

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080324\
 Data File : BP021349.D
 Acq On : 03 Aug 2024 18:25
 Operator : CG/JU
 Sample : PB162169BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS169

Quant Time: Aug 04 23:22:38 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP071024.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.622	152	216928	20.000	ng/ul	-0.01
20) Naphthalene-d8	10.375	136	818149	20.000	ng/ul	-0.02
38) Acenaphthene-d10	14.263	164	448407	20.000	ng/ul	0.00
64) Phenanthrene-d10	17.081	188	805382	20.000	ng/ul	-0.01
79) Chrysene-d12	21.521	240	957776	20.000	ng/ul	-0.01
88) Perylene-d12	24.804	264	1254075	20.000	ng/ul	-0.03
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.158	96	26805	5.623	ng/uL	-0.02
4) Pyridine-d5	3.575	84	344609	24.970	ng/ul	-0.02
7) Phenol-d5	6.840	99	439201	24.834	ng/ul	0.00
9) Bis-(2-Chloroethyl)eth...	6.969	67	268516	25.053	ng/ul	-0.01
11) 2-Chlorophenol-d4	7.169	132	366772	25.171	ng/ul	-0.01
15) 4-Methylphenol-d8	8.352	113	327110	22.270	ng/ul	-0.01
21) Nitrobenzene-d5	8.781	128	166741	26.239	ng/ul	-0.01
24) 2-Nitrophenol-d4	9.493	143	191739	26.362	ng/ul	-0.01
28) 2,4-Dichlorophenol-d3	10.040	165	331572	25.211	ng/ul	-0.01
31) 4-Chloroaniline-d4	10.546	131	412766	23.691	ng/ul	-0.01
46) Dimethylphthalate-d6	13.669	166	822097	25.220	ng/ul	-0.01
49) Acenaphthylene-d8	13.951	160	997847	27.262	ng/ul	-0.01
54) 4-Nitrophenol-d4	14.587	143	137286	29.601	ng/ul	0.00
60) Fluorene-d10	15.281	176	694181	25.958	ng/ul	0.00
65) 4,6-Dinitro-2-methylph...	15.451	200	124184	25.484	ng/ul	-0.01
73) Anthracene-d10	17.181	188	968778	27.083	ng/ul	-0.01
81) Pyrene-d10	19.563	212	1257804	21.242	ng/ul	-0.01
92) Benzo(a)pyrene-d12	24.580	264	1740169	28.135	ng/ul	-0.02
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.193	88	54145	10.327	ng/uL	96
5) Pyridine	3.599	79	335712	23.584	ng/ul	96
6) Benzaldehyde	6.799	77	268176	30.078	ng/ul	97
8) Phenol	6.869	94	436493	24.391	ng/ul	98
10) Bis(2-Chloroethyl)ether	7.058	93	346990	23.471	ng/ul	98
12) 2-Chlorophenol	7.205	128	362088	24.793	ng/ul	98
13) 2-Methylphenol	8.081	108	319370	23.075	ng/ul	99
14) 2,2'-oxybis(1-Chloropr...	8.128	45	518409	24.272	ng/ul	98
16) Acetophenone	8.440	105	518929	22.890	ng/ul	91
17) N-Nitroso-di-n-propyla...	8.416	70	259314	21.830	ng/ul	99
18) 4-Methylphenol	8.416	108	336573	22.699	ng/ul	92
19) Hexachloroethane	8.663	117	159192	24.257	ng/ul	99
22) Nitrobenzene	8.816	77	399624	26.252	ng/ul	97
23) Isophorone	9.334	82	693664	22.922	ng/ul	99
25) 2-Nitrophenol	9.522	139	194469	25.637	ng/ul	100
26) 2,4-Dimethylphenol	9.587	107	282514	18.887	ng/ul	99
27) Bis(2-Chloroethoxy)met...	9.810	93	438919	23.861	ng/ul	99
29) 2,4-Dichlorophenol	10.069	162	322109	24.851	ng/ul	97
30) Naphthalene	10.434	128	1078419	25.059	ng/ul	100
32) 4-Chloroaniline	10.575	127	357474	21.486	ng/ul	98
33) Hexachlorobutadiene	10.681	225	242033	24.904	ng/ul	98
34) Caprolactam	11.393	113	79109	19.813	ng/ul	95
35) 4-Chloro-3-methylphenol	11.728	107	321923	22.849	ng/ul	99
36) 2-Methylnaphthalene	12.051	142	703057	23.799	ng/ul	98

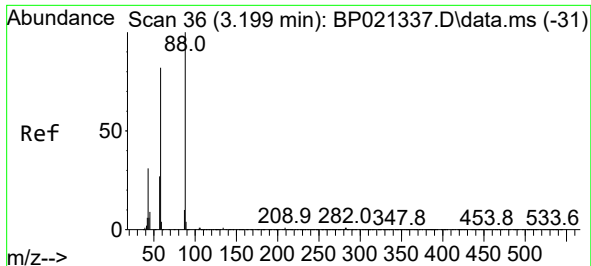
Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP080324\
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 Quant Title : SVOA CALIBRATION
 QLast Update : Mon Jul 29 12:46:18 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.269	142	706839	23.265	ng/ul	99
39) 1,2,4,5-Tetrachloroben...	12.428	216	408458	28.049	ng/ul	97
40) Hexachlorocyclopentadiene	12.375	237	72263	9.486	ng/ul	98
41) 2,4,6-Trichlorophenol	12.698	196	222999	24.235	ng/ul	98
42) 2,4,5-Trichlorophenol	12.793	196	232455	23.876	ng/ul	99
43) 1,1'-Biphenyl	13.075	154	882661	26.935	ng/ul	99
44) 2-Chloronaphthalene	13.122	162	710001	27.140	ng/ul	99
45) 2-Nitroaniline	13.375	65	191974	26.535	ng/ul	95
47) Dimethylphthalate	13.722	163	794564	24.023	ng/ul	100
48) 2,6-Dinitrotoluene	13.863	165	159765	24.161	ng/ul	100
50) Acenaphthylene	13.981	152	1050119	25.340	ng/ul	99
51) 3-Nitroaniline	14.222	138	151616	26.348	ng/ul	99
52) Acenaphthene	14.328	153	699160	25.419	ng/ul	99
53) 2,4-Dinitrophenol	14.469	184	70717	20.364	ng/ul	90
55) 4-Nitrophenol	14.598	109	86076	22.816	ng/ul	81
56) Dibenzofuran	14.675	168	958059	25.436	ng/ul	99
57) 2,4-Dinitrotoluene	14.687	165	220097	24.247	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	14.922	232	169401	20.319	ng/ul	98
59) Diethylphthalate	15.098	149	761452	23.036	ng/ul	100
61) Fluorene	15.334	166	757172	24.634	ng/ul	100
62) 4-Chlorophenyl-phenyle...	15.328	204	403068	24.167	ng/ul	99
63) 4-Nitroaniline	15.410	138	137059	28.762	ng/ul	97
66) 4,6-Dinitro-2-methylph...	15.469	198	130245	25.204	ng/ul#	96
67) N-Nitrosodiphenylamine	15.551	169	622552	26.545	ng/ul	100
68) 4-Bromophenyl-phenylether	16.239	248	236398	25.042	ng/ul	99
69) Hexachlorobenzene	16.363	284	275525	25.455	ng/ul	99
70) Atrazine	16.539	200	91971	10.760	ng/ul	99
71) Pentachlorophenol	16.745	266	110989	18.880	ng/ul	98
72) Phenanthrene	17.128	178	1105584	26.462	ng/ul	100
74) Anthracene	17.216	178	1100042	25.827	ng/ul	100
75) 1,2,3,4-Tetrachloroben...	13.040	216	391893	30.402	ng/uL	99
76) Pentachlorobenzene	14.592	250	364774	28.478	ng/uL	98
77) Carbazole	17.528	167	1019458	29.279	ng/ul	100
78) Di-n-butylphthalate	18.075	149	1185747	24.684	ng/ul	99
80) Fluoranthene	19.216	202	1414378	19.779	ng/ul	99
82) Pyrene	19.592	202	1516040	20.834	ng/ul	99
83) Butylbenzylphthalate	20.539	149	657898	21.700	ng/ul	98
84) 3,3'-Dichlorobenzidine	21.439	252	628559	28.720	ng/ul	99
85) Benzo(a)anthracene	21.504	228	1787026	26.635	ng/ul	99
86) Bis(2-ethylhexyl)phtha...	21.410	149	991525	22.725	ng/ul	99
87) Chrysene	21.569	228	1684899	27.026	ng/ul	100
89) Di-n-octyl phthalate	22.639	149	1921472	23.194	ng/ul	100
90) Benzo(b)fluoranthene	23.768	252	1993609	26.196	ng/ul	98
91) Benzo(k)fluoranthene	23.839	252	1959078	25.795	ng/ul	99
93) Benzo(a)pyrene	24.657	252	1756694	24.427	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	28.562	276	2481205	26.774	ng/ul	99
95) Dibenzo(a,h)anthracene	28.603	278	2031331	26.470	ng/ul	98
96) Benzo(g,h,i)perylene	29.733	276	1036354	13.732	ng/ul	98

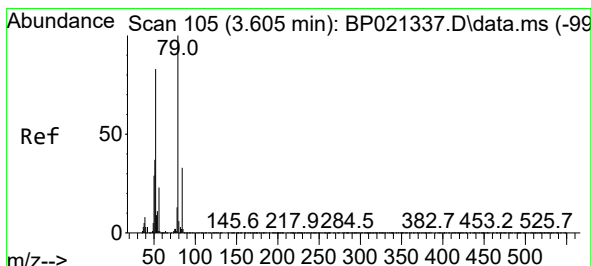
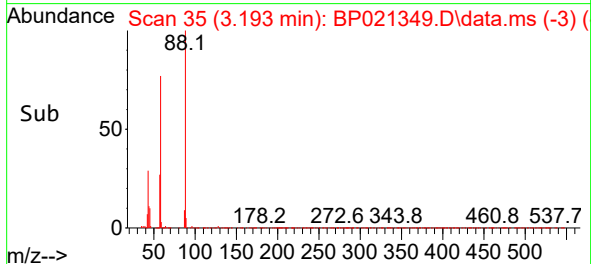
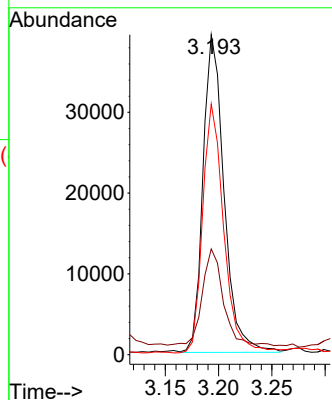
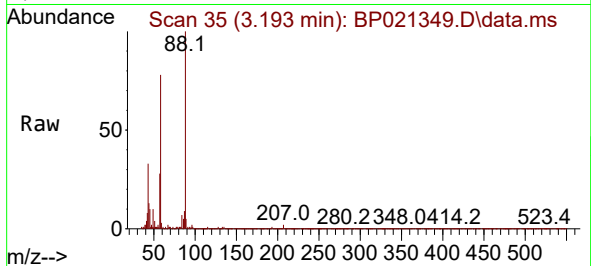
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#2
1,4-Dioxane
Concen: 10.327 ng/uL
RT: 3.193 min Scan# 31
Delta R.T. -0.011 min
Lab File: BP021349.D
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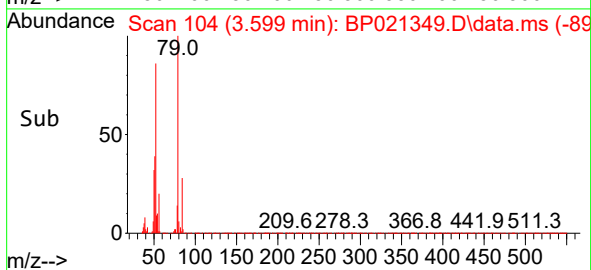
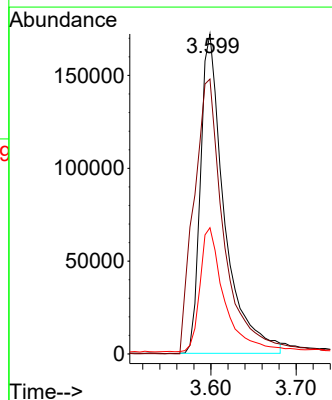
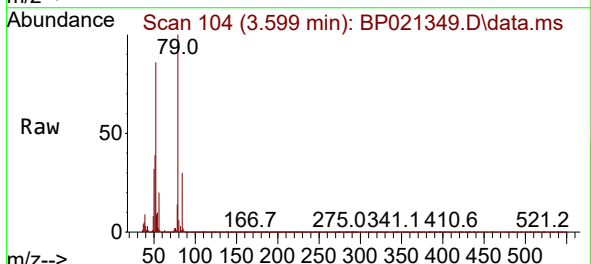
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BNA_P
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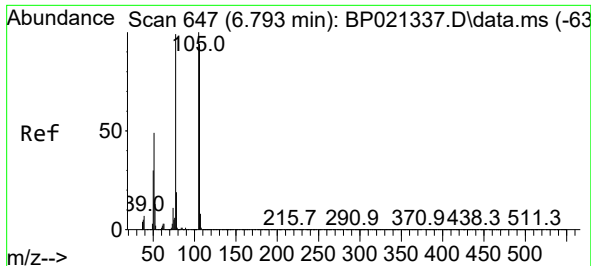
Tgt Ion: 88 Resp: 54145
Ion Ratio Lower Upper
88 100
43 33.0 25.4 38.0
58 78.3 59.2 88.8



#5
Pyridine
Concen: 23.584 ng/uL
RT: 3.599 min Scan# 104
Delta R.T. -0.011 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion: 79 Resp: 335712
Ion Ratio Lower Upper
79 100
52 85.9 64.9 97.3
51 39.4 30.5 45.7

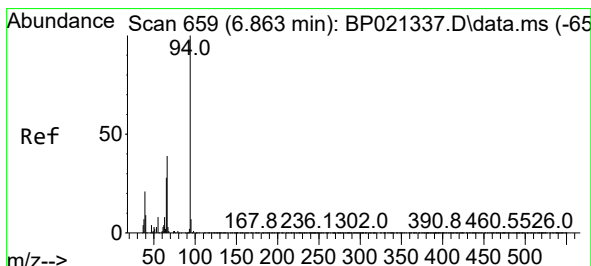
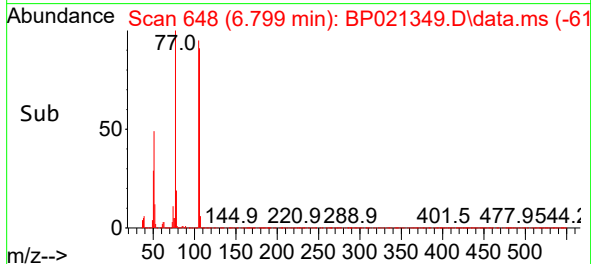
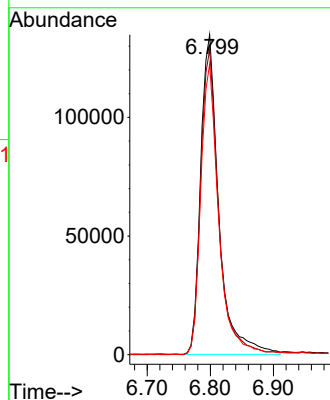
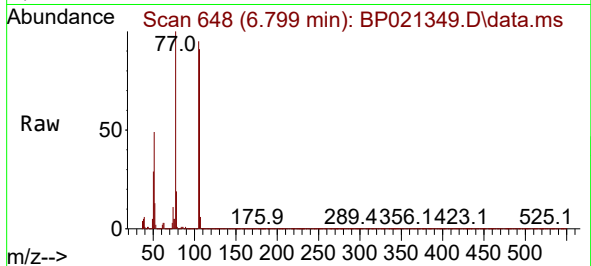




#6
Benzaldehyde
Concen: 30.078 ng/ul
RT: 6.799 min Scan# 647
Delta R.T. -0.006 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

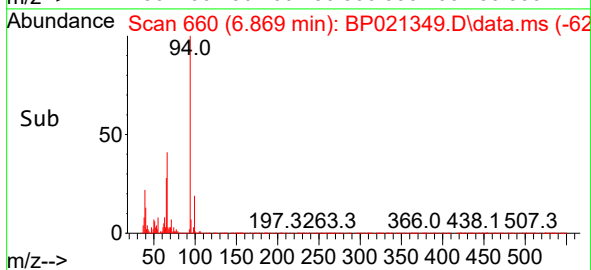
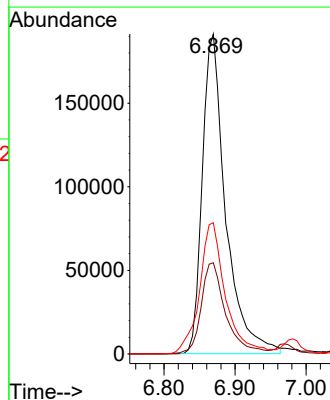
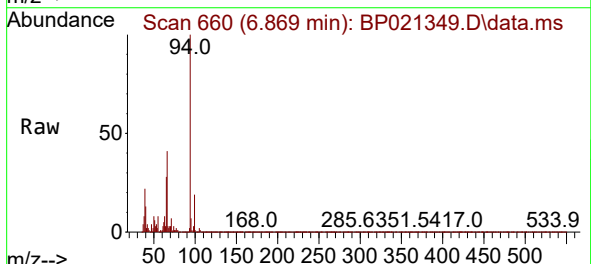
Instrument :
BNA_P
ClientSampleId :
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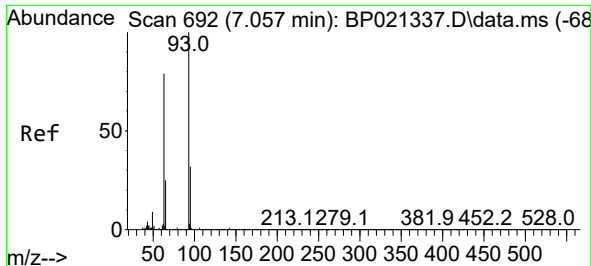
Tgt Ion: 77 Resp: 268176
Ion Ratio Lower Upper
77 100
105 95.3 79.3 118.9
106 90.9 74.6 112.0



#8
Phenol
Concen: 24.391 ng/ul
RT: 6.869 min Scan# 660
Delta R.T. -0.006 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion: 94 Resp: 436493
Ion Ratio Lower Upper
94 100
65 28.5 23.4 35.0
66 41.0 33.9 50.9





#10

Bis(2-Chloroethyl)ether

Concen: 23.471 ng/ul

RT: 7.058 min Scan# 692

Delta R.T. -0.017 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Instrument :

BNA_P

ClientSampleId :

SLCS169

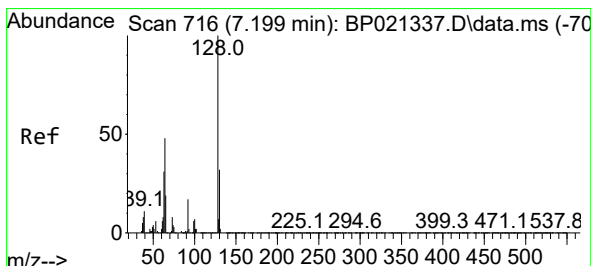
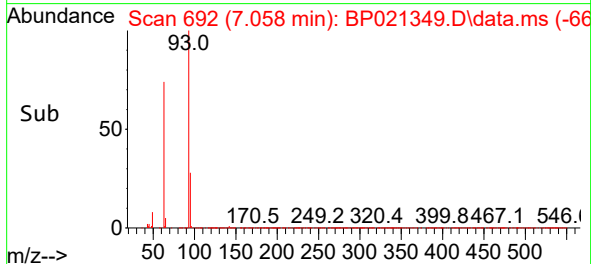
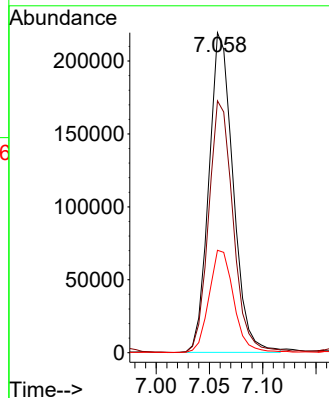
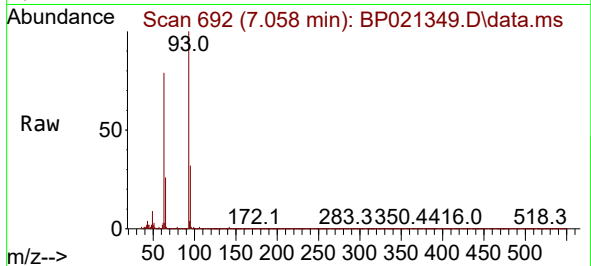
Tgt Ion: 93 Resp: 346990

Ion Ratio Lower Upper

93 100

63 78.7 61.5 92.3

95 32.0 25.1 37.7



#12

2-Chlorophenol

Concen: 24.793 ng/ul

RT: 7.205 min Scan# 717

Delta R.T. -0.006 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

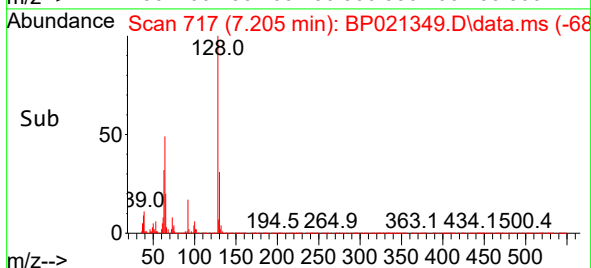
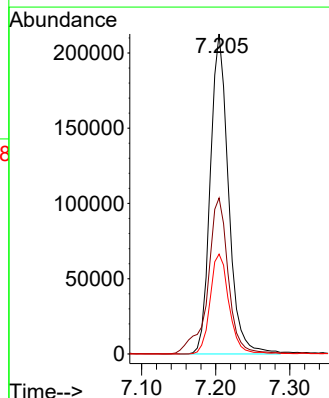
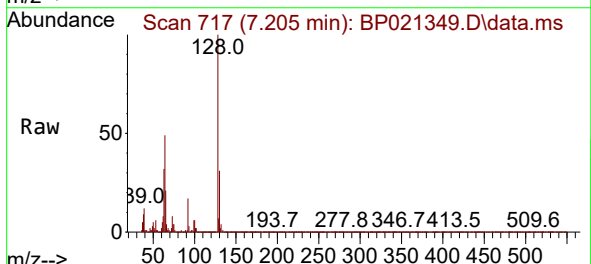
Tgt Ion: 128 Resp: 362088

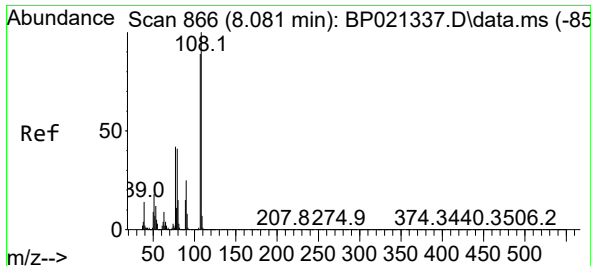
Ion Ratio Lower Upper

128 100

64 48.7 37.9 56.9

130 31.2 25.6 38.4

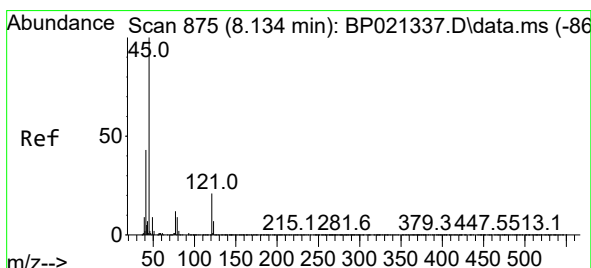
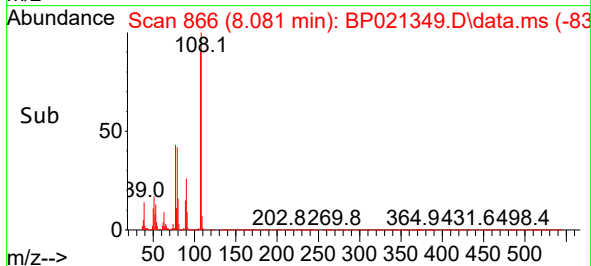
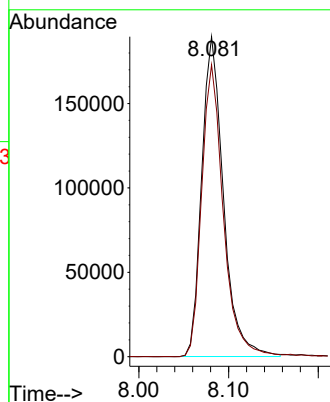
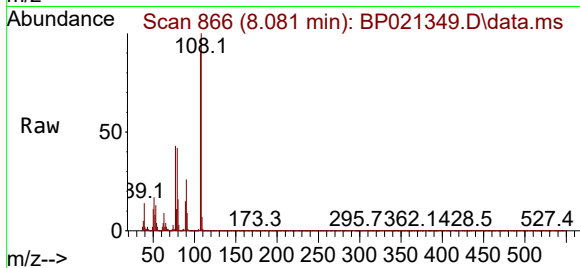




#13
2-Methylphenol
Concen: 23.075 ng/ul
RT: 8.081 min Scan# 80
Delta R.T. -0.017 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

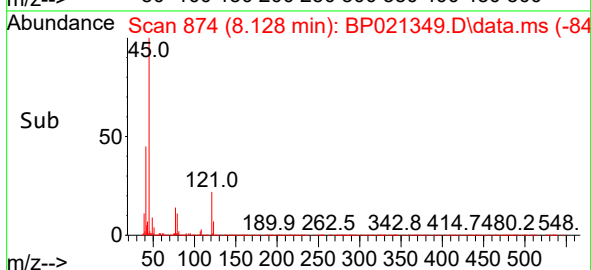
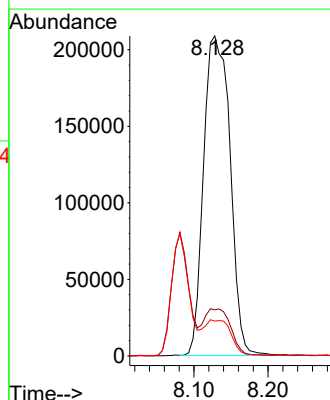
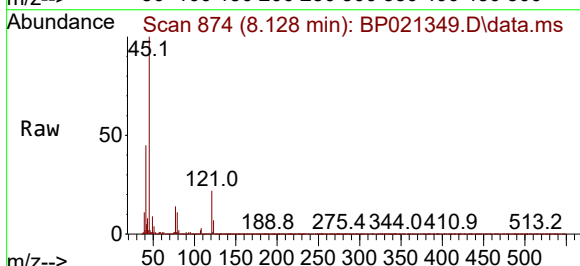
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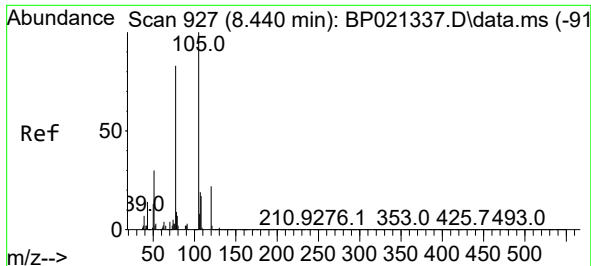
Tgt Ion:108 Resp: 319370
Ion Ratio Lower Upper
108 100
107 91.2 73.8 110.8



#14
2,2'-oxybis(1-Chloropropane)
Concen: 24.272 ng/ul
RT: 8.128 min Scan# 874
Delta R.T. -0.029 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion: 45 Resp: 518409
Ion Ratio Lower Upper
45 100
77 14.4 10.9 16.3
79 10.9 8.1 12.1

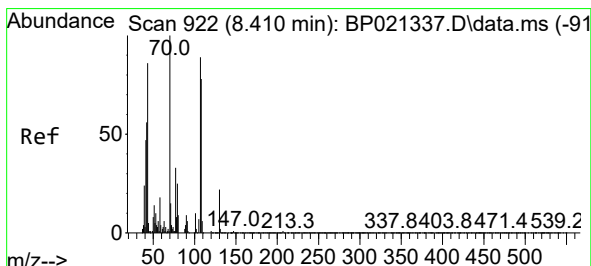
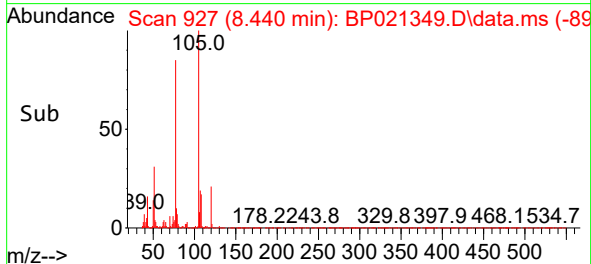
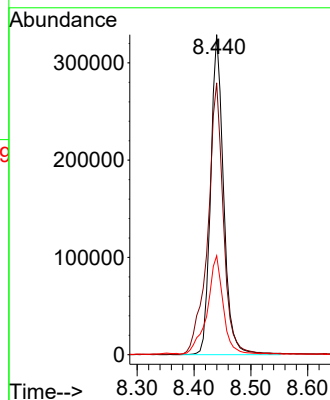
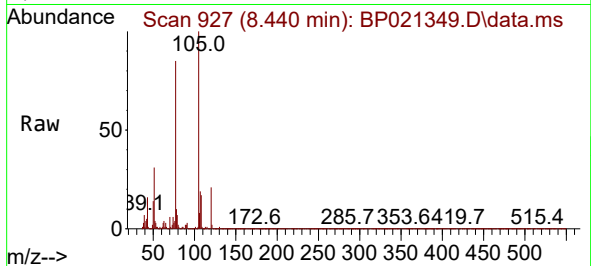




#16
Acetophenone
Concen: 22.890 ng/ul
RT: 8.440 min Scan# 91
Delta R.T. -0.017 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

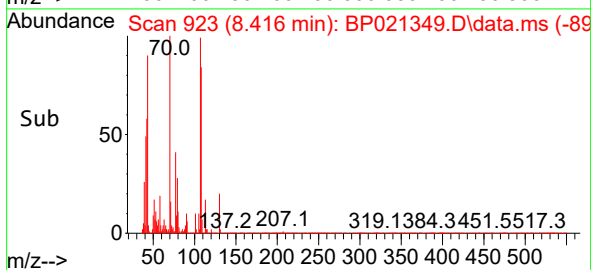
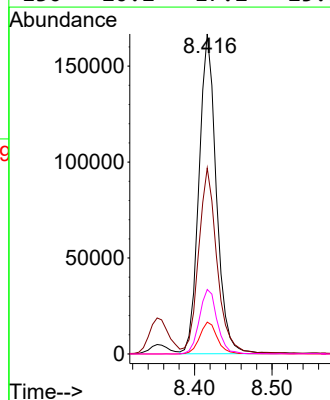
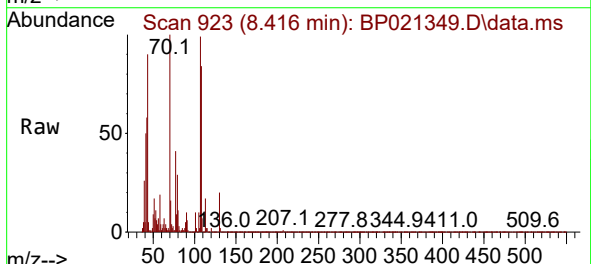
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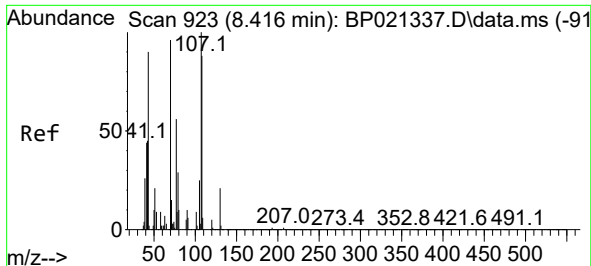
Tgt Ion:105 Resp: 518929
Ion Ratio Lower Upper
105 100
77 85.0 61.8 92.8
51 30.9 21.5 32.3



#17
N-Nitroso-di-n-propylamine
Concen: 21.830 ng/ul
RT: 8.416 min Scan# 923
Delta R.T. -0.017 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion: 70 Resp: 259314
Ion Ratio Lower Upper
70 100
42 58.1 46.6 69.8
101 10.0 7.4 11.0
130 20.2 17.2 25.8

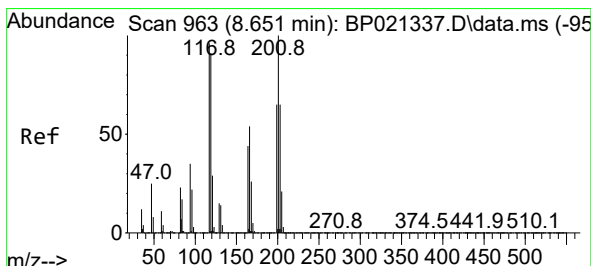
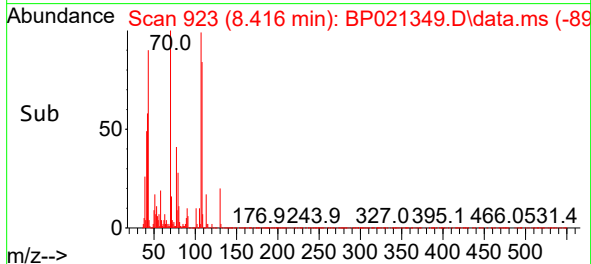
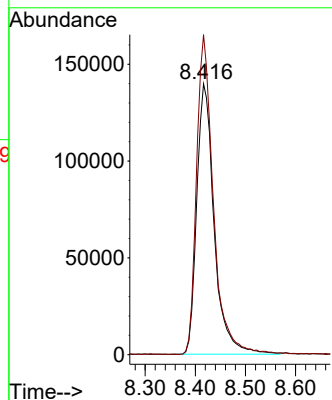
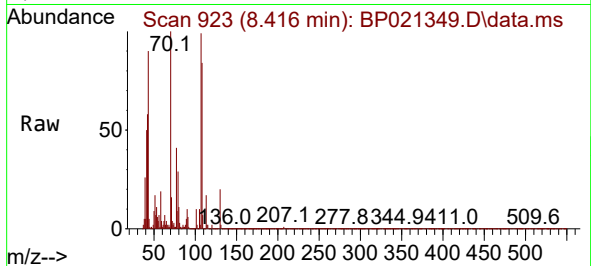




#18
4-Methylphenol
Concen: 22.699 ng/ul
RT: 8.416 min Scan# 91
Delta R.T. -0.011 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

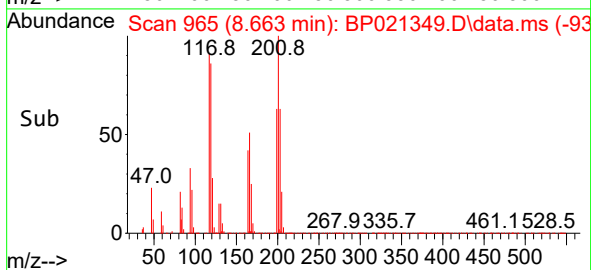
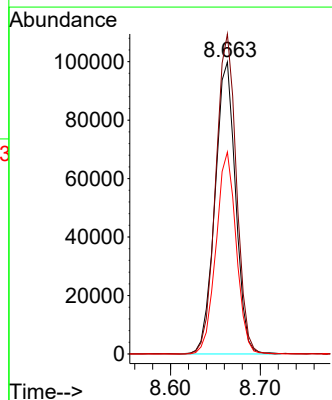
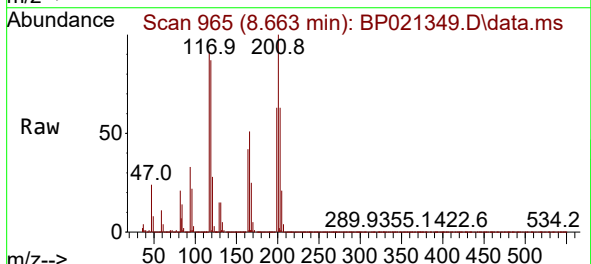
Instrument :
BNA_P
ClientSampleId :
SLCS169

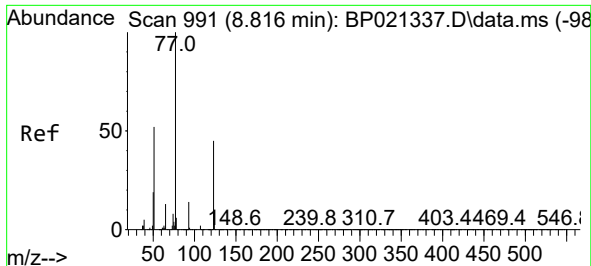
Tgt Ion:108 Resp: 336573
Ion Ratio Lower Upper
108 100
107 118.1 87.8 131.8



#19
Hexachloroethane
Concen: 24.257 ng/ul
RT: 8.663 min Scan# 965
Delta R.T. -0.011 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion:117 Resp: 159192
Ion Ratio Lower Upper
117 100
201 109.6 88.2 132.2
199 69.1 55.8 83.6

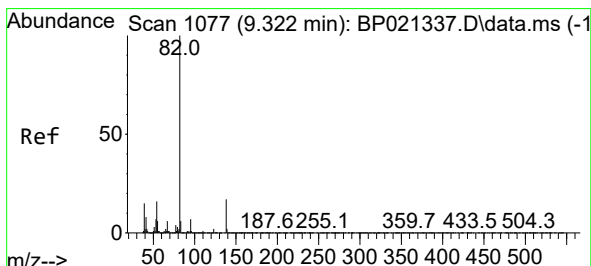
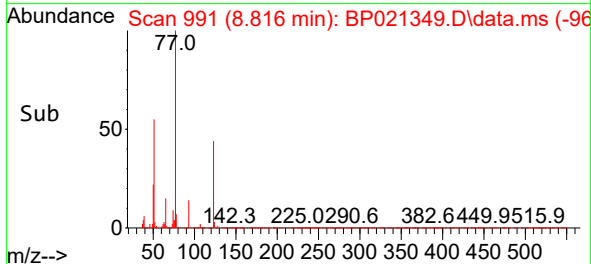
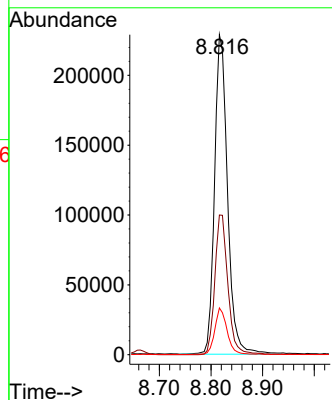
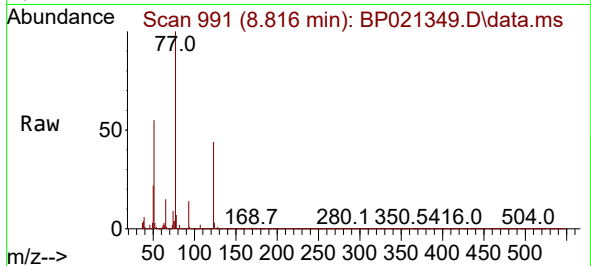




#22
Nitrobenzene
Concen: 26.252 ng/ul
RT: 8.816 min Scan# 991
Delta R.T. -0.023 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

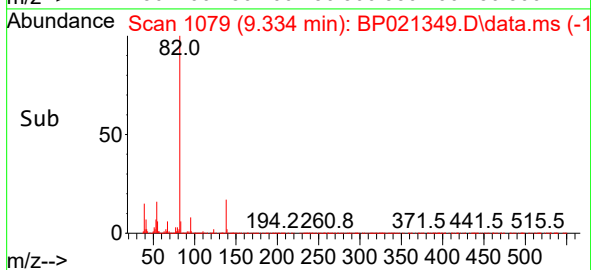
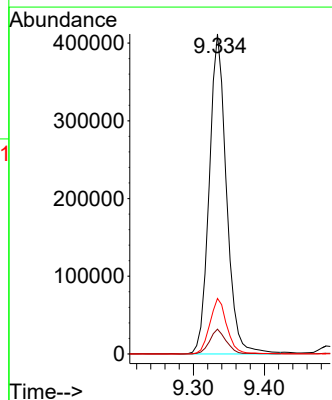
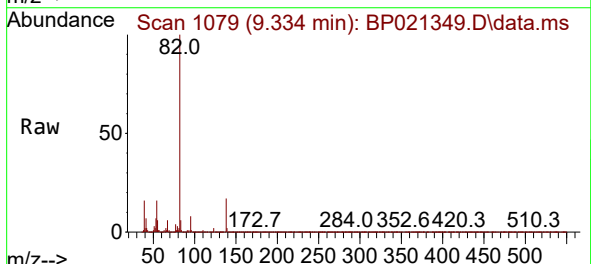
Instrument :
BNA_P
ClientSampleId :
SLCS169

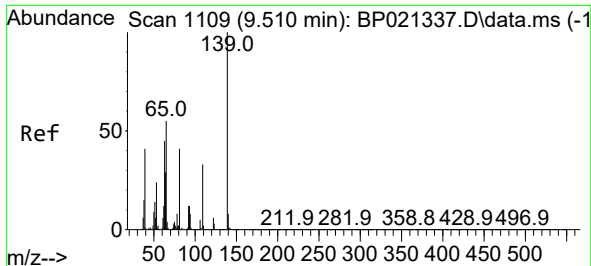
Tgt Ion: 77 Resp: 399624
Ion Ratio Lower Upper
77 100
123 43.7 36.7 55.1
65 14.6 11.1 16.7



#23
Isophorone
Concen: 22.922 ng/ul
RT: 9.334 min Scan# 1079
Delta R.T. -0.011 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion: 82 Resp: 693664
Ion Ratio Lower Upper
82 100
95 7.8 6.1 9.1
138 17.4 14.4 21.6

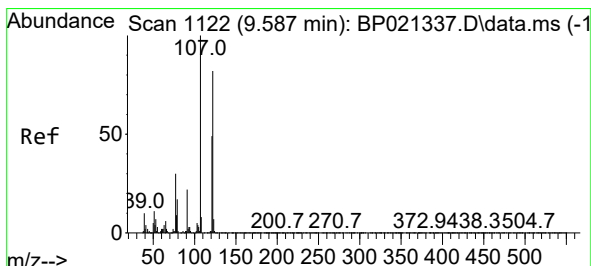
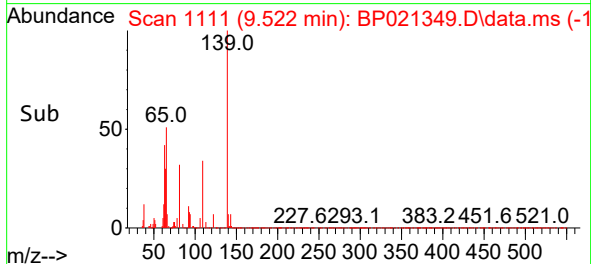
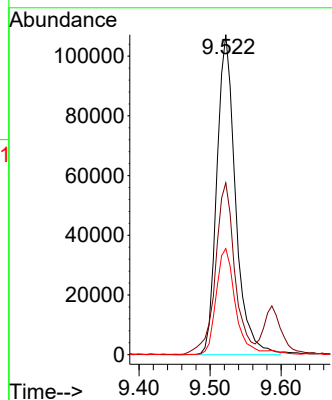
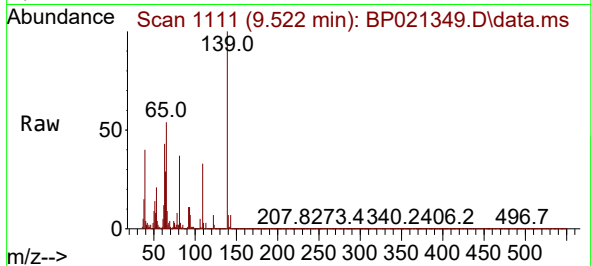




#25
2-Nitrophenol
Concen: 25.637 ng/ul
RT: 9.522 min Scan# 1111
Delta R.T. -0.017 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

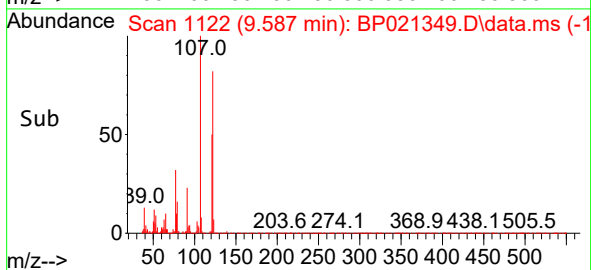
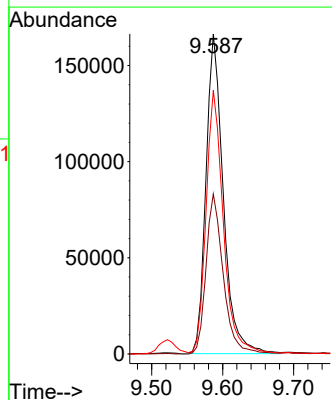
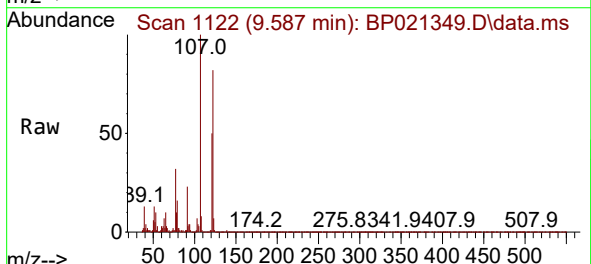
Instrument :
BNA_P
ClientSampleId :
SLCS169

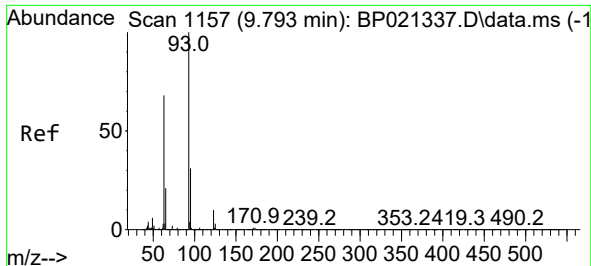
Tgt Ion:139 Resp: 194469
Ion Ratio Lower Upper
139 100
65 53.7 42.9 64.3
109 33.1 26.2 39.4



#26
2,4-Dimethylphenol
Concen: 18.887 ng/ul
RT: 9.587 min Scan# 1122
Delta R.T. -0.017 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion:107 Resp: 282514
Ion Ratio Lower Upper
107 100
121 50.0 39.6 59.4
122 82.4 66.3 99.5





#27

Bis(2-Chloroethoxy)methane

Concen: 23.861 ng/ul

RT: 9.810 min Scan# 1157

Delta R.T. -0.011 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Instrument :

BNA_P

ClientSampleId :

SLCS169

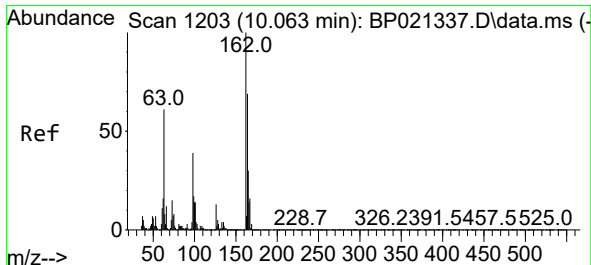
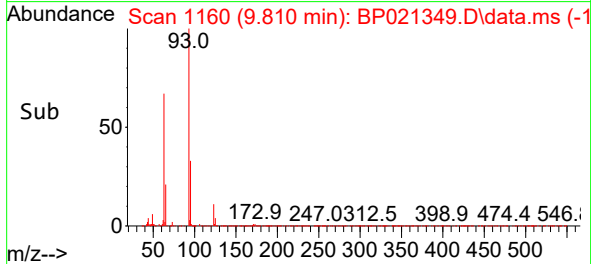
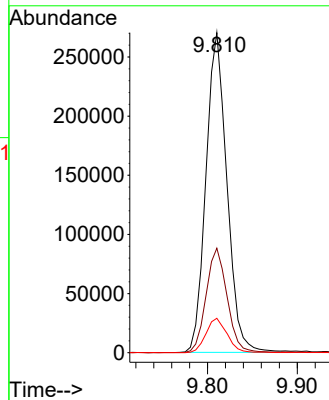
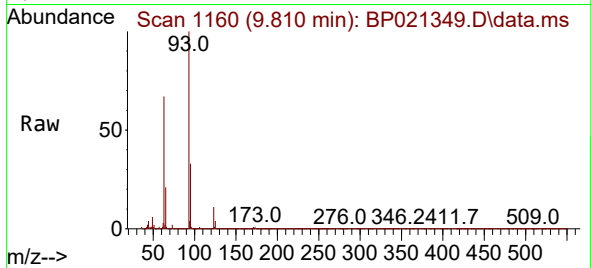
Tgt Ion: 93 Resp: 438919

Ion Ratio Lower Upper

93 100

95 32.6 25.5 38.3

123 10.8 9.0 13.4



#29

2,4-Dichlorophenol

Concen: 24.851 ng/ul

RT: 10.069 min Scan# 1204

Delta R.T. -0.011 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

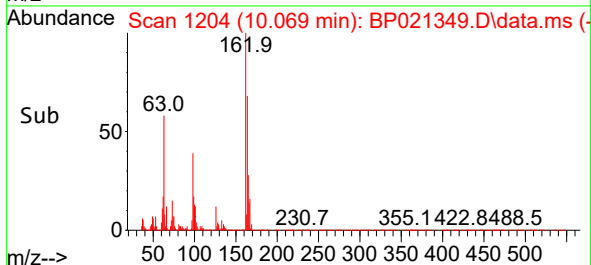
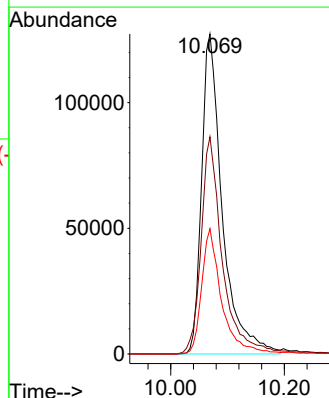
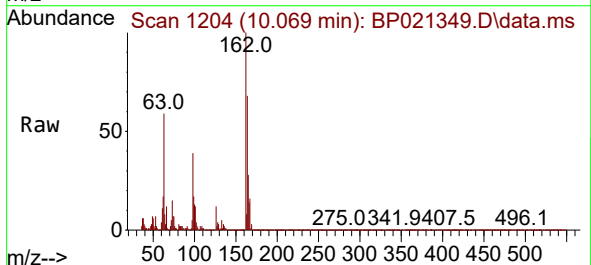
Tgt Ion:162 Resp: 322109

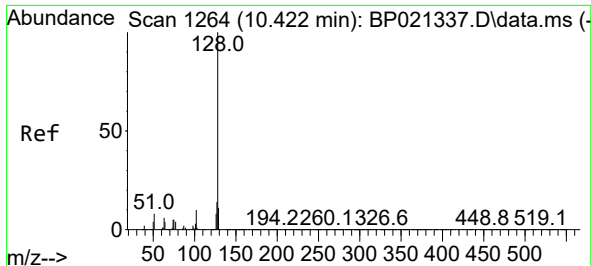
Ion Ratio Lower Upper

162 100

164 67.9 53.3 79.9

98 39.2 28.7 43.1

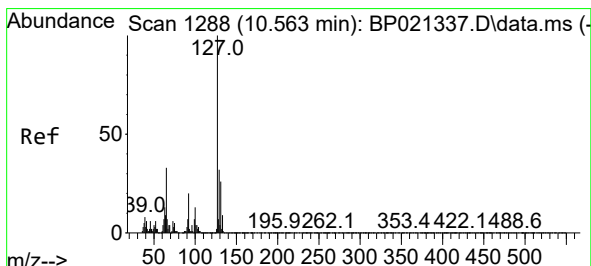
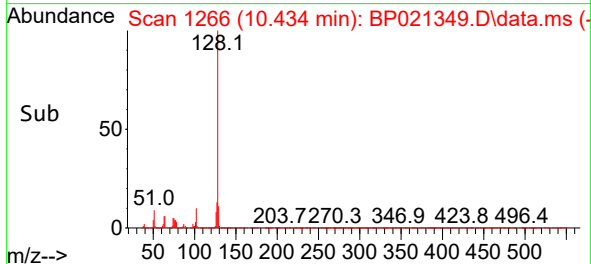
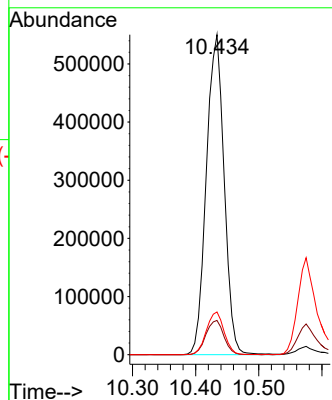
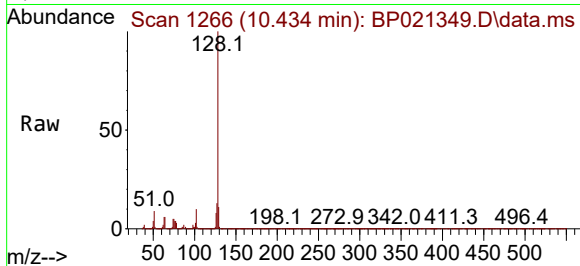




#30
Naphthalene
Concen: 25.059 ng/ul
RT: 10.434 min Scan# 1266
Delta R.T. -0.006 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

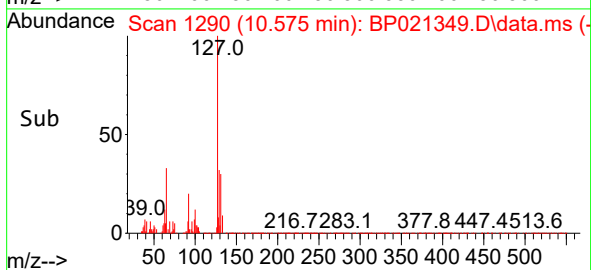
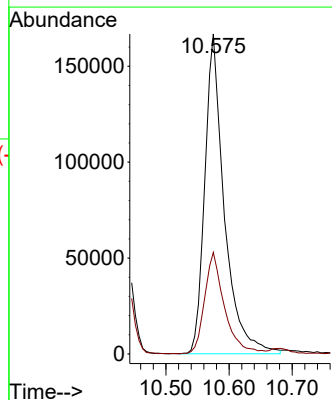
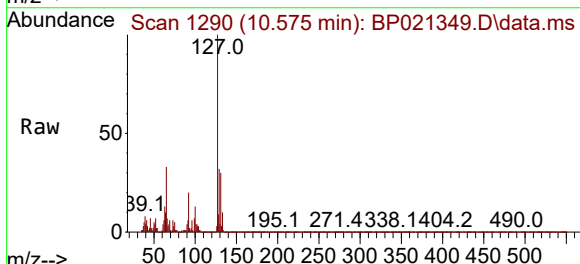
Instrument :
BNA_P
ClientSampleId :
SLCS169

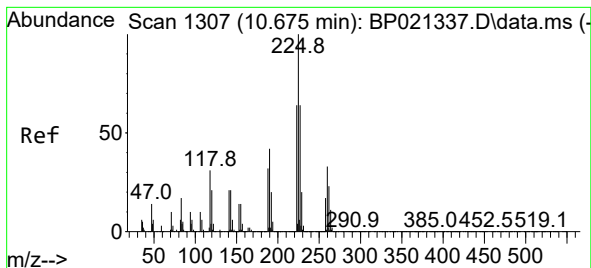
Tgt Ion:128 Resp: 1078419
Ion Ratio Lower Upper
128 100
129 10.7 8.6 13.0
127 13.3 10.8 16.2



#32
4-Chloroaniline
Concen: 21.486 ng/ul
RT: 10.575 min Scan# 1290
Delta R.T. -0.011 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion:127 Resp: 357474
Ion Ratio Lower Upper
127 100
129 31.7 26.1 39.1





#33

Hexachlorobutadiene

Concen: 24.904 ng/ul

RT: 10.681 min Scan# 11

Delta R.T. -0.029 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Instrument :

BNA_P

ClientSampleId :

SLCS169

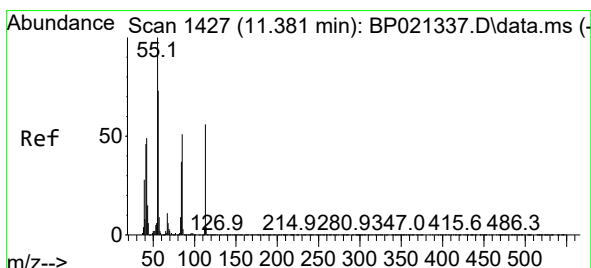
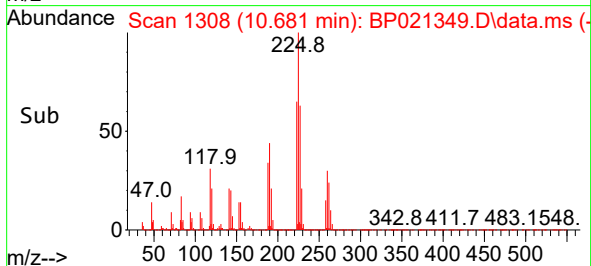
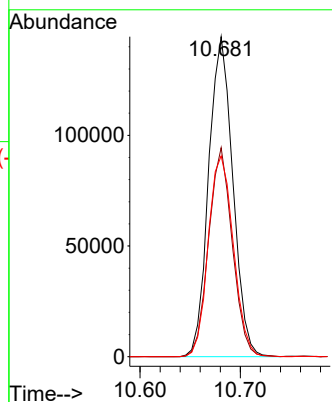
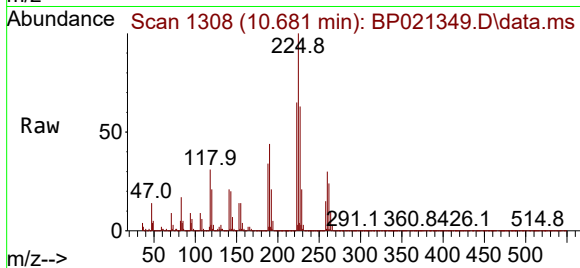
Tgt Ion:225 Resp: 242033

Ion Ratio Lower Upper

225 100

223 65.3 50.2 75.2

227 62.7 50.6 75.8



#34

Caprolactam

Concen: 19.813 ng/ul

RT: 11.393 min Scan# 1429

Delta R.T. -0.011 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

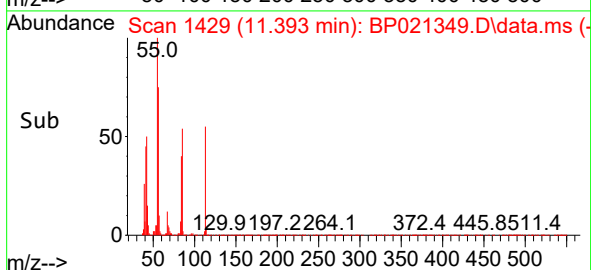
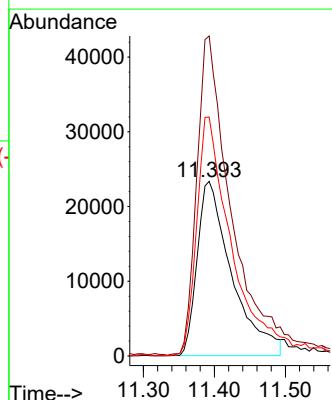
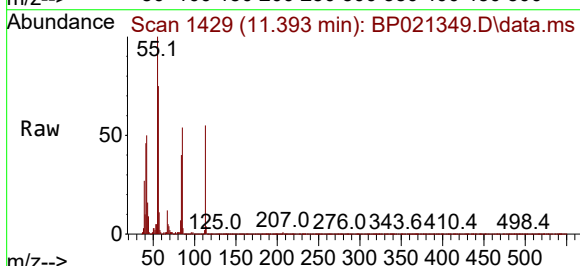
Tgt Ion:113 Resp: 79109

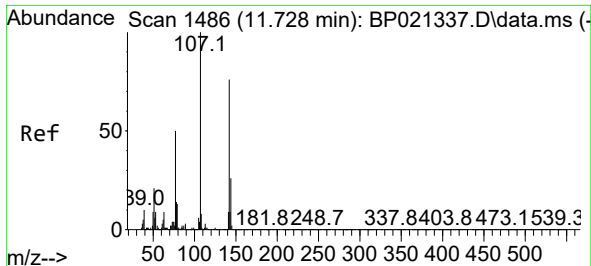
Ion Ratio Lower Upper

113 100

55 183.4 140.2 210.4

56 136.9 105.5 158.3

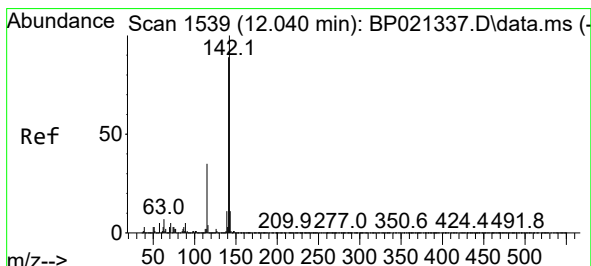
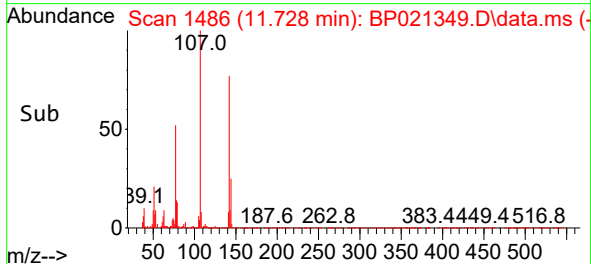
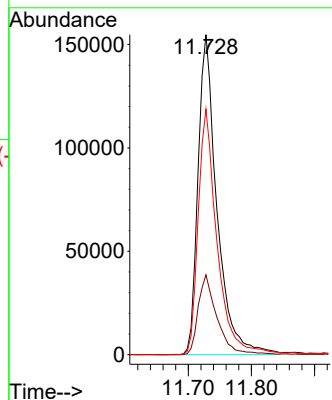
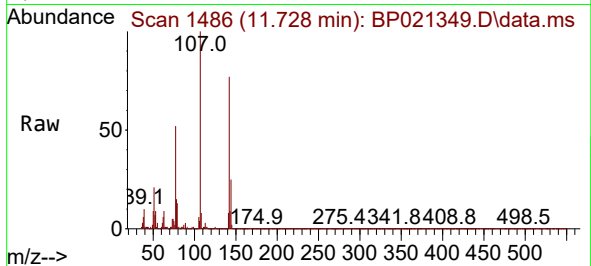




#35
4-Chloro-3-methylphenol
Concen: 22.849 ng/ul
RT: 11.728 min Scan# 1486
Delta R.T. -0.011 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

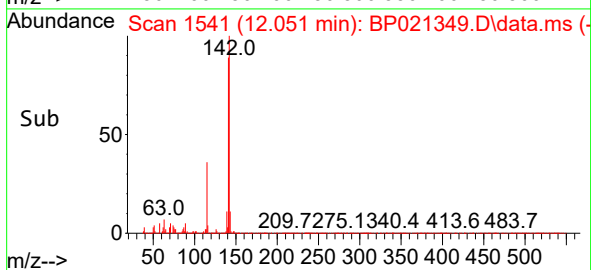
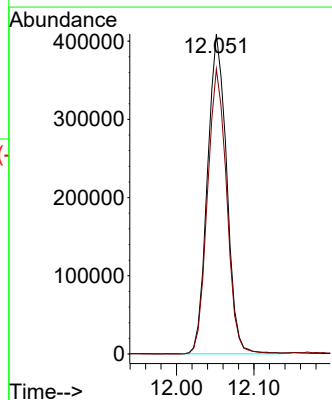
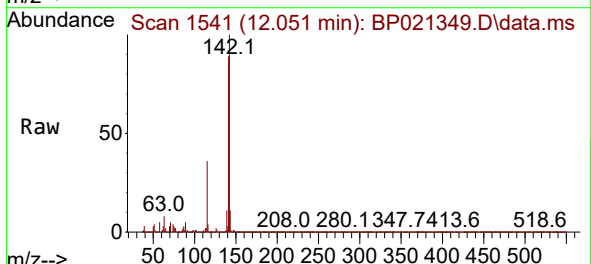
Instrument :
BNA_P
ClientSampleId :
SLCS169

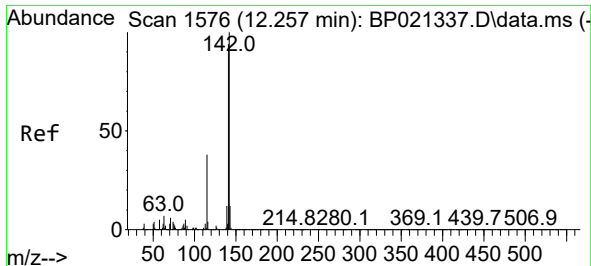
Tgt Ion:107 Resp: 321923
Ion Ratio Lower Upper
107 100
144 25.0 19.3 28.9
142 76.7 60.7 91.1



#36
2-Methylnaphthalene
Concen: 23.799 ng/ul
RT: 12.051 min Scan# 1541
Delta R.T. -0.017 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion:142 Resp: 703057
Ion Ratio Lower Upper
142 100
141 89.0 72.6 108.8





#37

1-Methylnaphthalene

Concen: 23.265 ng/ul

RT: 12.269 min Scan# 1

Delta R.T. -0.023 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Instrument :

BNA_P

ClientSampleId :

SLCS169

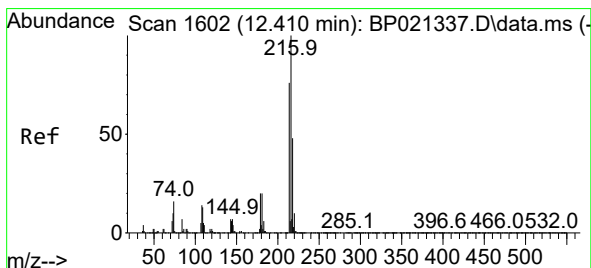
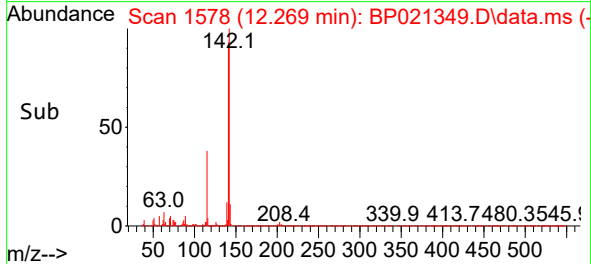
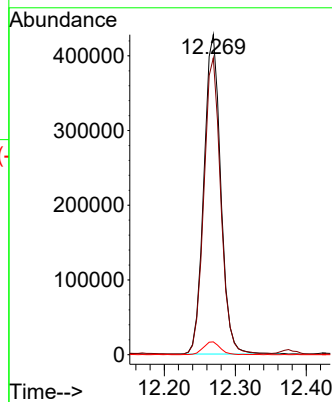
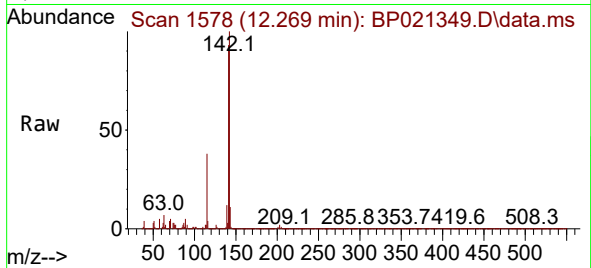
Tgt Ion:142 Resp: 706839

Ion Ratio Lower Upper

142 100

141 92.8 75.0 112.6

116 4.0 3.2 4.8



#39

1,2,4,5-Tetrachlorobenzene

Concen: 28.049 ng/ul

RT: 12.428 min Scan# 1605

Delta R.T. -0.011 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Tgt Ion:216 Resp: 408458

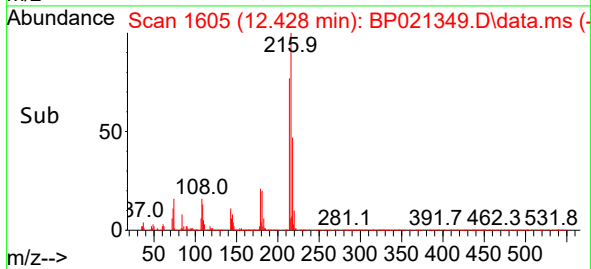
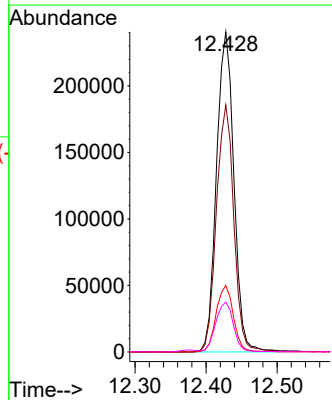
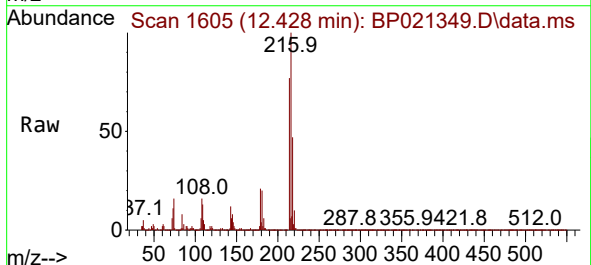
Ion Ratio Lower Upper

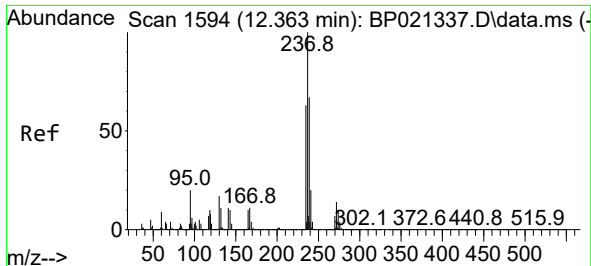
216 100

214 77.2 64.2 96.4

179 20.7 16.6 24.8

108 15.6 13.4 20.2

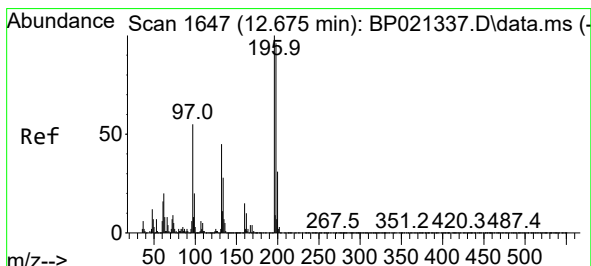
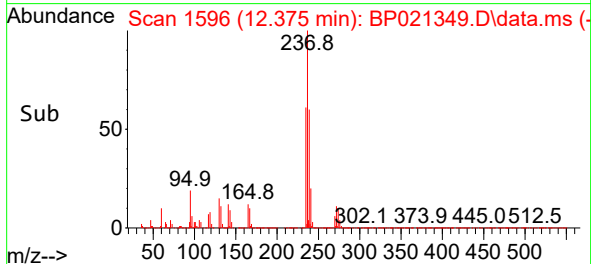
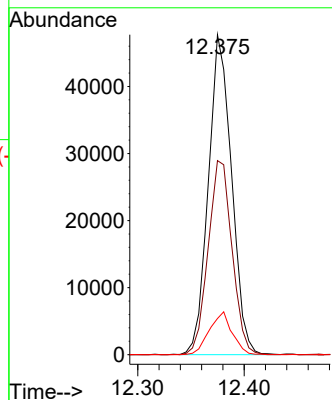
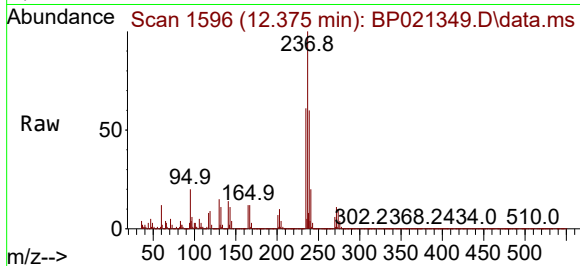




#40
Hexachlorocyclopentadiene
Concen: 9.486 ng/ul
RT: 12.375 min Scan# 11
Delta R.T. -0.023 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

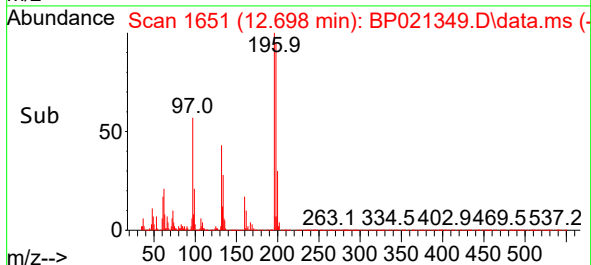
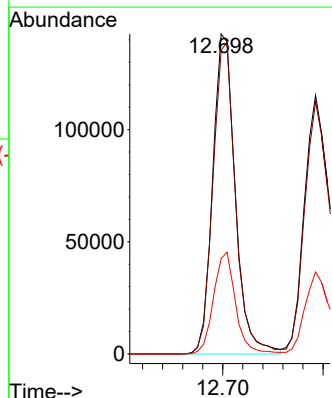
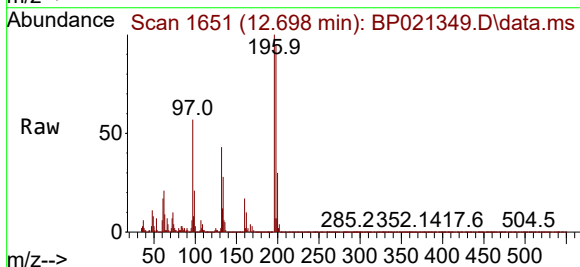
Instrument :
BNA_P
ClientSampleId :
SLCS169

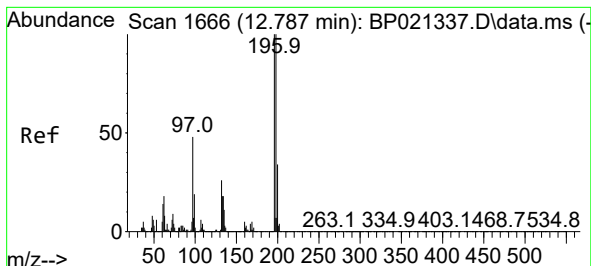
Tgt Ion:237 Resp: 72263
Ion Ratio Lower Upper
237 100
235 60.7 49.7 74.5
272 11.3 10.2 15.2



#41
2,4,6-Trichlorophenol
Concen: 24.235 ng/ul
RT: 12.698 min Scan# 1651
Delta R.T. -0.006 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion:196 Resp: 222999
Ion Ratio Lower Upper
196 100
198 94.8 76.6 115.0
200 29.8 26.0 39.0





#42

2,4,5-Trichlorophenol

Concen: 23.876 ng/ul

RT: 12.793 min Scan# 1

Delta R.T. -0.017 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Instrument :

BNA_P

ClientSampleId :

SLCS169

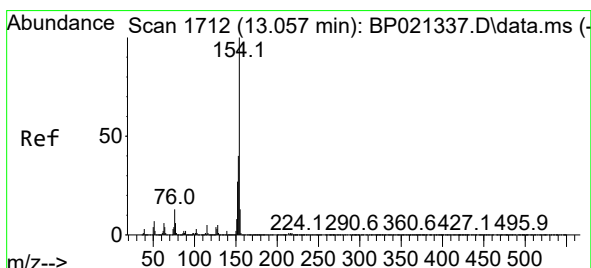
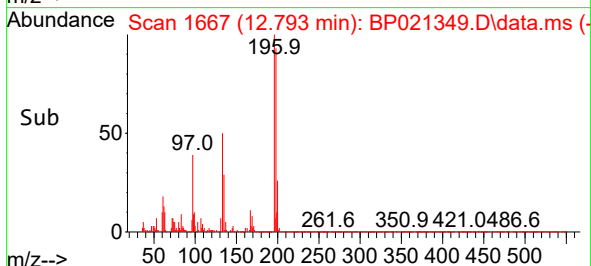
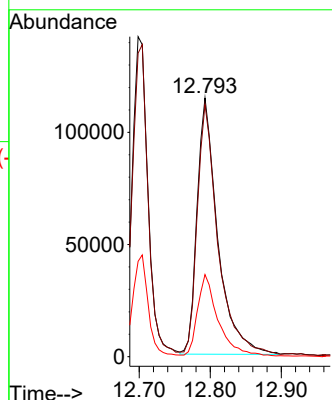
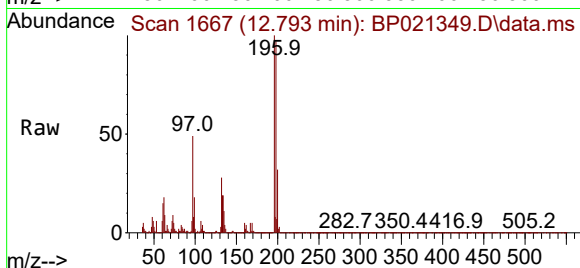
Tgt Ion:196 Resp: 232455

Ion Ratio Lower Upper

196 100

198 97.5 77.1 115.7

200 31.7 25.3 37.9



#43

1,1'-Biphenyl

Concen: 26.935 ng/ul

RT: 13.075 min Scan# 1715

Delta R.T. -0.011 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

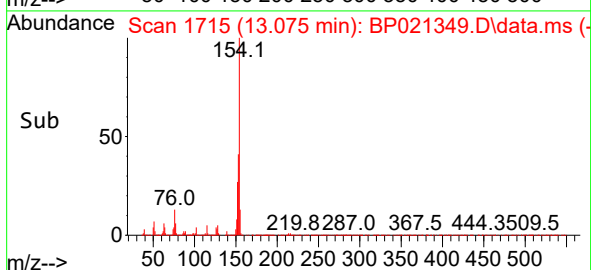
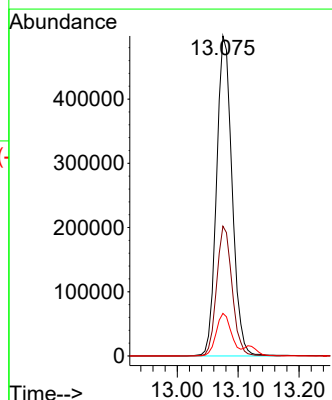
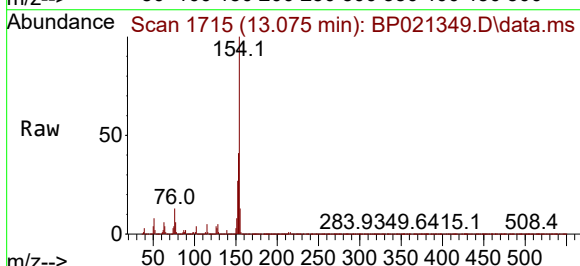
Tgt Ion:154 Resp: 882661

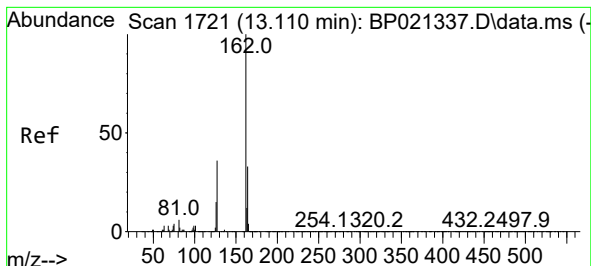
Ion Ratio Lower Upper

154 100

153 40.5 32.7 49.1

76 13.3 9.4 14.2





#44

2-Chloronaphthalene

Concen: 27.140 ng/ul

RT: 13.122 min Scan# 1721

Delta R.T. -0.017 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Instrument :

BNA_P

ClientSampleId :

SLCS169

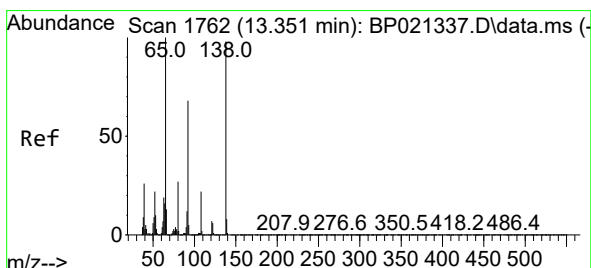
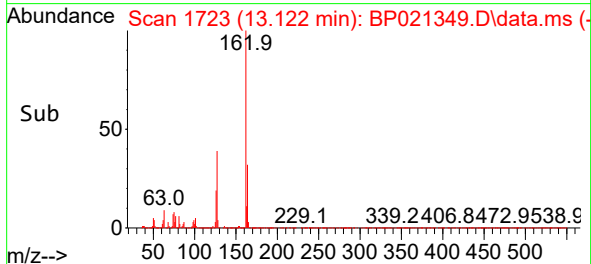
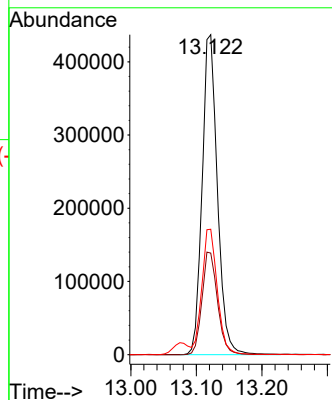
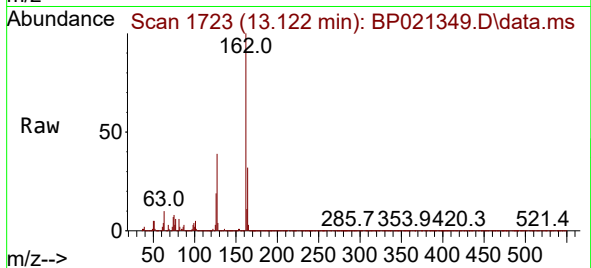
Tgt Ion:162 Resp: 710001

Ion Ratio Lower Upper

162 100

164 31.8 26.3 39.5

127 39.2 31.8 47.8



#45

2-Nitroaniline

Concen: 26.535 ng/ul

RT: 13.375 min Scan# 1766

Delta R.T. 0.006 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

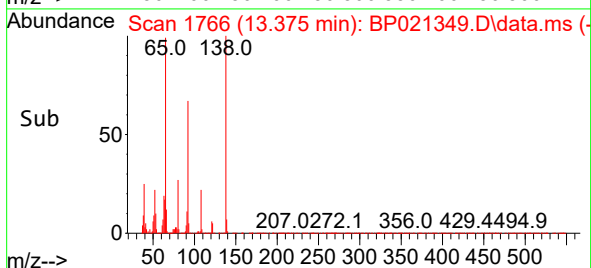
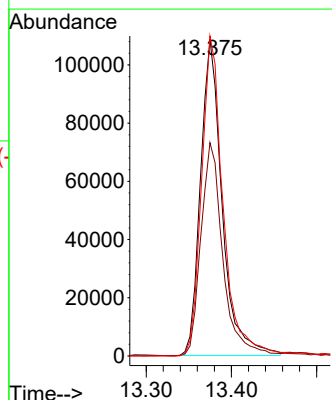
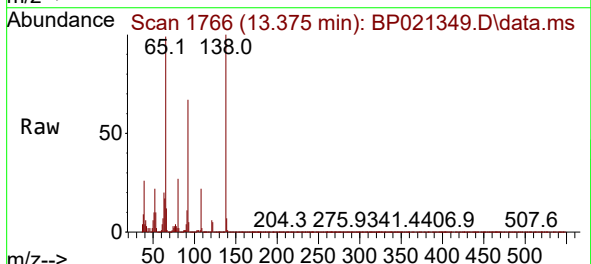
Tgt Ion: 65 Resp: 191974

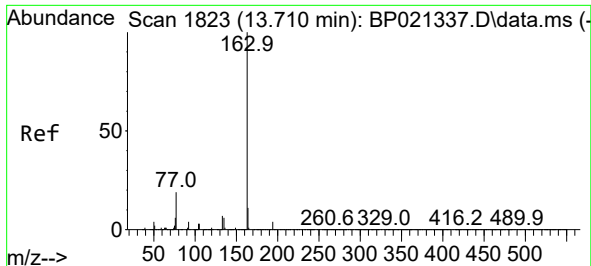
Ion Ratio Lower Upper

65 100

92 67.3 56.7 85.1

138 101.0 85.6 128.4

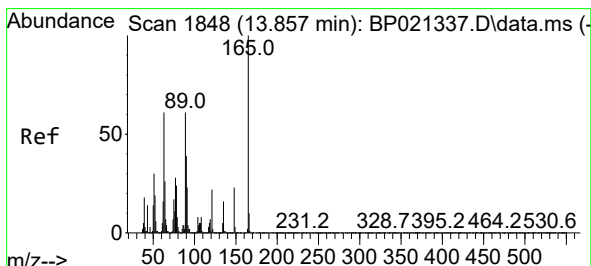
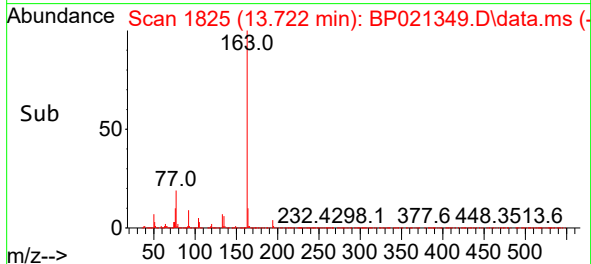
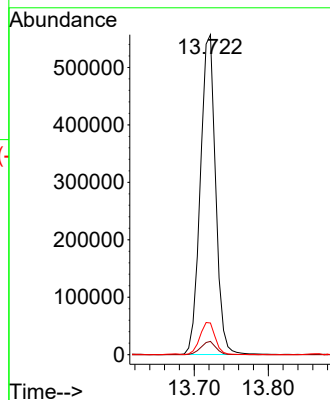
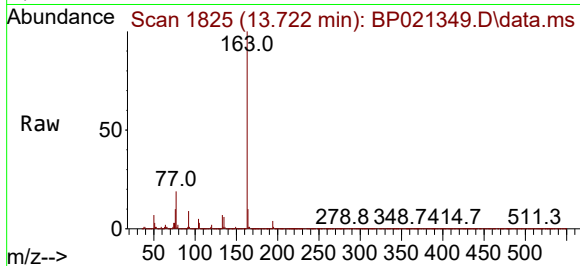




#47
Dimethylphthalate
Concen: 24.023 ng/ul
RT: 13.722 min Scan# 1825
Delta R.T. -0.011 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

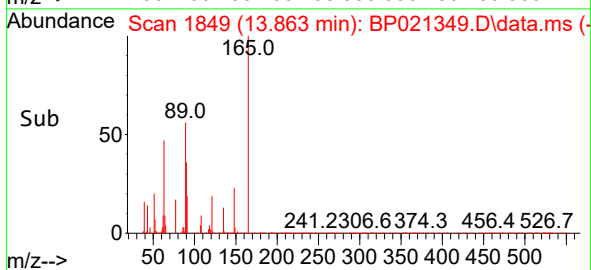
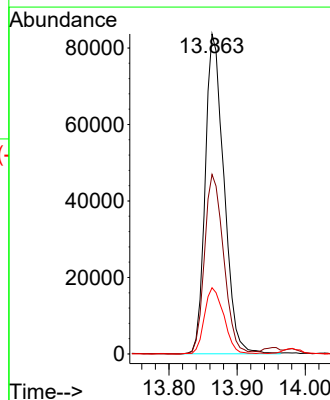
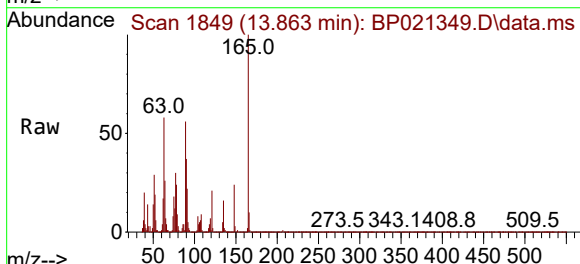
Instrument :
BNA_P
ClientSampleId :
SLCS169

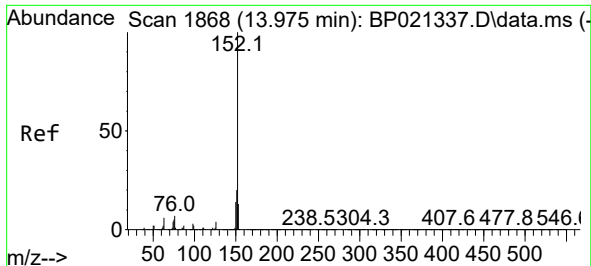
Tgt Ion:163 Resp: 794564
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.0
164 9.9 8.1 12.1



#48
2,6-Dinitrotoluene
Concen: 24.161 ng/ul
RT: 13.863 min Scan# 1849
Delta R.T. -0.011 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion:165 Resp: 159765
Ion Ratio Lower Upper
165 100
89 56.1 44.7 67.1
121 20.7 16.5 24.7

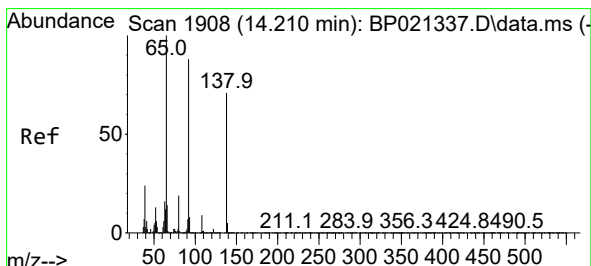
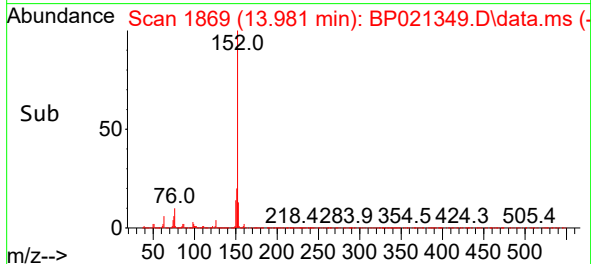
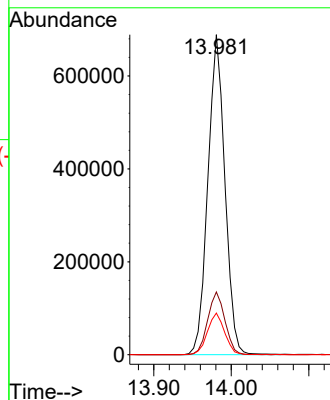
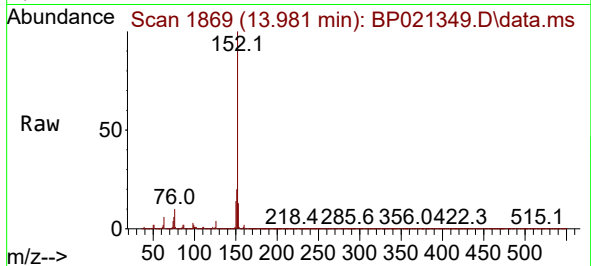




#50
Acenaphthylene
Concen: 25.340 ng/ul
RT: 13.981 min Scan# 1869
Delta R.T. -0.011 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

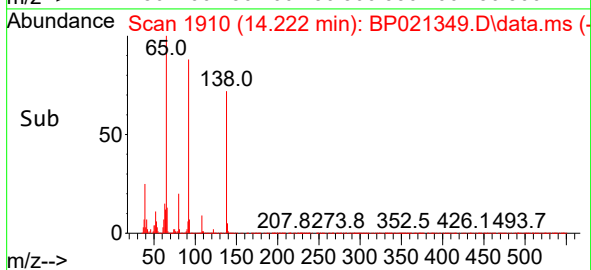
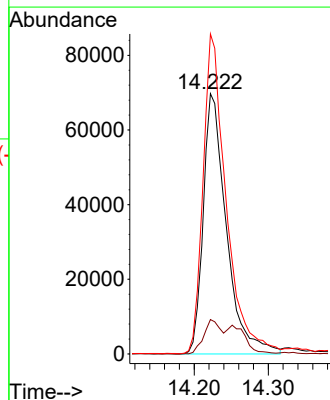
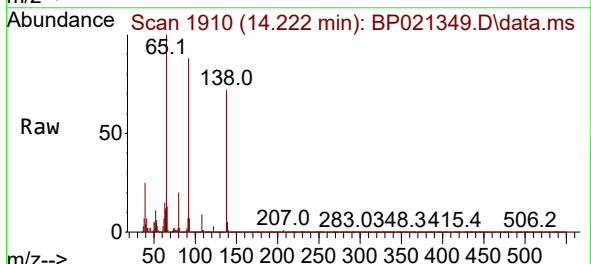
Instrument :
BNA_P
ClientSampleId :
SLCS169

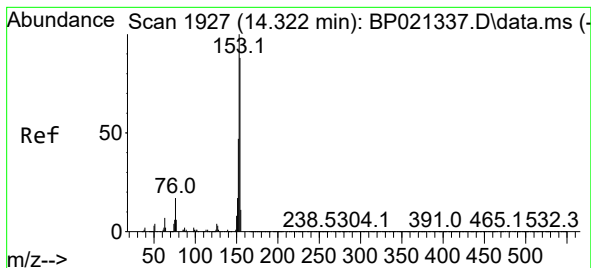
Tgt Ion:152 Resp: 1050119
Ion Ratio Lower Upper
152 100
151 19.6 16.2 24.2
153 13.0 10.3 15.5



#51
3-Nitroaniline
Concen: 26.348 ng/ul
RT: 14.222 min Scan# 1910
Delta R.T. 0.000 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion:138 Resp: 151616
Ion Ratio Lower Upper
138 100
108 13.2 9.8 14.8
92 122.9 98.0 147.0





#52

Acenaphthene

Concen: 25.419 ng/ul

RT: 14.328 min Scan# 1927

Delta R.T. -0.011 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Instrument :

BNA_P

ClientSampleId :

SLCS169

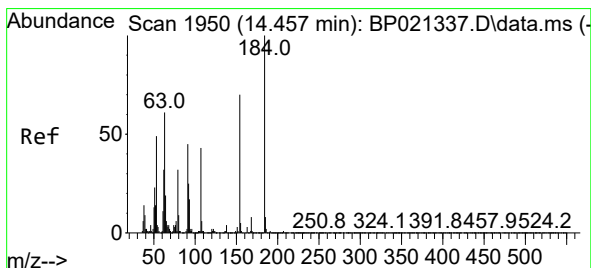
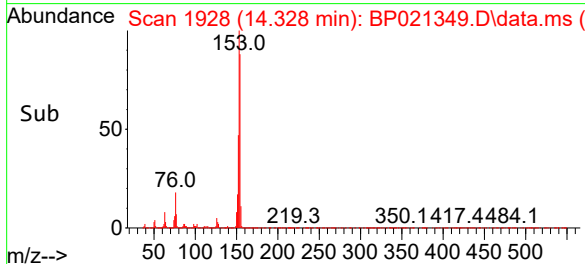
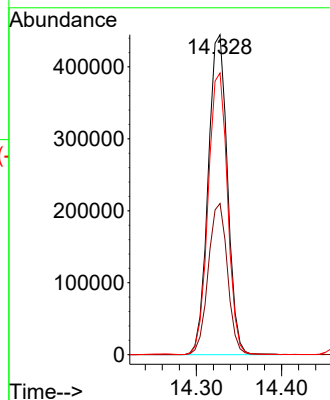
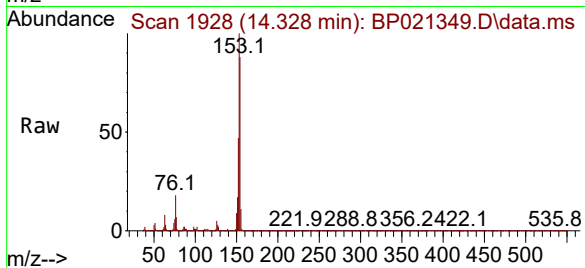
Tgt Ion:153 Resp: 699160

Ion Ratio Lower Upper

153 100

152 47.2 37.8 56.6

154 88.0 71.8 107.6



#53

2,4-Dinitrophenol

Concen: 20.364 ng/ul

RT: 14.469 min Scan# 1952

Delta R.T. 0.006 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

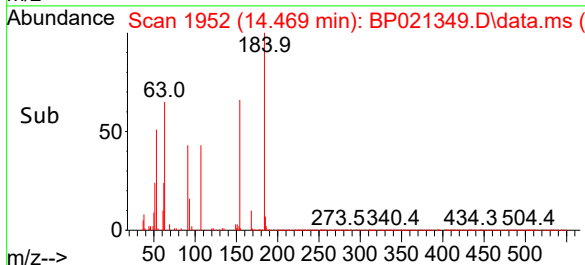
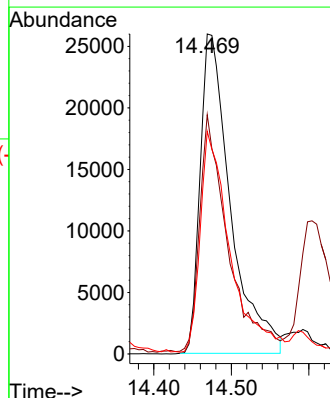
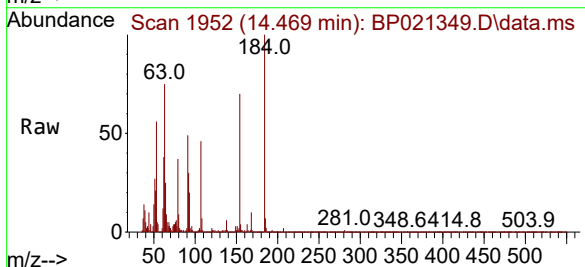
Tgt Ion:184 Resp: 70717

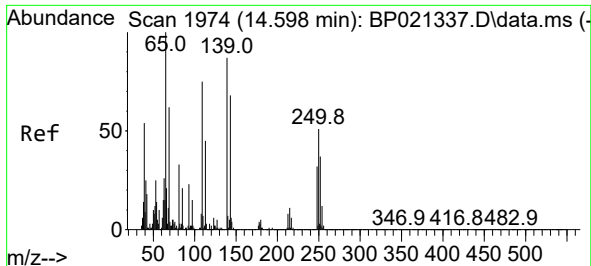
Ion Ratio Lower Upper

184 100

63 74.7 50.3 75.5

154 69.5 53.0 79.6

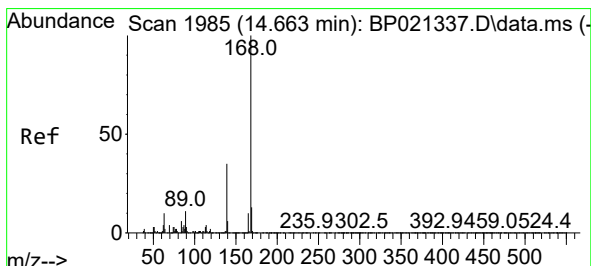
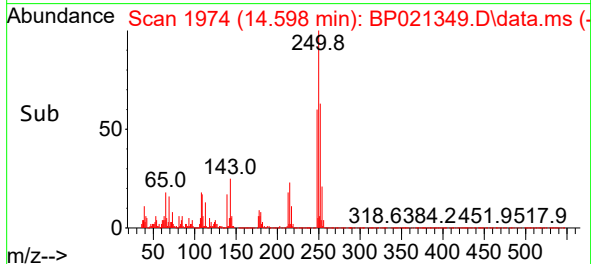
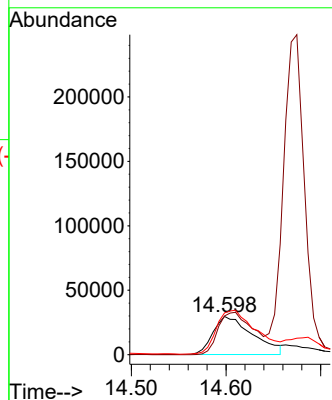
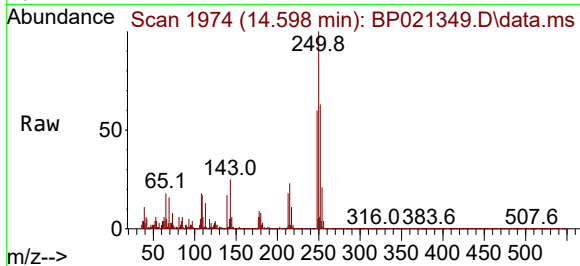




#55
4-Nitrophenol
Concen: 22.816 ng/ul
RT: 14.598 min Scan# 1974
Delta R.T. 0.006 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

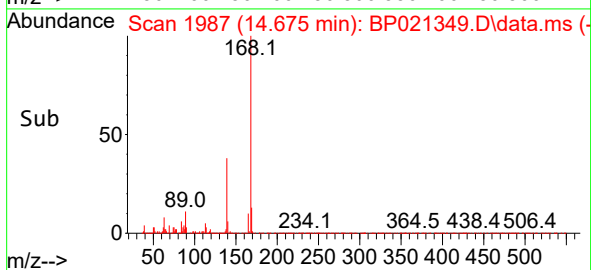
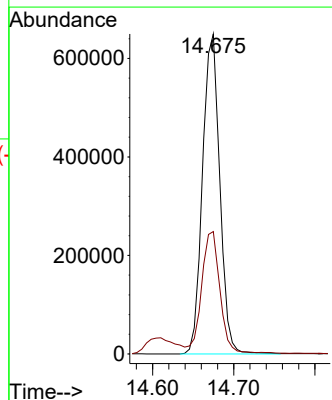
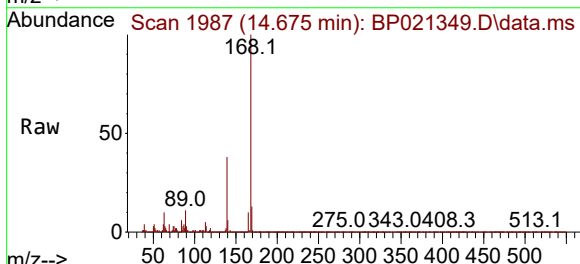
Instrument :
BNA_P
ClientSampleId :
SLCS169

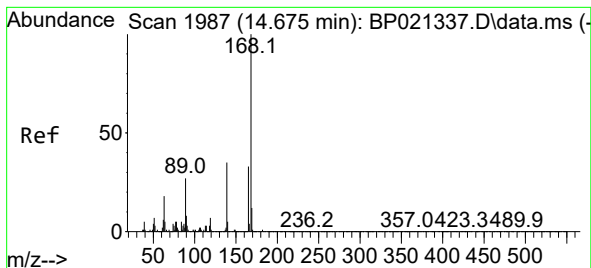
Tgt Ion:109 Resp: 86076
Ion Ratio Lower Upper
109 100
139 101.3 98.0 147.0
65 109.4 106.0 159.0



#56
Dibenzofuran
Concen: 25.436 ng/ul
RT: 14.675 min Scan# 1987
Delta R.T. -0.011 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion:168 Resp: 958059
Ion Ratio Lower Upper
168 100
139 38.2 31.1 46.7





#57

2,4-Dinitrotoluene

Concen: 24.247 ng/ul

RT: 14.687 min Scan# 1987

Delta R.T. -0.011 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Instrument :

BNA_P

ClientSampleId :

SLCS169

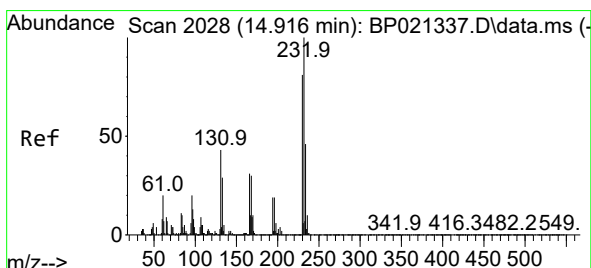
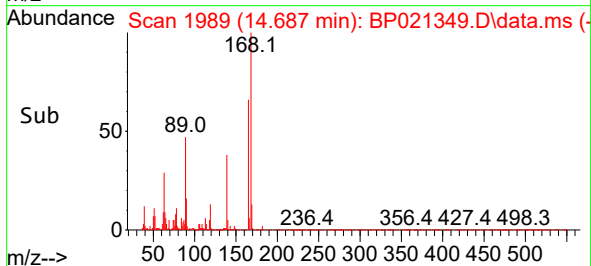
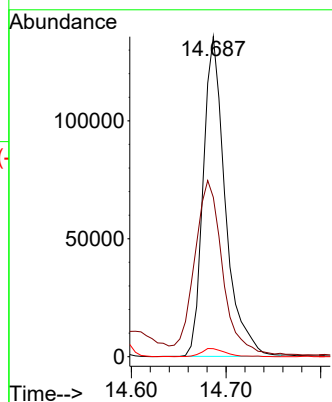
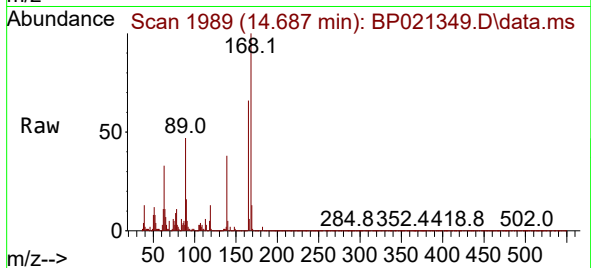
Tgt Ion:165 Resp: 220097

Ion Ratio Lower Upper

165 100

63 49.8 41.0 61.4

182 2.5 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 20.319 ng/ul

RT: 14.922 min Scan# 2029

Delta R.T. -0.011 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Tgt Ion:232 Resp: 169401

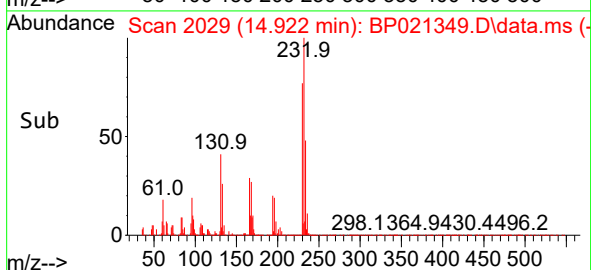
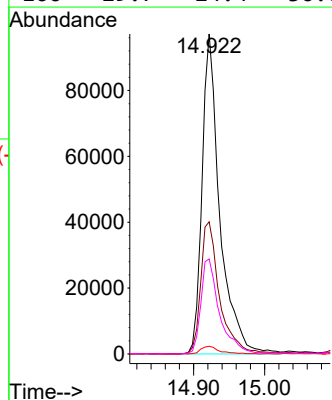
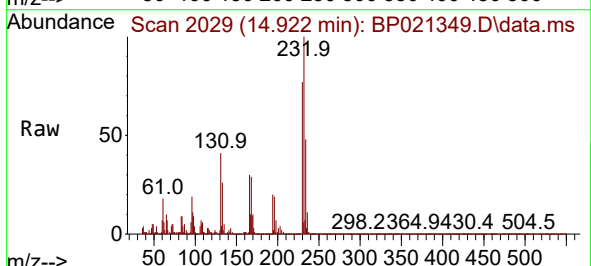
Ion Ratio Lower Upper

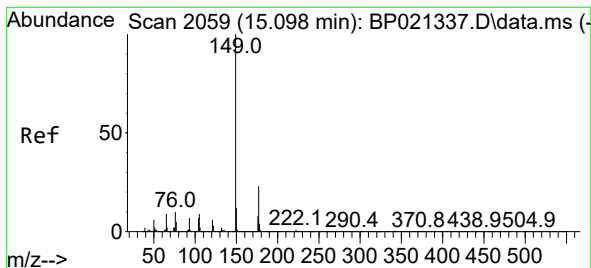
232 100

131 41.3 34.4 51.6

130 2.4 2.0 3.0

166 29.7 24.4 36.6





#59

Diethylphthalate

Concen: 23.036 ng/ul

RT: 15.098 min Scan# 2059

Delta R.T. -0.023 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Instrument :

BNA_P

ClientSampleId :

SLCS169

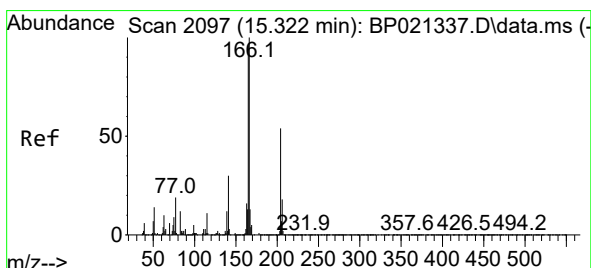
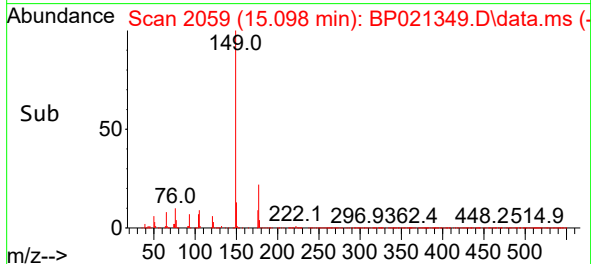
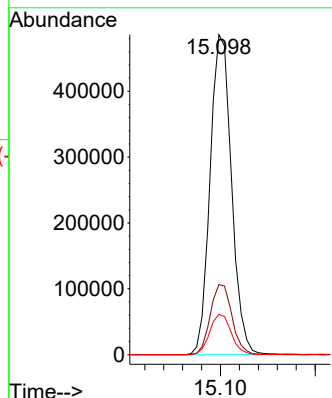
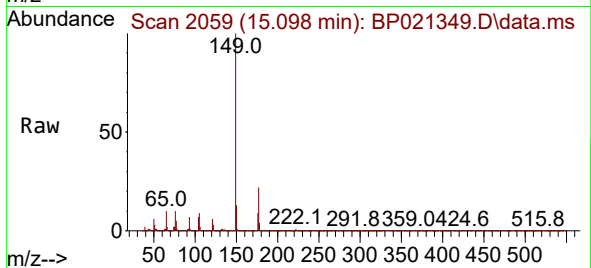
Tgt Ion:149 Resp: 761452

Ion Ratio Lower Upper

149 100

177 21.9 17.7 26.5

150 12.6 10.2 15.2



#61

Fluorene

Concen: 24.634 ng/ul

RT: 15.334 min Scan# 2099

Delta R.T. -0.011 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

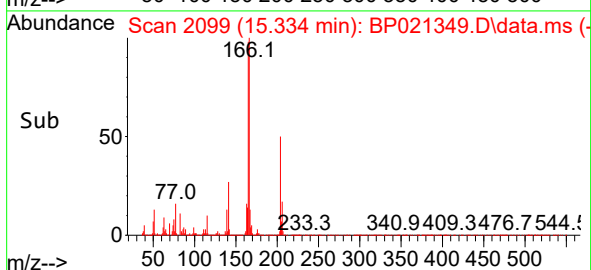
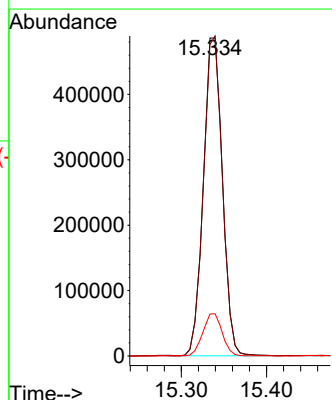
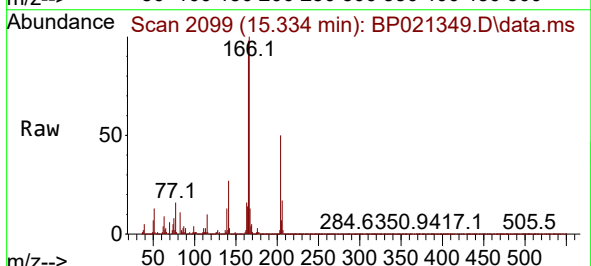
Tgt Ion:166 Resp: 757172

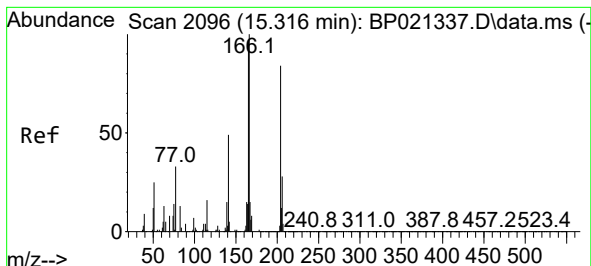
Ion Ratio Lower Upper

166 100

165 97.9 78.1 117.1

167 13.2 10.9 16.3

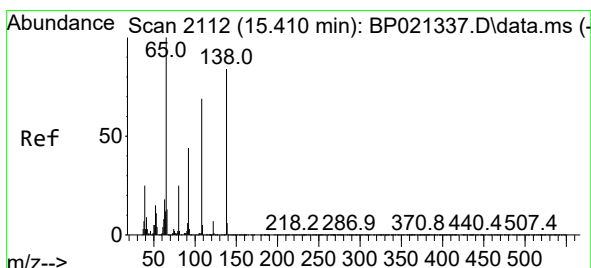
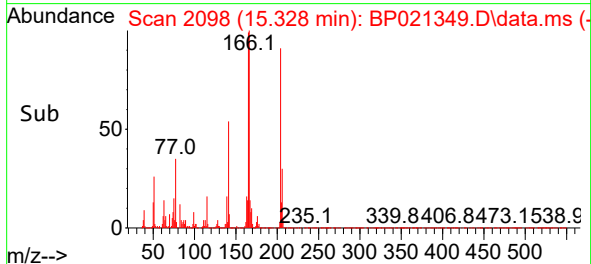
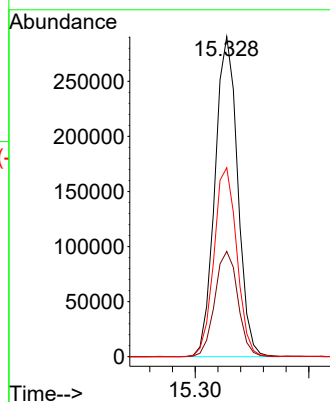
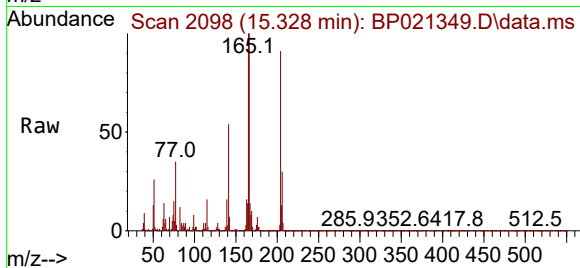




#62
4-Chlorophenyl-phenylether
Concen: 24.167 ng/ul
RT: 15.328 min Scan# 2098
Delta R.T. -0.006 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

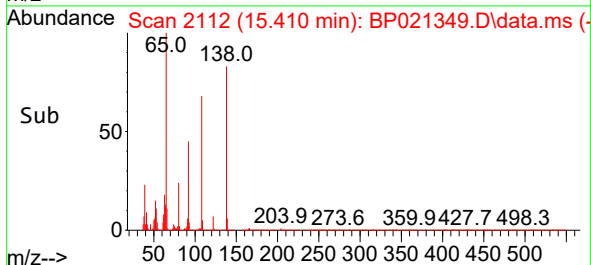
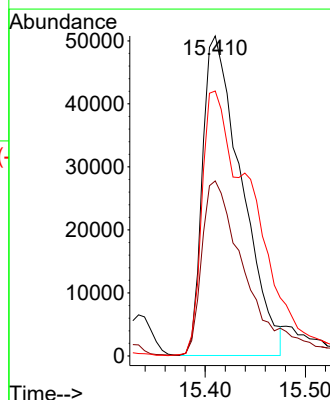
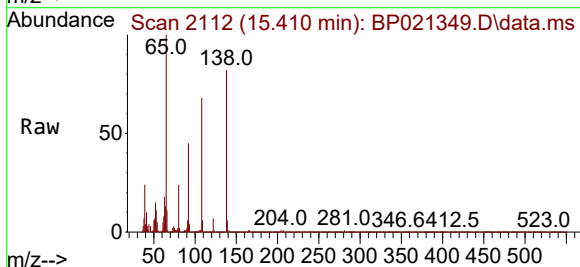
Instrument :
BNA_P
ClientSampleId :
SLCS169

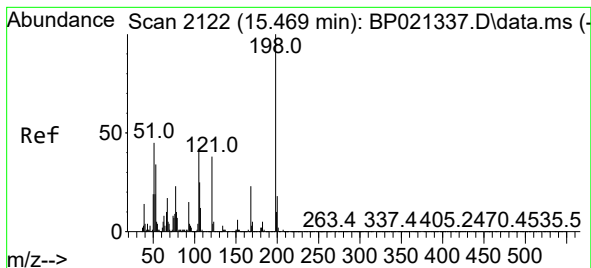
Tgt Ion:204 Resp: 403068
Ion Ratio Lower Upper
204 100
206 32.9 26.4 39.6
141 59.1 48.5 72.7



#63
4-Nitroaniline
Concen: 28.762 ng/ul
RT: 15.410 min Scan# 2112
Delta R.T. -0.017 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion:138 Resp: 137059
Ion Ratio Lower Upper
138 100
92 54.7 40.9 61.3
108 82.8 64.7 97.1

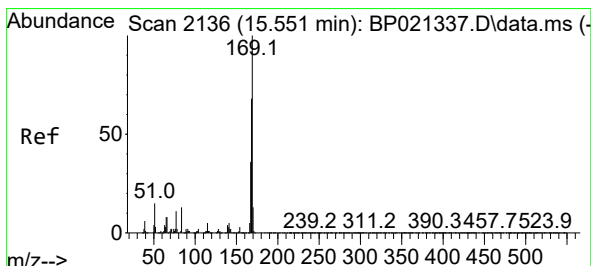
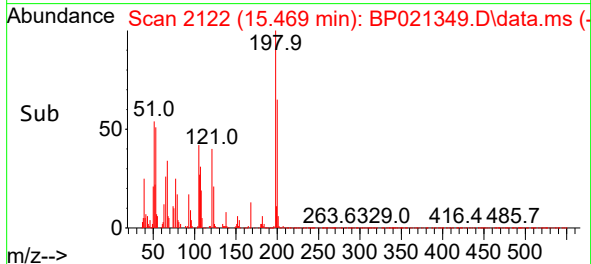
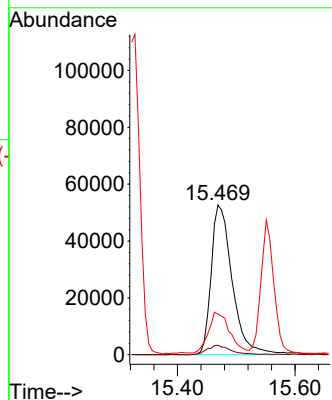
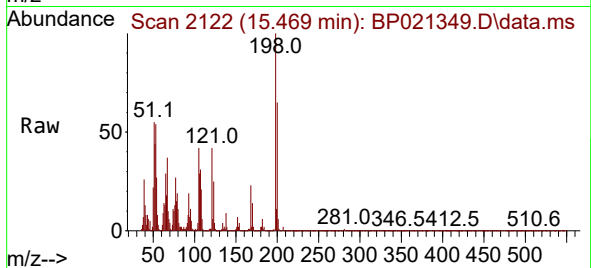




#66
4,6-Dinitro-2-methylphenol
Concen: 25.204 ng/ul
RT: 15.469 min Scan# 2122
Delta R.T. -0.011 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

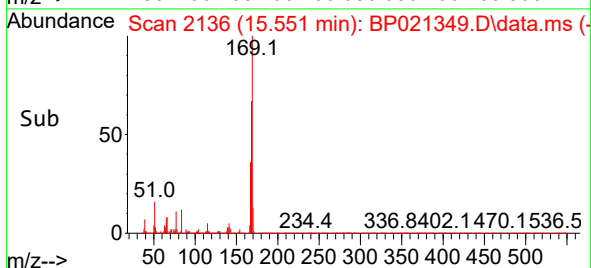
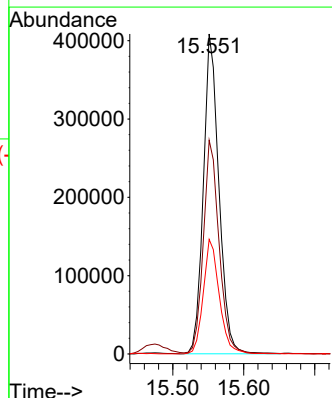
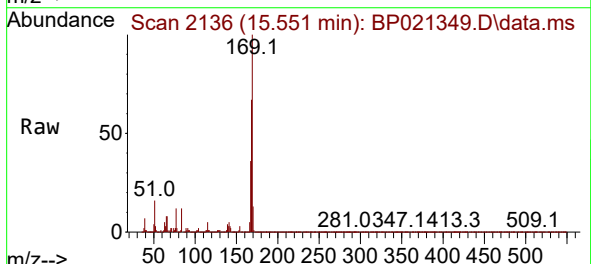
Instrument :
BNA_P
ClientSampleId :
SLCS169

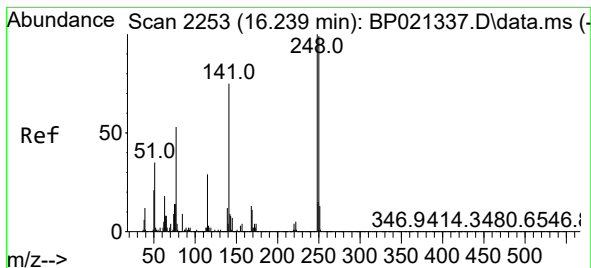
Tgt Ion:198 Resp: 130245
Ion Ratio Lower Upper
198 100
182 6.3 3.8 5.6#
77 27.2 20.0 30.0



#67
N-Nitrosodiphenylamine
Concen: 26.545 ng/ul
RT: 15.551 min Scan# 2136
Delta R.T. -0.017 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion:169 Resp: 622552
Ion Ratio Lower Upper
169 100
168 66.8 53.4 80.2
167 35.8 28.4 42.6

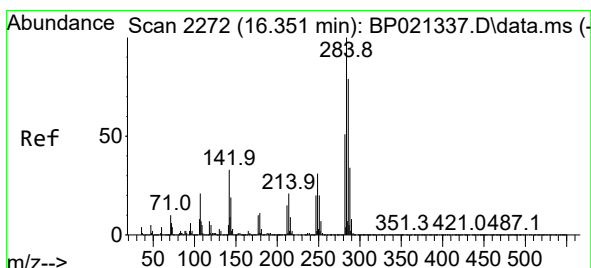
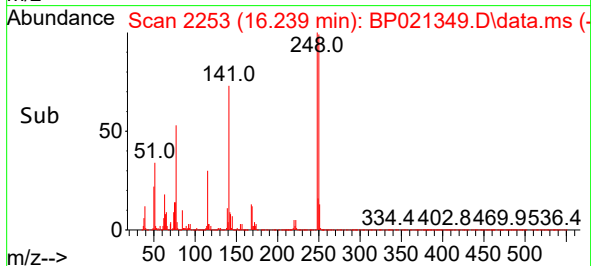
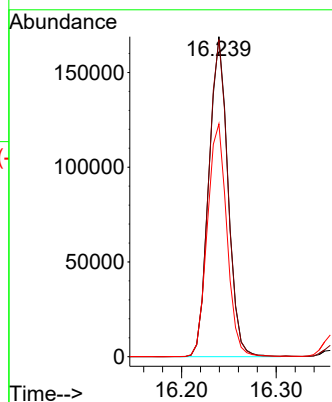
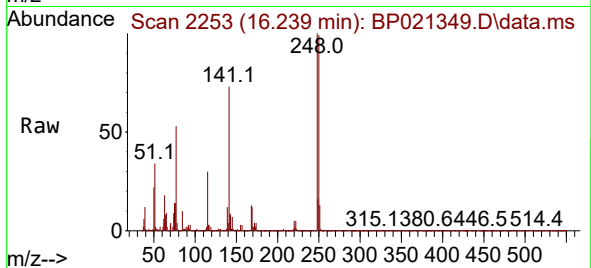




#68
4-Bromophenyl-phenylether
Concen: 25.042 ng/ul
RT: 16.239 min Scan# 21
Delta R.T. -0.023 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

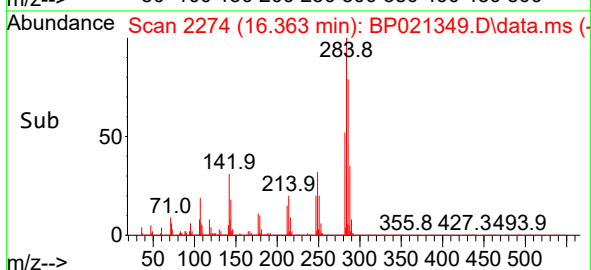
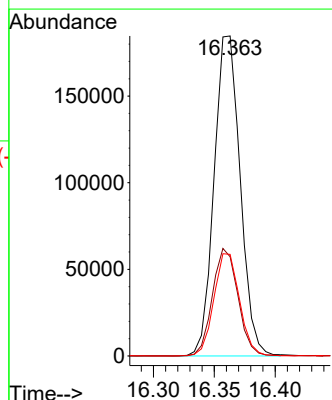
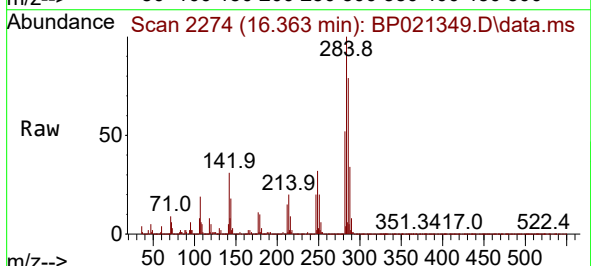
Instrument :
BNA_P
ClientSampleId :
SLCS169

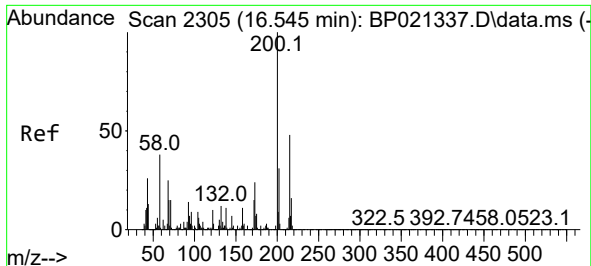
Tgt Ion:248 Resp: 236398
Ion Ratio Lower Upper
248 100
250 99.1 79.3 118.9
141 72.7 57.4 86.0



#69
Hexachlorobenzene
Concen: 25.455 ng/ul
RT: 16.363 min Scan# 2274
Delta R.T. -0.011 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion:284 Resp: 275525
Ion Ratio Lower Upper
284 100
142 31.0 25.8 38.8
249 31.7 25.1 37.7

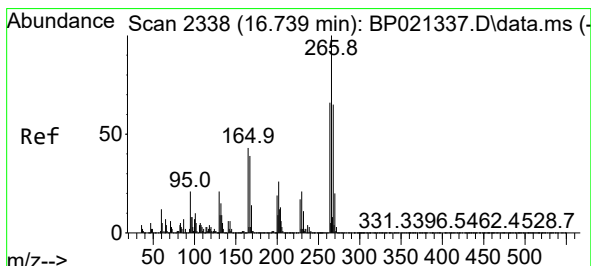
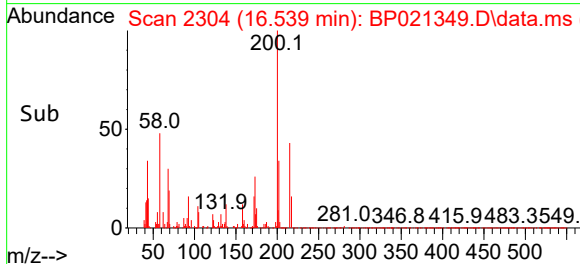
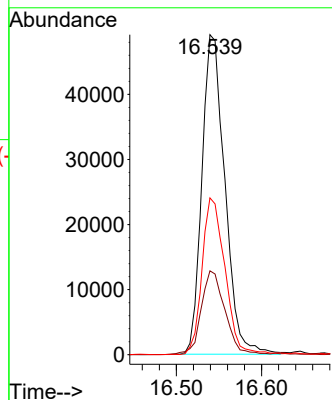
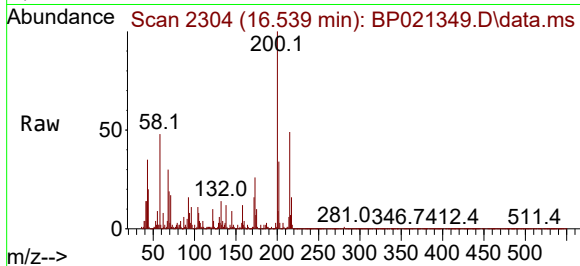




#70
Atrazine
Concen: 10.760 ng/ul
RT: 16.539 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

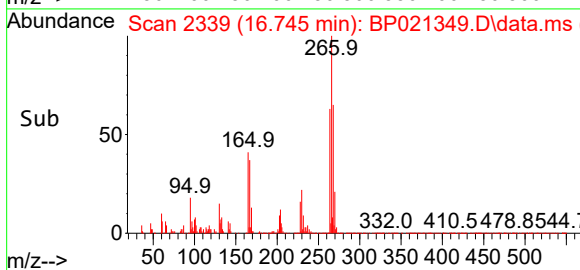
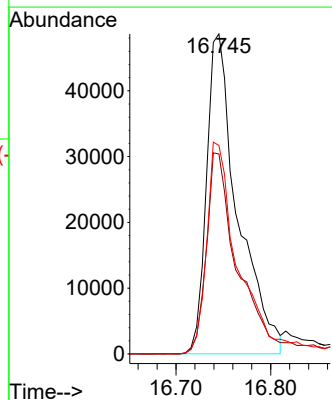
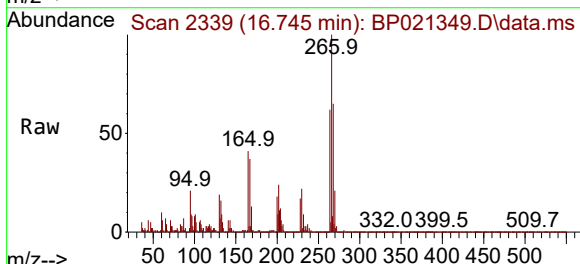
Instrument :
BNA_P
ClientSampleId :
SLCS169

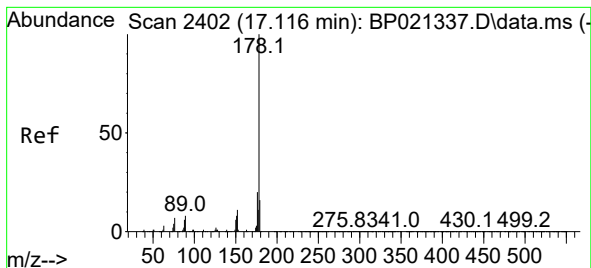
Tgt Ion:	200	Resp:	91971
Ion Ratio	Lower	Upper	
200	100		
173	26.2	20.8	31.2
215	49.0	38.7	58.1



#71
Pentachlorophenol
Concen: 18.880 ng/ul
RT: 16.745 min Scan# 2339
Delta R.T. -0.006 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion:	266	Resp:	110989
Ion Ratio	Lower	Upper	
266	100		
264	62.5	52.3	78.5
268	65.1	52.3	78.5





#72

Phenanthrene

Concen: 26.462 ng/ul

RT: 17.128 min Scan# 2404

Delta R.T. -0.006 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Instrument :

BNA_P

ClientSampleId :

SLCS169

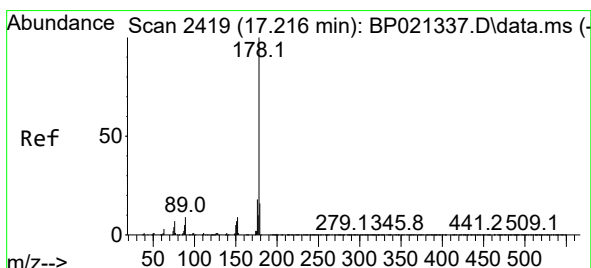
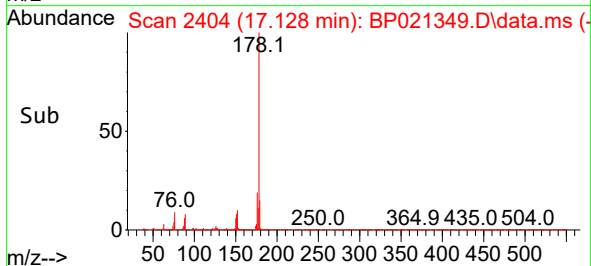
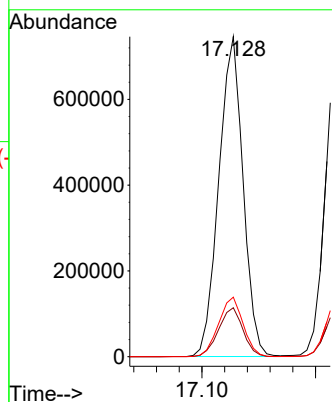
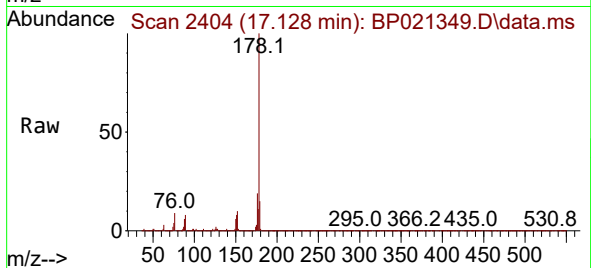
Tgt Ion:178 Resp: 1105584

Ion Ratio Lower Upper

178 100

179 15.3 12.2 18.4

176 18.6 15.0 22.4



#74

Anthracene

Concen: 25.827 ng/ul

RT: 17.216 min Scan# 2419

Delta R.T. -0.017 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

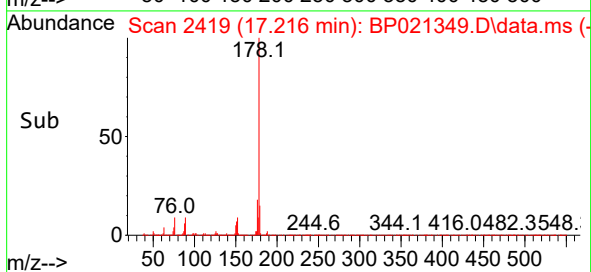
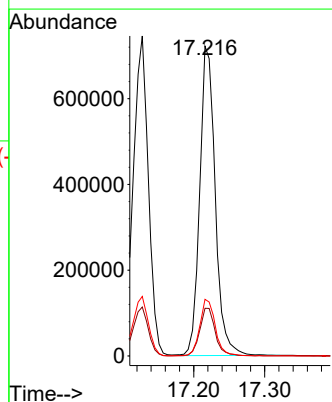
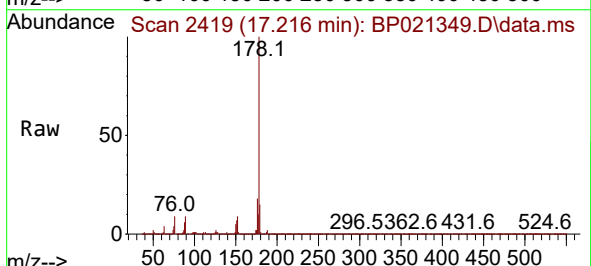
Tgt Ion:178 Resp: 1100042

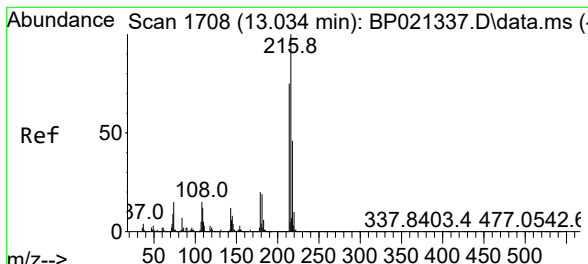
Ion Ratio Lower Upper

178 100

179 15.4 12.5 18.7

176 18.3 14.8 22.2



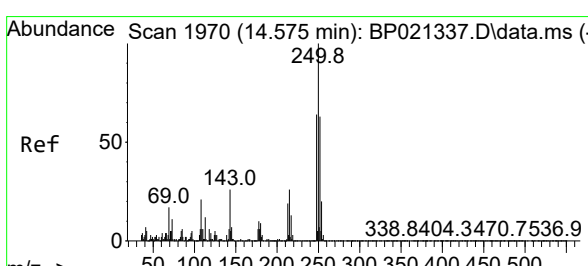
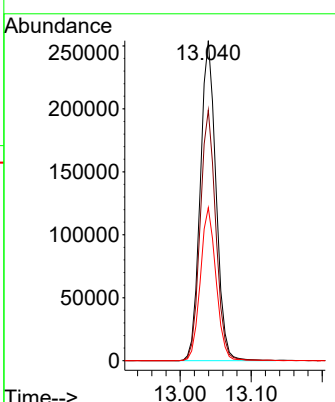
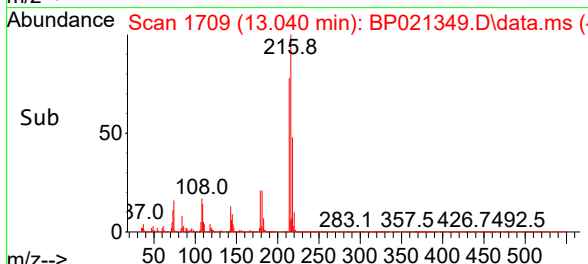
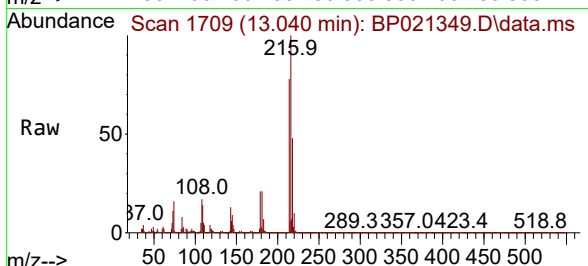


#75
 1,2,3,4-Tetrachlorobenzene
 Concen: 30.402 ng/uL
 RT: 13.040 min Scan# 11
 Delta R.T. -0.017 min
 Lab File: BP021349.D
 Acq: 03 Aug 2024 18:25

Instrument :
 BNA_P
 ClientSampleId :
 SLCS169

Tgt Ion:216 Resp: 391893

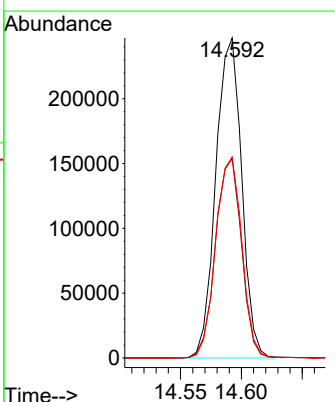
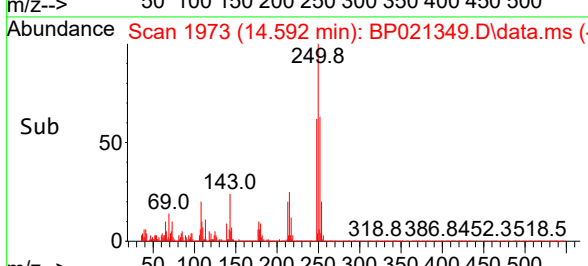
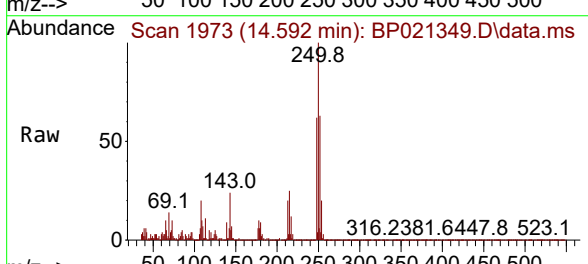
Ion	Ratio	Lower	Upper
216	100		
214	78.3	63.2	94.8
218	47.8	38.2	57.4

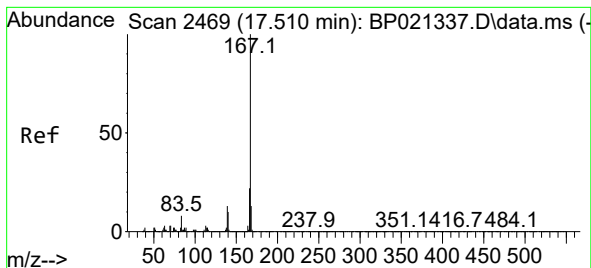


#76
 Pentachlorobenzene
 Concen: 28.478 ng/uL
 RT: 14.592 min Scan# 1973
 Delta R.T. 0.000 min
 Lab File: BP021349.D
 Acq: 03 Aug 2024 18:25

Tgt Ion:250 Resp: 364774

Ion	Ratio	Lower	Upper
250	100		
248	62.2	50.8	76.2
252	62.8	51.6	77.4





#77

Carbazole

Concen: 29.279 ng/ul

RT: 17.528 min Scan# 2469

Delta R.T. 0.006 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Instrument :

BNA_P

ClientSampleId :

SLCS169

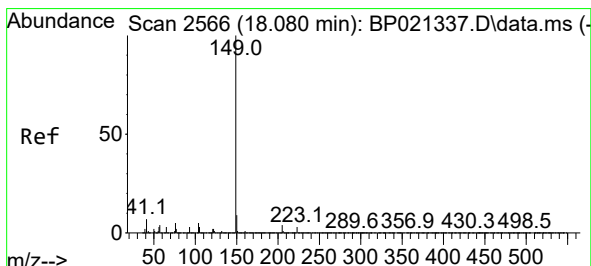
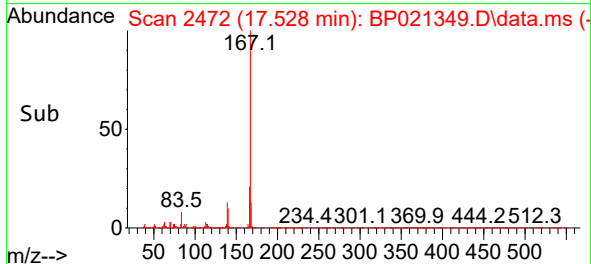
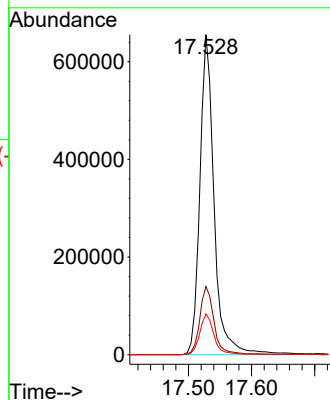
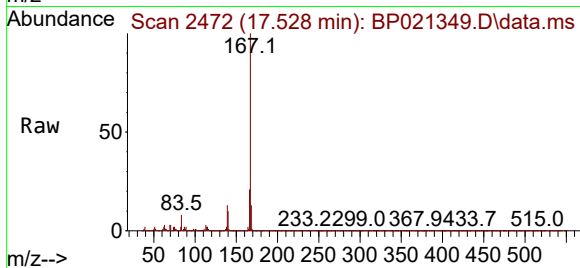
Tgt Ion:167 Resp: 1019458

Ion Ratio Lower Upper

167 100

166 21.3 17.3 25.9

139 12.7 10.2 15.2



#78

Di-n-butylphthalate

Concen: 24.684 ng/ul

RT: 18.075 min Scan# 2565

Delta R.T. -0.023 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

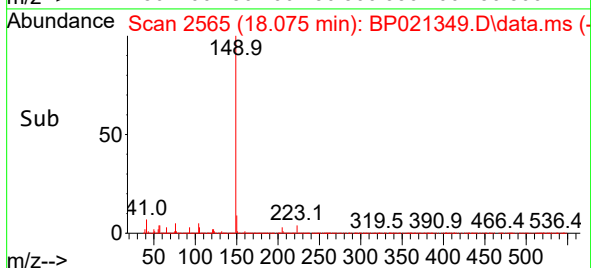
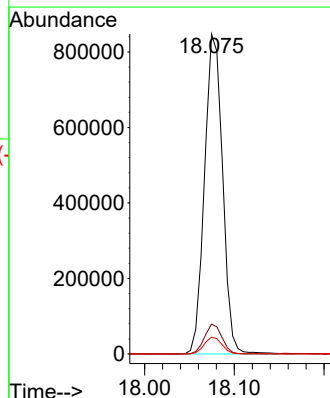
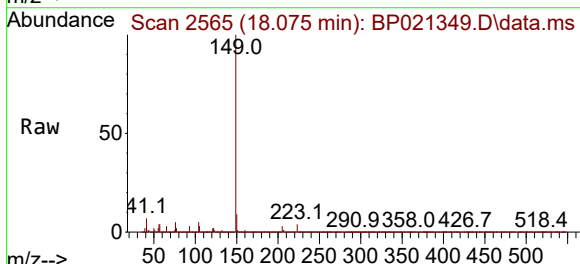
Tgt Ion:149 Resp: 1185747

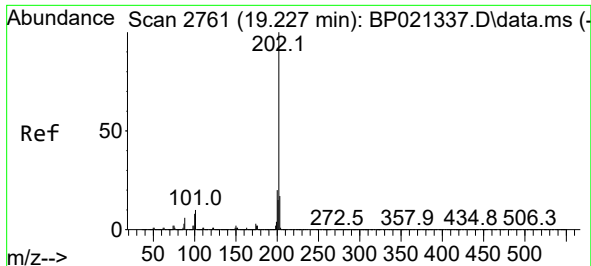
Ion Ratio Lower Upper

149 100

150 9.3 7.4 11.0

104 5.3 3.9 5.9

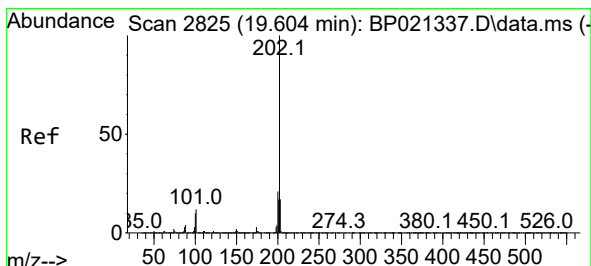
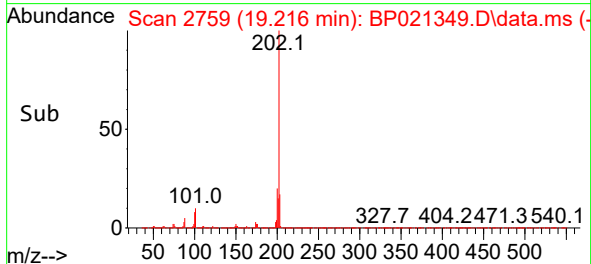
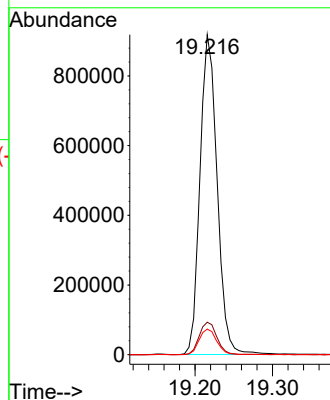
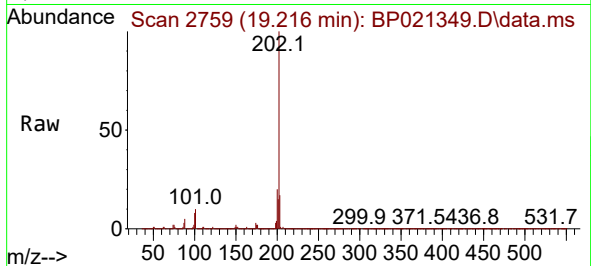




#80
Fluoranthene
Concen: 19.779 ng/ul
RT: 19.216 min Scan# 21
Delta R.T. -0.017 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

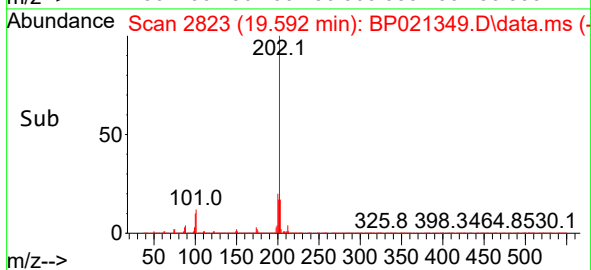
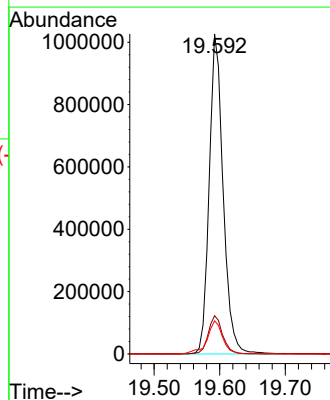
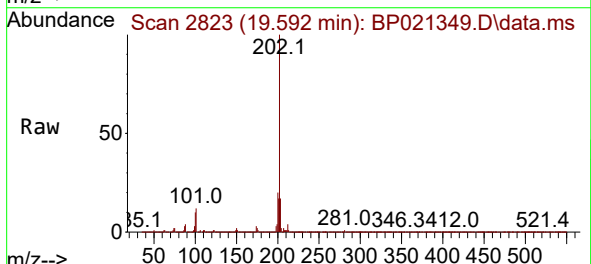
Instrument :
BNA_P
ClientSampleId :
SLCS169

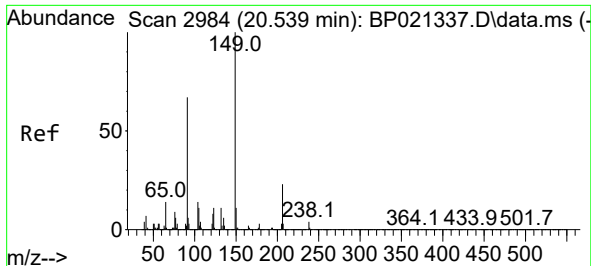
Tgt Ion:202 Resp: 1414378
Ion Ratio Lower Upper
202 100
101 10.1 8.0 12.0
100 8.0 6.1 9.1



#82
Pyrene
Concen: 20.834 ng/ul
RT: 19.592 min Scan# 2823
Delta R.T. -0.017 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion:202 Resp: 1516040
Ion Ratio Lower Upper
202 100
101 12.0 9.4 14.2
100 10.4 7.8 11.6

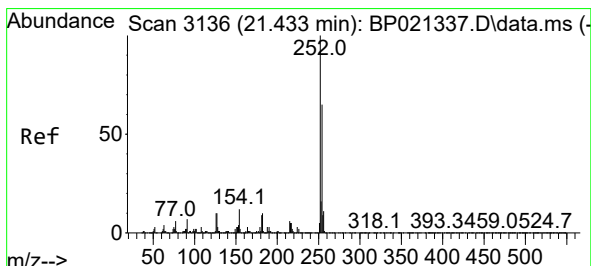
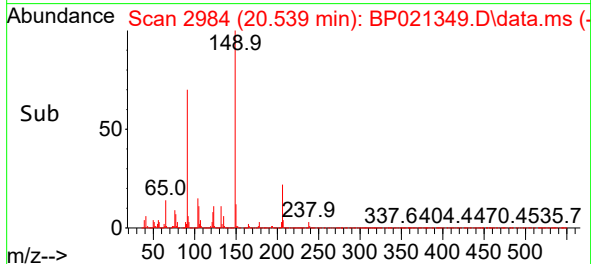
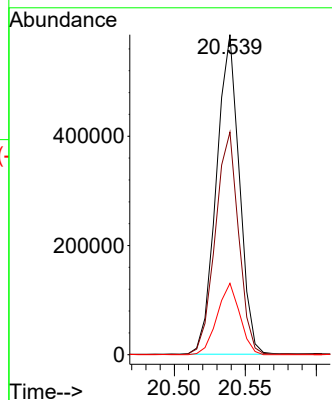
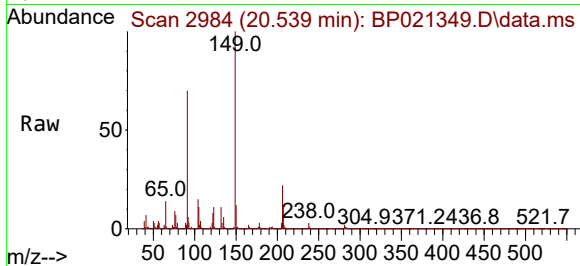




#83
Butylbenzylphthalate
Concen: 21.700 ng/ul
RT: 20.539 min Scan# 2984
Delta R.T. -0.011 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

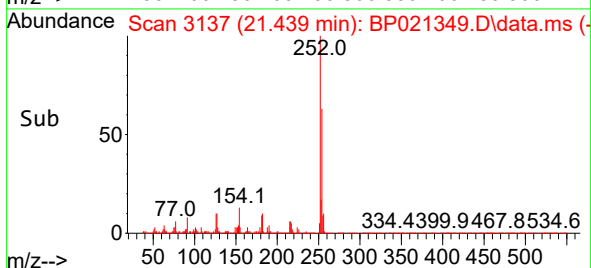
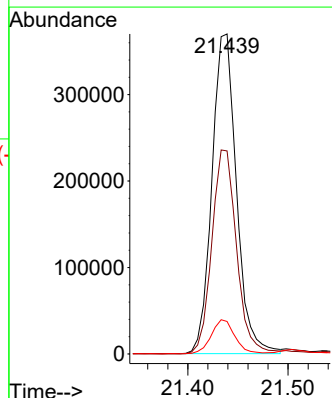
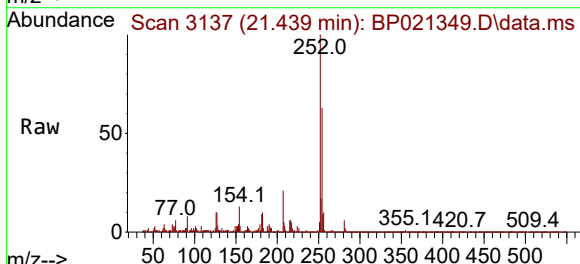
Instrument :
BNA_P
ClientSampleId :
SLCS169

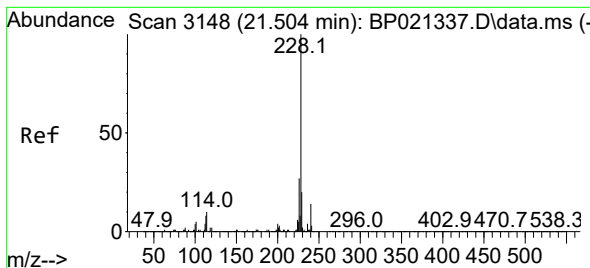
Tgt Ion:149 Resp: 657898
Ion Ratio Lower Upper
149 100
91 69.5 54.1 81.1
206 22.3 17.0 25.6



#84
3,3'-Dichlorobenzidine
Concen: 28.720 ng/ul
RT: 21.439 min Scan# 3137
Delta R.T. 0.000 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion:252 Resp: 628559
Ion Ratio Lower Upper
252 100
254 63.5 51.5 77.3
126 10.1 8.0 12.0





#85

Benzo(a)anthracene

Concen: 26.635 ng/ul

RT: 21.504 min Scan# 3148

Delta R.T. -0.006 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Instrument :

BNA_P

ClientSampleId :

SLCS169

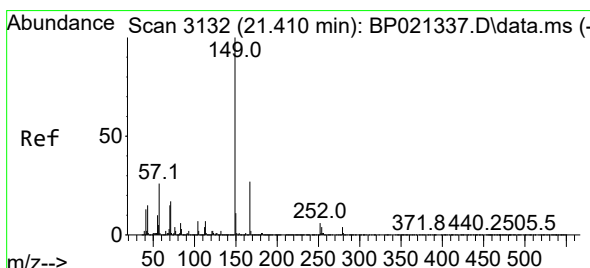
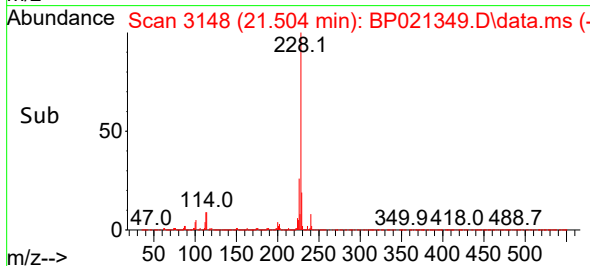
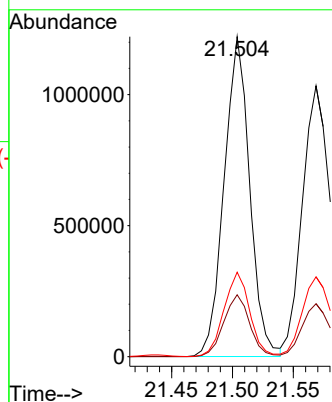
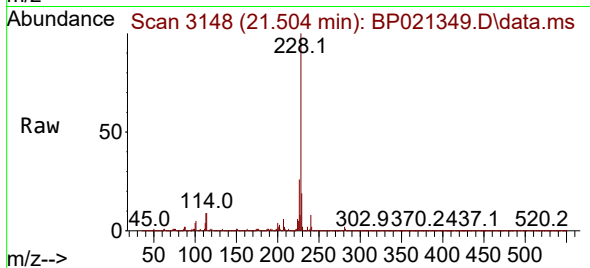
Tgt Ion:228 Resp: 1787026

Ion Ratio Lower Upper

228 100

229 19.3 15.5 23.3

226 26.4 21.4 32.2



#86

Bis(2-ethylhexyl)phthalate

Concen: 22.725 ng/ul

RT: 21.410 min Scan# 3132

Delta R.T. -0.011 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

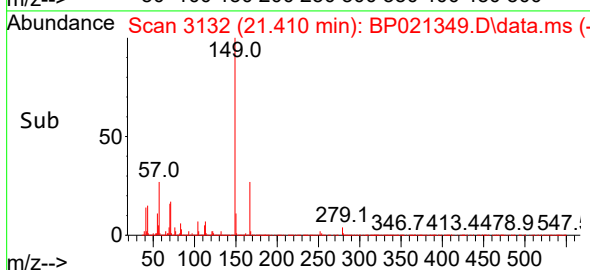
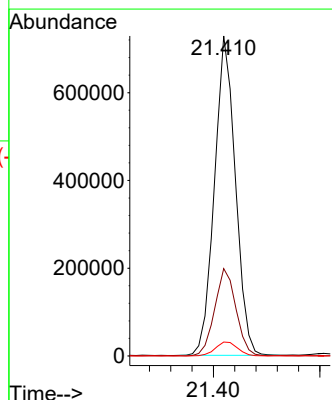
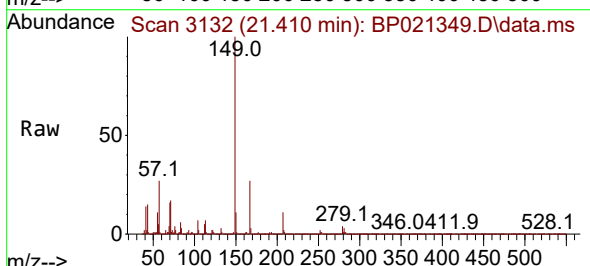
Tgt Ion:149 Resp: 991525

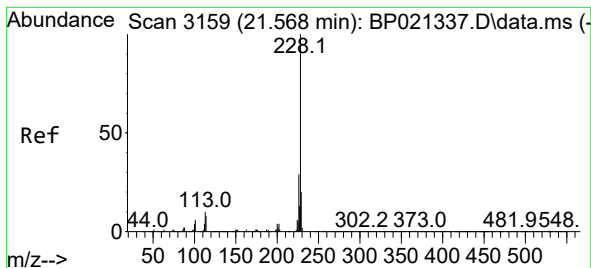
Ion Ratio Lower Upper

149 100

167 27.3 22.1 33.1

279 4.4 3.7 5.5





#87

Chrysene

Concen: 27.026 ng/ul

RT: 21.569 min Scan# 3159

Delta R.T. -0.017 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Instrument :

BNA_P

ClientSampleId :

SLCS169

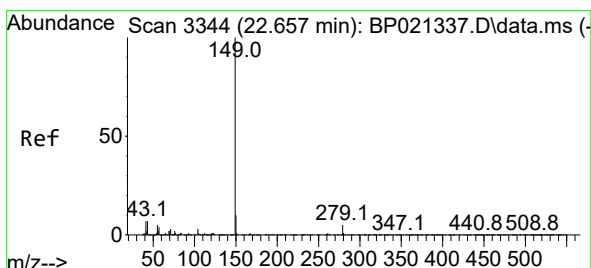
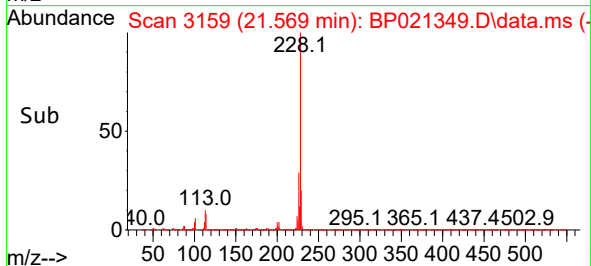
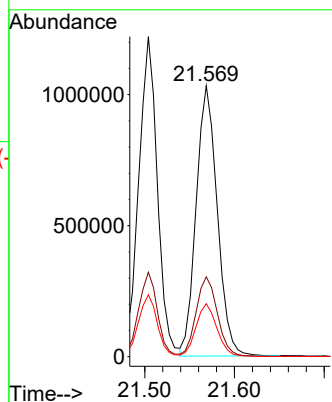
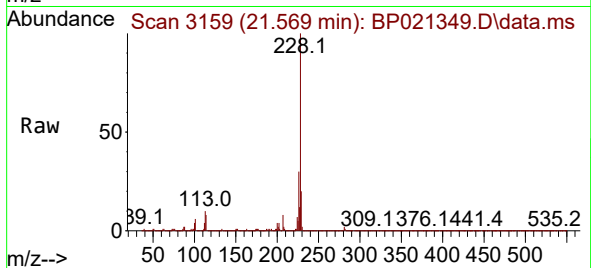
Tgt Ion:228 Resp: 1684899

Ion Ratio Lower Upper

228 100

226 29.5 23.6 35.4

229 19.5 15.5 23.3



#89

Di-n-octyl phthalate

Concen: 23.194 ng/ul

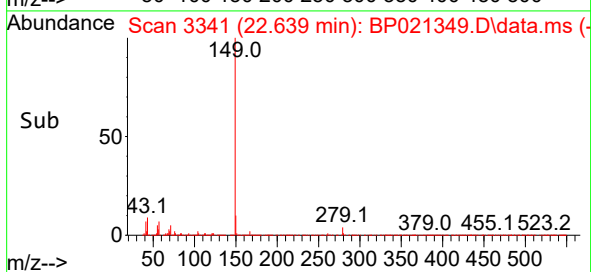
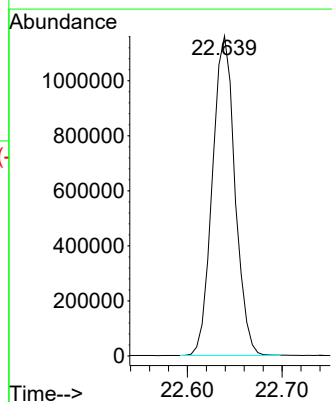
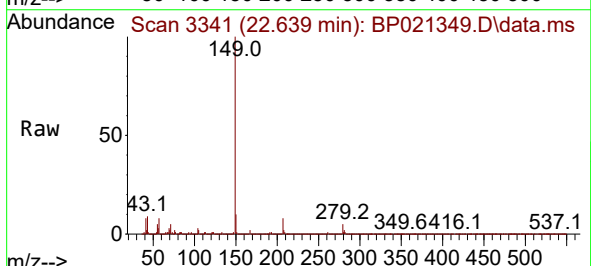
RT: 22.639 min Scan# 3341

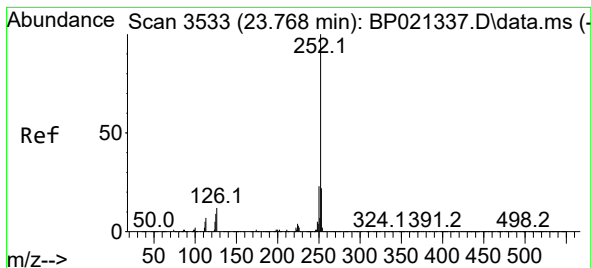
Delta R.T. -0.041 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Tgt Ion:149 Resp: 1921472





#90

Benzo(b)fluoranthene

Concen: 26.196 ng/ul

RT: 23.768 min Scan# 3533

Delta R.T. -0.017 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Instrument :

BNA_P

ClientSampleId :

SLCS169

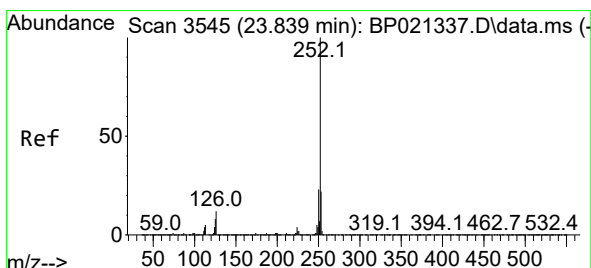
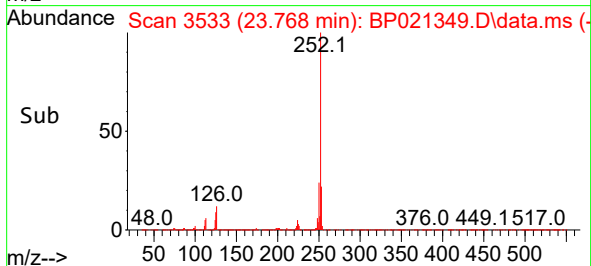
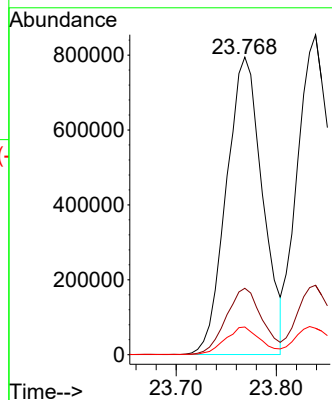
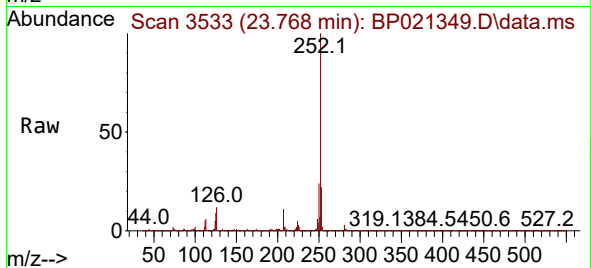
Tgt Ion:252 Resp: 1993609

Ion Ratio Lower Upper

252 100

253 22.3 17.1 25.7

125 9.3 7.0 10.4



#91

Benzo(k)fluoranthene

Concen: 25.795 ng/ul

RT: 23.839 min Scan# 3545

Delta R.T. -0.011 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

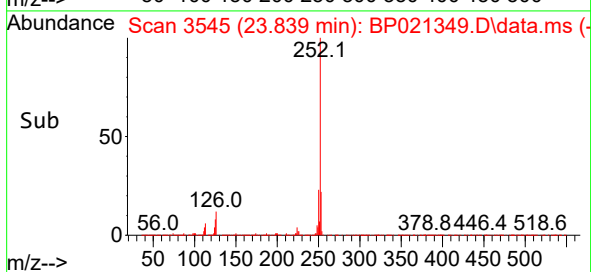
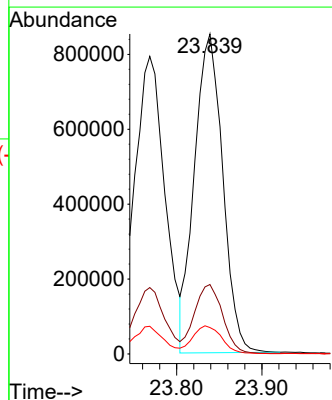
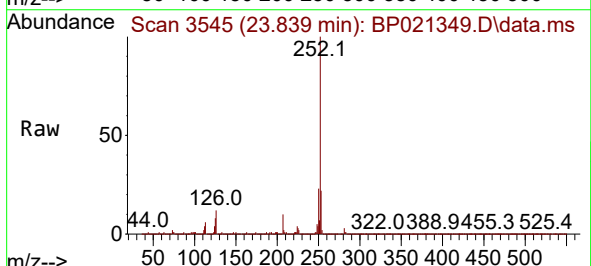
Tgt Ion:252 Resp: 1959078

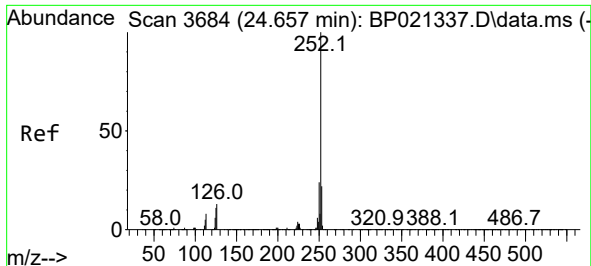
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 8.3 7.4 11.0

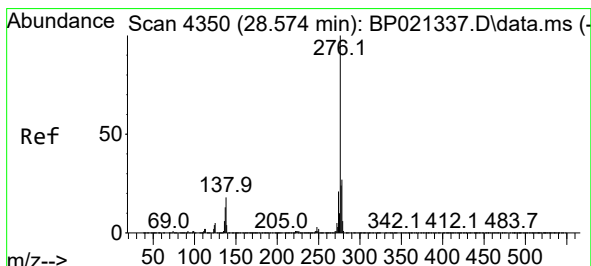
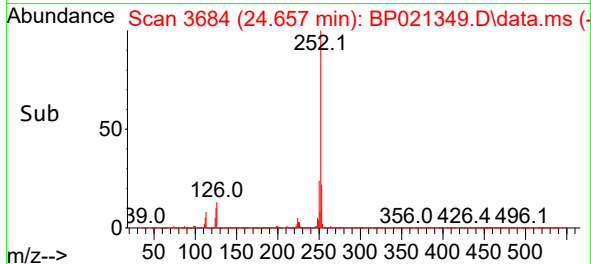
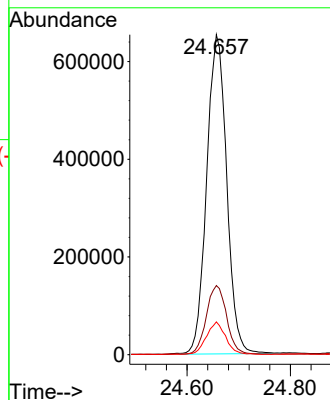
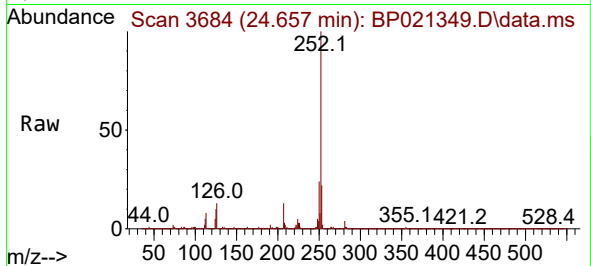




#93
Benzo(a)pyrene
Concen: 24.427 ng/ul
RT: 24.657 min Scan# 30
Delta R.T. -0.023 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

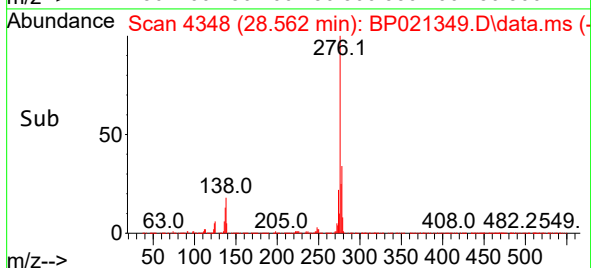
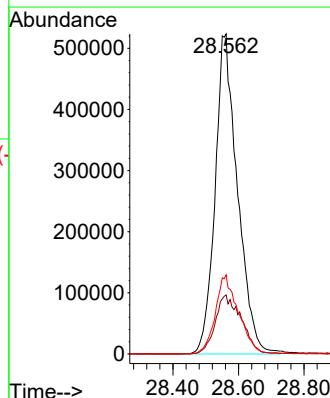
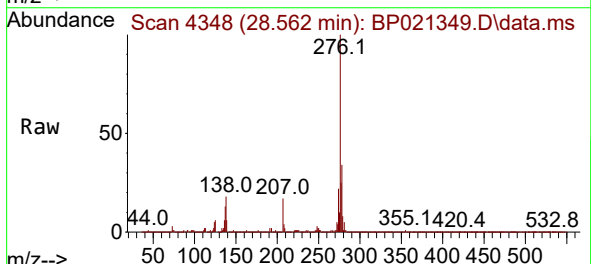
Instrument :
BNA_P
ClientSampleId :
SLCS169

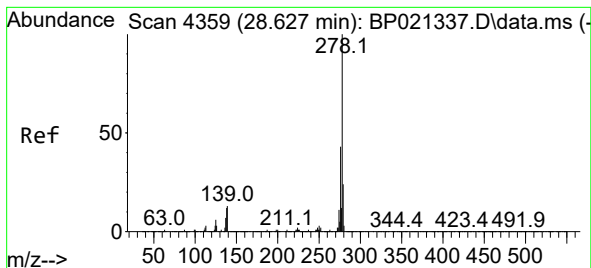
Tgt Ion:252 Resp: 1756694
Ion Ratio Lower Upper
252 100
253 21.6 17.4 26.0
125 10.3 7.7 11.5



#94
Indeno(1,2,3-cd)pyrene
Concen: 26.774 ng/ul
RT: 28.562 min Scan# 4348
Delta R.T. -0.035 min
Lab File: BP021349.D
Acq: 03 Aug 2024 18:25

Tgt Ion:276 Resp: 2481205
Ion Ratio Lower Upper
276 100
138 18.4 14.3 21.5
277 24.7 19.2 28.8





#95

Dibenzo(a,h)anthracene

Concen: 26.470 ng/ul

RT: 28.603 min Scan# 41

Delta R.T. -0.035 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Instrument :

BNA_P

ClientSampleId :

SLCS169

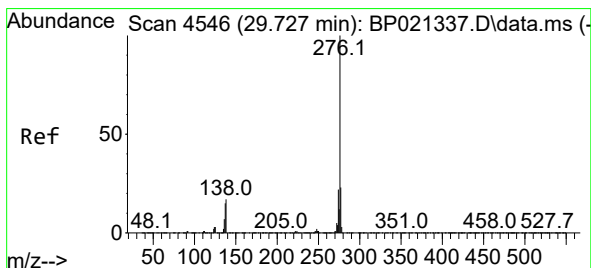
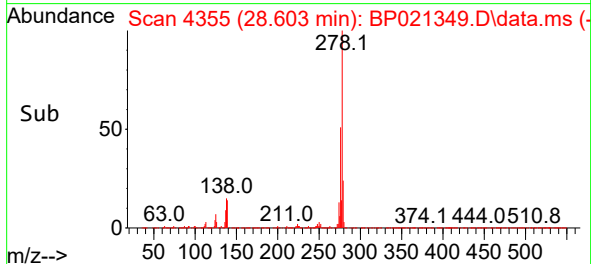
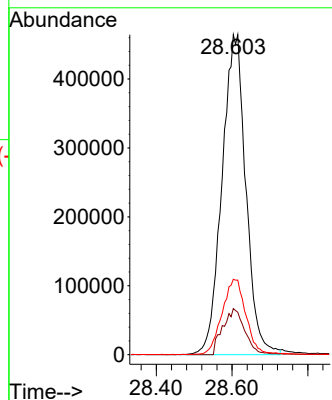
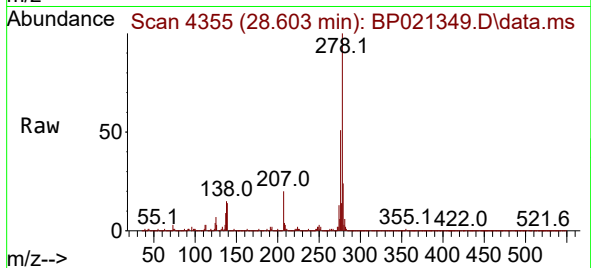
Tgt Ion:278 Resp: 2031331

Ion Ratio Lower Upper

278 100

139 14.4 10.9 16.3

279 23.6 19.4 29.0



#96

Benzo(g,h,i)perylene

Concen: 13.732 ng/ul

RT: 29.733 min Scan# 4547

Delta R.T. -0.029 min

Lab File: BP021349.D

Acq: 03 Aug 2024 18:25

Tgt Ion:276 Resp: 1036354

Ion Ratio Lower Upper

276 100

138 19.3 15.3 22.9

277 23.9 18.2 27.2

