

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082624\
 Data File : BP021667.D
 Acq On : 27 Aug 2024 11:48
 Operator : RC/JU
 Sample : PB162966BS
 Misc :
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS966

Quant Time: Aug 27 22:45:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 05:11:38 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.793	152	333429	20.000	ng/u1	0.00
20) Naphthalene-d8	10.581	136	1400250	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.439	164	960303	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.251	188	2152460	20.000	ng/u1	0.00
79) Chrysene-d12	21.710	240	2152504	20.000	ng/u1	0.02
88) Perylene-d12	25.121	264	2530011	20.000	ng/u1	0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.275	96	58494	5.824	ng/uL	0.00
4) Pyridine-d5	3.687	84	718074	24.719	ng/u1	0.00
7) Phenol-d5	6.957	99	931419	26.175	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.122	67	508161	26.241	ng/u1	0.00
11) 2-Chlorophenol-d4	7.328	132	603125	26.254	ng/u1	0.00
15) 4-Methylphenol-d8	8.493	113	715716	26.029	ng/u1	0.00
21) Nitrobenzene-d5	8.940	128	306851	27.238	ng/u1	0.00
24) 2-Nitrophenol-d4	9.657	143	313585	27.423	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.198	165	617569	27.406	ng/u1	0.00
31) 4-Chloroaniline-d4	10.710	131	775136	23.644	ng/u1	0.00
46) Dimethylphthalate-d6	13.839	166	2015329	27.427	ng/u1	0.00
49) Acenaphthylene-d8	14.128	160	2207763	26.761	ng/u1	0.00
54) 4-Nitrophenol-d4	14.639	143	402644	28.802	ng/u1	0.01
60) Fluorene-d10	15.451	176	1696675	27.465	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.575	200	317212	26.795	ng/u1	0.00
73) Anthracene-d10	17.357	188	2694921	26.381	ng/u1	0.00
81) Pyrene-d10	19.721	212	3340791	27.151	ng/u1	0.00
92) Benzo(a)pyrene-d12	24.880	264	3633177	26.931	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.311	88	101345	9.495	ng/uL	94
5) Pyridine	3.711	79	720077	24.806	ng/u1	98
6) Benzaldehyde	6.934	77	408819	22.462	ng/u1	98
8) Phenol	6.987	94	971200	26.176	ng/u1	99
10) Bis(2-Chloroethyl)ether	7.216	93	759009	26.317	ng/u1	99
12) 2-Chlorophenol	7.363	128	649211	26.925	ng/u1	99
13) 2-Methylphenol	8.228	108	694323	25.940	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.316	45	741078	26.622	ng/u1	98
16) Acetophenone	8.604	105	1148855	26.062	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.593	70	548407	26.362	ng/u1	97
18) 4-Methylphenol	8.552	108	769147	26.247	ng/u1	98
19) Hexachloroethane	8.869	117	291673	27.053	ng/u1	95
22) Nitrobenzene	8.981	77	848023	26.996	ng/u1	99
23) Isophorone	9.510	82	1683383	26.705	ng/u1	100
25) 2-Nitrophenol	9.693	139	349871	27.615	ng/u1	97
26) 2,4-Dimethylphenol	9.751	107	681216	21.907	ng/u1	99
27) Bis(2-Chloroethoxy)met...	9.987	93	1051900	26.608	ng/u1	98
29) 2,4-Dichlorophenol	10.222	162	610057	26.941	ng/u1	98
30) Naphthalene	10.628	128	2060102	26.104	ng/u1	99
32) 4-Chloroaniline	10.734	127	720513	21.769	ng/u1	100
33) Hexachlorobutadiene	10.922	225	396002	26.064	ng/u1	99
34) Caprolactam	11.510	113	259410	27.091	ng/u1	98
35) 4-Chloro-3-methylphenol	11.857	107	843644	28.149	ng/u1	100
36) 2-Methylnaphthalene	12.245	142	1418475	26.573	ng/u1	100

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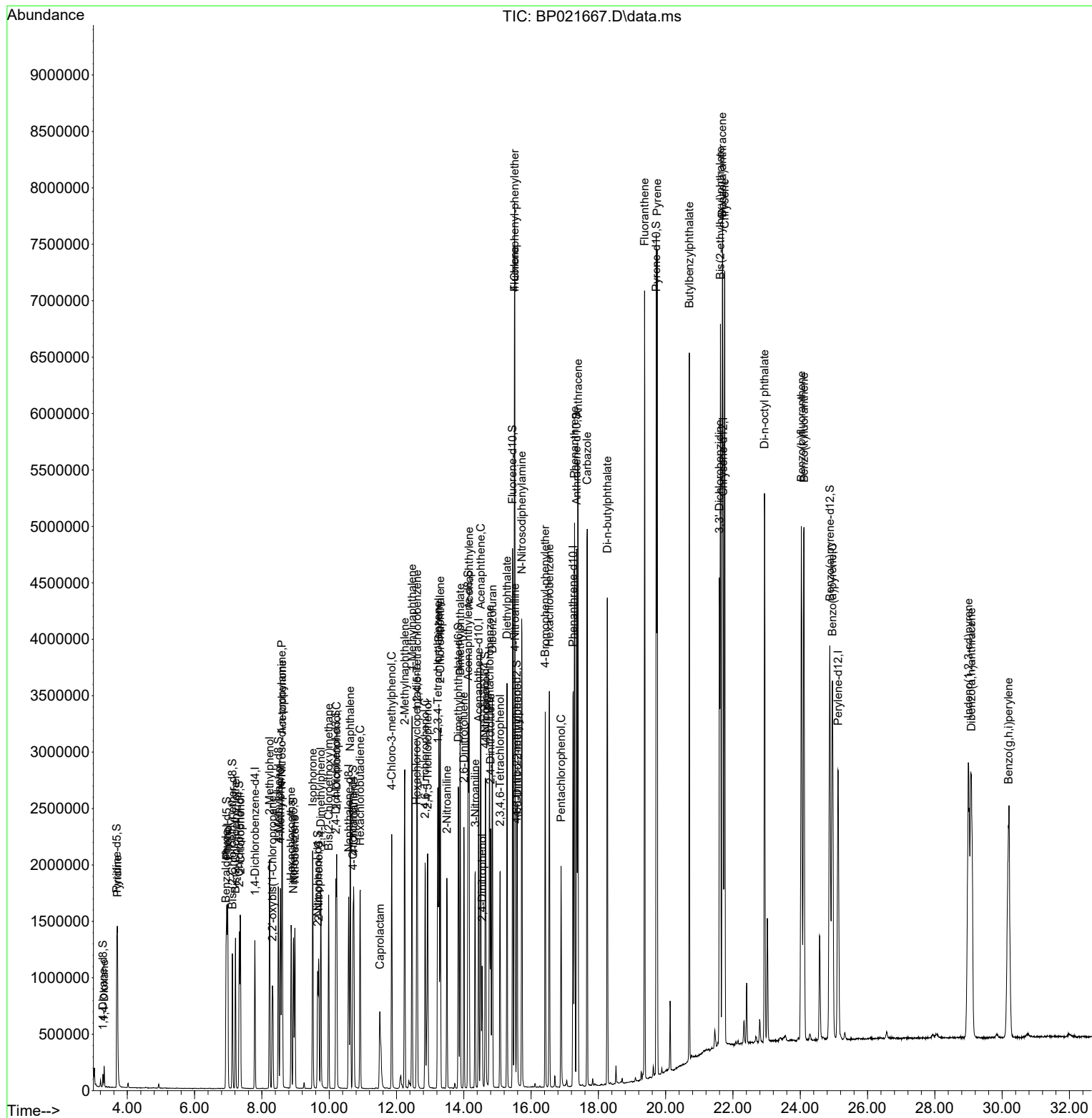
Instrument :
 BNA_P
 ClientSampleId :
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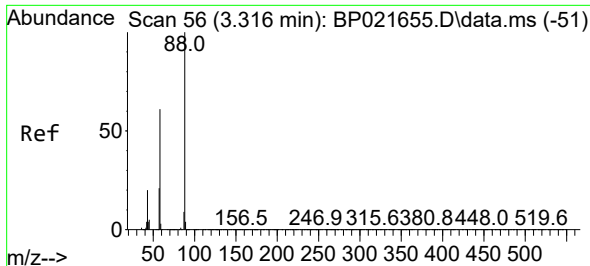
Quant Time: Aug 27 22:45:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP082324.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Tue Aug 27 05:11:38 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.463	142	1433516	26.700	ng/ul	98
39) 1,2,4,5-Tetrachloroben...	12.616	216	785455	25.951	ng/ul	99
40) Hexachlorocyclopentadiene	12.598	237	382982	22.052	ng/ul	98
41) 2,4,6-Trichlorophenol	12.851	196	453658	23.280	ng/ul	99
42) 2,4,5-Trichlorophenol	12.928	196	517692	24.603	ng/ul	100
43) 1,1'-Biphenyl	13.257	154	1891270	26.031	ng/ul	98
44) 2-Chloronaphthalene	13.304	162	1479964	25.980	ng/ul	98
45) 2-Nitroaniline	13.498	65	525418	29.442	ng/ul	95
47) Dimethylphthalate	13.892	163	2007833	27.289	ng/ul	99
48) 2,6-Dinitrotoluene	14.004	165	405701	29.898	ng/ul	100
50) Acenaphthylene	14.157	152	2475035	27.895	ng/ul	99
51) 3-Nitroaniline	14.339	138	436034	29.406	ng/ul	97
52) Acenaphthene	14.504	153	1620172	25.966	ng/ul	99
53) 2,4-Dinitrophenol	14.545	184	205330	25.276	ng/ul	95
55) 4-Nitrophenol	14.651	109	377035	29.455	ng/ul	96
56) Dibenzofuran	14.851	168	2340717	27.116	ng/ul	100
57) 2,4-Dinitrotoluene	14.798	165	615557	30.188	ng/ul	99
58) 2,3,4,6-Tetrachlorophenol	15.081	232	398203	21.965	ng/ul	97
59) Diethylphthalate	15.286	149	2076660	28.107	ng/ul	100
61) Fluorene	15.510	166	1916942	27.455	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.510	204	953926	27.191	ng/ul	99
63) 4-Nitroaniline	15.528	138	478404	33.382	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.592	198	347785	26.262	ng/ul	99
67) N-Nitrosodiphenylamine	15.722	169	1678271	26.505	ng/ul	98
68) 4-Bromophenyl-phenylether	16.422	248	629223	26.480	ng/ul	97
69) Hexachlorobenzene	16.545	284	750425	26.602	ng/ul	100
71) Pentachlorophenol	16.892	266	341972	18.942	ng/ul	99
72) Phenanthrene	17.292	178	3262491	27.608	ng/ul	99
74) Anthracene	17.392	178	3177117	26.538	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.228	216	779983	24.373	ng/uL	98
76) Pentachlorobenzene	14.769	250	807407	24.342	ng/uL	99
77) Carbazole	17.669	167	3026831	28.111	ng/ul	100
78) Di-n-butylphthalate	18.269	149	3816085	29.116	ng/ul	100
80) Fluoranthene	19.374	202	3968583	27.639	ng/ul	100
82) Pyrene	19.751	202	4133792	27.183	ng/ul	98
83) Butylbenzylphthalate	20.704	149	1764836	28.344	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.598	252	1375899	25.364	ng/ul	98
85) Benzo(a)anthracene	21.686	228	4230079	27.627	ng/ul	100
86) Bis(2-ethylhexyl)phtha...	21.627	149	2549197	27.739	ng/ul	99
87) Chrysene	21.757	228	3959086	27.474	ng/ul	100
89) Di-n-octyl phthalate	22.939	149	4367899	27.274	ng/ul	100
90) Benzo(b)fluoranthene	24.033	252	4426741	27.963	ng/ul	100
91) Benzo(k)fluoranthene	24.110	252	4280145	27.618	ng/ul	99
93) Benzo(a)pyrene	24.957	252	3945261	27.051	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.997	276	5112781	27.188	ng/ul	99
95) Dibenzo(a,h)anthracene	29.086	278	4198353	27.783	ng/ul	99
96) Benzo(g,h,i)perylene	30.192	276	2419841	16.654	ng/ul	98

(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Tue Aug 27 05:11:38 2024
Response via : Initial Calibration

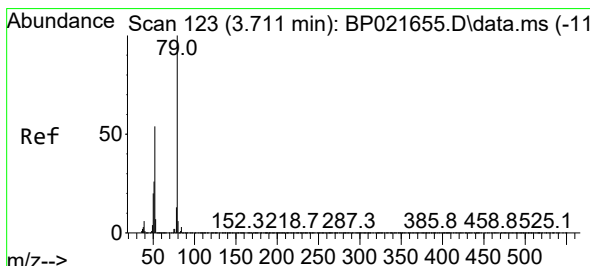
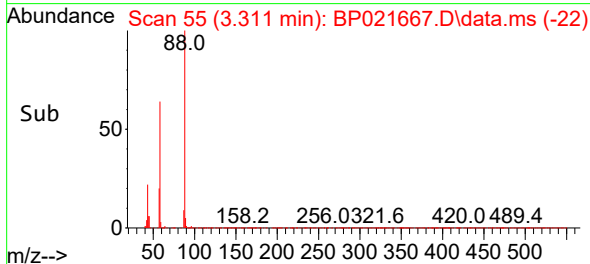
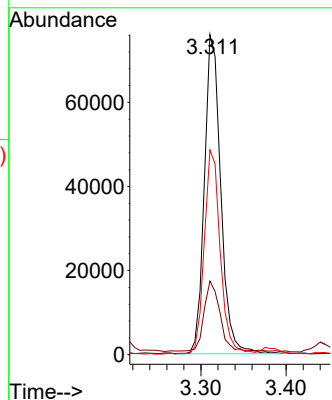
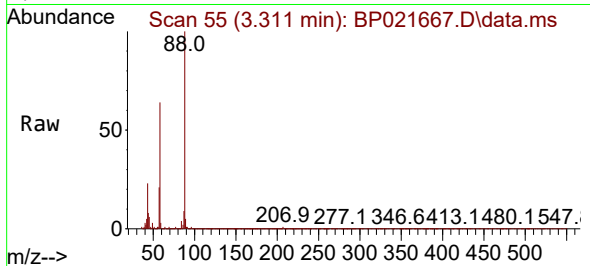




#2
1,4-Dioxane
Concen: 9.495 ng/uL
RT: 3.311 min Scan# 51
Delta R.T. -0.006 min
Lab File: BP021667.D
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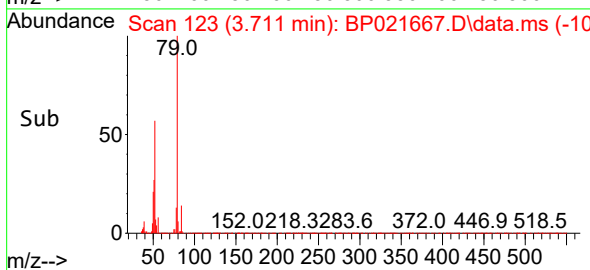
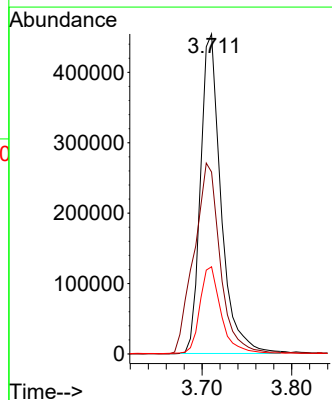
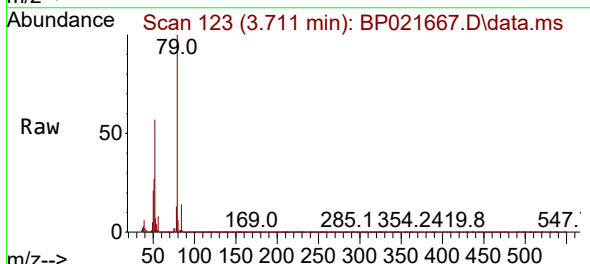
Instrument :
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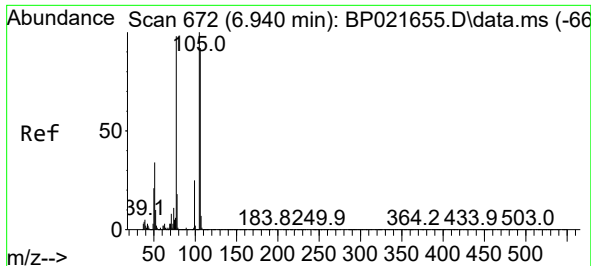
Tgt Ion: 88 Resp: 101345
Ion Ratio Lower Upper
88 100
43 23.0 15.4 23.2
58 64.0 48.2 72.2



#5
Pyridine
Concen: 24.806 ng/uL
RT: 3.711 min Scan# 123
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion: 79 Resp: 720077
Ion Ratio Lower Upper
79 100
52 56.9 46.8 70.2
51 27.3 21.7 32.5

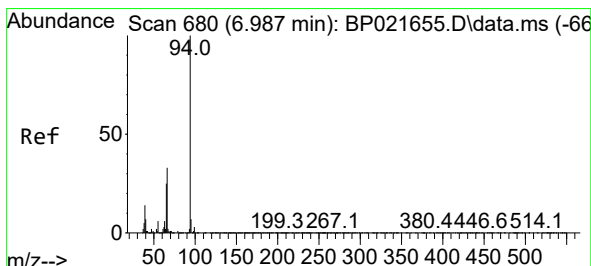
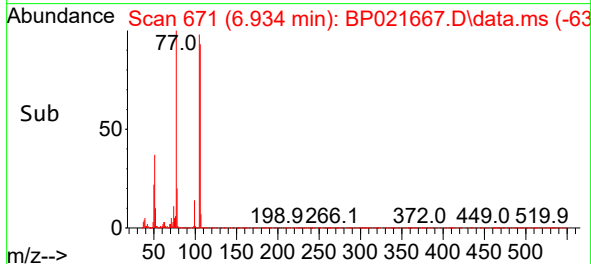
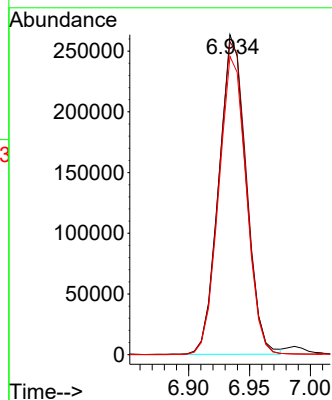
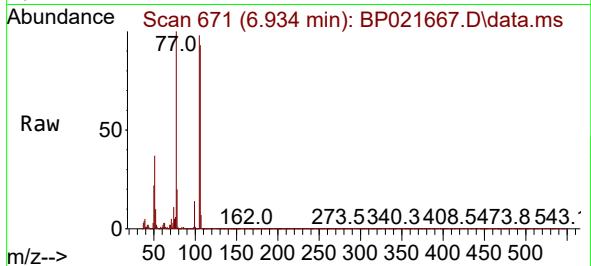




#6
Benzaldehyde
Concen: 22.462 ng/ul
RT: 6.934 min Scan# 61
Delta R.T. -0.006 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

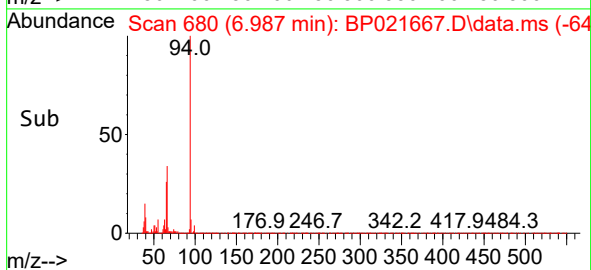
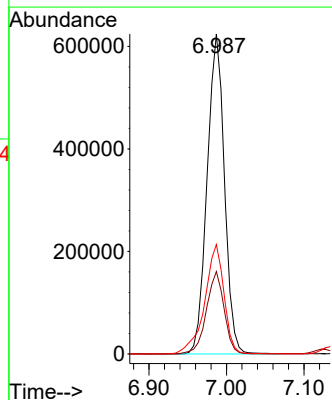
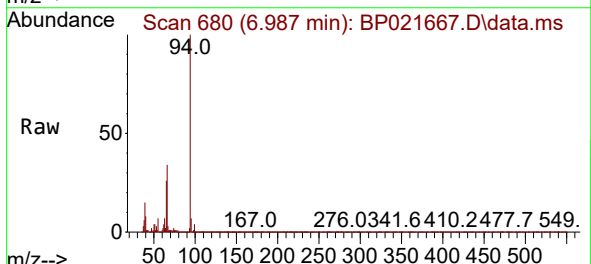
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BNA_P
ClientSampleId :
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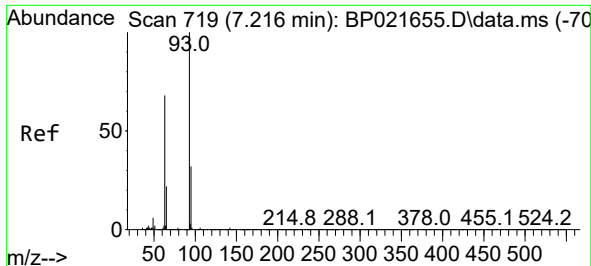
Tgt Ion: 77 Resp: 408819
Ion Ratio Lower Upper
77 100
105 97.8 80.2 120.4
106 93.2 76.2 114.4



#8
Phenol
Concen: 26.176 ng/ul
RT: 6.987 min Scan# 680
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion: 94 Resp: 971200
Ion Ratio Lower Upper
94 100
65 25.8 20.0 30.0
66 34.2 27.0 40.4



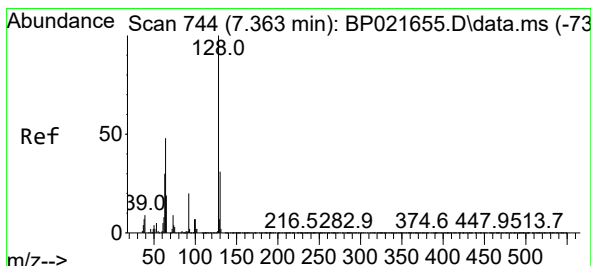
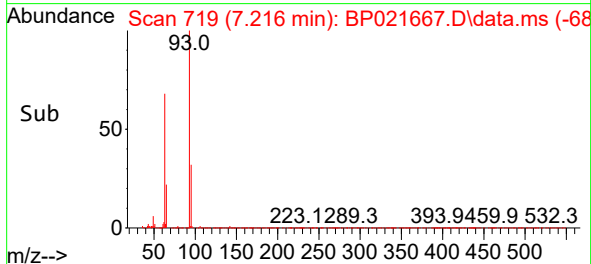
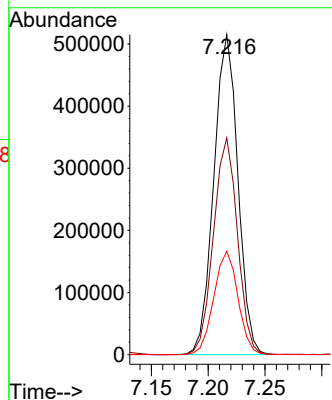
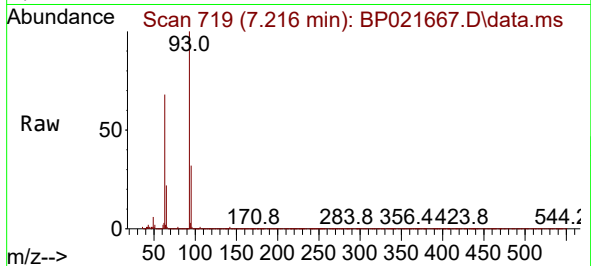


#10
 Bis(2-Chloroethyl)ether
 Concen: 26.317 ng/ul
 RT: 7.216 min Scan# 719
 Delta R.T. 0.000 min
 Lab File: BP021667.D
 Acq: 27 Aug 2024 11:48

Instrument :
 BNA_P
 ClientSampleId :
 SLCS966

Tgt Ion: 93 Resp: 759009

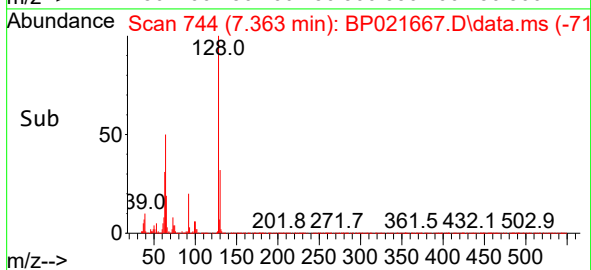
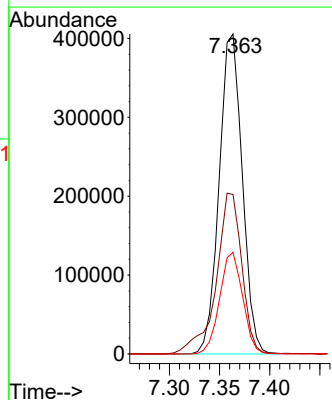
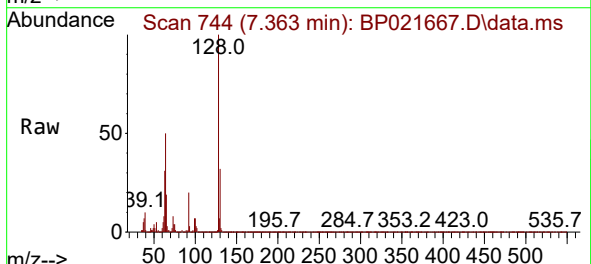
Ion	Ratio	Lower	Upper
93	100		
63	67.8	54.9	82.3
95	32.4	26.0	39.0

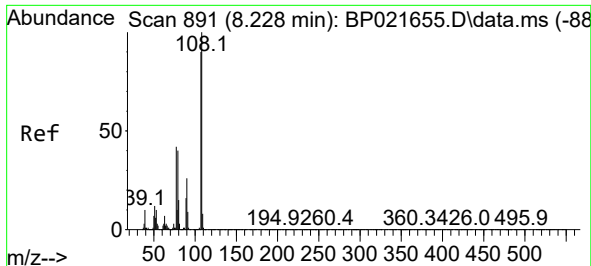


#12
 2-Chlorophenol
 Concen: 26.925 ng/ul
 RT: 7.363 min Scan# 744
 Delta R.T. 0.000 min
 Lab File: BP021667.D
 Acq: 27 Aug 2024 11:48

Tgt Ion: 128 Resp: 649211

Ion	Ratio	Lower	Upper
128	100		
64	49.8	39.5	59.3
130	31.8	25.9	38.9





#13

2-Methylphenol

Concen: 25.940 ng/ul

RT: 8.228 min Scan# 891

Delta R.T. 0.000 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

Instrument :

BNA_P

ClientSampleId :

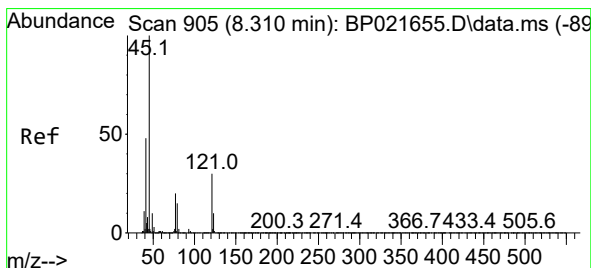
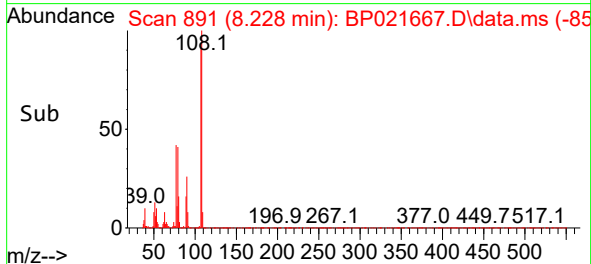
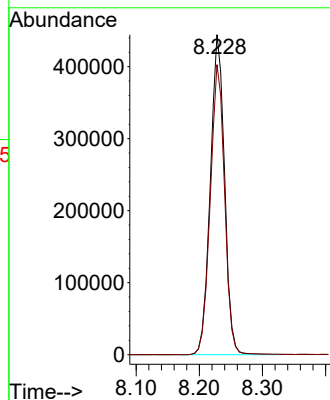
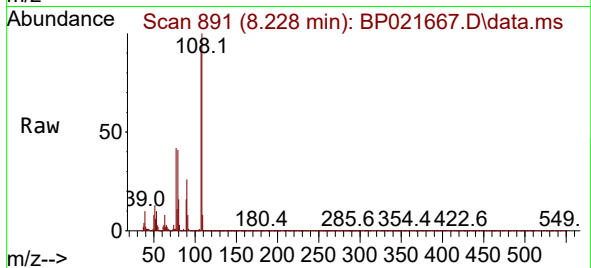
SLCS966

Tgt Ion:108 Resp: 694323

Ion Ratio Lower Upper

108 100

107 90.7 73.2 109.8



#14

2,2'-oxybis(1-Chloropropane)

Concen: 26.622 ng/ul

RT: 8.316 min Scan# 906

Delta R.T. 0.006 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

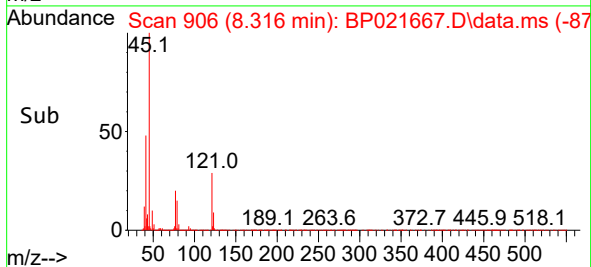
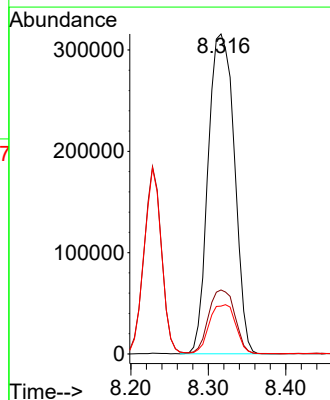
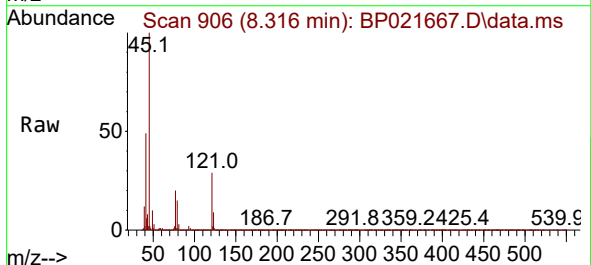
Tgt Ion: 45 Resp: 741078

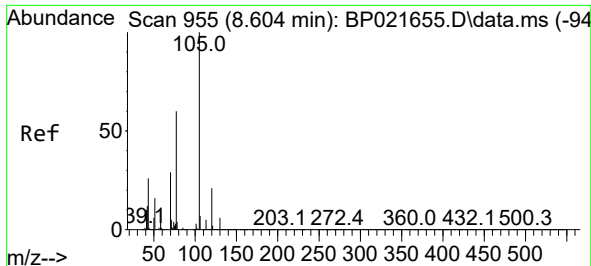
Ion Ratio Lower Upper

45 100

77 20.0 17.0 25.4

79 14.9 12.0 18.0

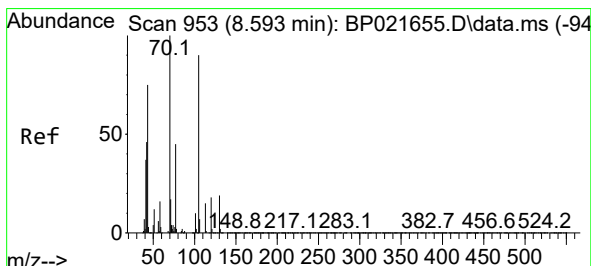
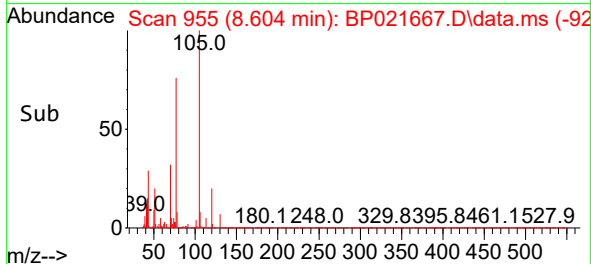
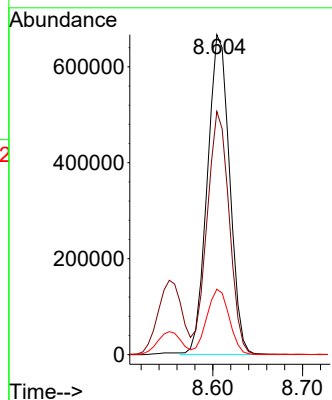
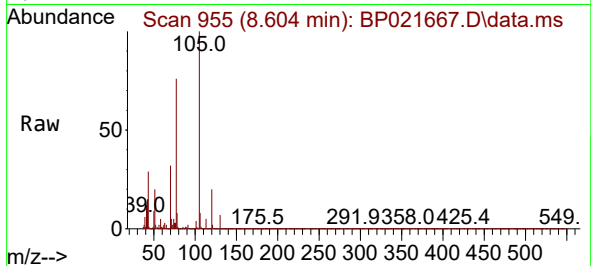




#16
Acetophenone
Concen: 26.062 ng/ul
RT: 8.604 min Scan# 91
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

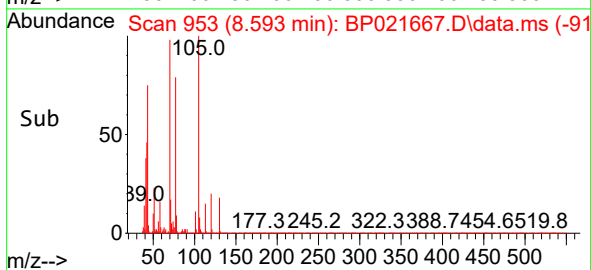
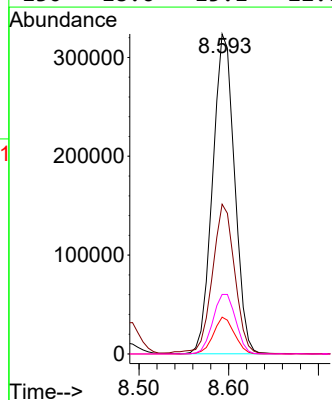
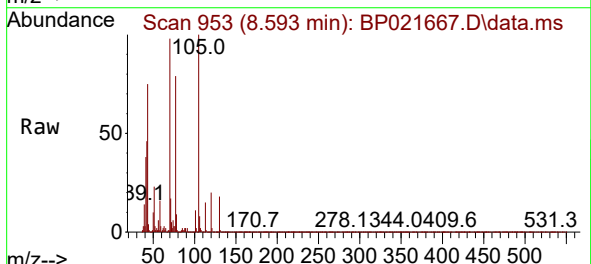
Instrument :
BNA_P
ClientSampleId :
SLCS966

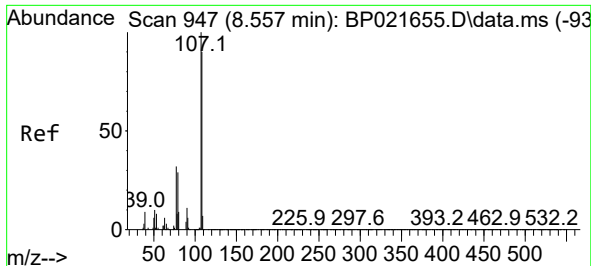
Tgt Ion:105 Resp: 1148855
Ion Ratio Lower Upper
105 100
77 76.0 59.4 89.2
51 20.5 16.4 24.6



#17
N-Nitroso-di-n-propylamine
Concen: 26.362 ng/ul
RT: 8.593 min Scan# 953
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion: 70 Resp: 548407
Ion Ratio Lower Upper
70 100
42 46.8 35.8 53.6
101 11.5 8.2 12.4
130 18.6 15.1 22.7

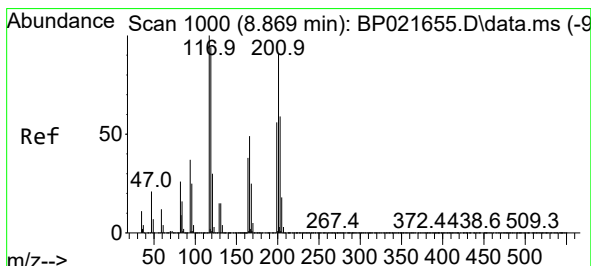
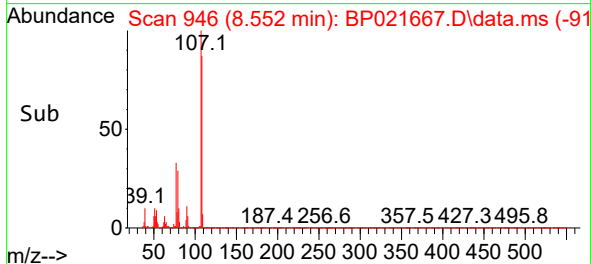
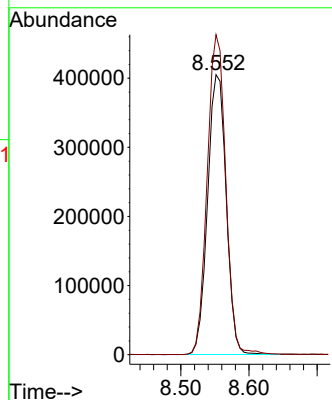
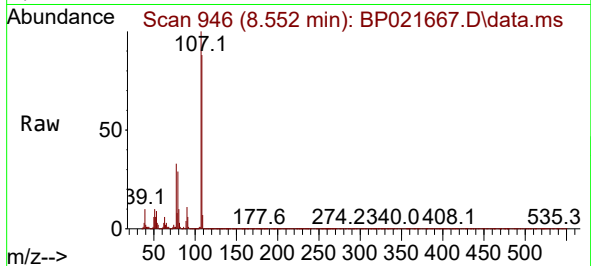




#18
4-Methylphenol
Concen: 26.247 ng/ul
RT: 8.552 min Scan# 947
Delta R.T. -0.006 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

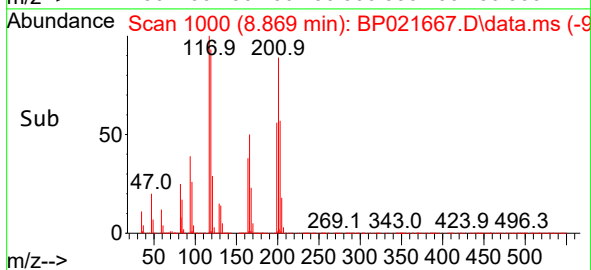
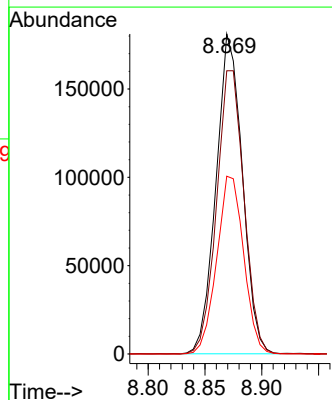
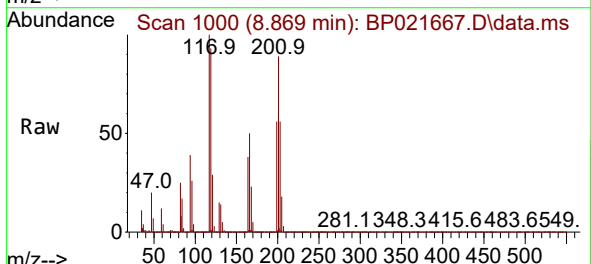
Instrument :
BNA_P
ClientSampleId :
SLCS966

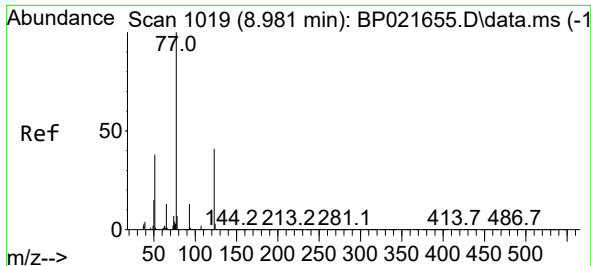
Tgt Ion:108 Resp: 769147
Ion Ratio Lower Upper
108 100
107 114.3 90.1 135.1



#19
Hexachloroethane
Concen: 27.053 ng/ul
RT: 8.869 min Scan# 1000
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion:117 Resp: 291673
Ion Ratio Lower Upper
117 100
201 88.5 75.3 112.9
199 55.6 47.4 71.0

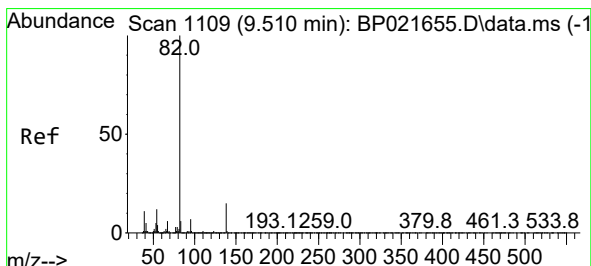
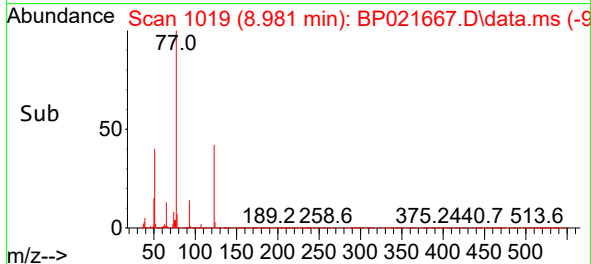
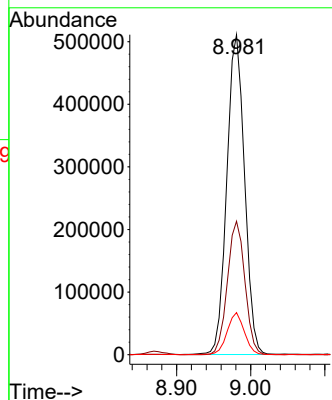
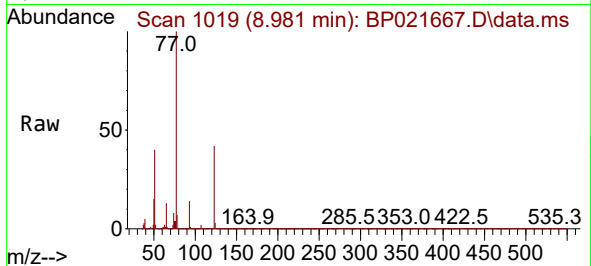




#22
Nitrobenzene
Concen: 26.996 ng/ul
RT: 8.981 min Scan# 1019
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

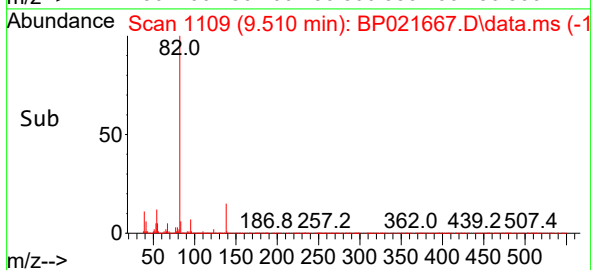
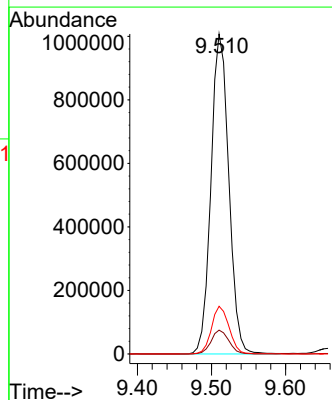
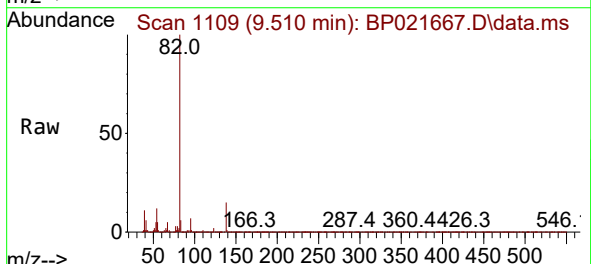
Instrument :
BNA_P
ClientSampleId :
SLCS966

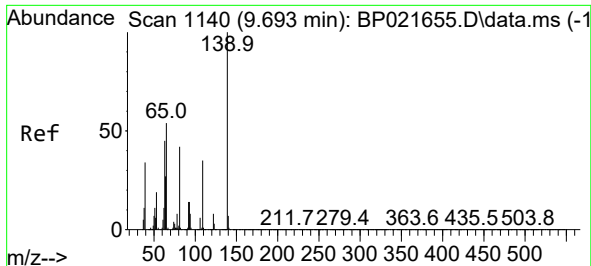
Tgt Ion: 77 Resp: 848023
Ion Ratio Lower Upper
77 100
123 41.7 33.2 49.8
65 13.1 9.8 14.6



#23
Isophorone
Concen: 26.705 ng/ul
RT: 9.510 min Scan# 1109
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion: 82 Resp: 1683383
Ion Ratio Lower Upper
82 100
95 7.5 5.8 8.8
138 14.9 11.8 17.8

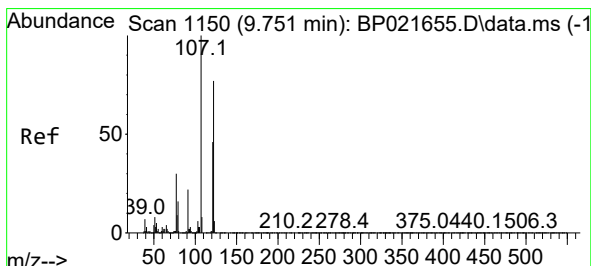
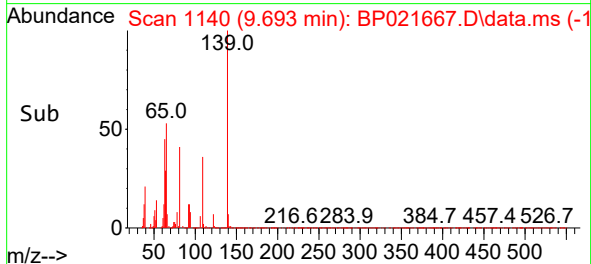
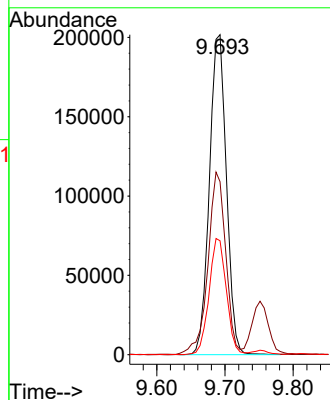
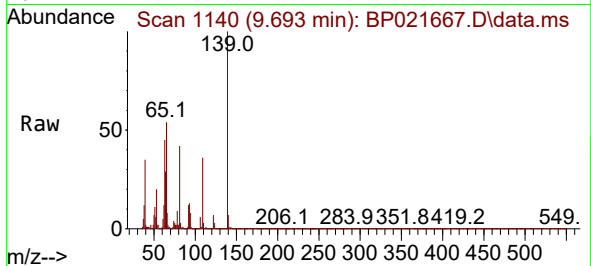




#25
2-Nitrophenol
Concen: 27.615 ng/ul
RT: 9.693 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

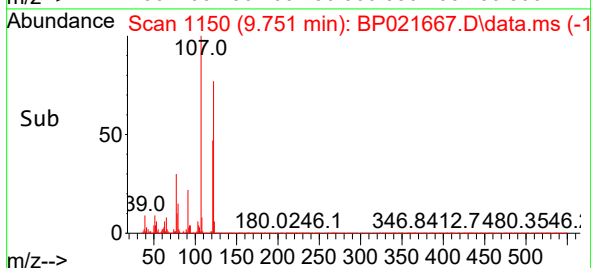
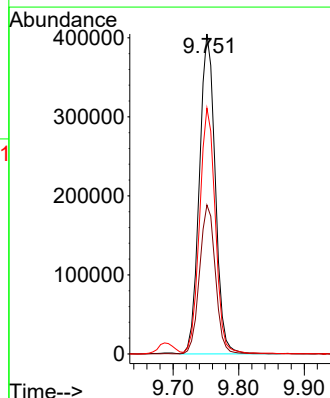
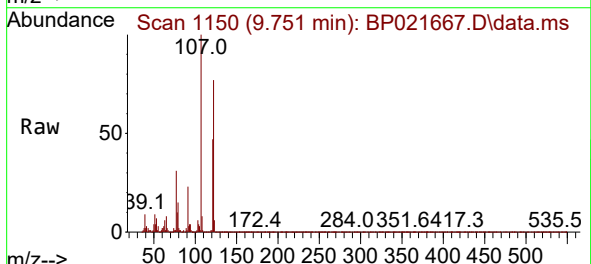
Instrument :
BNA_P
ClientSampleId :
SLCS966

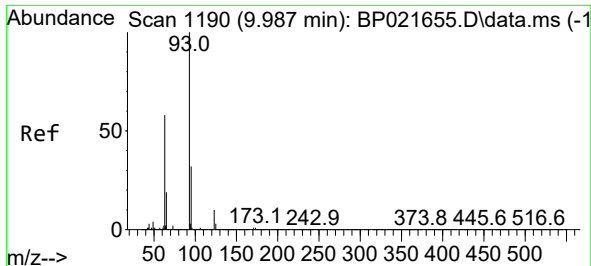
Tgt Ion:139 Resp: 349871
Ion Ratio Lower Upper
139 100
65 54.1 46.2 69.2
109 35.6 28.0 42.0



#26
2,4-Dimethylphenol
Concen: 21.907 ng/ul
RT: 9.751 min Scan# 1150
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion:107 Resp: 681216
Ion Ratio Lower Upper
107 100
121 46.6 36.9 55.3
122 76.9 61.0 91.4





#27

Bis(2-Chloroethoxy)methane

Concen: 26.608 ng/ul

RT: 9.987 min Scan# 1190

Delta R.T. 0.000 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

Instrument :

BNA_P

ClientSampleId :

SLCS966

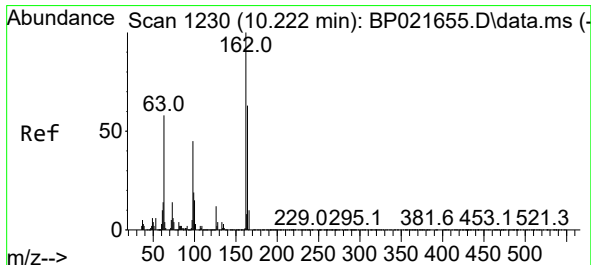
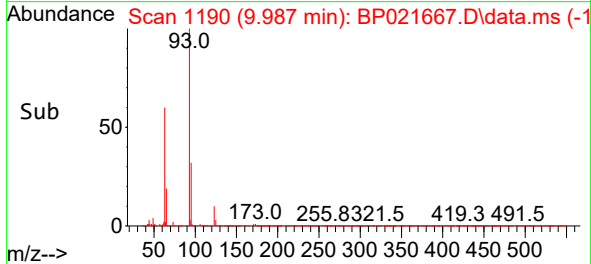
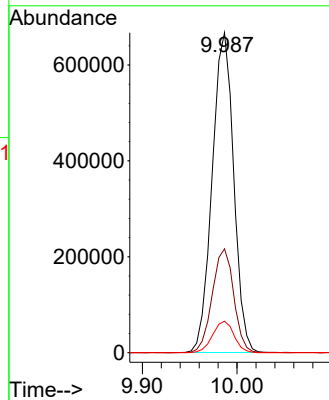
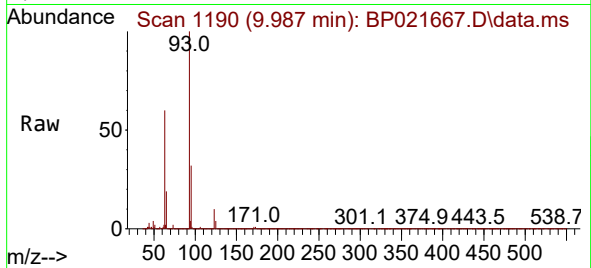
Tgt Ion: 93 Resp: 1051900

Ion Ratio Lower Upper

93 100

95 32.4 25.3 37.9

123 9.9 7.4 11.0



#29

2,4-Dichlorophenol

Concen: 26.941 ng/ul

RT: 10.222 min Scan# 1230

Delta R.T. 0.000 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

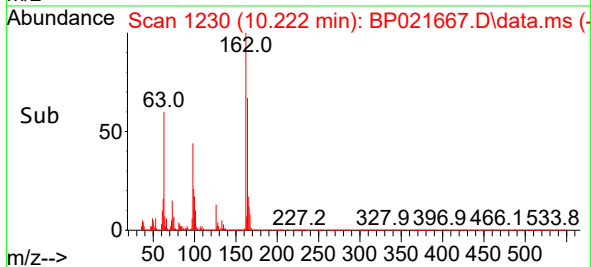
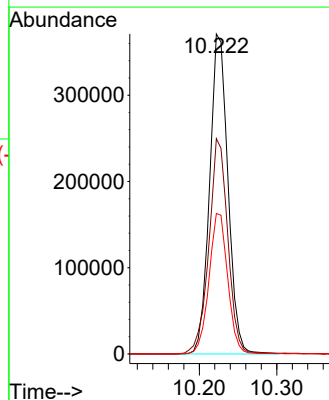
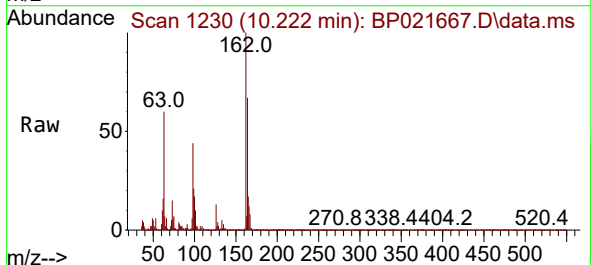
Tgt Ion:162 Resp: 610057

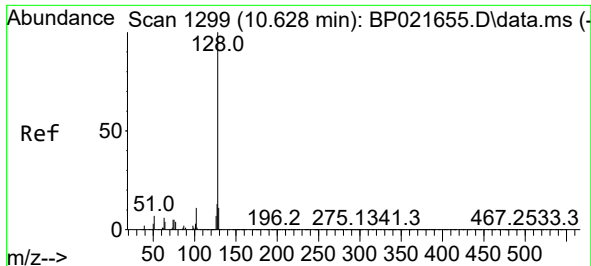
Ion Ratio Lower Upper

162 100

164 67.3 52.3 78.5

98 43.9 35.3 52.9

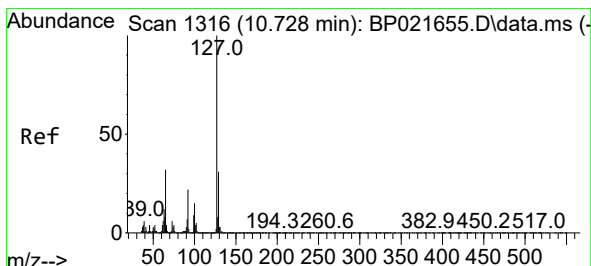
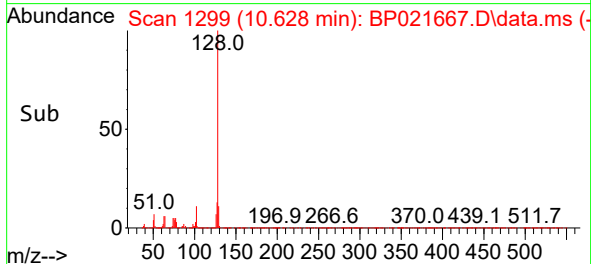
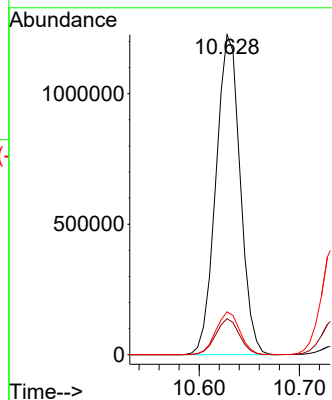
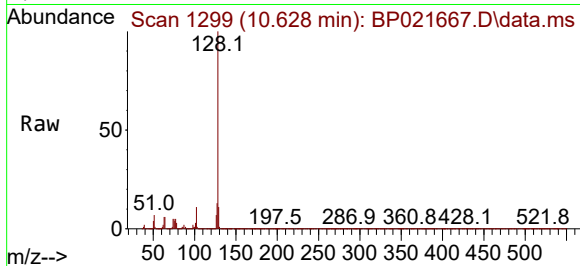




#30
Naphthalene
Concen: 26.104 ng/ul
RT: 10.628 min Scan# 1299
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

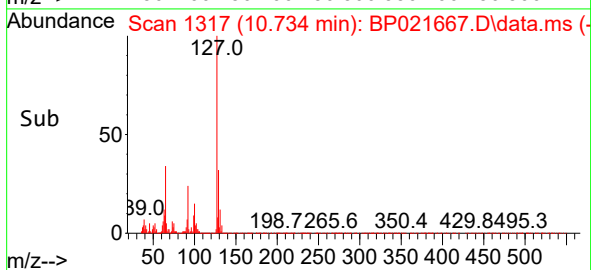
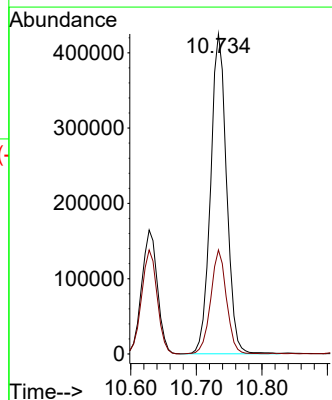
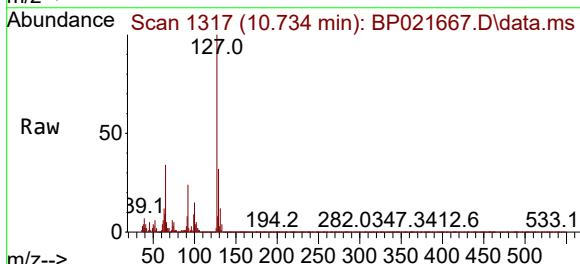
Instrument :
BNA_P
ClientSampleId :
SLCS966

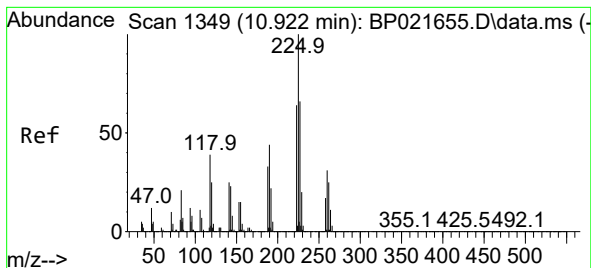
Tgt Ion:128 Resp: 2060102
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.4 10.5 15.7



#32
4-Chloroaniline
Concen: 21.769 ng/ul
RT: 10.734 min Scan# 1317
Delta R.T. 0.006 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion:127 Resp: 720513
Ion Ratio Lower Upper
127 100
129 32.5 25.8 38.8





#33

Hexachlorobutadiene

Concen: 26.064 ng/ul

RT: 10.922 min Scan# 1349

Delta R.T. 0.000 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

Instrument :

BNA_P

ClientSampleId :

SLCS966

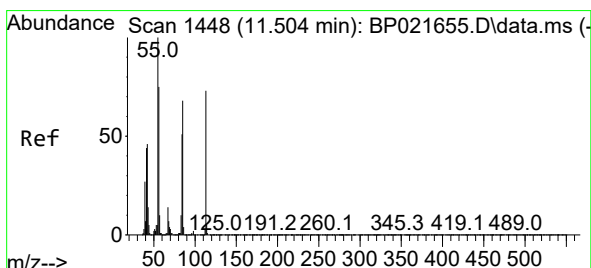
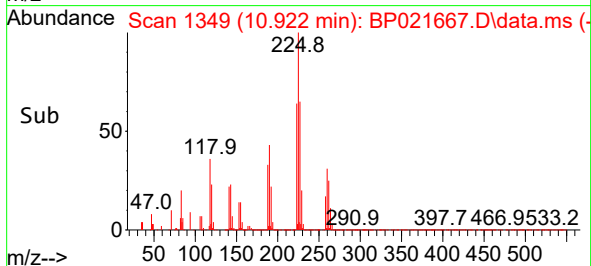
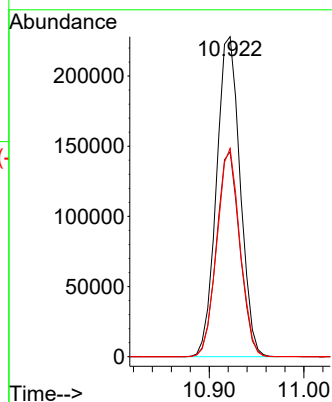
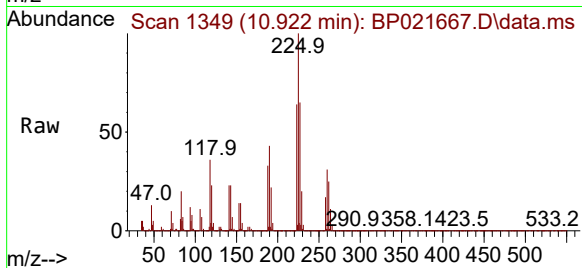
Tgt Ion:225 Resp: 396002

Ion Ratio Lower Upper

225 100

223 64.0 51.5 77.3

227 65.1 51.3 76.9



#34

Caprolactam

Concen: 27.091 ng/ul

RT: 11.510 min Scan# 1449

Delta R.T. 0.006 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

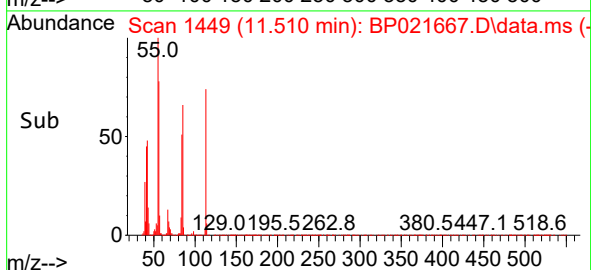
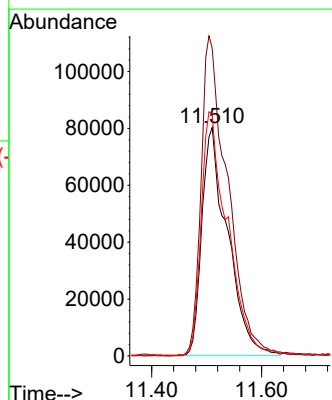
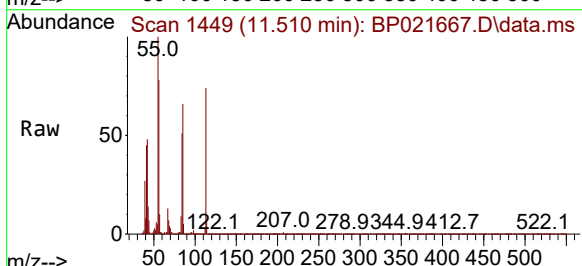
Tgt Ion:113 Resp: 259410

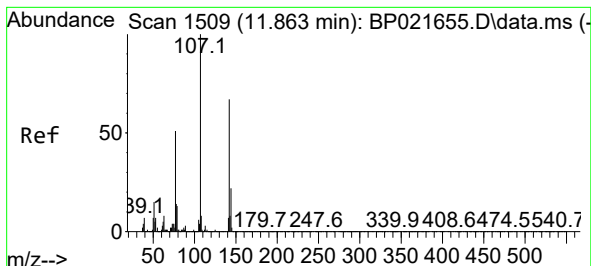
Ion Ratio Lower Upper

113 100

55 134.7 110.2 165.2

56 105.7 84.9 127.3

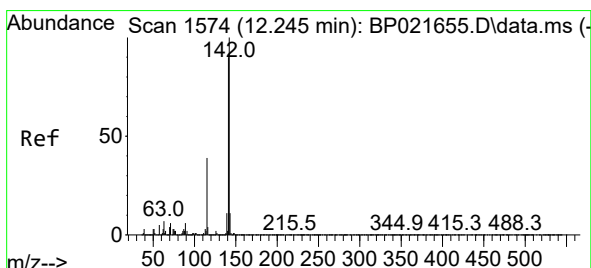
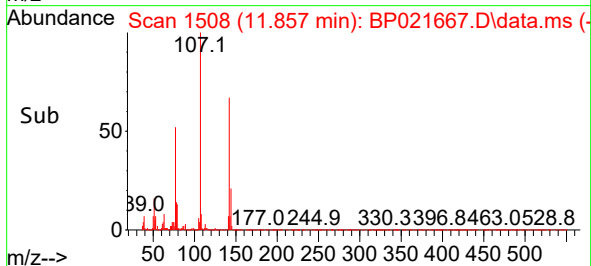
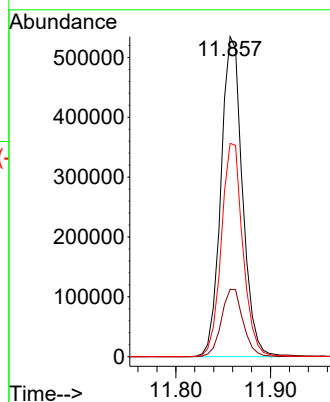
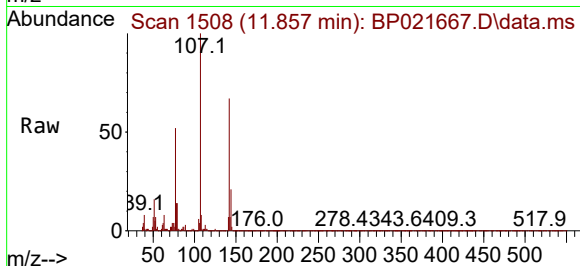




#35
4-Chloro-3-methylphenol
Concen: 28.149 ng/ul
RT: 11.857 min Scan# 1508
Delta R.T. -0.006 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

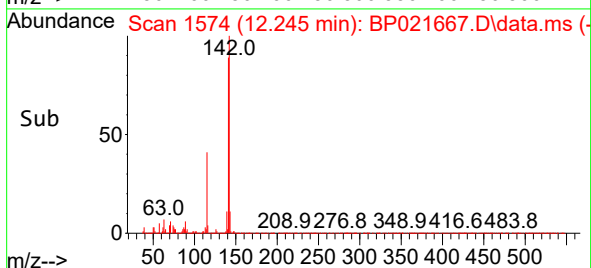
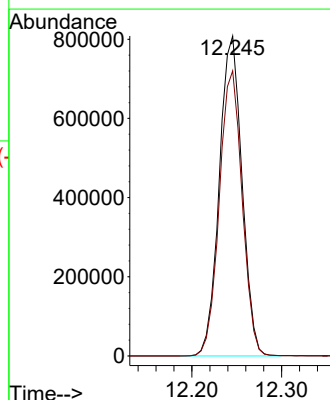
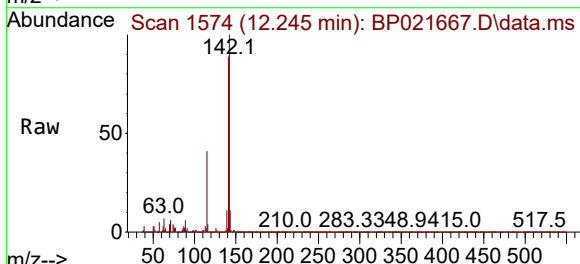
Instrument :
BNA_P
ClientSampleId :
SLCS966

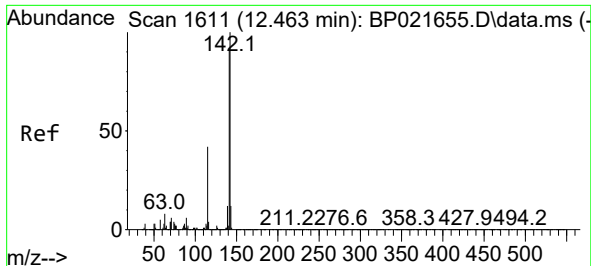
Tgt Ion:107 Resp: 843644
Ion Ratio Lower Upper
107 100
144 21.1 17.5 26.3
142 66.6 53.3 79.9



#36
2-Methylnaphthalene
Concen: 26.573 ng/ul
RT: 12.245 min Scan# 1574
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion:142 Resp: 1418475
Ion Ratio Lower Upper
142 100
141 89.1 71.1 106.7

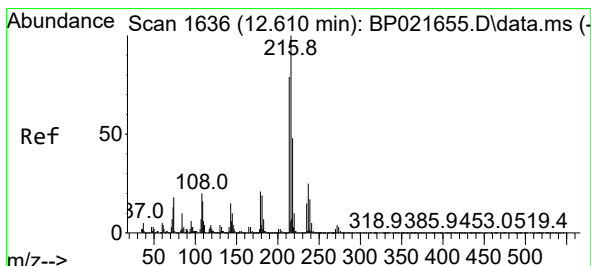
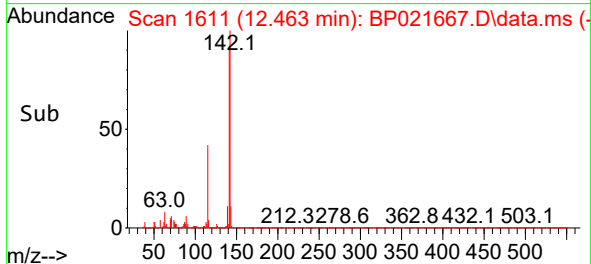
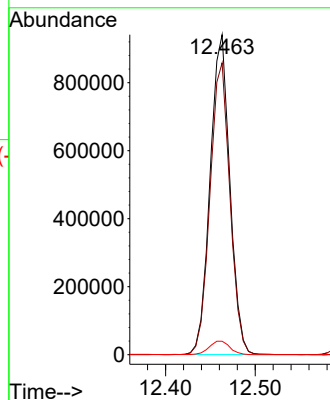
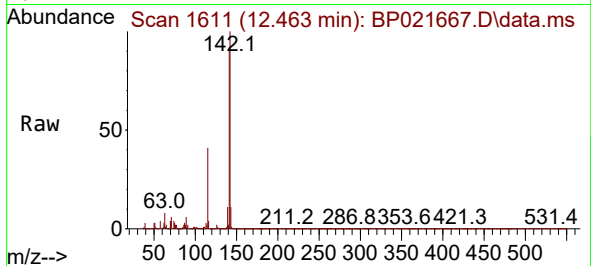




#37
1-Methylnaphthalene
Concen: 26.700 ng/ul
RT: 12.463 min Scan# 1611
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

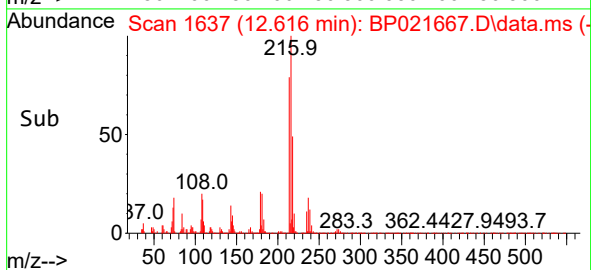
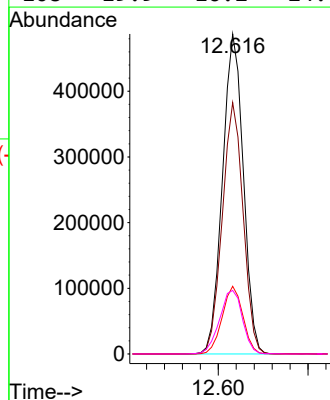
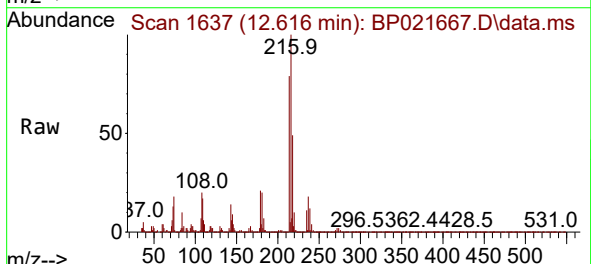
Instrument :
BNA_P
ClientSampleId :
SLCS966

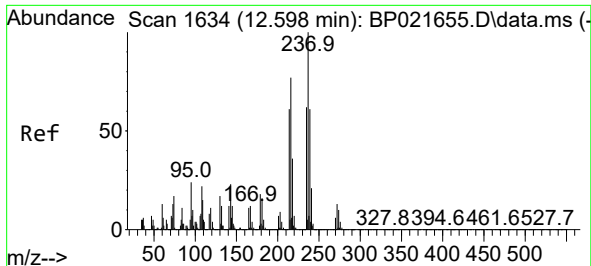
Tgt Ion:142 Resp: 1433516
Ion Ratio Lower Upper
142 100
141 91.2 74.6 111.8
116 4.2 3.5 5.3



#39
1,2,4,5-Tetrachlorobenzene
Concen: 25.951 ng/ul
RT: 12.616 min Scan# 1637
Delta R.T. 0.006 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion:216 Resp: 785455
Ion Ratio Lower Upper
216 100
214 78.5 63.2 94.8
179 21.2 16.6 25.0
108 19.9 16.2 24.4

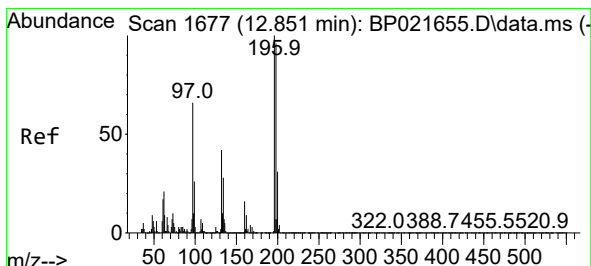
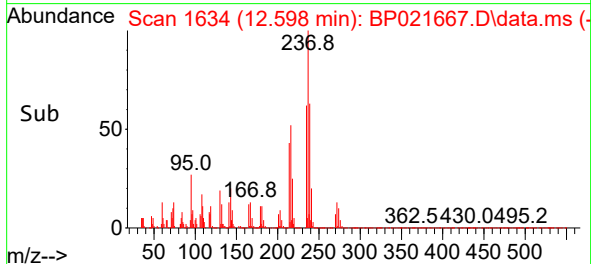
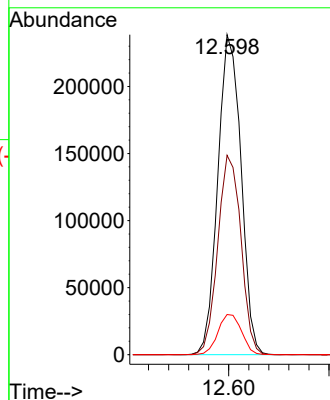
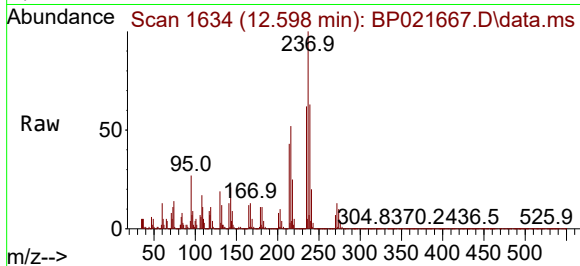




#40
Hexachlorocyclopentadiene
Concen: 22.052 ng/ul
RT: 12.598 min Scan# 1634
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

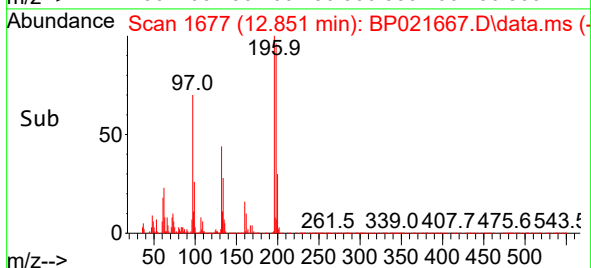
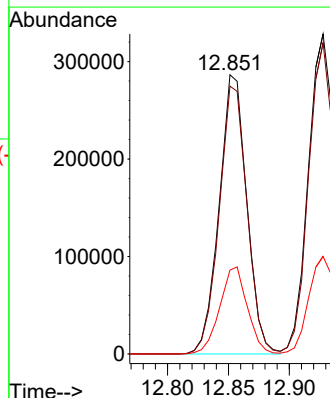
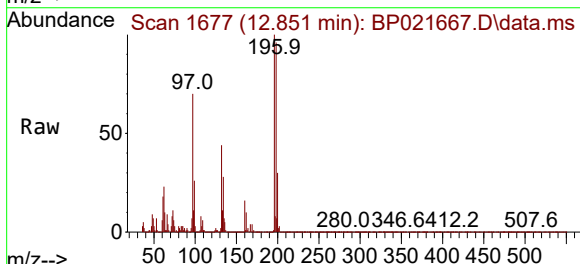
Instrument :
BNA_P
ClientSampleId :
SLCS966

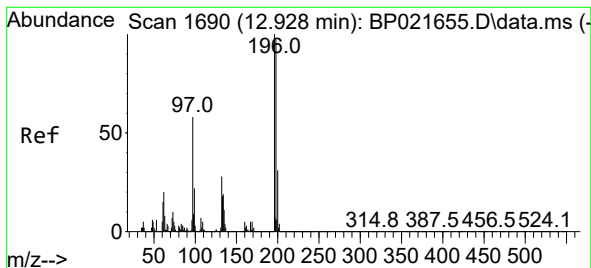
Tgt Ion:237 Resp: 382982
Ion Ratio Lower Upper
237 100
235 62.3 50.7 76.1
272 12.6 11.0 16.6



#41
2,4,6-Trichlorophenol
Concen: 23.280 ng/ul
RT: 12.851 min Scan# 1677
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion:196 Resp: 453658
Ion Ratio Lower Upper
196 100
198 95.9 76.5 114.7
200 30.0 25.3 37.9





#42

2,4,5-Trichlorophenol

Concen: 24.603 ng/ul

RT: 12.928 min Scan# 1

Delta R.T. 0.000 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

Instrument :

BNA_P

ClientSampleId :

SLCS966

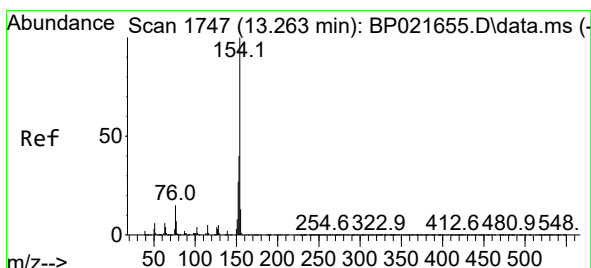
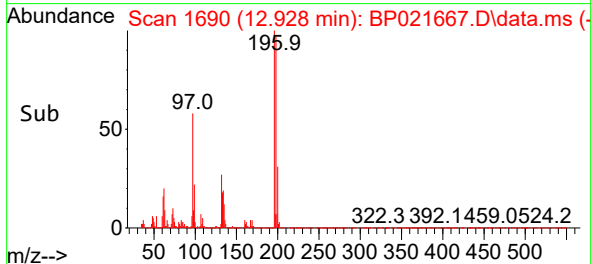
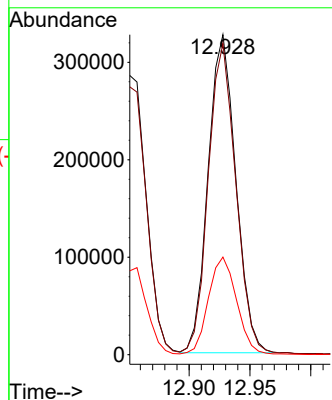
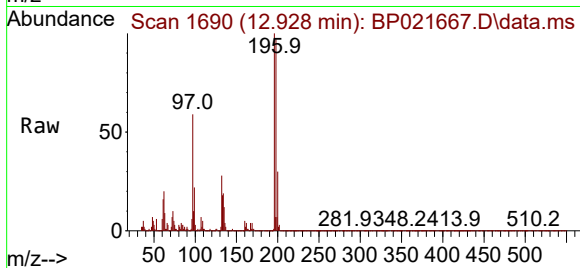
Tgt Ion:196 Resp: 517692

Ion Ratio Lower Upper

196 100

198 97.2 78.0 117.0

200 30.5 24.3 36.5



#43

1,1'-Biphenyl

Concen: 26.031 ng/ul

RT: 13.257 min Scan# 1746

Delta R.T. -0.006 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

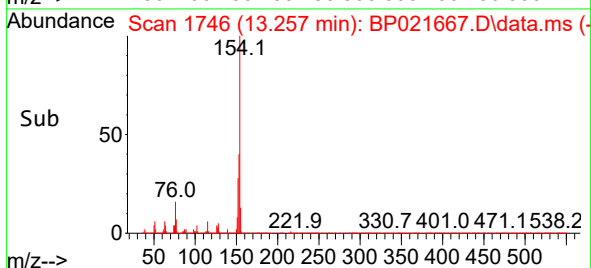
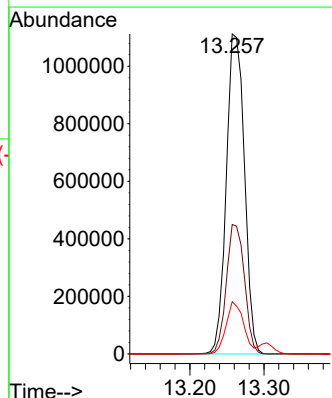
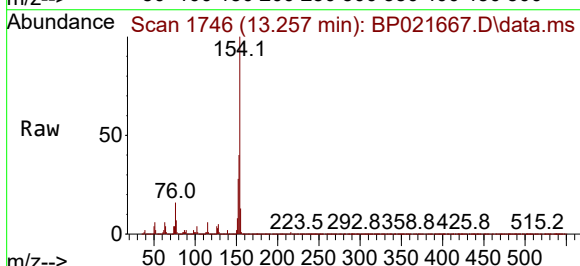
Tgt Ion:154 Resp: 1891270

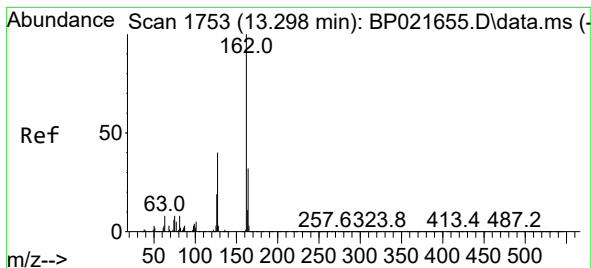
Ion Ratio Lower Upper

154 100

153 40.4 31.6 47.4

76 16.3 12.6 18.8





#44

2-Chloronaphthalene

Concen: 25.980 ng/ul

RT: 13.304 min Scan# 1754

Delta R.T. 0.006 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

Instrument :

BNA_P

ClientSampleId :

SLCS966

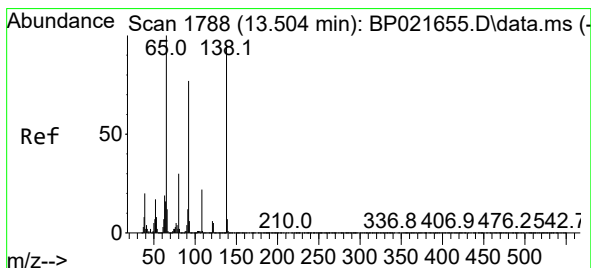
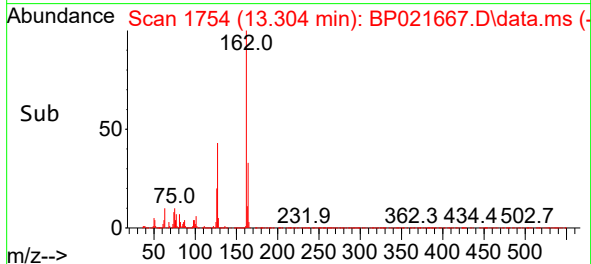
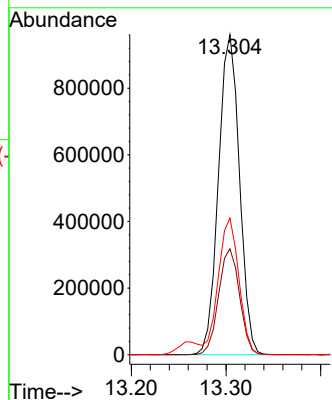
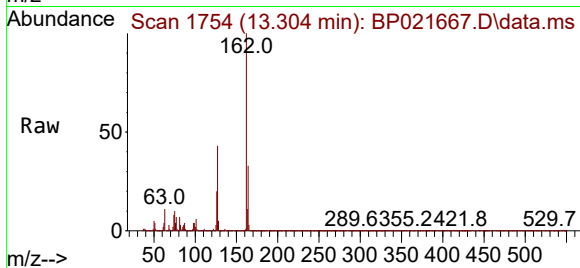
Tgt Ion:162 Resp: 1479964

Ion Ratio Lower Upper

162 100

164 33.1 26.0 39.0

127 42.7 33.1 49.7



#45

2-Nitroaniline

Concen: 29.442 ng/ul

RT: 13.498 min Scan# 1787

Delta R.T. -0.006 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

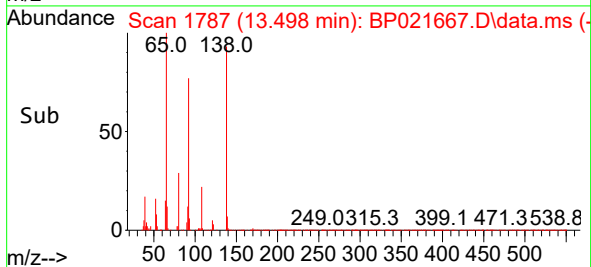
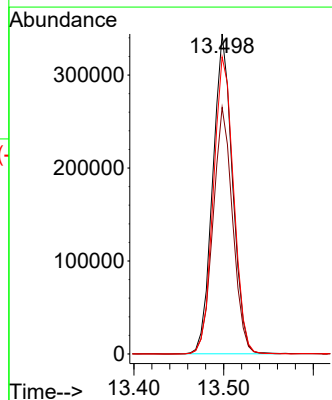
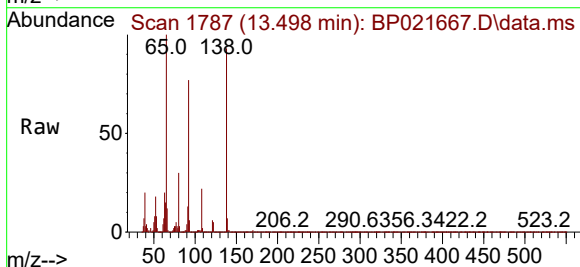
Tgt Ion: 65 Resp: 525418

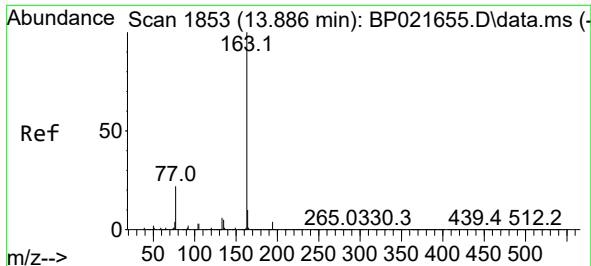
Ion Ratio Lower Upper

65 100

92 77.1 65.4 98.2

138 92.9 77.5 116.3

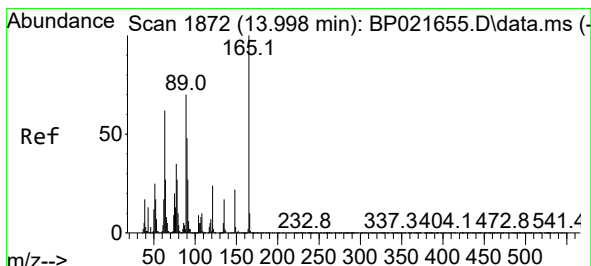
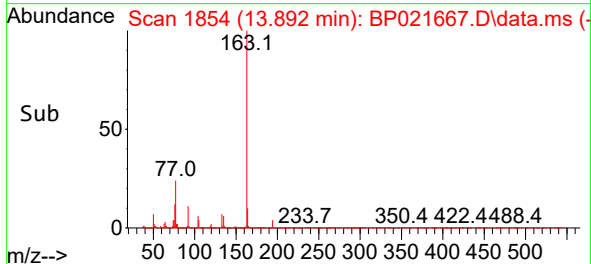
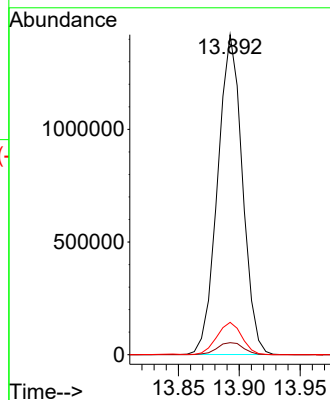
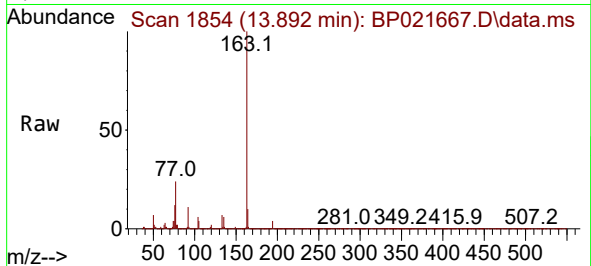




#47
Dimethylphthalate
Concen: 27.289 ng/ul
RT: 13.892 min Scan# 1854
Delta R.T. 0.006 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

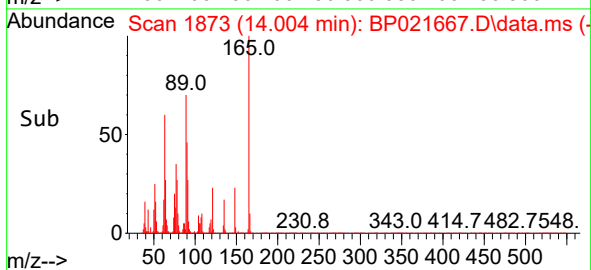
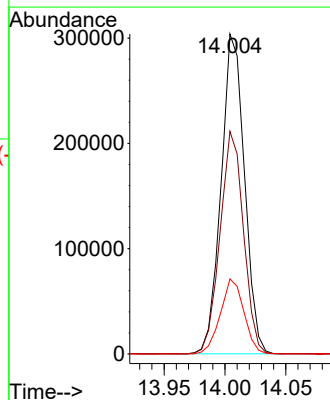
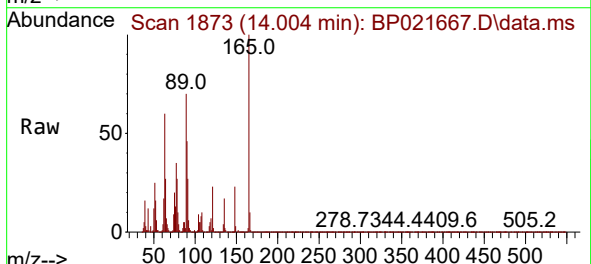
Instrument :
BNA_P
ClientSampleId :
SLCS966

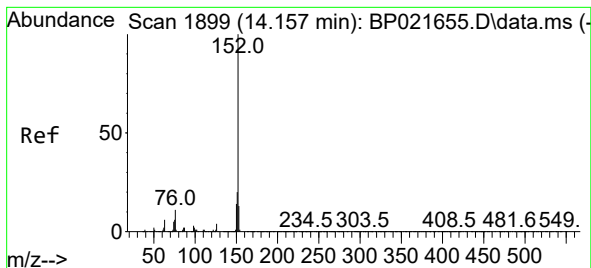
Tgt Ion:163 Resp: 2007833
Ion Ratio Lower Upper
163 100
194 3.8 3.5 5.3
164 10.1 7.8 11.8



#48
2,6-Dinitrotoluene
Concen: 29.898 ng/ul
RT: 14.004 min Scan# 1873
Delta R.T. 0.006 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion:165 Resp: 405701
Ion Ratio Lower Upper
165 100
89 69.6 55.7 83.5
121 23.4 18.6 28.0





#50

Acenaphthylene

Concen: 27.895 ng/ul

RT: 14.157 min Scan# 1899

Delta R.T. 0.000 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

Instrument :

BNA_P

ClientSampleId :

SLCS966

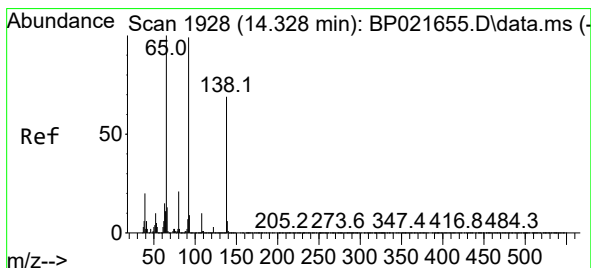
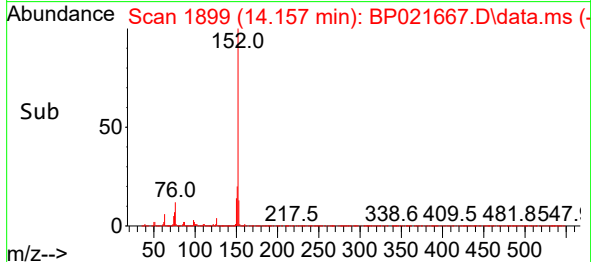
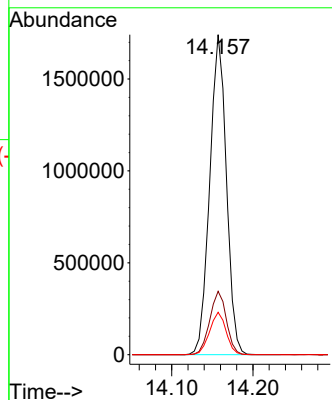
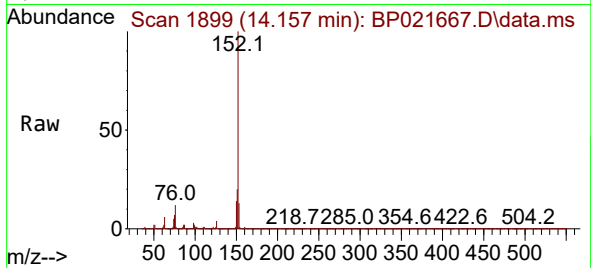
Tgt Ion:152 Resp: 2475035

Ion Ratio Lower Upper

152 100

151 19.8 15.6 23.4

153 13.2 10.2 15.4



#51

3-Nitroaniline

Concen: 29.406 ng/ul

RT: 14.339 min Scan# 1930

Delta R.T. 0.012 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

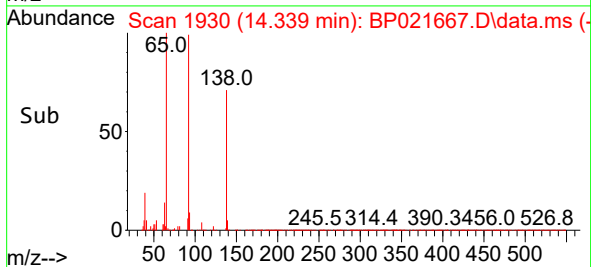
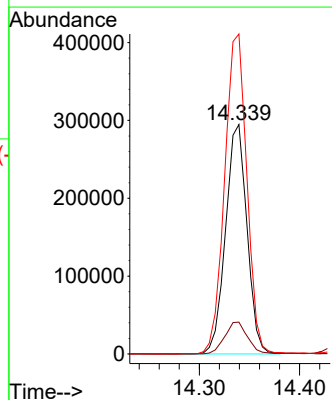
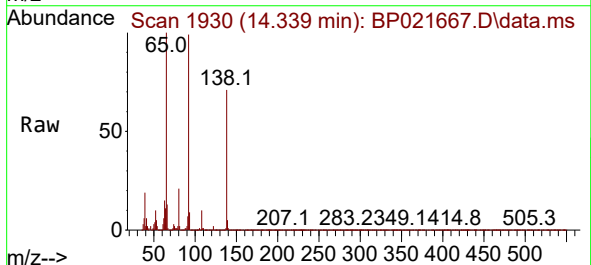
Tgt Ion:138 Resp: 436034

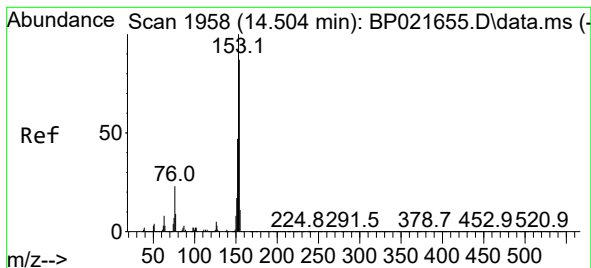
Ion Ratio Lower Upper

138 100

108 13.9 12.0 18.0

92 139.5 114.1 171.1





#52

Acenaphthene

Concen: 25.966 ng/ul

RT: 14.504 min Scan# 1958

Delta R.T. 0.000 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

Instrument :

BNA_P

ClientSampleId :

SLCS966

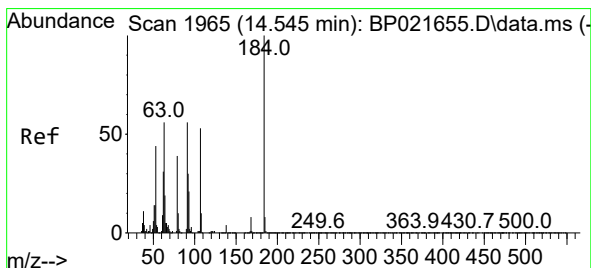
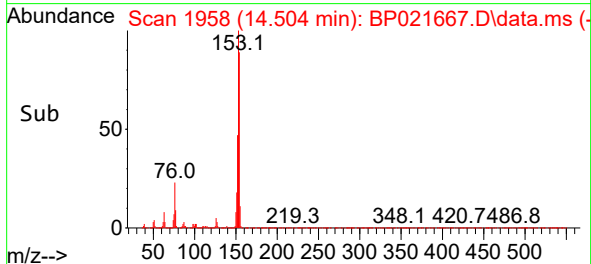
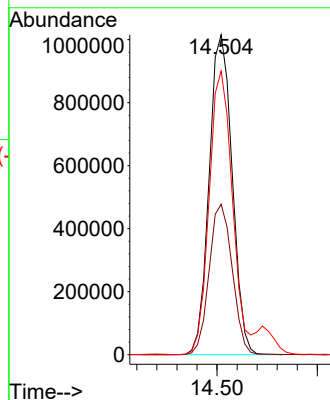
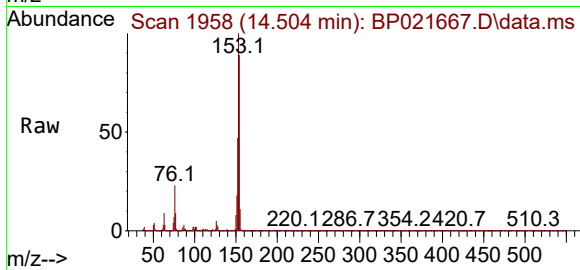
Tgt Ion:153 Resp: 1620172

Ion Ratio Lower Upper

153 100

152 47.0 38.0 57.0

154 88.7 70.2 105.4



#53

2,4-Dinitrophenol

Concen: 25.276 ng/ul

RT: 14.545 min Scan# 1965

Delta R.T. 0.000 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

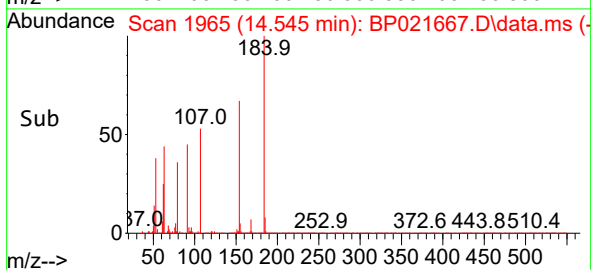
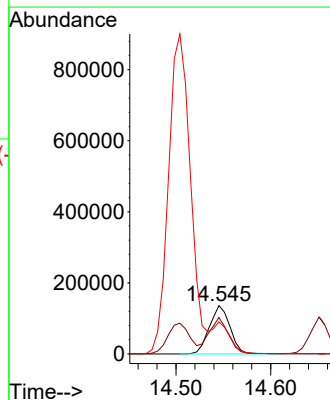
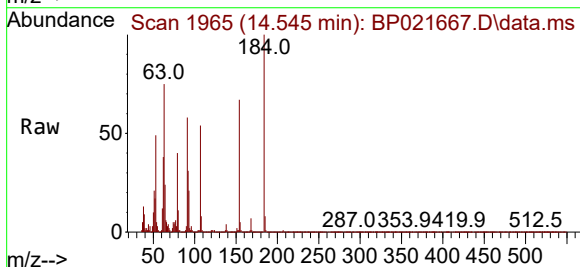
Tgt Ion:184 Resp: 205330

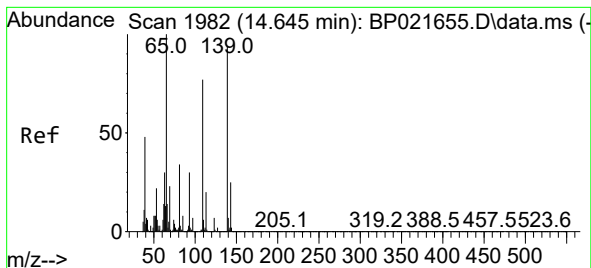
Ion Ratio Lower Upper

184 100

63 75.4 55.5 83.3

154 66.6 51.3 76.9

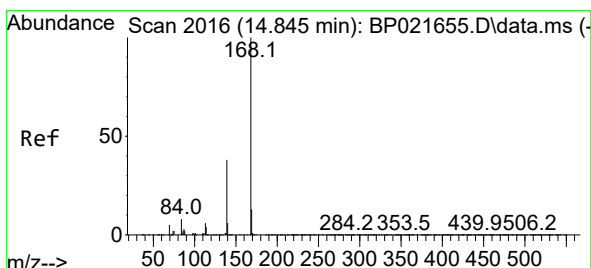
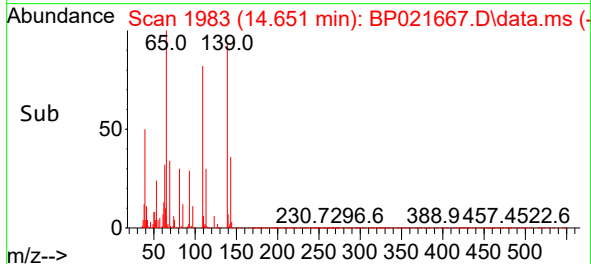
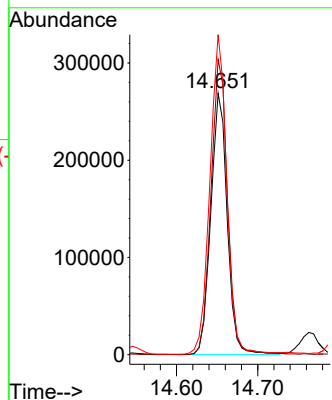
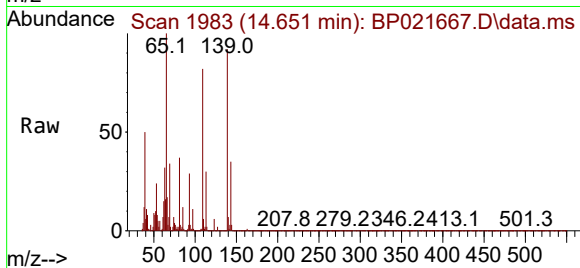




#55
4-Nitrophenol
Concen: 29.455 ng/ul
RT: 14.651 min Scan# 1982
Delta R.T. 0.006 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

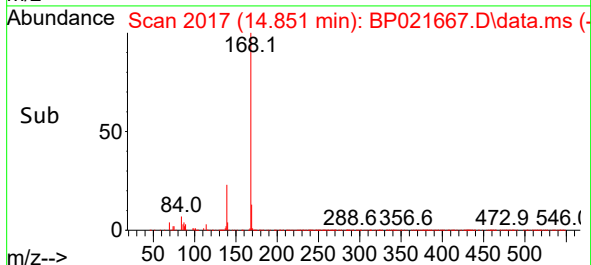
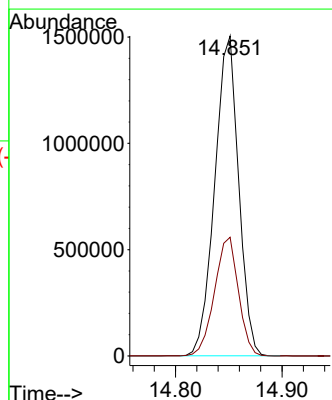
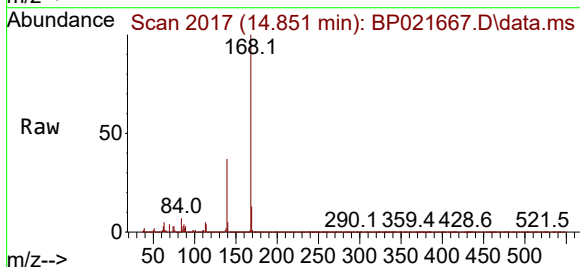
Instrument :
BNA_P
ClientSampleId :
SLCS966

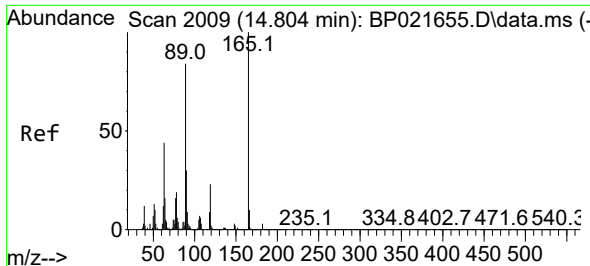
Tgt Ion:109 Resp: 377035
Ion Ratio Lower Upper
109 100
139 112.9 96.2 144.2
65 122.4 98.5 147.7



#56
Dibenzofuran
Concen: 27.116 ng/ul
RT: 14.851 min Scan# 2017
Delta R.T. 0.006 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion:168 Resp: 2340717
Ion Ratio Lower Upper
168 100
139 37.1 29.8 44.8

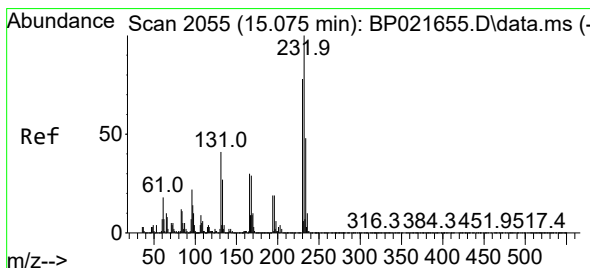
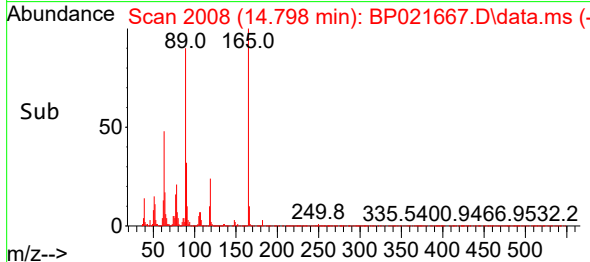
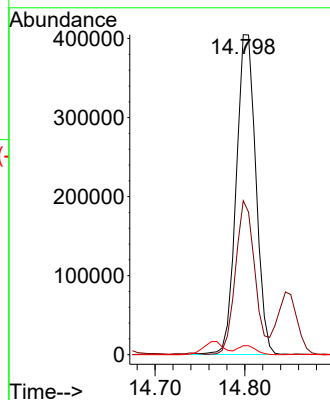
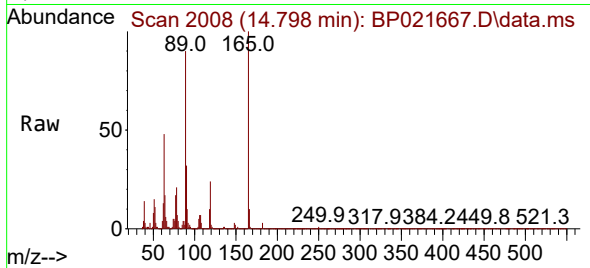




#57
2,4-Dinitrotoluene
Concen: 30.188 ng/ul
RT: 14.798 min Scan# 2008
Delta R.T. -0.006 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

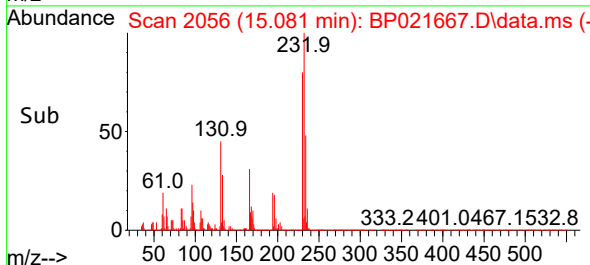
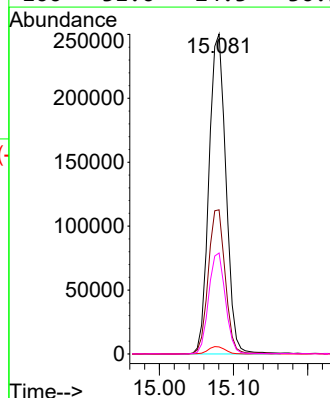
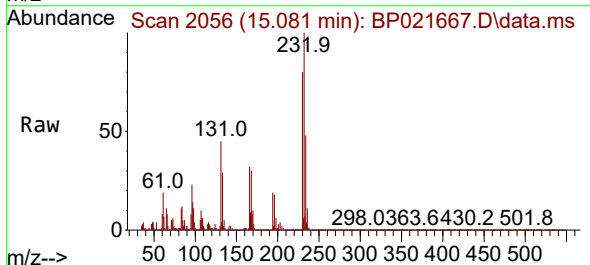
Instrument :
BNA_P
ClientSampleId :
SLCS966

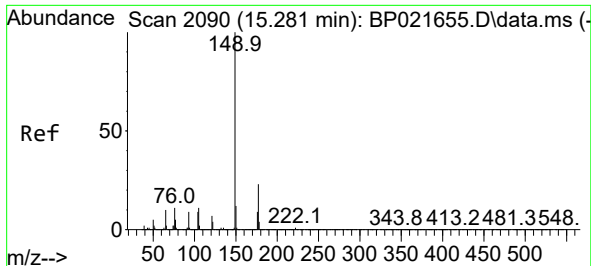
Tgt Ion:165 Resp: 615557
Ion Ratio Lower Upper
165 100
63 48.1 37.8 56.8
182 2.8 2.2 3.4



#58
2,3,4,6-Tetrachlorophenol
Concen: 21.965 ng/ul
RT: 15.081 min Scan# 2056
Delta R.T. 0.006 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion:232 Resp: 398203
Ion Ratio Lower Upper
232 100
131 45.0 33.9 50.9
130 2.2 2.0 3.0
166 31.6 24.3 36.5

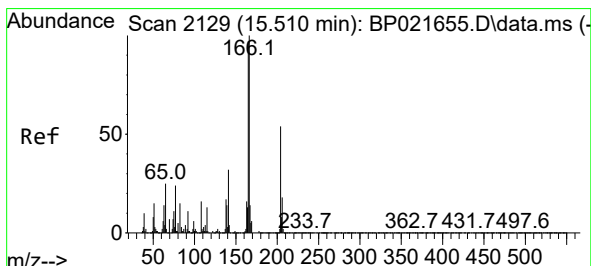
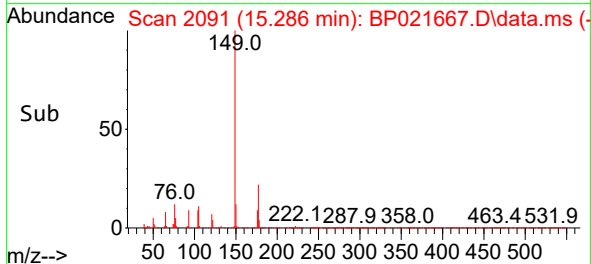
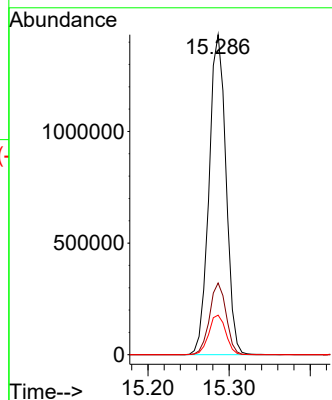
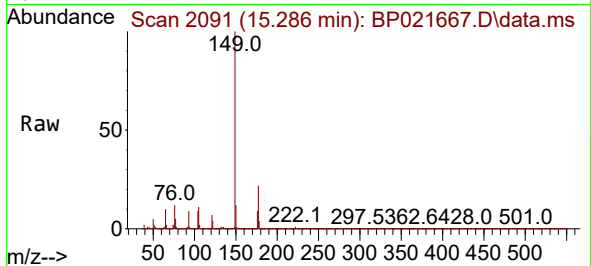




#59
Diethylphthalate
Concen: 28.107 ng/ul
RT: 15.286 min Scan# 2090
Delta R.T. 0.006 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

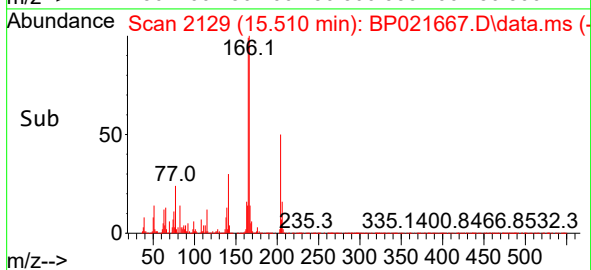
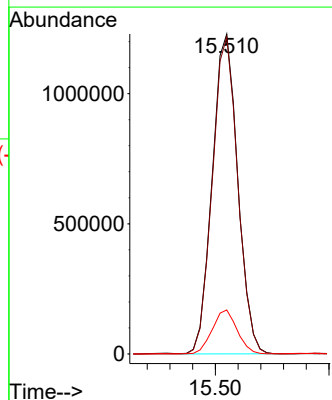
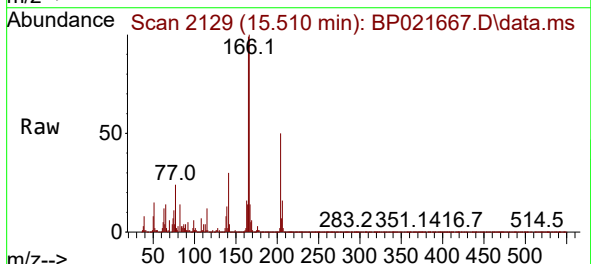
Instrument :
BNA_P
ClientSampleId :
SLCS966

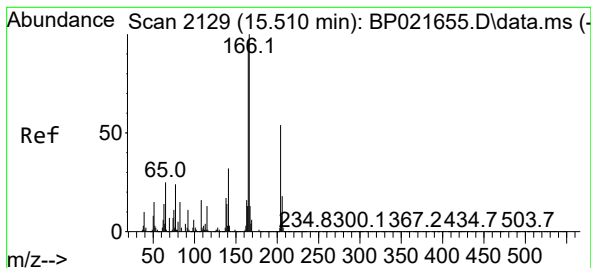
Tgt Ion:149 Resp: 2076660
Ion Ratio Lower Upper
149 100
177 22.4 18.0 27.0
150 12.4 9.8 14.8



#61
Fluorene
Concen: 27.455 ng/ul
RT: 15.510 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion:166 Resp: 1916942
Ion Ratio Lower Upper
166 100
165 99.1 78.2 117.2
167 13.7 10.8 16.2

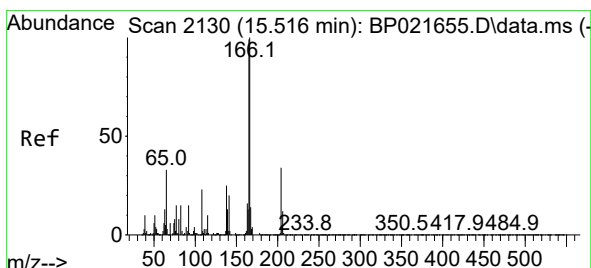
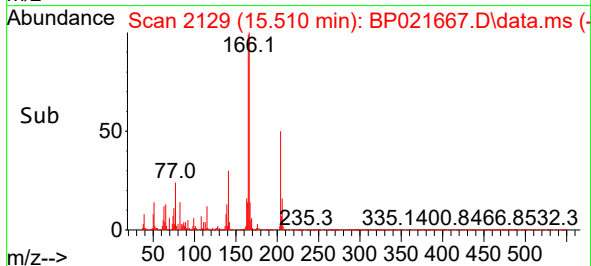
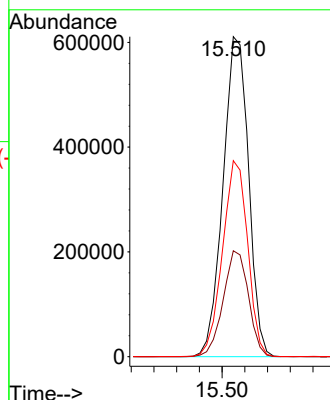
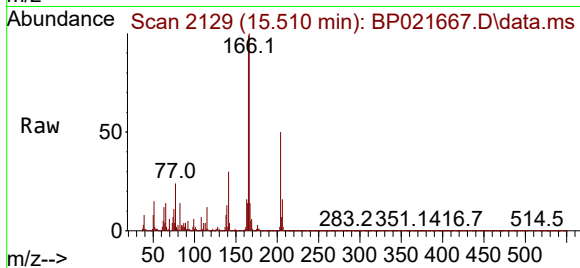




#62
4-Chlorophenyl-phenylether
Concen: 27.191 ng/ul
RT: 15.510 min Scan# 2129
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

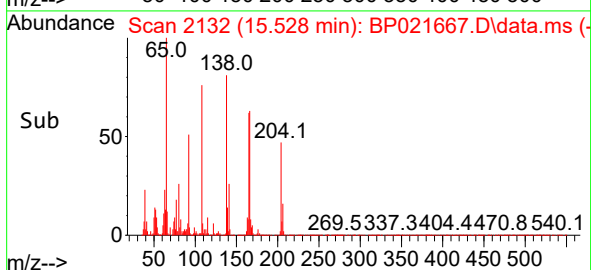
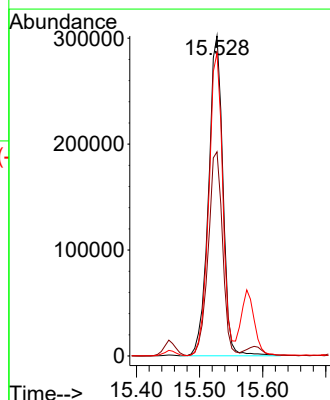
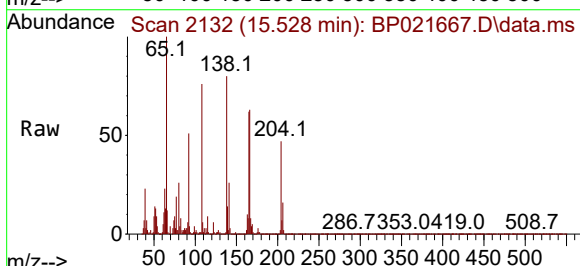
Instrument :
BNA_P
ClientSampleId :
SLCS966

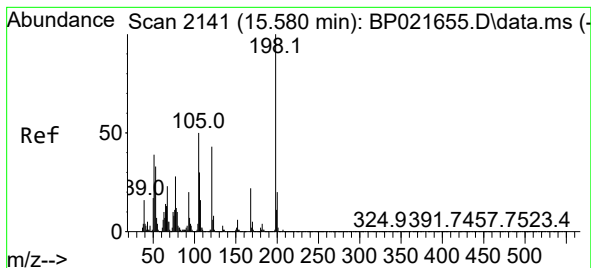
Tgt Ion:204 Resp: 953926
Ion Ratio Lower Upper
204 100
206 33.1 26.2 39.4
141 61.2 48.6 73.0



#63
4-Nitroaniline
Concen: 33.382 ng/ul
RT: 15.528 min Scan# 2132
Delta R.T. 0.012 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion:138 Resp: 478404
Ion Ratio Lower Upper
138 100
92 63.8 50.7 76.1
108 94.7 72.2 108.2

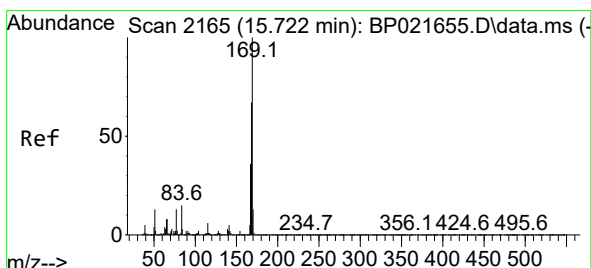
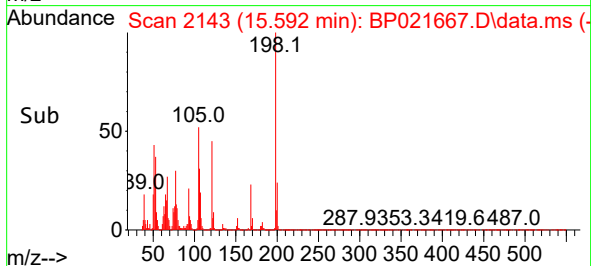
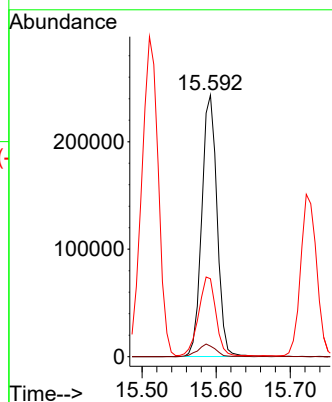
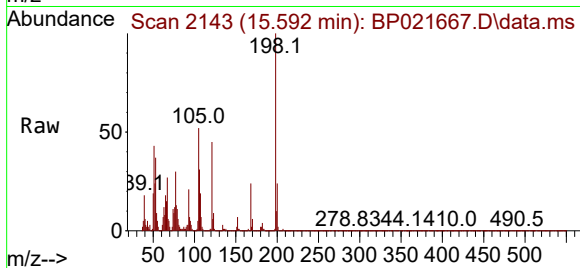




#66
4,6-Dinitro-2-methylphenol
Concen: 26.262 ng/ul
RT: 15.592 min Scan# 2143
Delta R.T. 0.012 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

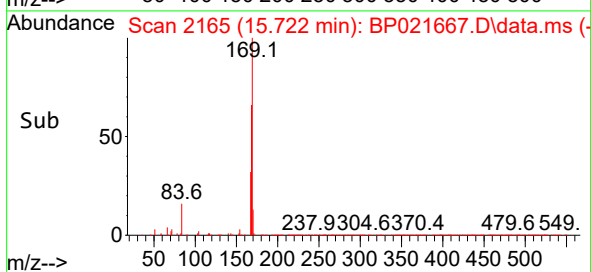
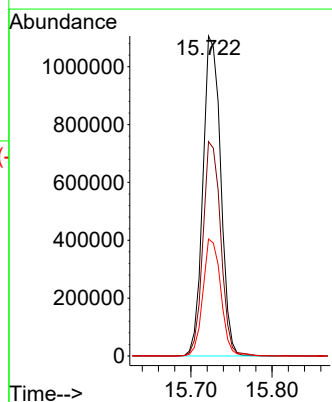
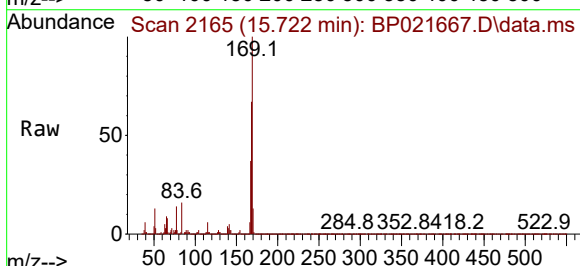
Instrument :
BNA_P
ClientSampleId :
SLCS966

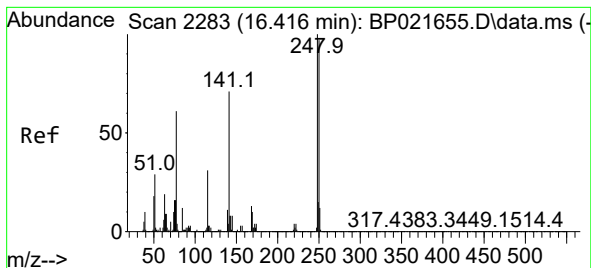
Tgt Ion:198 Resp: 347785
Ion Ratio Lower Upper
198 100
182 4.0 3.3 4.9
77 29.8 23.3 34.9



#67
N-Nitrosodiphenylamine
Concen: 26.505 ng/ul
RT: 15.722 min Scan# 2165
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion:169 Resp: 1678271
Ion Ratio Lower Upper
169 100
168 67.0 52.6 79.0
167 36.5 28.2 42.4

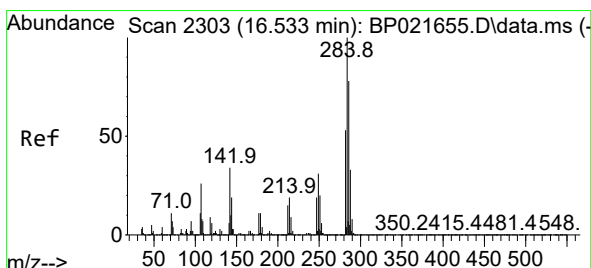
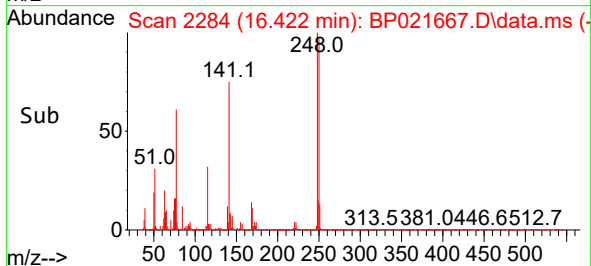
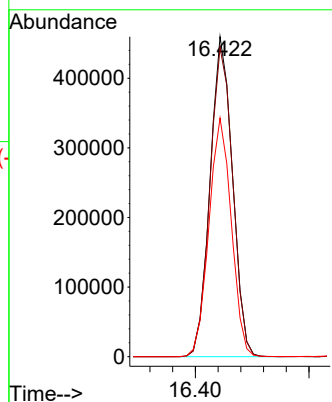
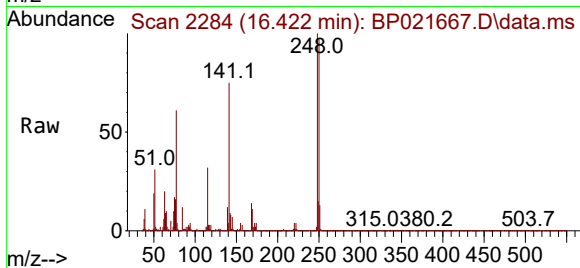




#68
4-Bromophenyl-phenylether
Concen: 26.480 ng/ul
RT: 16.422 min Scan# 21
Delta R.T. 0.006 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

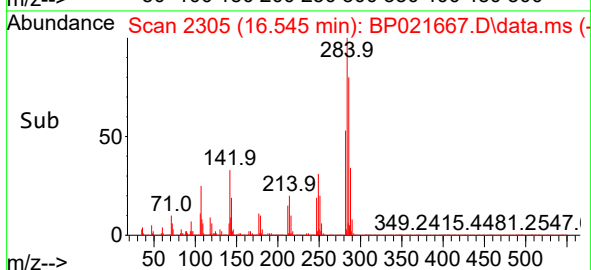
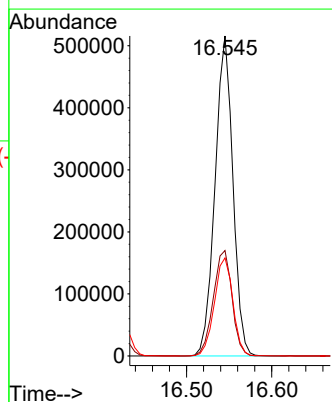
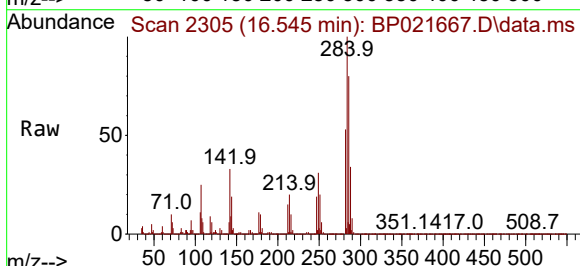
Instrument :
BNA_P
ClientSampleId :
SLCS966

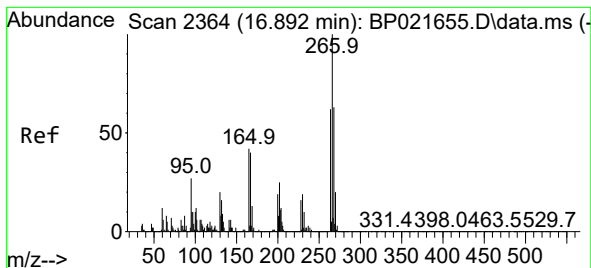
Tgt Ion:248 Resp: 629223
Ion Ratio Lower Upper
248 100
250 96.5 79.6 119.4
141 74.6 57.0 85.4



#69
Hexachlorobenzene
Concen: 26.602 ng/ul
RT: 16.545 min Scan# 2305
Delta R.T. 0.012 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion:284 Resp: 750425
Ion Ratio Lower Upper
284 100
142 32.9 26.5 39.7
249 30.7 24.2 36.4

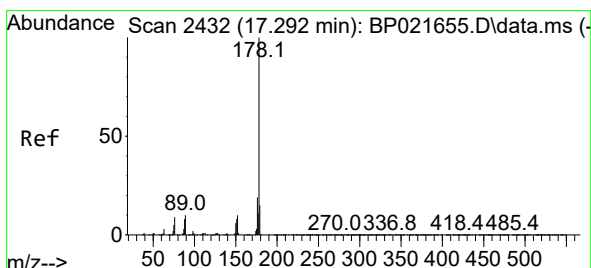
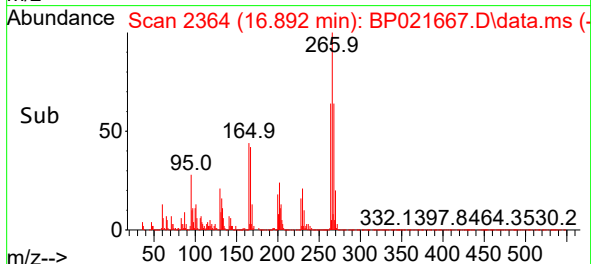
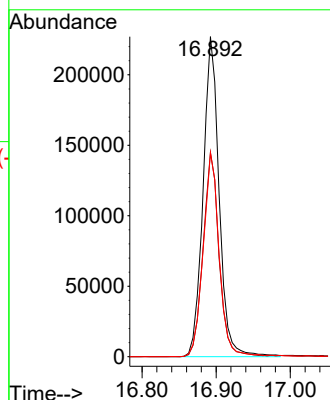
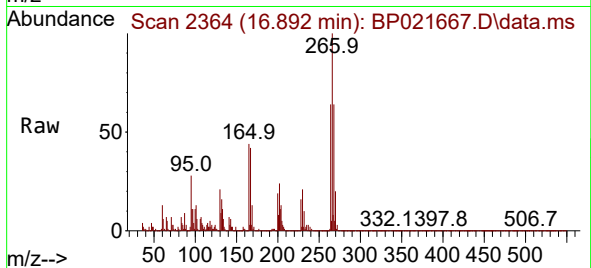




#71
Pentachlorophenol
Concen: 18.942 ng/ul
RT: 16.892 min Scan# 21
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

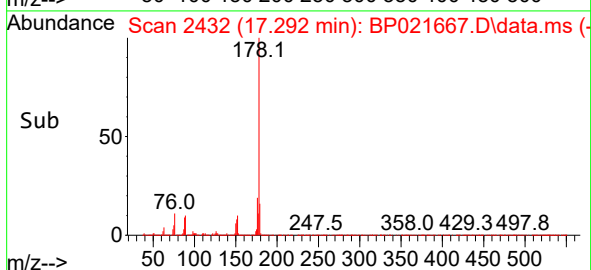
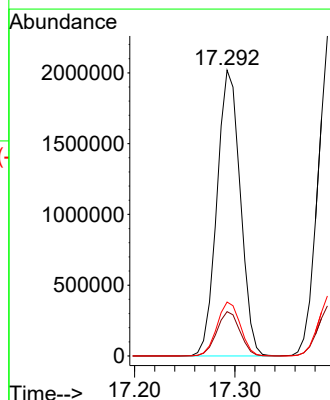
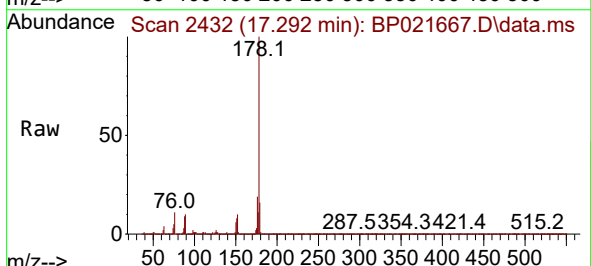
Instrument :
BNA_P
ClientSampleId :
SLCS966

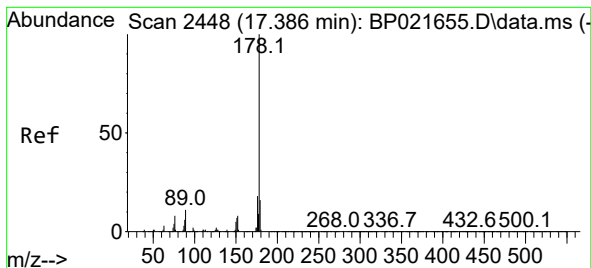
Tgt Ion:266 Resp: 341972
Ion Ratio Lower Upper
266 100
264 63.8 51.4 77.0
268 63.8 50.6 75.8



#72
Phenanthrene
Concen: 27.608 ng/ul
RT: 17.292 min Scan# 2432
Delta R.T. 0.000 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion:178 Resp: 3262491
Ion Ratio Lower Upper
178 100
179 15.5 12.0 18.0
176 18.9 14.8 22.2





#74

Anthracene

Concen: 26.538 ng/uI

RT: 17.392 min Scan# 2449

Delta R.T. 0.006 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

Instrument :

BNA_P

ClientSampleId :

SLCS966

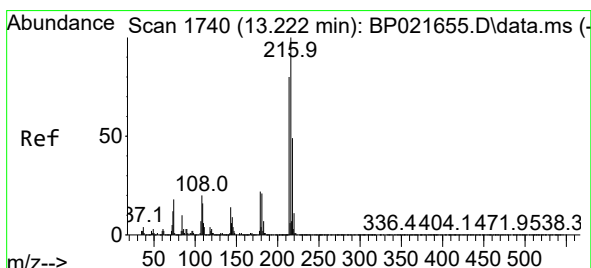
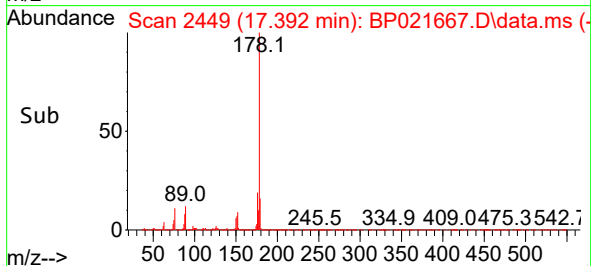
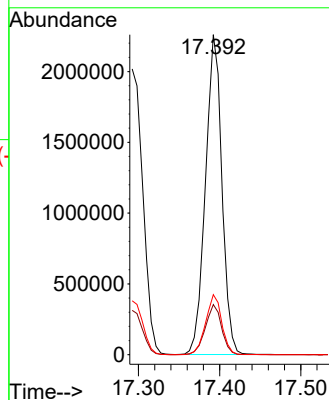
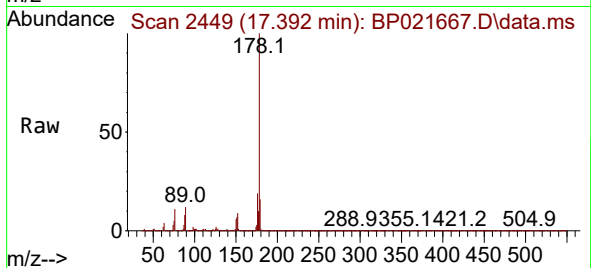
Tgt Ion:178 Resp: 3177117

Ion Ratio Lower Upper

178 100

179 15.7 12.3 18.5

176 18.7 14.6 21.8



#75

1,2,3,4-Tetrachlorobenzene

Concen: 24.373 ng/uI

RT: 13.228 min Scan# 1741

Delta R.T. 0.006 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

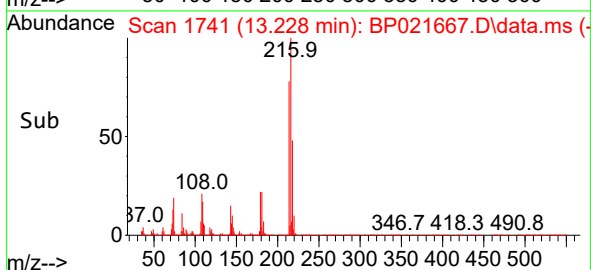
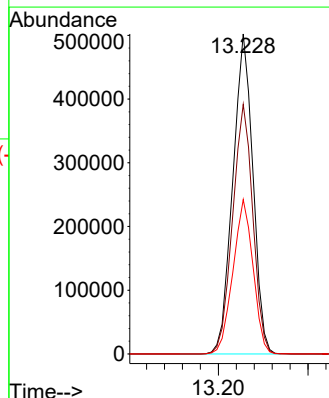
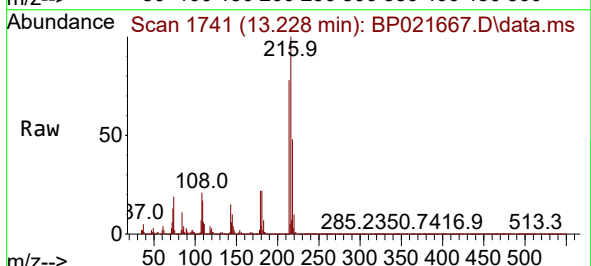
Tgt Ion:216 Resp: 779983

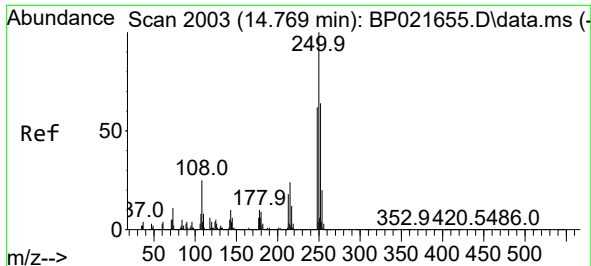
Ion Ratio Lower Upper

216 100

214 78.0 63.9 95.9

218 48.2 39.5 59.3

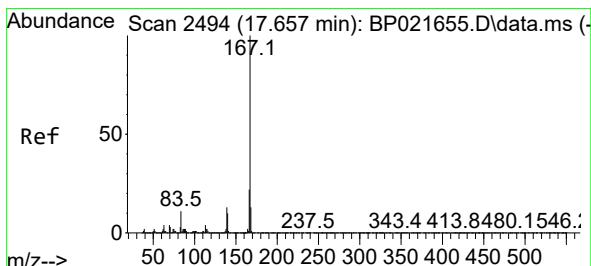
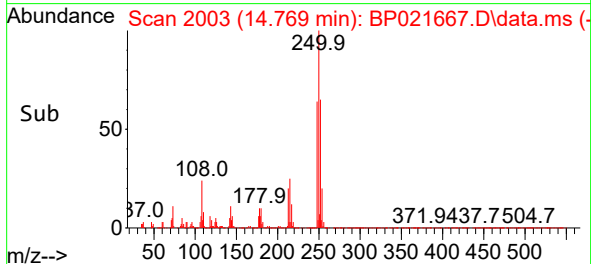
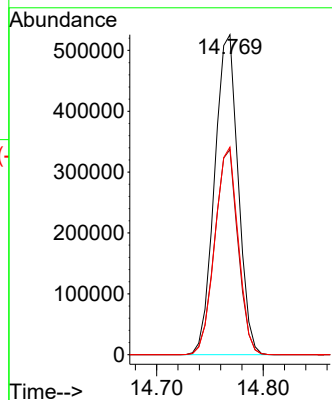
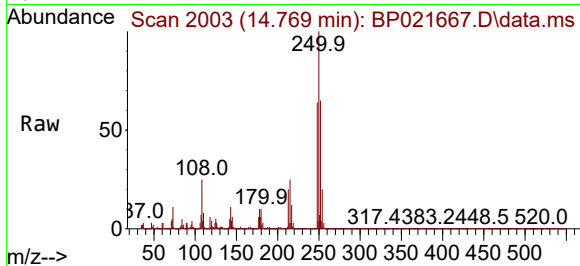




#76
 Pentachlorobenzene
 Concen: 24.342 ng/uL
 RT: 14.769 min Scan# 2003
 Delta R.T. 0.000 min
 Lab File: BP021667.D
 Acq: 27 Aug 2024 11:48

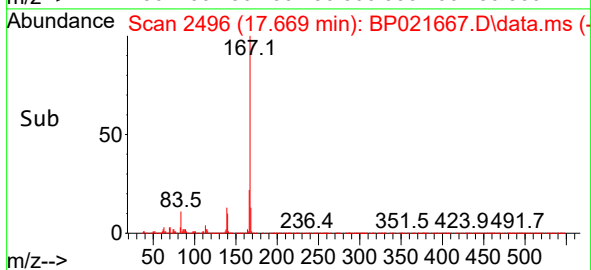
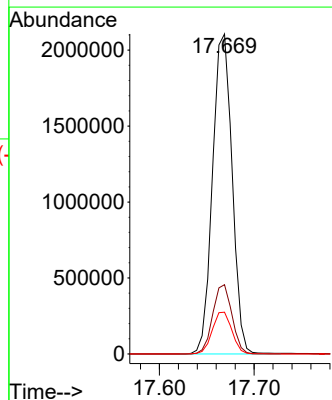
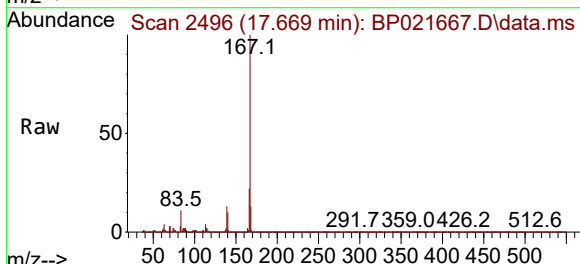
Instrument :
 BNA_P
 ClientSampleId :
 SLCS966

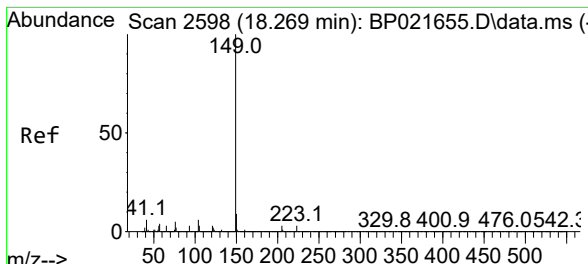
Tgt Ion:250 Resp: 807407
 Ion Ratio Lower Upper
 250 100
 248 64.1 51.0 76.6
 252 64.9 51.4 77.0



#77
 Carbazole
 Concen: 28.111 ng/uL
 RT: 17.669 min Scan# 2496
 Delta R.T. 0.012 min
 Lab File: BP021667.D
 Acq: 27 Aug 2024 11:48

Tgt Ion:167 Resp: 3026831
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.1 25.7
 139 13.1 10.4 15.6



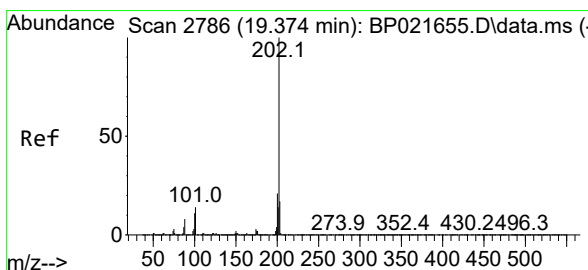
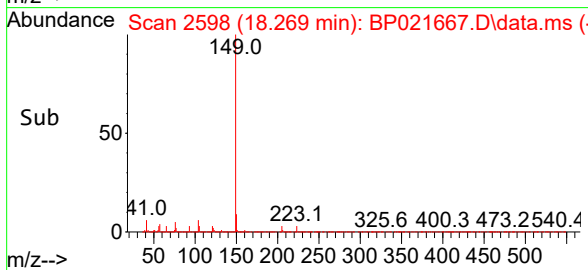
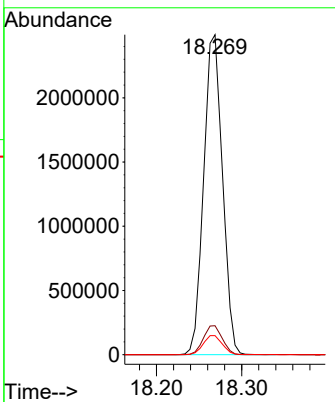
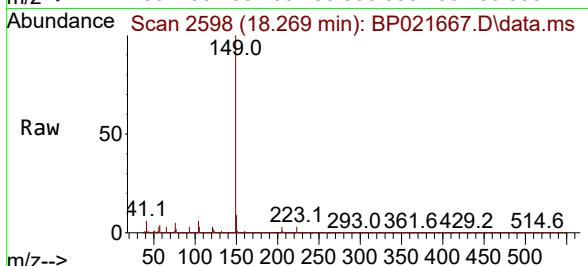


#78
 Di-n-butylphthalate
 Concen: 29.116 ng/ul
 RT: 18.269 min Scan# 21667
 Delta R.T. 0.000 min
 Lab File: BP021667.D
 Acq: 27 Aug 2024 11:48

Instrument :
 BNA_P
 ClientSampleId :
 SLCS966

Tgt Ion:149 Resp: 3816085

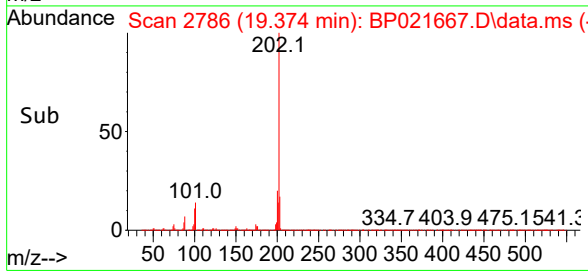
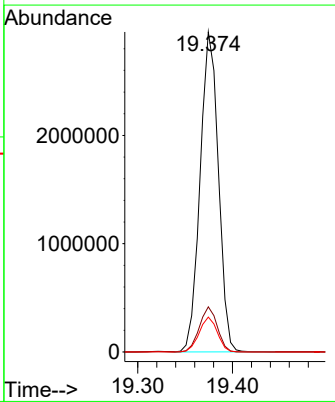
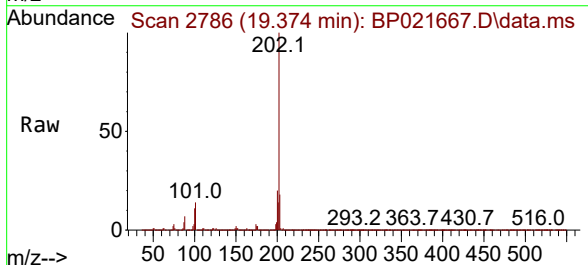
Ion	Ratio	Lower	Upper
149	100		
150	9.1	7.4	11.0
104	6.0	4.8	7.2

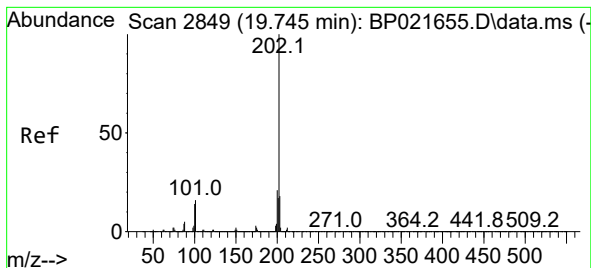


#80
 Fluoranthene
 Concen: 27.639 ng/ul
 RT: 19.374 min Scan# 2786
 Delta R.T. 0.000 min
 Lab File: BP021667.D
 Acq: 27 Aug 2024 11:48

Tgt Ion:202 Resp: 3968583

Ion	Ratio	Lower	Upper
202	100		
101	14.1	11.2	16.8
100	10.9	8.5	12.7





#82

Pyrene

Concen: 27.183 ng/ul

RT: 19.751 min Scan# 2849

Delta R.T. 0.006 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

Instrument :

BNA_P

ClientSampleId :

SLCS966

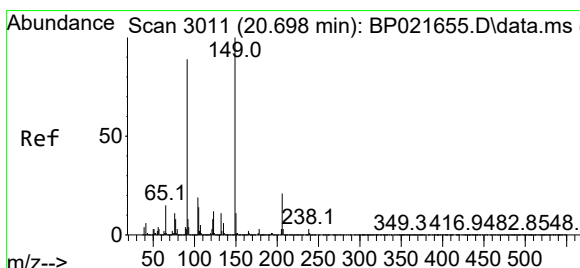
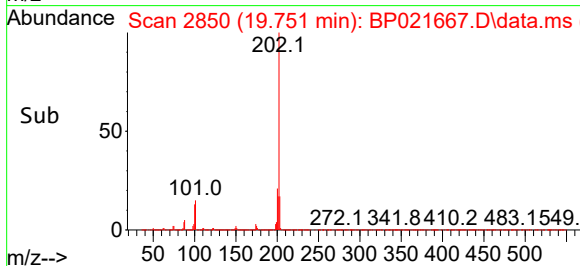
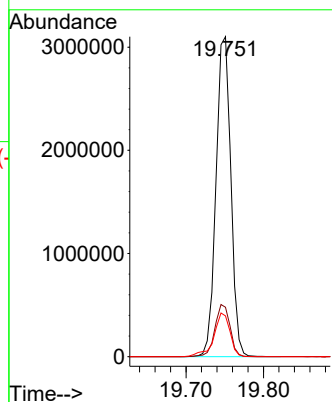
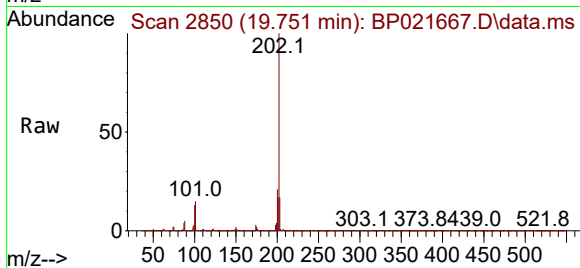
Tgt Ion:202 Resp: 4133792

Ion Ratio Lower Upper

202 100

101 15.4 12.8 19.2

100 12.7 10.8 16.2



#83

Butylbenzylphthalate

Concen: 28.344 ng/ul

RT: 20.704 min Scan# 3012

Delta R.T. 0.006 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

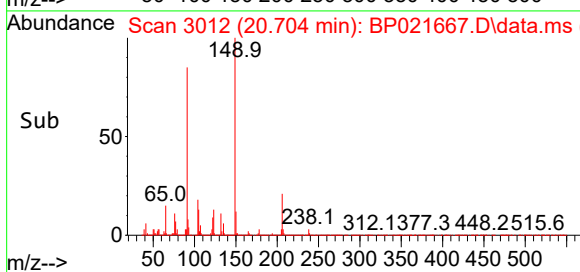
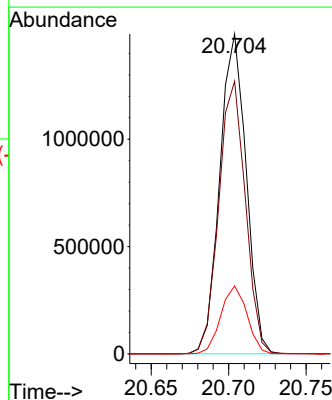
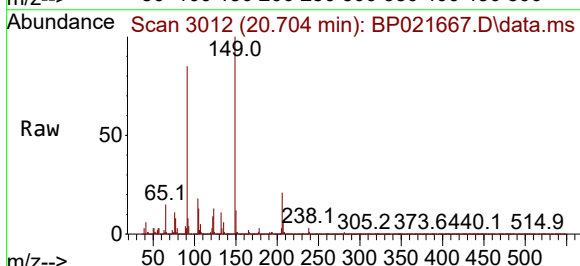
Tgt Ion:149 Resp: 1764836

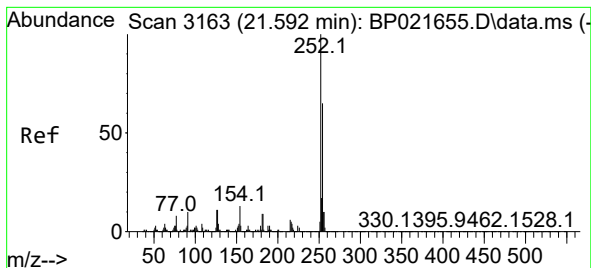
Ion Ratio Lower Upper

149 100

91 85.2 70.1 105.1

206 21.3 16.8 25.2

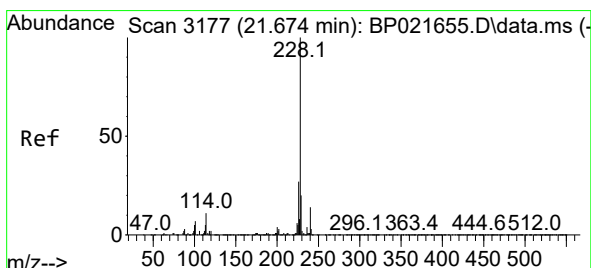
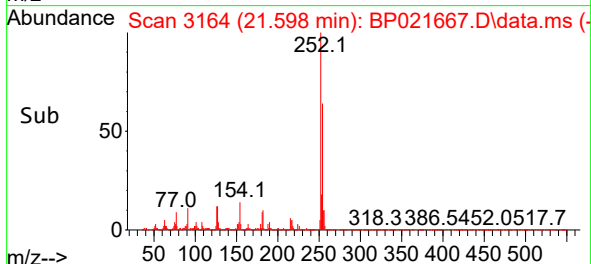
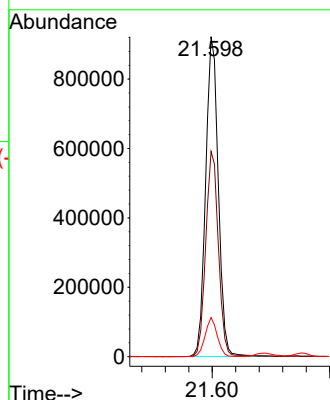
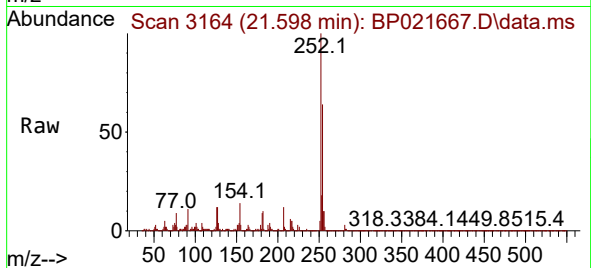




#84
3,3'-Dichlorobenzidine
Concen: 25.364 ng/ul
RT: 21.598 min Scan# 3164
Delta R.T. 0.006 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

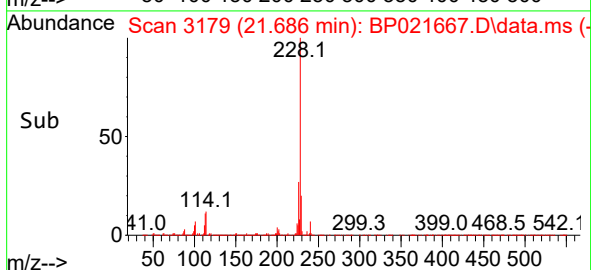
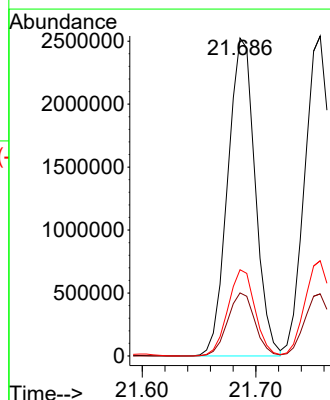
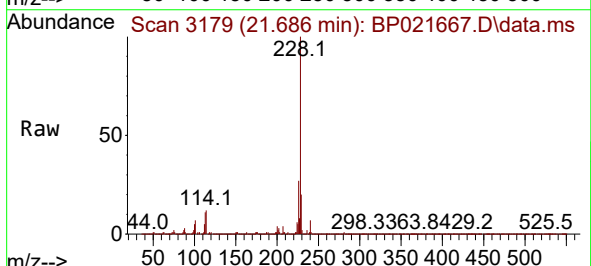
Instrument :
BNA_P
ClientSampleId :
SLCS966

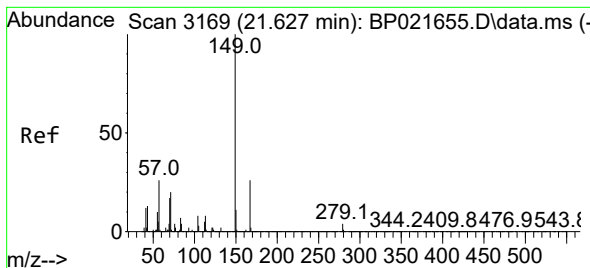
Tgt Ion:252 Resp: 1375899
Ion Ratio Lower Upper
252 100
254 64.2 52.2 78.4
126 12.3 8.9 13.3



#85
Benzo(a)anthracene
Concen: 27.627 ng/ul
RT: 21.686 min Scan# 3179
Delta R.T. 0.012 min
Lab File: BP021667.D
Acq: 27 Aug 2024 11:48

Tgt Ion:228 Resp: 4230079
Ion Ratio Lower Upper
228 100
229 19.8 15.7 23.5
226 27.1 21.7 32.5

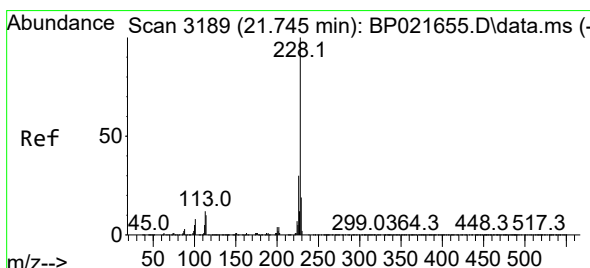
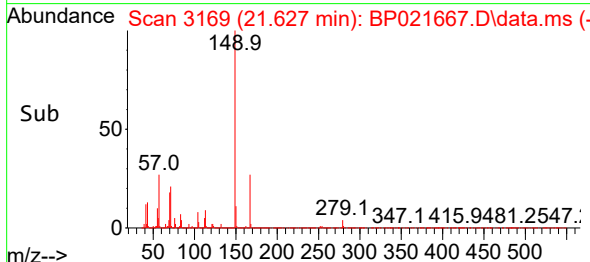
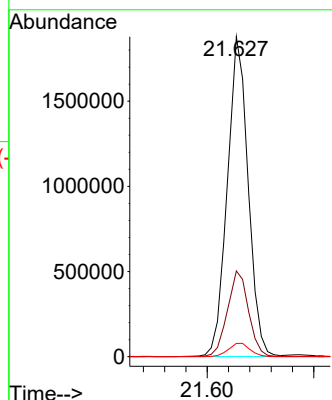
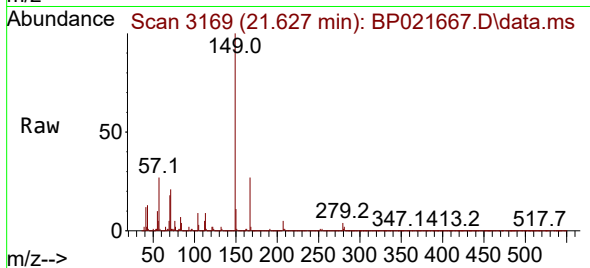




#86
 Bis(2-ethylhexyl)phthalate
 Concen: 27.739 ng/ul
 RT: 21.627 min Scan# 3169
 Delta R.T. 0.000 min
 Lab File: BP021667.D
 Acq: 27 Aug 2024 11:48

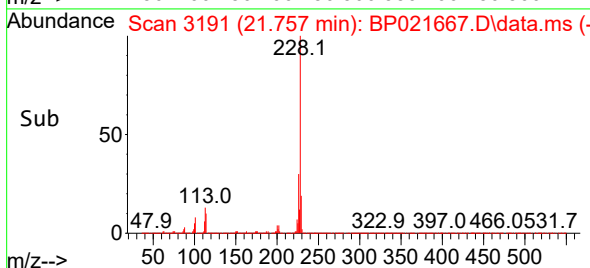
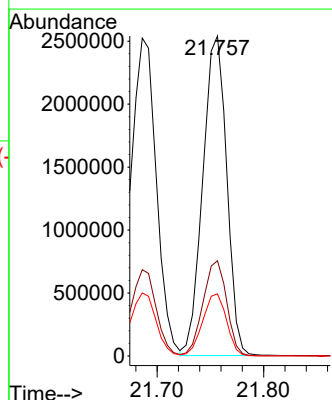
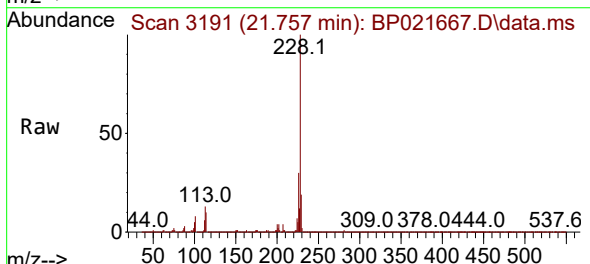
Instrument :
 BNA_P
 ClientSampleId :
 SLCS966

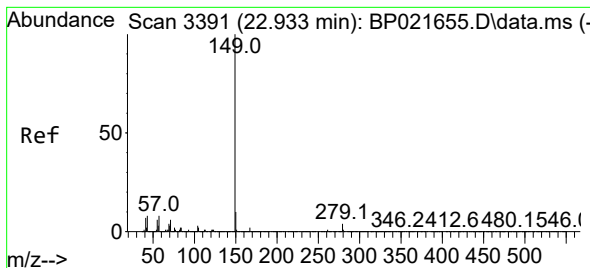
Tgt Ion:149 Resp: 2549197
 Ion Ratio Lower Upper
 149 100
 167 26.8 21.8 32.6
 279 4.1 3.7 5.5



#87
 Chrysene
 Concen: 27.474 ng/ul
 RT: 21.757 min Scan# 3191
 Delta R.T. 0.012 min
 Lab File: BP021667.D
 Acq: 27 Aug 2024 11:48

Tgt Ion:228 Resp: 3959086
 Ion Ratio Lower Upper
 228 100
 226 29.8 23.5 35.3
 229 19.4 15.6 23.4





#89

Di-n-octyl phthalate

Concen: 27.274 ng/ul

RT: 22.939 min Scan# 31

Delta R.T. 0.006 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

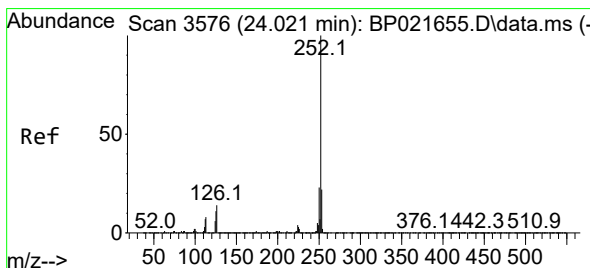
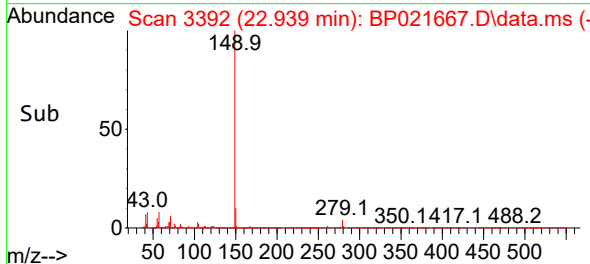
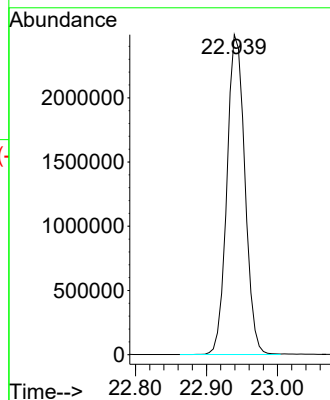
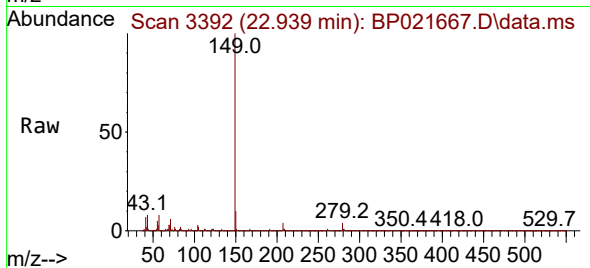
Instrument :

BNA_P

ClientSampleId :

SLCS966

Tgt Ion:149 Resp: 4367899



#90

Benzo(b)fluoranthene

Concen: 27.963 ng/ul

RT: 24.033 min Scan# 3578

Delta R.T. 0.012 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

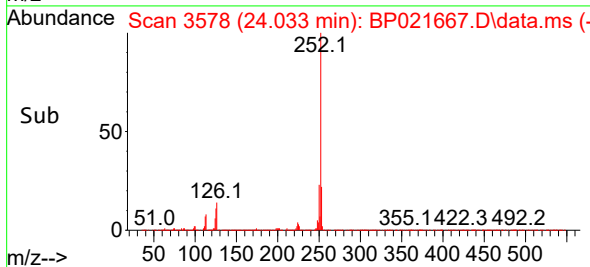
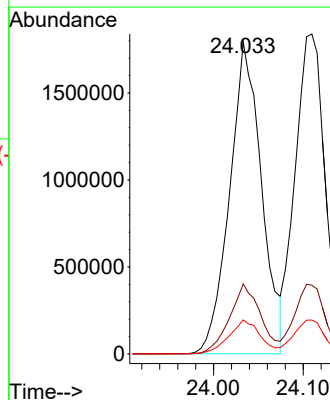
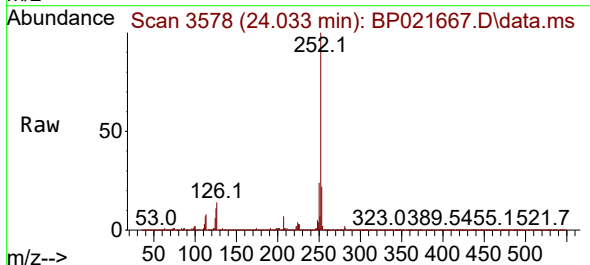
Tgt Ion:252 Resp: 4426741

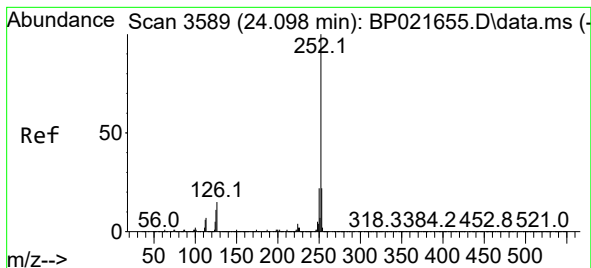
Ion Ratio Lower Upper

252 100

253 22.4 18.1 27.1

125 10.9 8.6 12.8





#91

Benzo(k)fluoranthene

Concen: 27.618 ng/ul

RT: 24.110 min Scan# 3589

Delta R.T. 0.012 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

Instrument :

BNA_P

ClientSampleId :

SLCS966

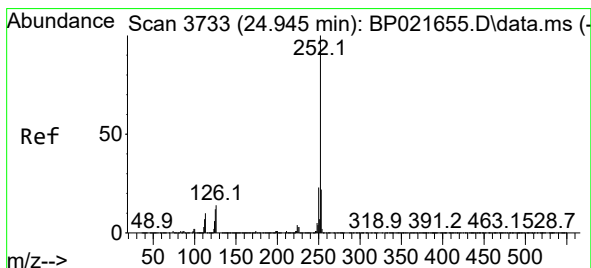
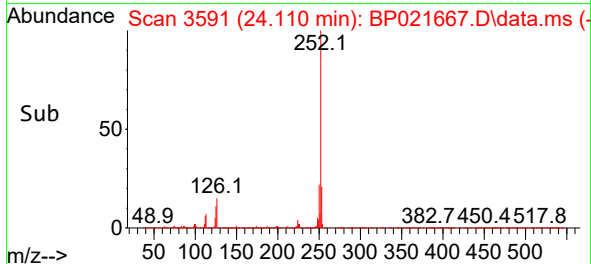
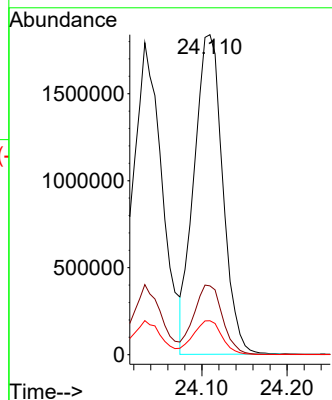
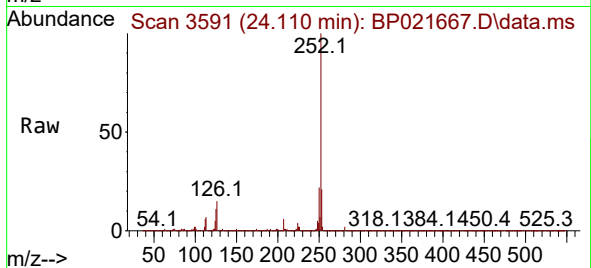
Tgt Ion:252 Resp: 4280145

Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.8

125 10.6 8.6 13.0



#93

Benzo(a)pyrene

Concen: 27.051 ng/ul

RT: 24.957 min Scan# 3735

Delta R.T. 0.012 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

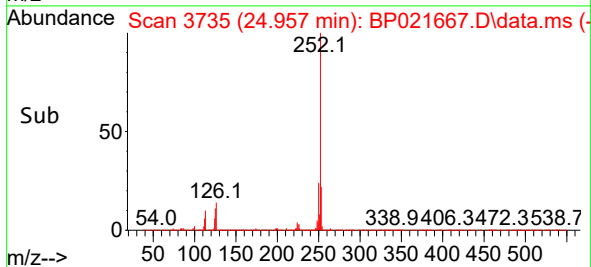
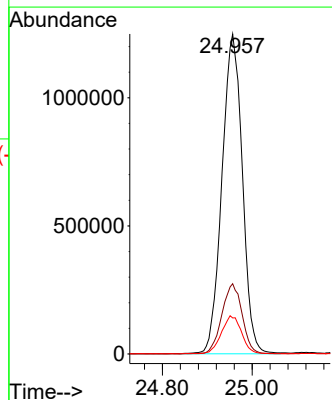
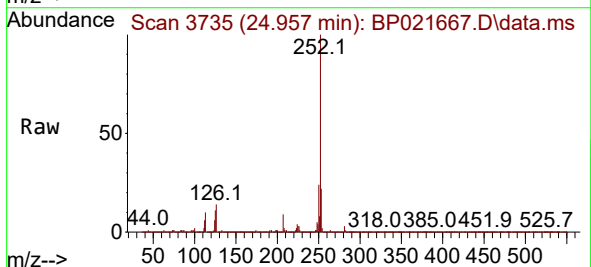
Tgt Ion:252 Resp: 3945261

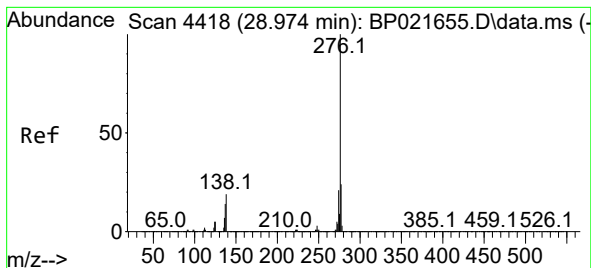
Ion Ratio Lower Upper

252 100

253 21.9 17.4 26.0

125 11.3 9.6 14.4





#94

Indeno(1,2,3-cd)pyrene

Concen: 27.188 ng/ul

RT: 28.997 min Scan# 4422

Delta R.T. 0.024 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

Instrument :

BNA_P

ClientSampleId :

SLCS966

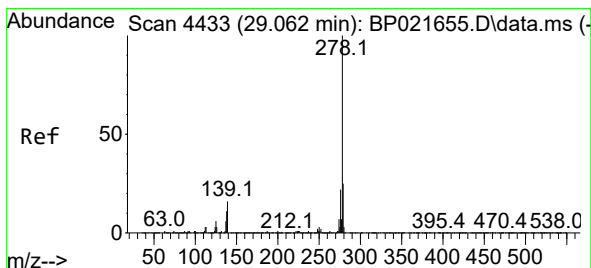
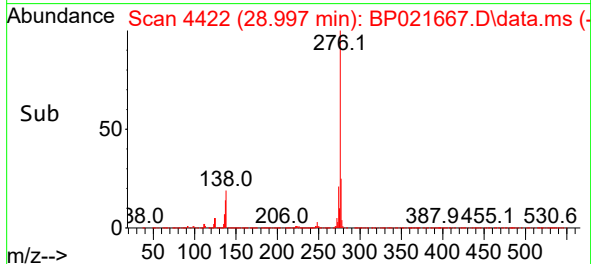
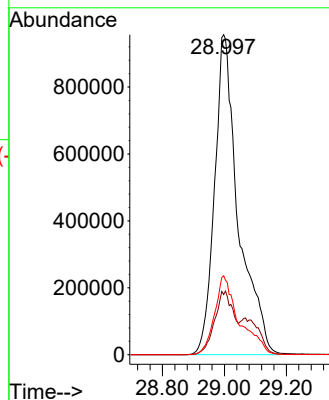
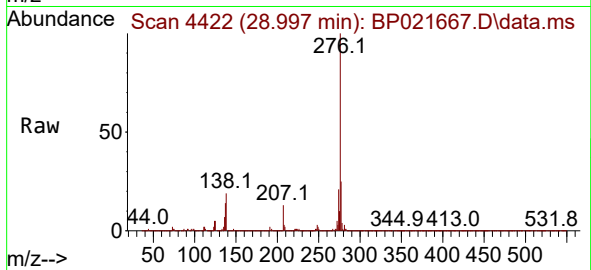
Tgt Ion:276 Resp: 5112781

Ion Ratio Lower Upper

276 100

138 18.8 14.9 22.3

277 24.7 19.0 28.6



#95

Dibenzo(a,h)anthracene

Concen: 27.783 ng/ul

RT: 29.086 min Scan# 4437

Delta R.T. 0.024 min

Lab File: BP021667.D

Acq: 27 Aug 2024 11:48

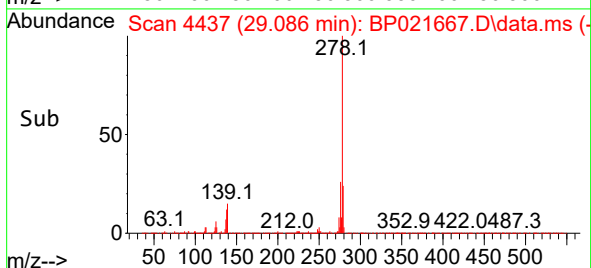
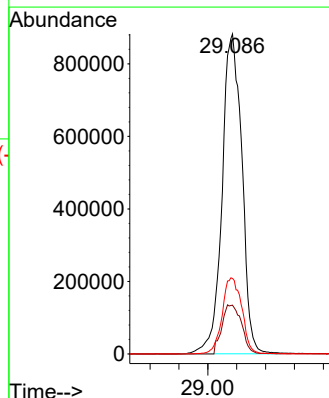
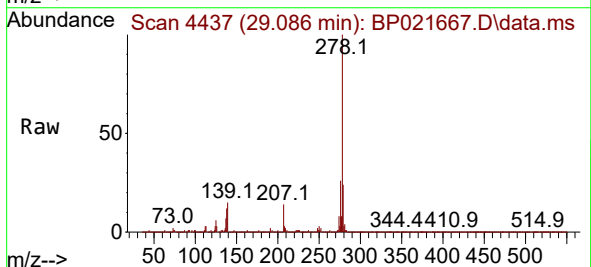
Tgt Ion:278 Resp: 4198353

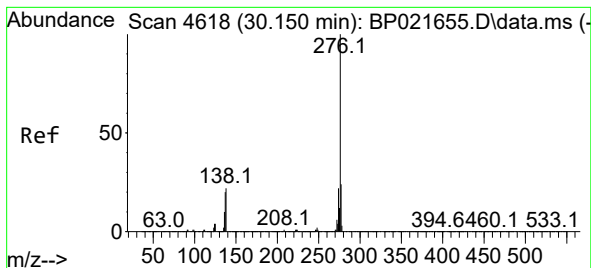
Ion Ratio Lower Upper

278 100

139 15.3 12.7 19.1

279 23.6 18.9 28.3





#96

Benzo(g,h,i)perylene

Concen: 16.654 ng/ul

RT: 30.192 min Scan# 4

Delta R.T. 0.041 min

Lab File: BP021667.D

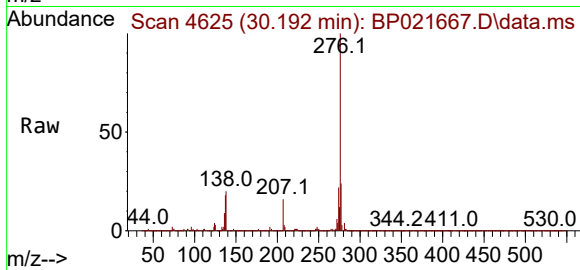
Acq: 27 Aug 2024 11:48

Instrument :

BNA_P

ClientSampleId :

SLCS966



Tgt Ion:276 Resp: 2419841

Ion Ratio Lower Upper

276 100

138 19.9 17.3 25.9

277 24.1 19.4 29.0

