
Hexachlorobutadiene
Concen: 29.613 ng/ul
RT: 10.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

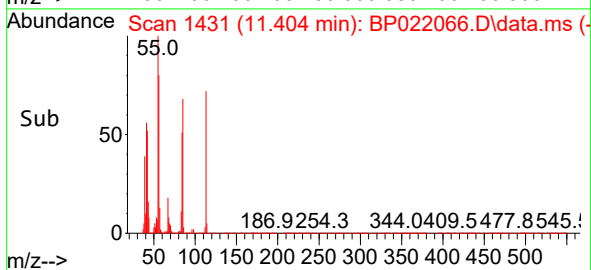
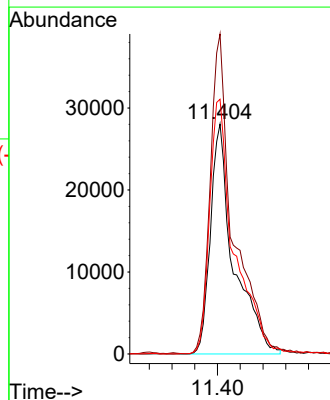
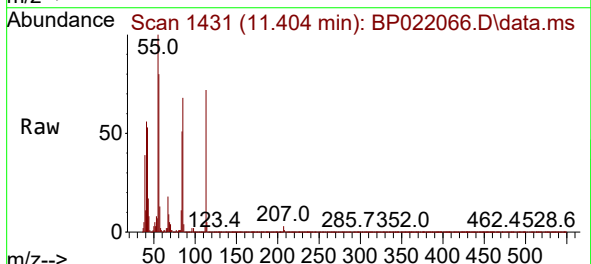
Instrument :
BNA_P
ClientSampleId :
SLCS537

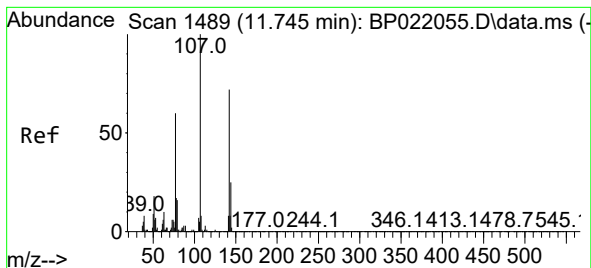
Tgt Ion:225 Resp: 220089
Ion Ratio Lower Upper
225 100
223 60.8 47.1 70.7
227 62.2 51.6 77.4



#34
Caprolactam
Concen: 31.340 ng/ul
RT: 11.404 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion:113 Resp: 79582
Ion Ratio Lower Upper
113 100
55 139.2 108.9 163.3
56 110.8 101.8 152.8

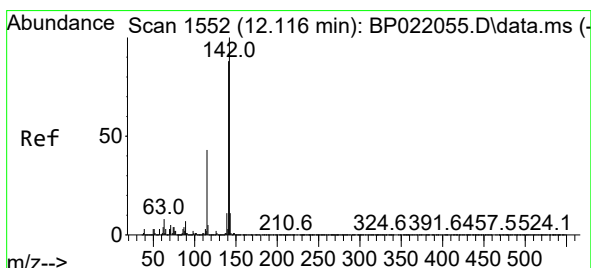
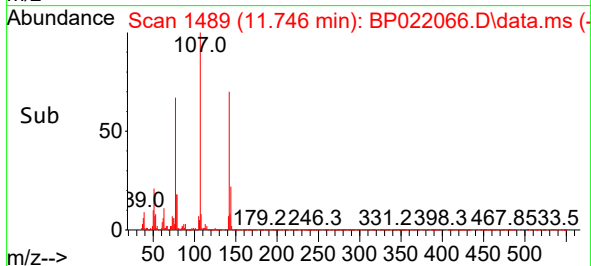
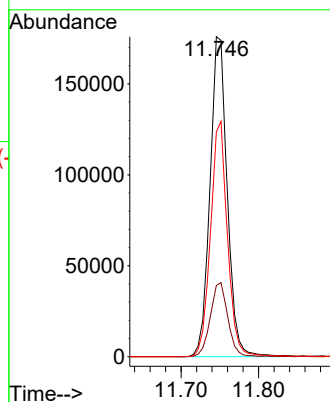
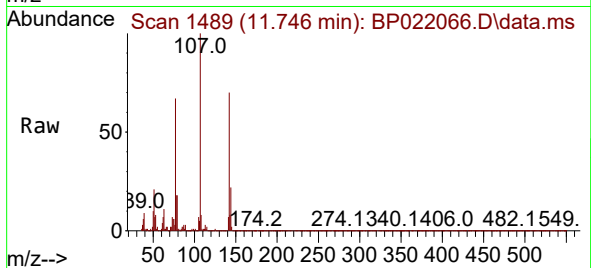




#35
4-Chloro-3-methylphenol
Concen: 30.065 ng/ul
RT: 11.746 min Scan# 1489
Delta R.T. -0.012 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

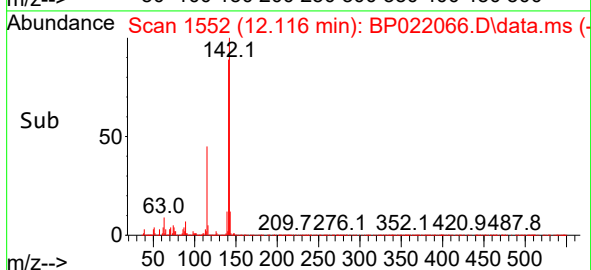
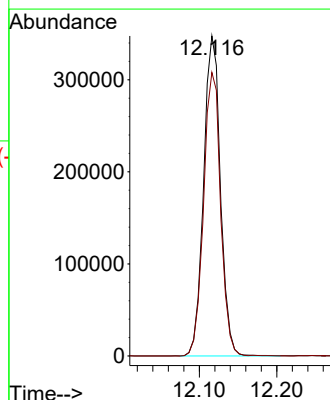
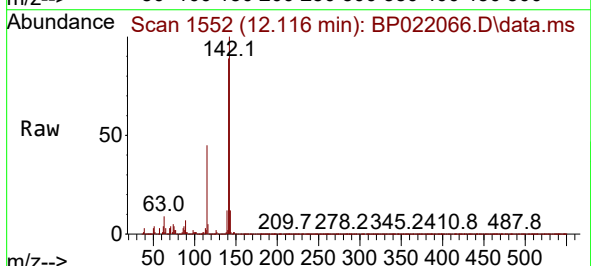
Instrument :
BNA_P
ClientSampleId :
SLCS537

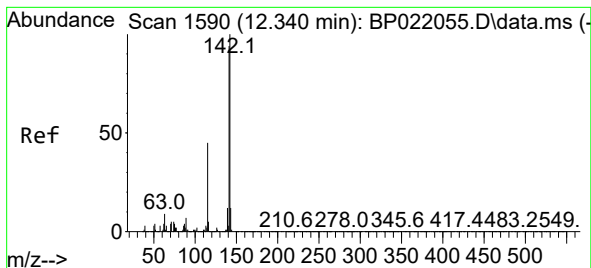
Tgt Ion:107 Resp: 272268
Ion Ratio Lower Upper
107 100
144 22.3 19.9 29.9
142 70.2 57.4 86.0



#36
2-Methylnaphthalene
Concen: 29.197 ng/ul
RT: 12.116 min Scan# 1552
Delta R.T. -0.012 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion:142 Resp: 521955
Ion Ratio Lower Upper
142 100
141 88.6 72.6 109.0





#37

1-Methylnaphthalene

Concen: 29.397 ng/ul

RT: 12.345 min Scan# 1590

Delta R.T. 0.000 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

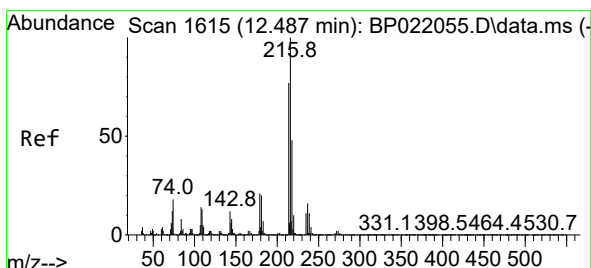
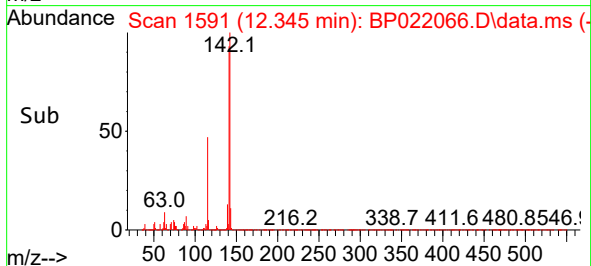
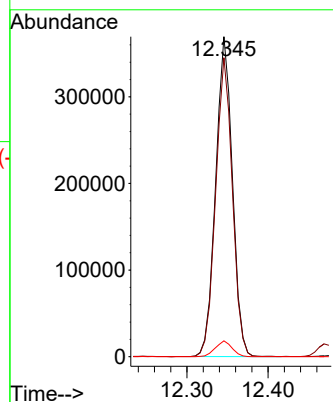
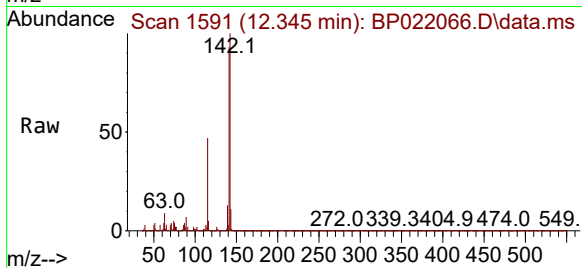
Tgt Ion:142 Resp: 530002

Ion Ratio Lower Upper

142 100

141 93.4 74.6 111.8

116 5.0 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.182 ng/ul

RT: 12.493 min Scan# 1616

Delta R.T. -0.006 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Tgt Ion:216 Resp: 394258

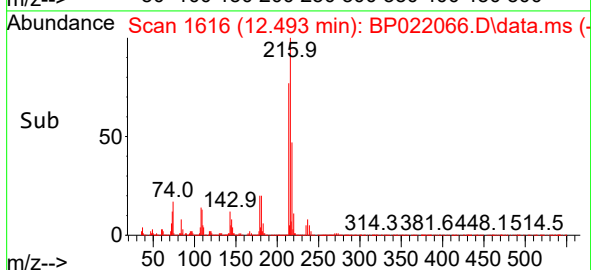
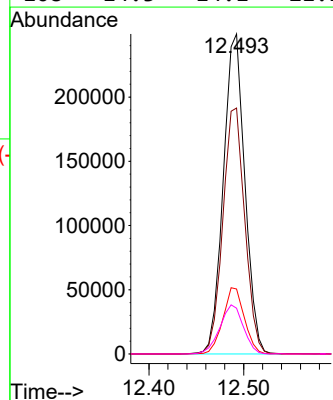
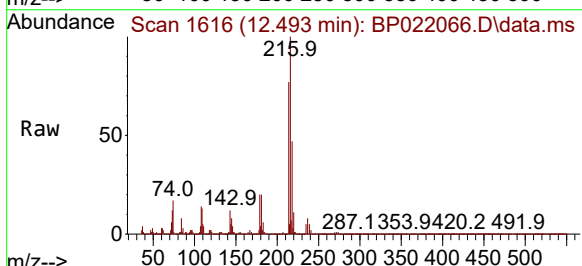
Ion Ratio Lower Upper

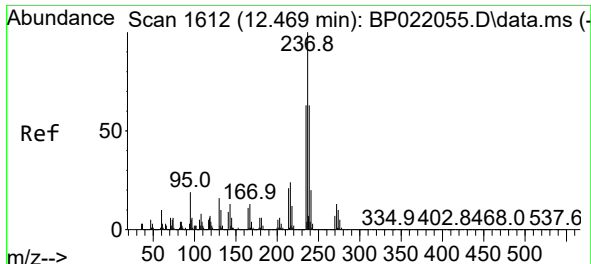
216 100

214 76.9 62.8 94.2

179 20.3 17.9 26.9

108 14.3 14.1 21.1

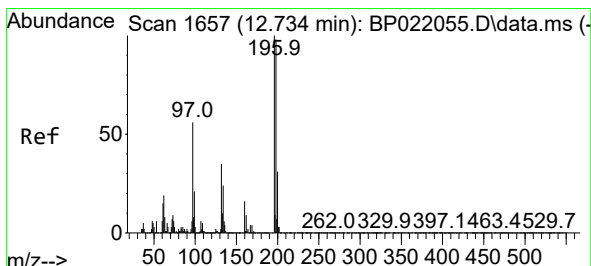
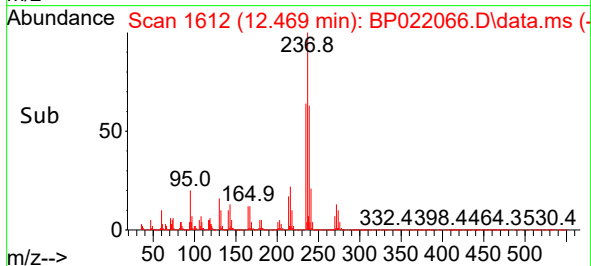
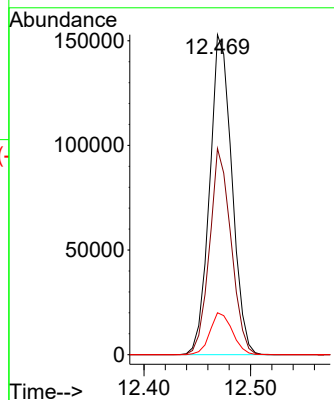
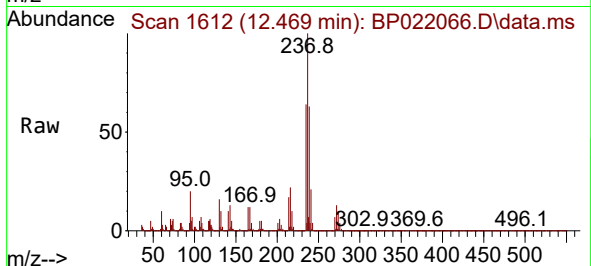




#40
Hexachlorocyclopentadiene
Concen: 25.136 ng/ul
RT: 12.469 min Scan# 1612
Delta R.T. -0.018 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

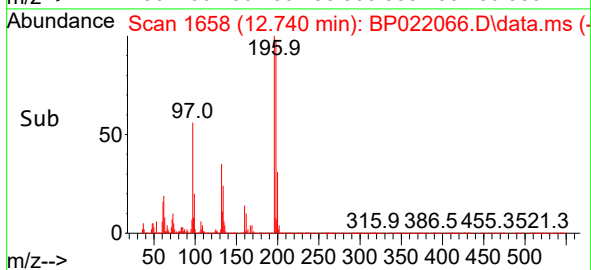
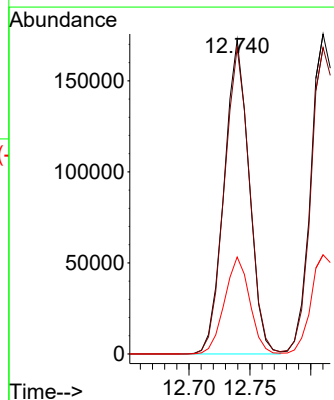
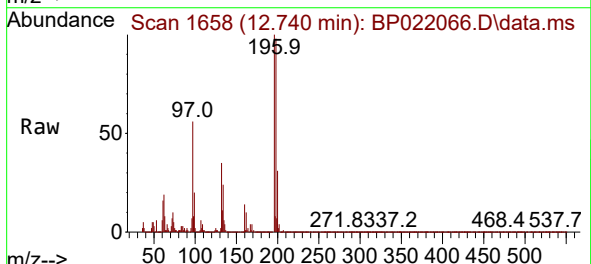
Instrument :
BNA_P
ClientSampleId :
SLCS537

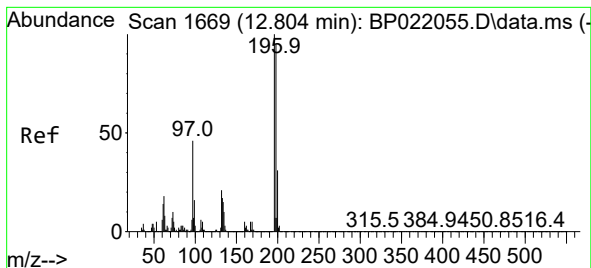
Tgt Ion:237 Resp: 221185
Ion Ratio Lower Upper
237 100
235 64.5 51.8 77.6
272 13.1 10.5 15.7



#41
2,4,6-Trichlorophenol
Concen: 29.401 ng/ul
RT: 12.740 min Scan# 1658
Delta R.T. -0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion:196 Resp: 245878
Ion Ratio Lower Upper
196 100
198 97.5 77.6 116.4
200 30.9 24.2 36.4





#42

2,4,5-Trichlorophenol

Concen: 30.233 ng/ul

RT: 12.810 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

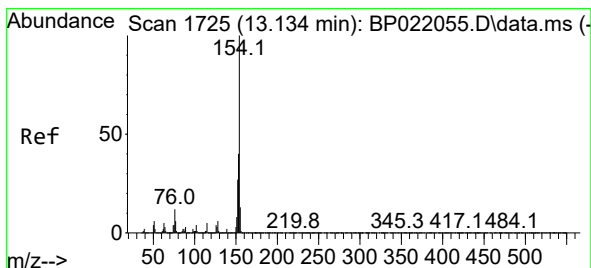
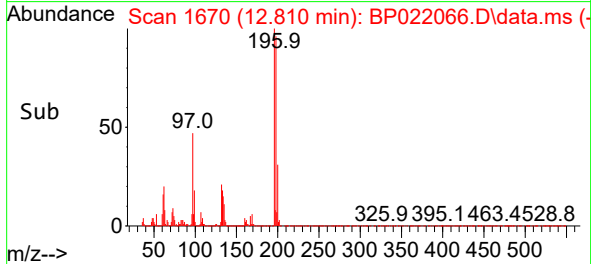
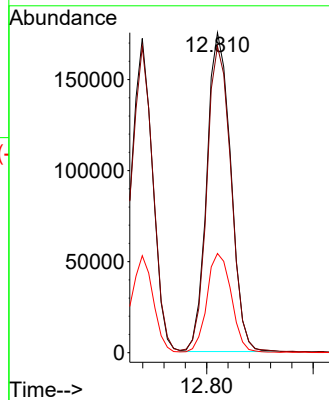
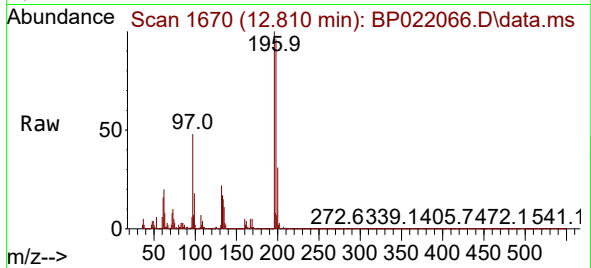
Tgt Ion:196 Resp: 273793

Ion Ratio Lower Upper

196 100

198 95.7 78.2 117.2

200 31.0 26.1 39.1



#43

1,1'-Biphenyl

Concen: 27.886 ng/ul

RT: 13.140 min Scan# 1726

Delta R.T. -0.012 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

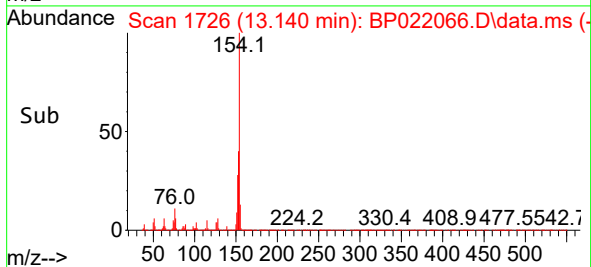
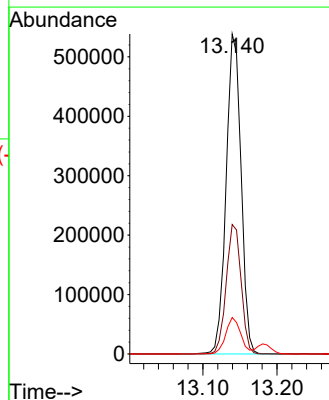
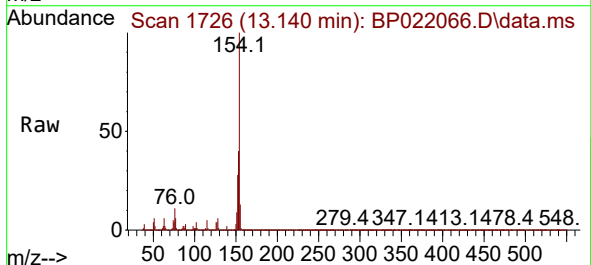
Tgt Ion:154 Resp: 752448

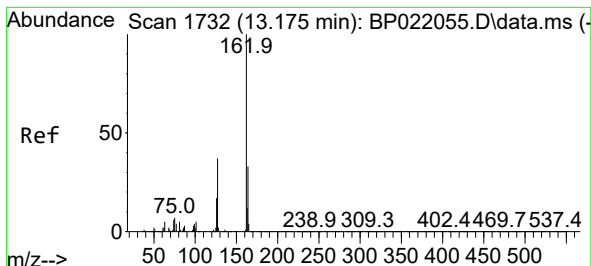
Ion Ratio Lower Upper

154 100

153 40.5 32.6 49.0

76 11.4 10.1 15.1





#44

2-Chloronaphthalene

Concen: 28.076 ng/ul

RT: 13.181 min Scan# 1733

Delta R.T. -0.006 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

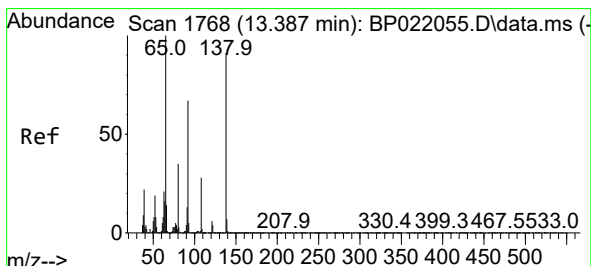
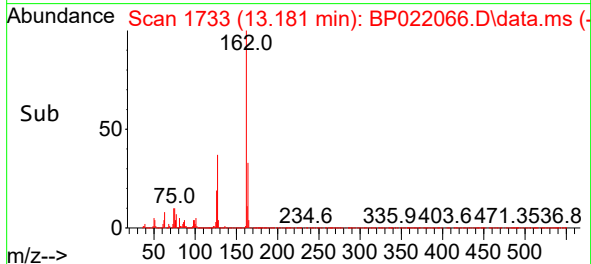
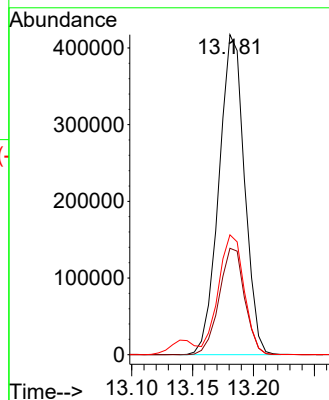
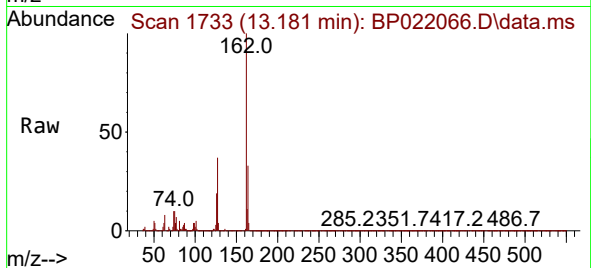
Tgt Ion:162 Resp: 609948

Ion Ratio Lower Upper

162 100

164 33.2 26.2 39.2

127 37.4 30.8 46.2



#45

2-Nitroaniline

Concen: 30.734 ng/ul

RT: 13.392 min Scan# 1769

Delta R.T. 0.000 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

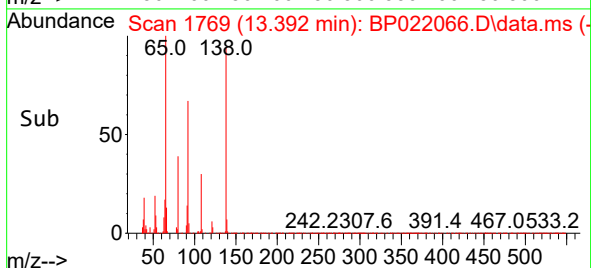
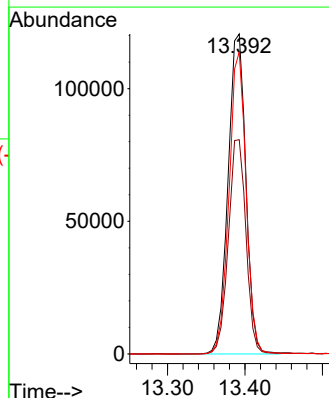
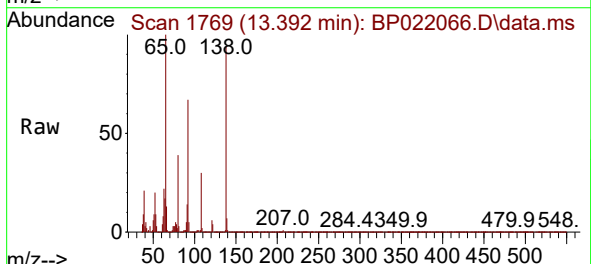
Tgt Ion: 65 Resp: 193071

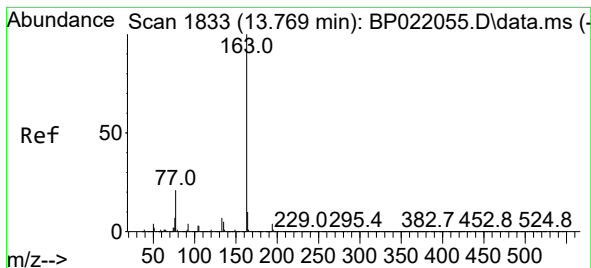
Ion Ratio Lower Upper

65 100

92 67.0 53.2 79.8

138 94.4 69.8 104.8





#47

Dimethylphthalate

Concen: 28.863 ng/ul

RT: 13.781 min Scan# 1835

Delta R.T. 0.006 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

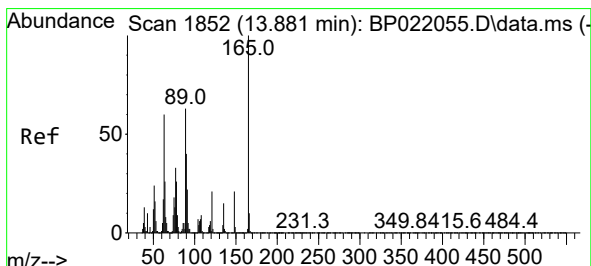
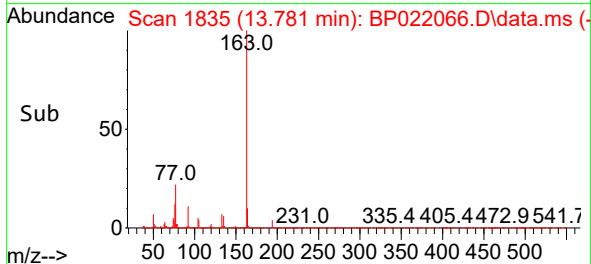
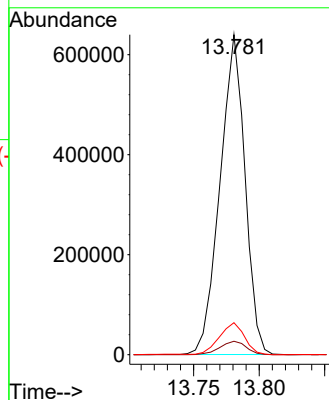
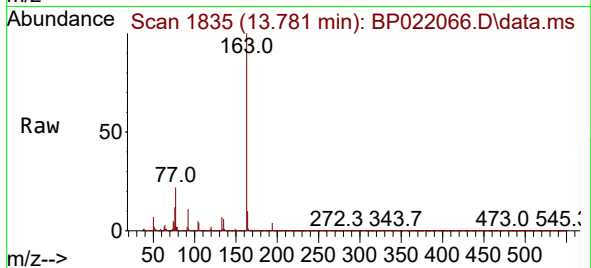
Tgt Ion:163 Resp: 845564

Ion Ratio Lower Upper

163 100

194 4.2 3.5 5.3

164 10.0 7.9 11.9



#48

2,6-Dinitrotoluene

Concen: 31.034 ng/ul

RT: 13.887 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

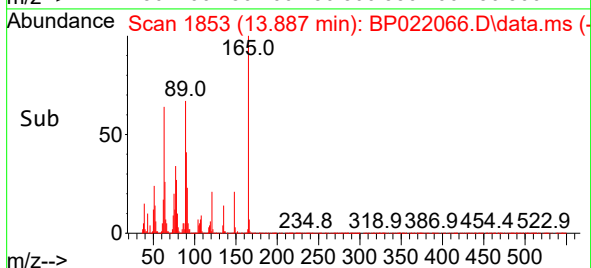
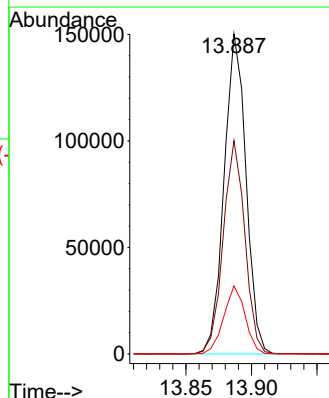
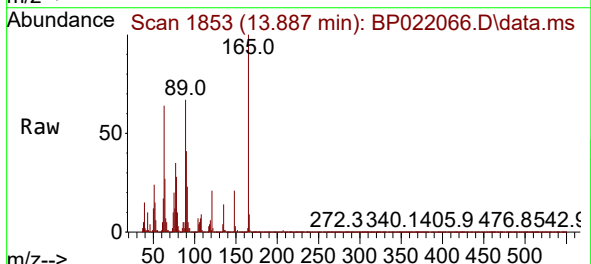
Tgt Ion:165 Resp: 174294

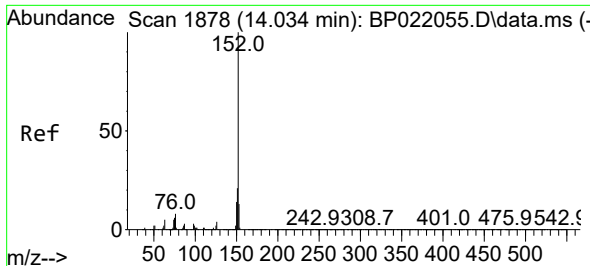
Ion Ratio Lower Upper

165 100

89 66.6 50.9 76.3

121 21.2 16.1 24.1

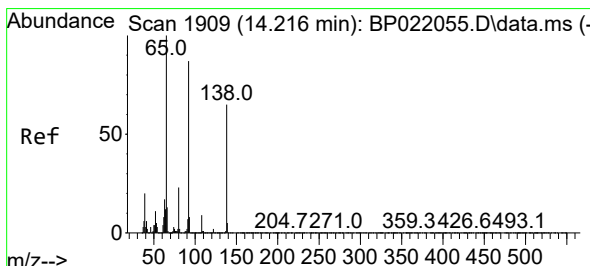
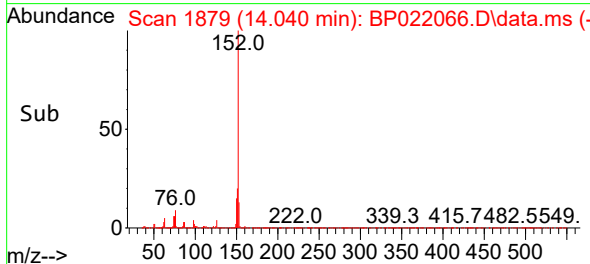
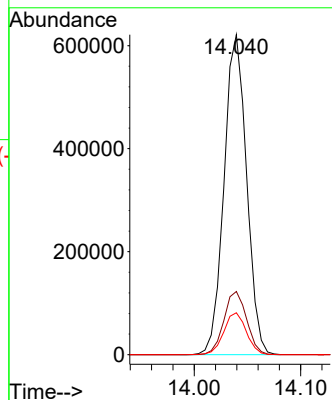
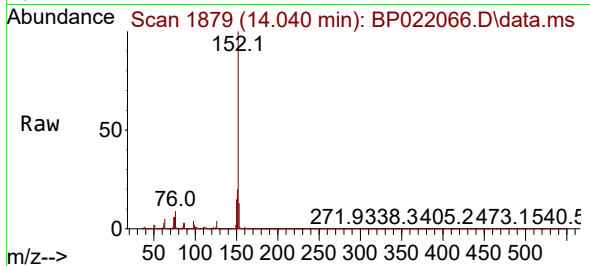




#50
Acenaphthylene
Concen: 28.319 ng/ul
RT: 14.040 min Scan# 1910
Delta R.T. 0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

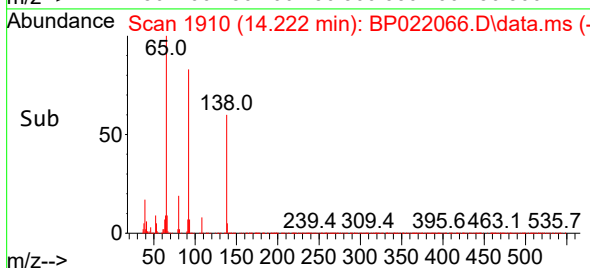
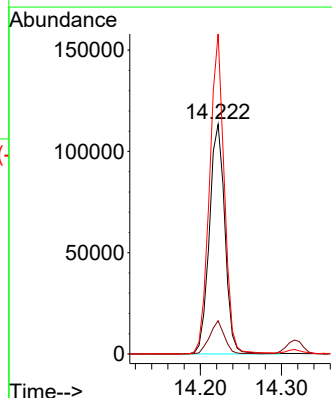
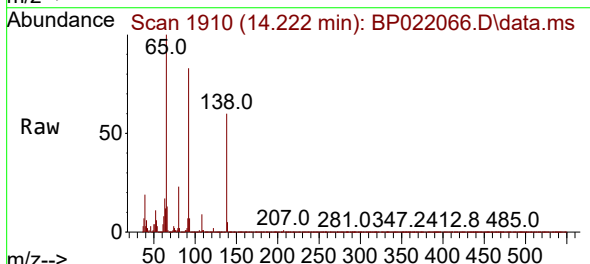
Instrument :
BNA_P
ClientSampleId :
SLCS537

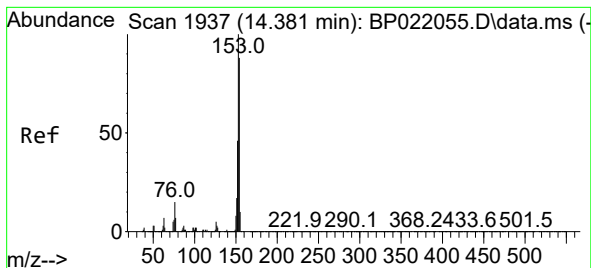
Tgt Ion:152 Resp: 911996
Ion Ratio Lower Upper
152 100
151 19.7 15.6 23.4
153 13.1 10.6 15.8



#51
3-Nitroaniline
Concen: 29.375 ng/ul
RT: 14.222 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion:138 Resp: 150198
Ion Ratio Lower Upper
138 100
108 14.5 10.6 16.0
92 139.4 107.2 160.8





#52

Acenaphthene

Concen: 28.241 ng/ul

RT: 14.381 min Scan# 1937

Delta R.T. -0.006 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

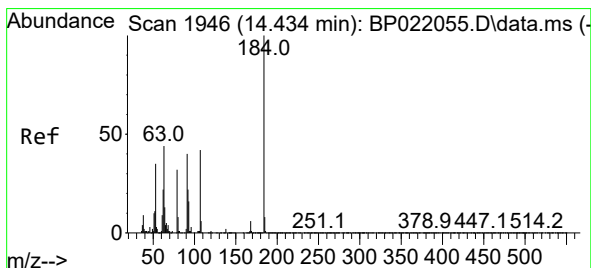
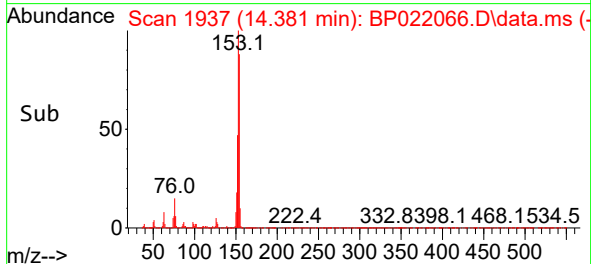
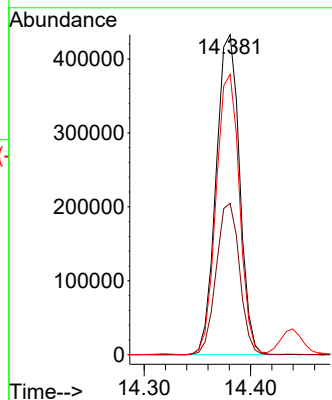
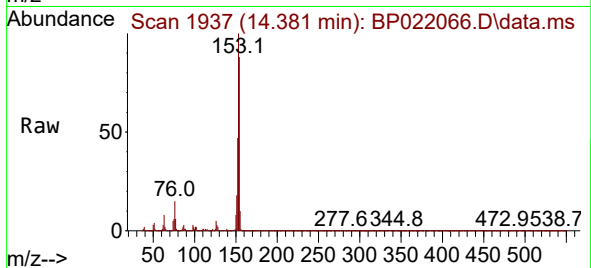
Tgt Ion:153 Resp: 660817

Ion Ratio Lower Upper

153 100

152 47.3 37.1 55.7

154 87.6 67.4 101.0



#53

2,4-Dinitrophenol

Concen: 19.642 ng/ul

RT: 14.439 min Scan# 1947

Delta R.T. 0.012 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

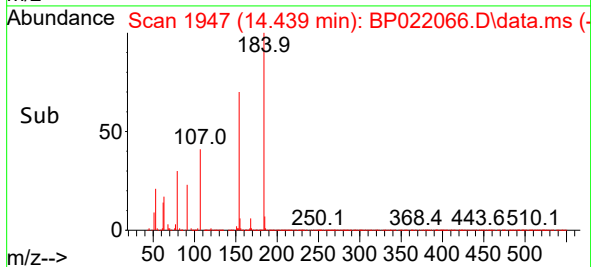
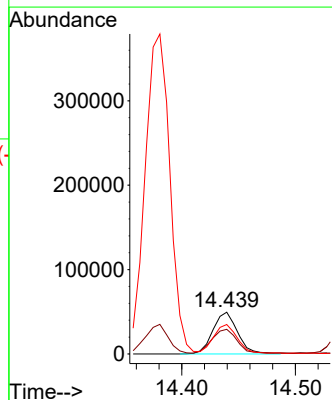
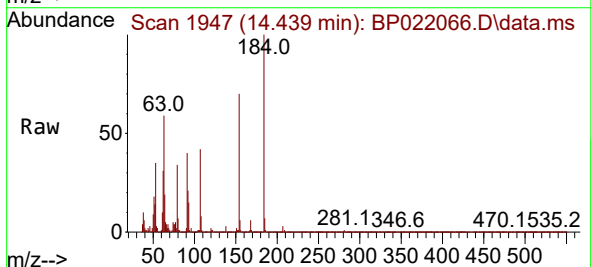
Tgt Ion:184 Resp: 75060

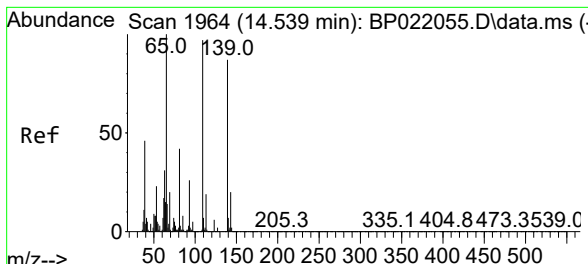
Ion Ratio Lower Upper

184 100

63 59.1 44.7 67.1

154 70.5 55.0 82.6

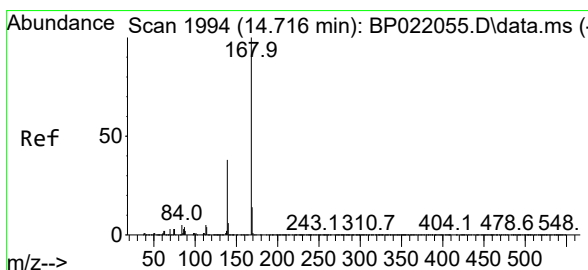
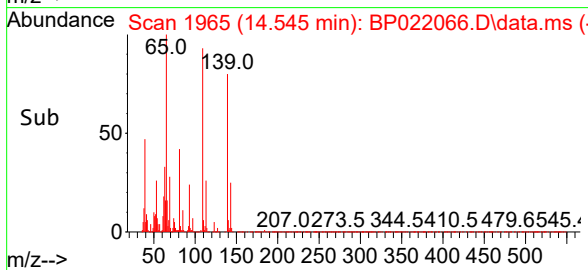
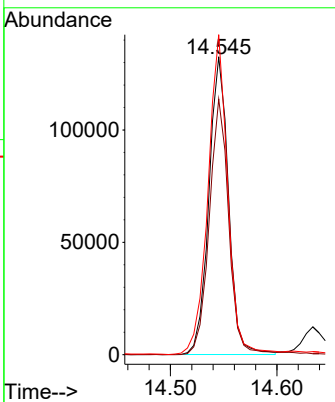
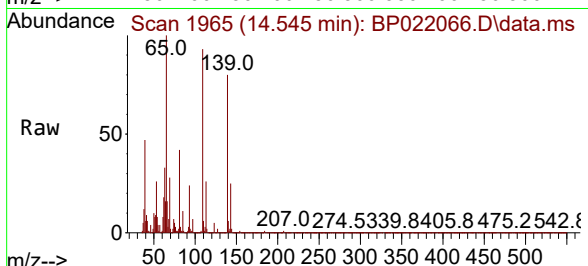




#55
4-Nitrophenol
Concen: 30.079 ng/ul
RT: 14.545 min Scan# 1965
Delta R.T. 0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

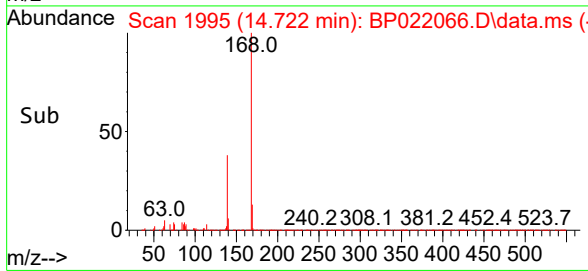
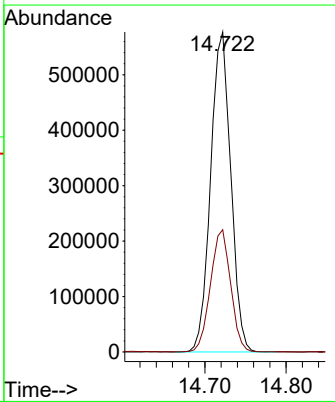
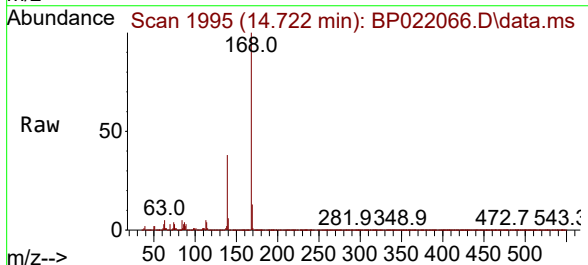
Instrument :
BNA_P
ClientSampleId :
SLCS537

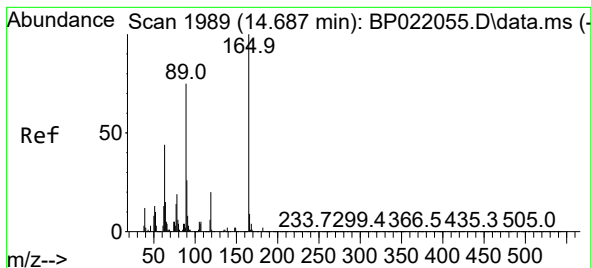
Tgt Ion:	109	Resp:	169777
Ion	Ratio	Lower	Upper
109	100		
139	85.8	76.8	115.2
65	107.4	90.8	136.2



#56
Dibenzofuran
Concen: 28.610 ng/ul
RT: 14.722 min Scan# 1995
Delta R.T. 0.000 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion:	168	Resp:	995282
Ion	Ratio	Lower	Upper
168	100		
139	38.2	31.0	46.6

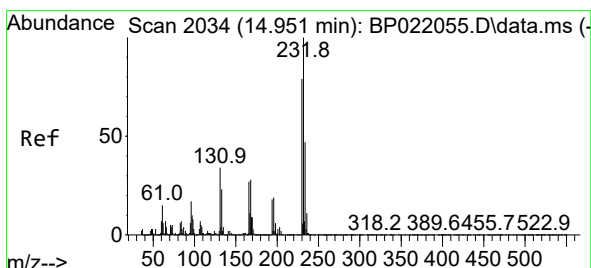
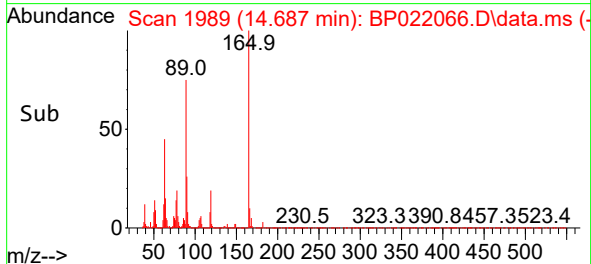
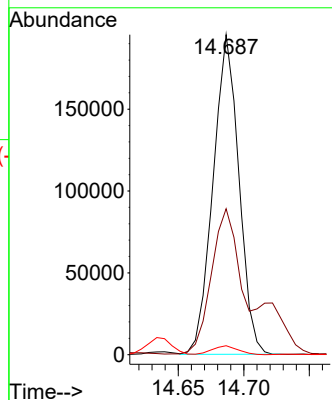
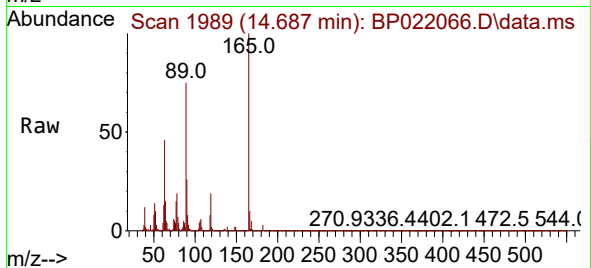




#57
2,4-Dinitrotoluene
Concen: 30.833 ng/ul
RT: 14.687 min Scan# 1989
Delta R.T. 0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

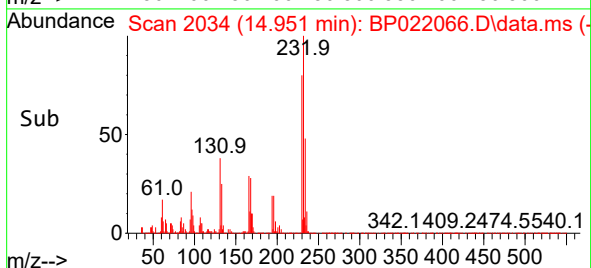
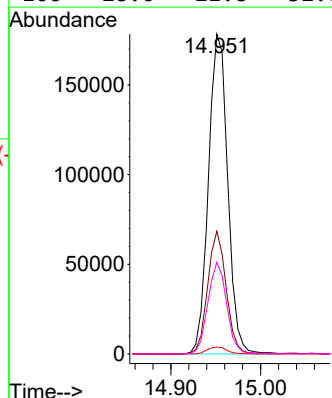
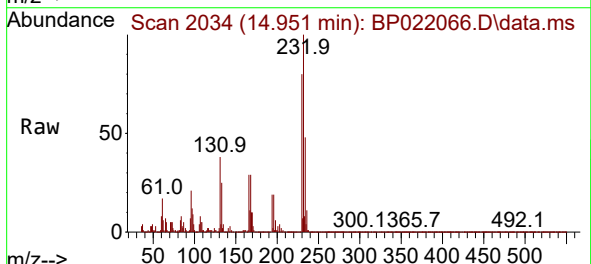
Instrument :
BNA_P
ClientSampleId :
SLCS537

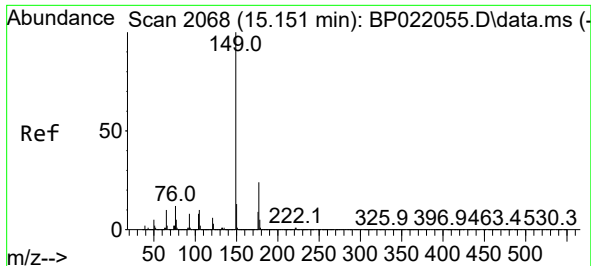
Tgt Ion:165 Resp: 266859
Ion Ratio Lower Upper
165 100
63 45.6 38.6 57.8
182 2.8 2.6 4.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 30.444 ng/ul
RT: 14.951 min Scan# 2034
Delta R.T. -0.012 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion:232 Resp: 265397
Ion Ratio Lower Upper
232 100
131 38.4 28.2 42.2
130 2.2 1.8 2.6
166 28.6 21.8 32.6

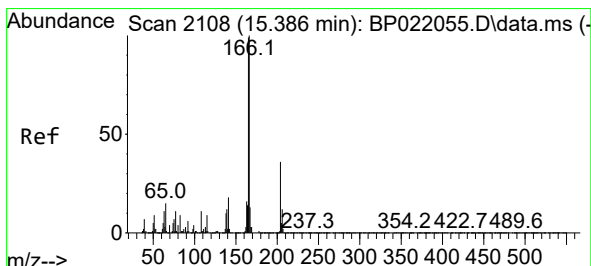
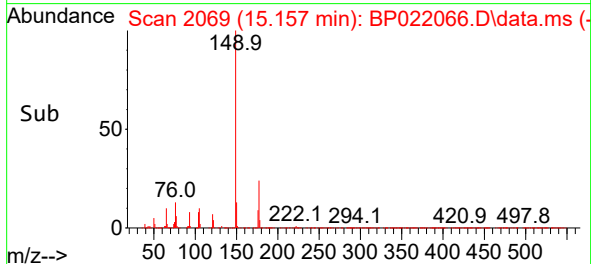
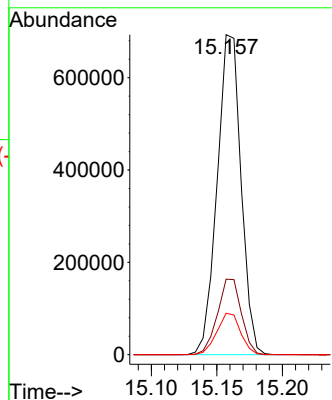
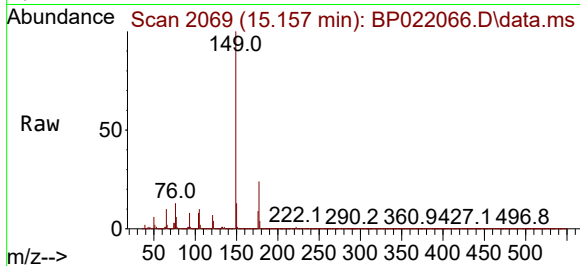




#59
Diethylphthalate
Concen: 30.270 ng/ul
RT: 15.157 min Scan# 2069
Delta R.T. -0.012 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

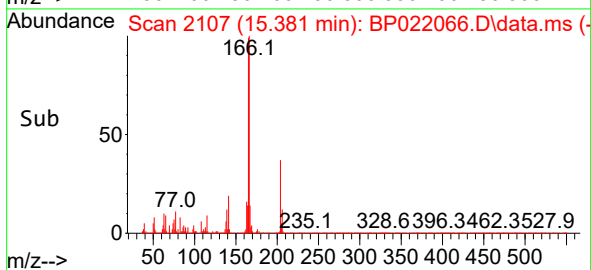
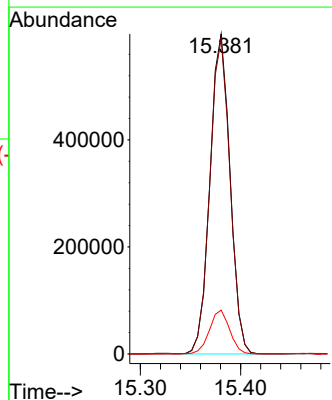
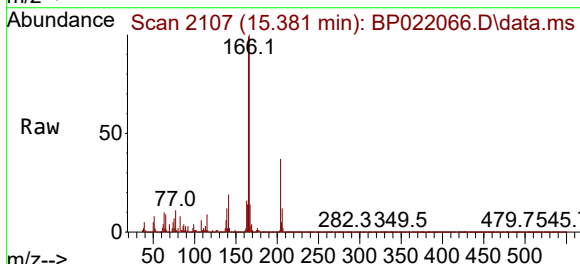
Instrument :
BNA_P
ClientSampleId :
SLCS537

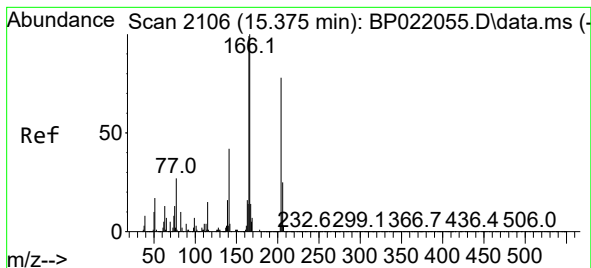
Tgt Ion:149 Resp: 877621
Ion Ratio Lower Upper
149 100
177 23.6 18.6 27.8
150 12.9 9.8 14.6



#61
Fluorene
Concen: 28.824 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion:166 Resp: 833907
Ion Ratio Lower Upper
166 100
165 98.5 77.9 116.9
167 13.7 10.5 15.7

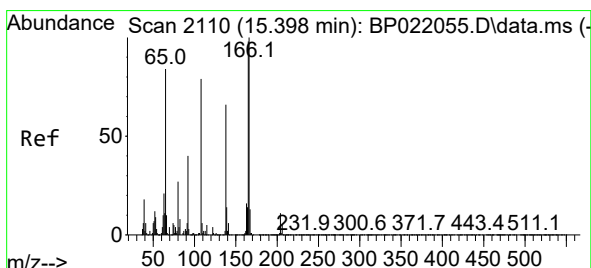
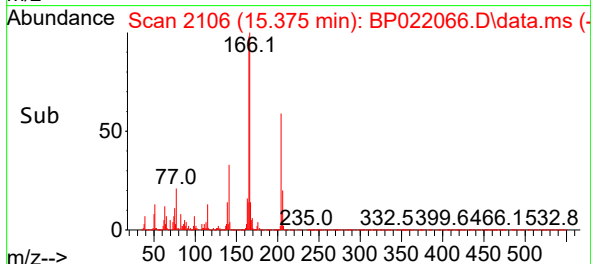
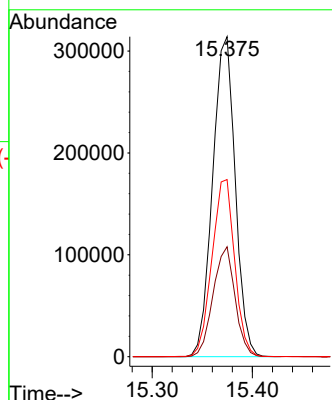
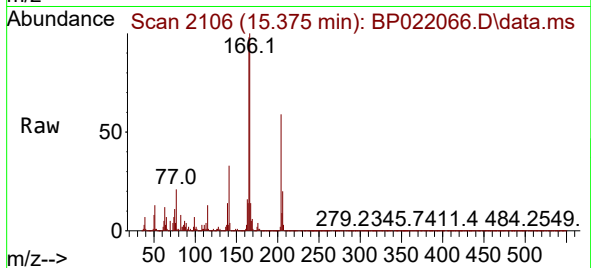




#62
4-Chlorophenyl-phenylether
Concen: 29.550 ng/ul
RT: 15.375 min Scan# 2106
Delta R.T. -0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

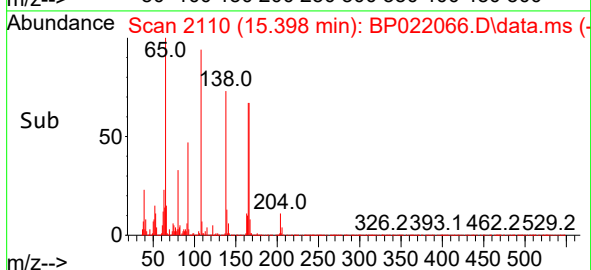
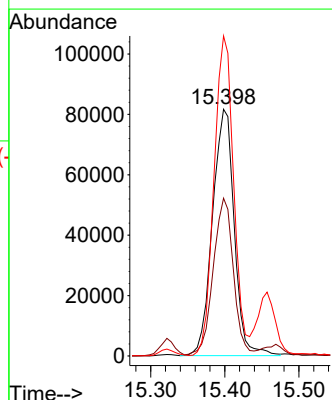
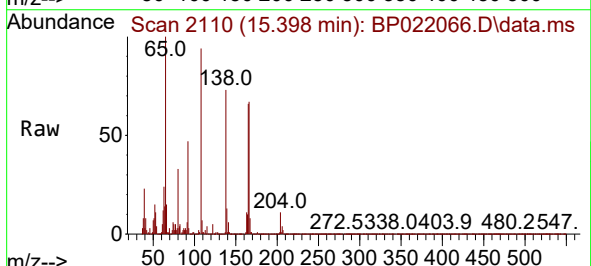
Instrument :
BNA_P
ClientSampleId :
SLCS537

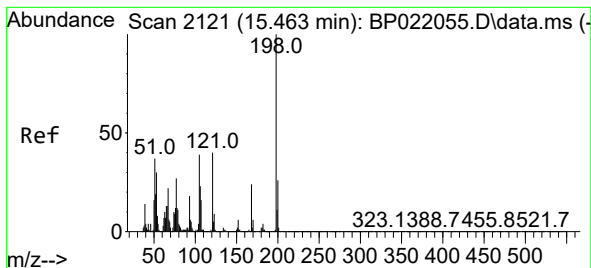
Tgt Ion:204 Resp: 492197
Ion Ratio Lower Upper
204 100
206 34.3 26.7 40.1
141 55.3 42.6 64.0



#63
4-Nitroaniline
Concen: 31.991 ng/ul
RT: 15.398 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion:138 Resp: 166486
Ion Ratio Lower Upper
138 100
92 63.9 48.4 72.6
108 129.7 95.7 143.5

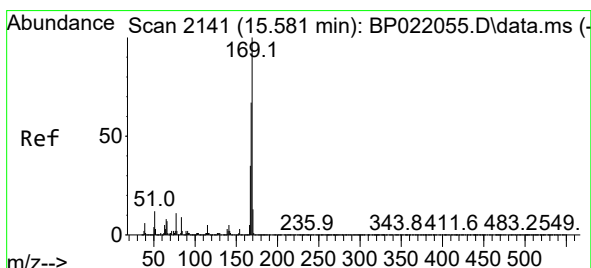
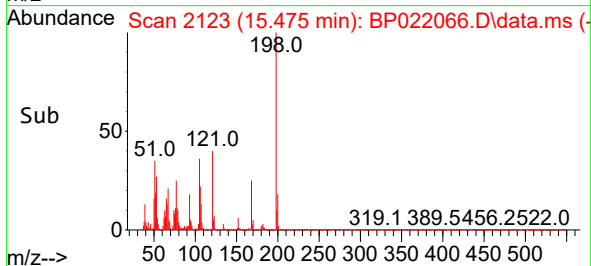
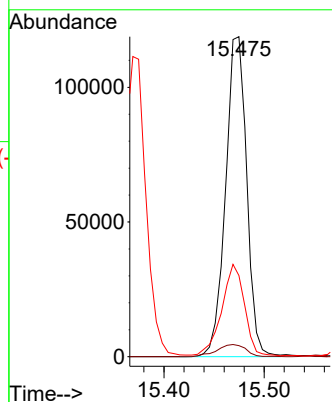
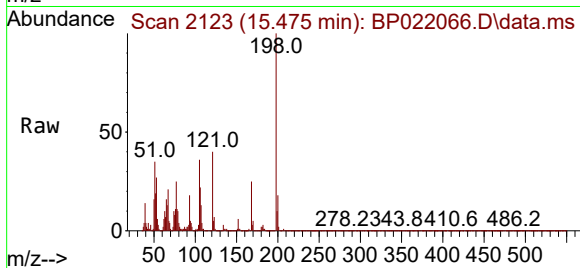




#66
4,6-Dinitro-2-methylphenol
Concen: 26.395 ng/ul
RT: 15.475 min Scan# 2121
Delta R.T. 0.012 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

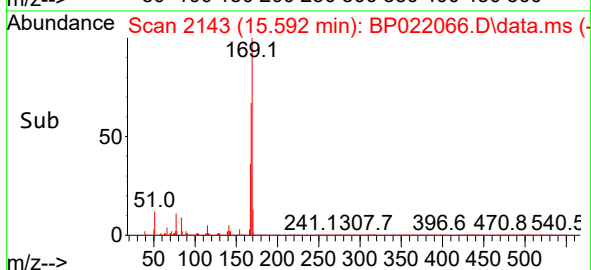
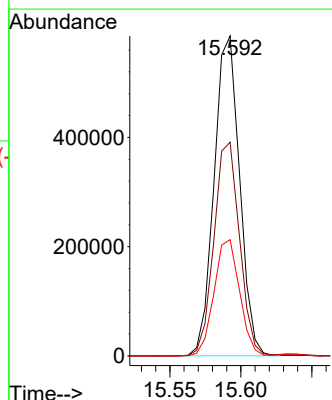
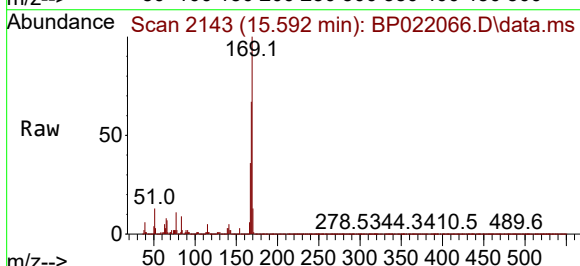
Instrument :
BNA_P
ClientSampleId :
SLCS537

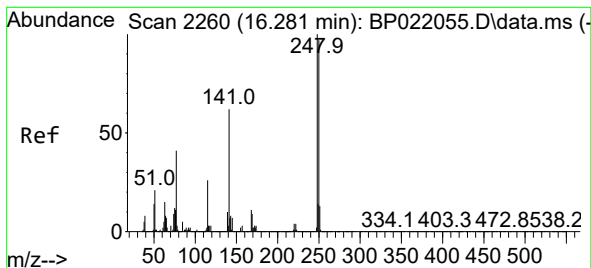
Tgt Ion:198 Resp: 173953
Ion Ratio Lower Upper
198 100
182 3.5 3.4 5.2
77 25.4 19.8 29.8



#67
N-Nitrosodiphenylamine
Concen: 28.446 ng/ul
RT: 15.592 min Scan# 2143
Delta R.T. -0.012 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion:169 Resp: 730515
Ion Ratio Lower Upper
169 100
168 66.8 54.1 81.1
167 36.4 28.7 43.1

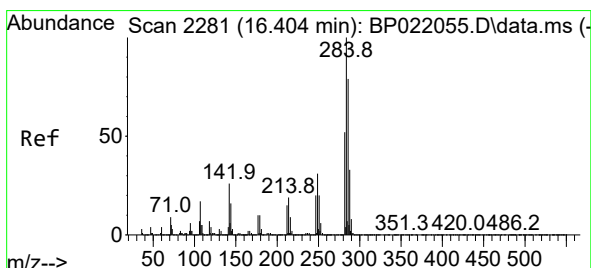
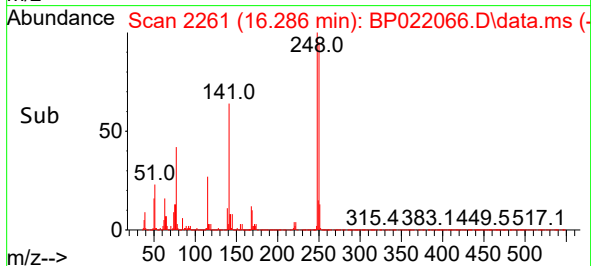
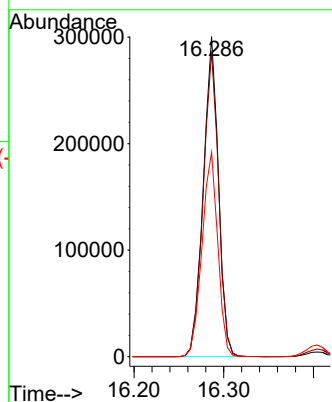
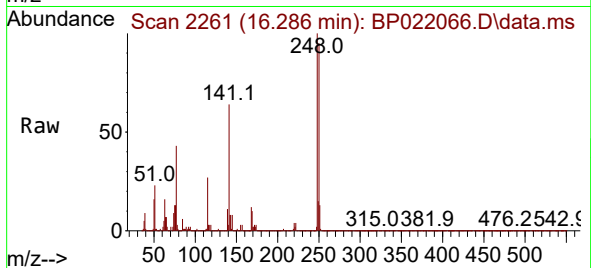




#68
4-Bromophenyl-phenylether
Concen: 30.103 ng/ul
RT: 16.286 min Scan# 21
Delta R.T. -0.012 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

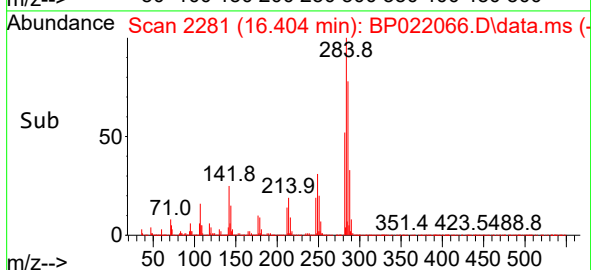
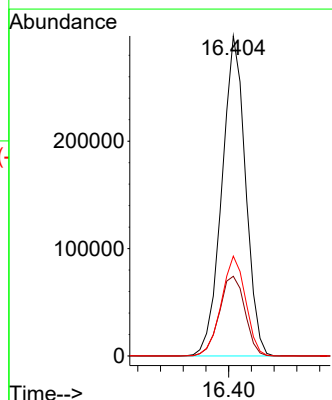
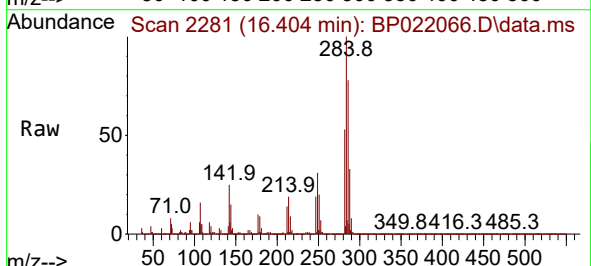
Instrument :
BNA_P
ClientSampleId :
SLCS537

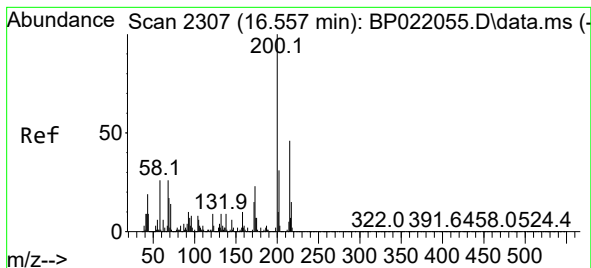
Tgt Ion:248 Resp: 352473
Ion Ratio Lower Upper
248 100
250 95.3 78.4 117.6
141 64.0 51.4 77.0



#69
Hexachlorobenzene
Concen: 30.308 ng/ul
RT: 16.404 min Scan# 2281
Delta R.T. 0.000 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion:284 Resp: 430895
Ion Ratio Lower Upper
284 100
142 24.9 23.4 35.0
249 31.2 25.4 38.0





#70

Atrazine

Concen: 26.938 ng/ul

RT: 16.569 min Scan# 21

Delta R.T. -0.012 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

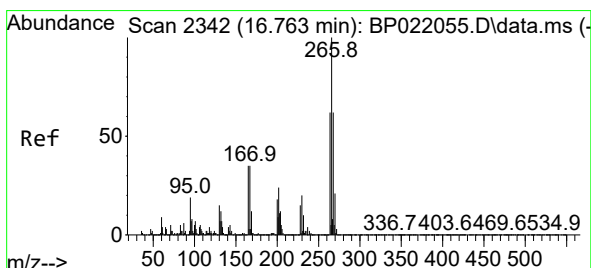
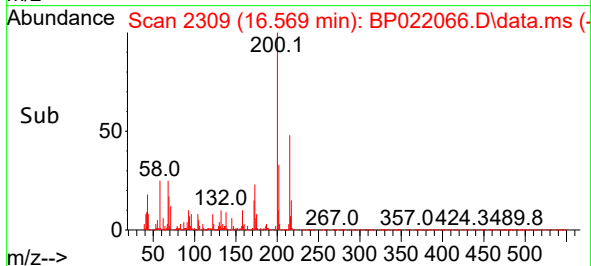
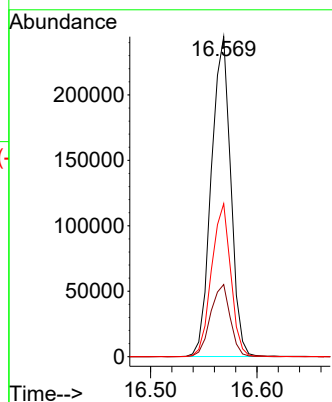
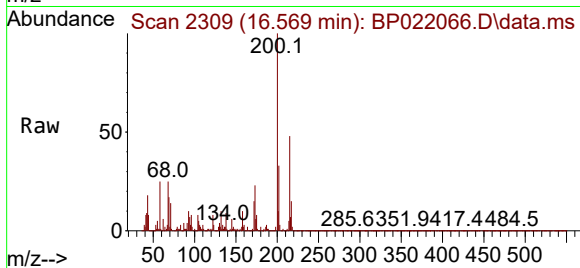
Tgt Ion:200 Resp: 308596

Ion Ratio Lower Upper

200 100

173 22.5 19.0 28.6

215 47.8 38.2 57.2



#71

Pentachlorophenol

Concen: 25.441 ng/ul

RT: 16.757 min Scan# 2341

Delta R.T. 0.000 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

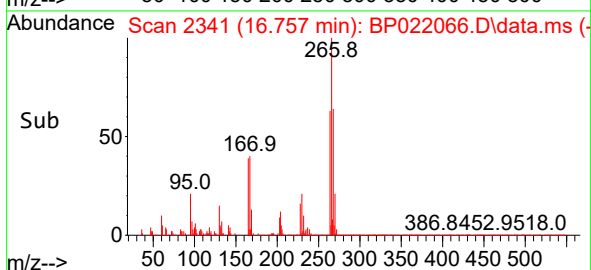
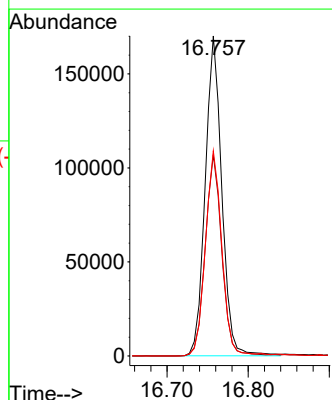
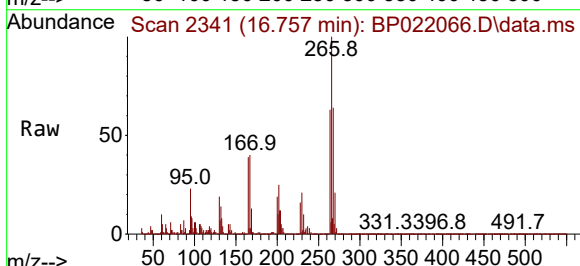
Tgt Ion:266 Resp: 241323

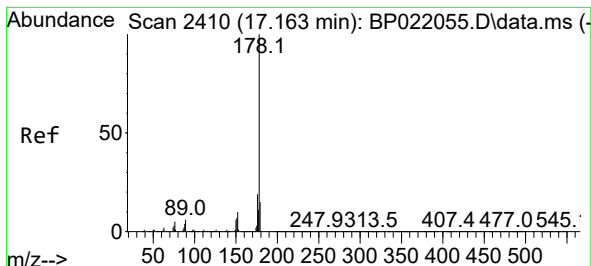
Ion Ratio Lower Upper

266 100

264 62.8 50.2 75.4

268 64.1 51.4 77.0





#72

Phenanthrene

Concen: 28.637 ng/ul

RT: 17.157 min Scan# 2410

Delta R.T. 0.000 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

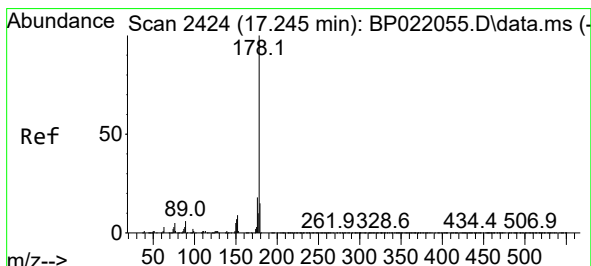
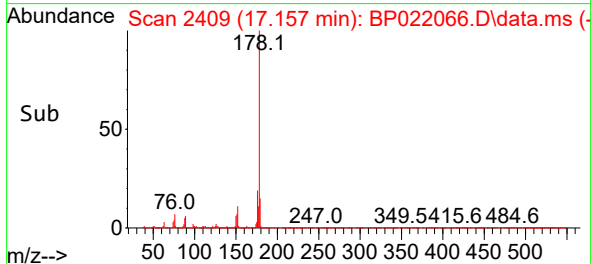
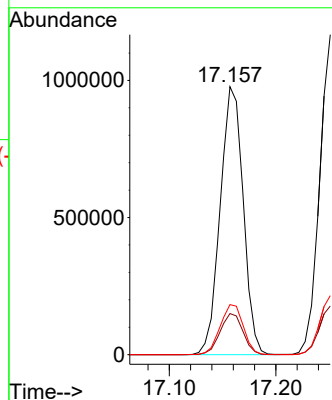
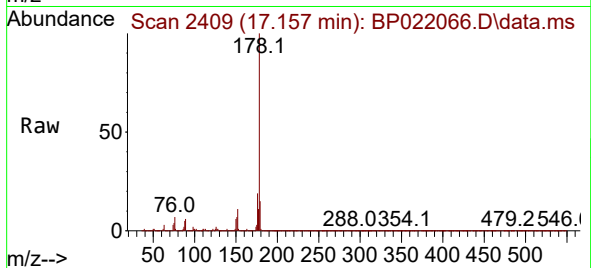
Tgt Ion:178 Resp: 1464011

Ion Ratio Lower Upper

178 100

179 15.3 12.4 18.6

176 18.7 15.0 22.6



#74

Anthracene

Concen: 28.020 ng/ul

RT: 17.251 min Scan# 2425

Delta R.T. -0.006 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

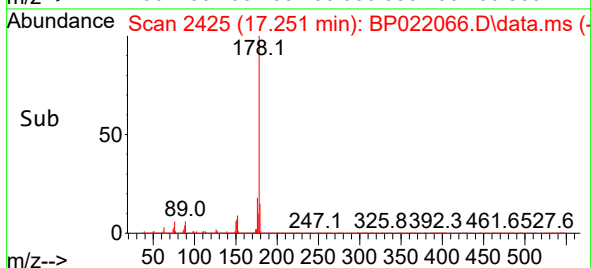
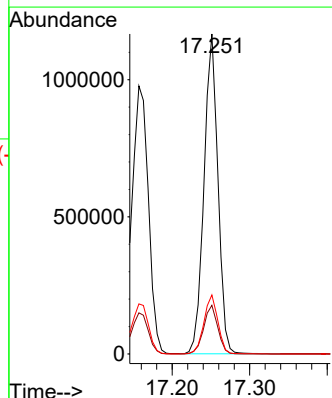
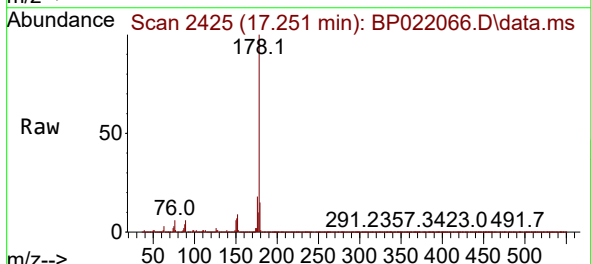
Tgt Ion:178 Resp: 1457719

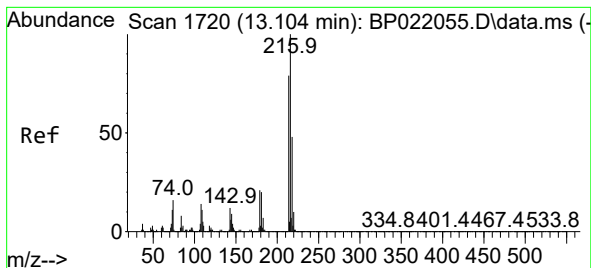
Ion Ratio Lower Upper

178 100

179 15.2 12.3 18.5

176 18.5 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 26.582 ng/uL

RT: 13.110 min Scan# 1721

Delta R.T. -0.006 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

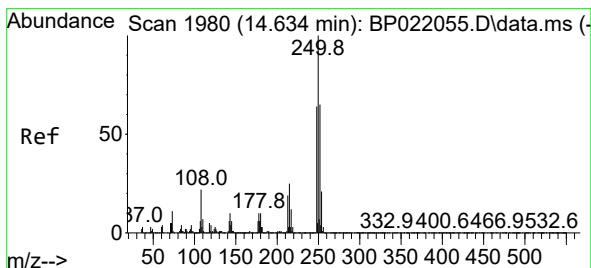
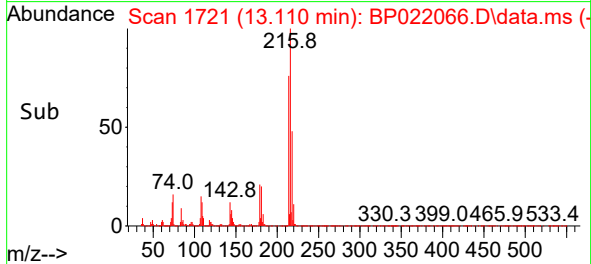
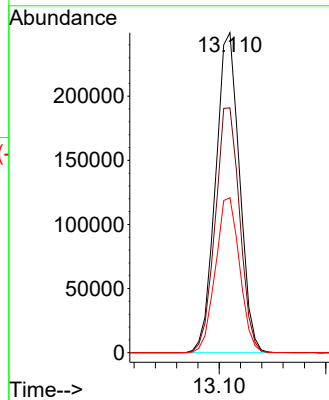
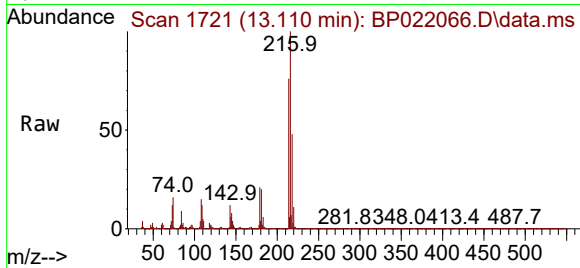
Tgt Ion:216 Resp: 388928

Ion Ratio Lower Upper

216 100

214 76.5 60.6 90.8

218 48.5 38.1 57.1



#76

Pentachlorobenzene

Concen: 27.716 ng/uL

RT: 14.634 min Scan# 1980

Delta R.T. -0.012 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

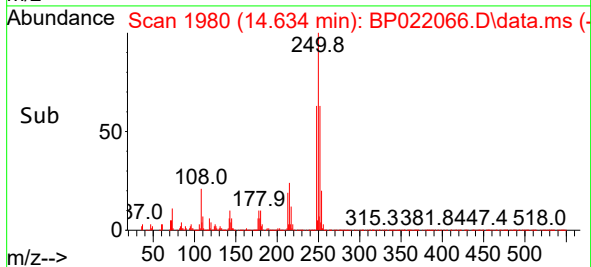
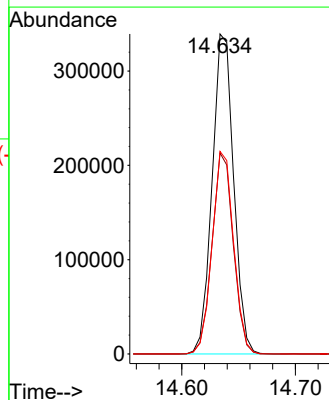
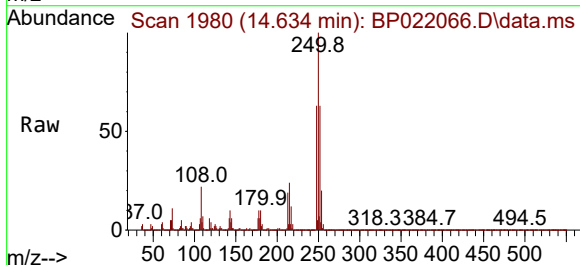
Tgt Ion:250 Resp: 445949

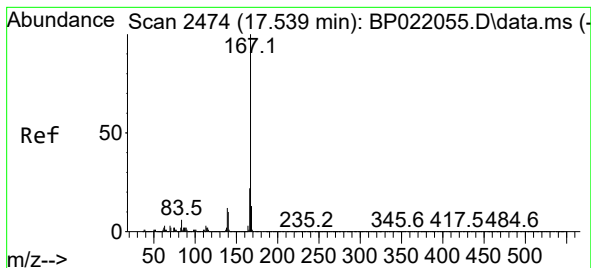
Ion Ratio Lower Upper

250 100

248 62.8 50.3 75.5

252 63.3 50.1 75.1





#77

Carbazole

Concen: 28.224 ng/ul

RT: 17.533 min Scan# 2474

Delta R.T. 0.012 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

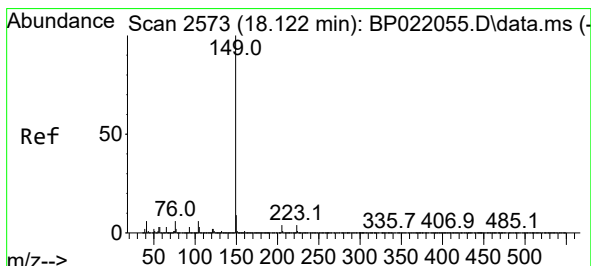
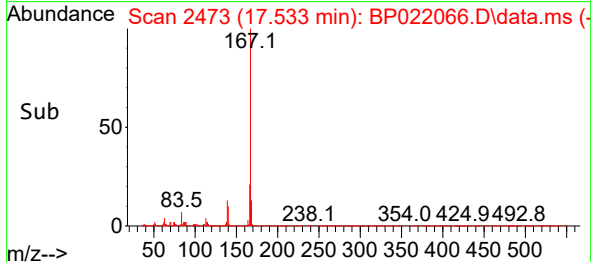
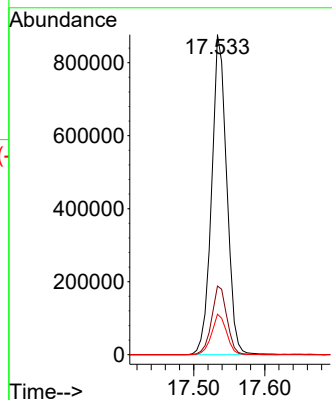
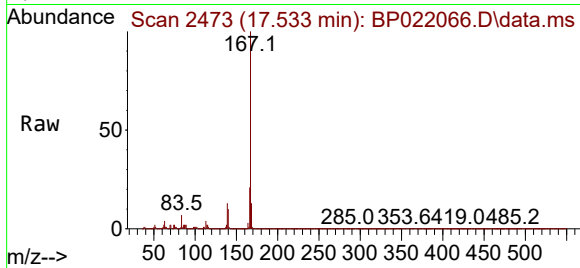
Tgt Ion:167 Resp: 1294122

Ion Ratio Lower Upper

167 100

166 21.4 17.0 25.6

139 12.6 9.9 14.9



#78

Di-n-butylphthalate

Concen: 30.586 ng/ul

RT: 18.128 min Scan# 2574

Delta R.T. 0.006 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

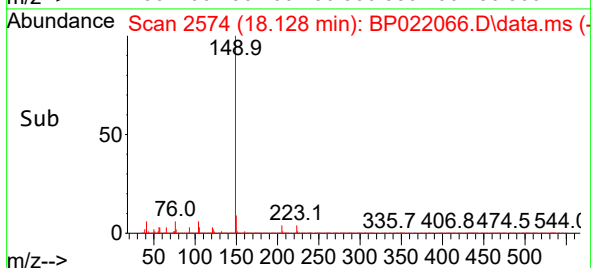
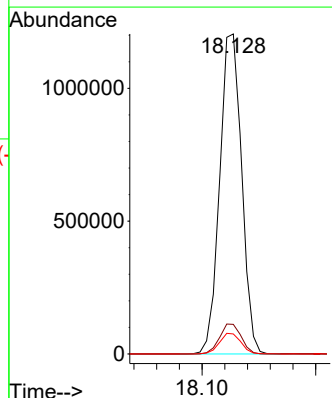
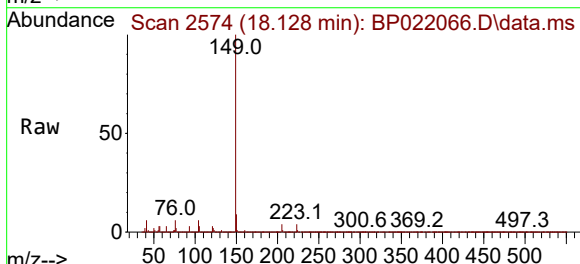
Tgt Ion:149 Resp: 1616859

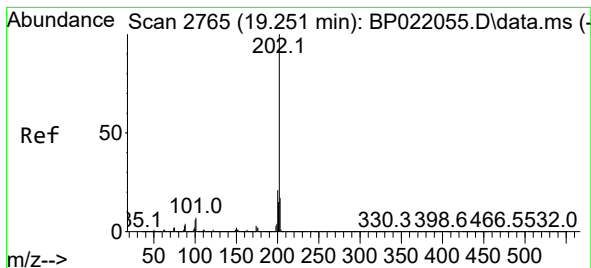
Ion Ratio Lower Upper

149 100

150 9.2 7.2 10.8

104 6.3 5.0 7.6





#80

Fluoranthene

Concen: 29.573 ng/ul

RT: 19.239 min Scan# 21

Delta R.T. 0.000 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

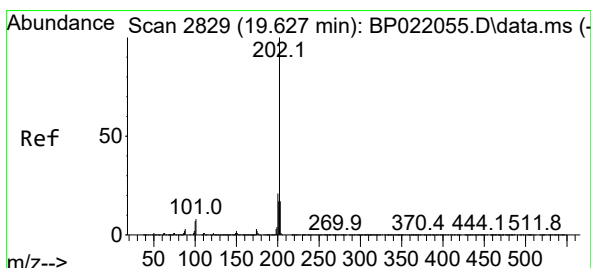
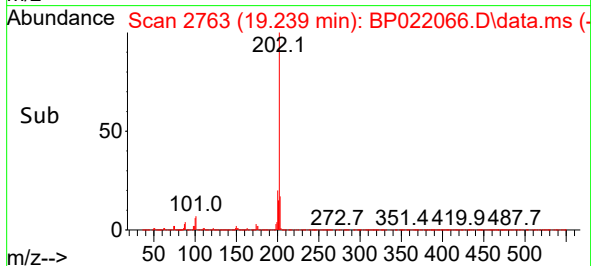
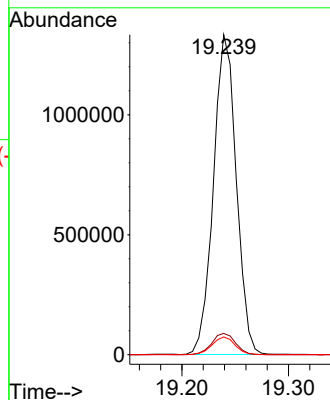
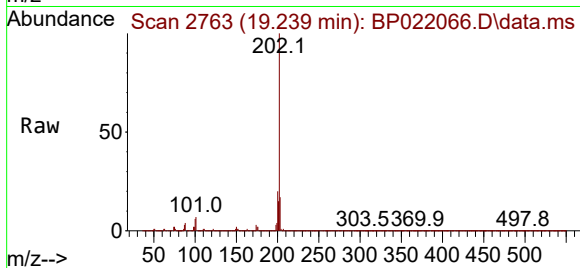
Tgt Ion:202 Resp: 1985943

Ion Ratio Lower Upper

202 100

101 6.7 5.8 8.6

100 5.6 4.6 7.0



#82

Pyrene

Concen: 29.046 ng/ul

RT: 19.616 min Scan# 2827

Delta R.T. 0.000 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

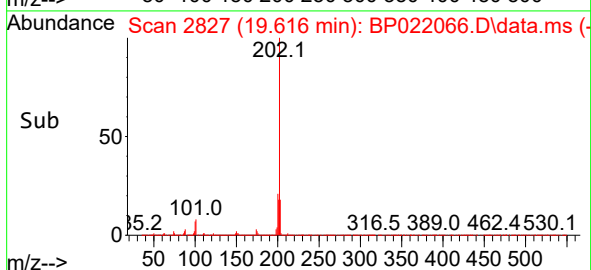
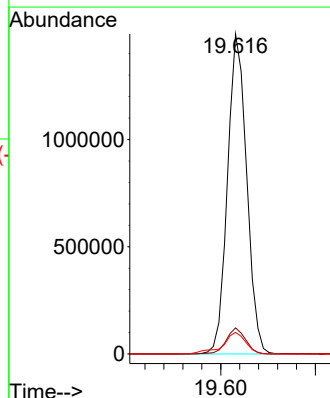
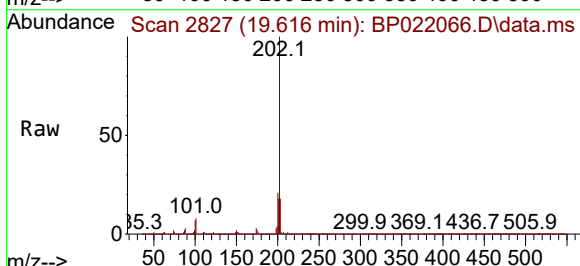
Tgt Ion:202 Resp: 2099596

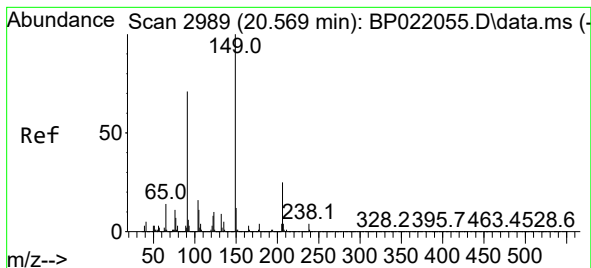
Ion Ratio Lower Upper

202 100

101 8.2 7.4 11.0

100 6.8 6.2 9.2





#83

Butylbenzylphthalate

Concen: 31.114 ng/ul

RT: 20.569 min Scan# 2989

Delta R.T. 0.000 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

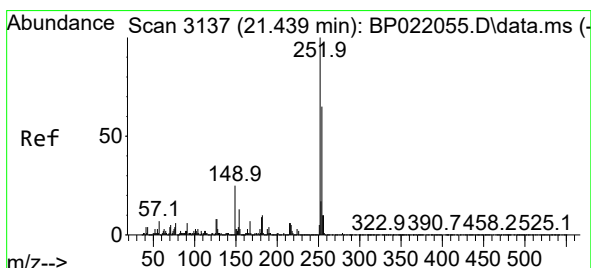
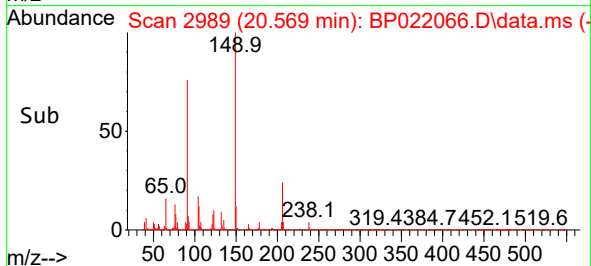
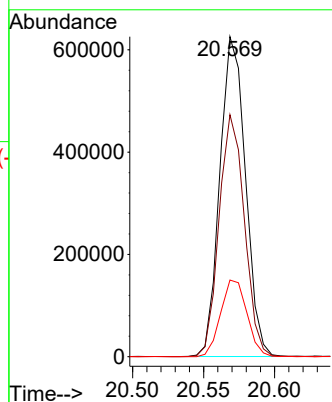
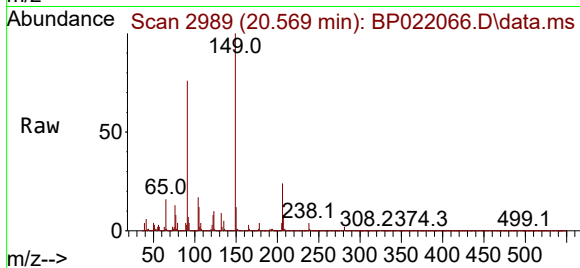
Tgt Ion:149 Resp: 783831

Ion Ratio Lower Upper

149 100

91 75.6 60.2 90.2

206 24.0 19.8 29.6



#84

3,3'-Dichlorobenzidine

Concen: 28.020 ng/ul

RT: 21.445 min Scan# 3138

Delta R.T. 0.000 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

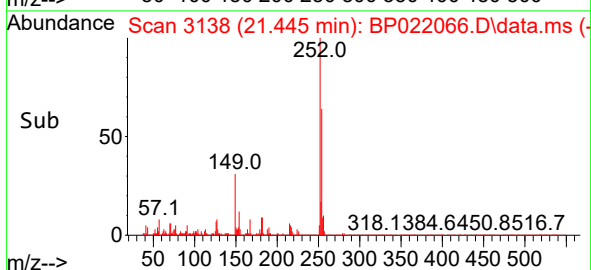
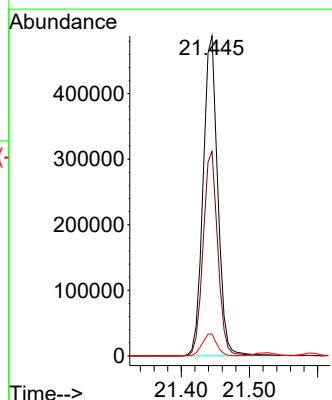
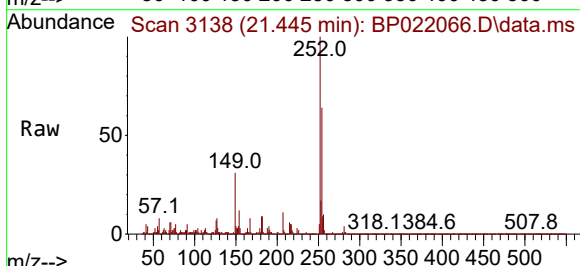
Tgt Ion:252 Resp: 727587

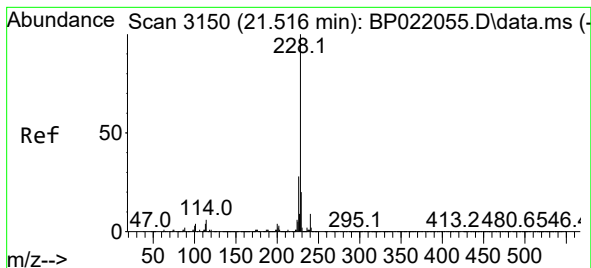
Ion Ratio Lower Upper

252 100

254 63.9 51.2 76.8

126 6.9 5.8 8.8





#85

Benzo(a)anthracene

Concen: 29.320 ng/ul

RT: 21.521 min Scan# 3151

Delta R.T. -0.006 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

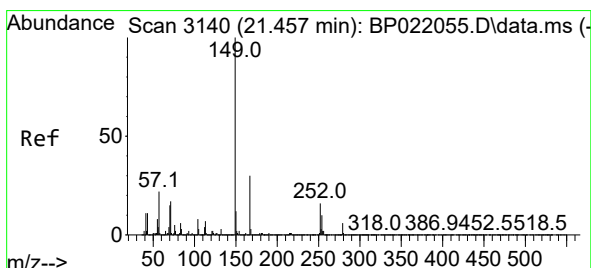
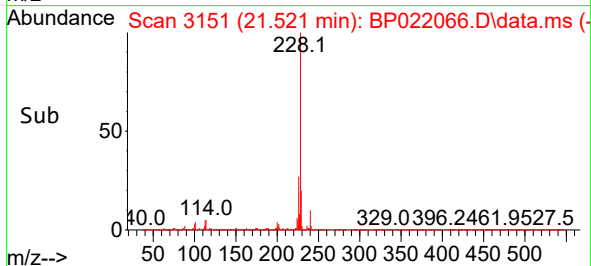
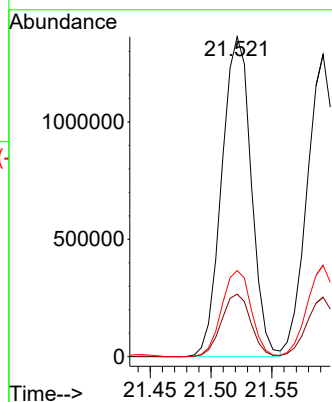
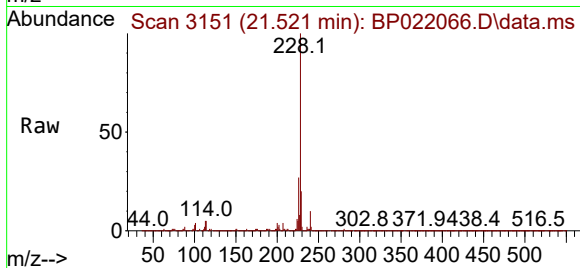
Tgt Ion:228 Resp: 2291490

Ion Ratio Lower Upper

228 100

229 19.5 15.7 23.5

226 26.9 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 31.220 ng/ul

RT: 21.463 min Scan# 3141

Delta R.T. 0.000 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

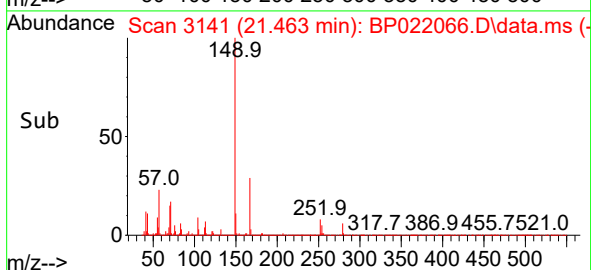
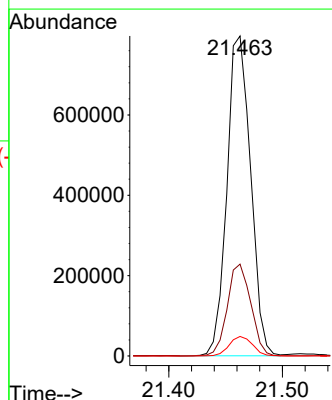
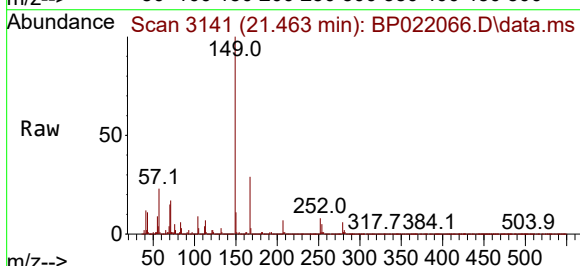
Tgt Ion:149 Resp: 1153930

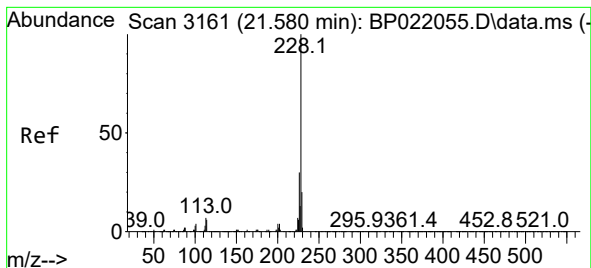
Ion Ratio Lower Upper

149 100

167 28.7 23.0 34.4

279 6.1 4.5 6.7





#87

Chrysene

Concen: 28.487 ng/ul

RT: 21.592 min Scan# 3161

Delta R.T. 0.006 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

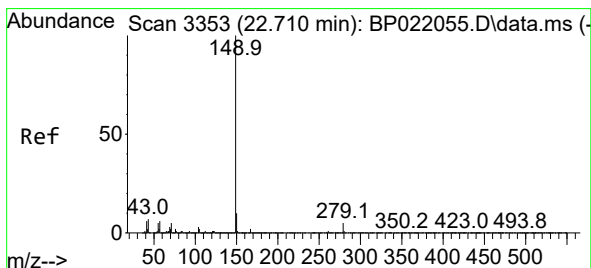
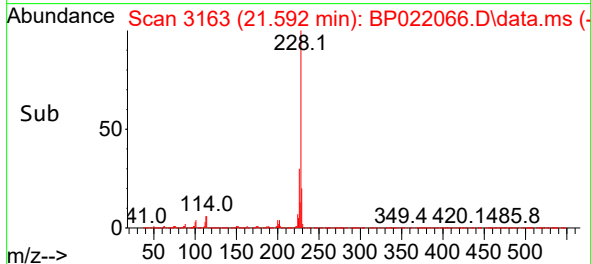
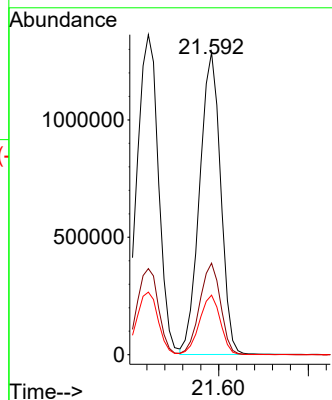
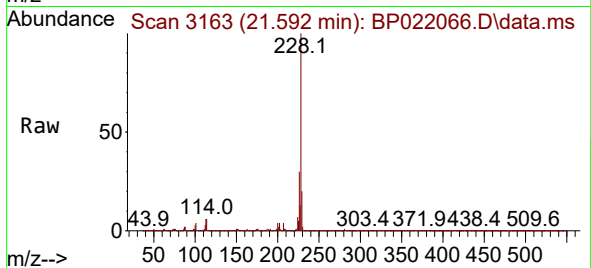
Tgt Ion:228 Resp: 2089487

Ion Ratio Lower Upper

228 100

226 30.3 23.6 35.4

229 19.7 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 29.835 ng/ul

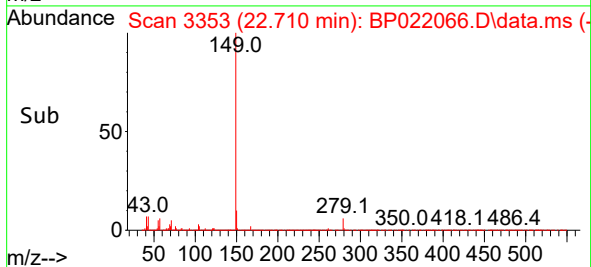
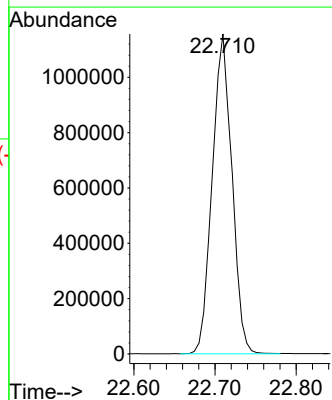
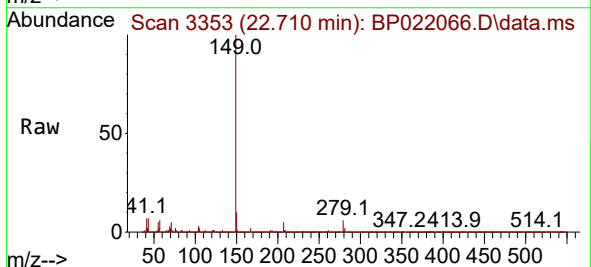
RT: 22.710 min Scan# 3353

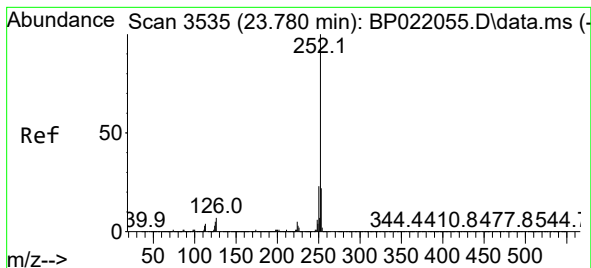
Delta R.T. -0.006 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Tgt Ion:149 Resp: 1946095





#90

Benzo(b)fluoranthene

Concen: 29.259 ng/ul

RT: 23.786 min Scan# 3535

Delta R.T. 0.000 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

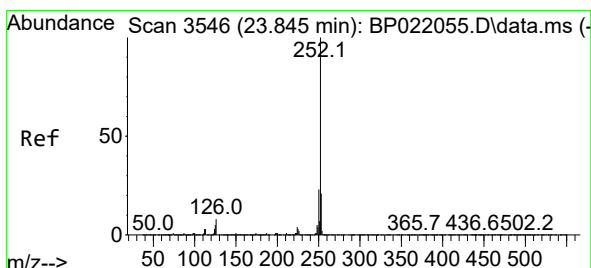
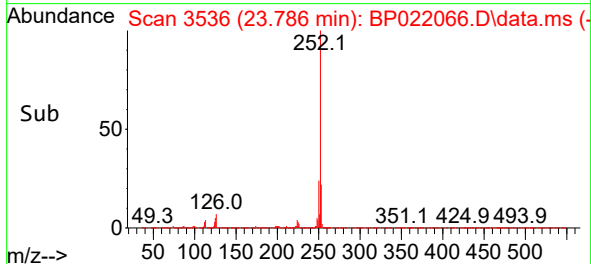
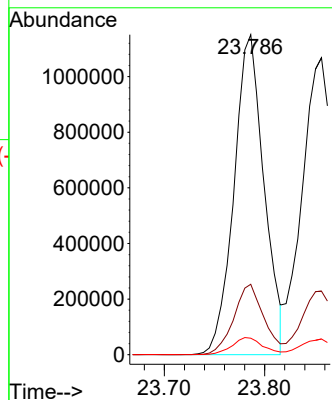
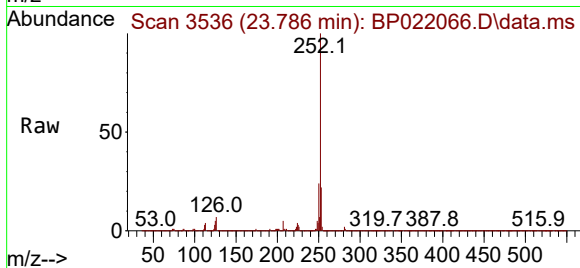
Tgt Ion:252 Resp: 2398258

Ion Ratio Lower Upper

252 100

253 22.0 17.8 26.6

125 5.1 4.8 7.2



#91

Benzo(k)fluoranthene

Concen: 29.382 ng/ul

RT: 23.857 min Scan# 3548

Delta R.T. 0.006 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

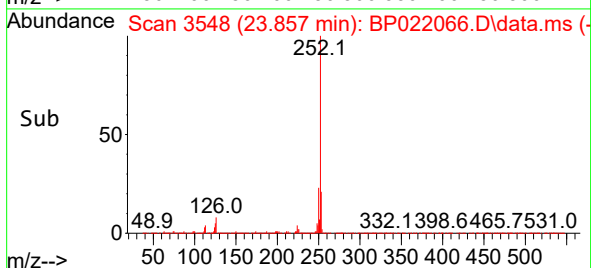
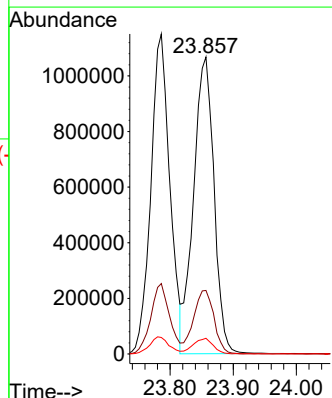
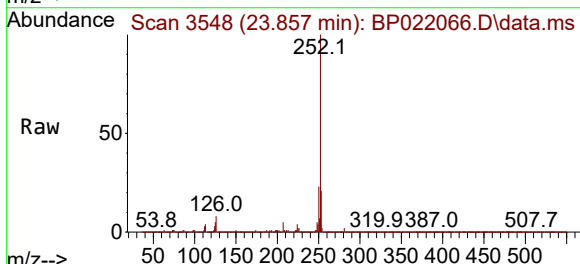
Tgt Ion:252 Resp: 2400329

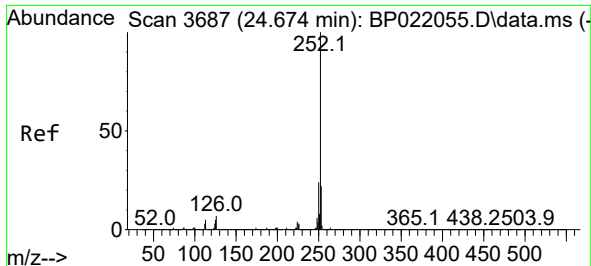
Ion Ratio Lower Upper

252 100

253 21.4 17.4 26.2

125 5.3 5.0 7.6

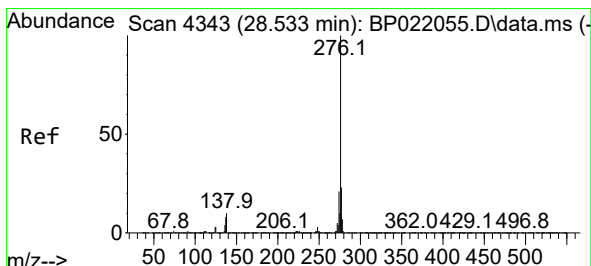
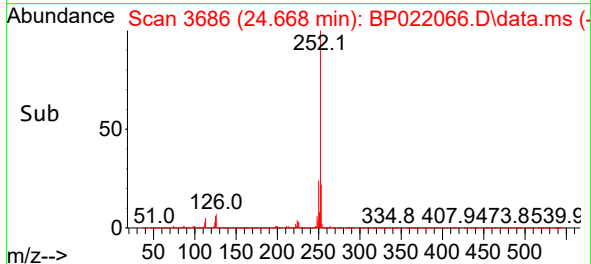
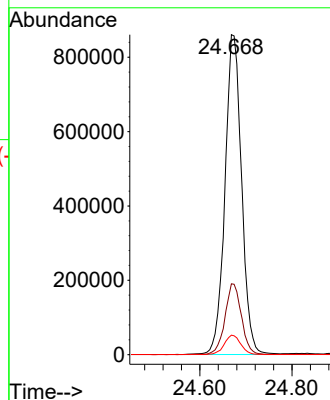
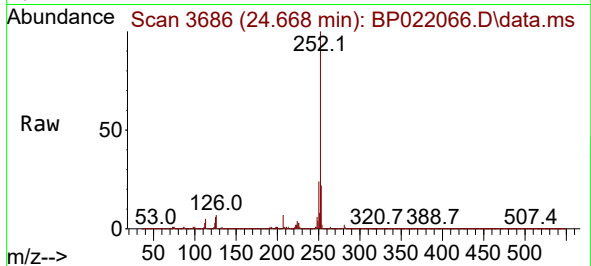




#93
Benzo(a)pyrene
Concen: 28.440 ng/ul
RT: 24.668 min Scan# 30
Delta R.T. -0.006 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

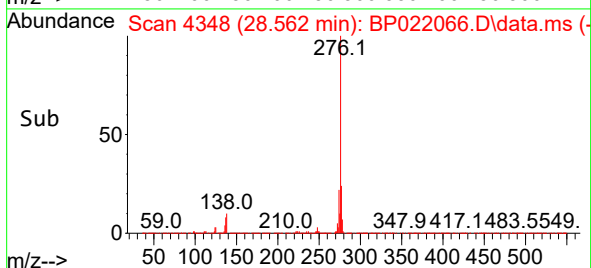
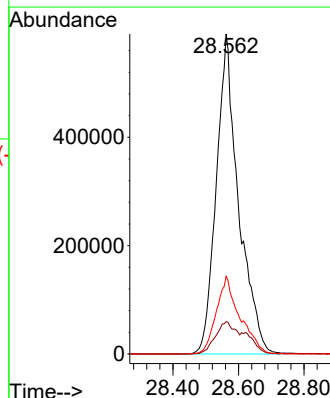
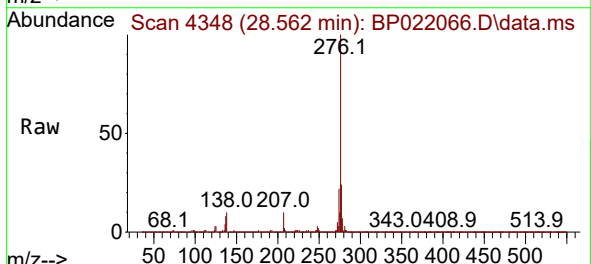
Instrument :
BNA_P
ClientSampleId :
SLCS537

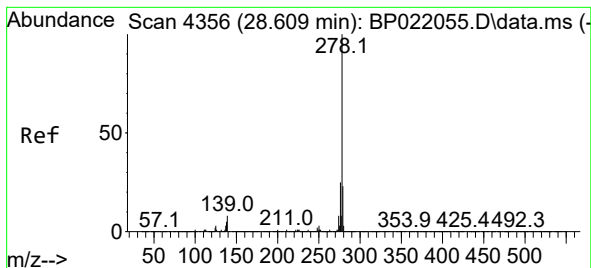
Tgt Ion:252 Resp: 2148001
Ion Ratio Lower Upper
252 100
253 22.2 17.5 26.3
125 6.1 4.8 7.2



#94
Indeno(1,2,3-cd)pyrene
Concen: 28.194 ng/ul
RT: 28.562 min Scan# 4348
Delta R.T. 0.012 min
Lab File: BP022066.D
Acq: 26 Sep 2024 17:13

Tgt Ion:276 Resp: 2776488
Ion Ratio Lower Upper
276 100
138 10.1 9.2 13.8
277 24.3 19.4 29.0





#95

Dibenzo(a,h)anthracene

Concen: 28.147 ng/ul

RT: 28.621 min Scan# 41

Delta R.T. 0.000 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Instrument :

BNA_P

ClientSampleId :

SLCS537

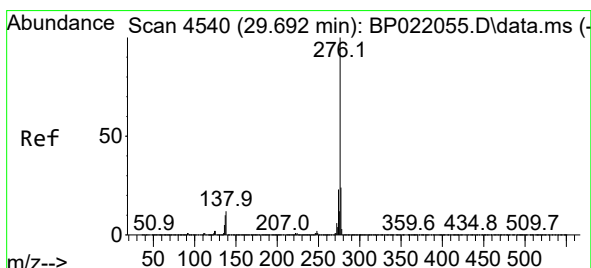
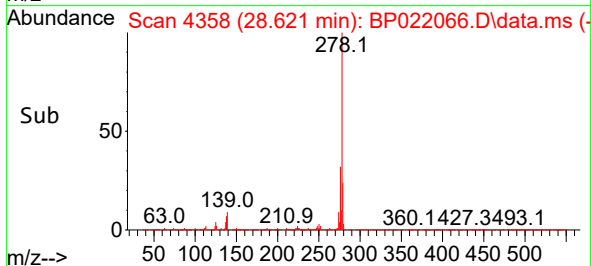
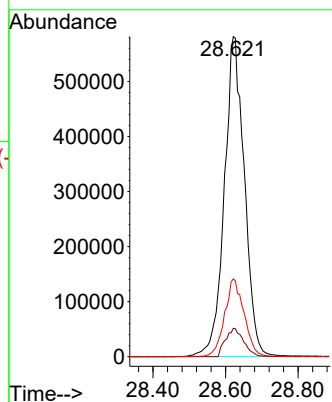
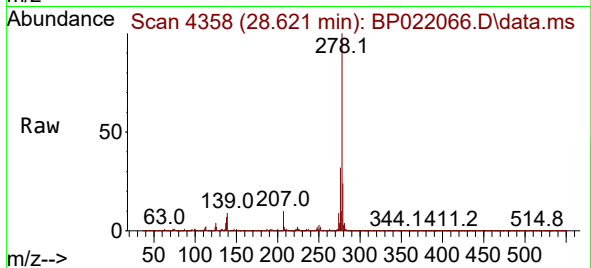
Tgt Ion:278 Resp: 2232973

Ion Ratio Lower Upper

278 100

139 8.9 8.0 12.0

279 24.3 18.6 27.8



#96

Benzo(g,h,i)perylene

Concen: 14.794 ng/ul

RT: 29.698 min Scan# 4541

Delta R.T. -0.006 min

Lab File: BP022066.D

Acq: 26 Sep 2024 17:13

Tgt Ion:276 Resp: 1130497

Ion Ratio Lower Upper

276 100

138 11.2 9.0 13.6

277 24.2 19.1 28.7

