

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP083024\
 Data File : BP021754.D
 Acq On : 30 Aug 2024 15:34
 Operator : RC/JU
 Sample : PB163042BS
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS042

Quant Time: Aug 30 16:12:56 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Thu Aug 29 23:56:59 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.781	152	361084	20.000	ng/u1	0.00
20) Naphthalene-d8	10.569	136	1465184	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.428	164	948843	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.233	188	2014304	20.000	ng/u1	0.00
79) Chrysene-d12	21.692	240	1965267	20.000	ng/u1	0.02
88) Perylene-d12	25.110	264	2219629	20.000	ng/u1	0.05
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.269	96	55778	5.128	ng/uL	0.00
4) Pyridine-d5	3.687	84	696788	22.149	ng/u1	0.00
7) Phenol-d5	6.958	99	929990	24.134	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.116	67	500875	23.884	ng/u1	0.00
11) 2-Chlorophenol-d4	7.322	132	606699	24.386	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	702788	23.601	ng/u1	0.00
21) Nitrobenzene-d5	8.928	128	307040	26.047	ng/u1	0.00
24) 2-Nitrophenol-d4	9.652	143	330557	27.626	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.193	165	604698	25.645	ng/u1	0.00
31) 4-Chloroaniline-d4	10.704	131	743975	21.687	ng/u1	0.00
46) Dimethylphthalate-d6	13.828	166	1831594	25.228	ng/u1	-0.01
49) Acenaphthylene-d8	14.116	160	2054958	25.210	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	352550	25.523	ng/u1	0.01
60) Fluorene-d10	15.434	176	1553921	25.458	ng/u1	-0.01
65) 4,6-Dinitro-2-methylph...	15.557	200	294082	26.545	ng/u1	0.00
73) Anthracene-d10	17.333	188	2364071	24.730	ng/u1	0.00
81) Pyrene-d10	19.710	212	2972942	26.463	ng/u1	0.02
92) Benzo(a)pyrene-d12	24.880	264	3016987	25.490	ng/u1	0.04
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.305	88	99572	8.614	ng/uL	96
5) Pyridine	3.705	79	693744	22.069	ng/u1	99
6) Benzaldehyde	6.928	77	410241	20.814	ng/u1	100
8) Phenol	6.987	94	948563	23.607	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.205	93	749447	23.996	ng/u1	99
12) 2-Chlorophenol	7.358	128	644828	24.695	ng/u1	99
13) 2-Methylphenol	8.228	108	683884	23.593	ng/u1	100
14) 2,2'-oxybis(1-Chloropr...	8.310	45	718380	23.830	ng/u1	99
16) Acetophenone	8.599	105	1129833	23.667	ng/u1	100
17) N-Nitroso-di-n-propyla...	8.587	70	522705	23.202	ng/u1	98
18) 4-Methylphenol	8.557	108	747329	23.550	ng/u1	98
19) Hexachloroethane	8.863	117	291113	24.933	ng/u1	97
22) Nitrobenzene	8.975	77	811784	24.697	ng/u1	98
23) Isophorone	9.504	82	1594496	24.174	ng/u1	100
25) 2-Nitrophenol	9.681	139	357180	26.942	ng/u1	95
26) 2,4-Dimethylphenol	9.752	107	650922	20.005	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.981	93	1011681	24.457	ng/u1	99
29) 2,4-Dichlorophenol	10.222	162	588130	24.822	ng/u1	98
30) Naphthalene	10.622	128	2018597	24.445	ng/u1	100
32) 4-Chloroaniline	10.728	127	691390	19.963	ng/u1	98
33) Hexachlorobutadiene	10.910	225	384855	24.208	ng/u1	99
34) Caprolactam	11.504	113	236629	23.617	ng/u1	95
35) 4-Chloro-3-methylphenol	11.863	107	799926	25.507	ng/u1	99
36) 2-Methylnaphthalene	12.234	142	1363175	24.406	ng/u1	98

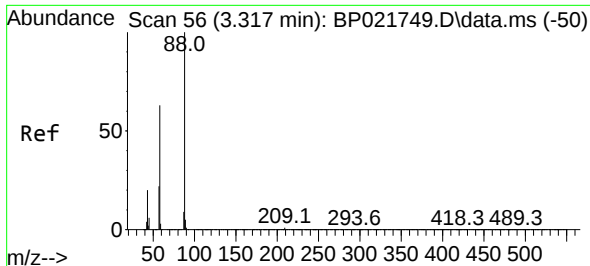
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.451	142	1343023	23.906	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.604	216	735671	24.600	ng/ul	99
40) Hexachlorocyclopentadiene	12.587	237	335466	19.549	ng/ul	100
41) 2,4,6-Trichlorophenol	12.845	196	431176	22.393	ng/ul	100
42) 2,4,5-Trichlorophenol	12.922	196	494050	23.763	ng/ul	98
43) 1,1'-Biphenyl	13.251	154	1776187	24.742	ng/ul	98
44) 2-Chloronaphthalene	13.292	162	1394867	24.782	ng/ul	100
45) 2-Nitroaniline	13.492	65	474350	26.901	ng/ul	97
47) Dimethylphthalate	13.875	163	1832980	25.213	ng/ul	99
48) 2,6-Dinitrotoluene	13.992	165	371530	27.711	ng/ul	99
50) Acenaphthylene	14.145	152	2262230	25.805	ng/ul	99
51) 3-Nitroaniline	14.322	138	390692	26.666	ng/ul	99
52) Acenaphthene	14.492	153	1502465	24.370	ng/ul	100
53) 2,4-Dinitrophenol	14.539	184	197475	24.602	ng/ul	97
55) 4-Nitrophenol	14.651	109	325364	25.726	ng/ul	96
56) Dibenzofuran	14.834	168	2101595	24.640	ng/ul	100
57) 2,4-Dinitrotoluene	14.792	165	559817	27.786	ng/ul	94
58) 2,3,4,6-Tetrachlorophenol	15.063	232	363187	20.275	ng/ul	97
59) Diethylphthalate	15.263	149	1856409	25.429	ng/ul	99
61) Fluorene	15.486	166	1714475	24.852	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.486	204	860625	24.827	ng/ul	99
63) 4-Nitroaniline	15.504	138	420093	29.668	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.575	198	320132	25.832	ng/ul	98
67) N-Nitrosodiphenylamine	15.704	169	1488911	25.127	ng/ul	98
68) 4-Bromophenyl-phenylether	16.404	248	562701	25.305	ng/ul	98
69) Hexachlorobenzene	16.528	284	658105	24.929	ng/ul	99
70) Atrazine	16.681	200	21154	0.941	ng/ul	98
71) Pentachlorophenol	16.875	266	307961	18.228	ng/ul	99
72) Phenanthrene	17.275	178	2807292	25.386	ng/ul	98
74) Anthracene	17.375	178	2775916	24.778	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.216	216	738437	24.658	ng/ul	96
76) Pentachlorobenzene	14.751	250	735338	23.690	ng/ul	99
77) Carbazole	17.651	167	2625468	26.056	ng/ul	100
78) Di-n-butylphthalate	18.245	149	3348512	27.301	ng/ul	100
80) Fluoranthene	19.363	202	3475086	26.508	ng/ul	100
82) Pyrene	19.739	202	3601714	25.940	ng/ul	99
83) Butylbenzylphthalate	20.692	149	1624490	28.576	ng/ul	95
84) 3,3'-Dichlorobenzidine	21.592	252	1229526	24.826	ng/ul	99
85) Benzo(a)anthracene	21.674	228	3618117	25.881	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.621	149	2380089	28.366	ng/ul	99
87) Chrysene	21.745	228	3398827	25.833	ng/ul	100
89) Di-n-octyl phthalate	22.921	149	4126300	29.369	ng/ul	100
90) Benzo(b)fluoranthene	24.027	252	3563690	25.659	ng/ul	99
91) Benzo(k)fluoranthene	24.098	252	3609247	26.545	ng/ul	98
93) Benzo(a)pyrene	24.957	252	3199113	25.002	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.980	276	4185783	25.371	ng/ul	99
95) Dibenzo(a,h)anthracene	29.056	278	3396718	25.622	ng/ul	98
96) Benzo(g,h,i)perylene	30.174	276	3350999	26.288	ng/ul	98

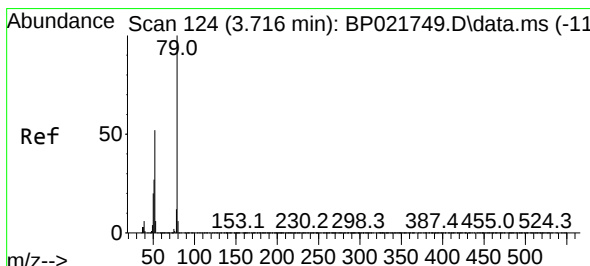
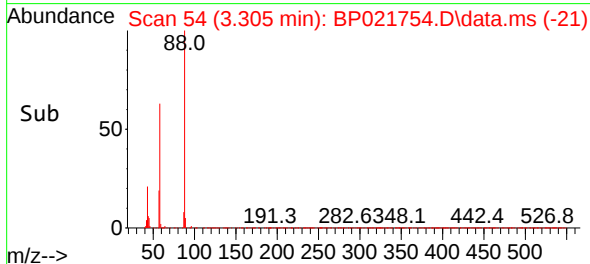
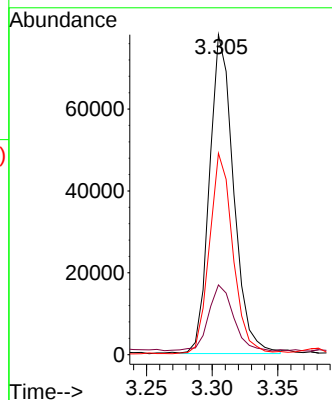
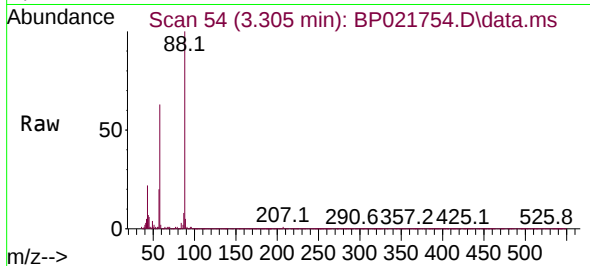
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#2
1,4-Dioxane
Concen: 8.614 ng/uL
RT: 3.305 min Scan# 54
Delta R.T. -0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

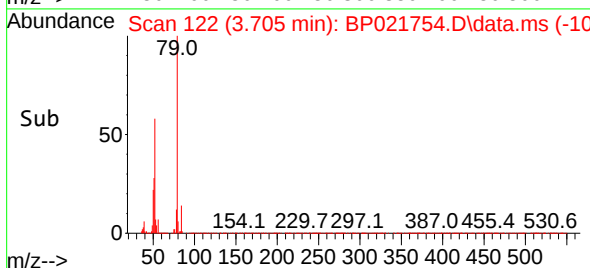
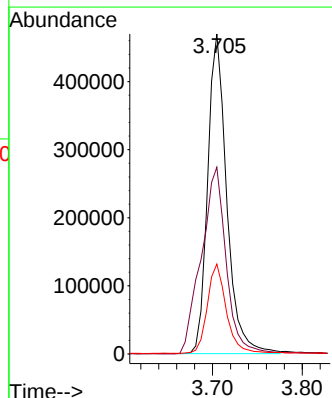
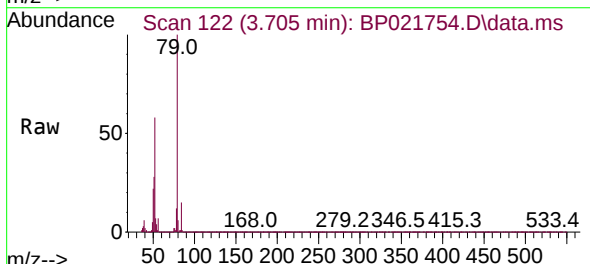
Instrument :
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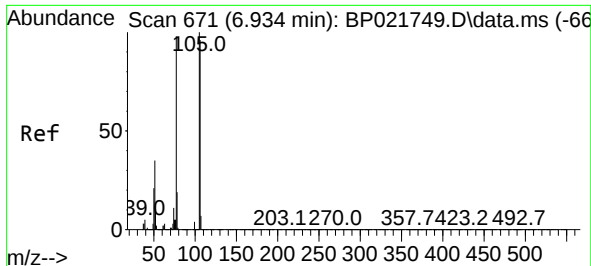
Tgt Ion: 88	Resp: 99572
Ion Ratio	Lower Upper
88 100	
43 21.8	15.4 23.2
58 63.0	48.2 72.2



#5
Pyridine
Concen: 22.069 ng/uL
RT: 3.705 min Scan# 122
Delta R.T. -0.000 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion: 79	Resp: 693744
Ion Ratio	Lower Upper
79 100	
52 58.3	46.8 70.2
51 28.1	21.7 32.5

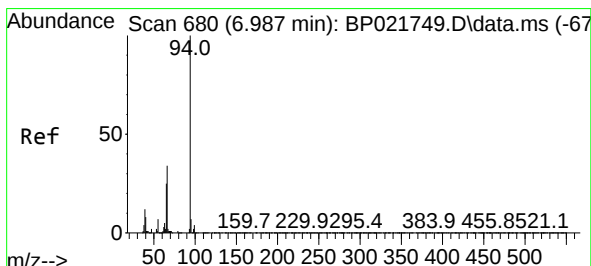
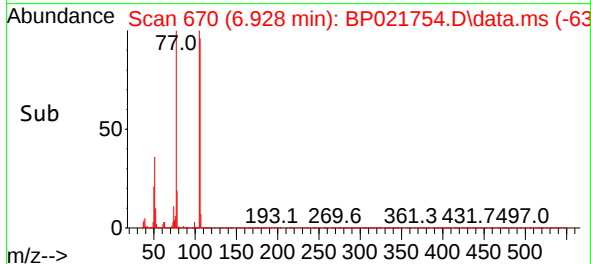
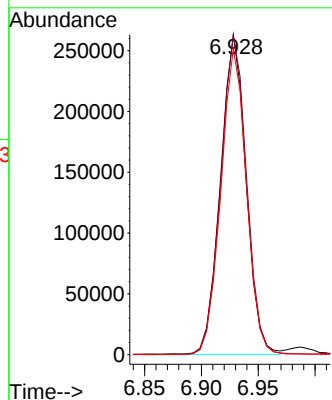
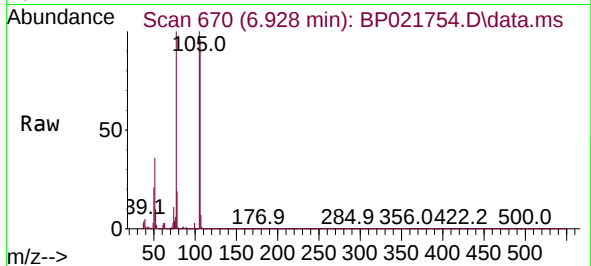




#6
Benzaldehyde
Concen: 20.814 ng/ul
RT: 6.928 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

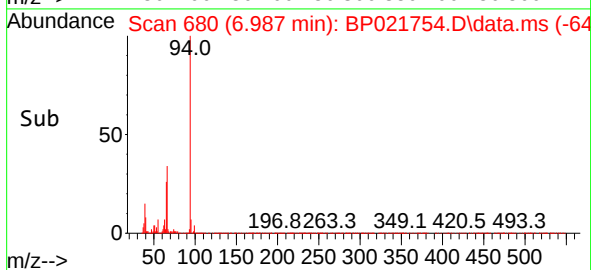
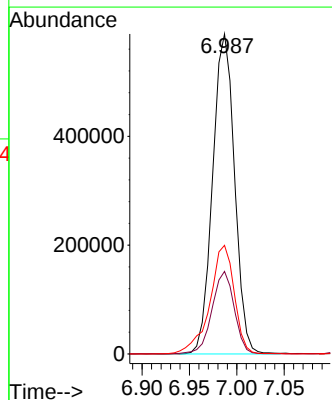
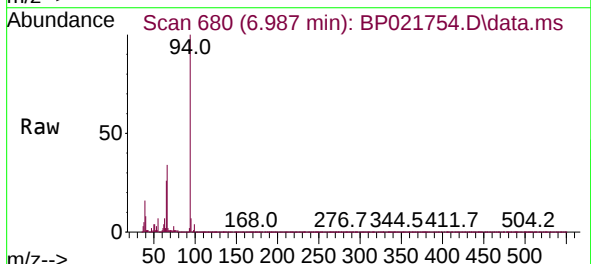
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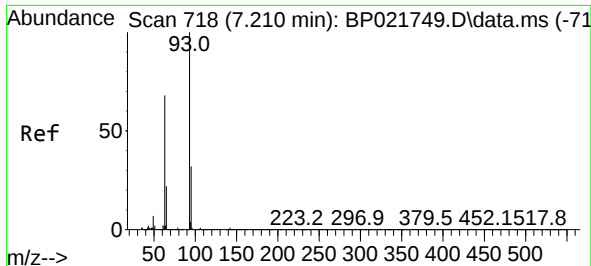
Tgt Ion: 77 Resp: 410241
Ion Ratio Lower Upper
77 100
105 99.7 80.2 120.4
106 95.6 76.2 114.4



#8
Phenol
Concen: 23.607 ng/ul
RT: 6.987 min Scan# 680
Delta R.T. 0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion: 94 Resp: 948563
Ion Ratio Lower Upper
94 100
65 25.8 20.0 30.0
66 34.0 27.0 40.4

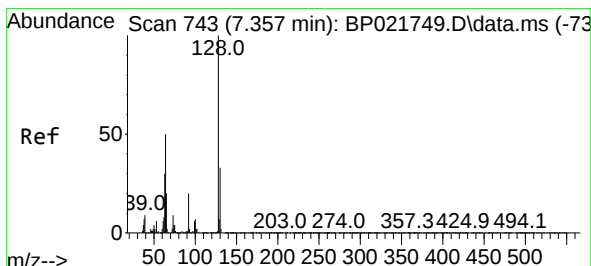
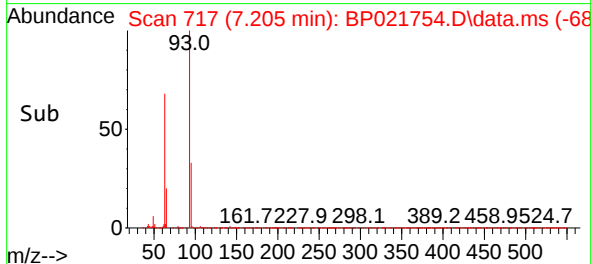
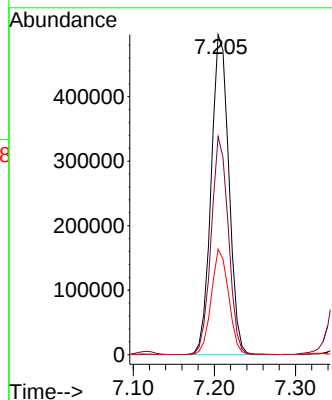
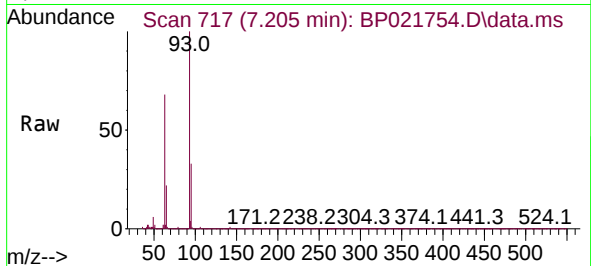




#10
Bis(2-Chloroethyl)ether
Concen: 23.996 ng/ul
RT: 7.205 min Scan# 718
Delta R.T. -0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

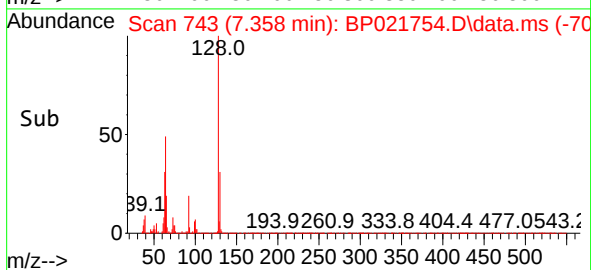
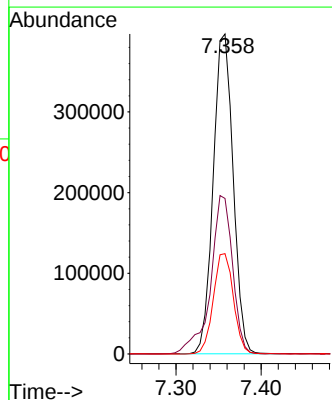
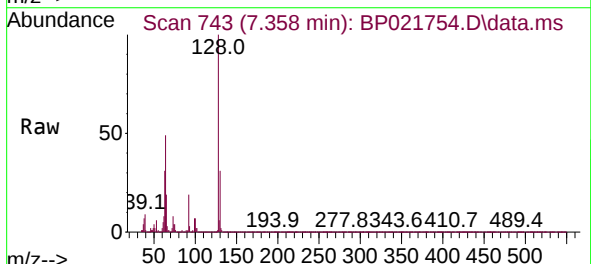
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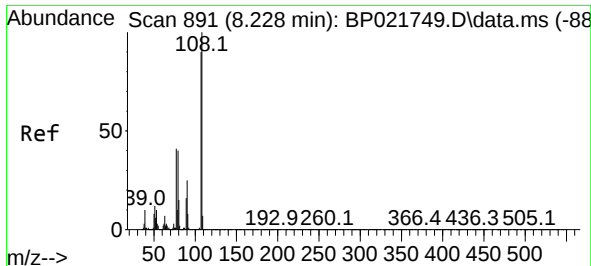
Tgt Ion: 93 Resp: 749447
Ion Ratio Lower Upper
93 100
63 68.1 54.9 82.3
95 33.0 26.0 39.0



#12
2-Chlorophenol
Concen: 24.695 ng/ul
RT: 7.358 min Scan# 743
Delta R.T. -0.000 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:128 Resp: 644828
Ion Ratio Lower Upper
128 100
64 48.6 39.5 59.3
130 31.4 25.9 38.9

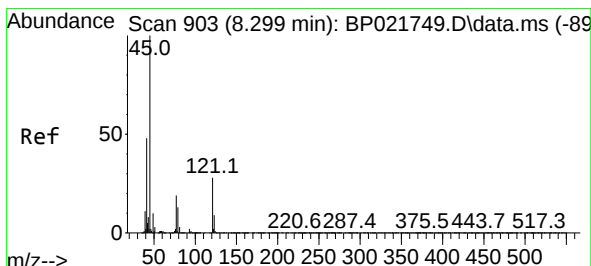
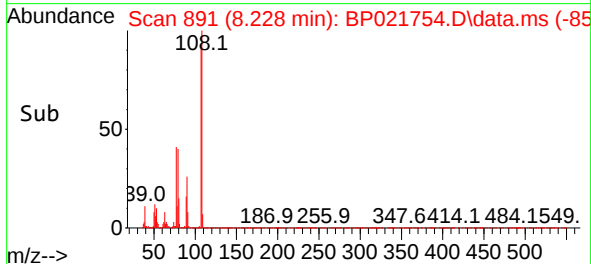
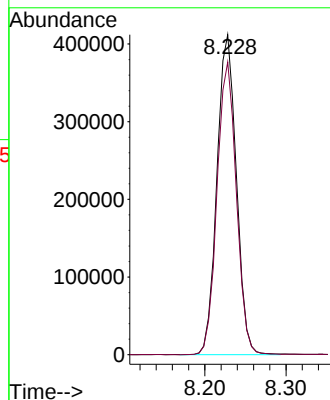
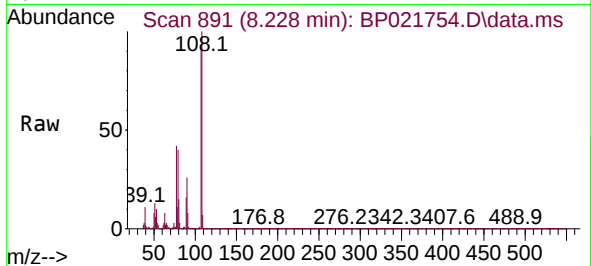




#13
2-Methylphenol
Concen: 23.593 ng/ul
RT: 8.228 min Scan# 891
Delta R.T. 0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

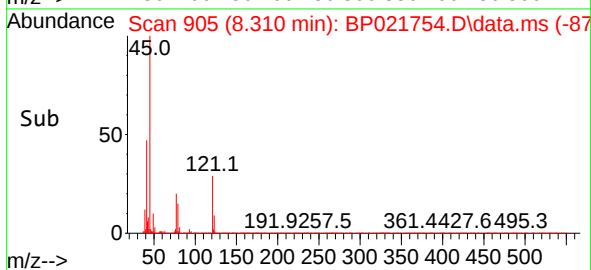
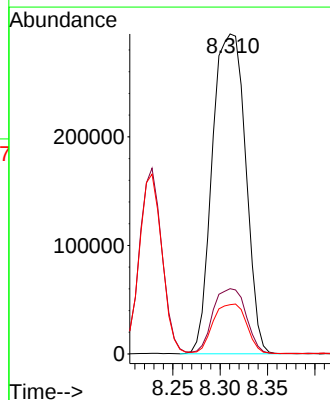
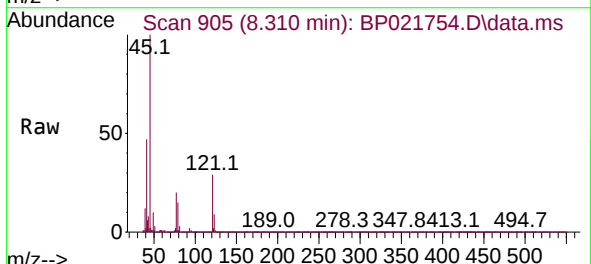
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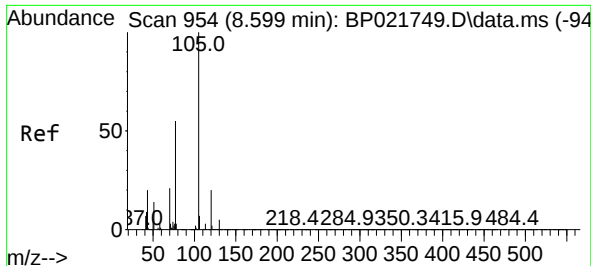
Tgt Ion:108 Resp: 683884
Ion Ratio Lower Upper
108 100
107 91.5 73.2 109.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 23.830 ng/ul
RT: 8.310 min Scan# 905
Delta R.T. 0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion: 45 Resp: 718380
Ion Ratio Lower Upper
45 100
77 20.4 17.0 25.4
79 15.4 12.0 18.0

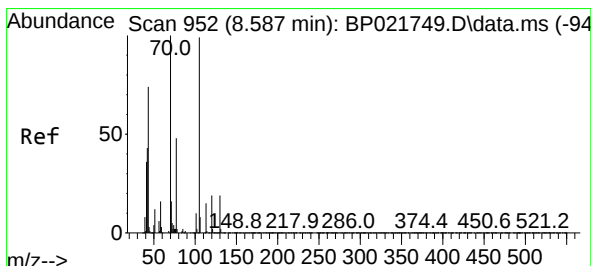
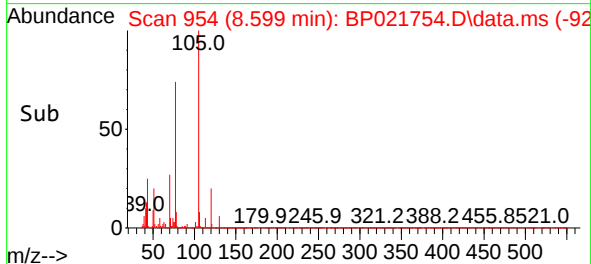
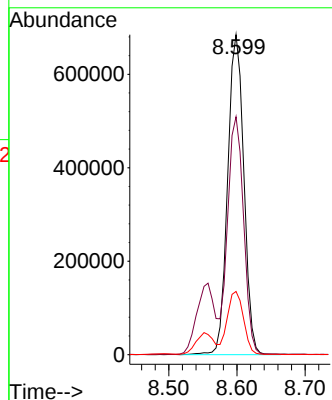
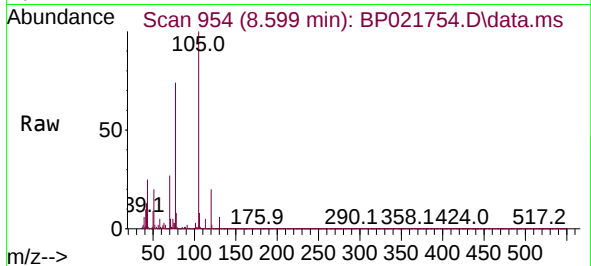




#16
Acetophenone
Concen: 23.667 ng/ul
RT: 8.599 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

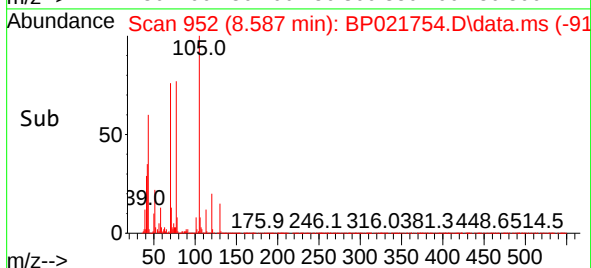
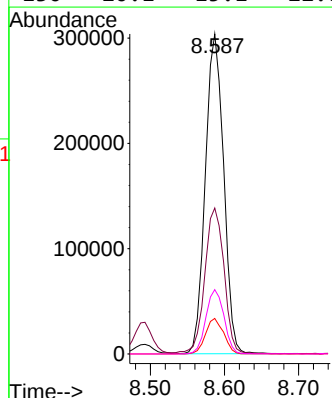
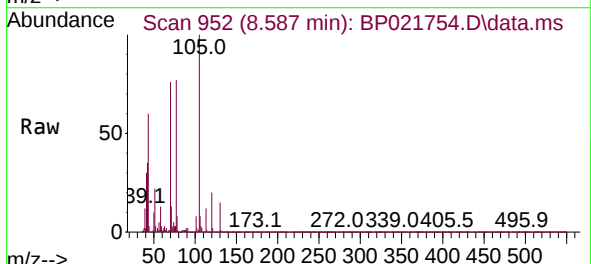
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ClientSampleId :
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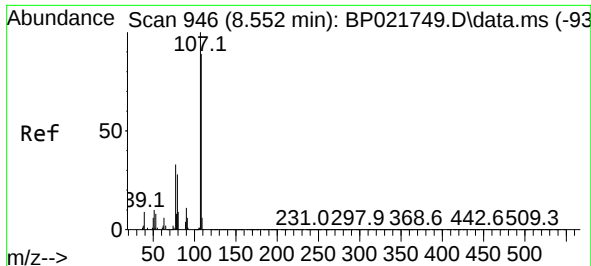
Tgt Ion:105 Resp: 1129833
Ion Ratio Lower Upper
105 100
77 74.4 59.4 89.2
51 19.8 16.4 24.6



#17
N-Nitroso-di-n-propylamine
Concen: 23.202 ng/ul
RT: 8.587 min Scan# 952
Delta R.T. -0.000 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion: 70 Resp: 522705
Ion Ratio Lower Upper
70 100
42 45.6 35.8 53.6
101 11.1 8.2 12.4
130 20.1 15.1 22.7

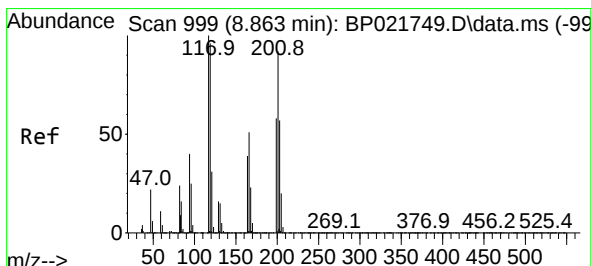
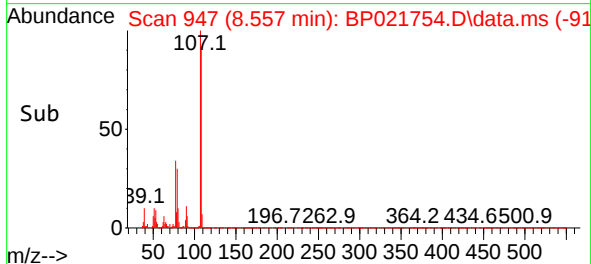
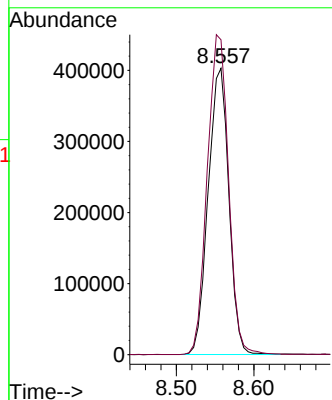
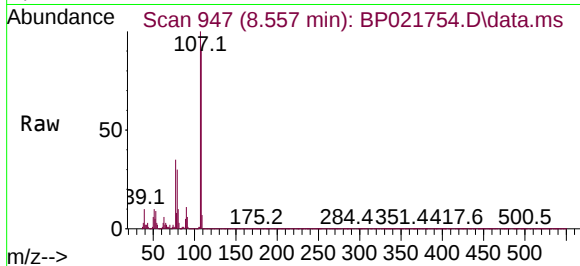




#18
4-Methylphenol
Concen: 23.550 ng/ul
RT: 8.557 min Scan# 946
Delta R.T. 0.012 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

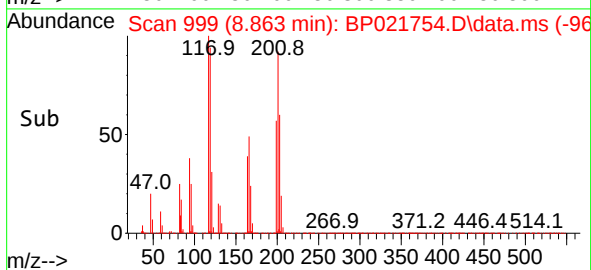
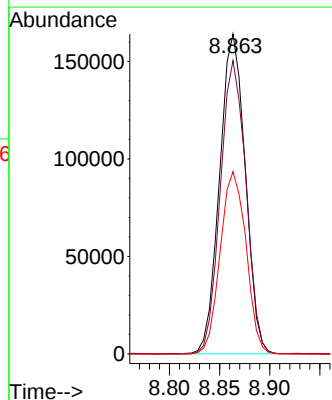
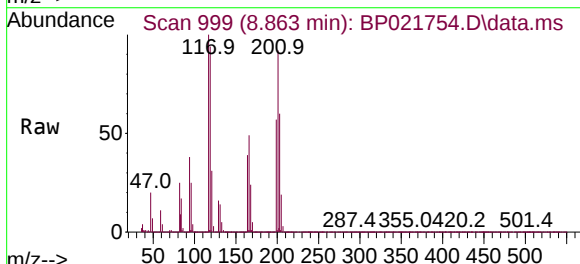
Instrument :
BNA_P
ClientSampleId :
SLCS042

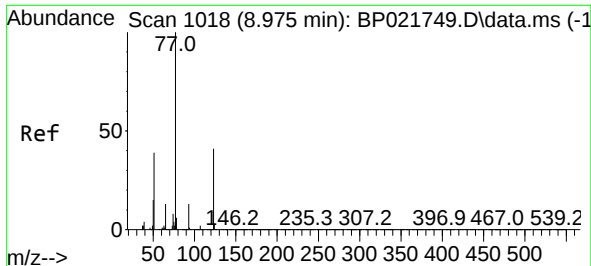
Tgt Ion:108 Resp: 747329
Ion Ratio Lower Upper
108 100
107 110.0 90.1 135.1



#19
Hexachloroethane
Concen: 24.933 ng/ul
RT: 8.863 min Scan# 999
Delta R.T. -0.000 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:117 Resp: 291113
Ion Ratio Lower Upper
117 100
201 91.7 75.3 112.9
199 56.9 47.4 71.0

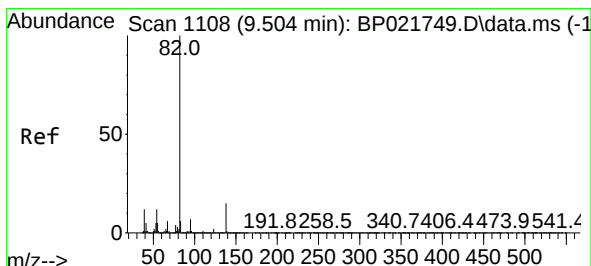
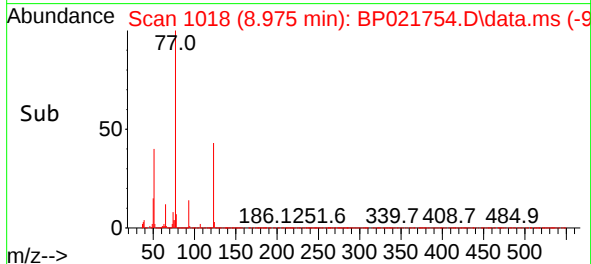
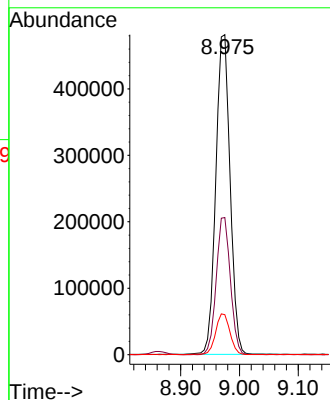
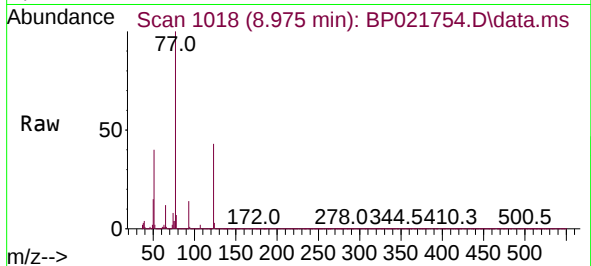




#22
Nitrobenzene
Concen: 24.697 ng/ul
RT: 8.975 min Scan# 1018
Delta R.T. -0.000 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

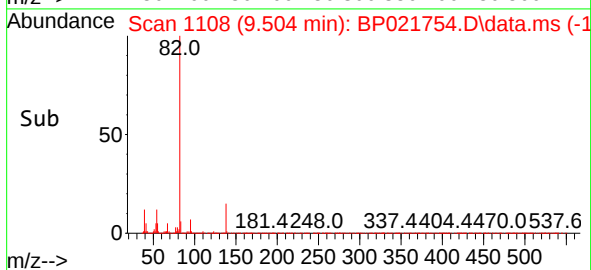
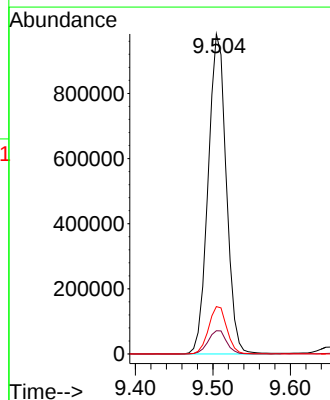
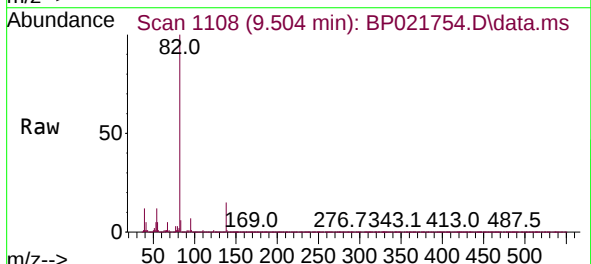
Instrument :
BNA_P
ClientSampleId :
SLCS042

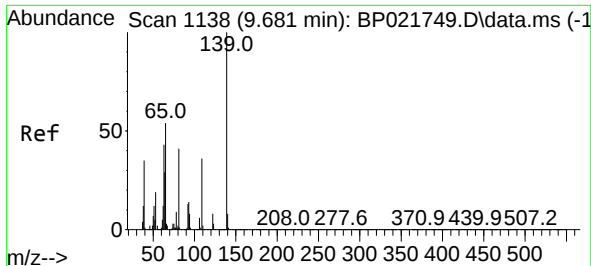
Tgt Ion: 77 Resp: 811784
Ion Ratio Lower Upper
77 100
123 42.9 33.2 49.8
65 12.5 9.8 14.6



#23
Isophorone
Concen: 24.174 ng/ul
RT: 9.504 min Scan# 1108
Delta R.T. -0.000 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion: 82 Resp: 1594496
Ion Ratio Lower Upper
82 100
95 7.2 5.8 8.8
138 14.8 11.8 17.8

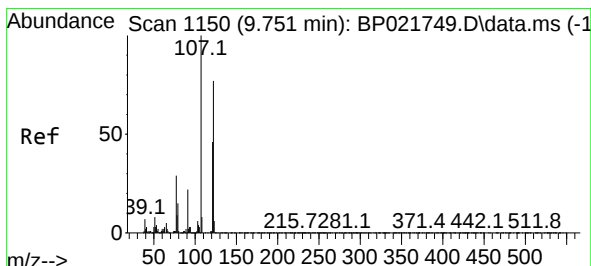
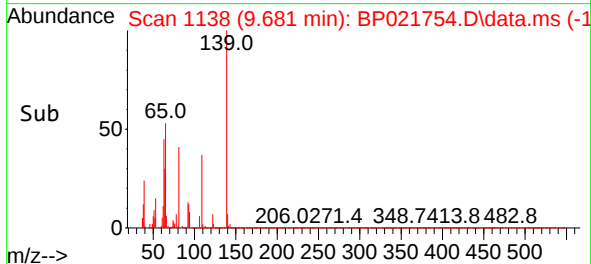
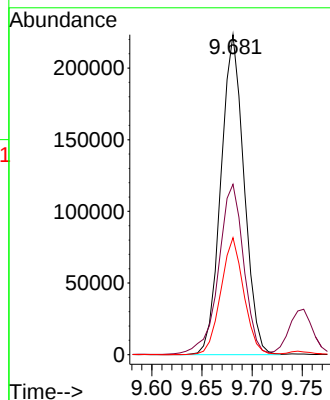
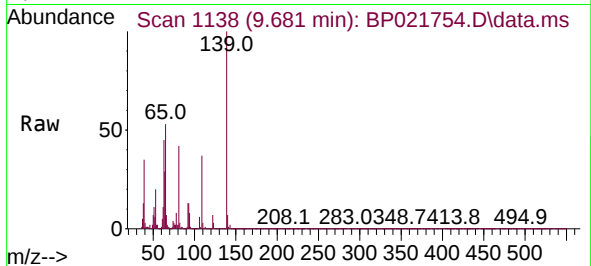




#25
2-Nitrophenol
Concen: 26.942 ng/ul
RT: 9.681 min Scan# 1138
Delta R.T. -0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

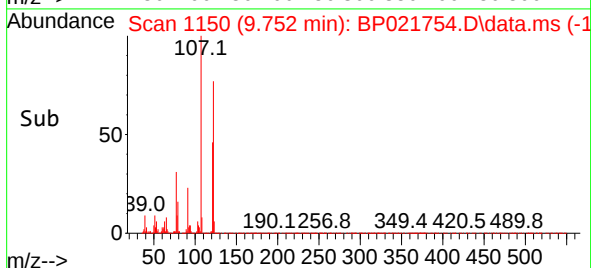
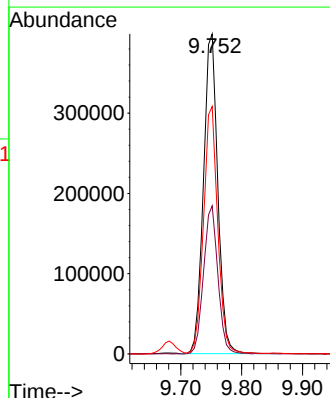
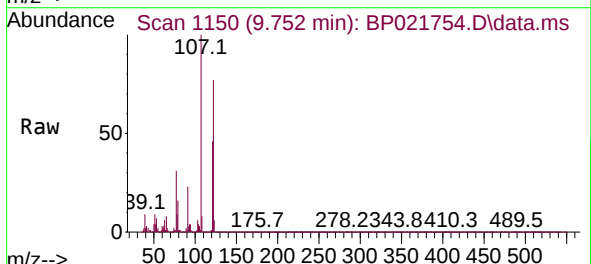
Instrument :
BNA_P
ClientSampleId :
SLCS042

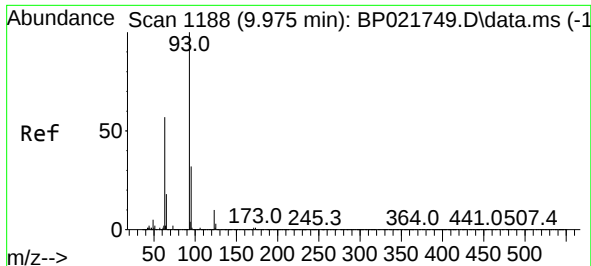
Tgt Ion:139 Resp: 357180
Ion Ratio Lower Upper
139 100
65 53.3 46.2 69.2
109 36.5 28.0 42.0



#26
2,4-Dimethylphenol
Concen: 20.005 ng/ul
RT: 9.752 min Scan# 1150
Delta R.T. 0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:107 Resp: 650922
Ion Ratio Lower Upper
107 100
121 46.3 36.9 55.3
122 77.3 61.0 91.4





#27

Bis(2-Chloroethoxy)methane

Concen: 24.457 ng/ul

RT: 9.981 min Scan# 1188

Delta R.T. -0.000 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Instrument :

BNA_P

ClientSampleId :

SLCS042

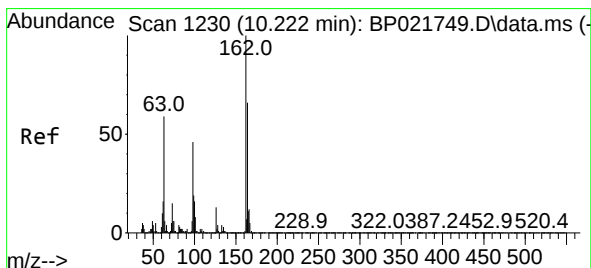
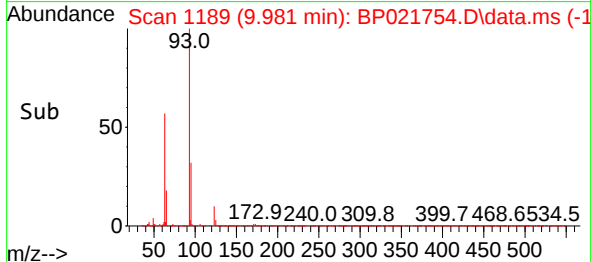
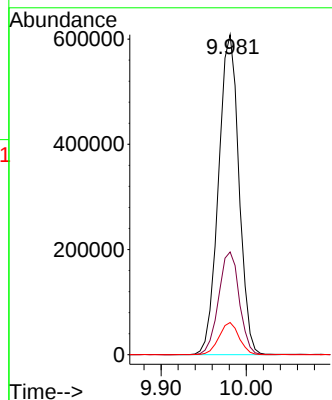
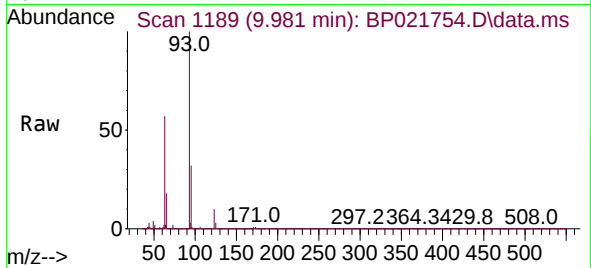
Tgt Ion: 93 Resp: 1011681

Ion Ratio Lower Upper

93 100

95 32.1 25.3 37.9

123 10.0 7.4 11.0



#29

2,4-Dichlorophenol

Concen: 24.822 ng/ul

RT: 10.222 min Scan# 1230

Delta R.T. 0.006 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

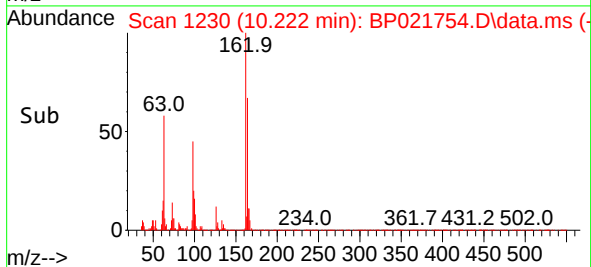
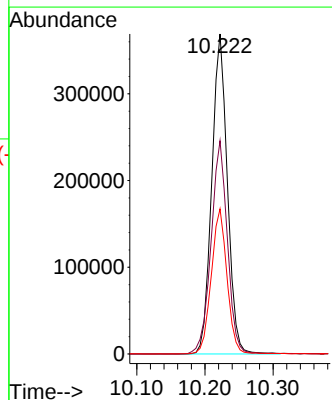
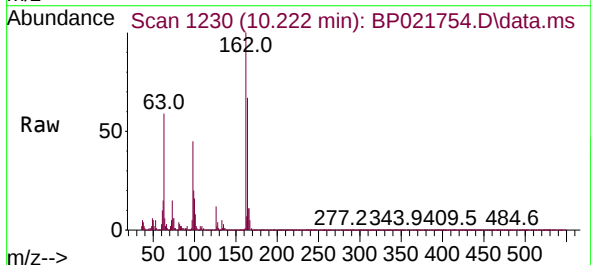
Tgt Ion:162 Resp: 588130

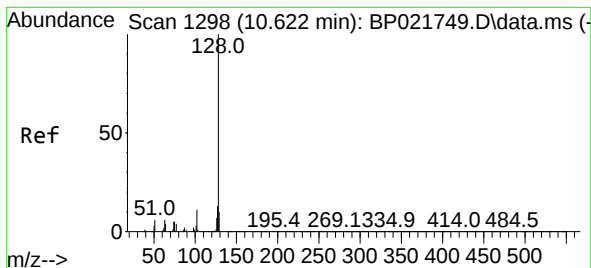
Ion Ratio Lower Upper

162 100

164 66.6 52.3 78.5

98 45.3 35.3 52.9





#30

Naphthalene

Concen: 24.445 ng/ul

RT: 10.622 min Scan# 1298

Delta R.T. -0.000 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Instrument :

BNA_P

ClientSampleId :

SLCS042

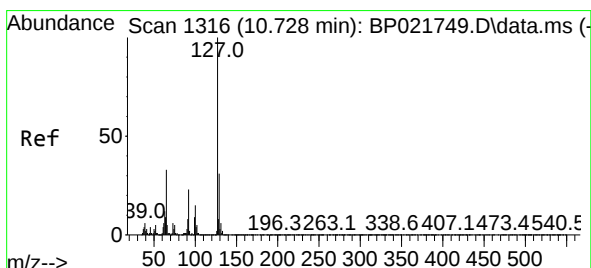
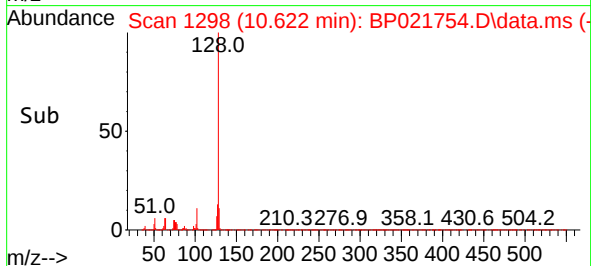
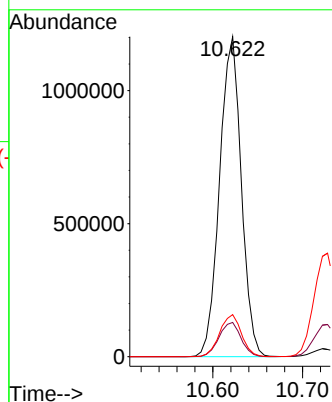
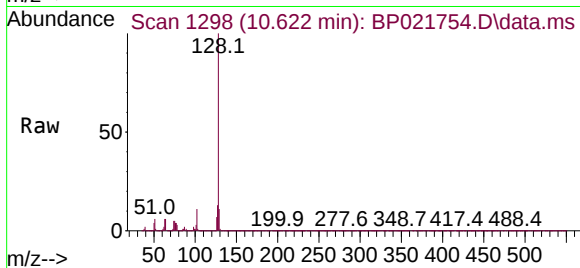
Tgt Ion:128 Resp: 2018597

Ion Ratio Lower Upper

128 100

129 10.7 8.6 13.0

127 13.1 10.5 15.7



#32

4-Chloroaniline

Concen: 19.963 ng/ul

RT: 10.728 min Scan# 1316

Delta R.T. 0.006 min

Lab File: BP021754.D

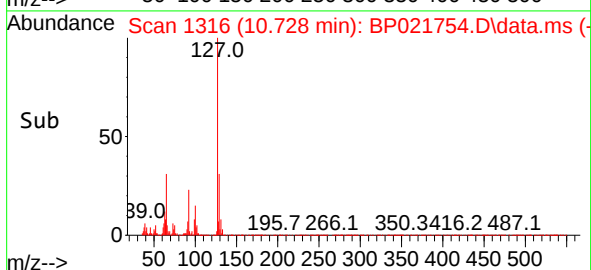
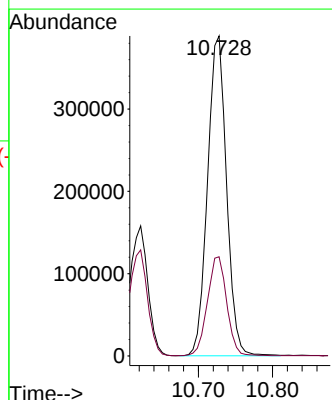
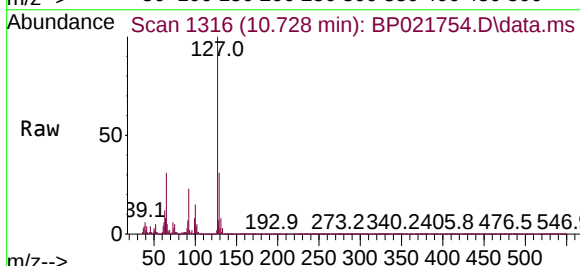
Acq: 30 Aug 2024 15:34

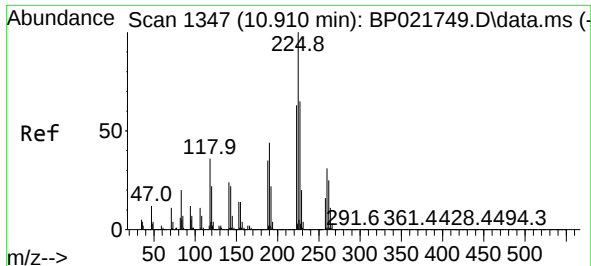
Tgt Ion:127 Resp: 691390

Ion Ratio Lower Upper

127 100

129 31.0 25.8 38.8

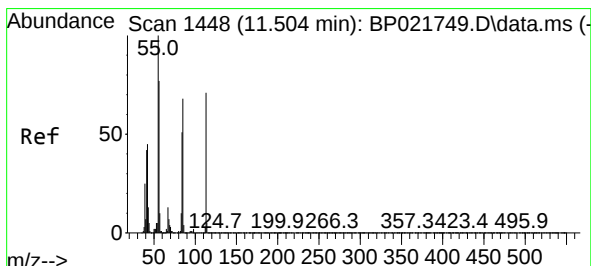
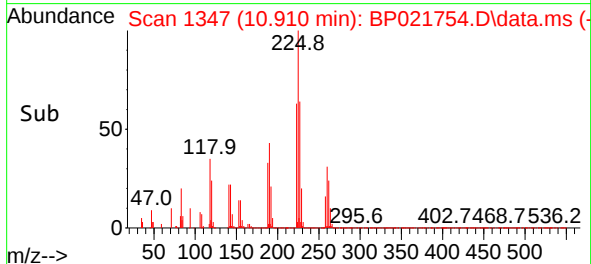
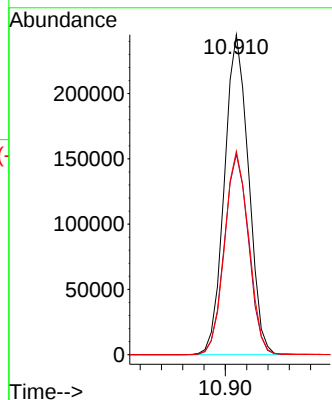
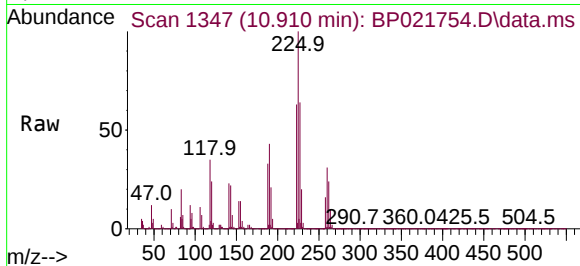




#33
Hexachlorobutadiene
Concen: 24.208 ng/ul
RT: 10.910 min Scan# 1347
Delta R.T. -0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

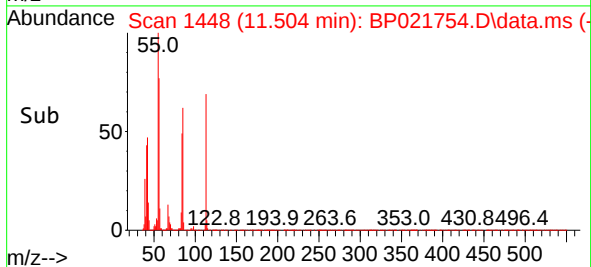
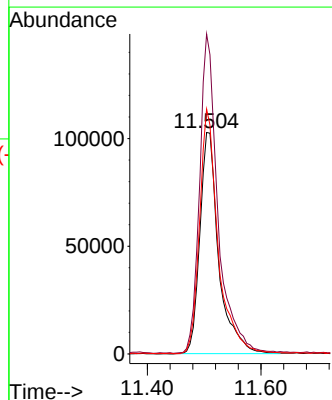
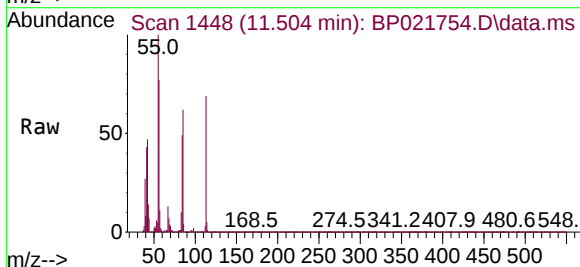
Instrument :
BNA_P
ClientSampleId :
SLCS042

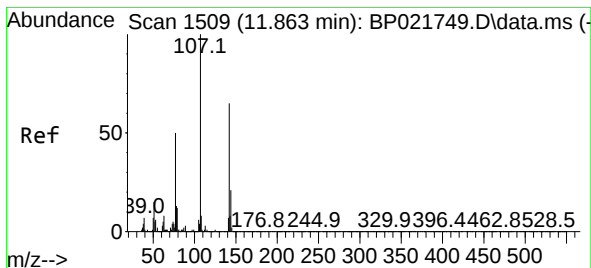
Tgt Ion:225 Resp: 384855
Ion Ratio Lower Upper
225 100
223 62.7 51.5 77.3
227 63.6 51.3 76.9



#34
Caprolactam
Concen: 23.617 ng/ul
RT: 11.504 min Scan# 1448
Delta R.T. -0.000 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:113 Resp: 236629
Ion Ratio Lower Upper
113 100
55 144.5 110.2 165.2
56 110.7 84.9 127.3

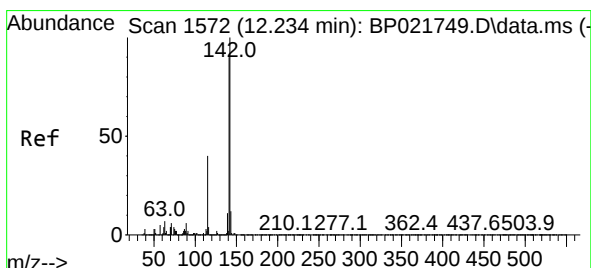
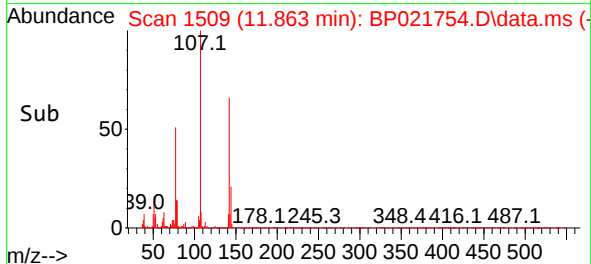
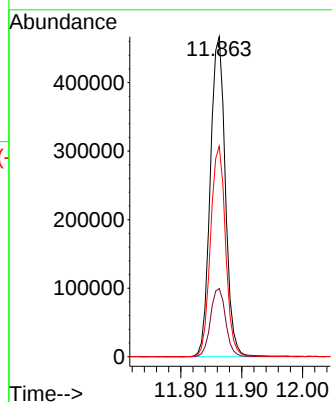
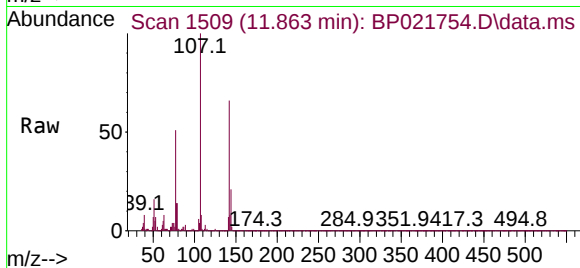




#35
4-Chloro-3-methylphenol
Concen: 25.507 ng/ul
RT: 11.863 min Scan# 1509
Delta R.T. 0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

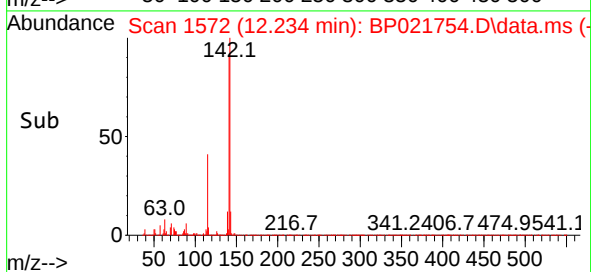
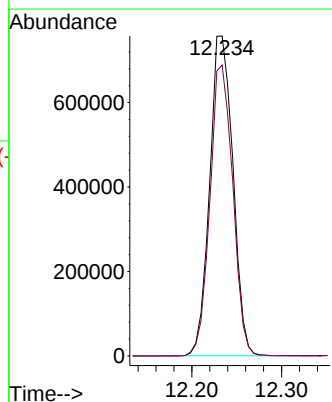
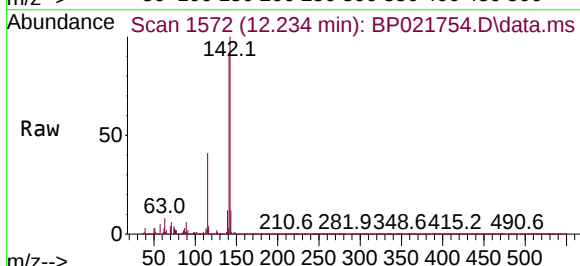
Instrument :
BNA_P
ClientSampleId :
SLCS042

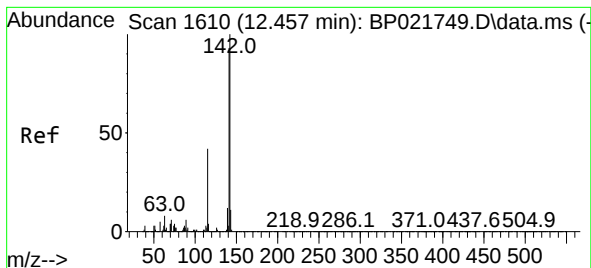
Tgt Ion:107 Resp: 799926
Ion Ratio Lower Upper
107 100
144 21.3 17.5 26.3
142 65.7 53.3 79.9



#36
2-Methylnaphthalene
Concen: 24.406 ng/ul
RT: 12.234 min Scan# 1572
Delta R.T. -0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:142 Resp: 1363175
Ion Ratio Lower Upper
142 100
141 90.9 71.1 106.7





#37

1-Methylnaphthalene

Concen: 23.906 ng/ul

RT: 12.451 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Instrument :

BNA_P

ClientSampleId :

SLCS042

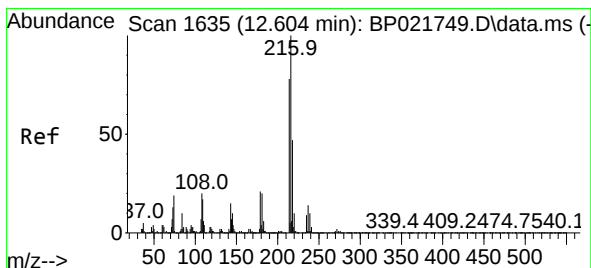
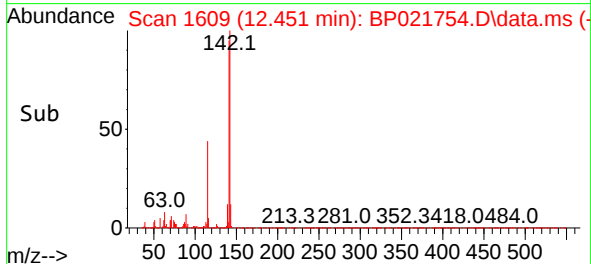
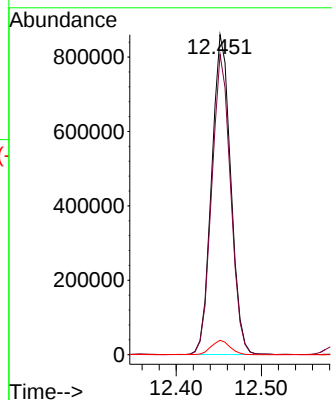
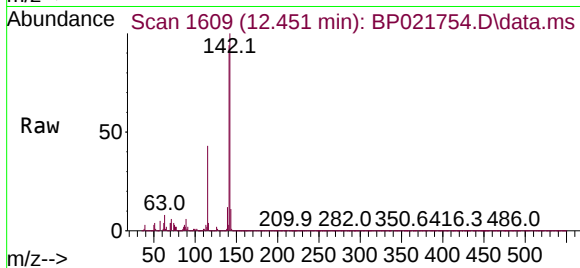
Tgt Ion:142 Resp: 1343023

Ion Ratio Lower Upper

142 100

141 93.9 74.6 111.8

116 4.5 3.5 5.3



#39

1,2,4,5-Tetrachlorobenzene

Concen: 24.600 ng/ul

RT: 12.604 min Scan# 1635

Delta R.T. -0.006 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Tgt Ion:216 Resp: 735671

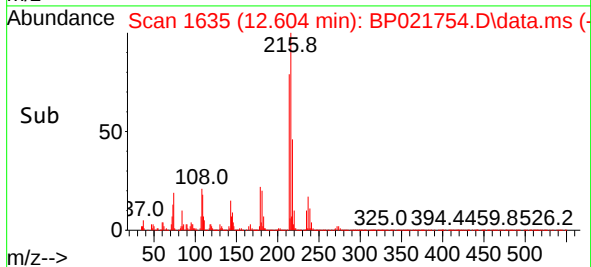
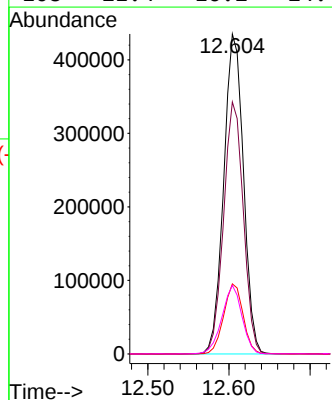
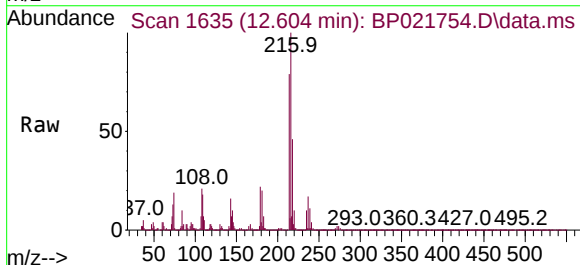
Ion Ratio Lower Upper

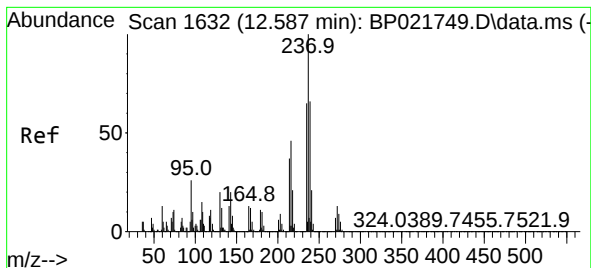
216 100

214 78.8 63.2 94.8

179 21.9 16.6 25.0

108 21.4 16.2 24.4

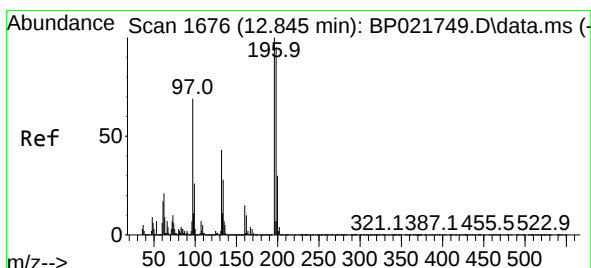
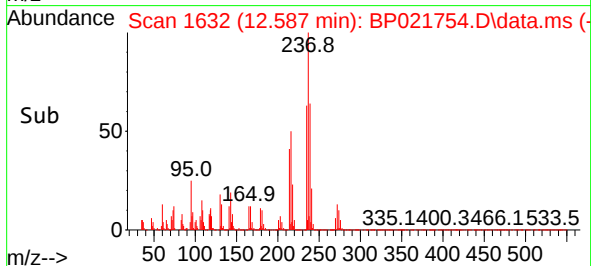
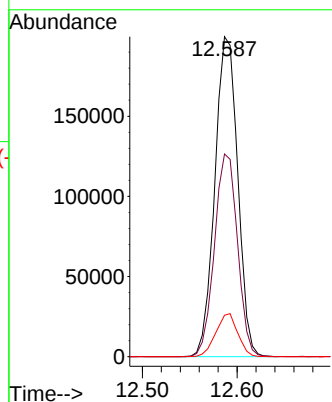
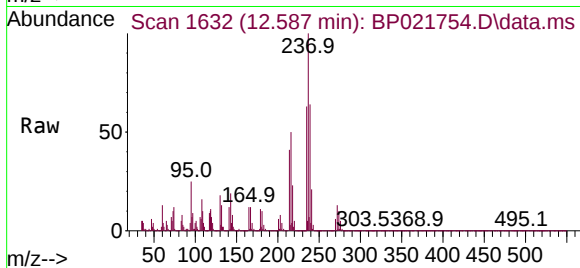




#40
Hexachlorocyclopentadiene
Concen: 19.549 ng/ul
RT: 12.587 min Scan# 1632
Delta R.T. -0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

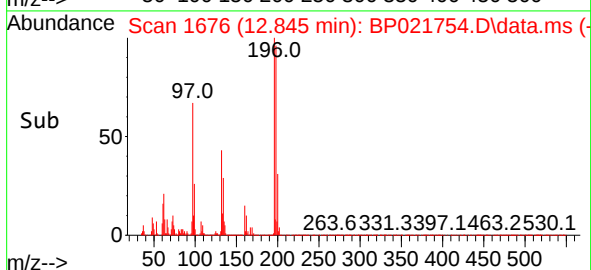
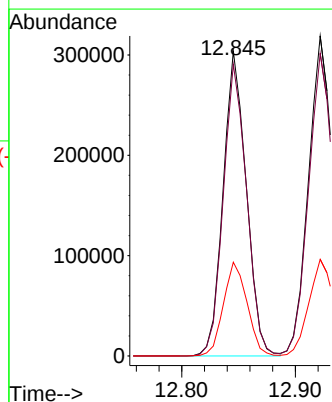
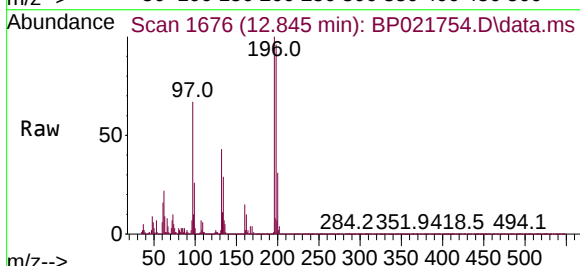
Instrument :
BNA_P
ClientSampleId :
SLCS042

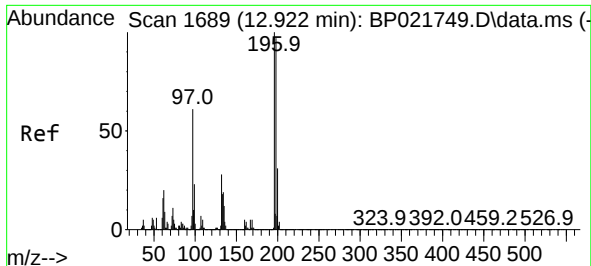
Tgt Ion:237 Resp: 335466
Ion Ratio Lower Upper
237 100
235 63.3 50.7 76.1
272 13.0 11.0 16.6



#41
2,4,6-Trichlorophenol
Concen: 22.393 ng/ul
RT: 12.845 min Scan# 1676
Delta R.T. -0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:196 Resp: 431176
Ion Ratio Lower Upper
196 100
198 95.6 76.5 114.7
200 30.7 25.3 37.9

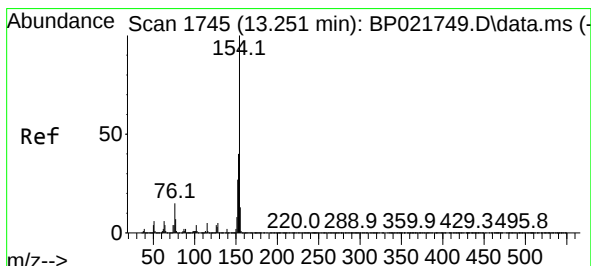
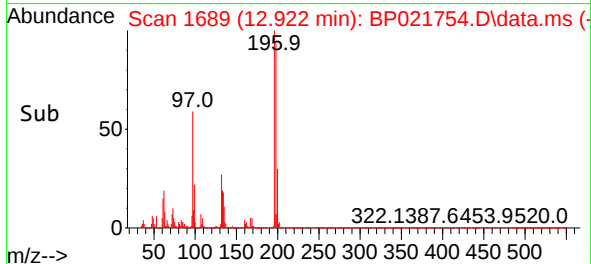
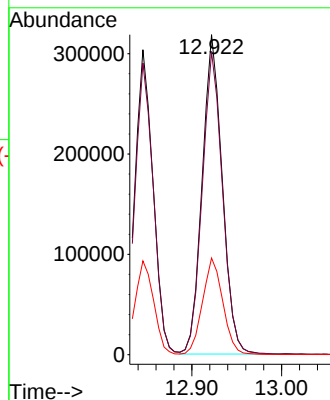
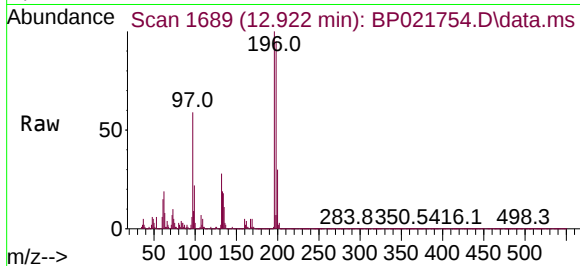




#42
2,4,5-Trichlorophenol
Concen: 23.763 ng/ul
RT: 12.922 min Scan# 1689
Delta R.T. -0.000 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

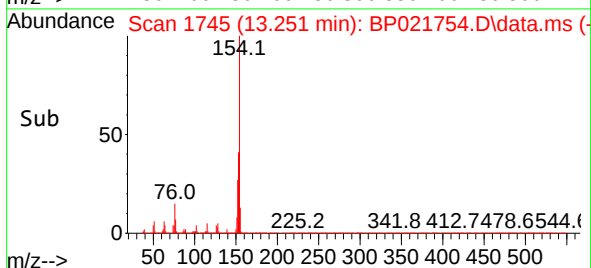
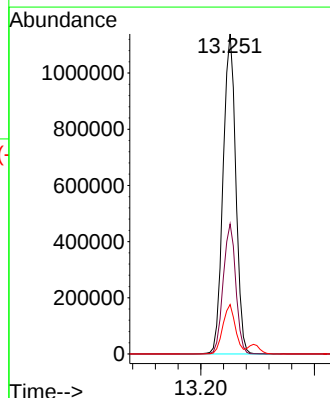
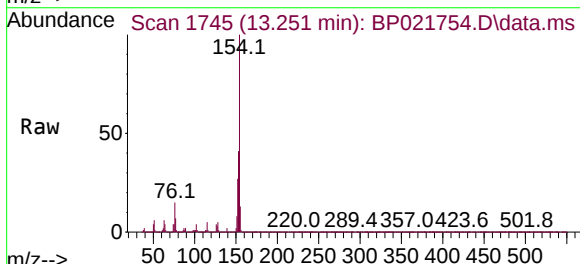
Instrument :
BNA_P
ClientSampleId :
SLCS042

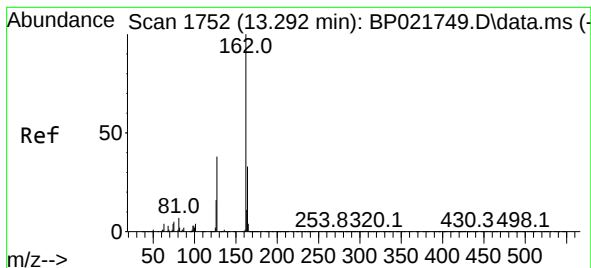
Tgt Ion:196 Resp: 494050
Ion Ratio Lower Upper
196 100
198 94.6 78.0 117.0
200 30.2 24.3 36.5



#43
1,1'-Biphenyl
Concen: 24.742 ng/ul
RT: 13.251 min Scan# 1745
Delta R.T. -0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:154 Resp: 1776187
Ion Ratio Lower Upper
154 100
153 40.7 31.6 47.4
76 15.4 12.6 18.8





#44

2-Chloronaphthalene

Concen: 24.782 ng/ul

RT: 13.292 min Scan# 1752

Delta R.T. -0.000 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Instrument :

BNA_P

ClientSampleId :

SLCS042

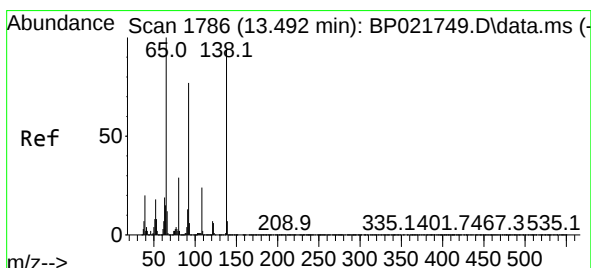
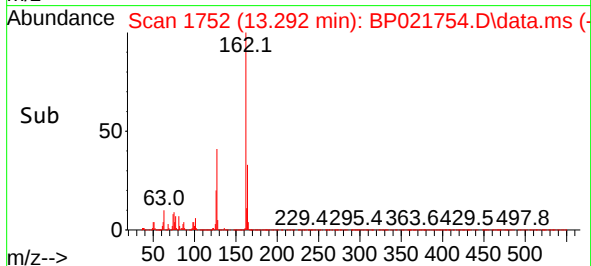
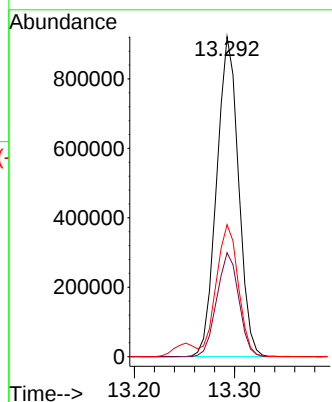
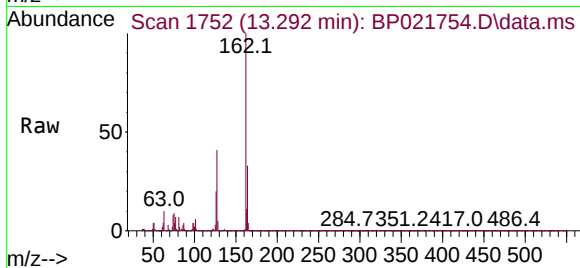
Tgt Ion:162 Resp: 1394867

Ion Ratio Lower Upper

162 100

164 32.5 26.0 39.0

127 41.2 33.1 49.7



#45

2-Nitroaniline

Concen: 26.901 ng/ul

RT: 13.492 min Scan# 1786

Delta R.T. -0.006 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

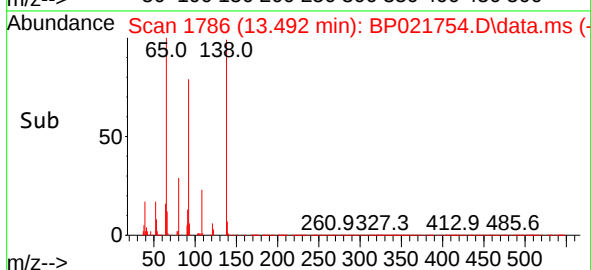
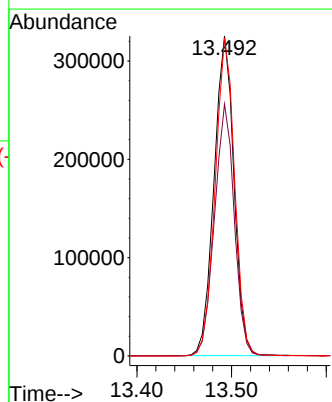
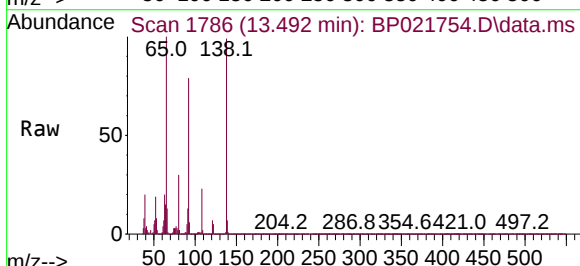
Tgt Ion: 65 Resp: 474350

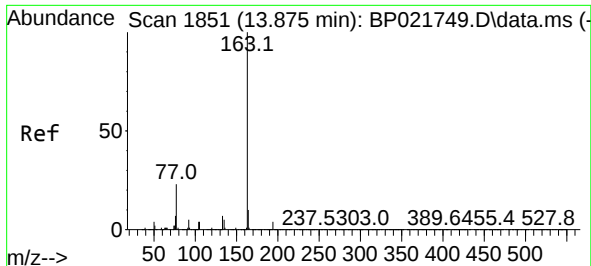
Ion Ratio Lower Upper

65 100

92 78.7 65.4 98.2

138 99.4 77.5 116.3

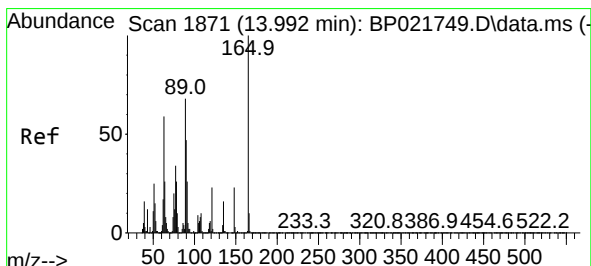
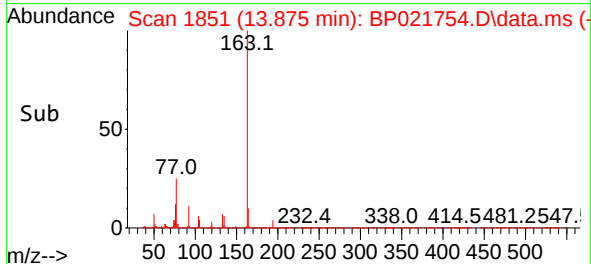
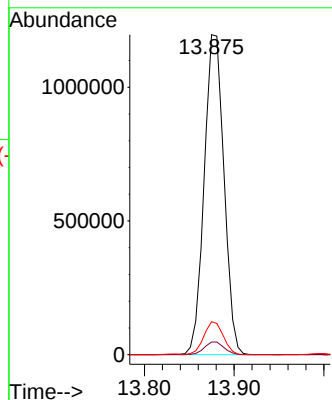
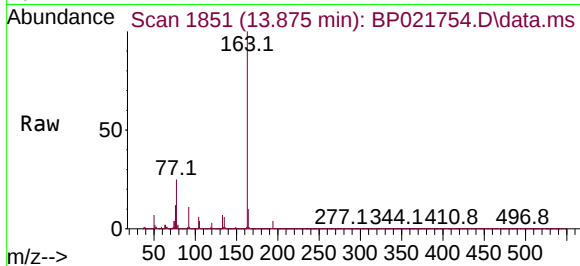




#47
Dimethylphthalate
Concen: 25.213 ng/ul
RT: 13.875 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

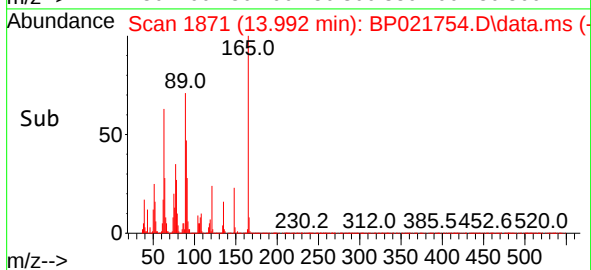
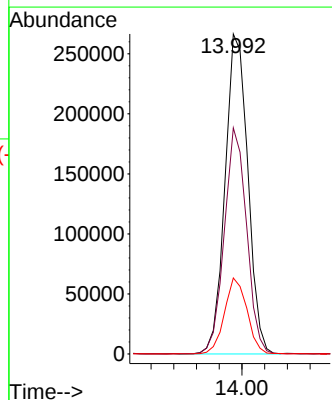
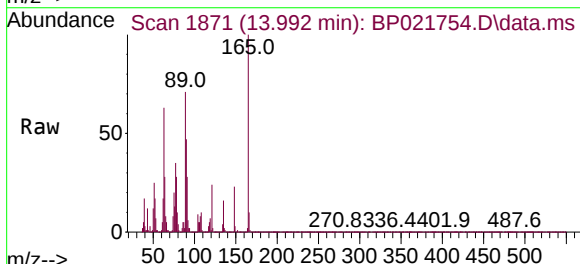
Instrument :
BNA_P
ClientSampleId :
SLCS042

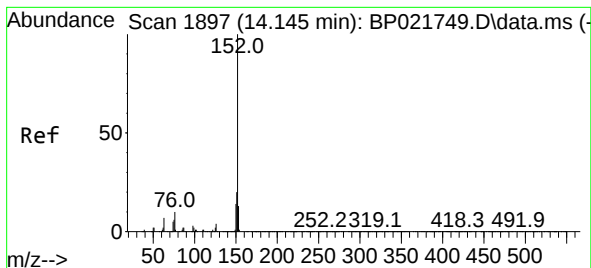
Tgt Ion:163 Resp: 1832980
Ion Ratio Lower Upper
163 100
194 3.9 3.5 5.3
164 10.3 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 27.711 ng/ul
RT: 13.992 min Scan# 1871
Delta R.T. -0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:165 Resp: 371530
Ion Ratio Lower Upper
165 100
89 70.7 55.7 83.5
121 23.8 18.6 28.0





#50

Acenaphthylene

Concen: 25.805 ng/ul

RT: 14.145 min Scan# 1897

Delta R.T. -0.012 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Instrument :

BNA_P

ClientSampleId :

SLCS042

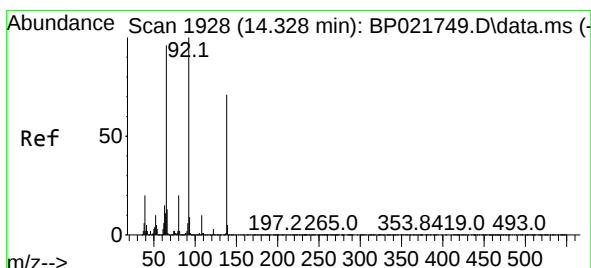
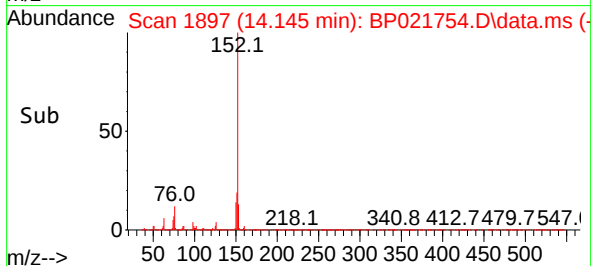
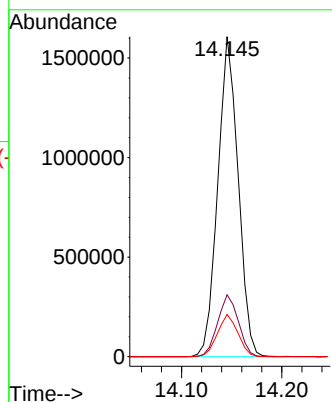
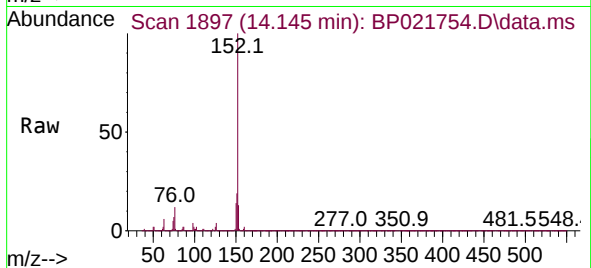
Tgt Ion:152 Resp: 2262230

Ion Ratio Lower Upper

152 100

151 19.3 15.6 23.4

153 13.2 10.2 15.4



#51

3-Nitroaniline

Concen: 26.666 ng/ul

RT: 14.322 min Scan# 1927

Delta R.T. -0.006 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

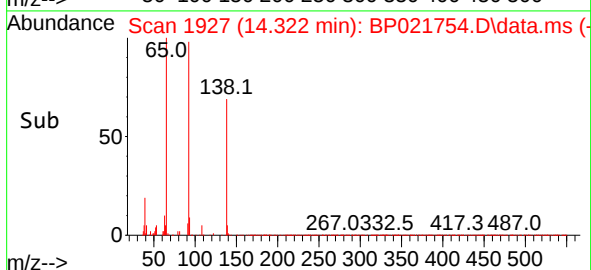
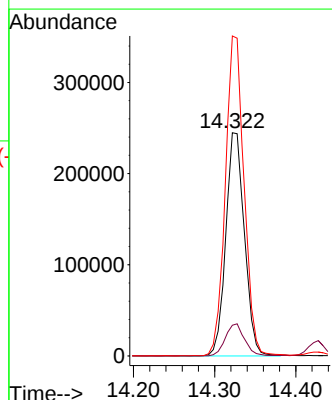
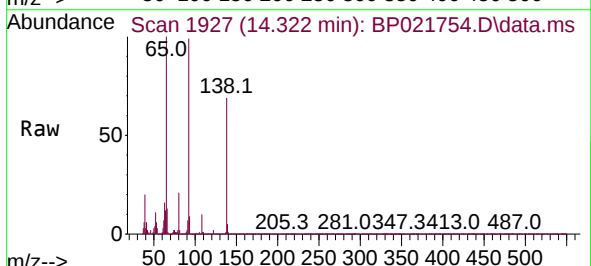
Tgt Ion:138 Resp: 390692

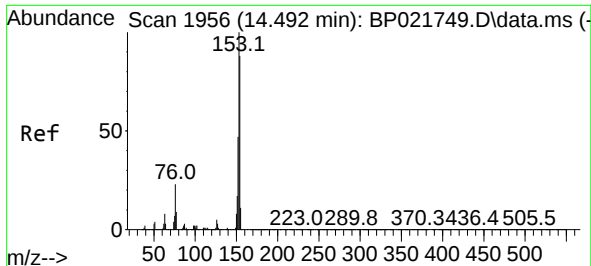
Ion Ratio Lower Upper

138 100

108 13.8 12.0 18.0

92 143.3 114.1 171.1

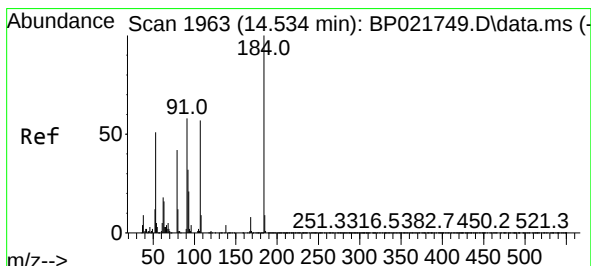
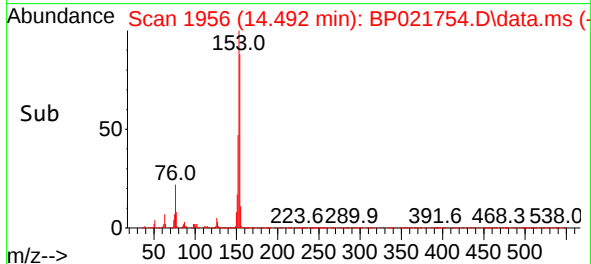
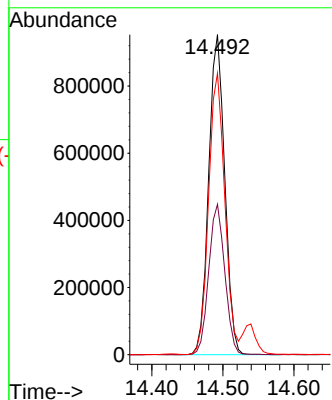
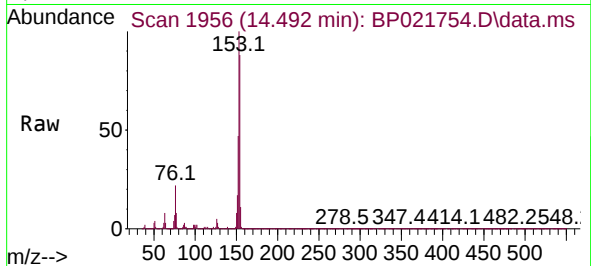




#52
Acenaphthene
Concen: 24.370 ng/ul
RT: 14.492 min Scan# 1956
Delta R.T. -0.012 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

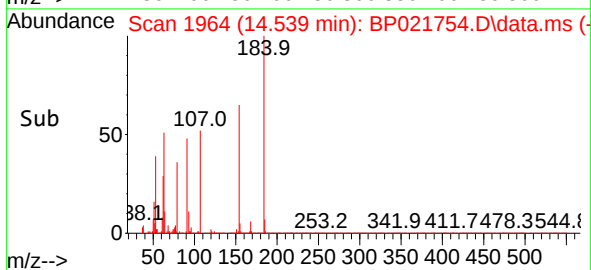
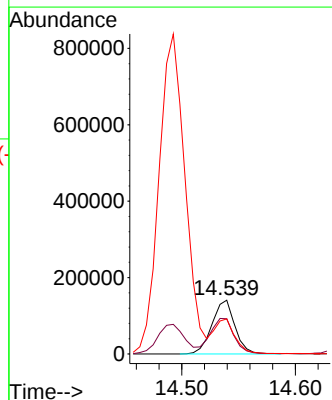
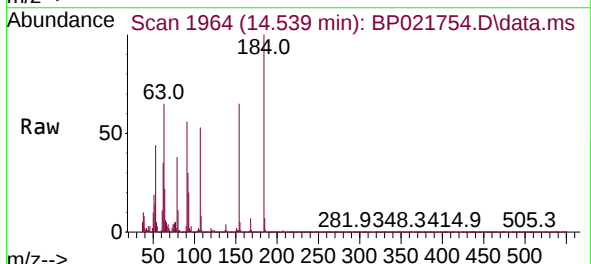
Instrument :
BNA_P
ClientSampleId :
SLCS042

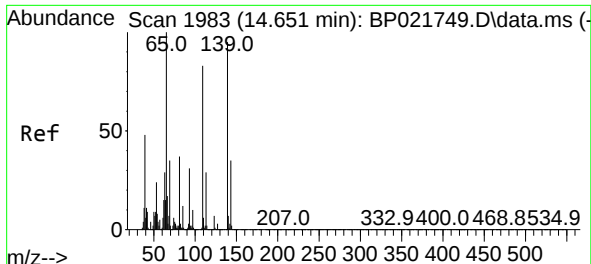
Tgt Ion:153 Resp: 1502465
Ion Ratio Lower Upper
153 100
152 47.0 38.0 57.0
154 87.9 70.2 105.4



#53
2,4-Dinitrophenol
Concen: 24.602 ng/ul
RT: 14.539 min Scan# 1964
Delta R.T. -0.000 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:184 Resp: 197475
Ion Ratio Lower Upper
184 100
63 65.5 55.5 83.3
154 65.1 51.3 76.9

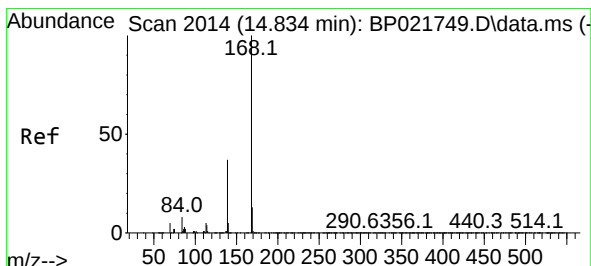
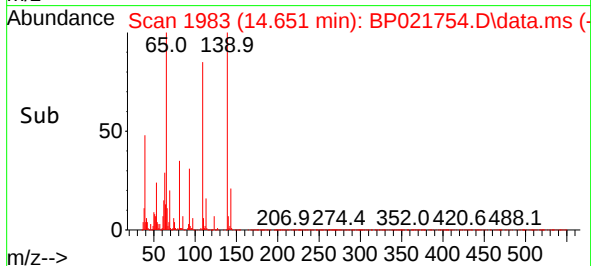
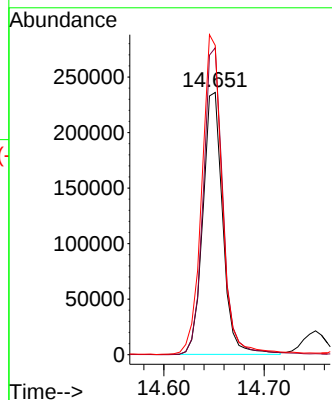
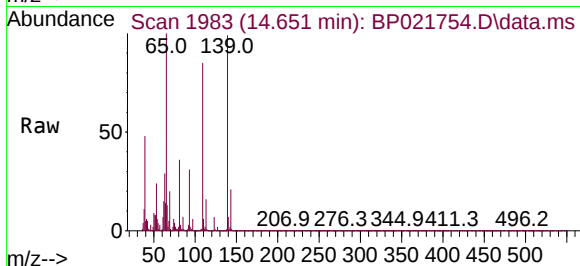




#55
4-Nitrophenol
Concen: 25.726 ng/ul
RT: 14.651 min Scan# 1983
Delta R.T. 0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

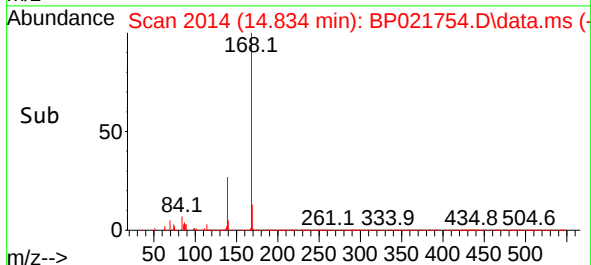
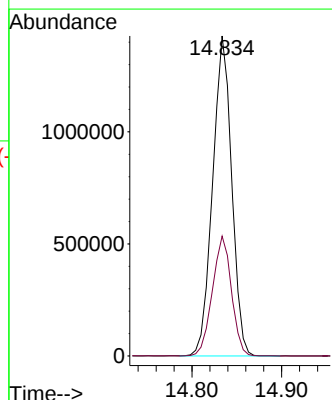
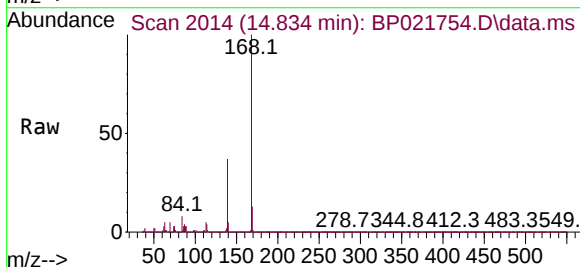
Instrument :
BNA_P
ClientSampleId :
SLCS042

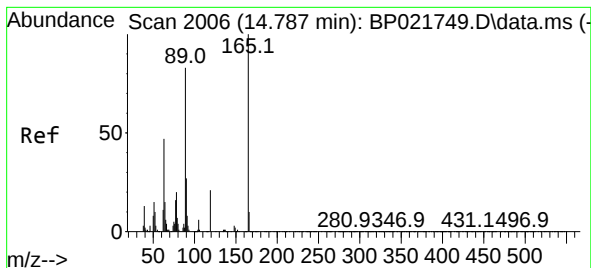
Tgt Ion:109 Resp: 325364
Ion Ratio Lower Upper
109 100
139 117.0 96.2 144.2
65 117.9 98.5 147.7



#56
Dibenzofuran
Concen: 24.640 ng/ul
RT: 14.834 min Scan# 2014
Delta R.T. -0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:168 Resp: 2101595
Ion Ratio Lower Upper
168 100
139 37.5 29.8 44.8





#57

2,4-Dinitrotoluene

Concen: 27.786 ng/ul

RT: 14.792 min Scan# 2007

Delta R.T. -0.006 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Instrument :

BNA_P

ClientSampleId :

SLCS042

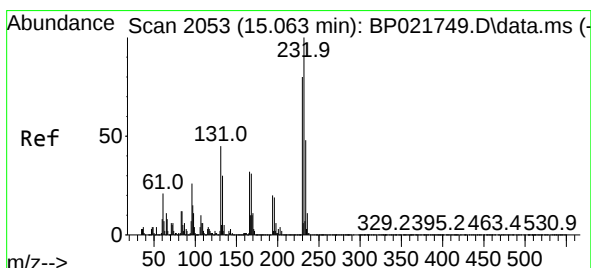
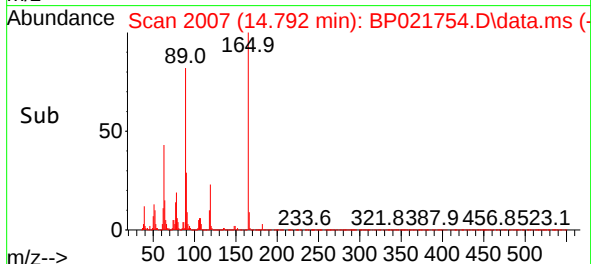
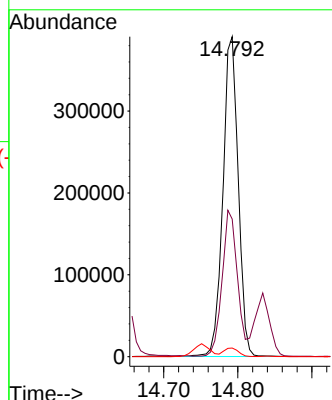
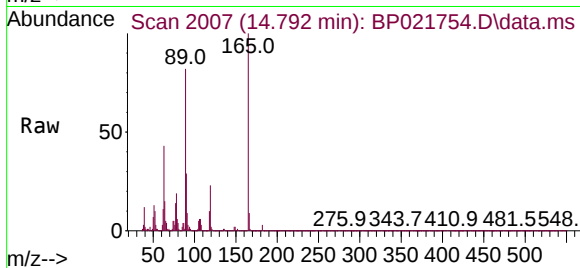
Tgt Ion:165 Resp: 559817

Ion Ratio Lower Upper

165 100

63 43.0 37.8 56.8

182 2.7 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.275 ng/ul

RT: 15.063 min Scan# 2053

Delta R.T. -0.006 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Tgt Ion:232 Resp: 363187

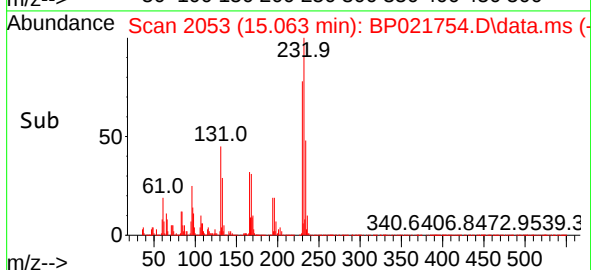
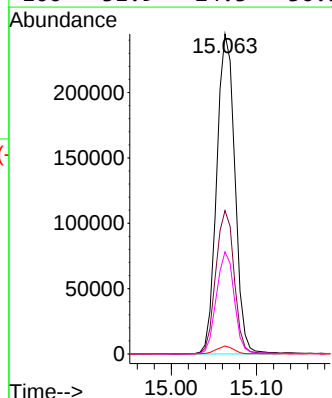
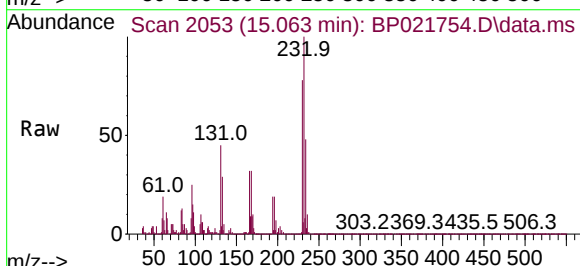
Ion Ratio Lower Upper

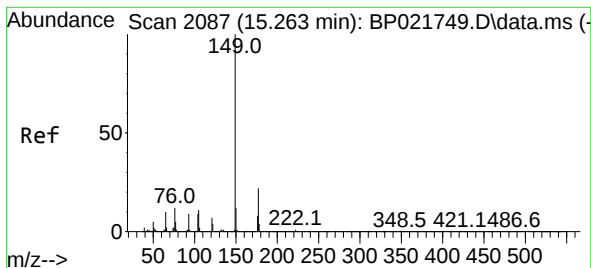
232 100

131 44.8 33.9 50.9

130 2.5 2.0 3.0

166 31.9 24.3 36.5





#59

Diethylphthalate

Concen: 25.429 ng/ul

RT: 15.263 min Scan# 2087

Delta R.T. -0.012 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Instrument :

BNA_P

ClientSampleId :

SLCS042

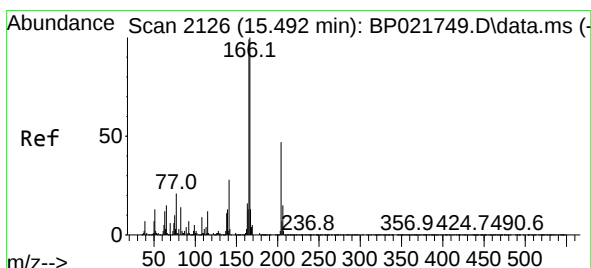
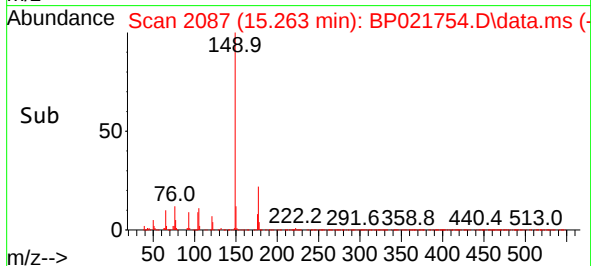
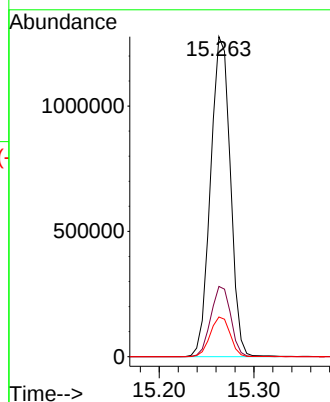
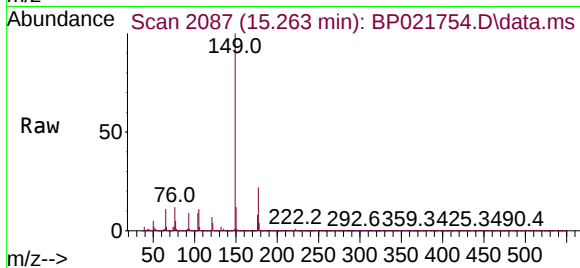
Tgt Ion:149 Resp: 1856409

Ion Ratio Lower Upper

149 100

177 22.0 18.0 27.0

150 12.4 9.8 14.8



#61

Fluorene

Concen: 24.852 ng/ul

RT: 15.486 min Scan# 2125

Delta R.T. -0.012 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

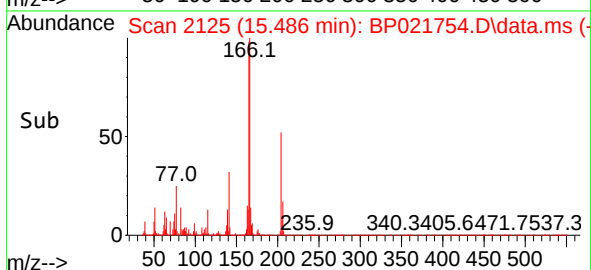
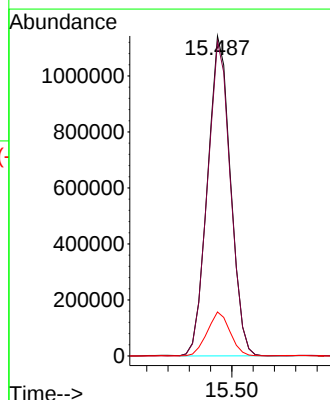
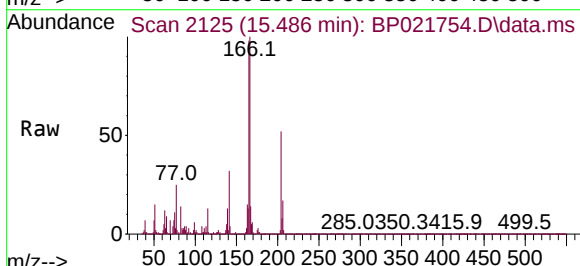
Tgt Ion:166 Resp: 1714475

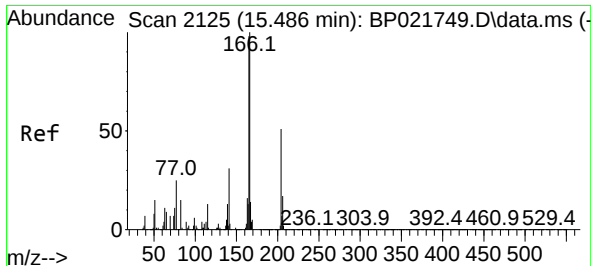
Ion Ratio Lower Upper

166 100

165 98.3 78.2 117.2

167 13.8 10.8 16.2

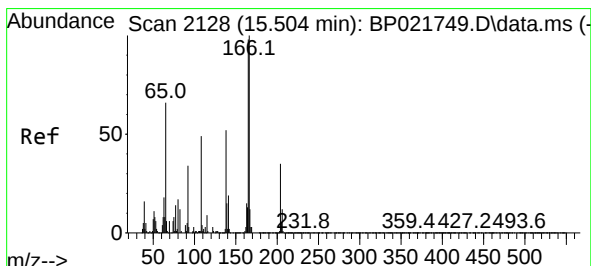
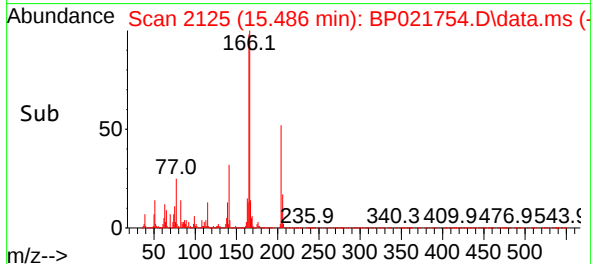
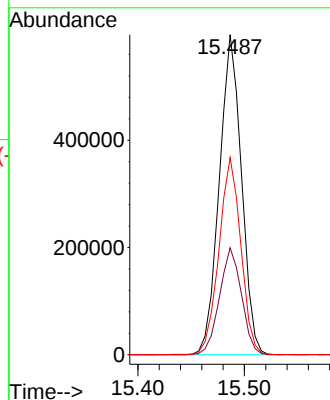
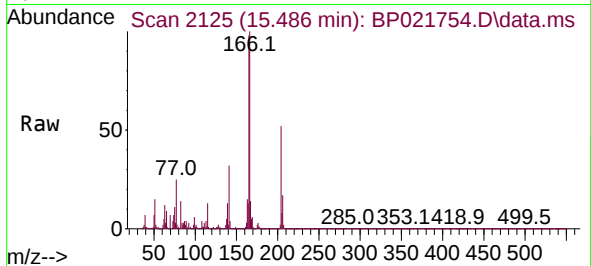




#62
4-Chlorophenyl-phenylether
Concen: 24.827 ng/ul
RT: 15.486 min Scan# 2125
Delta R.T. -0.012 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

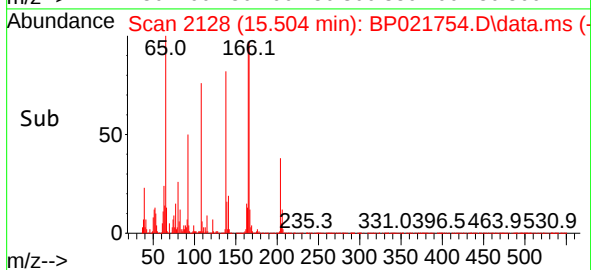
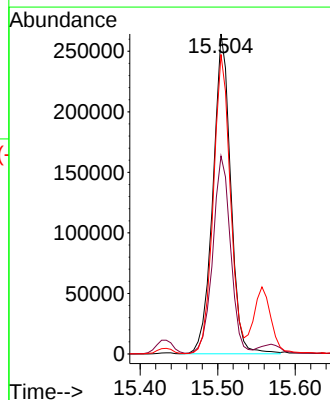
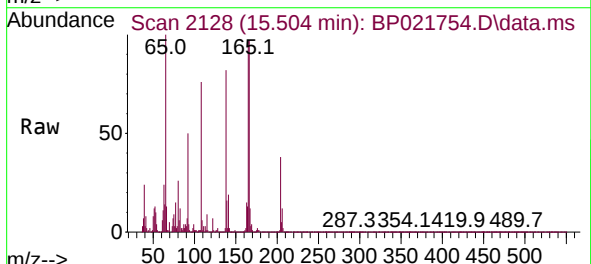
Instrument :
BNA_P
ClientSampleId :
SLCS042

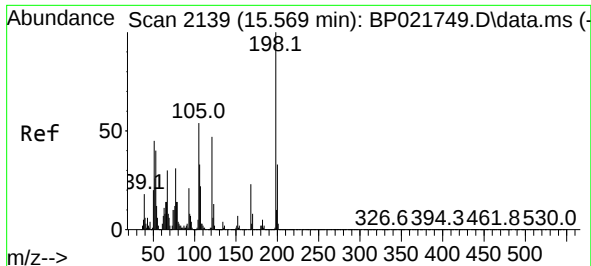
Tgt Ion:204 Resp: 860625
Ion Ratio Lower Upper
204 100
206 33.4 26.2 39.4
141 61.6 48.6 73.0



#63
4-Nitroaniline
Concen: 29.668 ng/ul
RT: 15.504 min Scan# 2128
Delta R.T. -0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:138 Resp: 420093
Ion Ratio Lower Upper
138 100
92 61.9 50.7 76.1
108 93.6 72.2 108.2

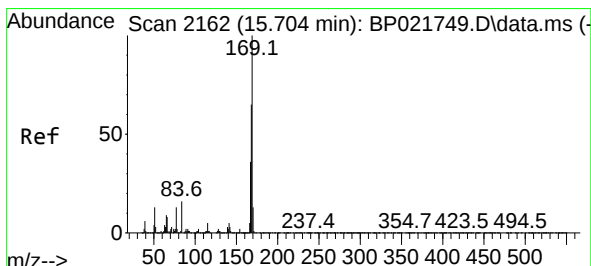
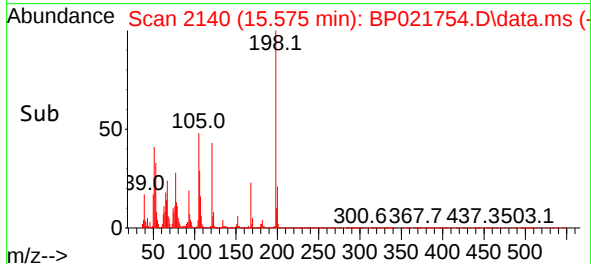
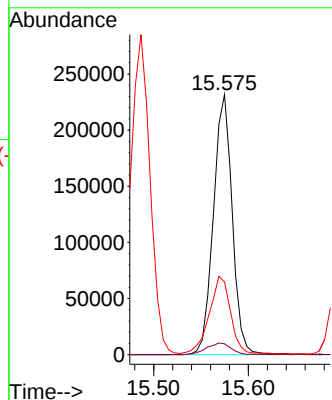
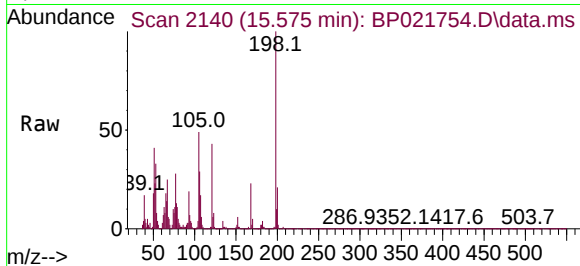




#66
4,6-Dinitro-2-methylphenol
Concen: 25.832 ng/ul
RT: 15.575 min Scan# 2139
Delta R.T. 0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

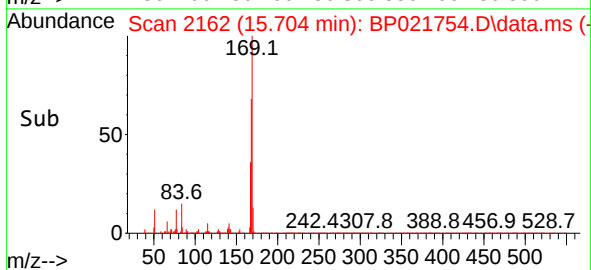
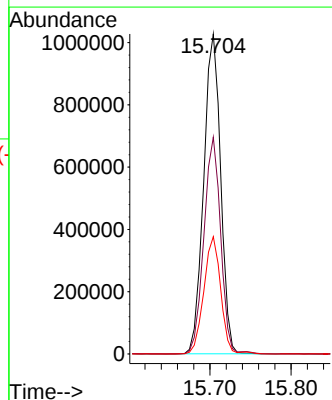
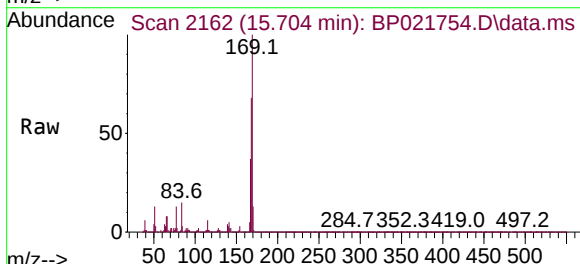
Instrument :
BNA_P
ClientSampleId :
SLCS042

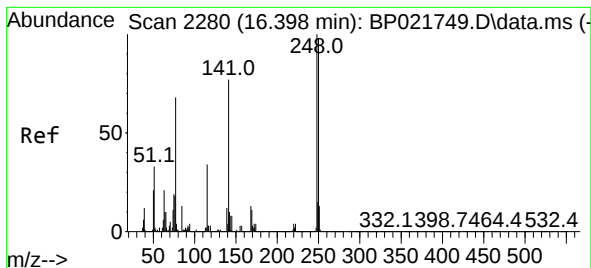
Tgt Ion:198 Resp: 320132
Ion Ratio Lower Upper
198 100
182 4.2 3.3 4.9
77 27.9 23.3 34.9



#67
N-Nitrosodiphenylamine
Concen: 25.127 ng/ul
RT: 15.704 min Scan# 2162
Delta R.T. -0.012 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:169 Resp: 1488911
Ion Ratio Lower Upper
169 100
168 67.8 52.6 79.0
167 36.7 28.2 42.4

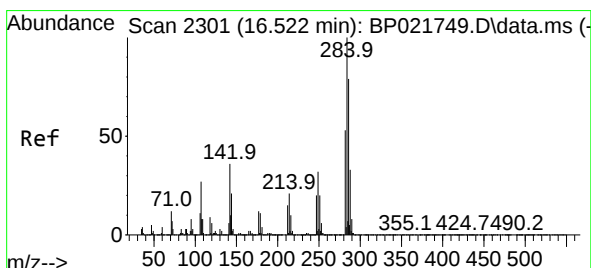
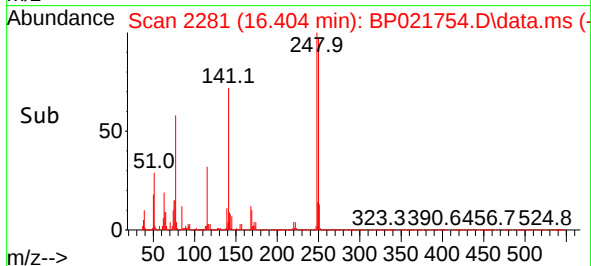
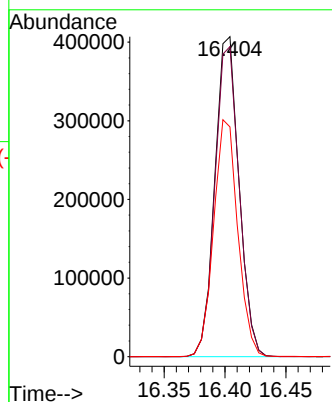
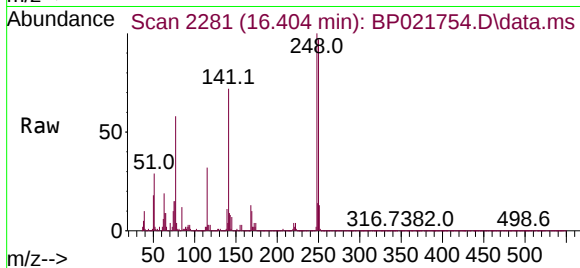




#68
4-Bromophenyl-phenylether
Concen: 25.305 ng/ul
RT: 16.404 min Scan# 210
Delta R.T. -0.000 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

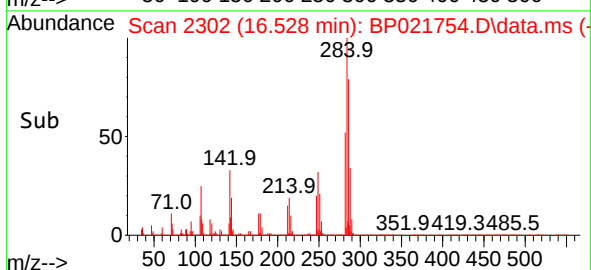
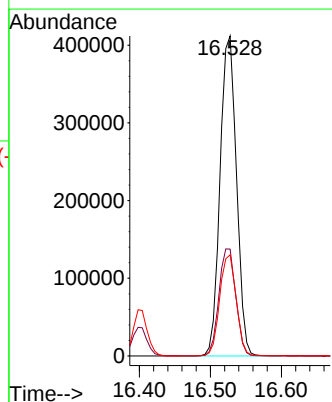
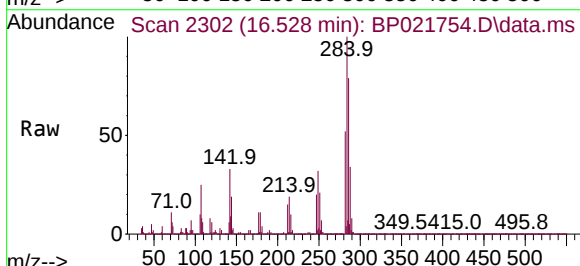
Instrument :
BNA_P
ClientSampleId :
SLCS042

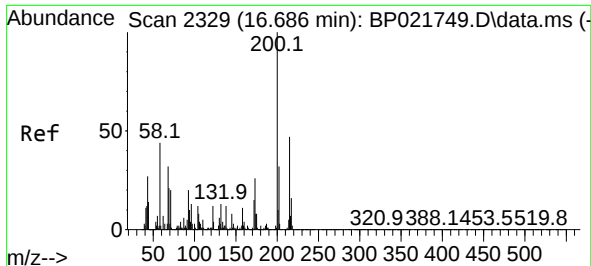
Tgt Ion:248 Resp: 562701
Ion Ratio Lower Upper
248 100
250 96.9 79.6 119.4
141 71.8 57.0 85.4



#69
Hexachlorobenzene
Concen: 24.929 ng/ul
RT: 16.528 min Scan# 2302
Delta R.T. 0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:284 Resp: 658105
Ion Ratio Lower Upper
284 100
142 33.4 26.5 39.7
249 31.6 24.2 36.4

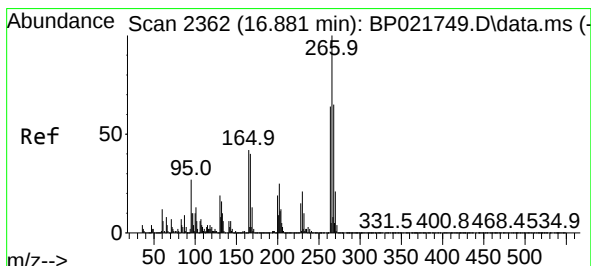
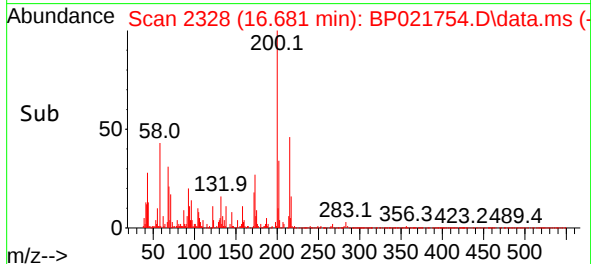
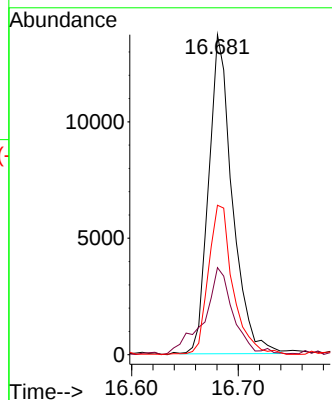
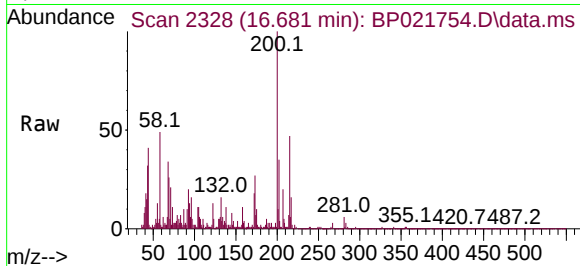




#70
 Atrazine
 Concen: 0.941 ng/ul
 RT: 16.681 min Scan# 21154
 Delta R.T. -0.006 min
 Lab File: BP021754.D
 Acq: 30 Aug 2024 15:34

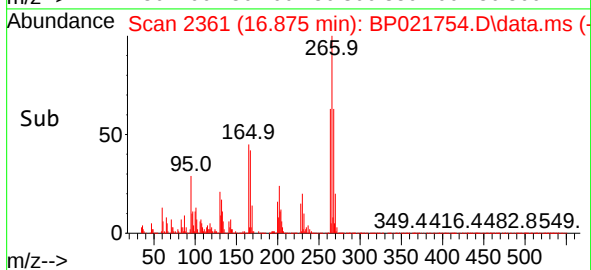
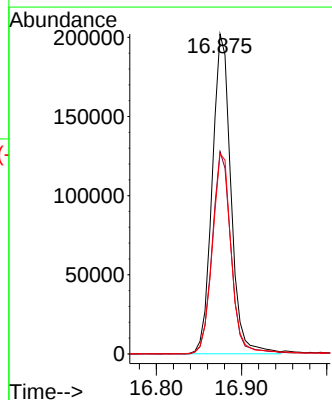
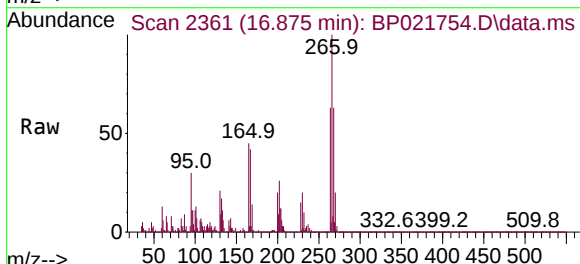
Instrument :
 BNA_P
 ClientSampleId :
 SLCS042

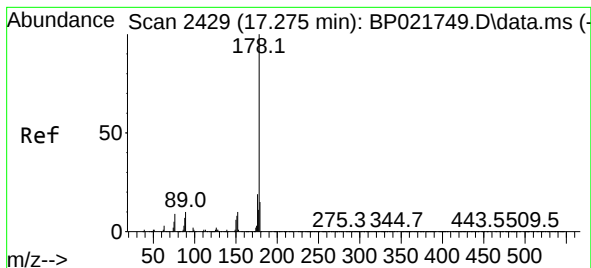
Tgt Ion:200 Resp: 21154
 Ion Ratio Lower Upper
 200 100
 173 27.2 21.4 32.0
 215 46.7 39.0 58.6



#71
 Pentachlorophenol
 Concen: 18.228 ng/ul
 RT: 16.875 min Scan# 2361
 Delta R.T. -0.000 min
 Lab File: BP021754.D
 Acq: 30 Aug 2024 15:34

Tgt Ion:266 Resp: 307961
 Ion Ratio Lower Upper
 266 100
 264 63.2 51.4 77.0
 268 62.6 50.6 75.8





#72

Phenanthrene

Concen: 25.386 ng/ul

RT: 17.275 min Scan# 2429

Delta R.T. -0.000 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Instrument :

BNA_P

ClientSampleId :

SLCS042

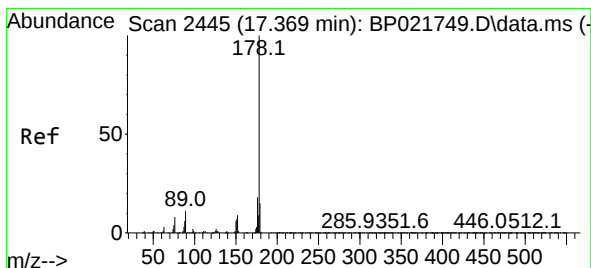
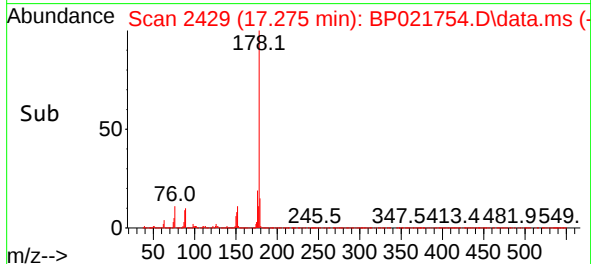
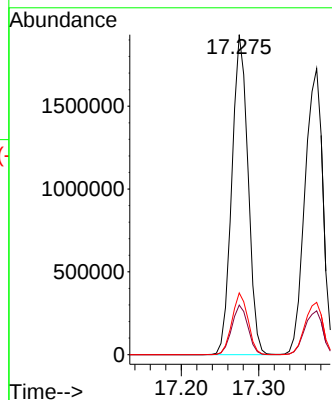
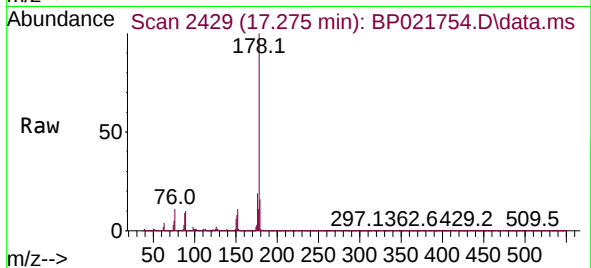
Tgt Ion:178 Resp: 2807292

Ion Ratio Lower Upper

178 100

179 15.5 12.0 18.0

176 19.3 14.8 22.2



#74

Anthracene

Concen: 24.778 ng/ul

RT: 17.375 min Scan# 2446

Delta R.T. 0.006 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

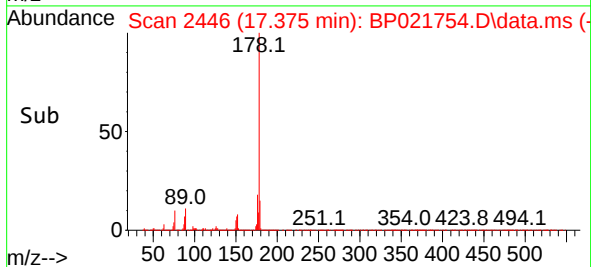
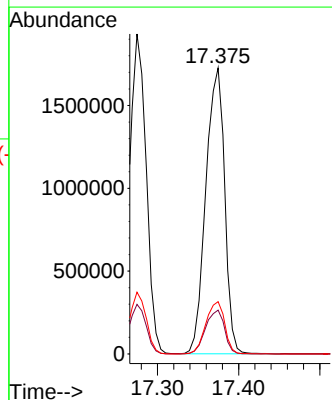
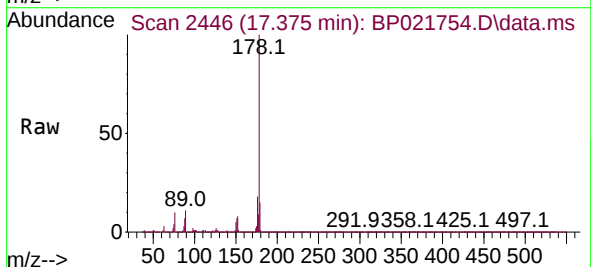
Tgt Ion:178 Resp: 2775916

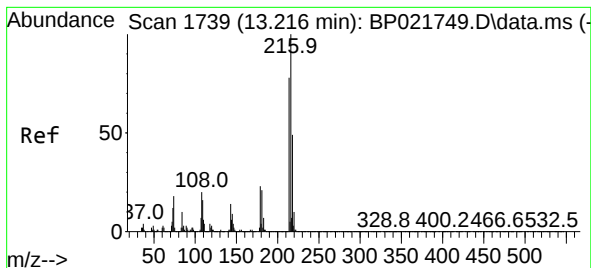
Ion Ratio Lower Upper

178 100

179 15.3 12.3 18.5

176 18.3 14.6 21.8

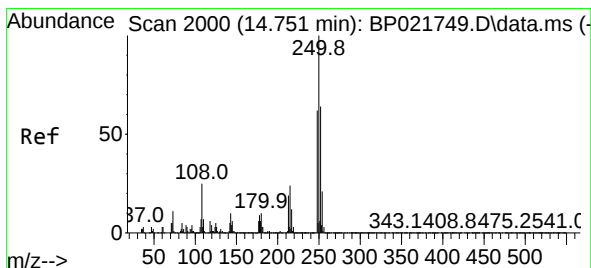
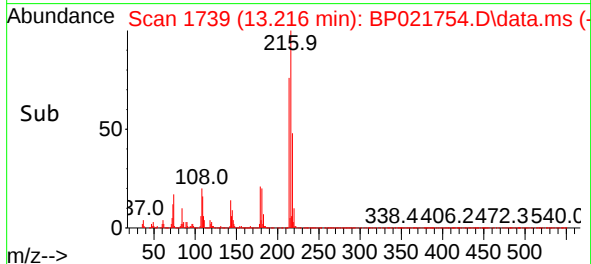
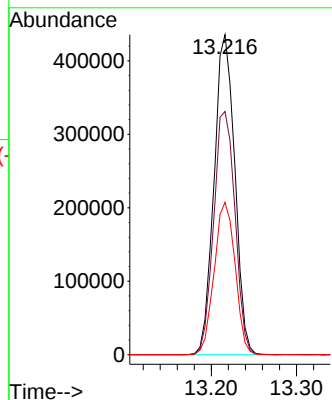
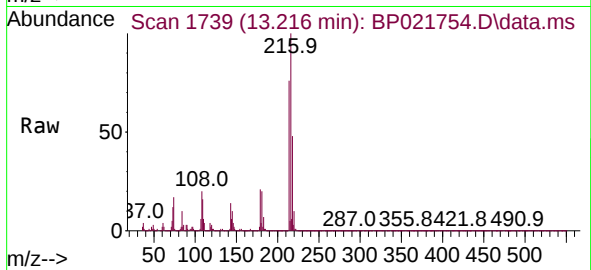




#75
1,2,3,4-Tetrachlorobenzene
Concen: 24.658 ng/uL
RT: 13.216 min Scan# 1739
Delta R.T. -0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

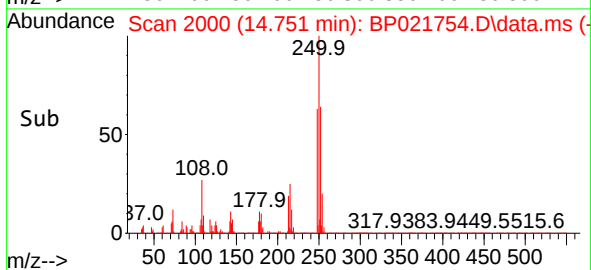
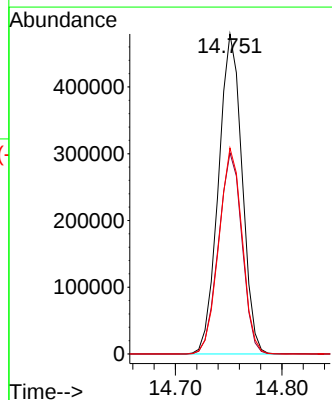
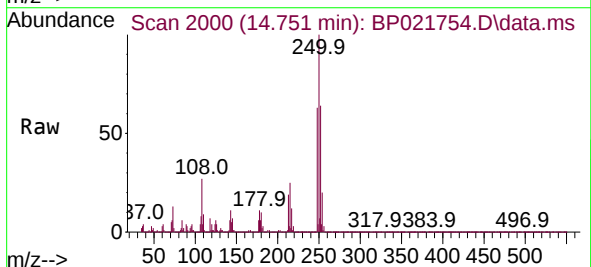
Instrument :
BNA_P
ClientSampleId :
SLCS042

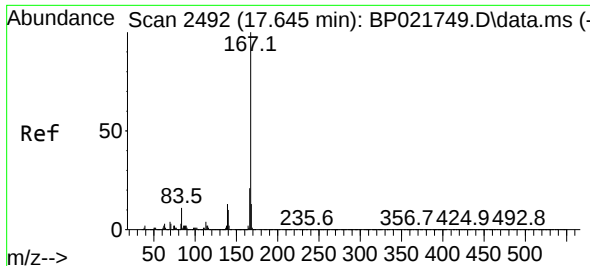
Tgt Ion:216 Resp: 738437
Ion Ratio Lower Upper
216 100
214 76.0 63.9 95.9
218 47.6 39.5 59.3



#76
Pentachlorobenzene
Concen: 23.690 ng/uL
RT: 14.751 min Scan# 2000
Delta R.T. -0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:250 Resp: 735338
Ion Ratio Lower Upper
250 100
248 62.9 51.0 76.6
252 64.4 51.4 77.0

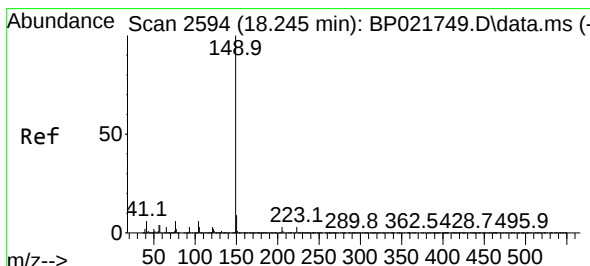
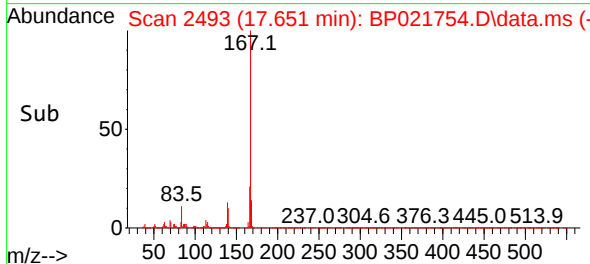
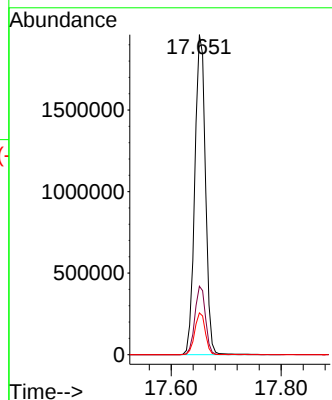
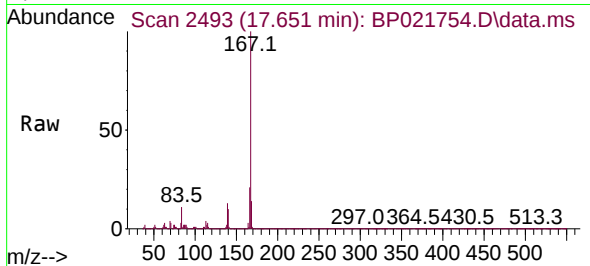




#77
Carbazole
Concen: 26.056 ng/ul
RT: 17.651 min Scan# 2493
Delta R.T. 0.012 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

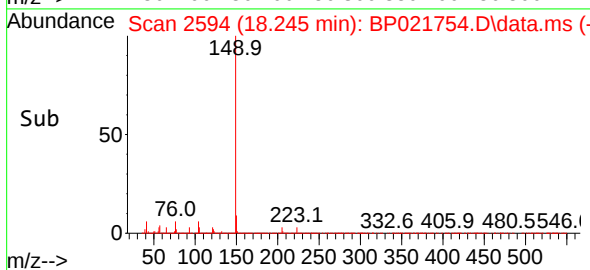
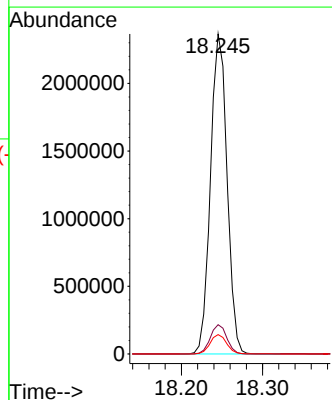
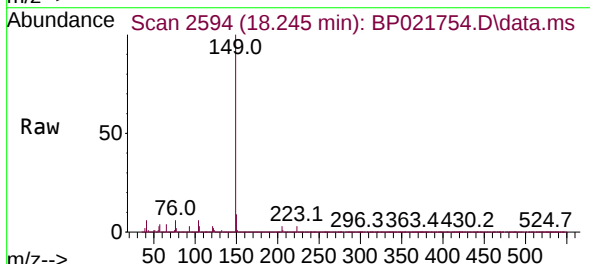
Instrument :
BNA_P
ClientSampleId :
SLCS042

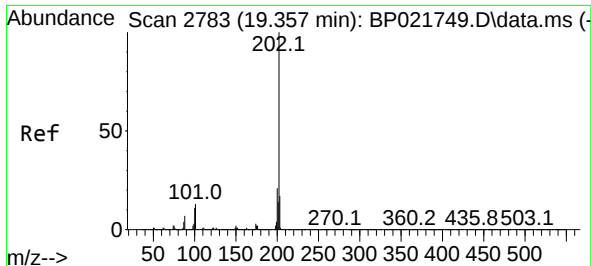
Tgt Ion:167 Resp: 2625468
Ion Ratio Lower Upper
167 100
166 21.4 17.1 25.7
139 13.1 10.4 15.6



#78
Di-n-butylphthalate
Concen: 27.301 ng/ul
RT: 18.245 min Scan# 2594
Delta R.T. 0.006 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:149 Resp: 3348512
Ion Ratio Lower Upper
149 100
150 9.2 7.4 11.0
104 6.1 4.8 7.2

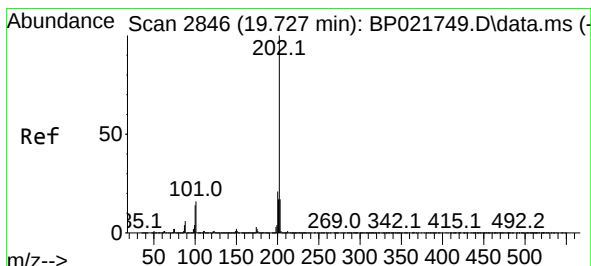
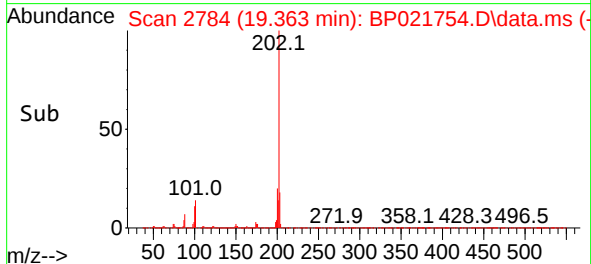
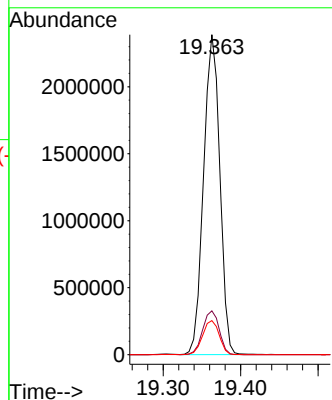
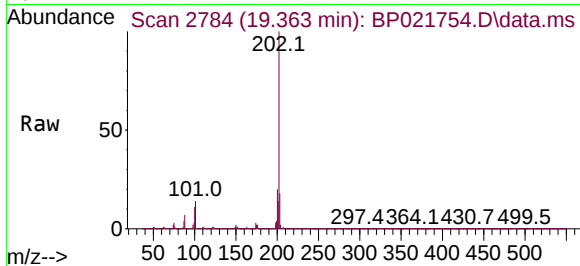




#80
Fluoranthene
Concen: 26.508 ng/u1
RT: 19.363 min Scan# 21
Delta R.T. 0.018 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

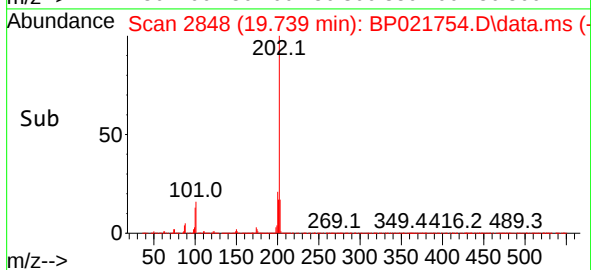
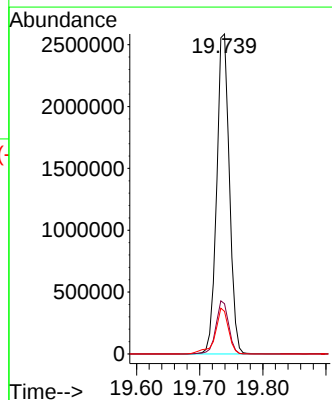
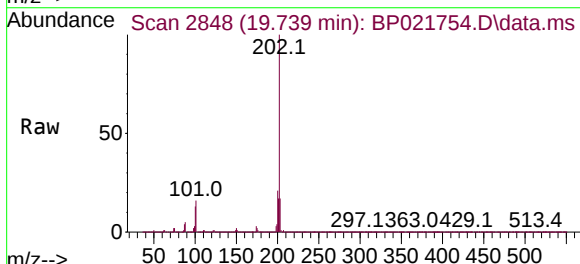
Instrument :
BNA_P
ClientSampleId :
SLCS042

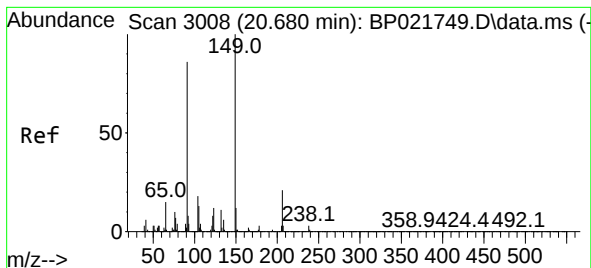
Tgt Ion:202 Resp: 3475086
Ion Ratio Lower Upper
202 100
101 13.7 11.2 16.8
100 10.7 8.5 12.7



#82
Pyrene
Concen: 25.940 ng/u1
RT: 19.739 min Scan# 2848
Delta R.T. 0.018 min
Lab File: BP021754.D
Acq: 30 Aug 2024 15:34

Tgt Ion:202 Resp: 3601714
Ion Ratio Lower Upper
202 100
101 15.7 12.8 19.2
100 13.3 10.8 16.2





#83

Butylbenzylphthalate

Concen: 28.576 ng/ul

RT: 20.692 min Scan# 3010

Delta R.T. 0.018 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Instrument :

BNA_P

ClientSampleId :

SLCS042

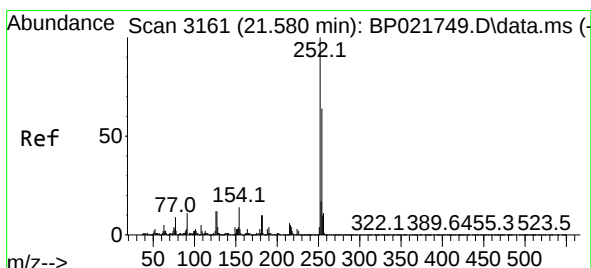
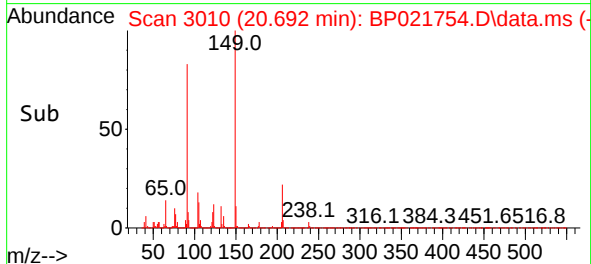
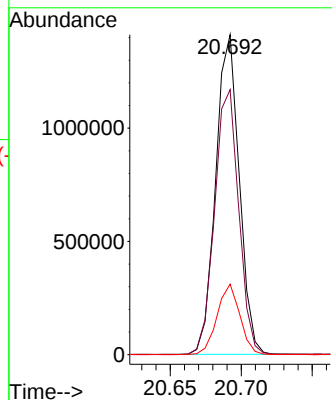
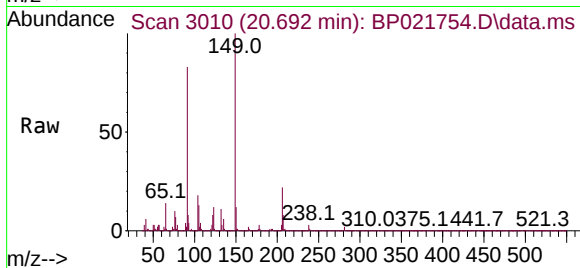
Tgt Ion:149 Resp: 1624490

Ion Ratio Lower Upper

149 100

91 82.9 70.1 105.1

206 22.1 16.8 25.2



#84

3,3'-Dichlorobenzidine

Concen: 24.826 ng/ul

RT: 21.592 min Scan# 3163

Delta R.T. 0.023 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

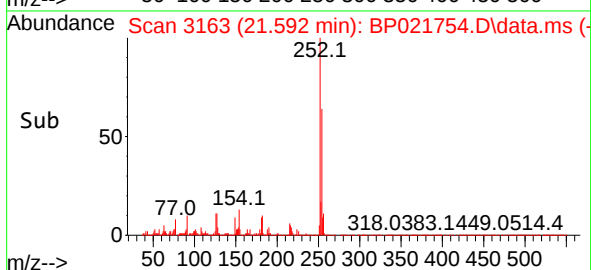
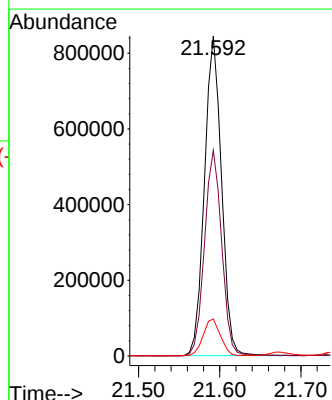
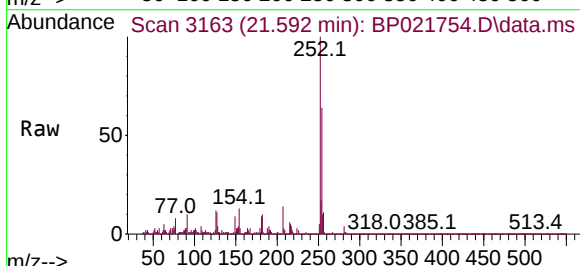
Tgt Ion:252 Resp: 1229526

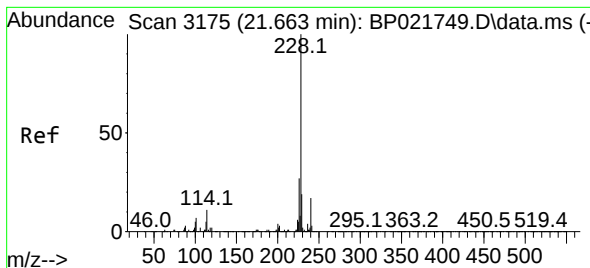
Ion Ratio Lower Upper

252 100

254 64.2 52.2 78.4

126 11.6 8.9 13.3





#85

Benzo(a)anthracene

Concen: 25.881 ng/ul

RT: 21.674 min Scan# 3177

Delta R.T. 0.029 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Instrument :

BNA_P

ClientSampleId :

SLCS042

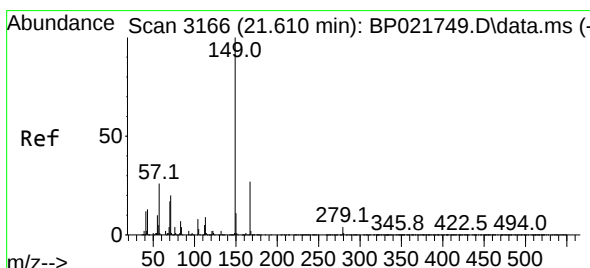
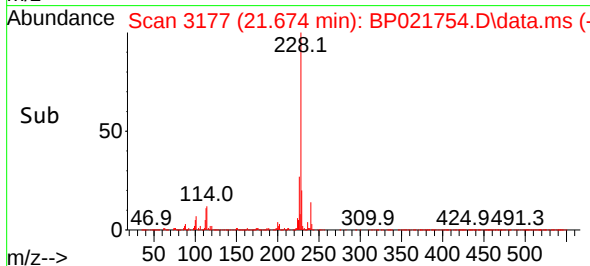
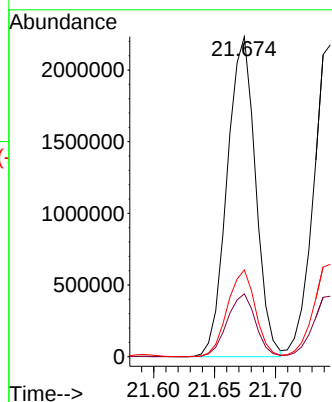
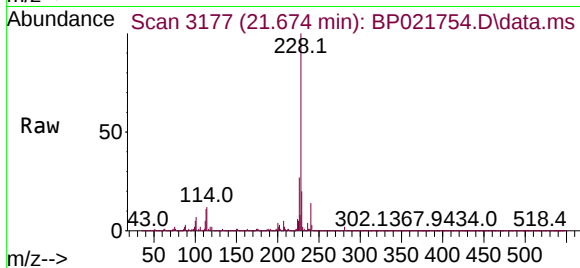
Tgt Ion:228 Resp: 3618117

Ion Ratio Lower Upper

228 100

229 19.7 15.7 23.5

226 27.1 21.7 32.5



#86

Bis(2-ethylhexyl)phthalate

Concen: 28.366 ng/ul

RT: 21.621 min Scan# 3168

Delta R.T. 0.029 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

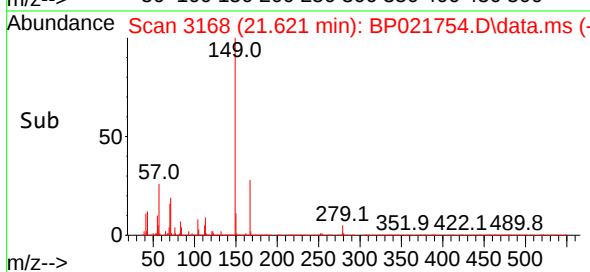
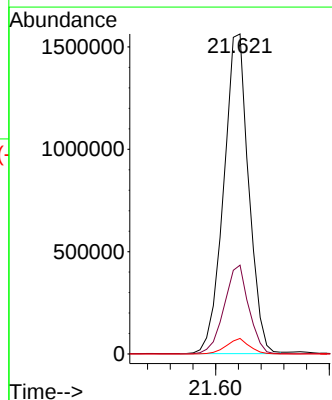
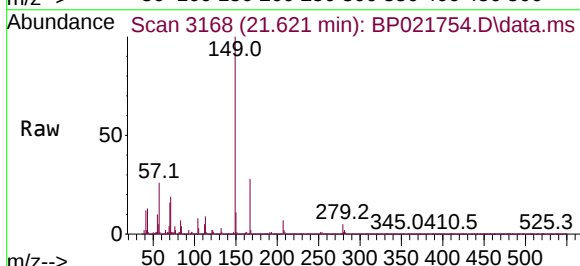
Tgt Ion:149 Resp: 2380089

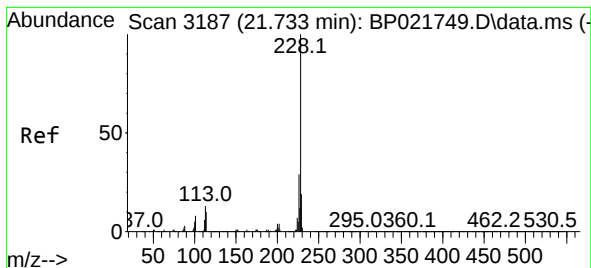
Ion Ratio Lower Upper

149 100

167 27.8 21.8 32.6

279 4.9 3.7 5.5





#87

Chrysene

Concen: 25.833 ng/ul

RT: 21.745 min Scan# 3187

Delta R.T. 0.029 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Instrument :

BNA_P

ClientSampleId :

SLCS042

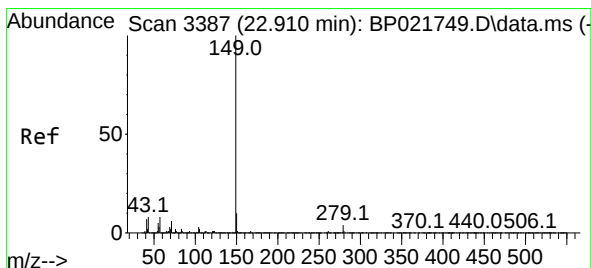
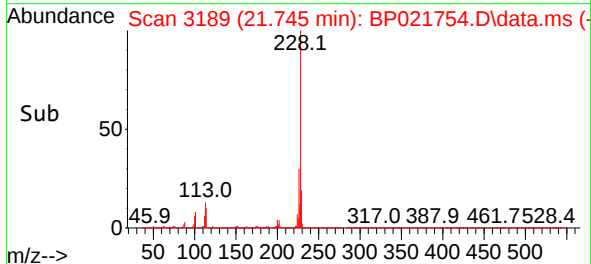
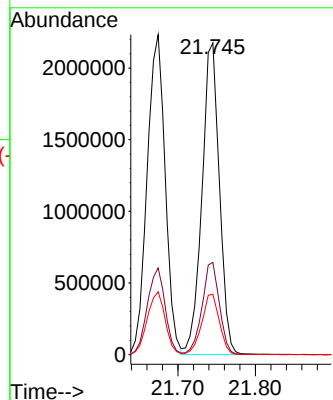
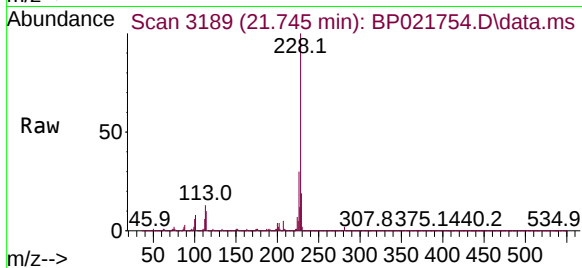
Tgt Ion:228 Resp: 3398827

Ion Ratio Lower Upper

228 100

226 29.6 23.5 35.3

229 19.4 15.6 23.4



#89

Di-n-octyl phthalate

Concen: 29.369 ng/ul

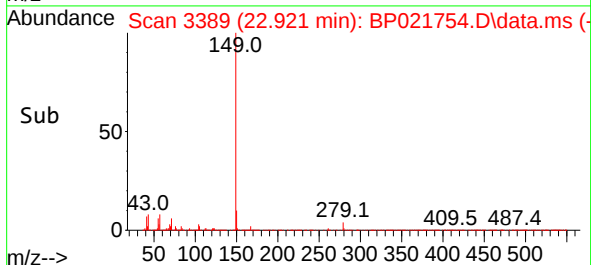
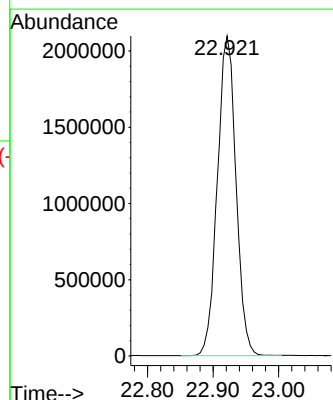
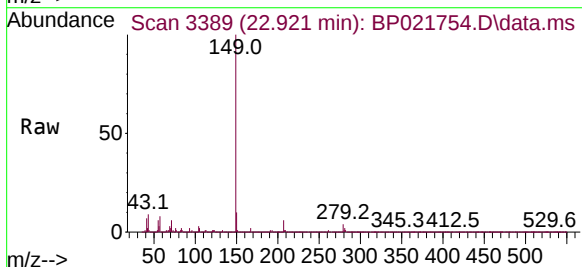
RT: 22.921 min Scan# 3389

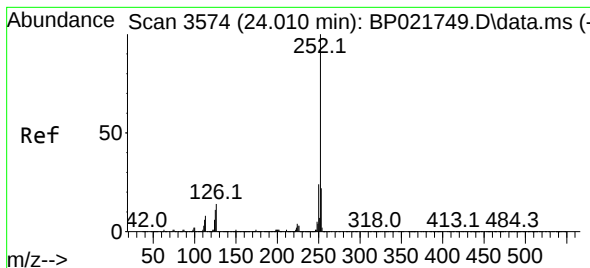
Delta R.T. 0.029 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Tgt Ion:149 Resp: 4126300





#90

Benzo(b)fluoranthene

Concen: 25.659 ng/ul

RT: 24.027 min Scan# 3577

Delta R.T. 0.035 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Instrument :

BNA_P

ClientSampleId :

SLCS042

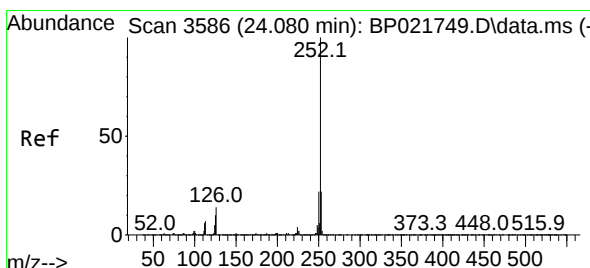
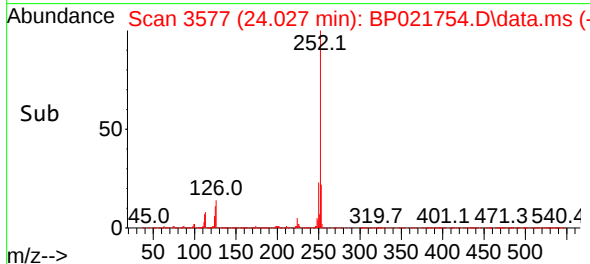
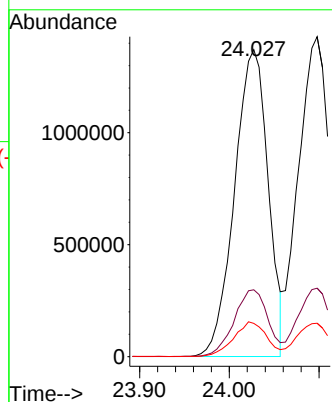
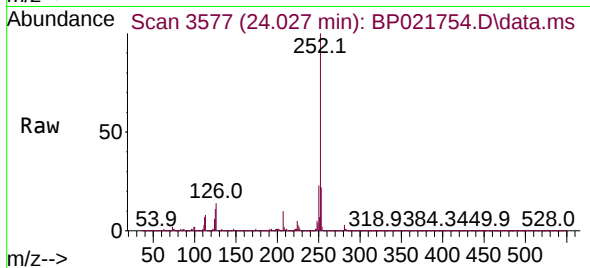
Tgt Ion:252 Resp: 3563690

Ion Ratio Lower Upper

252 100

253 21.8 18.1 27.1

125 10.8 8.6 12.8



#91

Benzo(k)fluoranthene

Concen: 26.545 ng/ul

RT: 24.098 min Scan# 3589

Delta R.T. 0.041 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

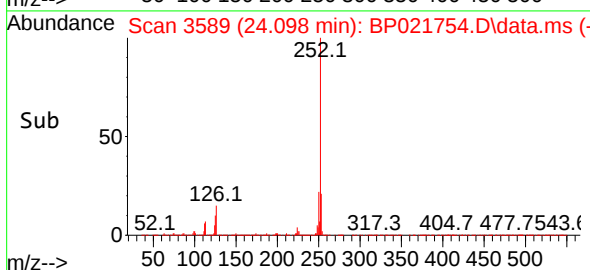
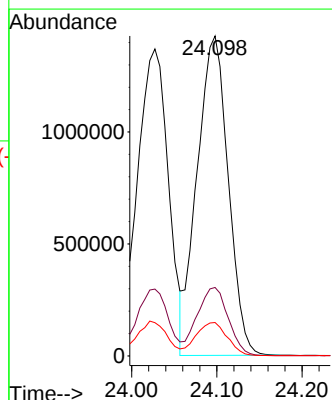
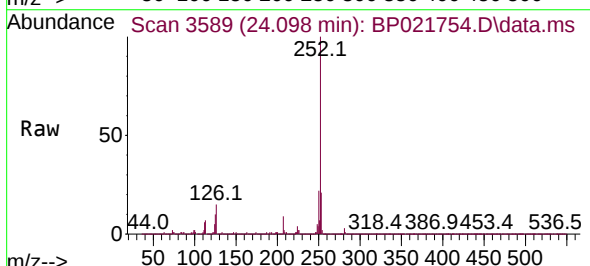
Tgt Ion:252 Resp: 3609247

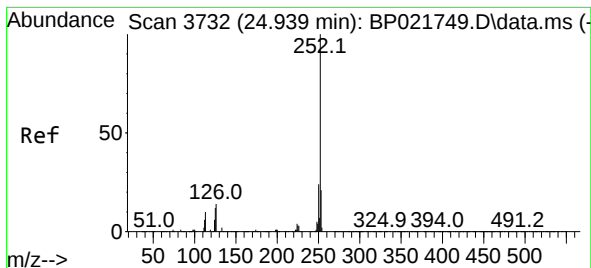
Ion Ratio Lower Upper

252 100

253 21.4 17.8 26.8

125 10.5 8.6 13.0





#93

Benzo(a)pyrene

Concen: 25.002 ng/ul

RT: 24.957 min Scan# 31

Delta R.T. 0.047 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Instrument :

BNA_P

ClientSampleId :

SLCS042

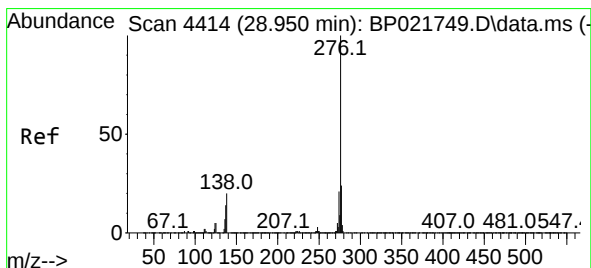
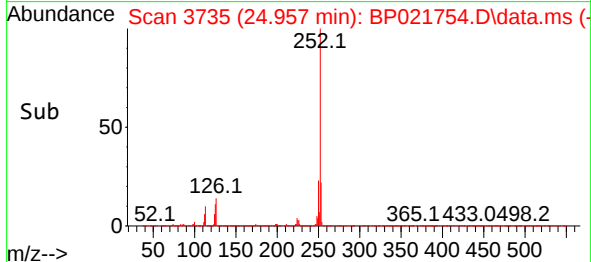
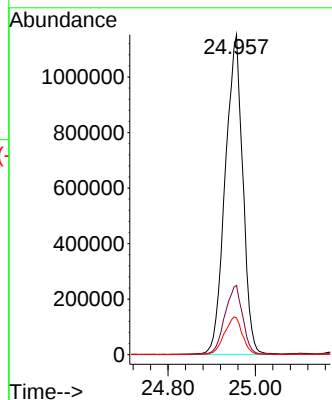
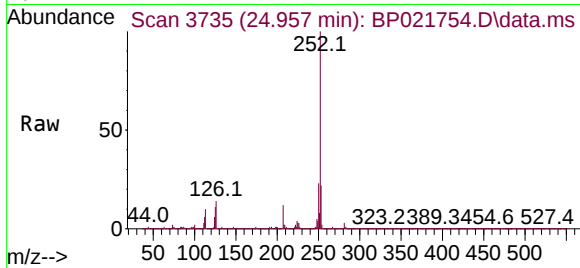
Tgt Ion:252 Resp: 3199113

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

125 11.5 9.6 14.4



#94

Indeno(1,2,3-cd)pyrene

Concen: 25.371 ng/ul

RT: 28.980 min Scan# 4419

Delta R.T. 0.053 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

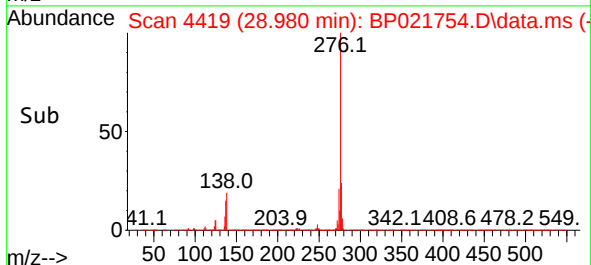
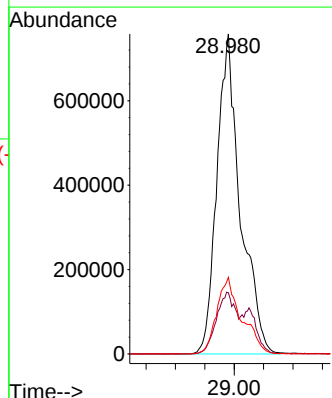
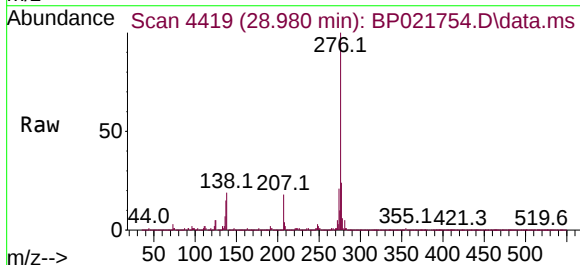
Tgt Ion:276 Resp: 4185783

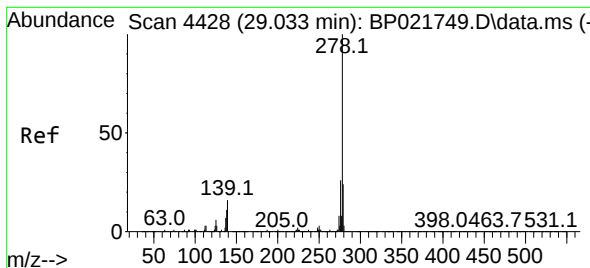
Ion Ratio Lower Upper

276 100

138 19.2 14.9 22.3

277 24.0 19.0 28.6





#95

Dibenzo(a,h)anthracene

Concen: 25.622 ng/ul

RT: 29.056 min Scan# 4428

Delta R.T. 0.041 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Instrument :

BNA_P

ClientSampleId :

SLCS042

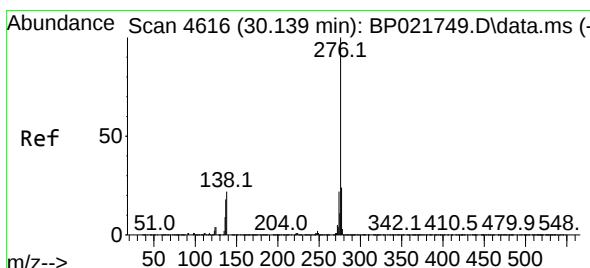
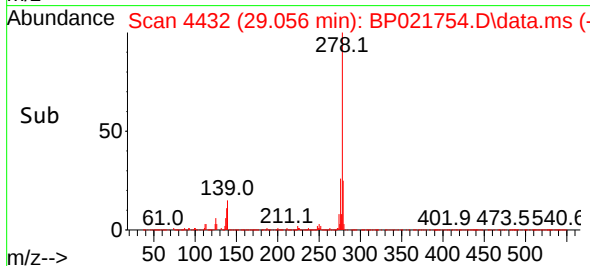
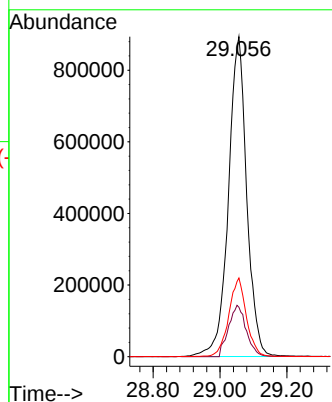
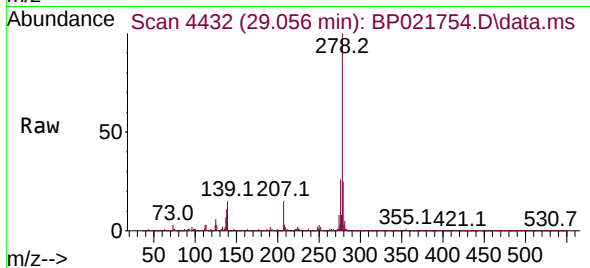
Tgt Ion:278 Resp: 3396718

Ion Ratio Lower Upper

278 100

139 15.5 12.7 19.1

279 24.6 18.9 28.3



#96

Benzo(g,h,i)perylene

Concen: 26.288 ng/ul

RT: 30.174 min Scan# 4622

Delta R.T. 0.053 min

Lab File: BP021754.D

Acq: 30 Aug 2024 15:34

Tgt Ion:276 Resp: 3350999

Ion Ratio Lower Upper

276 100

138 20.4 17.3 25.9

277 23.9 19.4 29.0

