

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP092424\
 Data File : BP022067.D
 Acq On : 26 Sep 2024 17:54
 Operator : RC/JU
 Sample : PB163541BS
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS541

Quant Time: Sep 27 01:19:10 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	133258	20.000	ng/u1	0.00
20) Naphthalene-d8	10.463	136	517108	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.316	164	403049	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.116	188	1021718	20.000	ng/u1	0.00
79) Chrysene-d12	21.551	240	1176047	20.000	ng/u1	0.01
88) Perylene-d12	24.839	264	1334998	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.222	96	18104	5.322	ng/uL	0.00
4) Pyridine-d5	3.634	84	256426	26.369	ng/u1	0.00
7) Phenol-d5	6.887	99	316478	29.033	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.046	67	189743	28.268	ng/u1	0.00
11) 2-Chlorophenol-d4	7.246	132	241200	30.583	ng/u1	0.00
15) 4-Methylphenol-d8	8.405	113	265189	30.701	ng/u1	0.00
21) Nitrobenzene-d5	8.846	128	121656	31.433	ng/u1	0.00
24) 2-Nitrophenol-d4	9.557	143	141965	32.350	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.093	165	307832	32.301	ng/u1	0.00
31) 4-Chloroaniline-d4	10.599	131	330430	29.059	ng/u1	0.00
46) Dimethylphthalate-d6	13.716	166	985171	31.620	ng/u1	0.00
49) Acenaphthylene-d8	13.998	160	1037214	31.443	ng/u1	0.00
54) 4-Nitrophenol-d4	14.534	143	165282	31.014	ng/u1	0.00
60) Fluorene-d10	15.322	176	854915	31.021	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	181374	28.593	ng/u1	0.00
73) Anthracene-d10	17.222	188	1440444	30.199	ng/u1	0.00
81) Pyrene-d10	19.592	212	1921521	31.537	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.615	264	2219343	31.607	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.258	88	38766	10.519	ng/uL	99
5) Pyridine	3.652	79	252373	25.544	ng/u1	99
6) Benzaldehyde	6.858	77	205463	33.320	ng/u1	99
8) Phenol	6.916	94	324979	28.568	ng/u1	98
10) Bis(2-Chloroethyl)ether	7.134	93	247742	28.454	ng/u1	98
12) 2-Chlorophenol	7.275	128	243202	29.745	ng/u1	98
13) 2-Methylphenol	8.140	108	241604	29.284	ng/u1	96
14) 2,2'-oxybis(1-Chloropr...	8.210	45	237020	29.345	ng/u1	98
16) Acetophenone	8.510	105	428937	29.854	ng/u1	99
17) N-Nitroso-di-n-propyla...	8.499	70	229832	30.856	ng/u1	99
18) 4-Methylphenol	8.463	108	269927	30.002	ng/u1	98
19) Hexachloroethane	8.769	117	115945	30.041	ng/u1	99
22) Nitrobenzene	8.887	77	350095	29.586	ng/u1	98
23) Isophorone	9.405	82	631055	30.788	ng/u1	99
25) 2-Nitrophenol	9.593	139	148971	31.727	ng/u1	100
26) 2,4-Dimethylphenol	9.652	107	271769	25.550	ng/u1	97
27) Bis(2-Chloroethoxy)met...	9.881	93	357191	30.232	ng/u1	98
29) 2,4-Dichlorophenol	10.116	162	293359	30.983	ng/u1	98
30) Naphthalene	10.516	128	808880	29.728	ng/u1	99
32) 4-Chloroaniline	10.622	127	307380	27.294	ng/u1	99
33) Hexachlorobutadiene	10.799	225	250948	29.852	ng/u1	98
34) Caprolactam	11.404	113	74418	25.910	ng/u1	91
35) 4-Chloro-3-methylphenol	11.751	107	323555	31.587	ng/u1	99
36) 2-Methylnaphthalene	12.122	142	605010	29.921	ng/u1	98

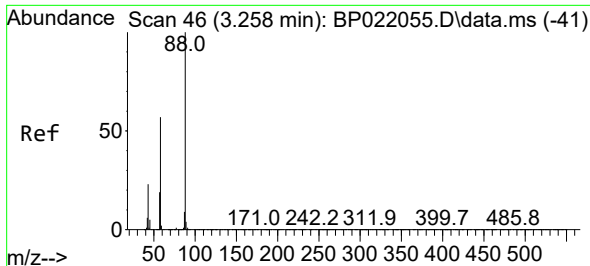
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 Quant Title : SVOA CALIBRATION
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 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.346	142	600578	29.450	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.493	216	456199	30.529	ng/ul	97
40) Hexachlorocyclopentadiene	12.475	237	261914	27.864	ng/ul	99
41) 2,4,6-Trichlorophenol	12.740	196	282302	31.602	ng/ul	99
42) 2,4,5-Trichlorophenol	12.816	196	313122	32.369	ng/ul	97
43) 1,1'-Biphenyl	13.140	154	870978	30.219	ng/ul	98
44) 2-Chloronaphthalene	13.181	162	710993	30.638	ng/ul	97
45) 2-Nitroaniline	13.387	65	219686	32.739	ng/ul	93
47) Dimethylphthalate	13.769	163	967020	30.902	ng/ul	99
48) 2,6-Dinitrotoluene	13.893	165	201114	33.524	ng/ul	95
50) Acenaphthylene	14.034	152	1041843	30.287	ng/ul	100
51) 3-Nitroaniline	14.222	138	178180	32.623	ng/ul	99
52) Acenaphthene	14.381	153	741319	29.659	ng/ul	97
53) 2,4-Dinitrophenol	14.428	184	88135	21.592	ng/ul	94
55) 4-Nitrophenol	14.551	109	191367	31.740	ng/ul	95
56) Dibenzofuran	14.716	168	1112638	29.942	ng/ul	99
57) 2,4-Dinitrotoluene	14.681	165	307647	33.277	ng/ul	91
58) 2,3,4,6-Tetrachlorophenol	14.957	232	289740	31.116	ng/ul	99
59) Diethylphthalate	15.163	149	976653	31.535	ng/ul	99
61) Fluorene	15.381	166	905088	29.288	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.369	204	539003	30.295	ng/ul	99
63) 4-Nitroaniline	15.398	138	197202	35.475	ng/ul	99
66) 4,6-Dinitro-2-methylph...	15.463	198	195333	28.285	ng/ul	99
67) N-Nitrosodiphenylamine	15.598	169	810049	30.102	ng/ul	99
68) 4-Bromophenyl-phenylether	16.292	248	383711	31.273	ng/ul	99
69) Hexachlorobenzene	16.398	284	460296	30.896	ng/ul	98
70) Atrazine	16.581	200	332167	27.670	ng/ul	99
71) Pentachlorophenol	16.763	266	273494	27.514	ng/ul	100
72) Phenanthrene	17.163	178	1612259	30.096	ng/ul	99
74) Anthracene	17.263	178	1596705	29.289	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.104	216	445637	29.066	ng/ul	97
76) Pentachlorobenzene	14.640	250	489458	29.030	ng/ul	99
77) Carbazole	17.528	167	1455357	30.290	ng/ul	99
78) Di-n-butylphthalate	18.128	149	1728797	31.209	ng/ul	99
80) Fluoranthene	19.245	202	2183708	31.357	ng/ul	98
82) Pyrene	19.622	202	2281786	30.440	ng/ul	99
83) Butylbenzylphthalate	20.575	149	852722	32.641	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.451	252	815669	30.292	ng/ul	100
85) Benzo(a)anthracene	21.533	228	2477050	30.563	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.469	149	1236240	32.253	ng/ul	99
87) Chrysene	21.604	228	2266429	29.796	ng/ul	99
89) Di-n-octyl phthalate	22.721	149	2122454	32.183	ng/ul	100
90) Benzo(b)fluoranthene	23.804	252	2571448	31.029	ng/ul	99
91) Benzo(k)fluoranthene	23.868	252	2526258	30.585	ng/ul	99
93) Benzo(a)pyrene	24.680	252	2344631	30.704	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.574	276	2469551	24.803	ng/ul	98
95) Dibenzo(a,h)anthracene	28.633	278	2377259	29.639	ng/ul	99
96) Benzo(g,h,i)perylene	29.715	276	1423057	18.420	ng/ul	100

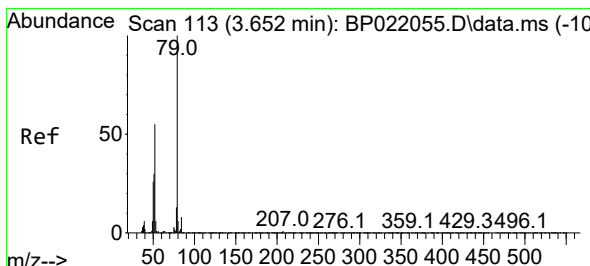
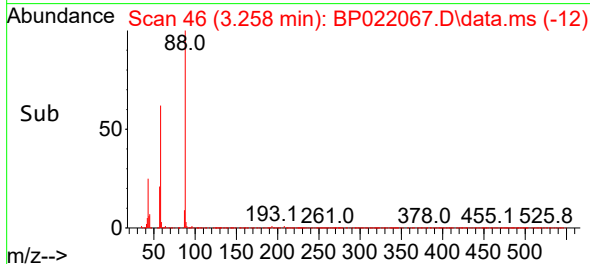
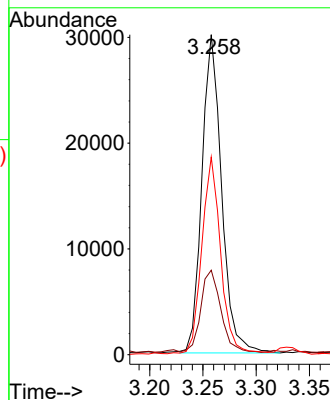
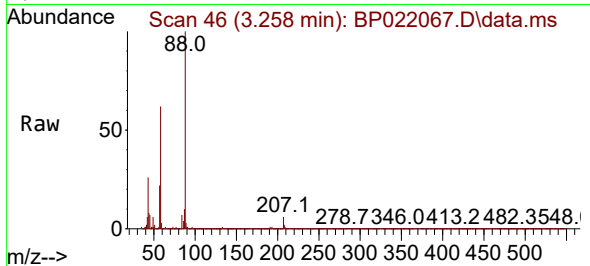
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#2
1,4-Dioxane
Concen: 10.519 ng/uL
RT: 3.258 min Scan# 41
Delta R.T. 0.000 min
Lab File: BP022067.D
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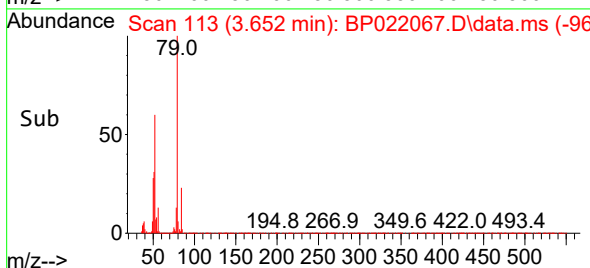
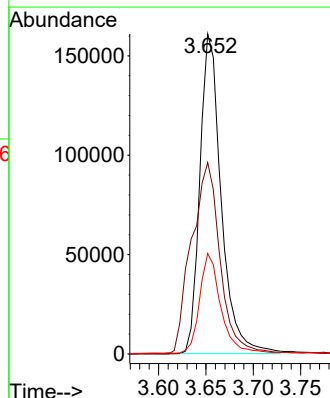
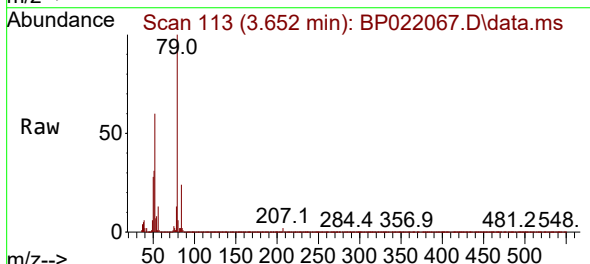
Instrument :
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ClientSampleId :
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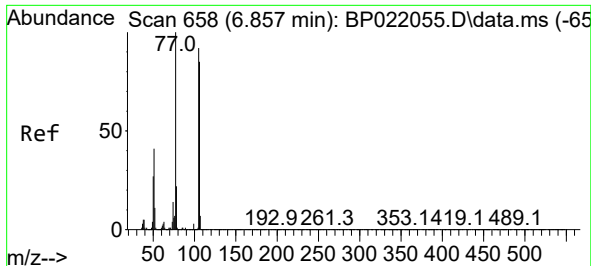
Tgt Ion:	88	Resp:	38766
Ion	Ratio	Lower	Upper
88	100		
43	26.4	22.1	33.1
58	61.7	49.3	73.9



#5
Pyridine
Concen: 25.544 ng/uL
RT: 3.652 min Scan# 113
Delta R.T. 0.000 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion:	79	Resp:	252373
Ion	Ratio	Lower	Upper
79	100		
52	59.8	47.3	70.9
51	31.4	25.3	37.9

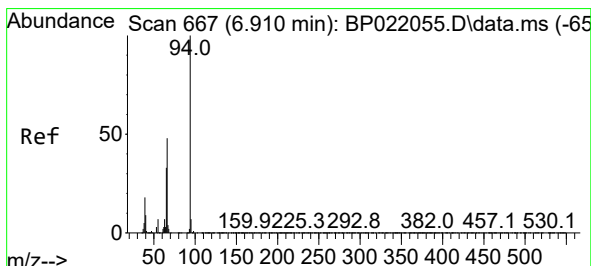
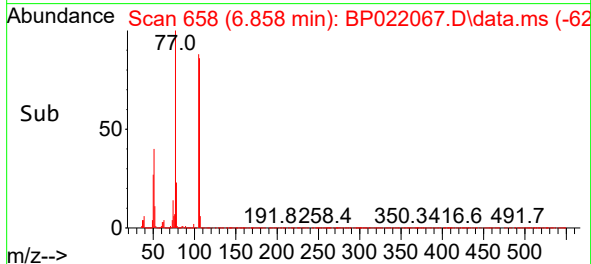
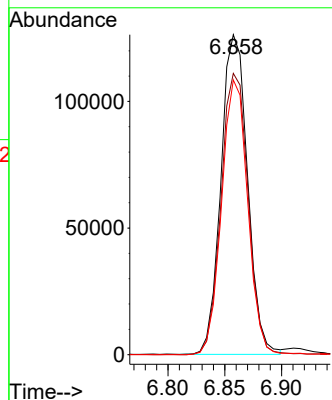
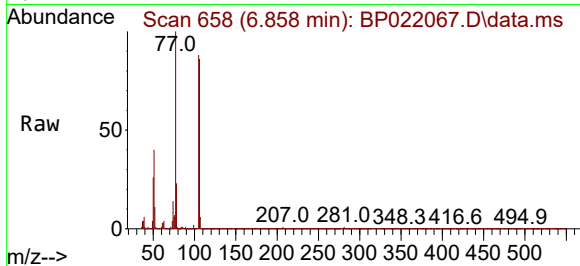




#6
Benzaldehyde
Concen: 33.320 ng/ul
RT: 6.858 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

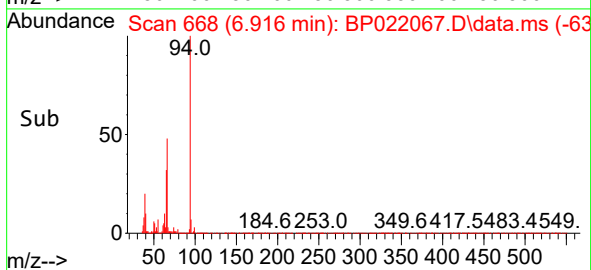
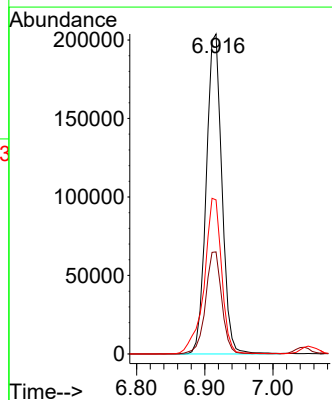
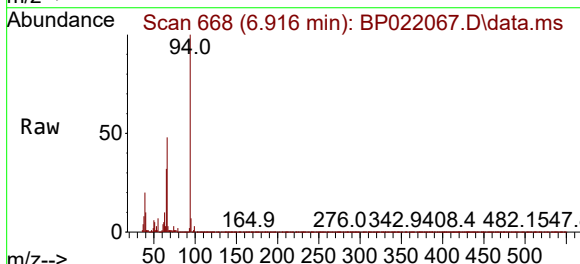
Instrument :
BNA_P
ClientSampleId :
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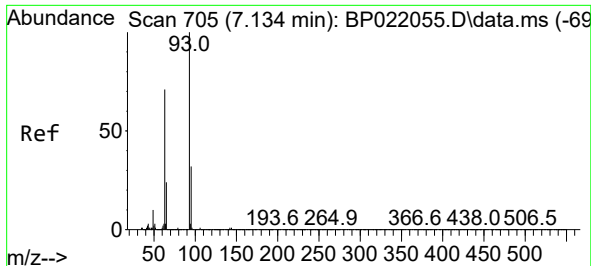
Tgt Ion: 77 Resp: 205463
Ion Ratio Lower Upper
77 100
105 87.9 70.6 106.0
106 85.8 67.4 101.0



#8
Phenol
Concen: 28.568 ng/ul
RT: 6.916 min Scan# 668
Delta R.T. 0.000 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion: 94 Resp: 324979
Ion Ratio Lower Upper
94 100
65 31.9 26.6 40.0
66 48.1 39.6 59.4

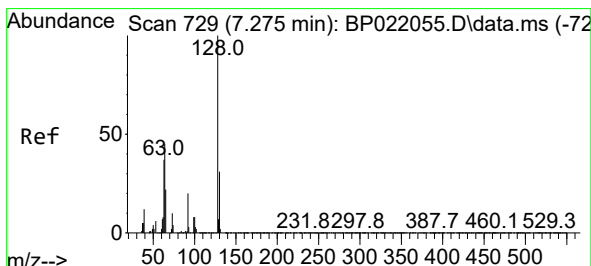
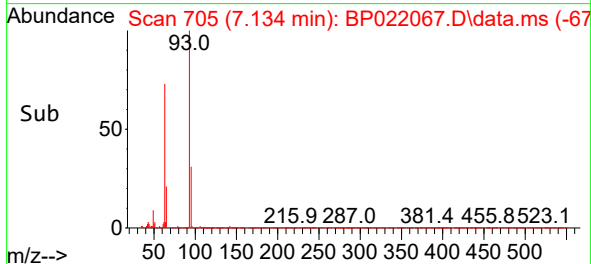
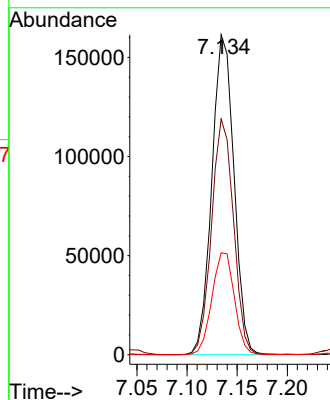
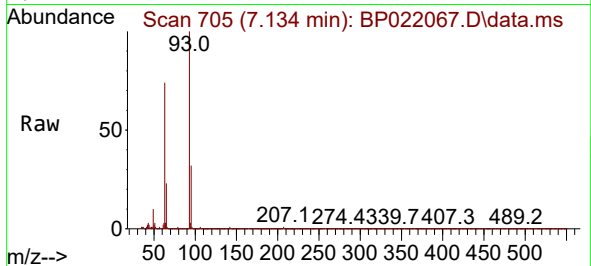




#10
 Bis(2-Chloroethyl)ether
 Concen: 28.454 ng/ul
 RT: 7.134 min Scan# 705
 Delta R.T. -0.006 min
 Lab File: BP022067.D
 Acq: 26 Sep 2024 17:54

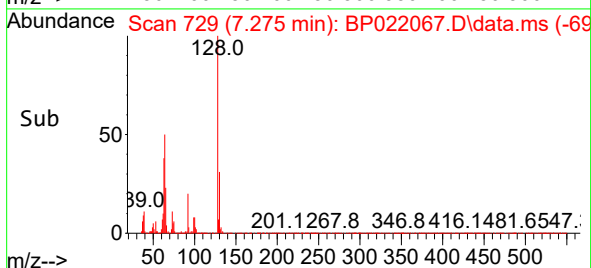
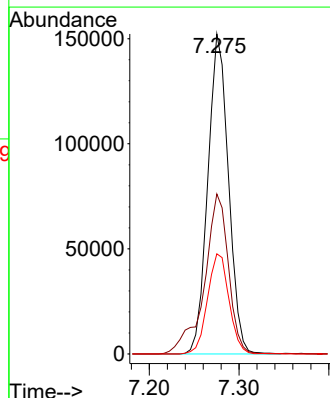
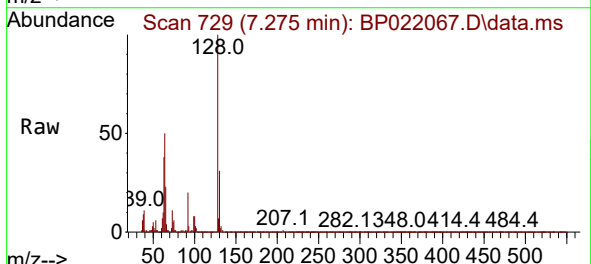
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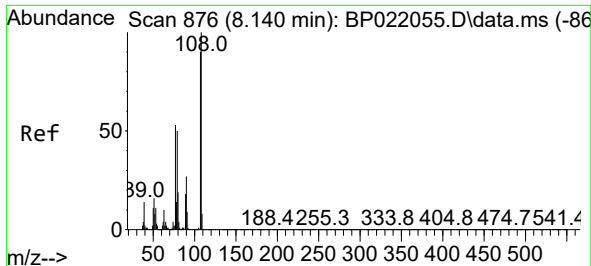
Tgt Ion:	93	Resp:	247742
Ion	Ratio	Lower	Upper
93	100		
63	73.6	57.7	86.5
95	31.9	24.9	37.3



#12
 2-Chlorophenol
 Concen: 29.745 ng/ul
 RT: 7.275 min Scan# 729
 Delta R.T. -0.006 min
 Lab File: BP022067.D
 Acq: 26 Sep 2024 17:54

Tgt Ion:	128	Resp:	243202
Ion	Ratio	Lower	Upper
128	100		
64	50.0	41.3	61.9
130	31.3	25.8	38.8





#13

2-Methylphenol

Concen: 29.284 ng/ul

RT: 8.140 min Scan# 81

Delta R.T. -0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Instrument :

BNA_P

ClientSampleId :

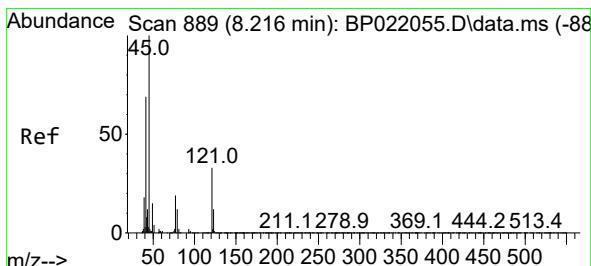
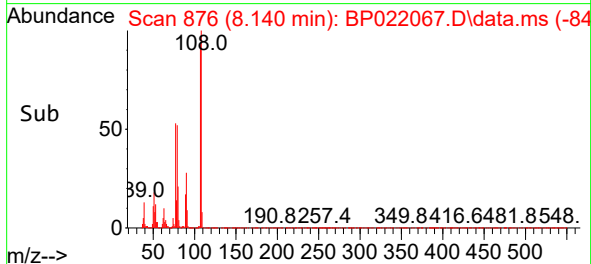
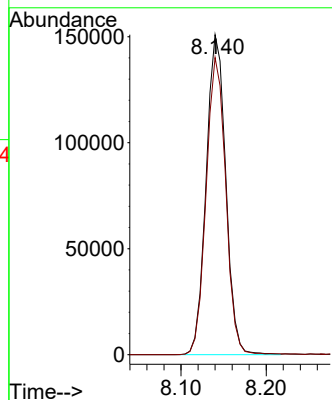
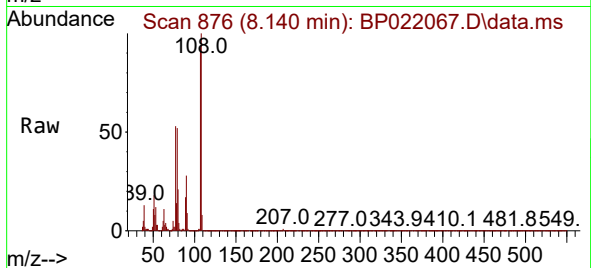
SLCS541

Tgt Ion:108 Resp: 241604

Ion Ratio Lower Upper

108 100

107 92.8 71.3 106.9



#14

2,2'-oxybis(1-Chloropropane)

Concen: 29.345 ng/ul

RT: 8.210 min Scan# 888

Delta R.T. -0.012 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

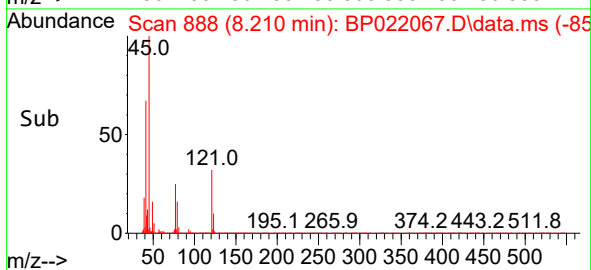
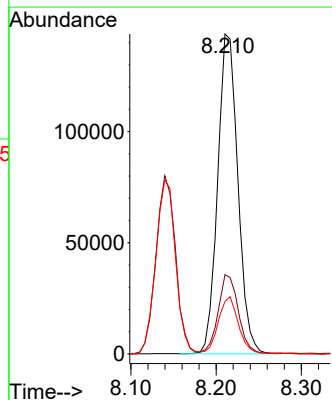
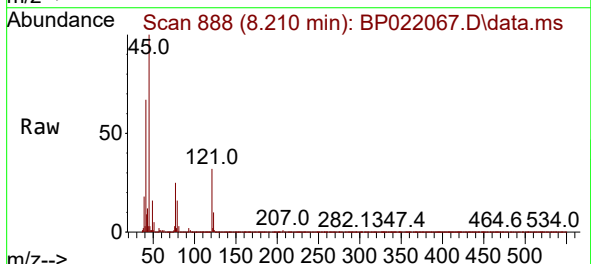
Tgt Ion: 45 Resp: 237020

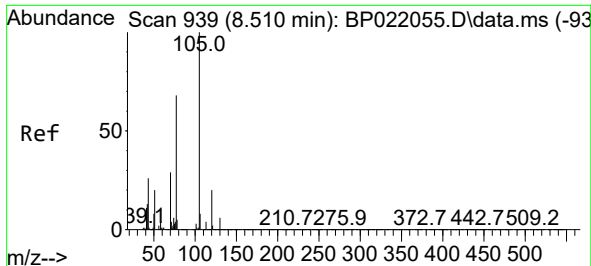
Ion Ratio Lower Upper

45 100

77 24.7 18.6 27.8

79 16.4 13.2 19.8

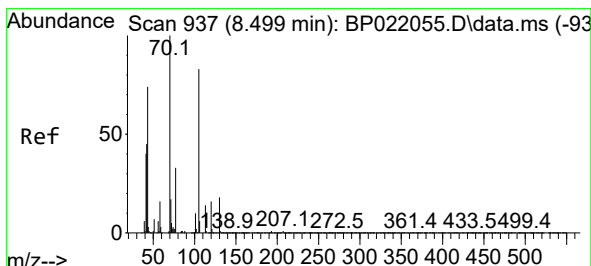
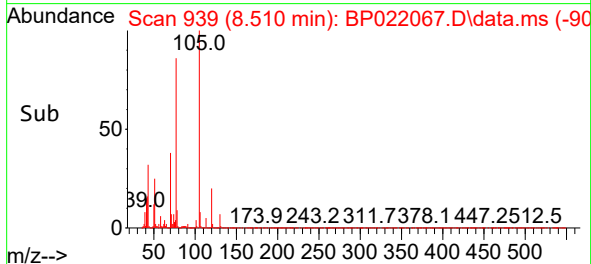
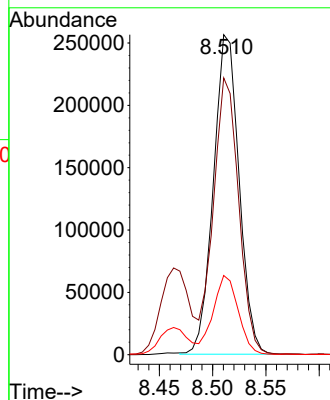
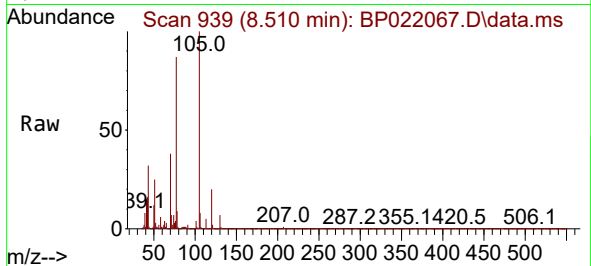




#16
Acetophenone
Concen: 29.854 ng/ul
RT: 8.510 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

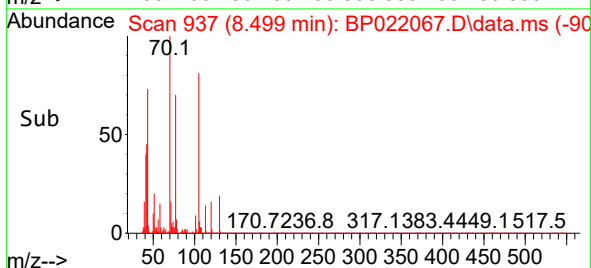
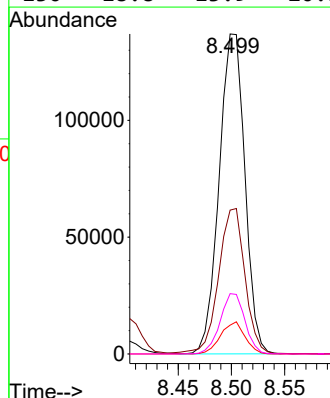
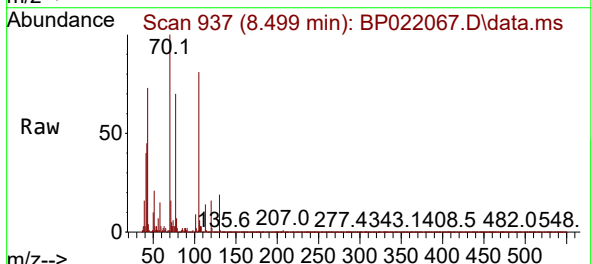
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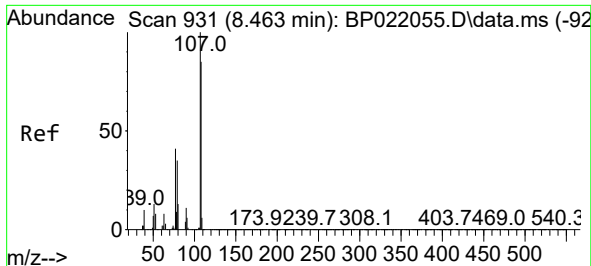
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Ion Ratio Lower Upper
105 100
77 86.5 67.9 101.9
51 24.8 19.8 29.6



#17
N-Nitroso-di-n-propylamine
Concen: 30.856 ng/ul
RT: 8.499 min Scan# 937
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion: 70 Resp: 229832
Ion Ratio Lower Upper
70 100
42 44.9 35.5 53.3
101 9.0 7.3 10.9
130 18.8 13.9 20.9

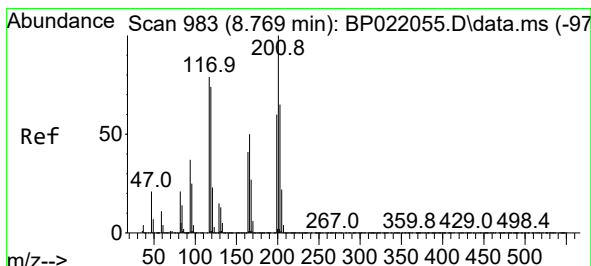
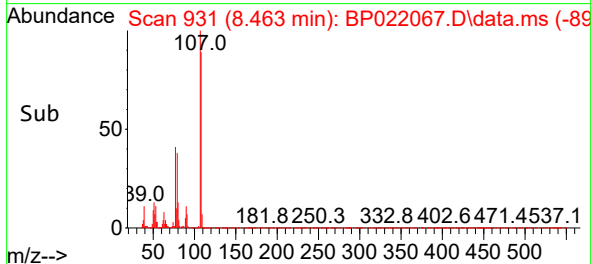
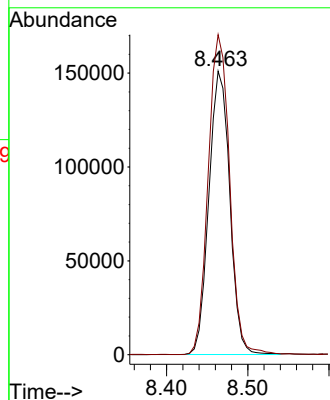
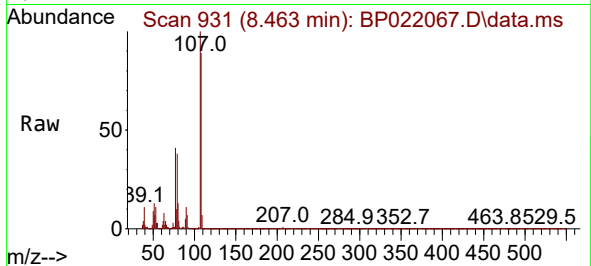




#18
4-Methylphenol
Concen: 30.002 ng/ul
RT: 8.463 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

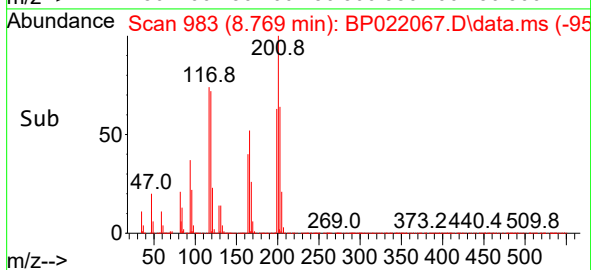
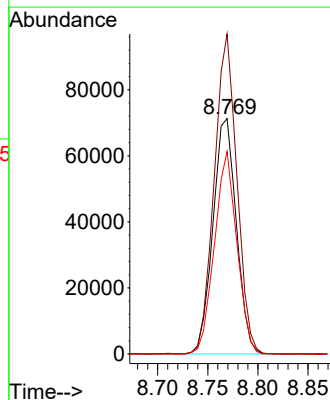
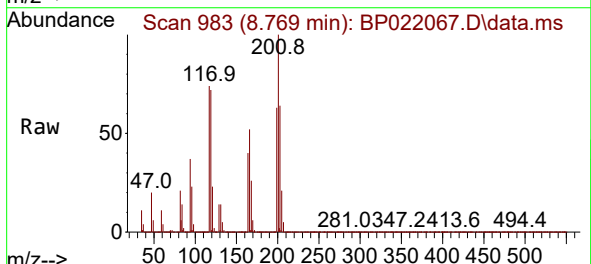
Instrument :
BNA_P
ClientSampleId :
SLCS541

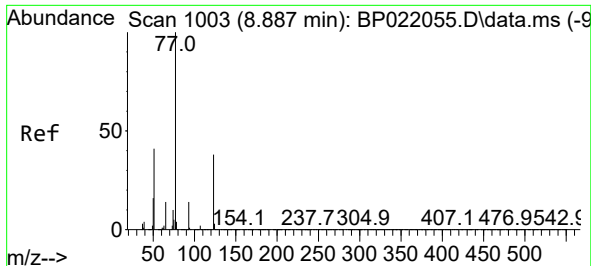
Tgt Ion:108 Resp: 269927
Ion Ratio Lower Upper
108 100
107 112.9 92.0 138.0



#19
Hexachloroethane
Concen: 30.041 ng/ul
RT: 8.769 min Scan# 983
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion:117 Resp: 115945
Ion Ratio Lower Upper
117 100
201 135.9 110.2 165.4
199 86.1 67.9 101.9

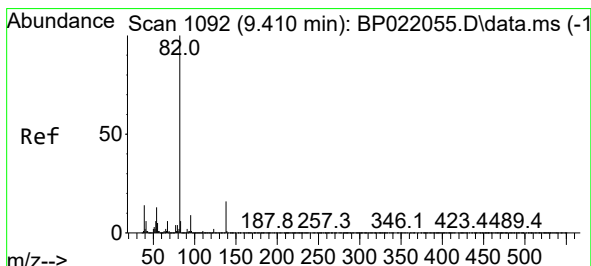
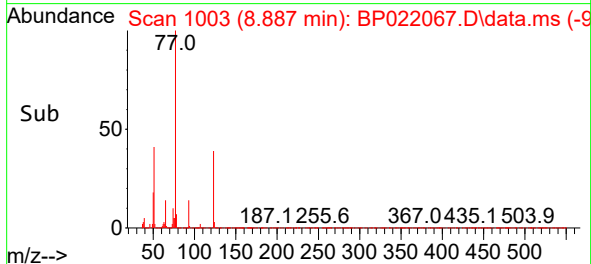
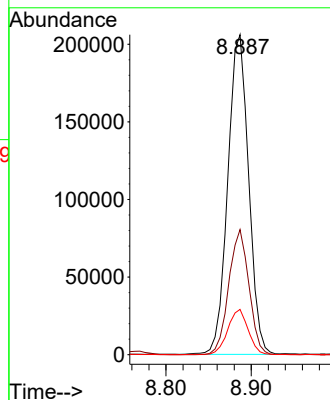
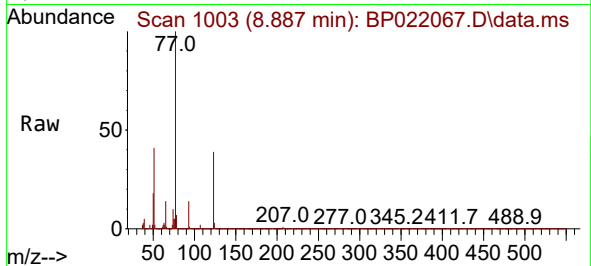




#22
Nitrobenzene
Concen: 29.586 ng/ul
RT: 8.887 min Scan# 1003
Delta R.T. 0.000 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

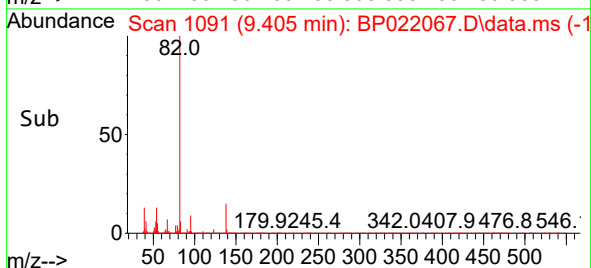
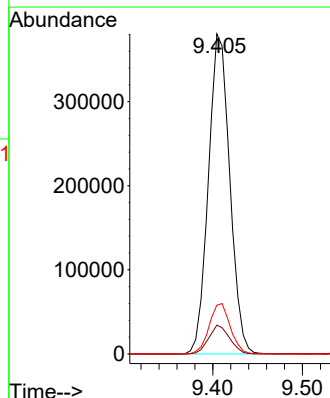
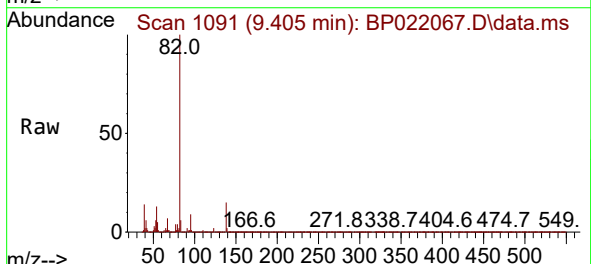
Instrument :
BNA_P
ClientSampleId :
SLCS541

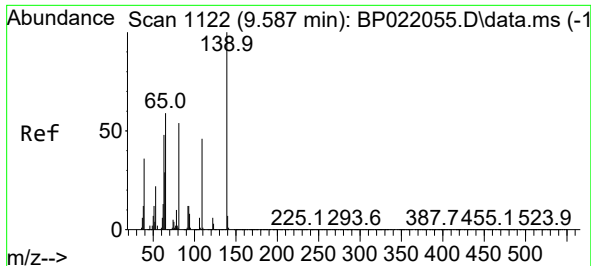
Tgt Ion: 77 Resp: 350095
Ion Ratio Lower Upper
77 100
123 39.1 29.8 44.8
65 14.1 11.3 16.9



#23
Isophorone
Concen: 30.788 ng/ul
RT: 9.405 min Scan# 1091
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion: 82 Resp: 631055
Ion Ratio Lower Upper
82 100
95 9.0 7.0 10.4
138 15.2 11.9 17.9

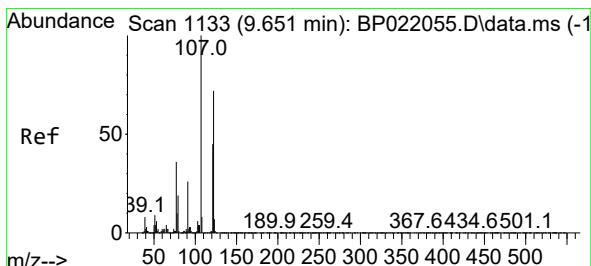
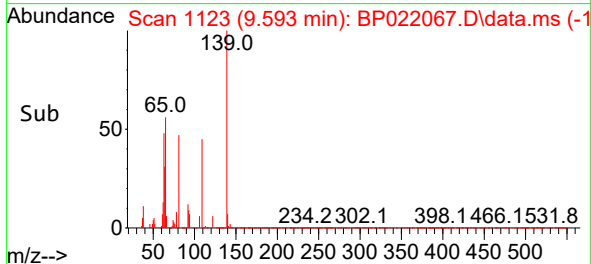
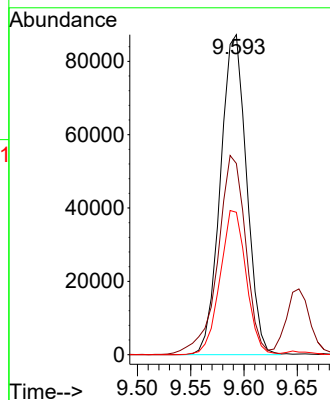
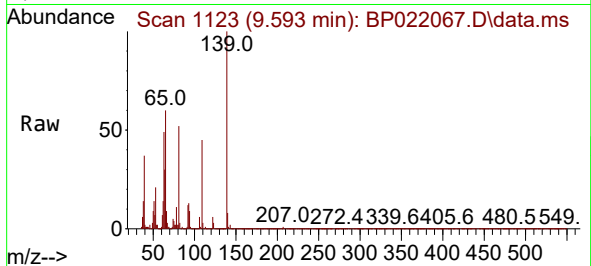




#25
2-Nitrophenol
Concen: 31.727 ng/ul
RT: 9.593 min Scan# 1122
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

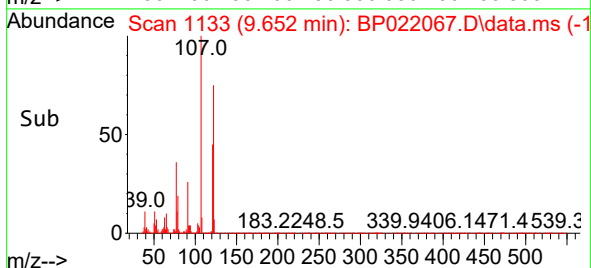
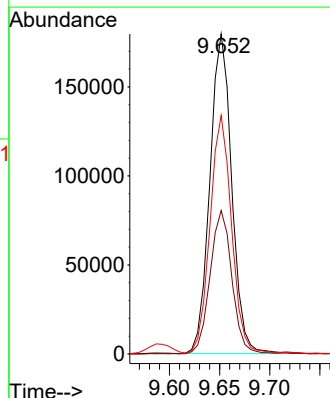
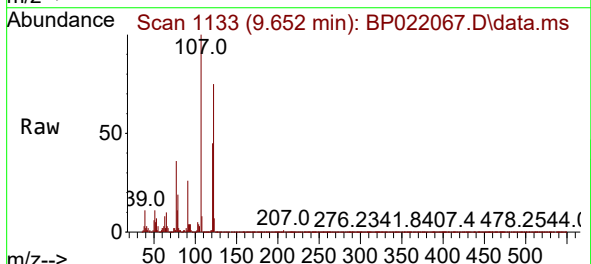
Instrument :
BNA_P
ClientSampleId :
SLCS541

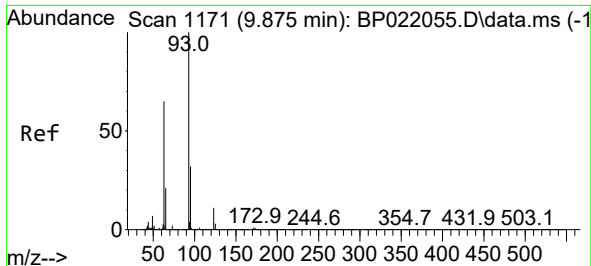
Tgt Ion:139 Resp: 148971
Ion Ratio Lower Upper
139 100
65 59.8 47.8 71.6
109 44.5 35.3 52.9



#26
2,4-Dimethylphenol
Concen: 25.550 ng/ul
RT: 9.652 min Scan# 1133
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion:107 Resp: 271769
Ion Ratio Lower Upper
107 100
121 44.8 37.0 55.4
122 74.5 57.6 86.4

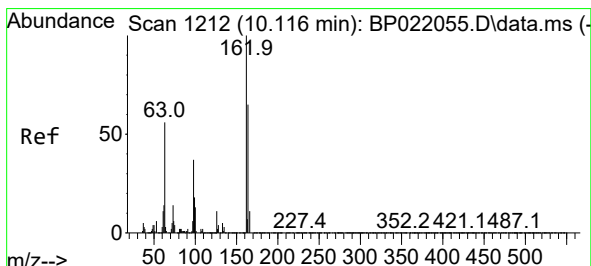
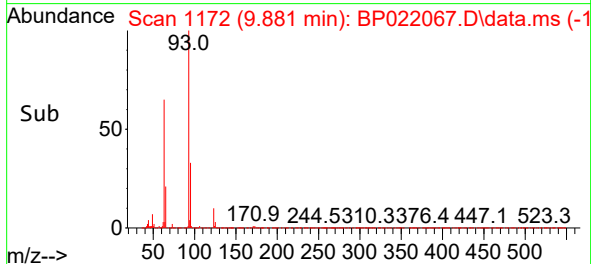
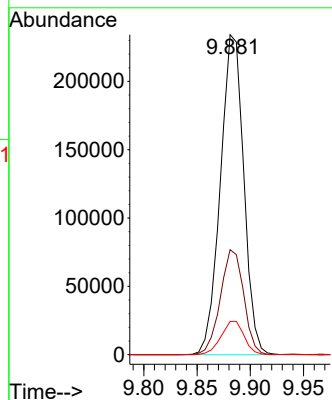
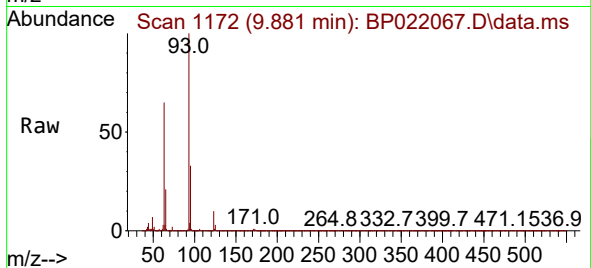




#27
Bis(2-Chloroethoxy)methane
Concen: 30.232 ng/ul
RT: 9.881 min Scan# 1171
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

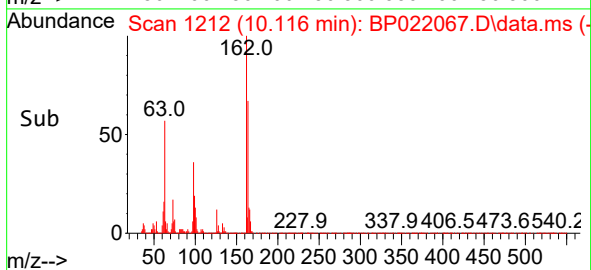
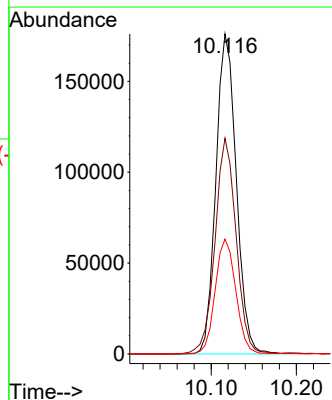
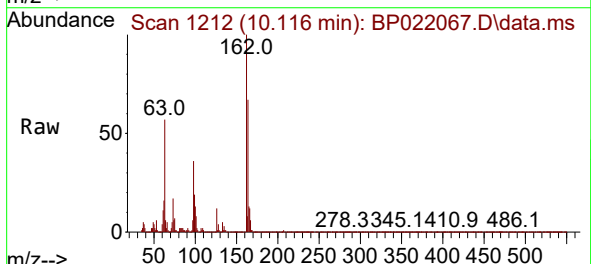
Instrument :
BNA_P
ClientSampleId :
SLCS541

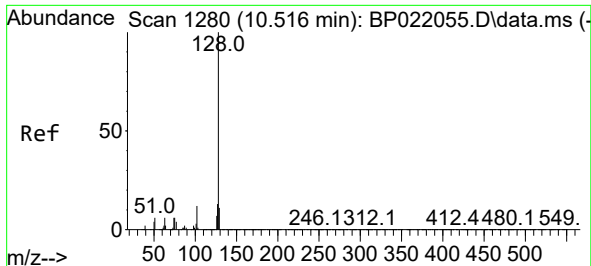
Tgt Ion: 93 Resp: 357191
Ion Ratio Lower Upper
93 100
95 32.8 25.3 37.9
123 10.4 8.1 12.1



#29
2,4-Dichlorophenol
Concen: 30.983 ng/ul
RT: 10.116 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion:162 Resp: 293359
Ion Ratio Lower Upper
162 100
164 67.4 52.4 78.6
98 35.9 29.8 44.8

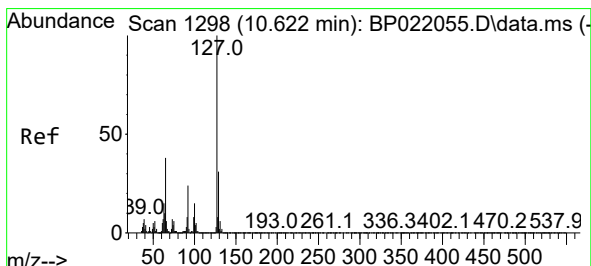
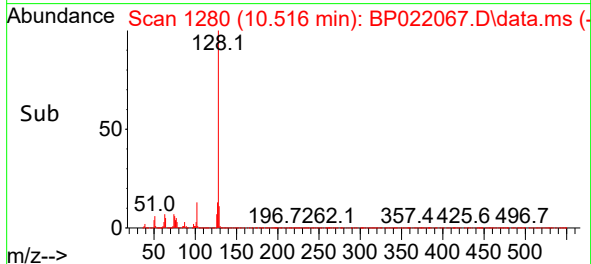
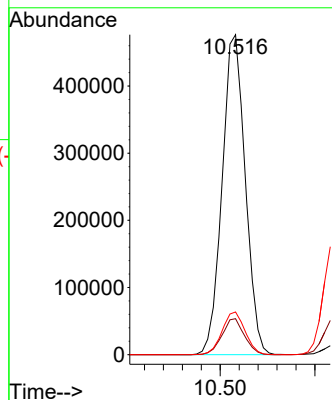
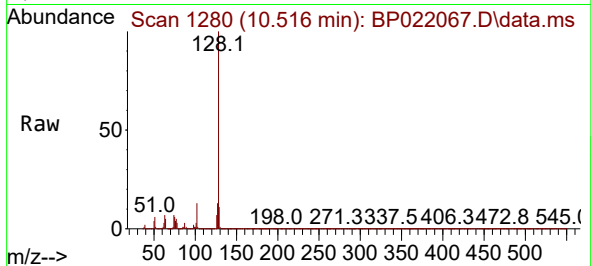




#30
Naphthalene
Concen: 29.728 ng/ul
RT: 10.516 min Scan# 1280
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

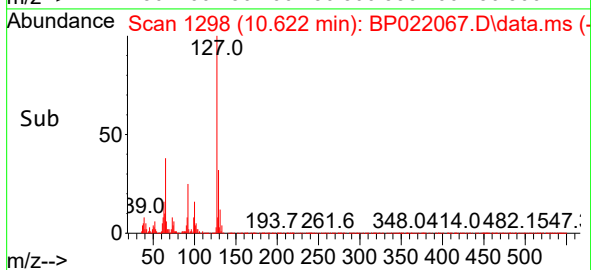
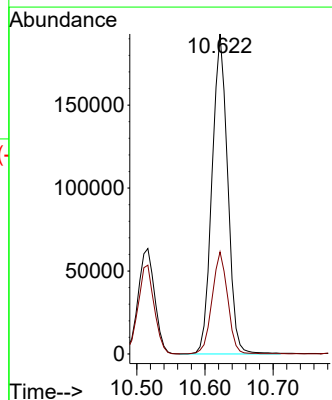
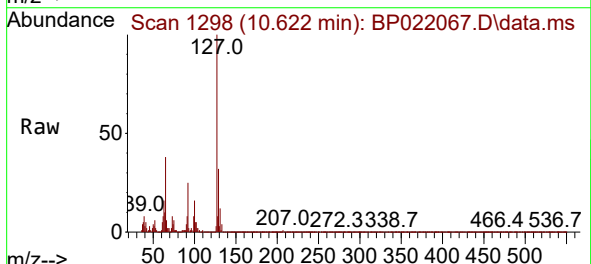
Instrument :
BNA_P
ClientSampleId :
SLCS541

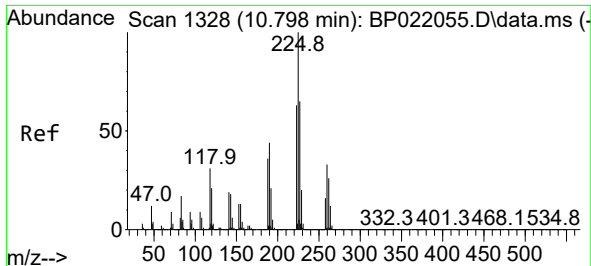
Tgt Ion:128 Resp: 808880
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 13.3 10.9 16.3



#32
4-Chloroaniline
Concen: 27.294 ng/ul
RT: 10.622 min Scan# 1298
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

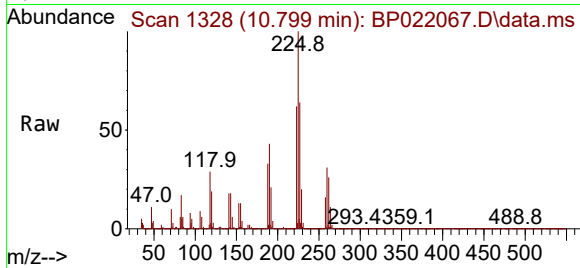
Tgt Ion:127 Resp: 307380
Ion Ratio Lower Upper
127 100
129 31.9 25.1 37.7



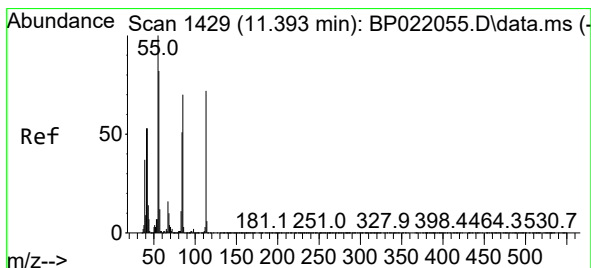
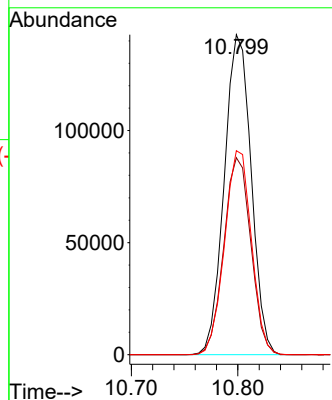
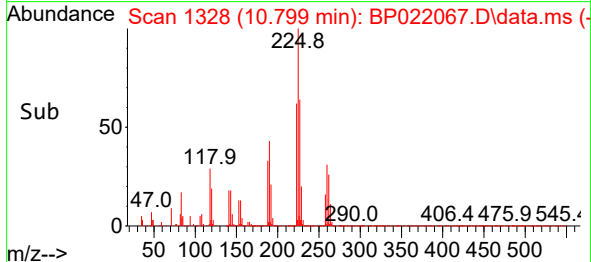


#33
Hexachlorobutadiene
Concen: 29.852 ng/ul
RT: 10.799 min Scan# 11
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

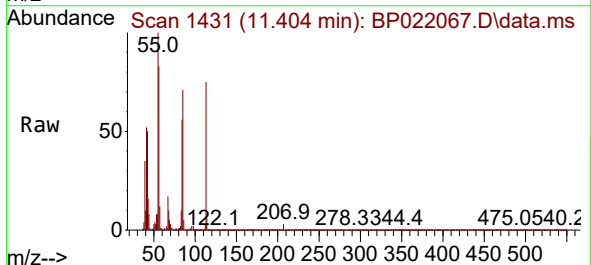
Instrument :
BNA_P
ClientSampleId :
SLCS541



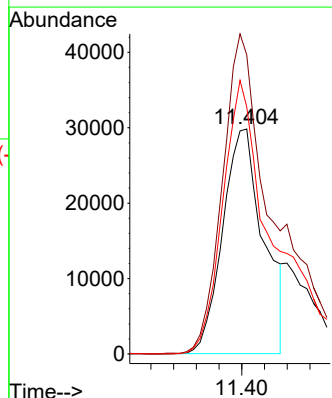
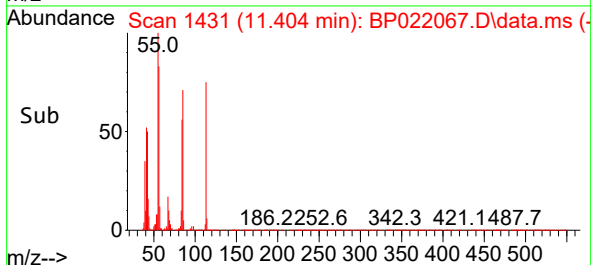
Tgt Ion:225 Resp: 250948
Ion Ratio Lower Upper
225 100
223 61.5 47.1 70.7
227 63.8 51.6 77.4

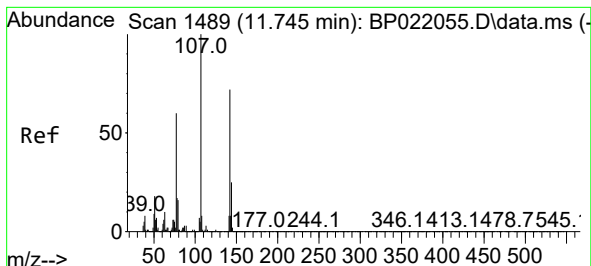


#34
Caprolactam
Concen: 25.910 ng/ul
RT: 11.404 min Scan# 1431
Delta R.T. 0.012 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54



Tgt Ion:113 Resp: 74418
Ion Ratio Lower Upper
113 100
55 132.9 108.9 163.3
56 109.7 101.8 152.8

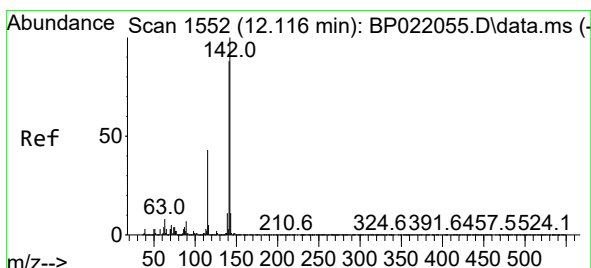
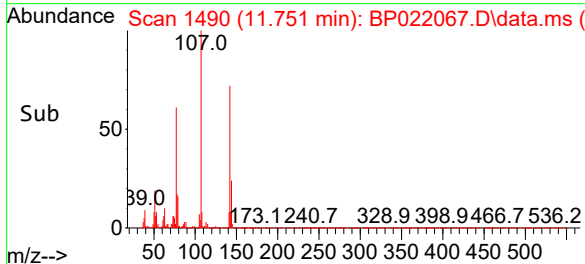
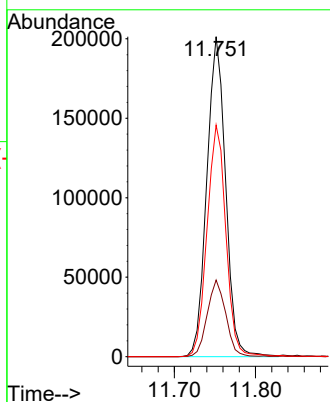
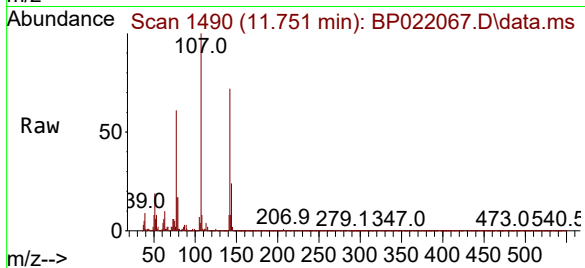




#35
4-Chloro-3-methylphenol
Concen: 31.587 ng/ul
RT: 11.751 min Scan# 1489
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

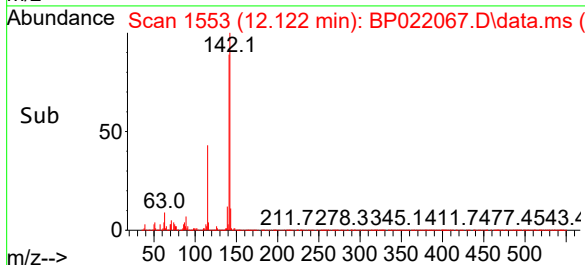
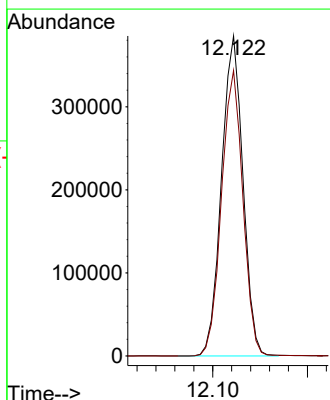
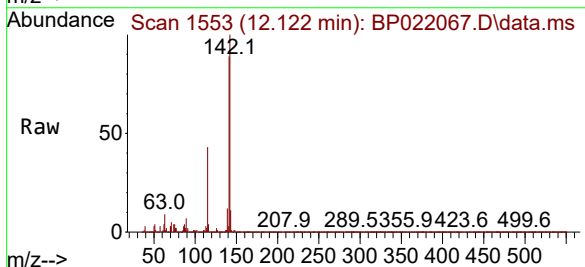
Instrument :
BNA_P
ClientSampleId :
SLCS541

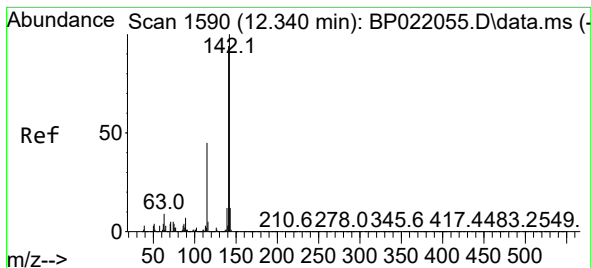
Tgt Ion:107 Resp: 323555
Ion Ratio Lower Upper
107 100
144 24.0 19.9 29.9
142 72.3 57.4 86.0



#36
2-Methylnaphthalene
Concen: 29.921 ng/ul
RT: 12.122 min Scan# 1553
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion:142 Resp: 605010
Ion Ratio Lower Upper
142 100
141 89.2 72.6 109.0





#37

1-Methylnaphthalene

Concen: 29.450 ng/ul

RT: 12.346 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Instrument :

BNA_P

ClientSampleId :

SLCS541

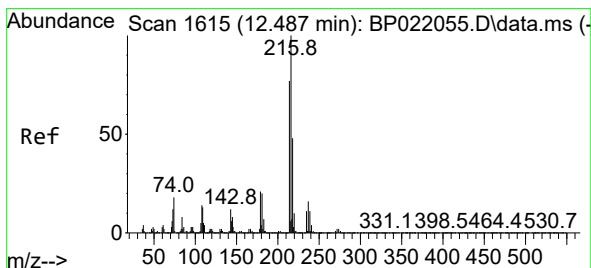
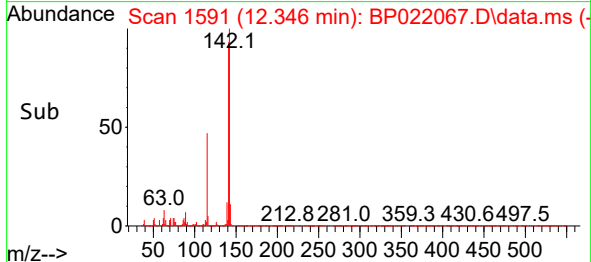
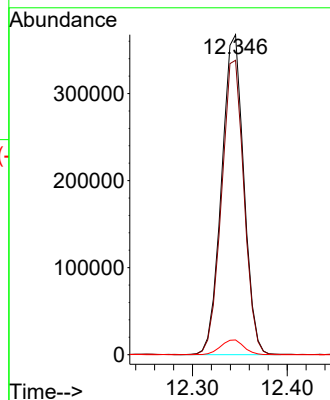
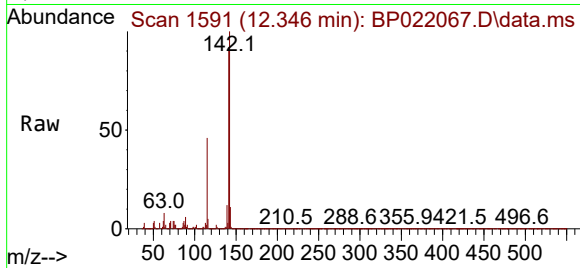
Tgt Ion:142 Resp: 600578

Ion Ratio Lower Upper

142 100

141 92.0 74.6 111.8

116 4.6 3.9 5.9



#39

1,2,4,5-Tetrachlorobenzene

Concen: 30.529 ng/ul

RT: 12.493 min Scan# 1616

Delta R.T. -0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Tgt Ion:216 Resp: 456199

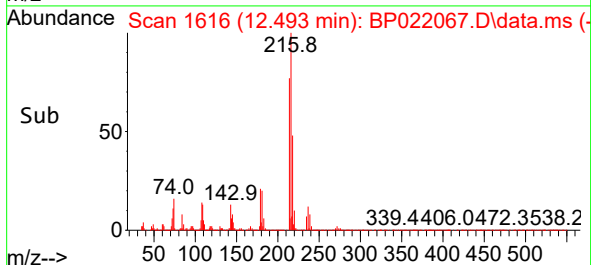
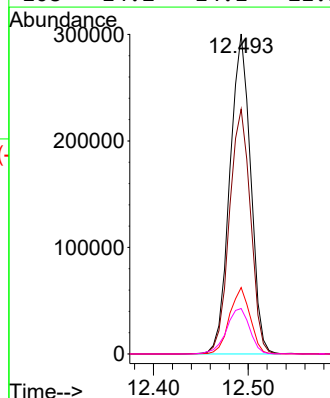
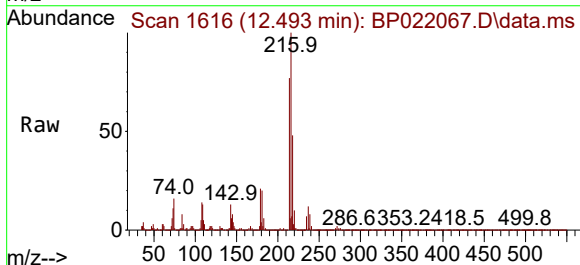
Ion Ratio Lower Upper

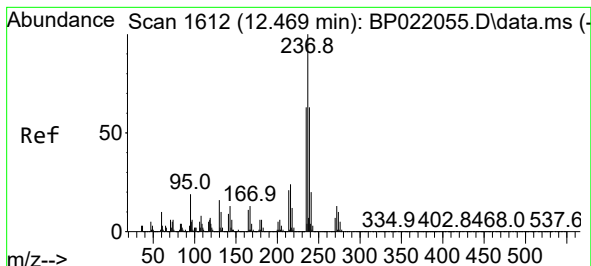
216 100

214 76.5 62.8 94.2

179 20.7 17.9 26.9

108 14.2 14.1 21.1





#40

Hexachlorocyclopentadiene

Concen: 27.864 ng/ul

RT: 12.475 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Instrument :

BNA_P

ClientSampleId :

SLCS541

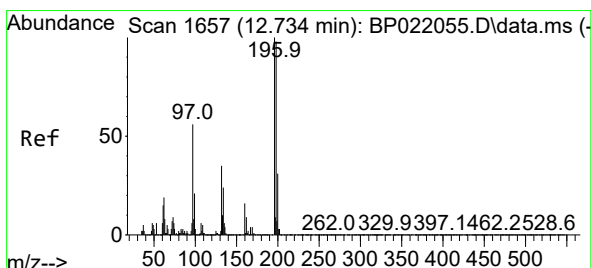
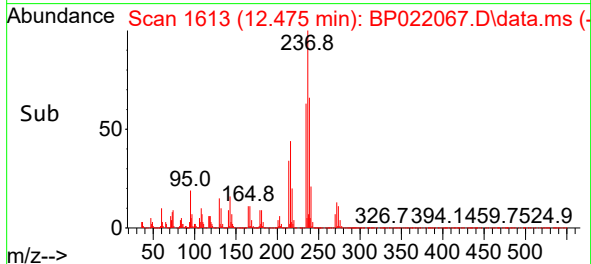
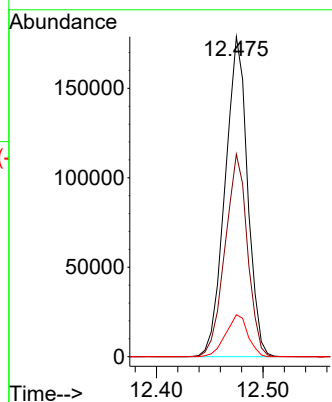
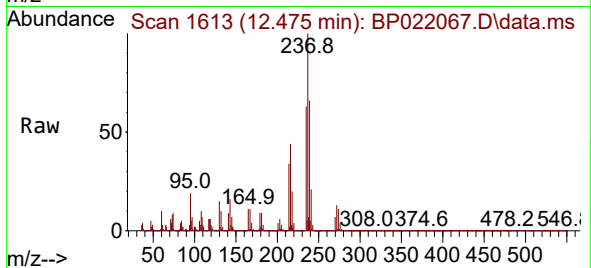
Tgt Ion:237 Resp: 261914

Ion Ratio Lower Upper

237 100

235 63.3 51.8 77.6

272 13.1 10.5 15.7



#41

2,4,6-Trichlorophenol

Concen: 31.602 ng/ul

RT: 12.740 min Scan# 1658

Delta R.T. -0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

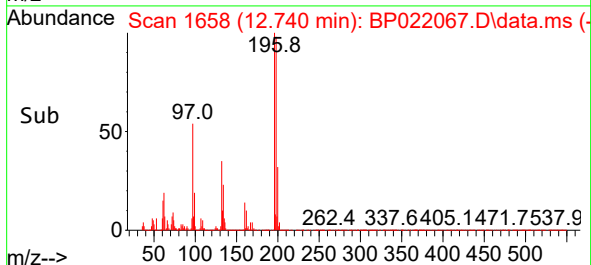
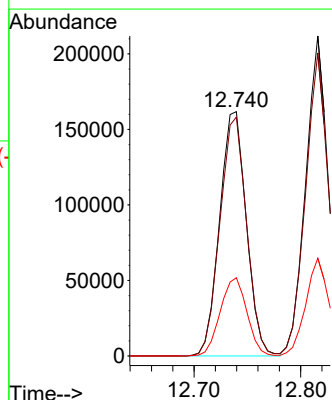
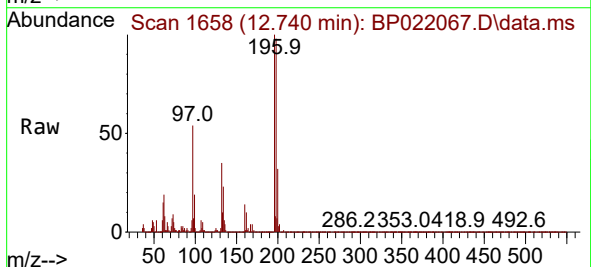
Tgt Ion:196 Resp: 282302

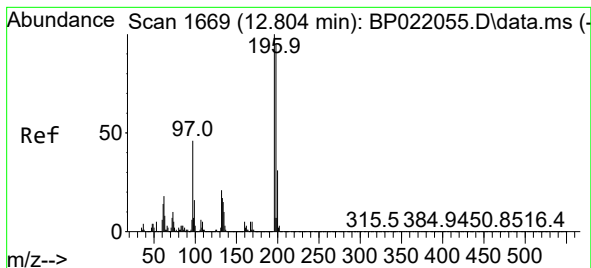
Ion Ratio Lower Upper

196 100

198 97.8 77.6 116.4

200 32.0 24.2 36.4





#42

2,4,5-Trichlorophenol

Concen: 32.369 ng/ul

RT: 12.816 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Instrument :

BNA_P

ClientSampleId :

SLCS541

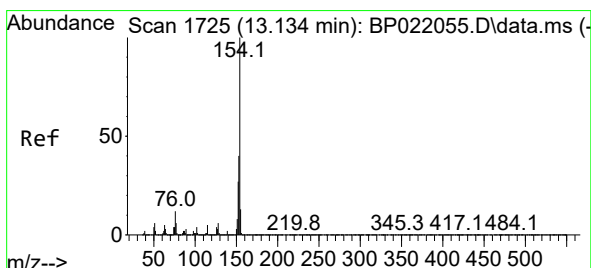
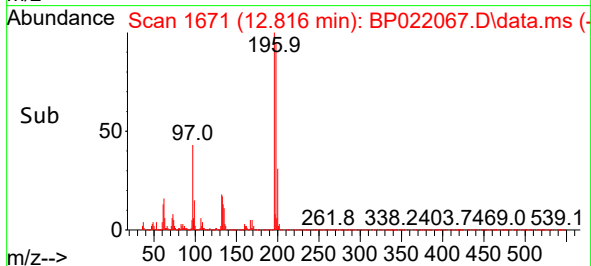
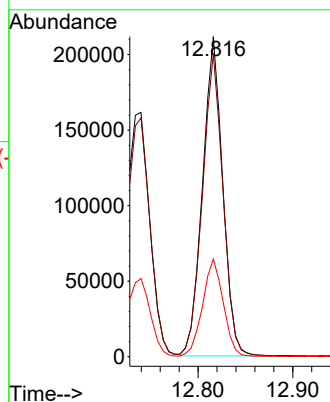
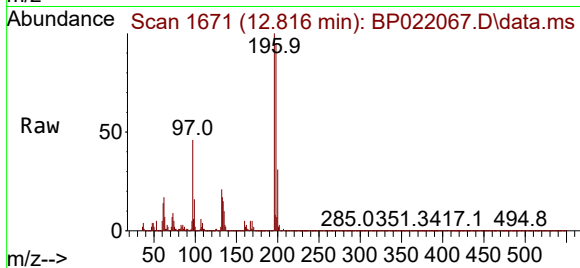
Tgt Ion:196 Resp: 313122

Ion Ratio Lower Upper

196 100

198 94.7 78.2 117.2

200 30.6 26.1 39.1



#43

1,1'-Biphenyl

Concen: 30.219 ng/ul

RT: 13.140 min Scan# 1726

Delta R.T. -0.012 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

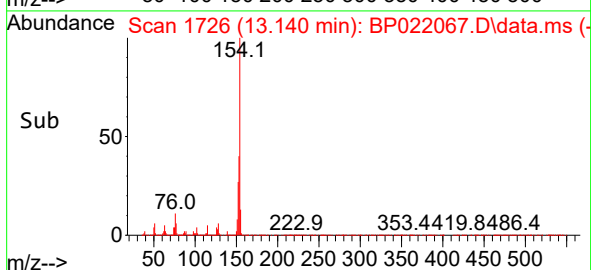
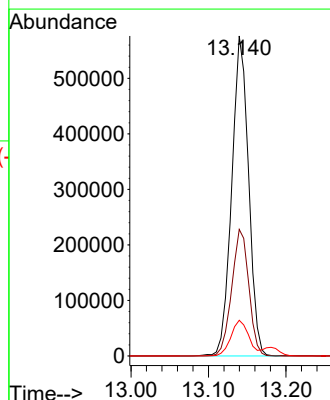
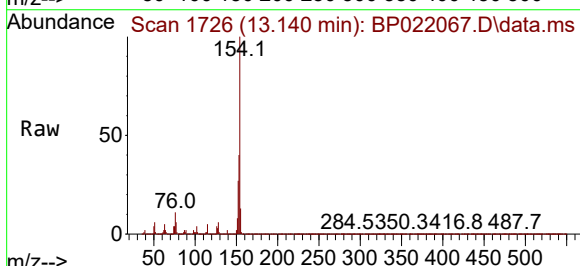
Tgt Ion:154 Resp: 870978

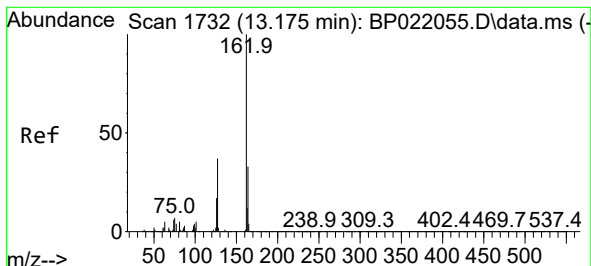
Ion Ratio Lower Upper

154 100

153 39.5 32.6 49.0

76 11.2 10.1 15.1

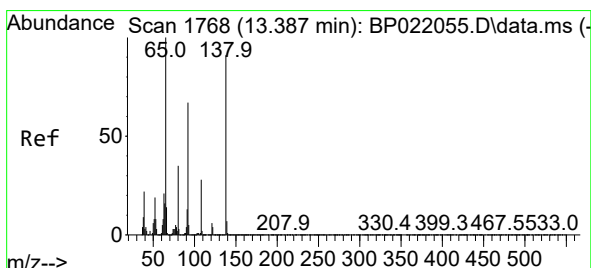
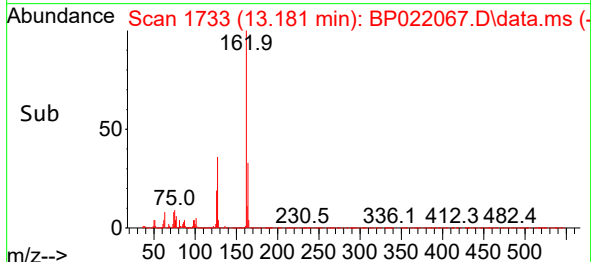
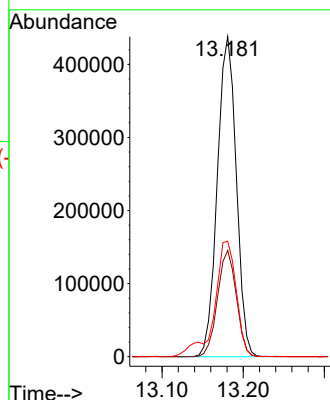
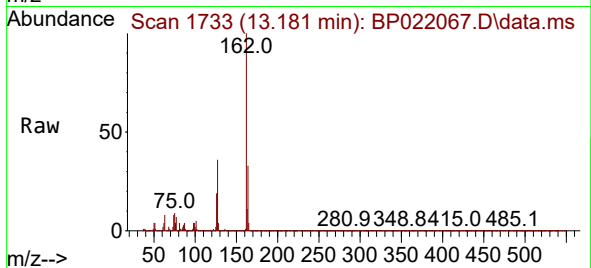




#44
2-Chloronaphthalene
Concen: 30.638 ng/ul
RT: 13.181 min Scan# 1733
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

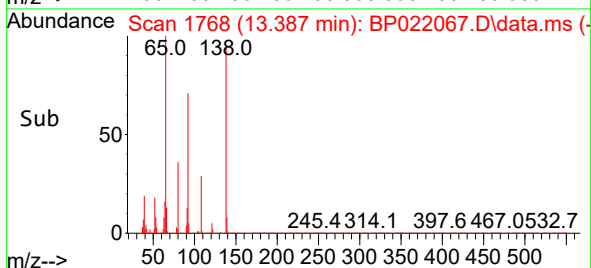
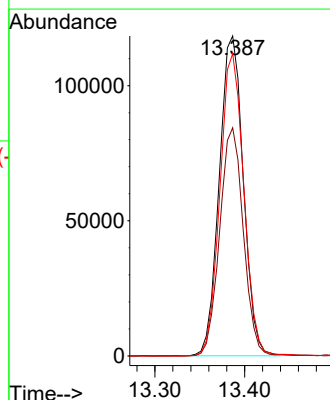
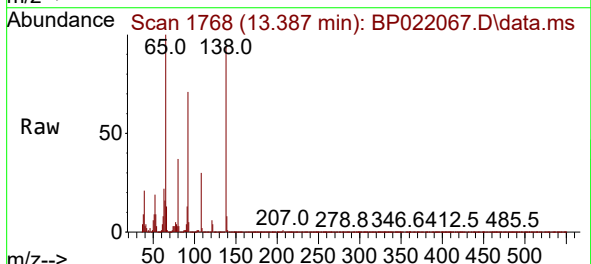
Instrument :
BNA_P
ClientSampleId :
SLCS541

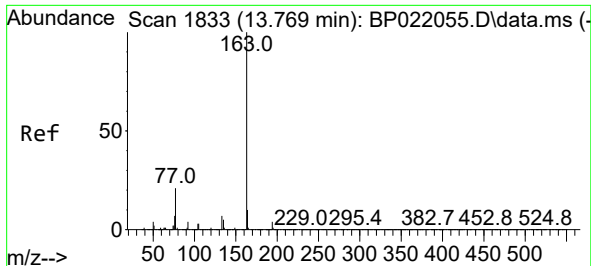
Tgt Ion:162 Resp: 710993
Ion Ratio Lower Upper
162 100
164 33.2 26.2 39.2
127 36.1 30.8 46.2



#45
2-Nitroaniline
Concen: 32.739 ng/ul
RT: 13.387 min Scan# 1768
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion: 65 Resp: 219686
Ion Ratio Lower Upper
65 100
92 71.3 53.2 79.8
138 94.5 69.8 104.8

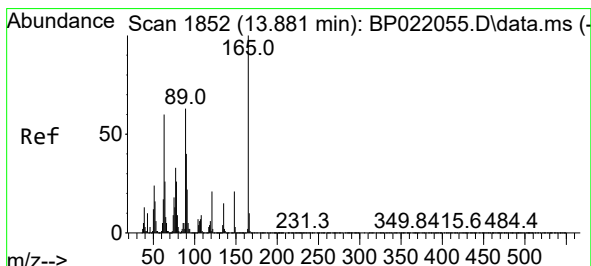
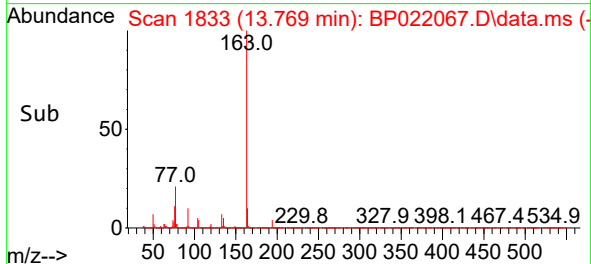
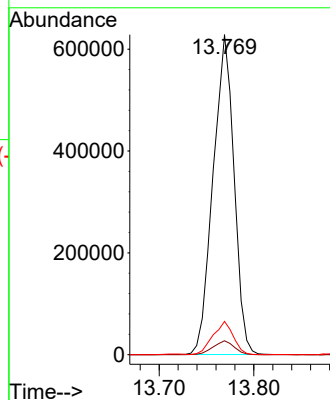
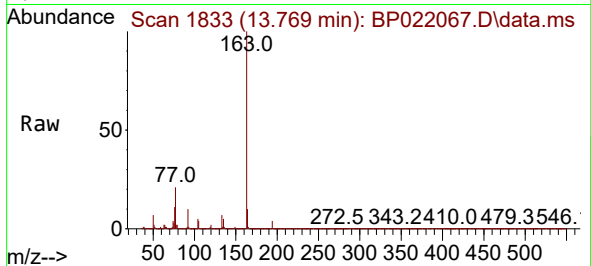




#47
Dimethylphthalate
Concen: 30.902 ng/ul
RT: 13.769 min Scan# 1833
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

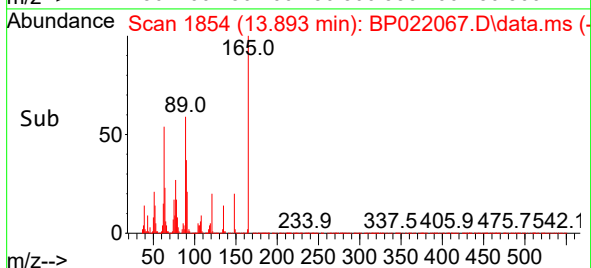
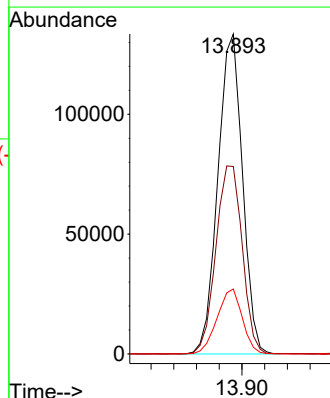
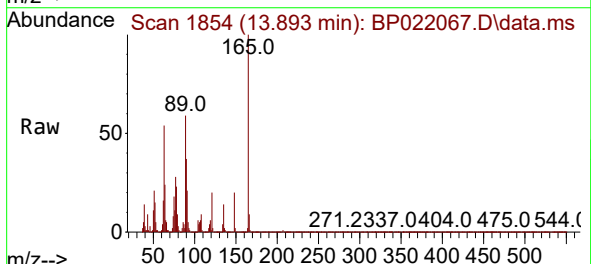
Instrument :
BNA_P
ClientSampleId :
SLCS541

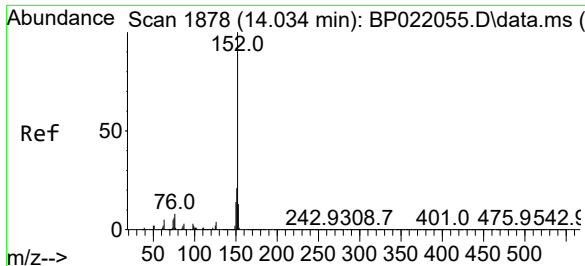
Tgt Ion:163 Resp: 967020
Ion Ratio Lower Upper
163 100
194 4.4 3.5 5.3
164 10.4 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 33.524 ng/ul
RT: 13.893 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion:165 Resp: 201114
Ion Ratio Lower Upper
165 100
89 58.6 50.9 76.3
121 20.3 16.1 24.1

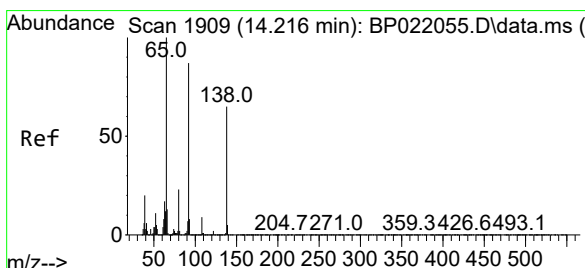
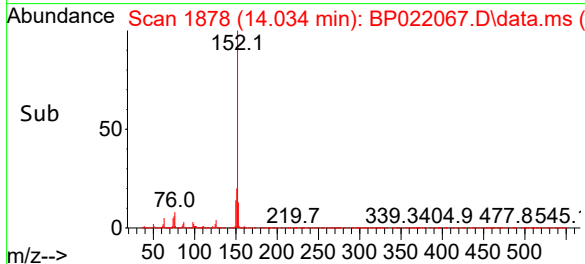
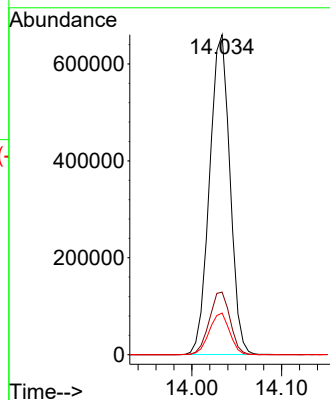
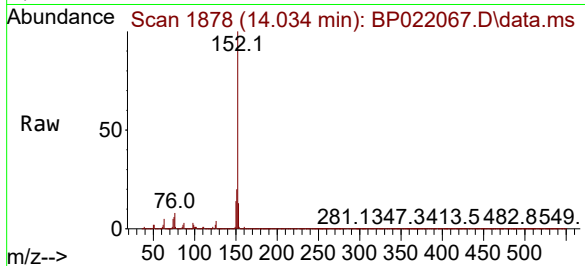




#50
Acenaphthylene
Concen: 30.287 ng/ul
RT: 14.034 min Scan# 11
Delta R.T. 0.000 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

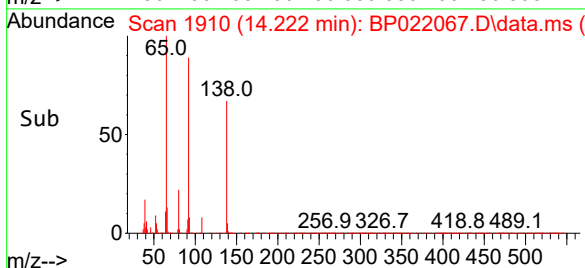
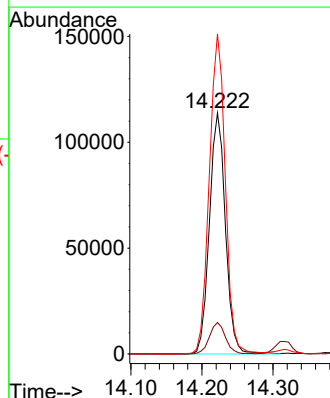
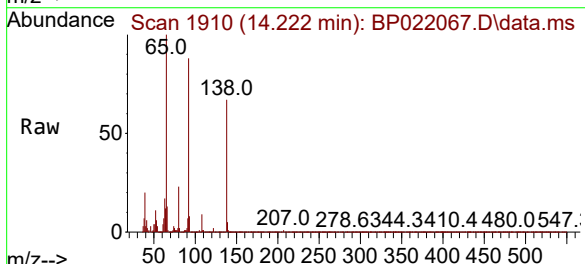
Instrument :
BNA_P
ClientSampleId :
SLCS541

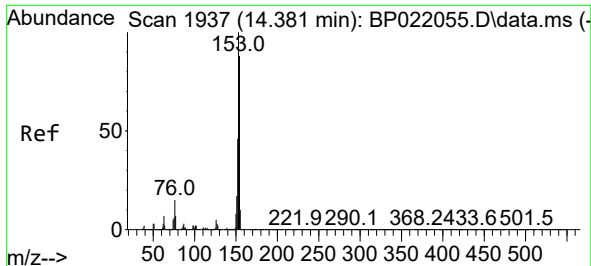
Tgt Ion:152 Resp: 1041843
Ion Ratio Lower Upper
152 100
151 19.6 15.6 23.4
153 13.0 10.6 15.8



#51
3-Nitroaniline
Concen: 32.623 ng/ul
RT: 14.222 min Scan# 1910
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion:138 Resp: 178180
Ion Ratio Lower Upper
138 100
108 13.1 10.6 16.0
92 132.8 107.2 160.8

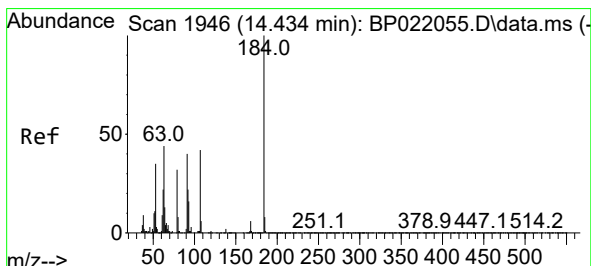
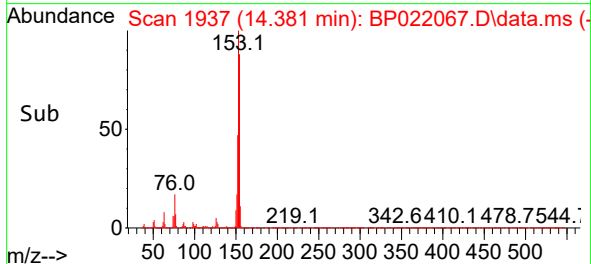
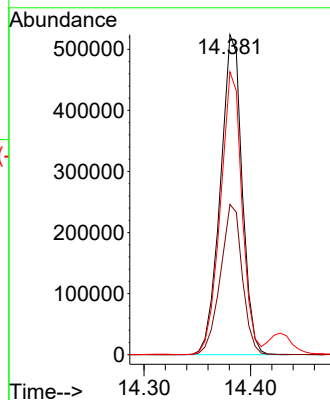
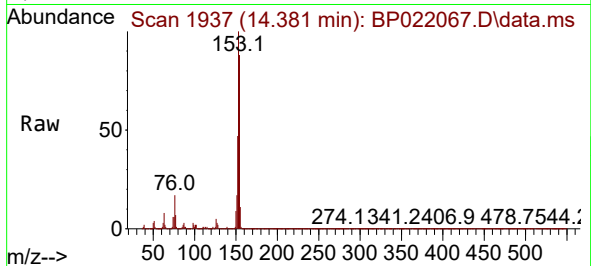




#52
Acenaphthene
Concen: 29.659 ng/ul
RT: 14.381 min Scan# 1937
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

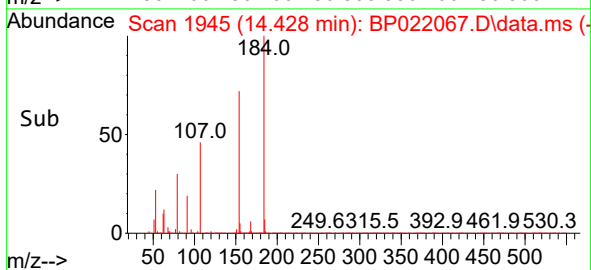
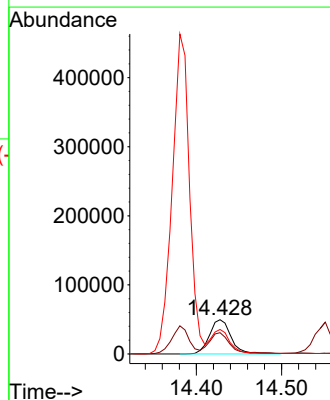
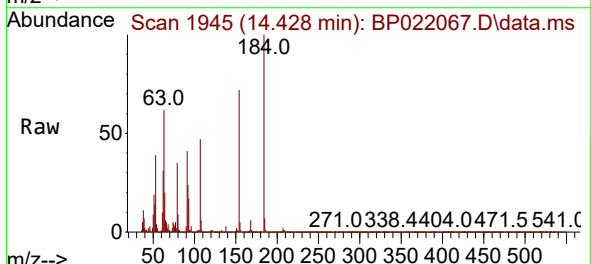
Instrument :
BNA_P
ClientSampleId :
SLCS541

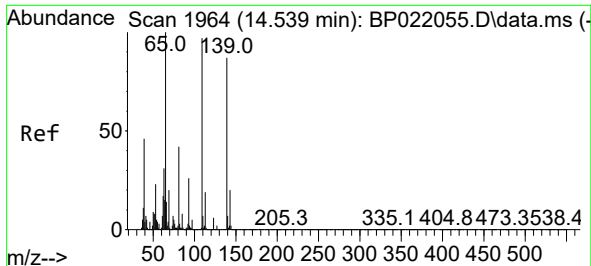
Tgt Ion:153 Resp: 741319
Ion Ratio Lower Upper
153 100
152 46.9 37.1 55.7
154 88.4 67.4 101.0



#53
2,4-Dinitrophenol
Concen: 21.592 ng/ul
RT: 14.428 min Scan# 1945
Delta R.T. 0.000 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion:184 Resp: 88135
Ion Ratio Lower Upper
184 100
63 62.1 44.7 67.1
154 71.6 55.0 82.6

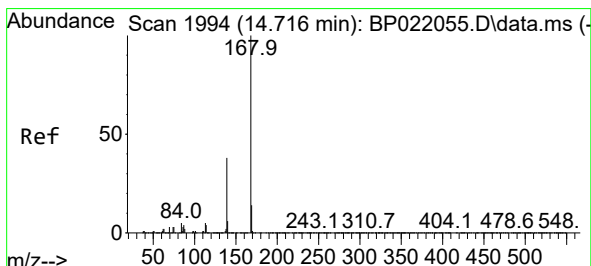
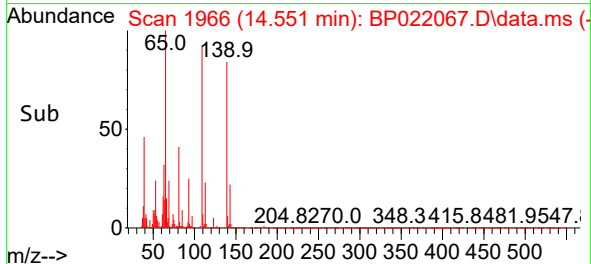
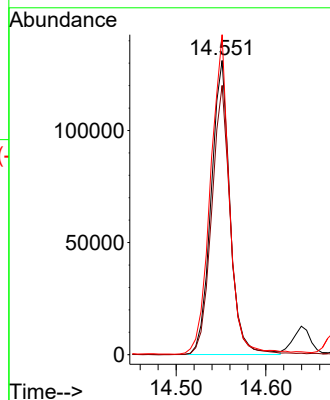
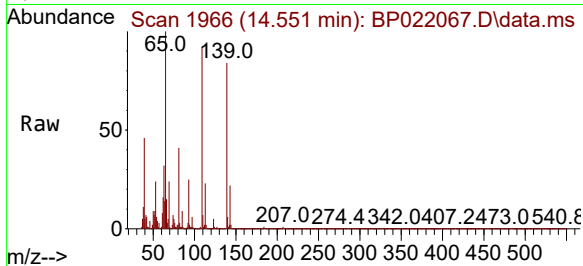




#55
4-Nitrophenol
Concen: 31.740 ng/ul
RT: 14.551 min Scan# 1966
Delta R.T. 0.012 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

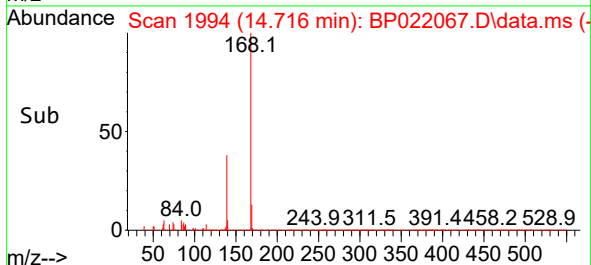
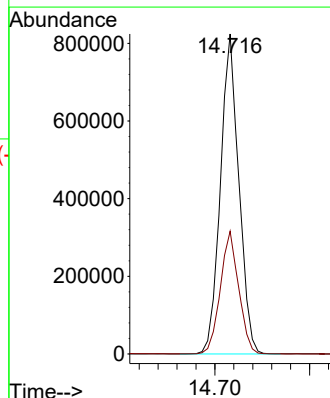
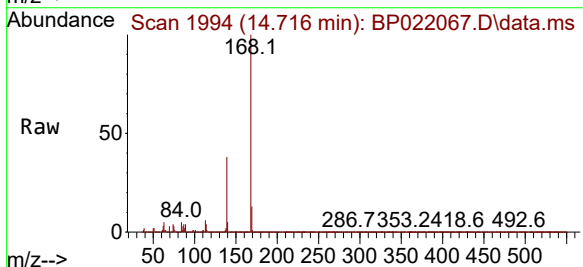
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BNA_P
ClientSampleId :
SLCS541

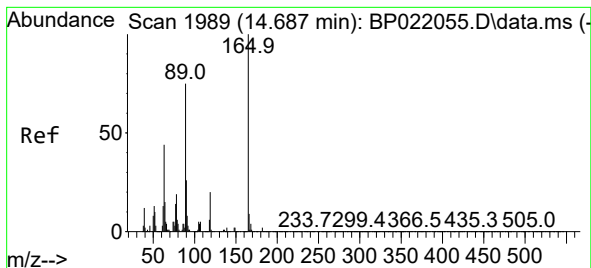
Tgt Ion:109 Resp: 191367
Ion Ratio Lower Upper
109 100
139 91.5 76.8 115.2
65 108.7 90.8 136.2



#56
Dibenzofuran
Concen: 29.942 ng/ul
RT: 14.716 min Scan# 1994
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion:168 Resp: 1112638
Ion Ratio Lower Upper
168 100
139 38.4 31.0 46.6

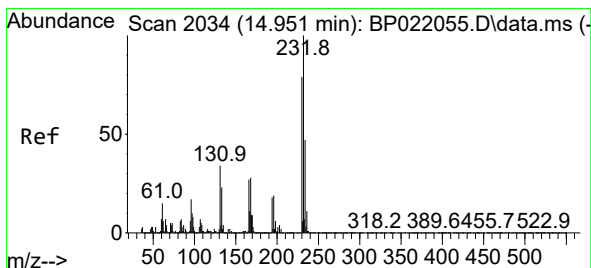
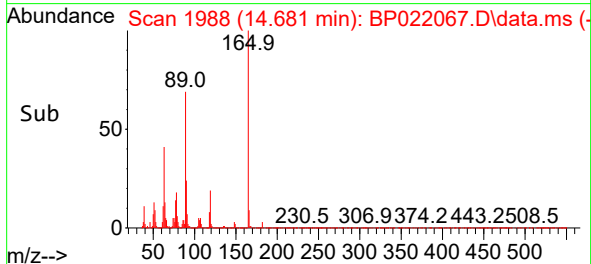
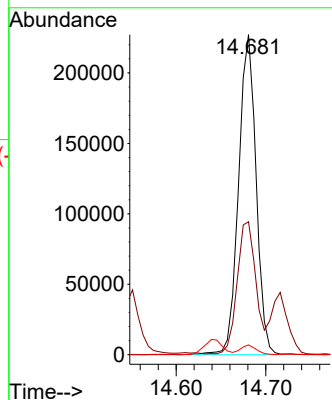
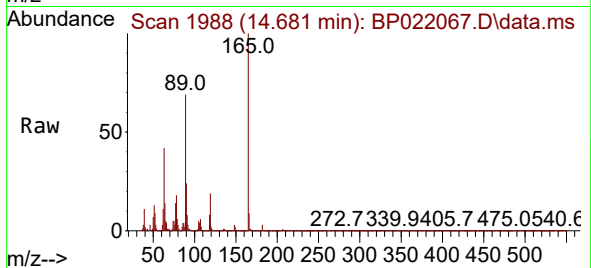




#57
2,4-Dinitrotoluene
Concen: 33.277 ng/ul
RT: 14.681 min Scan# 1988
Delta R.T. 0.000 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

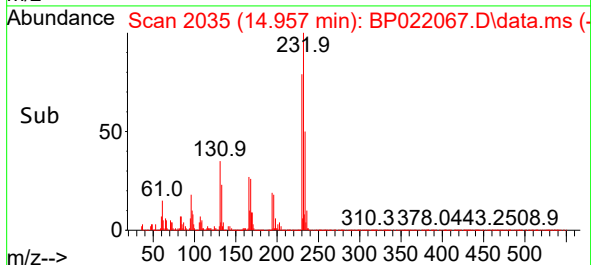
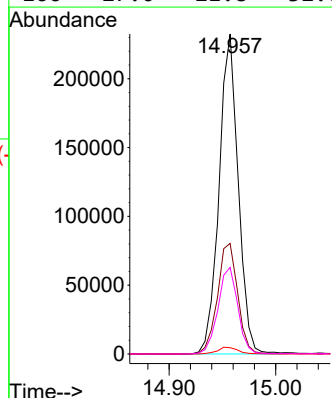
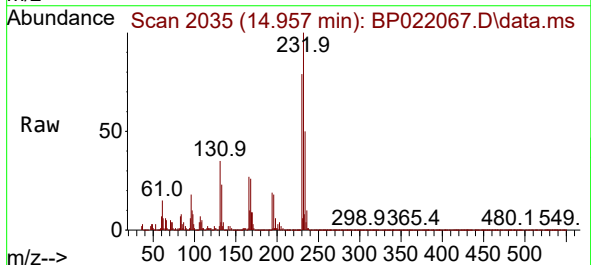
Instrument :
BNA_P
ClientSampleId :
SLCS541

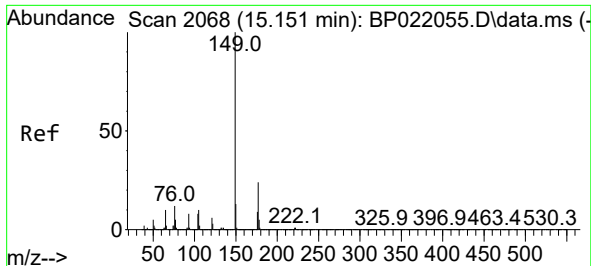
Tgt Ion:165 Resp: 307647
Ion Ratio Lower Upper
165 100
63 41.5 38.6 57.8
182 3.1 2.6 4.0



#58
2,3,4,6-Tetrachlorophenol
Concen: 31.116 ng/ul
RT: 14.957 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion:232 Resp: 289740
Ion Ratio Lower Upper
232 100
131 34.6 28.2 42.2
130 2.0 1.8 2.6
166 27.0 21.8 32.6

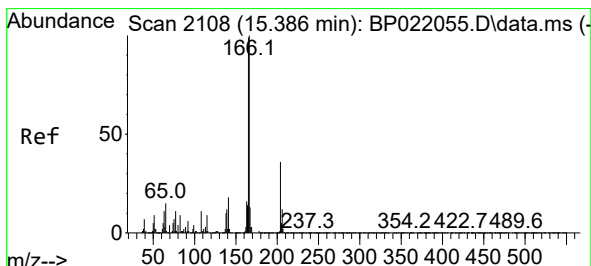
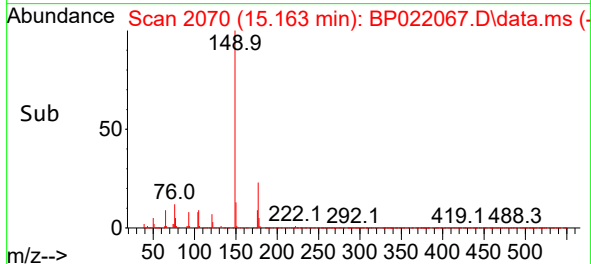
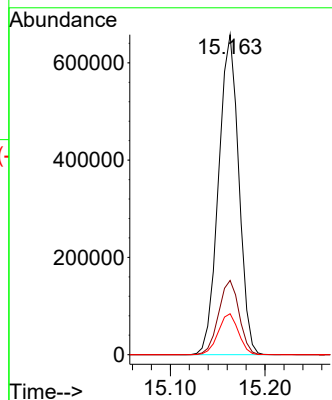
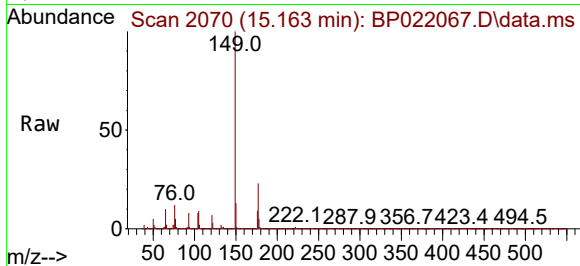




#59
Diethylphthalate
Concen: 31.535 ng/ul
RT: 15.163 min Scan# 2068
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

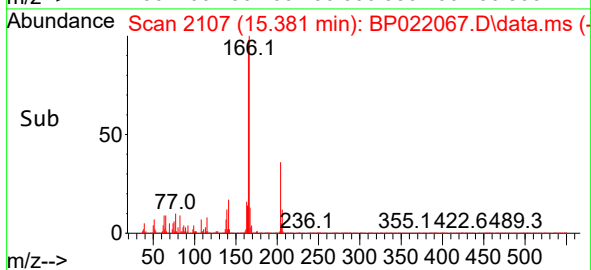
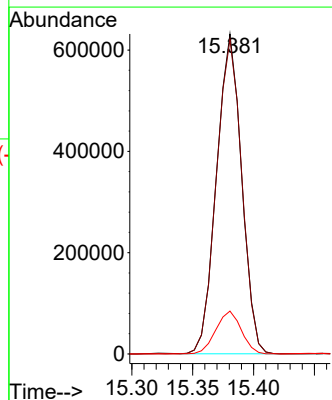
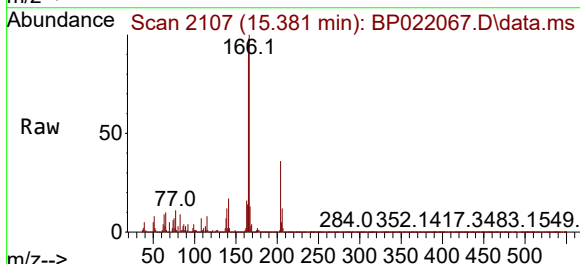
Instrument :
BNA_P
ClientSampleId :
SLCS541

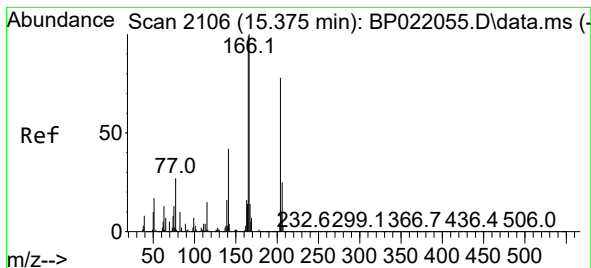
Tgt Ion:149 Resp: 976653
Ion Ratio Lower Upper
149 100
177 23.2 18.6 27.8
150 12.8 9.8 14.6



#61
Fluorene
Concen: 29.288 ng/ul
RT: 15.381 min Scan# 2107
Delta R.T. 0.000 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion:166 Resp: 905088
Ion Ratio Lower Upper
166 100
165 98.3 77.9 116.9
167 13.4 10.5 15.7

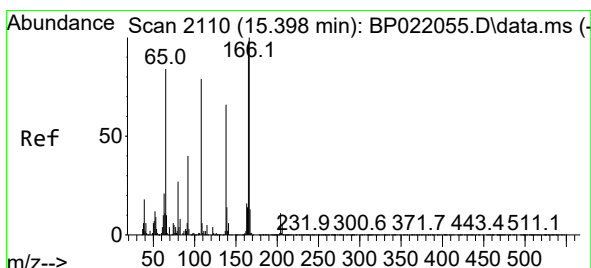
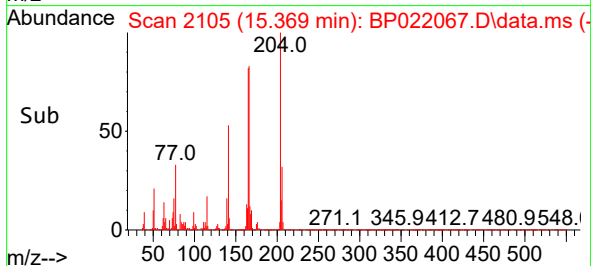
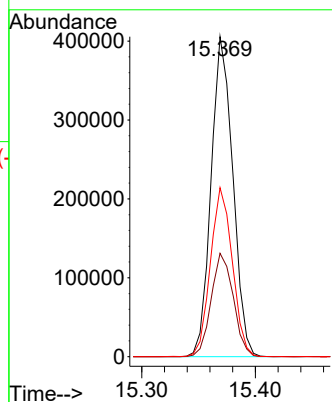
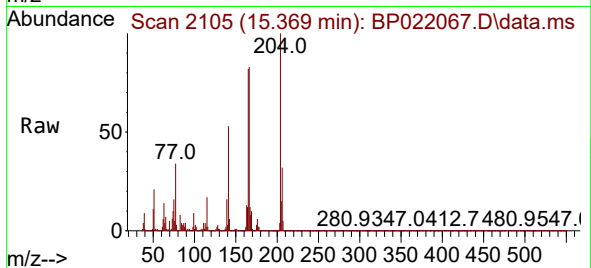




#62
4-Chlorophenyl-phenylether
Concen: 30.295 ng/ul
RT: 15.369 min Scan# 2105
Delta R.T. -0.012 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

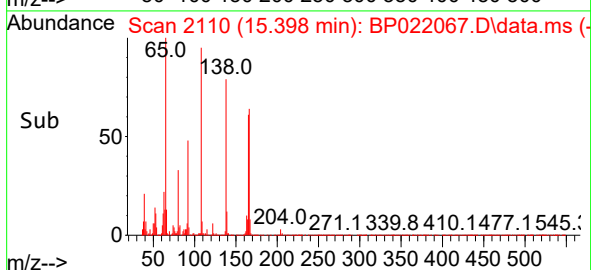
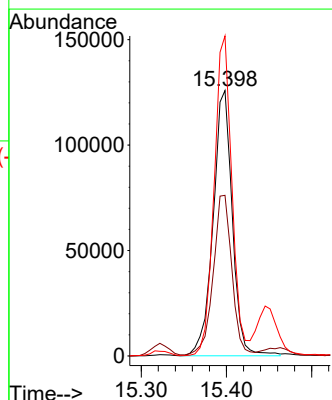
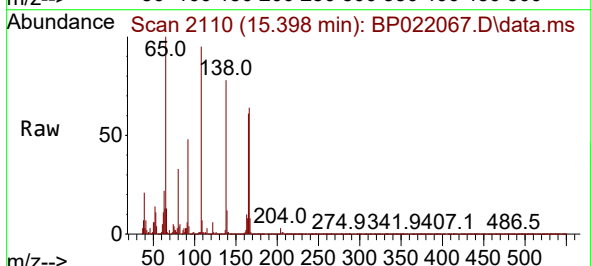
Instrument :
BNA_P
ClientSampleId :
SLCS541

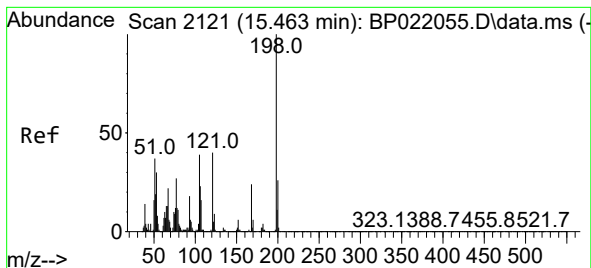
Tgt Ion:204 Resp: 539003
Ion Ratio Lower Upper
204 100
206 32.3 26.7 40.1
141 52.8 42.6 64.0



#63
4-Nitroaniline
Concen: 35.475 ng/ul
RT: 15.398 min Scan# 2110
Delta R.T. 0.000 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion:138 Resp: 197202
Ion Ratio Lower Upper
138 100
92 60.5 48.4 72.6
108 120.5 95.7 143.5

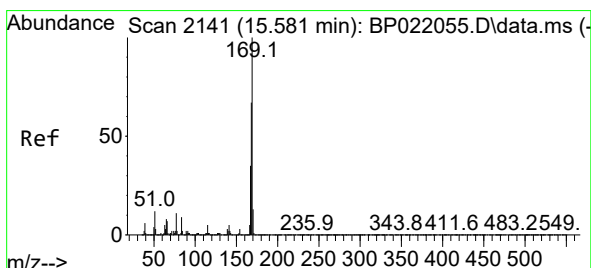
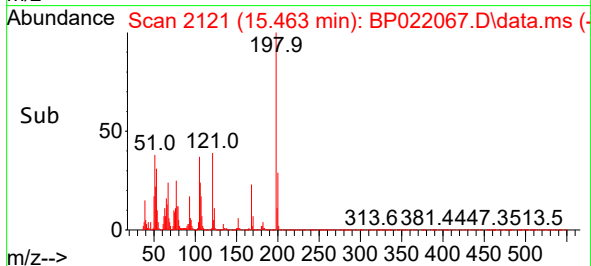
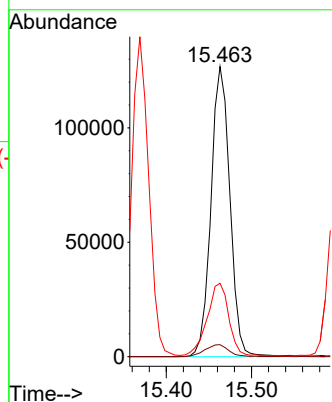
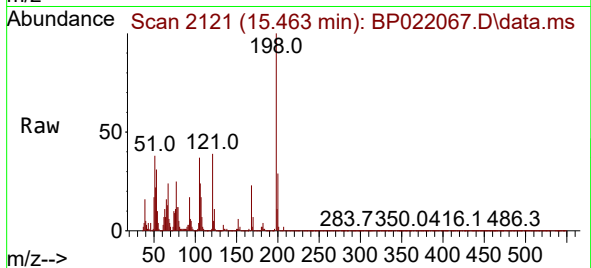




#66
4,6-Dinitro-2-methylphenol
Concen: 28.285 ng/ul
RT: 15.463 min Scan# 2121
Delta R.T. 0.000 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

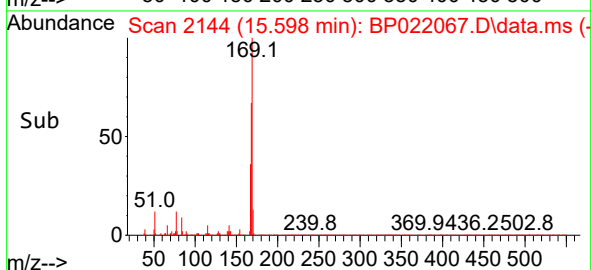
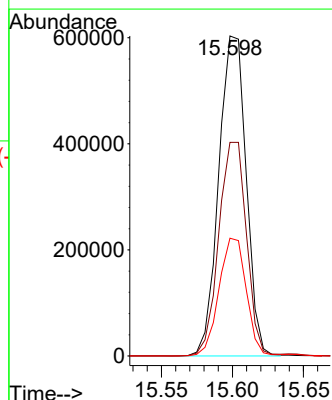
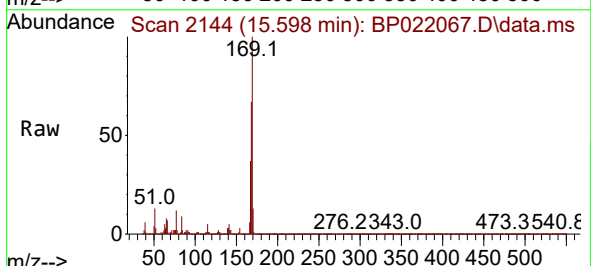
Instrument :
BNA_P
ClientSampleId :
SLCS541

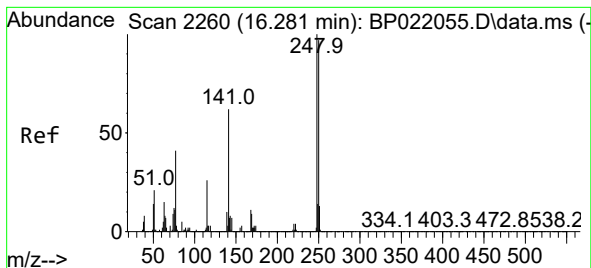
Tgt Ion:198 Resp: 195333
Ion Ratio Lower Upper
198 100
182 4.1 3.4 5.2
77 25.3 19.8 29.8



#67
N-Nitrosodiphenylamine
Concen: 30.102 ng/ul
RT: 15.598 min Scan# 2144
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion:169 Resp: 810049
Ion Ratio Lower Upper
169 100
168 66.8 54.1 81.1
167 36.8 28.7 43.1

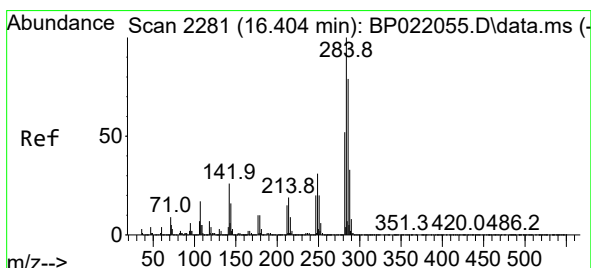
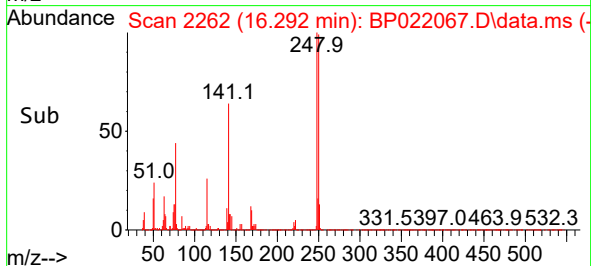
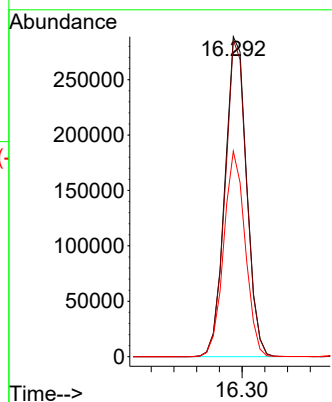
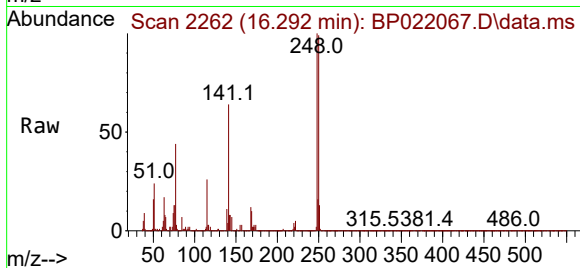




#68
4-Bromophenyl-phenylether
Concen: 31.273 ng/ul
RT: 16.292 min Scan# 21
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

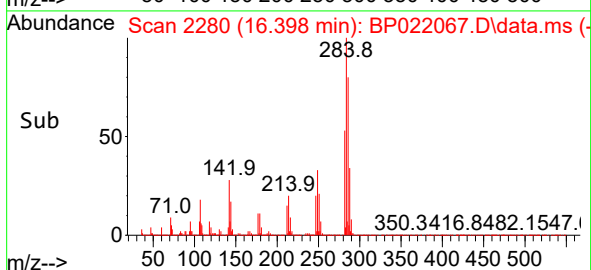
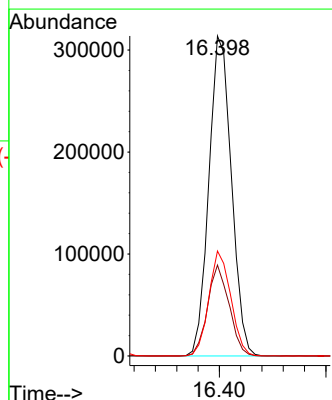
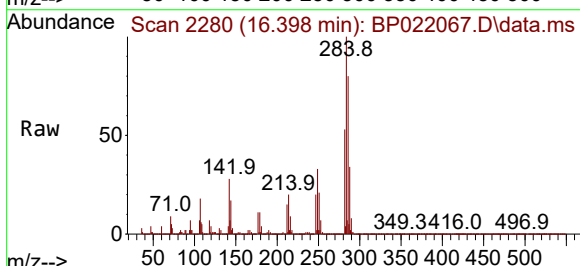
Instrument :
BNA_P
ClientSampleId :
SLCS541

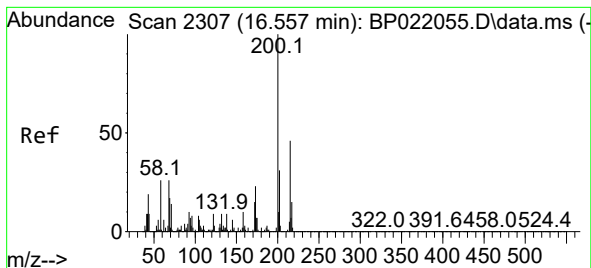
Tgt Ion:248 Resp: 383711
Ion Ratio Lower Upper
248 100
250 99.0 78.4 117.6
141 64.2 51.4 77.0



#69
Hexachlorobenzene
Concen: 30.896 ng/ul
RT: 16.398 min Scan# 2280
Delta R.T. -0.006 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion:284 Resp: 460296
Ion Ratio Lower Upper
284 100
142 28.4 23.4 35.0
249 32.8 25.4 38.0





#70

Atrazine

Concen: 27.670 ng/ul

RT: 16.581 min Scan# 211

Delta R.T. 0.000 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Instrument :

BNA_P

ClientSampleId :

SLCS541

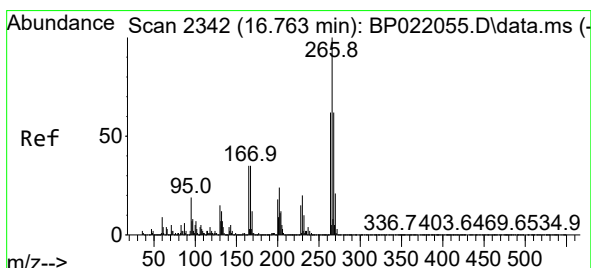
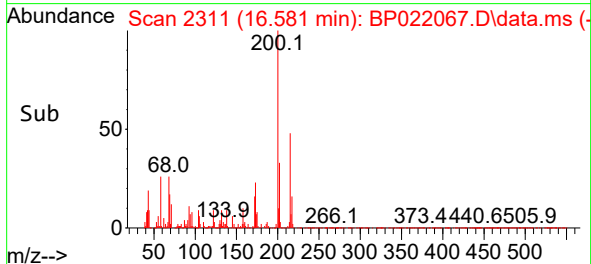
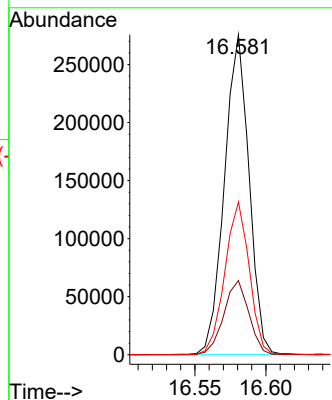
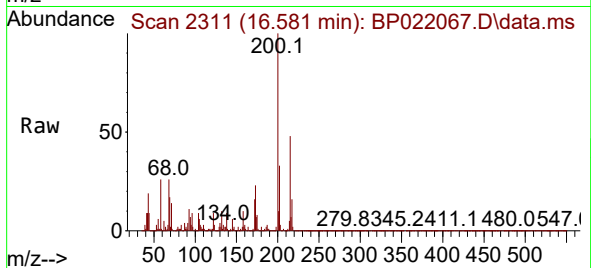
Tgt Ion:200 Resp: 332167

Ion Ratio Lower Upper

200 100

173 23.2 19.0 28.6

215 47.8 38.2 57.2



#71

Pentachlorophenol

Concen: 27.514 ng/ul

RT: 16.763 min Scan# 2342

Delta R.T. 0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

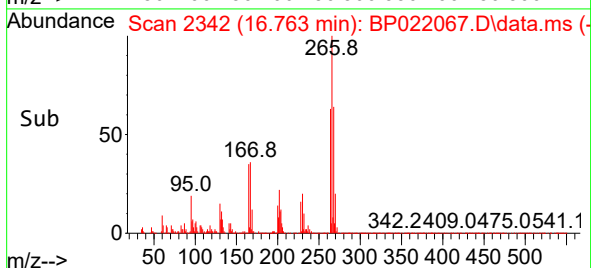
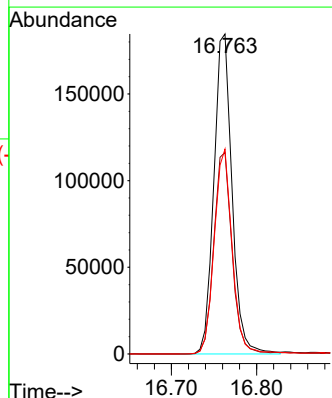
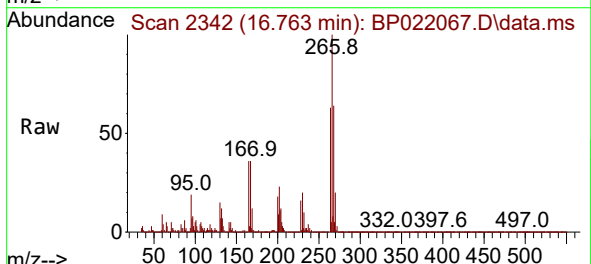
Tgt Ion:266 Resp: 273494

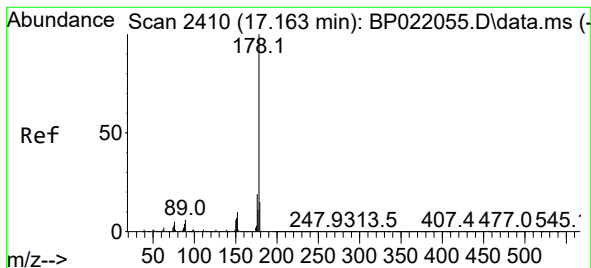
Ion Ratio Lower Upper

266 100

264 63.0 50.2 75.4

268 64.0 51.4 77.0





#72

Phenanthrene

Concen: 30.096 ng/ul

RT: 17.163 min Scan# 2410

Delta R.T. 0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Instrument :

BNA_P

ClientSampleId :

SLCS541

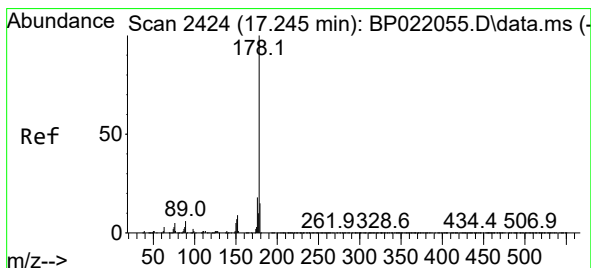
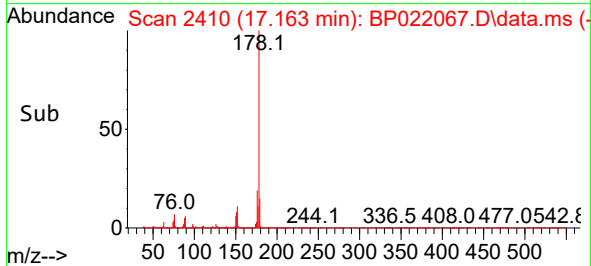
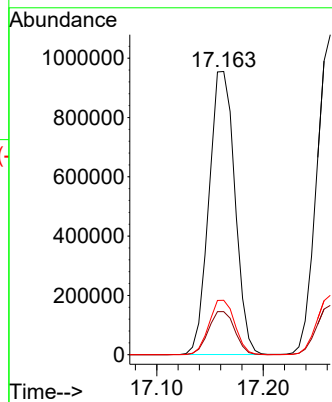
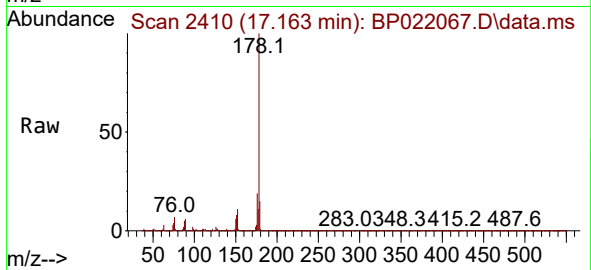
Tgt Ion:178 Resp: 1612259

Ion Ratio Lower Upper

178 100

179 15.2 12.4 18.6

176 19.2 15.0 22.6



#74

Anthracene

Concen: 29.289 ng/ul

RT: 17.263 min Scan# 2427

Delta R.T. 0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

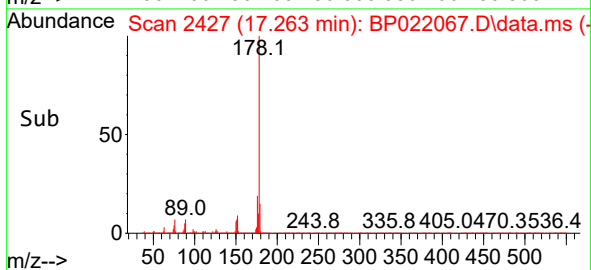
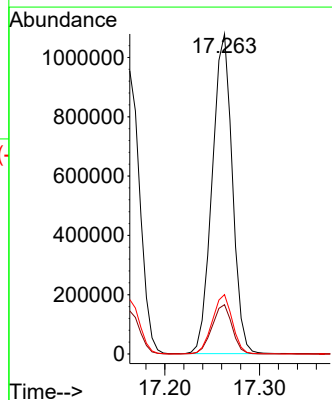
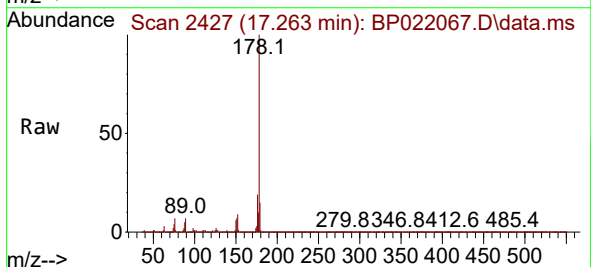
Tgt Ion:178 Resp: 1596705

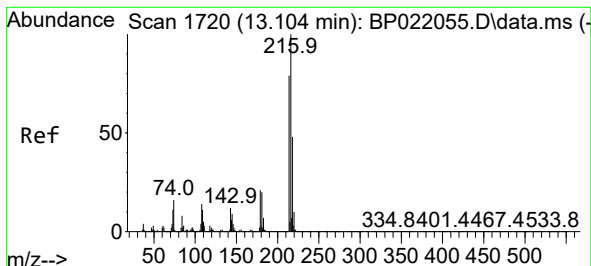
Ion Ratio Lower Upper

178 100

179 15.4 12.3 18.5

176 18.6 14.9 22.3





#75

1,2,3,4-Tetrachlorobenzene

Concen: 29.066 ng/uL

RT: 13.104 min Scan# 1

Delta R.T. -0.012 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Instrument :

BNA_P

ClientSampleId :

SLCS541

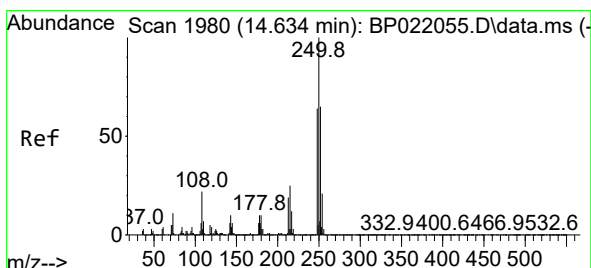
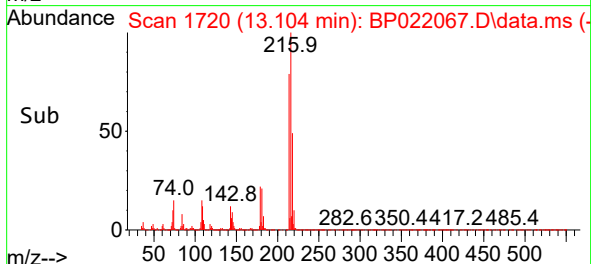
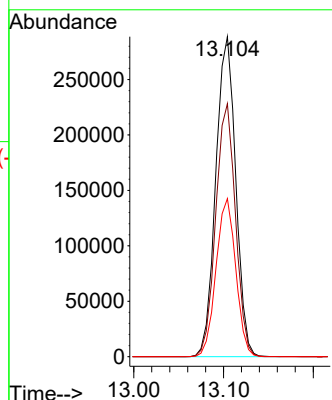
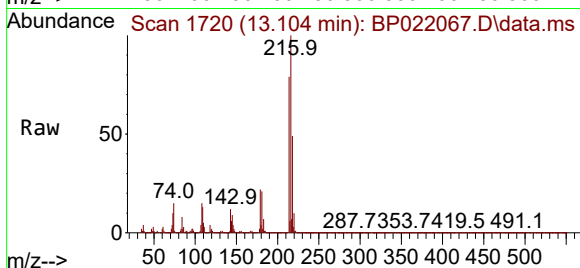
Tgt Ion:216 Resp: 445637

Ion Ratio Lower Upper

216 100

214 79.0 60.6 90.8

218 49.4 38.1 57.1



#76

Pentachlorobenzene

Concen: 29.030 ng/uL

RT: 14.640 min Scan# 1981

Delta R.T. -0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

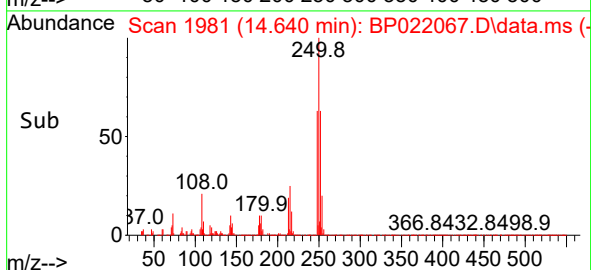
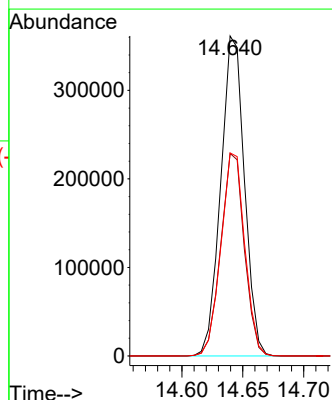
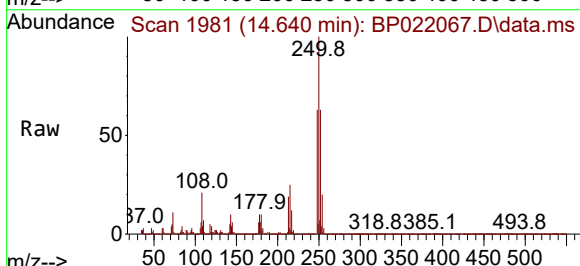
Tgt Ion:250 Resp: 489458

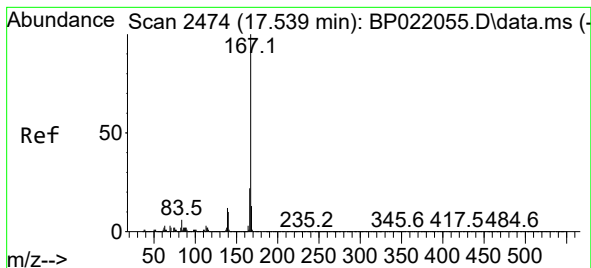
Ion Ratio Lower Upper

250 100

248 63.3 50.3 75.5

252 63.4 50.1 75.1





#77

Carbazole

Concen: 30.290 ng/ul

RT: 17.528 min Scan# 2474

Delta R.T. 0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Instrument :

BNA_P

ClientSampleId :

SLCS541

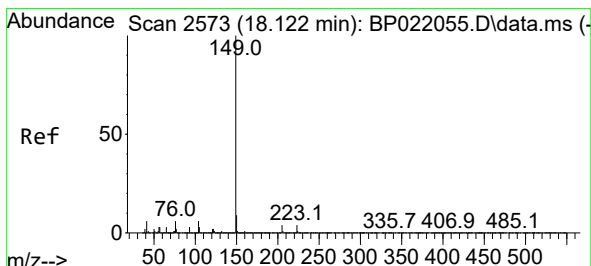
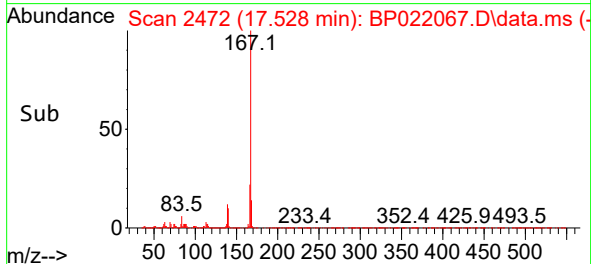
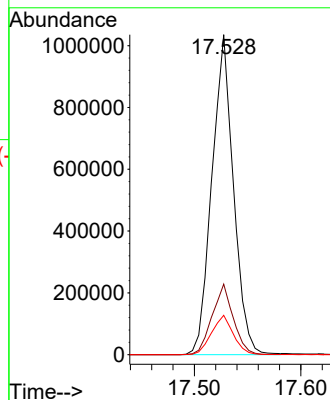
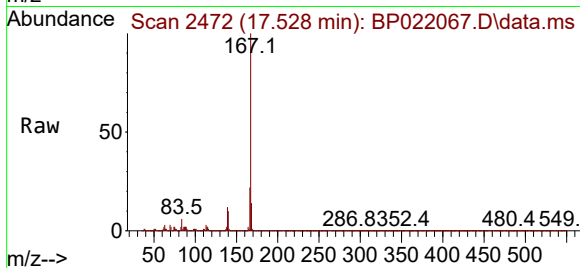
Tgt Ion:167 Resp: 1455357

Ion Ratio Lower Upper

167 100

166 22.1 17.0 25.6

139 12.3 9.9 14.9



#78

Di-n-butylphthalate

Concen: 31.209 ng/ul

RT: 18.128 min Scan# 2574

Delta R.T. 0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

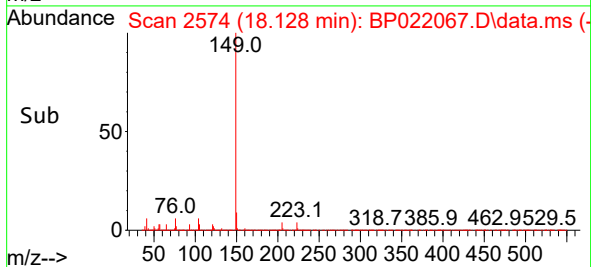
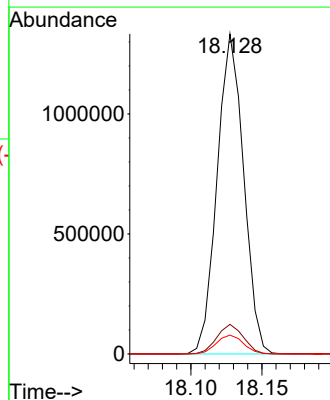
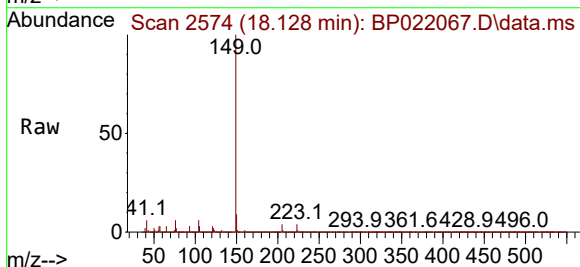
Tgt Ion:149 Resp: 1728797

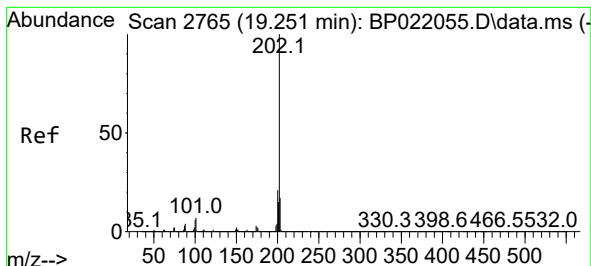
Ion Ratio Lower Upper

149 100

150 9.3 7.2 10.8

104 5.9 5.0 7.6





#80

Fluoranthene

Concen: 31.357 ng/ul

RT: 19.245 min Scan# 21

Delta R.T. 0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Instrument :

BNA_P

ClientSampleId :

SLCS541

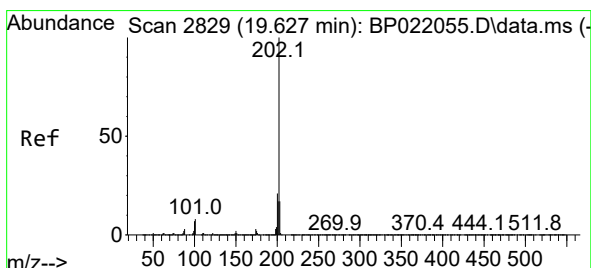
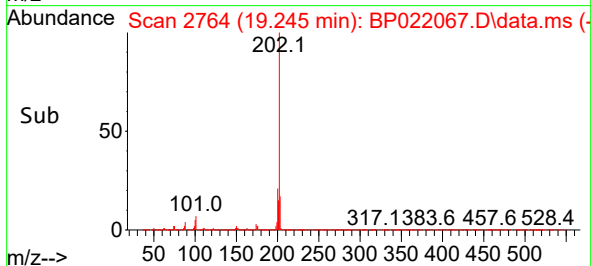
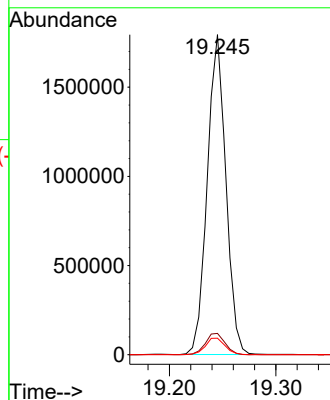
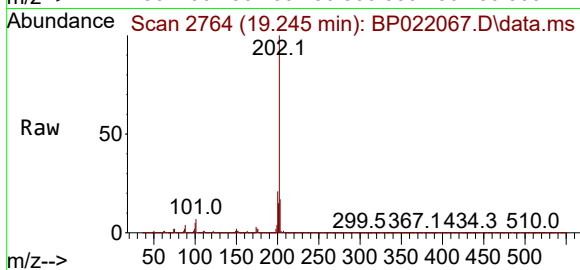
Tgt Ion:202 Resp: 2183708

Ion Ratio Lower Upper

202 100

101 6.7 5.8 8.6

100 5.2 4.6 7.0



#82

Pyrene

Concen: 30.440 ng/ul

RT: 19.622 min Scan# 2828

Delta R.T. 0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

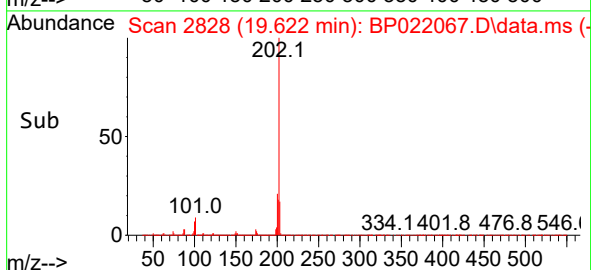
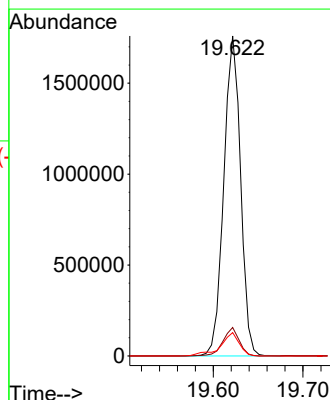
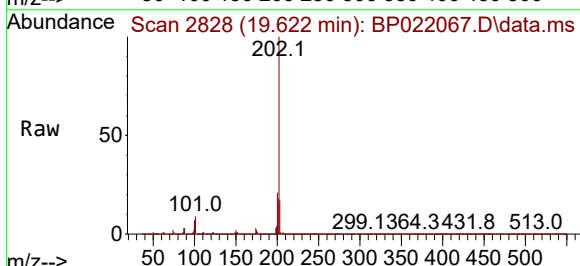
Tgt Ion:202 Resp: 2281786

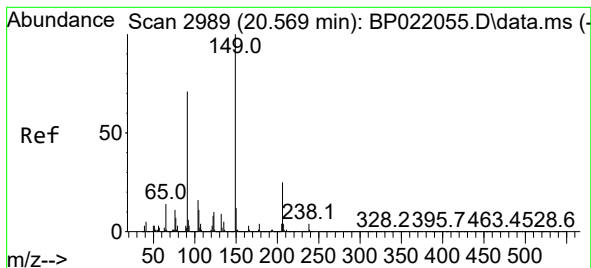
Ion Ratio Lower Upper

202 100

101 8.9 7.4 11.0

100 7.3 6.2 9.2





#83

Butylbenzylphthalate

Concen: 32.641 ng/ul

RT: 20.575 min Scan# 2989

Delta R.T. 0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Instrument :

BNA_P

ClientSampleId :

SLCS541

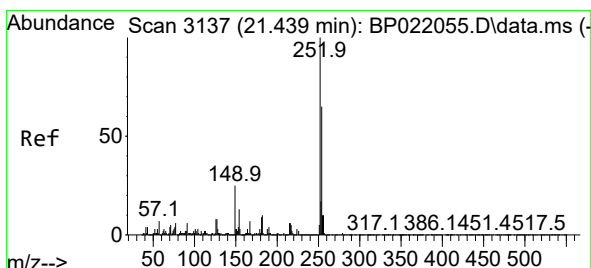
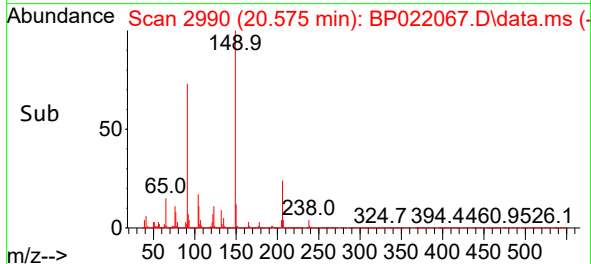
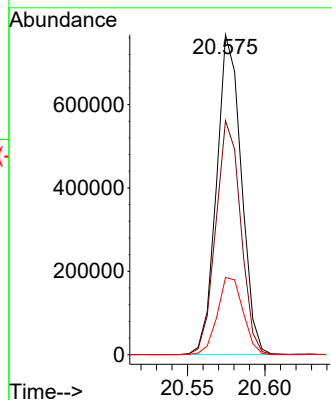
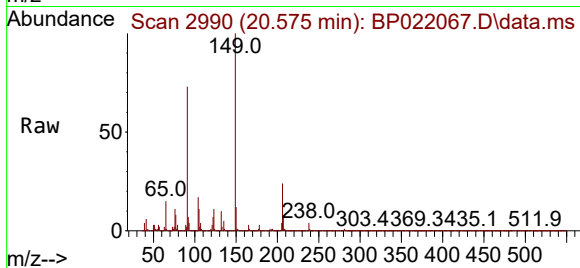
Tgt Ion:149 Resp: 852722

Ion Ratio Lower Upper

149 100

91 73.2 60.2 90.2

206 24.1 19.8 29.6



#84

3,3'-Dichlorobenzidine

Concen: 30.292 ng/ul

RT: 21.451 min Scan# 3139

Delta R.T. 0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

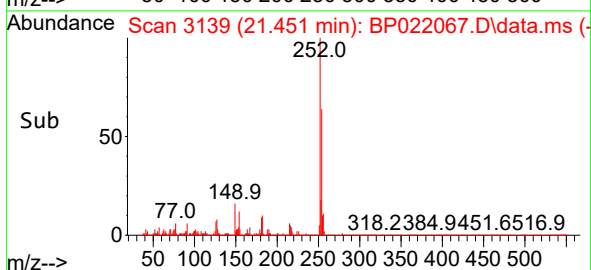
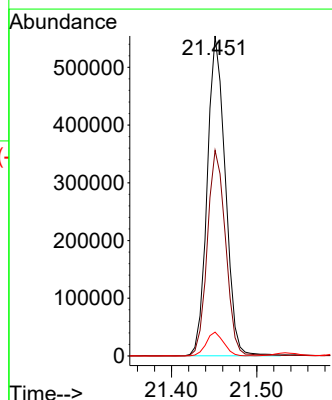
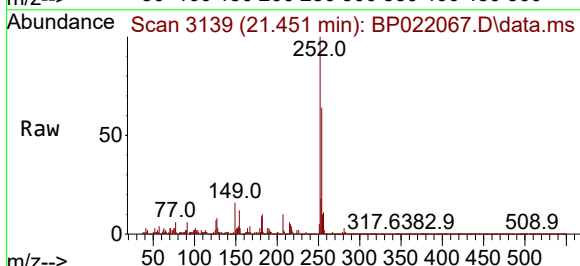
Tgt Ion:252 Resp: 815669

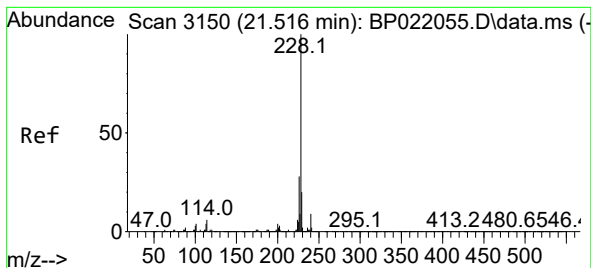
Ion Ratio Lower Upper

252 100

254 64.3 51.2 76.8

126 7.5 5.8 8.8





#85

Benzo(a)anthracene

Concen: 30.563 ng/ul

RT: 21.533 min Scan# 3153

Delta R.T. 0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Instrument :

BNA_P

ClientSampleId :

SLCS541

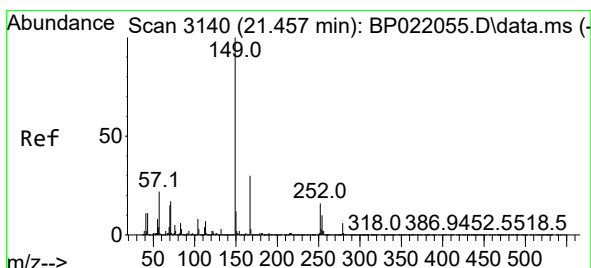
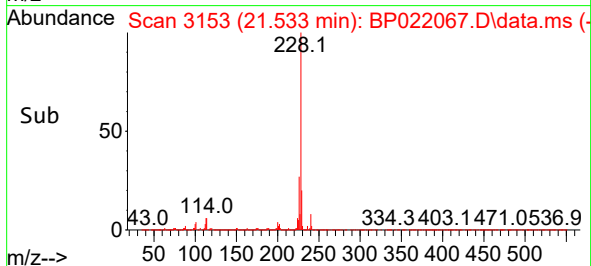
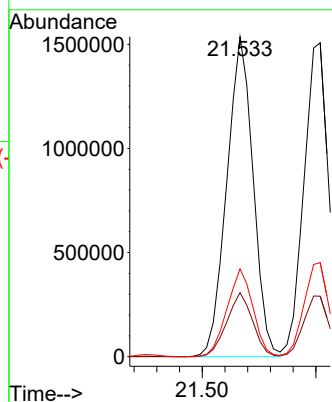
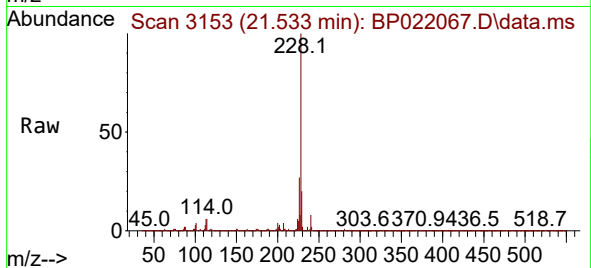
Tgt Ion:228 Resp: 2477050

Ion Ratio Lower Upper

228 100

229 20.0 15.7 23.5

226 27.4 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 32.253 ng/ul

RT: 21.469 min Scan# 3142

Delta R.T. 0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

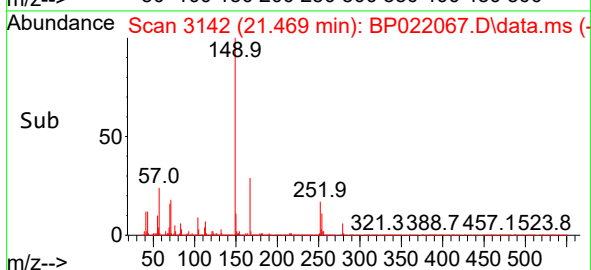
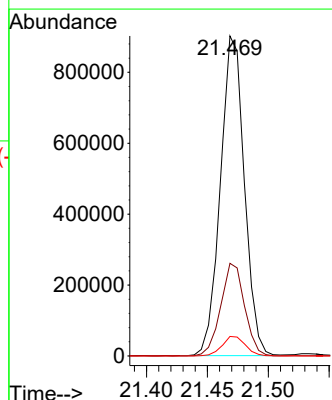
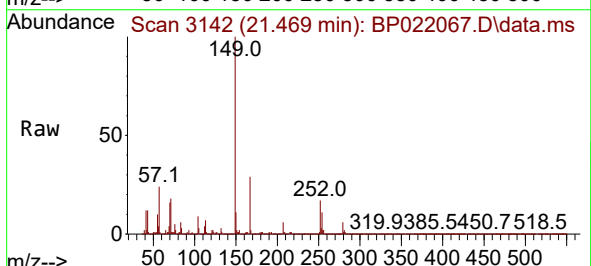
Tgt Ion:149 Resp: 1236240

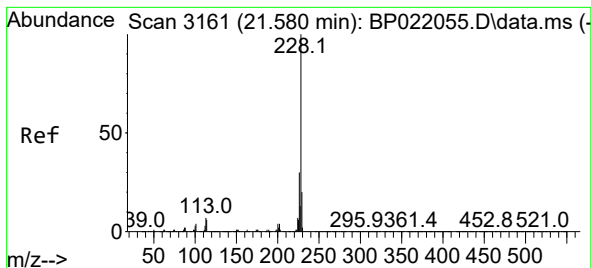
Ion Ratio Lower Upper

149 100

167 28.9 23.0 34.4

279 6.1 4.5 6.7





#87

Chrysene

Concen: 29.796 ng/ul

RT: 21.604 min Scan# 3165

Delta R.T. 0.018 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Instrument :

BNA_P

ClientSampleId :

SLCS541

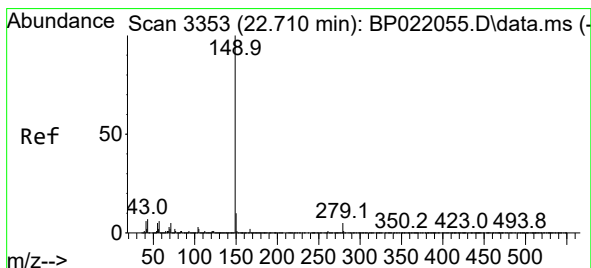
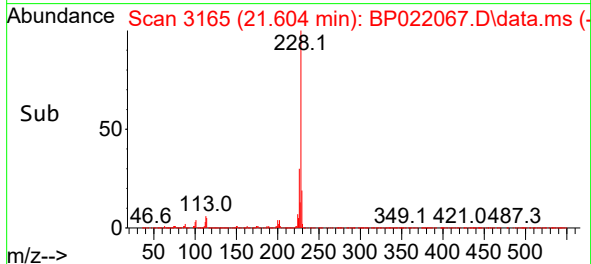
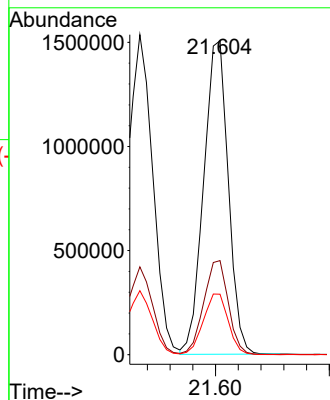
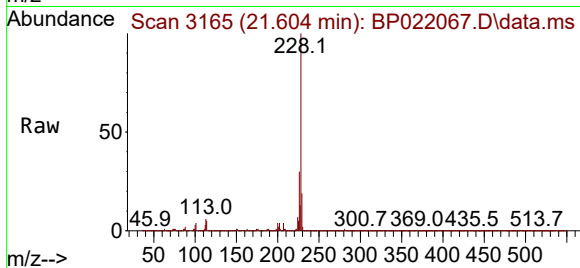
Tgt Ion:228 Resp: 2266429

Ion Ratio Lower Upper

228 100

226 30.0 23.6 35.4

229 19.3 15.7 23.5



#89

Di-n-octyl phthalate

Concen: 32.183 ng/ul

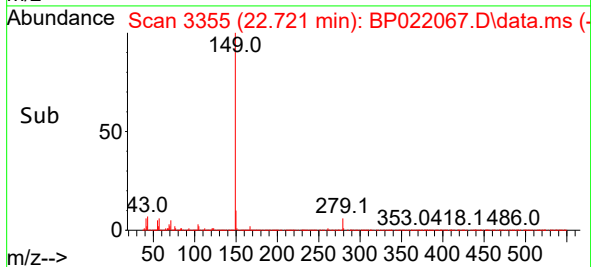
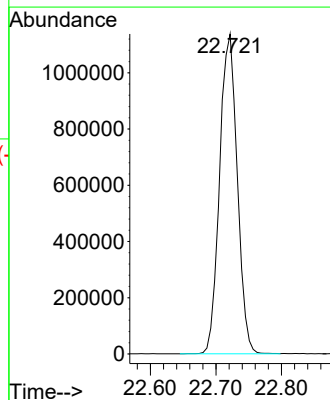
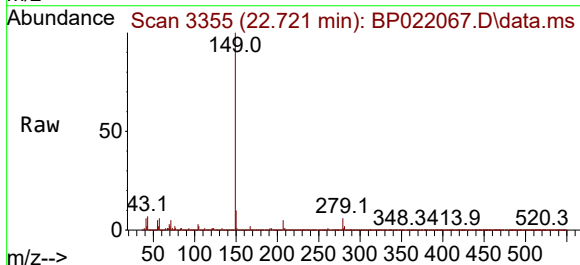
RT: 22.721 min Scan# 3355

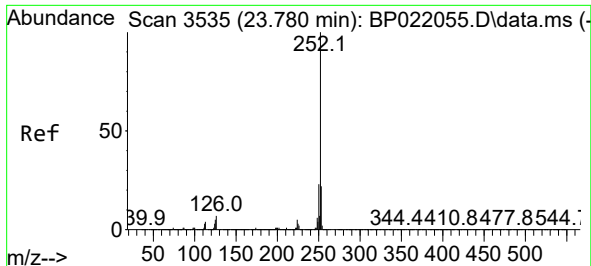
Delta R.T. 0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Tgt Ion:149 Resp: 2122454

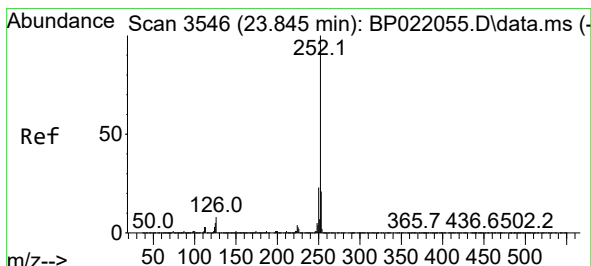
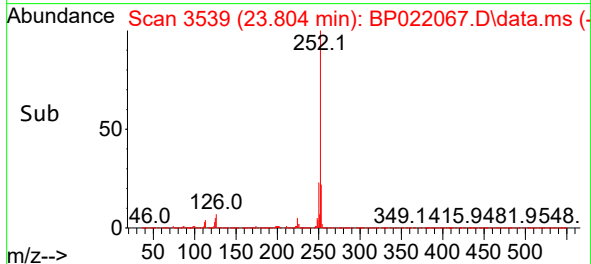
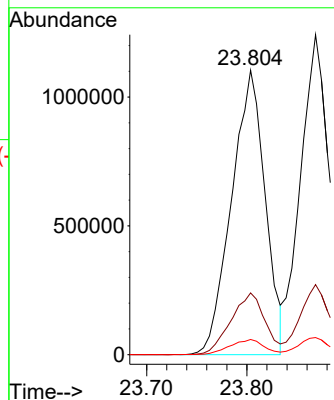
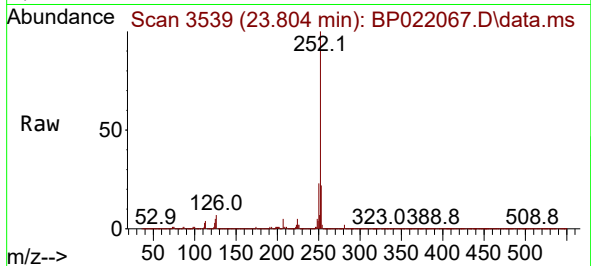




#90
Benzo(b)fluoranthene
Concen: 31.029 ng/ul
RT: 23.804 min Scan# 3539
Delta R.T. 0.018 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

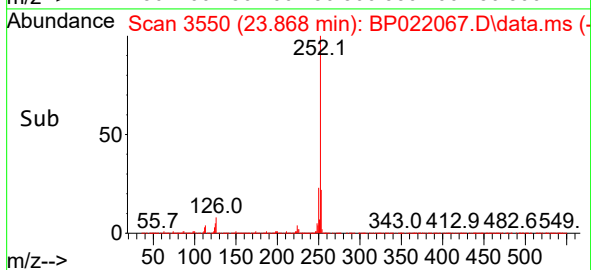
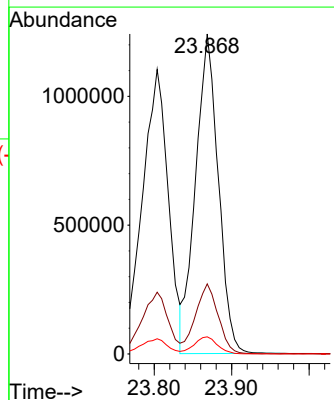
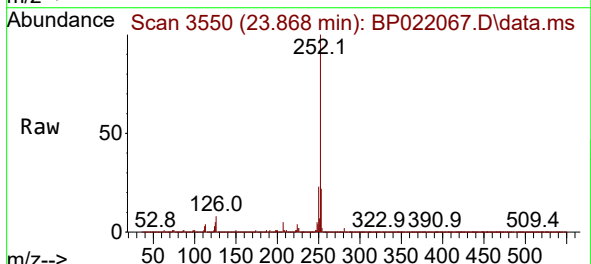
Instrument :
BNA_P
ClientSampleId :
SLCS541

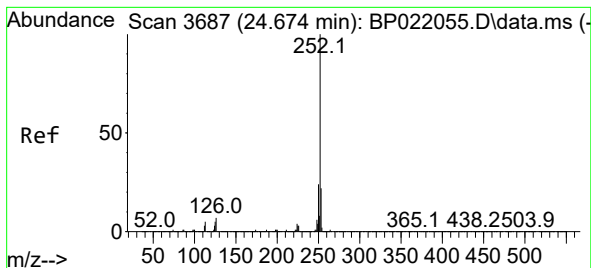
Tgt Ion:252 Resp: 2571448
Ion Ratio Lower Upper
252 100
253 21.7 17.8 26.6
125 5.3 4.8 7.2



#91
Benzo(k)fluoranthene
Concen: 30.585 ng/ul
RT: 23.868 min Scan# 3550
Delta R.T. 0.018 min
Lab File: BP022067.D
Acq: 26 Sep 2024 17:54

Tgt Ion:252 Resp: 2526258
Ion Ratio Lower Upper
252 100
253 21.9 17.4 26.2
125 5.3 5.0 7.6





#93

Benzo(a)pyrene

Concen: 30.704 ng/ul

RT: 24.680 min Scan# 3

Delta R.T. 0.006 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Instrument :

BNA_P

ClientSampleId :

SLCS541

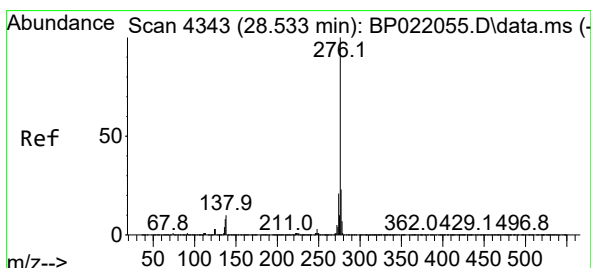
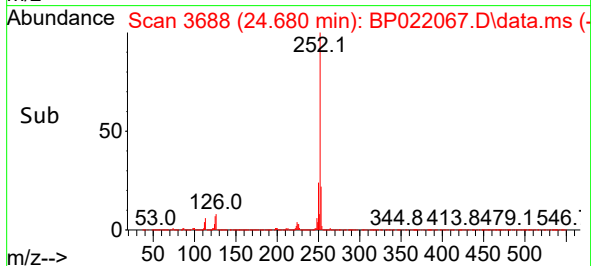
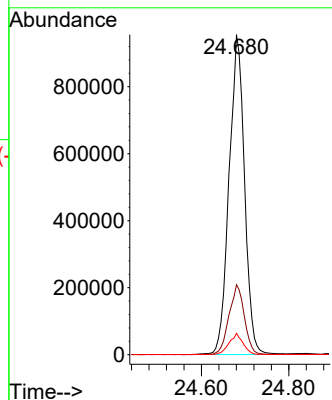
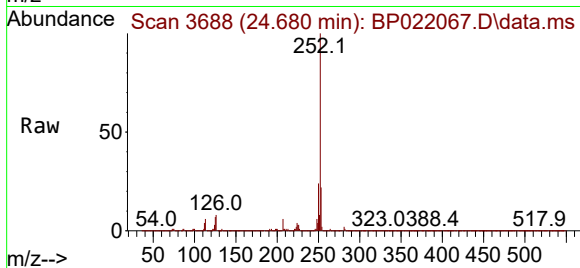
Tgt Ion:252 Resp: 2344631

Ion Ratio Lower Upper

252 100

253 21.9 17.5 26.3

125 6.7 4.8 7.2



#94

Indeno(1,2,3-cd)pyrene

Concen: 24.803 ng/ul

RT: 28.574 min Scan# 4350

Delta R.T. 0.024 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

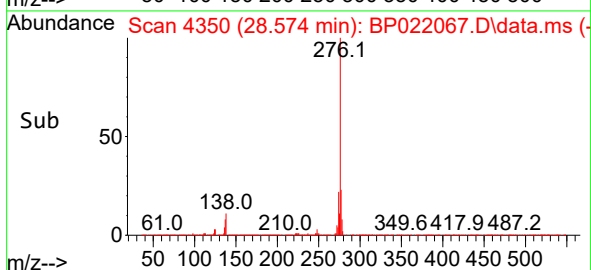
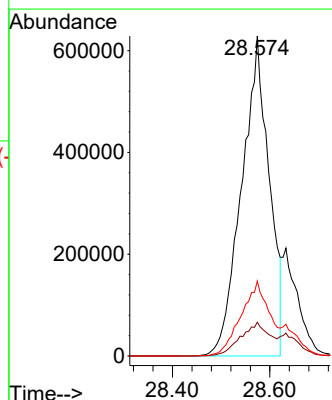
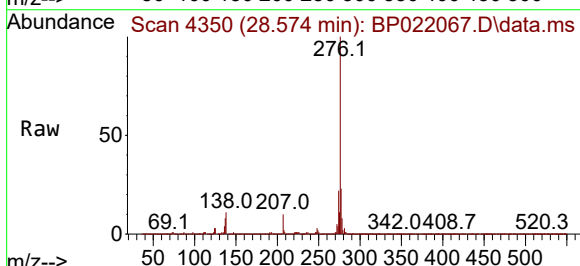
Tgt Ion:276 Resp: 2469551

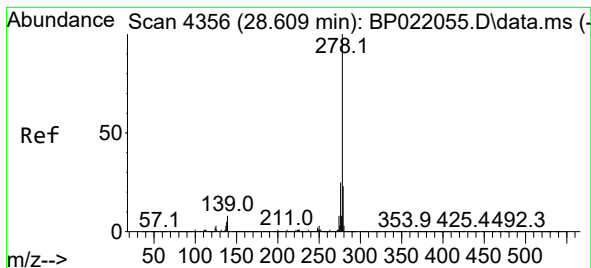
Ion Ratio Lower Upper

276 100

138 10.5 9.2 13.8

277 23.4 19.4 29.0





#95

Dibenzo(a,h)anthracene

Concen: 29.639 ng/ul

RT: 28.633 min Scan# 41

Delta R.T. 0.012 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Instrument :

BNA_P

ClientSampleId :

SLCS541

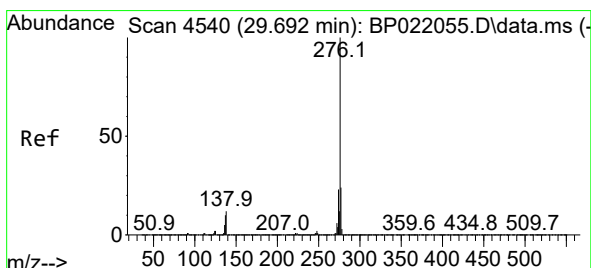
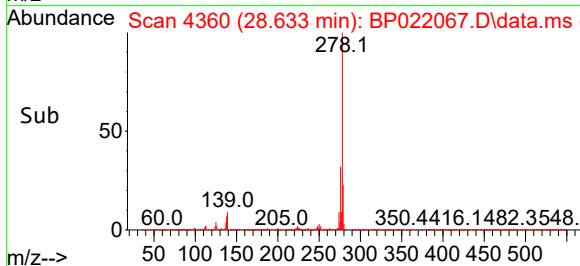
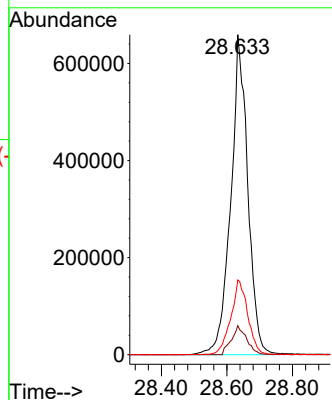
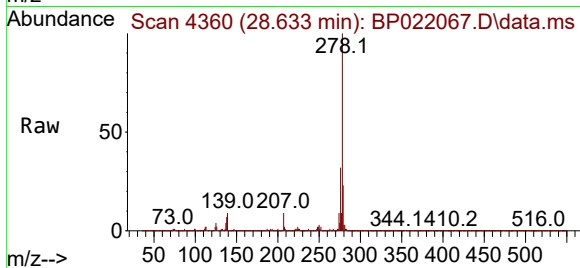
Tgt Ion:278 Resp: 2377259

Ion Ratio Lower Upper

278 100

139 9.1 8.0 12.0

279 23.3 18.6 27.8



#96

Benzo(g,h,i)perylene

Concen: 18.420 ng/ul

RT: 29.715 min Scan# 4544

Delta R.T. 0.012 min

Lab File: BP022067.D

Acq: 26 Sep 2024 17:54

Tgt Ion:276 Resp: 1423057

Ion Ratio Lower Upper

276 100

138 11.0 9.0 13.6

277 24.0 19.1 28.7

