

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP091823\
 Data File : BP017209.D
 Acq On : 18 Sep 2023 17:24
 Operator : MA/JU
 Sample : PB155449BS
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_P
 ClientSampleId :
 SLCS449

Quant Time: Sep 18 22:32:46 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\SFAM-EPA-BP091223.MA.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 03:18:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.946	152	181596	20.000	ng/u1	0.00
20) Naphthalene-d8	10.769	136	775401	20.000	ng/u1	0.00
38) Acenaphthene-d10	14.604	164	463443	20.000	ng/u1	0.00
64) Phenanthrene-d10	17.375	188	922748	20.000	ng/u1	0.00
79) Chrysene-d12	21.474	240	625155	20.000	ng/u1	0.00
88) Perylene-d12	23.998	264	651598	20.000	ng/u1	0.00
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.305	96	24180	5.596	ng/uL	0.00
4) Pyridine-d5	3.740	84	341778	27.648	ng/u1	0.00
7) Phenol-d5	7.099	99	436031	29.529	ng/u1	0.00
9) Bis-(2-Chloroethyl)eth...	7.287	67	269889	29.243	ng/u1	0.00
11) 2-Chlorophenol-d4	7.463	132	342034	29.036	ng/u1	0.00
15) 4-Methylphenol-d8	8.658	113	347431	28.390	ng/u1	0.00
21) Nitrobenzene-d5	9.146	128	161854	29.810	ng/u1	0.00
24) 2-Nitrophenol-d4	9.857	143	180649	31.165	ng/u1	0.00
28) 2,4-Dichlorophenol-d3	10.381	165	344565	30.737	ng/u1	0.00
31) 4-Chloroaniline-d4	10.934	131	453481	26.839	ng/u1	0.00
46) Dimethylphthalate-d6	14.022	166	980694	29.736	ng/u1	0.00
49) Acenaphthylene-d8	14.304	160	1125115	30.066	ng/u1	0.00
54) 4-Nitrophenol-d4	14.822	143	155134	24.338	ng/u1	0.00
60) Fluorene-d10	15.604	176	831900	29.173	ng/u1	0.00
65) 4,6-Dinitro-2-methylph...	15.734	200	145201	28.165	ng/u1	0.00
73) Anthracene-d10	17.475	188	1215914	31.014	ng/u1	0.00
81) Pyrene-d10	19.716	212	1207472	36.829	ng/u1	0.00
92) Benzo(a)pyrene-d12	23.833	264	946844	30.787	ng/u1	0.00
Target Compounds						
					Qvalue	
2) 1,4-Dioxane	3.340	88	53149	11.438	ng/uL	97
5) Pyridine	3.764	79	331890	25.920	ng/u1	97
6) Benzaldehyde	7.105	77	230639	28.055	ng/u1	99
8) Phenol	7.122	94	463474	29.761	ng/u1	100
10) Bis(2-Chloroethyl)ether	7.381	93	369734	29.766	ng/u1	99
12) 2-Chlorophenol	7.499	128	357245	29.878	ng/u1	99
13) 2-Methylphenol	8.387	108	341347	29.401	ng/u1	99
14) 2,2'-oxybis(1-Chloropr...	8.458	45	312853	18.585	ng/u1	99
16) Acetophenone	8.793	105	567749	29.641	ng/u1	98
17) N-Nitroso-di-n-propyla...	8.769	70	298385	30.314	ng/u1	97
18) 4-Methylphenol	8.722	108	374355	29.144	ng/u1	100
19) Hexachloroethane	9.010	117	147087	29.911	ng/u1	96
22) Nitrobenzene	9.187	77	433542	30.661	ng/u1	99
23) Isophorone	9.699	82	813877	30.716	ng/u1	98
25) 2-Nitrophenol	9.893	139	202642	31.454	ng/u1	99
26) 2,4-Dimethylphenol	9.928	107	374350	28.512	ng/u1	96
27) Bis(2-Chloroethoxy)met...	10.187	93	495269	29.822	ng/u1	97
29) 2,4-Dichlorophenol	10.410	162	347507	30.625	ng/u1	98
30) Naphthalene	10.822	128	1167291	29.749	ng/u1	99
32) 4-Chloroaniline	10.957	127	438344	26.585	ng/u1	98
33) Hexachlorobutadiene	11.046	225	235759	30.598	ng/u1	97
34) Caprolactam	11.781	113	101053	28.331	ng/u1	99
35) 4-Chloro-3-methylphenol	12.057	107	371585	30.265	ng/u1	100
36) 2-Methylnaphthalene	12.428	142	790515	29.858	ng/u1	99

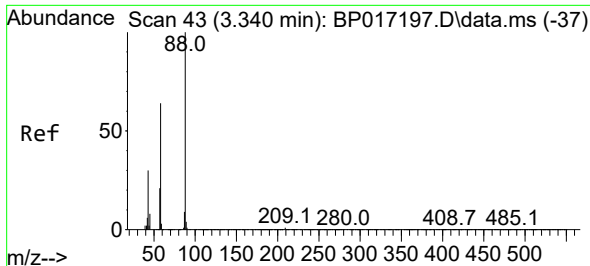
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 Quant Title : SVOA CALIBRATION
 QLast Update : Sat Sep 16 03:18:48 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
37) 1-Methylnaphthalene	12.646	142	771886	28.802	ng/ul	100
39) 1,2,4,5-Tetrachloroben...	12.775	216	438604	31.776	ng/ul	98
40) Hexachlorocyclopentadiene	12.722	237	227432	26.445	ng/ul	98
41) 2,4,6-Trichlorophenol	13.034	196	282950	32.268	ng/ul	98
42) 2,4,5-Trichlorophenol	13.104	196	300890	32.276	ng/ul	99
43) 1,1'-Biphenyl	13.440	154	1033567	31.102	ng/ul	99
44) 2-Chloronaphthalene	13.487	162	827974	31.374	ng/ul	99
45) 2-Nitroaniline	13.722	65	237937	33.286	ng/ul	97
47) Dimethylphthalate	14.069	163	1023700	30.577	ng/ul	99
48) 2,6-Dinitrotoluene	14.216	165	193074	31.544	ng/ul	97
50) Acenaphthylene	14.334	152	1345627	31.126	ng/ul	99
51) 3-Nitroaniline	14.551	138	179123	27.356	ng/ul	97
52) Acenaphthene	14.669	153	880019	30.762	ng/ul	100
53) 2,4-Dinitrophenol	14.751	184	90385	21.083	ng/ul	100
55) 4-Nitrophenol	14.840	109	137236	26.901	ng/ul	95
56) Dibenzofuran	15.004	168	1205365	30.490	ng/ul	100
57) 2,4-Dinitrotoluene	14.992	165	283660	31.124	ng/ul	98
58) 2,3,4,6-Tetrachlorophenol	15.222	232	253688	31.020	ng/ul	98
59) Diethylphthalate	15.422	149	993952	30.070	ng/ul	99
61) Fluorene	15.657	166	983570	30.093	ng/ul	99
62) 4-Chlorophenyl-phenyle...	15.651	204	509825	30.680	ng/ul	97
63) 4-Nitroaniline	15.722	138	168228	27.636	ng/ul	98
66) 4,6-Dinitro-2-methylph...	15.745	198	165757	29.959	ng/ul	99
67) N-Nitrosodiphenylamine	15.875	169	815559	33.992	ng/ul	99
68) 4-Bromophenyl-phenylether	16.551	248	299620	34.064	ng/ul	98
69) Hexachlorobenzene	16.634	284	343663	33.010	ng/ul	99
70) Atrazine	16.834	200	265597	30.581	ng/ul	99
71) Pentachlorophenol	16.998	266	195006	28.821	ng/ul	99
72) Phenanthrene	17.422	178	1463988	31.571	ng/ul	99
74) Anthracene	17.510	178	1484876	31.616	ng/ul	99
75) 1,2,3,4-Tetrachloroben...	13.393	216	432441	33.895	ng/ul	99
76) Pentachlorobenzene	14.898	250	401596	34.690	ng/ul	99
77) Carbazole	17.798	167	1263366	30.634	ng/ul	100
78) Di-n-butylphthalate	18.310	149	1467641	31.230	ng/ul	100
80) Fluoranthene	19.386	202	1503511	39.234	ng/ul	99
82) Pyrene	19.745	202	1544096	38.134	ng/ul	99
83) Butylbenzylphthalate	20.604	149	515284	35.681	ng/ul	97
84) 3,3'-Dichlorobenzidine	21.404	252	370390	28.899	ng/ul	99
85) Benzo(a)anthracene	21.463	228	1312405	32.063	ng/ul	98
86) Bis(2-ethylhexyl)phtha...	21.339	149	679054	33.496	ng/ul	100
87) Chrysene	21.516	228	1220872	32.064	ng/ul	100
89) Di-n-octyl phthalate	22.304	149	1080578	29.908	ng/ul	100
90) Benzo(b)fluoranthene	23.216	252	1202545	31.310	ng/ul	98
91) Benzo(k)fluoranthene	23.269	252	1220589	31.967	ng/ul	100
93) Benzo(a)pyrene	23.886	252	1167670	32.769	ng/ul	99
94) Indeno(1,2,3-cd)pyrene	26.668	276	1502207	38.071	ng/ul	99
95) Dibenzo(a,h)anthracene	26.698	278	1249008	37.682	ng/ul	100
96) Benzo(g,h,i)perylene	27.504	276	1220488	40.001	ng/ul	99

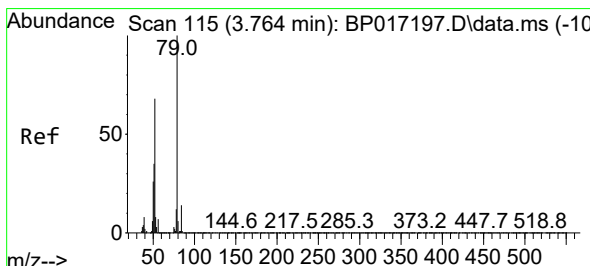
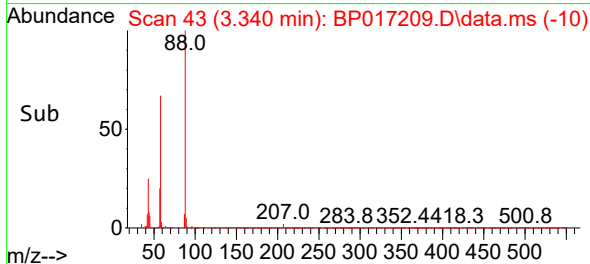
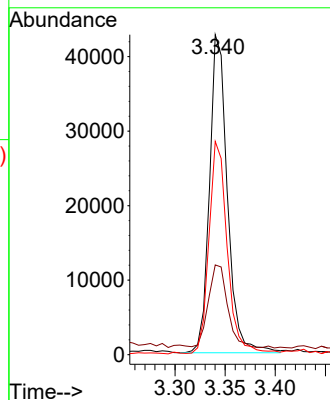
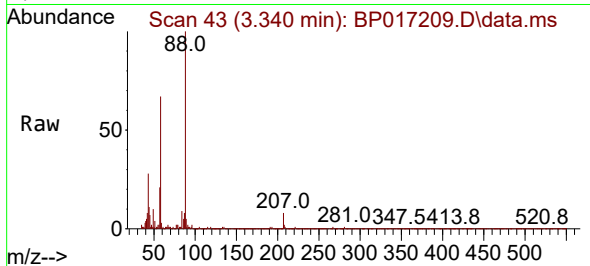
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#2
1,4-Dioxane
Concen: 11.438 ng/uL
RT: 3.340 min Scan# 41
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

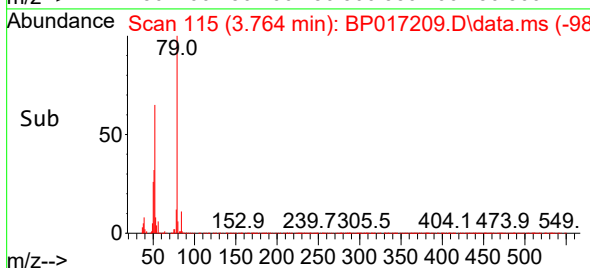
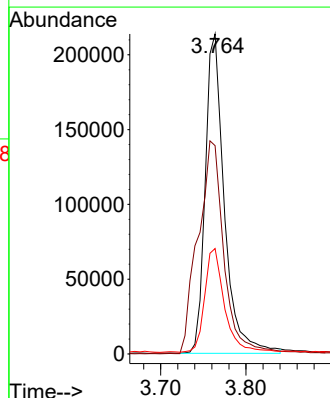
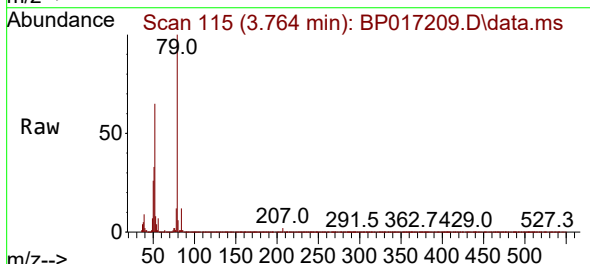
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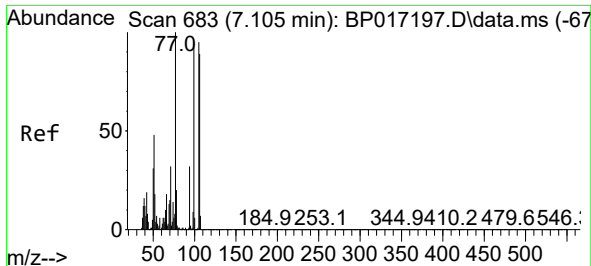
Tgt Ion:	88	Resp:	53149
Ion	Ratio	Lower	Upper
88	100		
43	28.0	21.9	32.9
58	66.7	50.8	76.2



#5
Pyridine
Concen: 25.920 ng/uL
RT: 3.764 min Scan# 115
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:	79	Resp:	331890
Ion	Ratio	Lower	Upper
79	100		
52	65.1	54.5	81.7
51	32.9	27.0	40.6

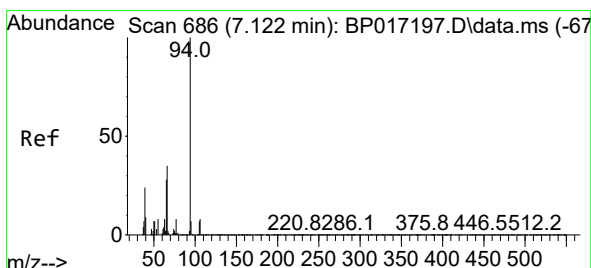
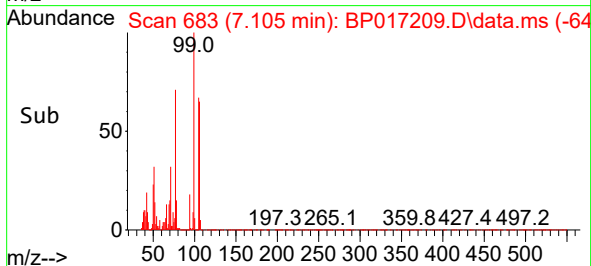
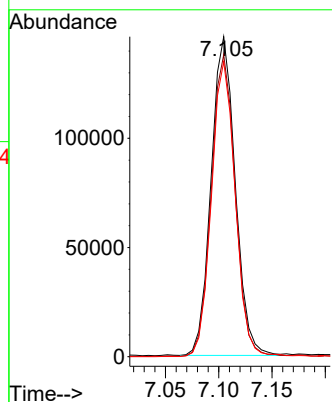
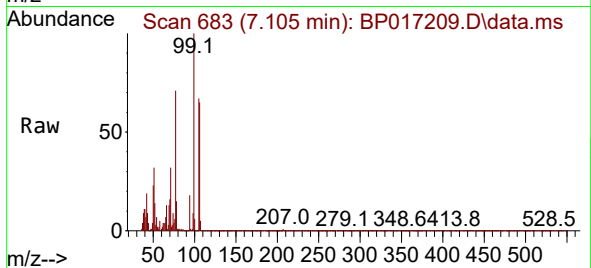




#6
Benzaldehyde
Concen: 28.055 ng/ul
RT: 7.105 min Scan# 61
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

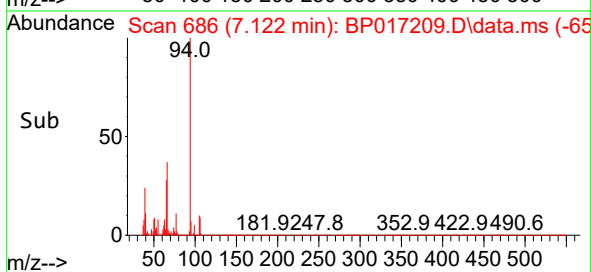
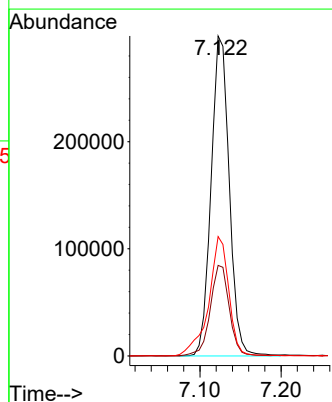
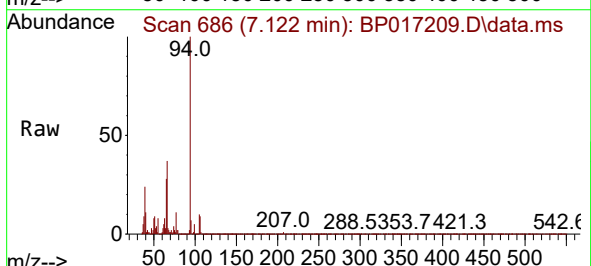
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BNA_P
ClientSampleId :
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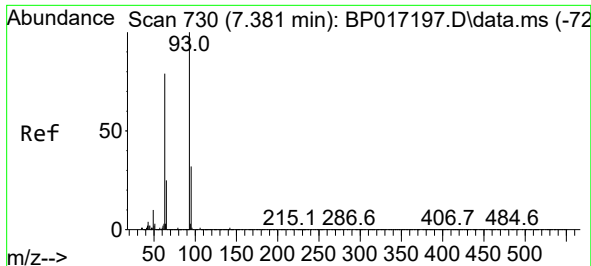
Tgt Ion: 77 Resp: 230639
Ion Ratio Lower Upper
77 100
105 94.4 75.3 112.9
106 92.2 74.6 111.8



#8
Phenol
Concen: 29.761 ng/ul
RT: 7.122 min Scan# 686
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion: 94 Resp: 463474
Ion Ratio Lower Upper
94 100
65 28.3 22.7 34.1
66 37.3 29.6 44.4

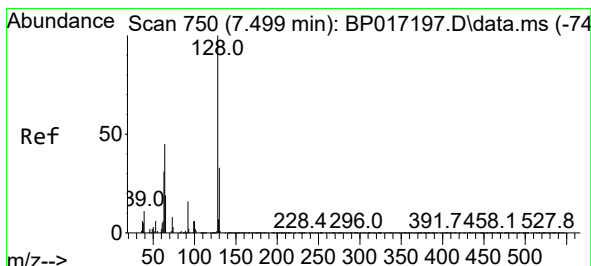
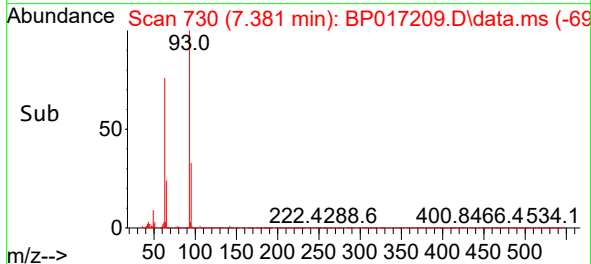
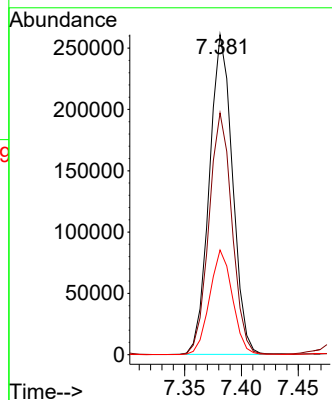
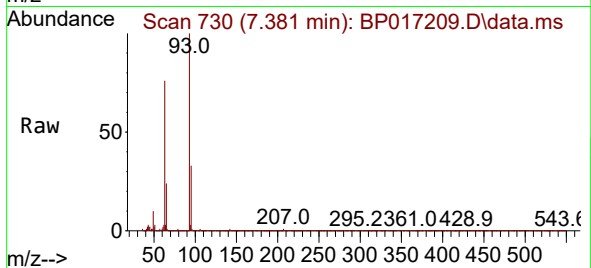




#10
Bis(2-Chloroethyl)ether
Concen: 29.766 ng/ul
RT: 7.381 min Scan# 71
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

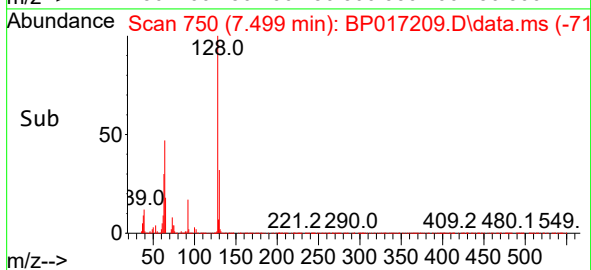
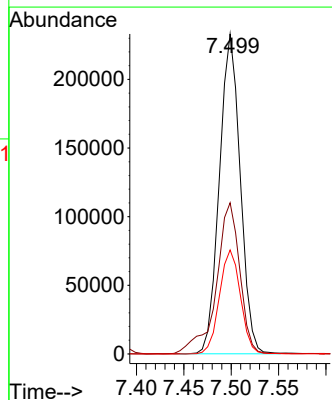
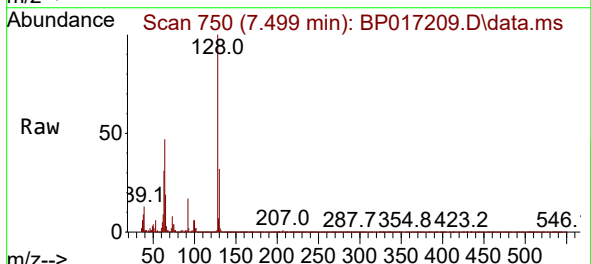
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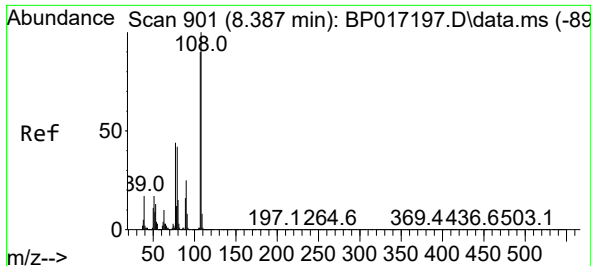
Tgt Ion: 93 Resp: 369734
Ion Ratio Lower Upper
93 100
63 75.6 59.5 89.3
95 32.7 25.8 38.6



#12
2-Chlorophenol
Concen: 29.878 ng/ul
RT: 7.499 min Scan# 750
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:128 Resp: 357245
Ion Ratio Lower Upper
128 100
64 47.3 36.8 55.2
130 32.5 26.3 39.5





#13

2-Methylphenol

Concen: 29.401 ng/ul

RT: 8.387 min Scan# 901

Delta R.T. -0.000 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

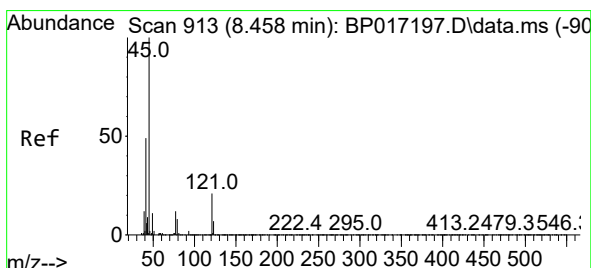
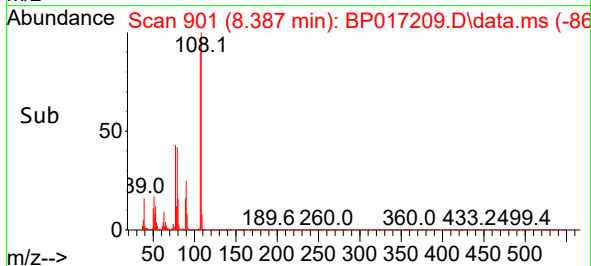
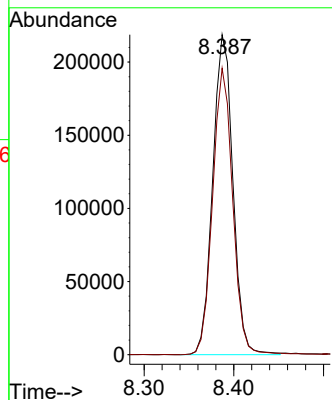
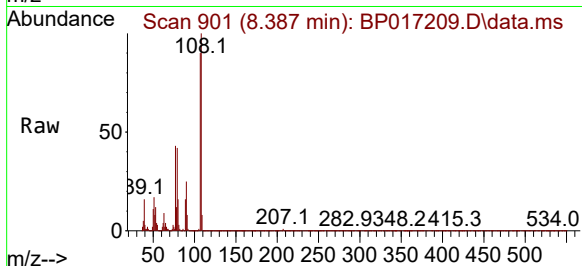
SLCS449

Tgt Ion:108 Resp: 341347

Ion Ratio Lower Upper

108 100

107 89.5 72.2 108.4



#14

2,2'-oxybis(1-Chloropropane)

Concen: 18.585 ng/ul

RT: 8.458 min Scan# 913

Delta R.T. -0.000 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

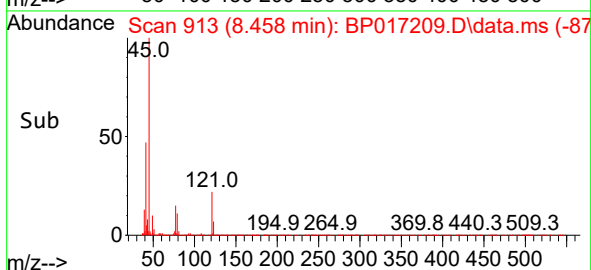
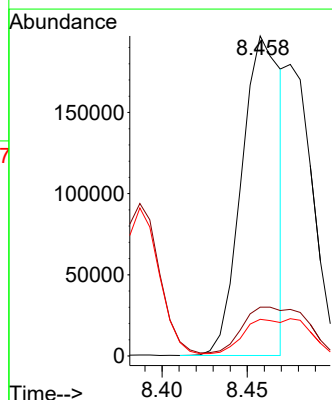
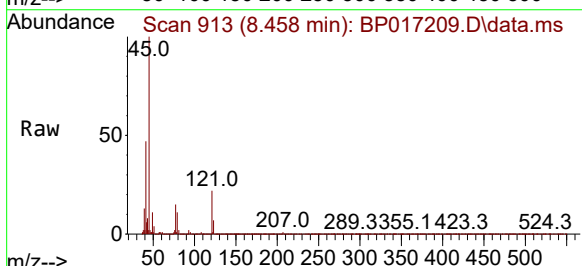
Tgt Ion: 45 Resp: 312853

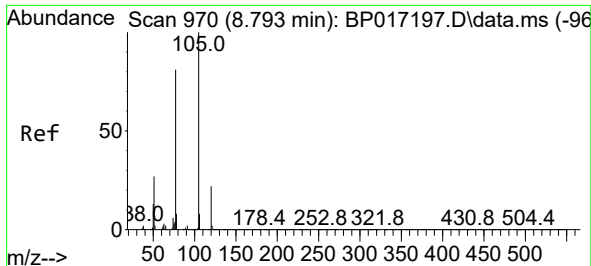
Ion Ratio Lower Upper

45 100

77 15.3 12.5 18.7

79 11.5 8.8 13.2

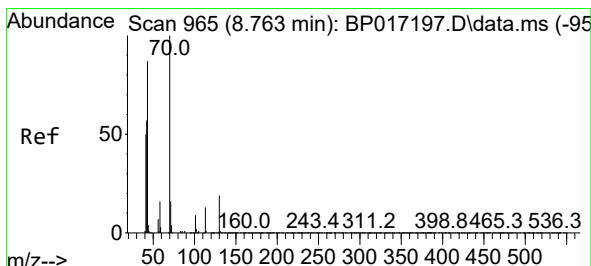
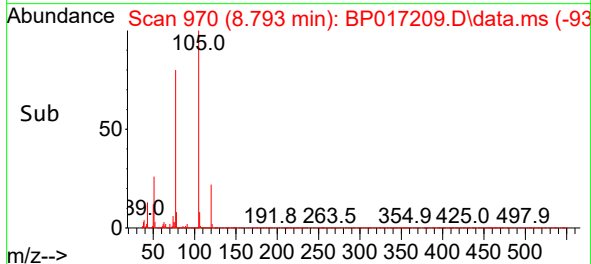
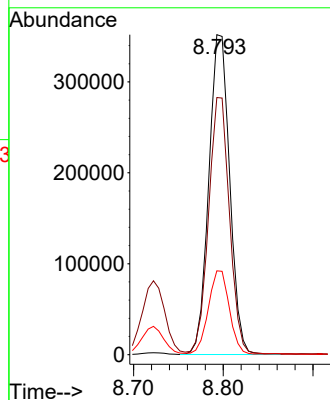
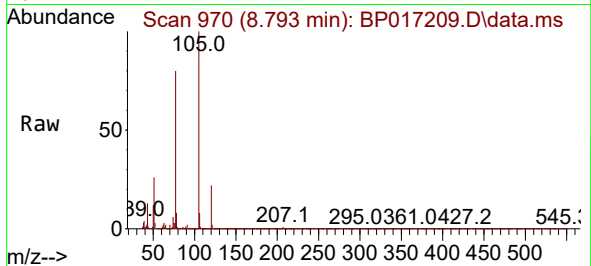




#16
Acetophenone
Concen: 29.641 ng/ul
RT: 8.793 min Scan# 91
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

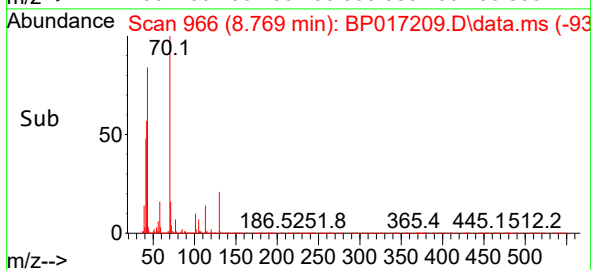
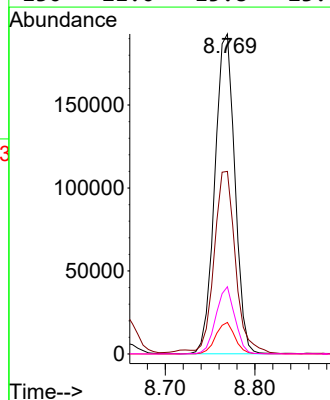
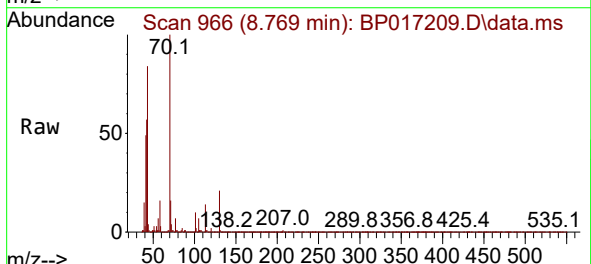
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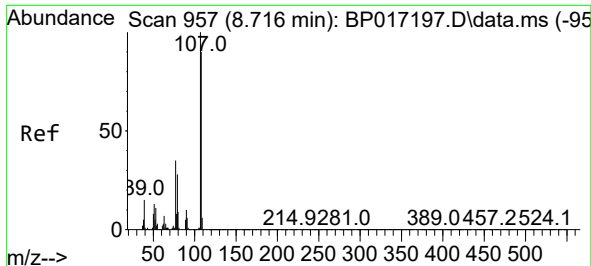
Tgt Ion:105 Resp: 567749
Ion Ratio Lower Upper
105 100
77 80.3 63.0 94.4
51 26.2 20.5 30.7



#17
N-Nitroso-di-n-propylamine
Concen: 30.314 ng/ul
RT: 8.769 min Scan# 966
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion: 70 Resp: 298385
Ion Ratio Lower Upper
70 100
42 57.1 43.9 65.9
101 9.8 7.0 10.4
130 21.0 15.8 23.6

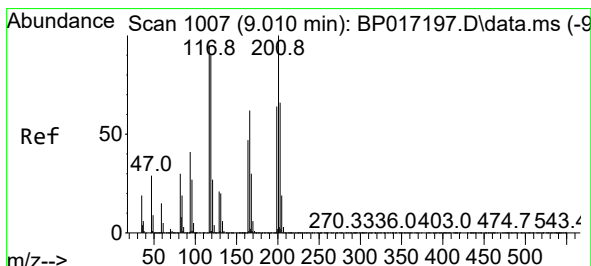
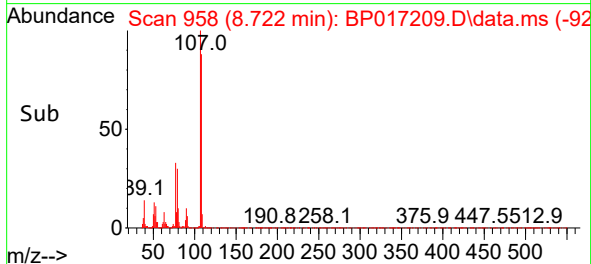
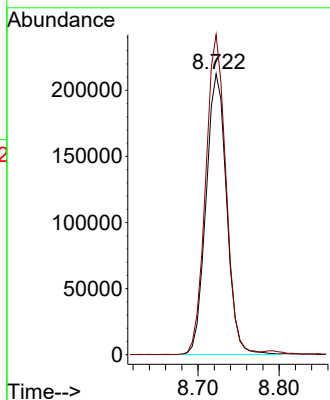
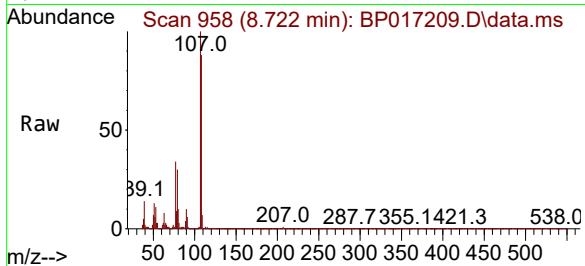




#18
4-Methylphenol
Concen: 29.144 ng/ul
RT: 8.722 min Scan# 91
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

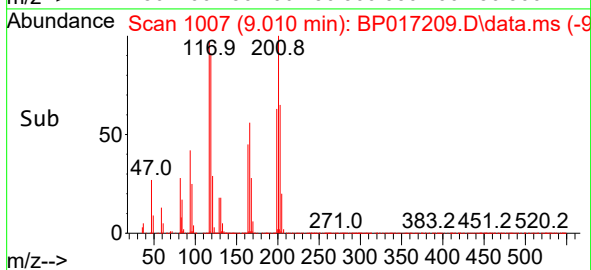
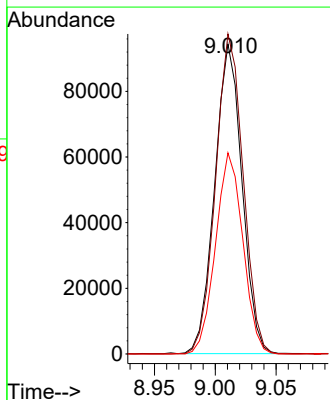
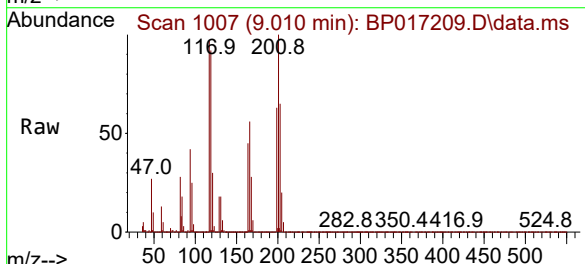
Instrument :
BNA_P
ClientSampleId :
SLCS449

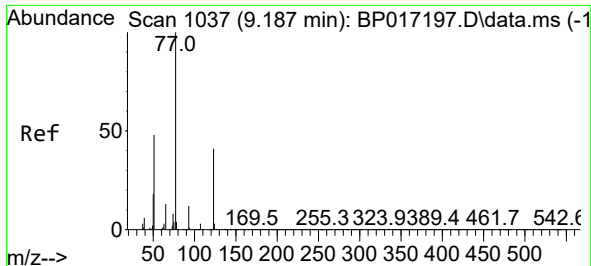
Tgt Ion:108 Resp: 374355
Ion Ratio Lower Upper
108 100
107 114.0 91.4 137.0



#19
Hexachloroethane
Concen: 29.911 ng/ul
RT: 9.010 min Scan# 1007
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:117 Resp: 147087
Ion Ratio Lower Upper
117 100
201 103.3 79.9 119.9
199 64.9 49.4 74.2

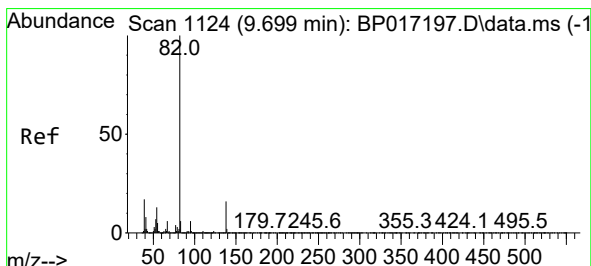
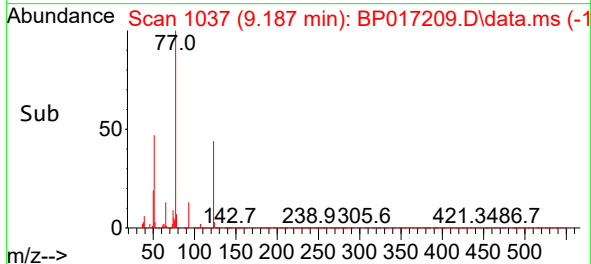
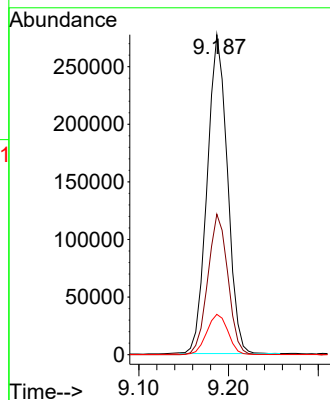
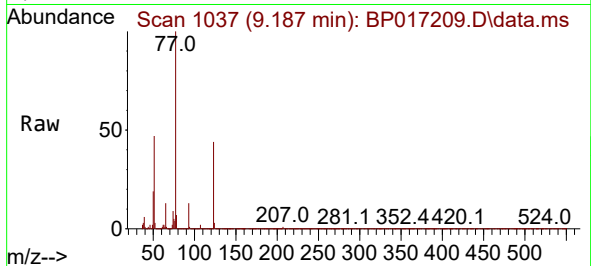




#22
Nitrobenzene
Concen: 30.661 ng/ul
RT: 9.187 min Scan# 1037
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

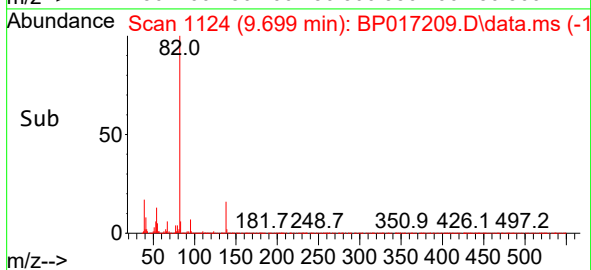
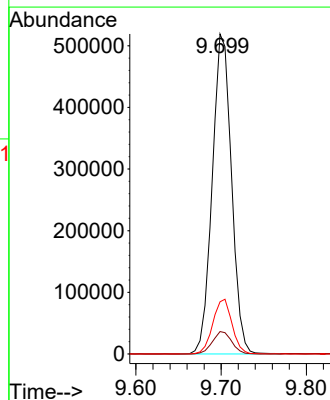
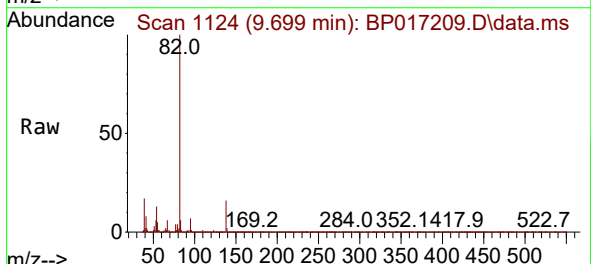
Instrument :
BNA_P
ClientSampleId :
SLCS449

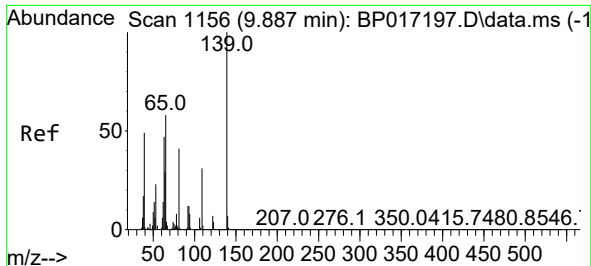
Tgt Ion: 77 Resp: 433542
Ion Ratio Lower Upper
77 100
123 43.9 34.6 51.8
65 12.6 10.6 16.0



#23
Isophorone
Concen: 30.716 ng/ul
RT: 9.699 min Scan# 1124
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion: 82 Resp: 813877
Ion Ratio Lower Upper
82 100
95 7.0 5.6 8.4
138 16.3 14.0 21.0

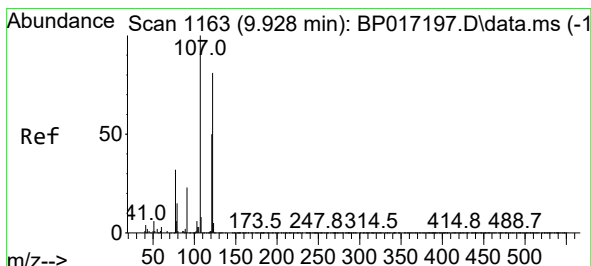
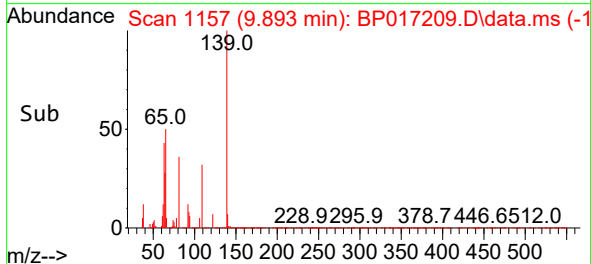
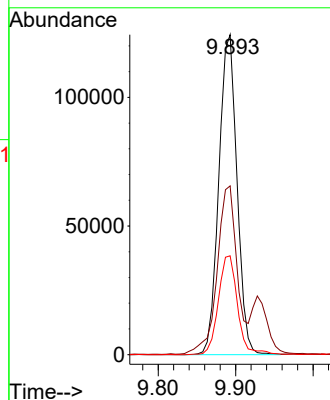
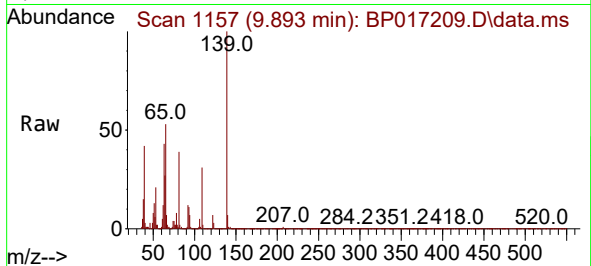




#25
2-Nitrophenol
Concen: 31.454 ng/ul
RT: 9.893 min Scan# 1157
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

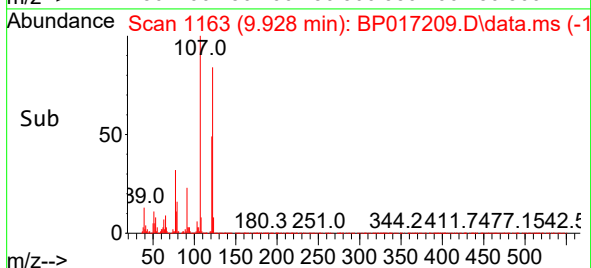
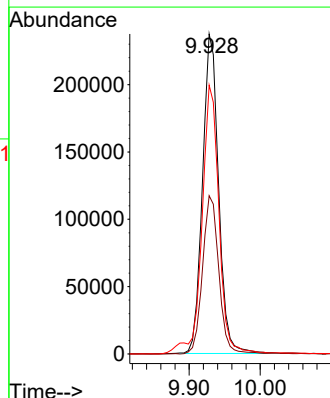
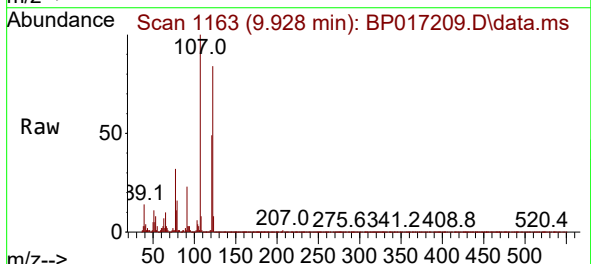
Instrument :
BNA_P
ClientSampleId :
SLCS449

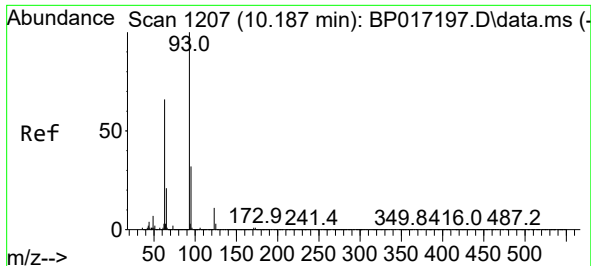
Tgt Ion:139 Resp: 202642
Ion Ratio Lower Upper
139 100
65 52.7 41.9 62.9
109 30.9 23.5 35.3



#26
2,4-Dimethylphenol
Concen: 28.512 ng/ul
RT: 9.928 min Scan# 1163
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:107 Resp: 374350
Ion Ratio Lower Upper
107 100
121 49.4 41.7 62.5
122 84.0 70.4 105.6





#27

Bis(2-Chloroethoxy)methane

Concen: 29.822 ng/ul

RT: 10.187 min Scan# 1

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

SLCS449

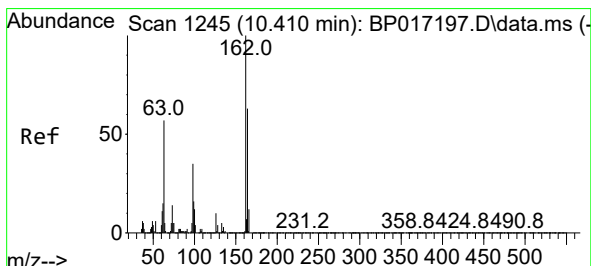
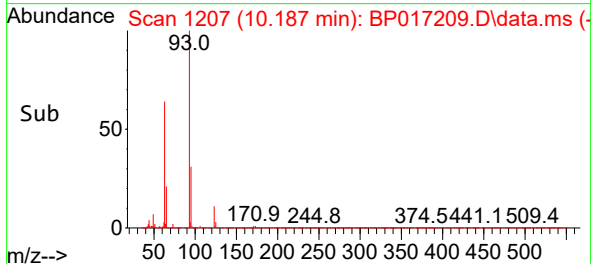
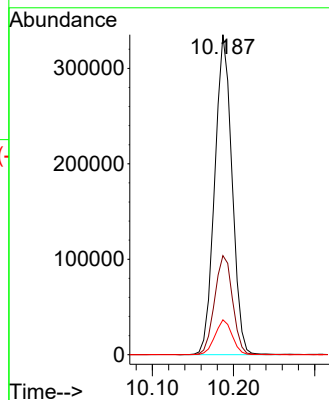
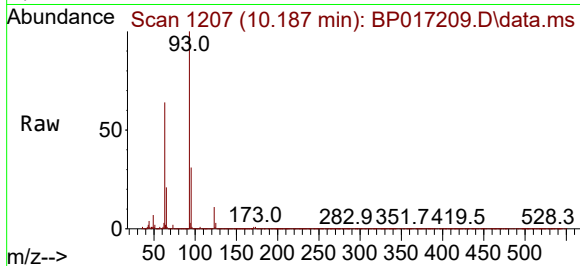
Tgt Ion: 93 Resp: 495269

Ion Ratio Lower Upper

93 100

95 31.0 26.2 39.4

123 10.9 9.3 13.9



#29

2,4-Dichlorophenol

Concen: 30.625 ng/ul

RT: 10.410 min Scan# 1245

Delta R.T. -0.000 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

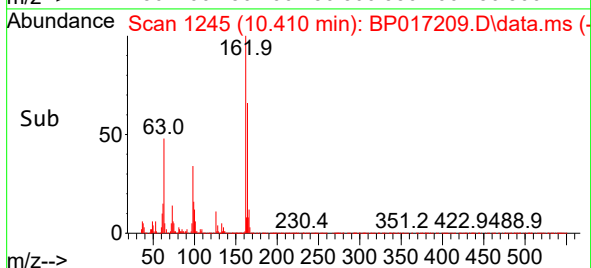
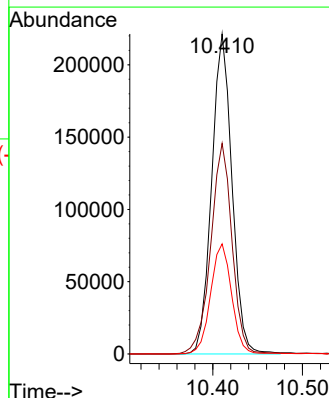
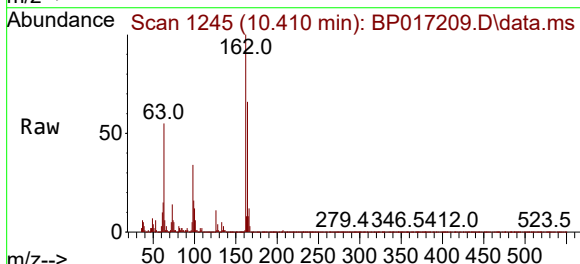
Tgt Ion:162 Resp: 347507

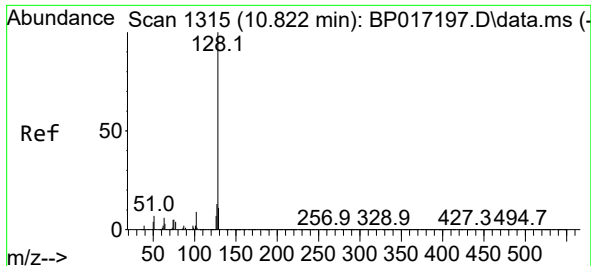
Ion Ratio Lower Upper

162 100

164 65.8 53.2 79.8

98 34.4 30.0 45.0

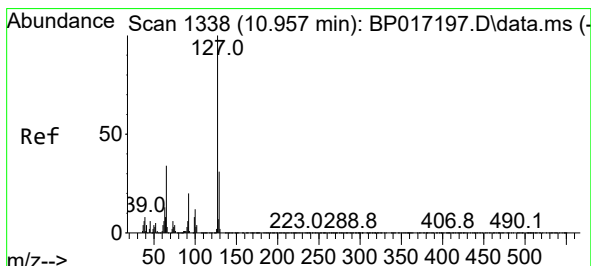
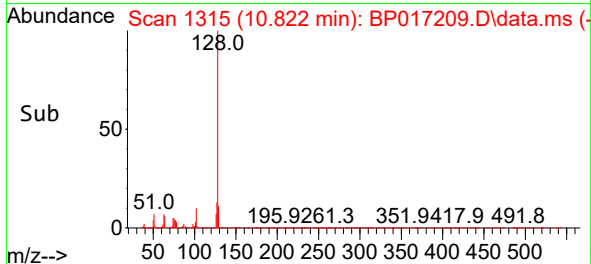
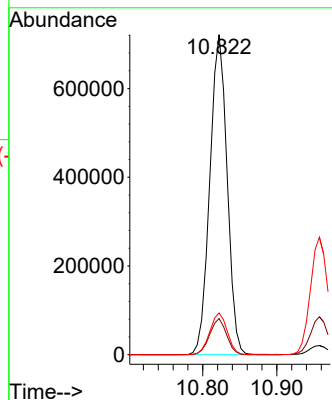
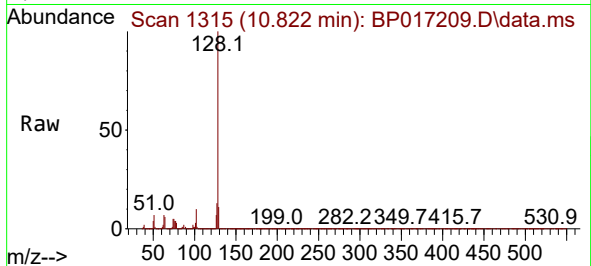




#30
Naphthalene
Concen: 29.749 ng/ul
RT: 10.822 min Scan# 11
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

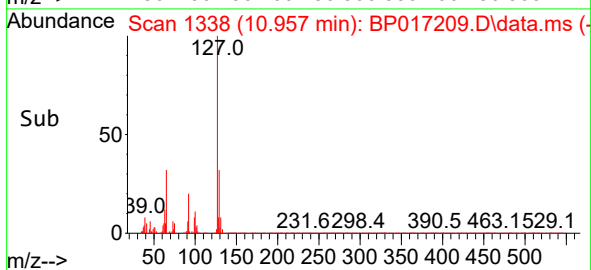
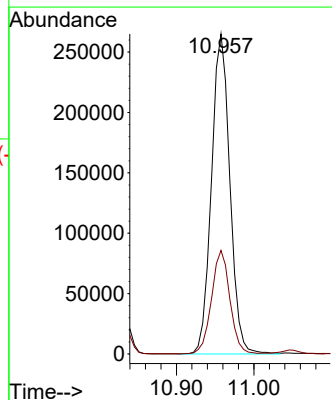
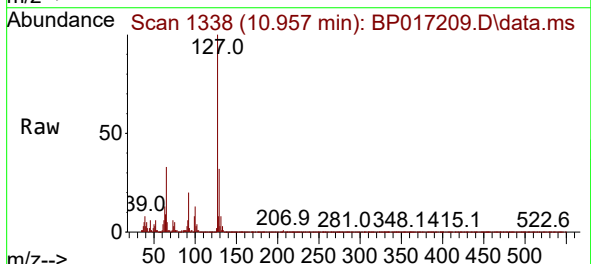
Instrument :
BNA_P
ClientSampleId :
SLCS449

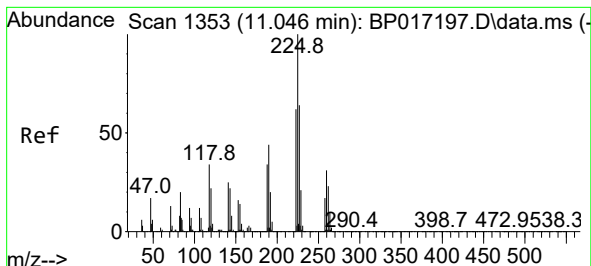
Tgt Ion:128 Resp: 1167291
Ion Ratio Lower Upper
128 100
129 11.3 8.6 13.0
127 13.0 10.4 15.6



#32
4-Chloroaniline
Concen: 26.585 ng/ul
RT: 10.957 min Scan# 1338
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:127 Resp: 438344
Ion Ratio Lower Upper
127 100
129 32.3 24.8 37.2





#33

Hexachlorobutadiene

Concen: 30.598 ng/ul

RT: 11.046 min Scan# 1353

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

SLCS449

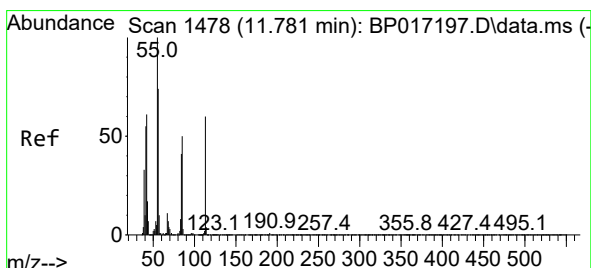
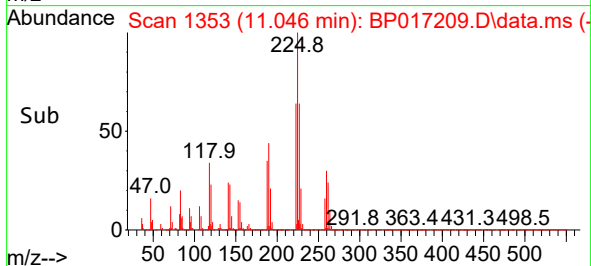
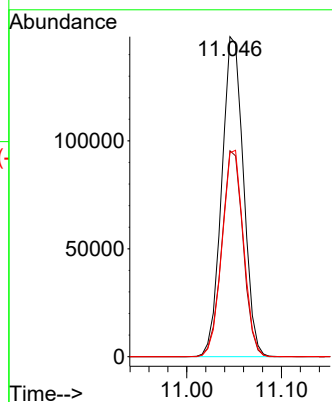
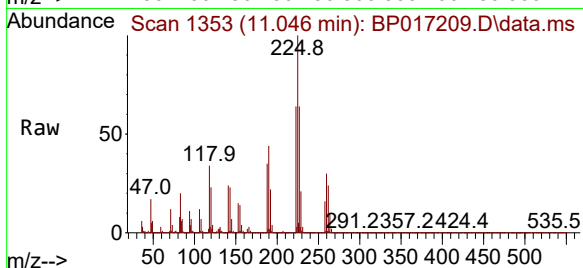
Tgt Ion:225 Resp: 235759

Ion Ratio Lower Upper

225 100

223 64.4 49.0 73.4

227 63.7 50.2 75.4



#34

Caprolactam

Concen: 28.331 ng/ul

RT: 11.781 min Scan# 1478

Delta R.T. -0.000 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

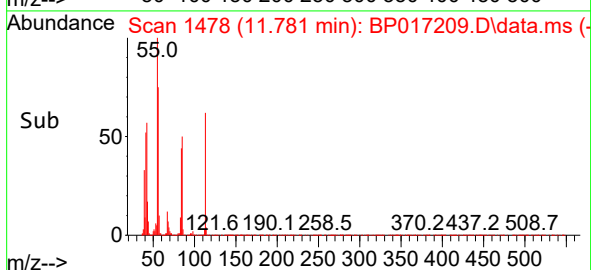
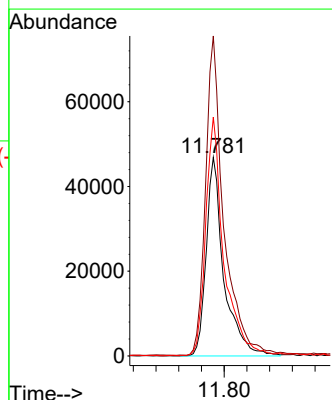
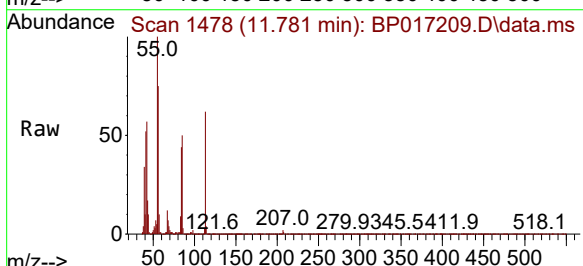
Tgt Ion:113 Resp: 101053

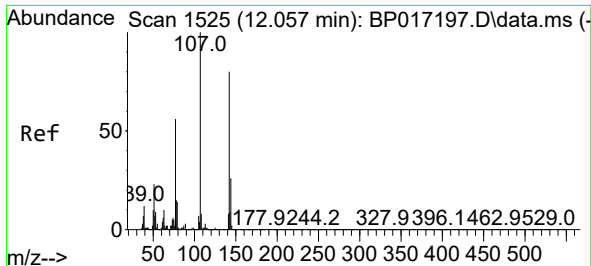
Ion Ratio Lower Upper

113 100

55 161.2 130.7 196.1

56 120.3 96.8 145.2

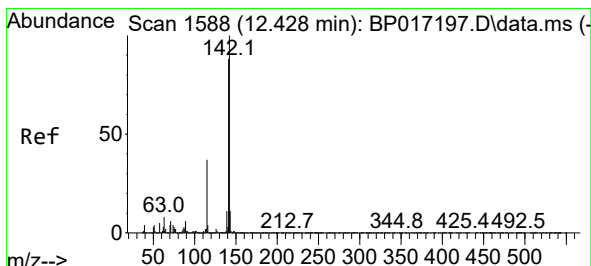
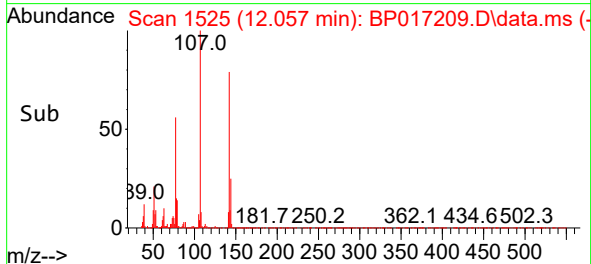
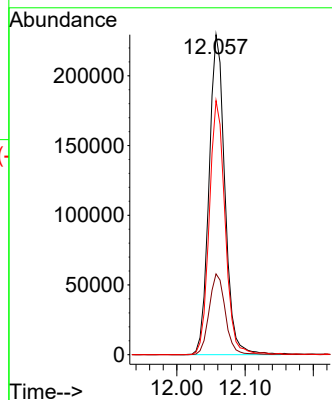
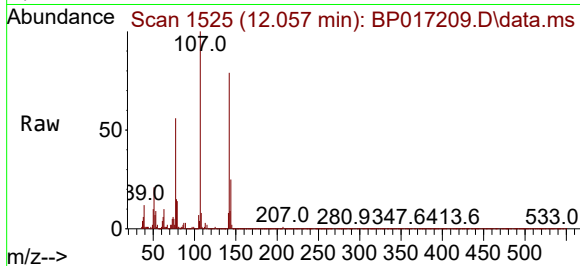




#35
4-Chloro-3-methylphenol
Concen: 30.265 ng/ul
RT: 12.057 min Scan# 1525
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

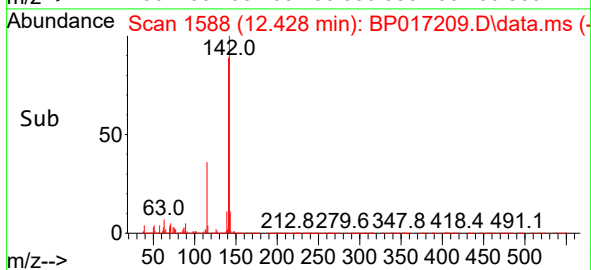
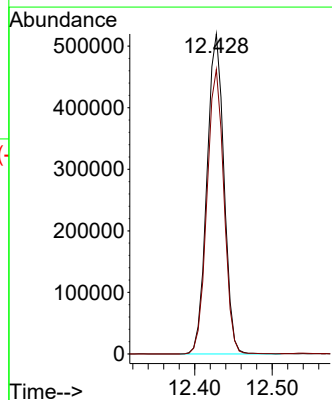
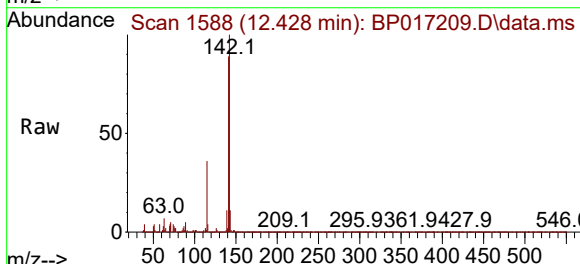
Instrument :
BNA_P
ClientSampleId :
SLCS449

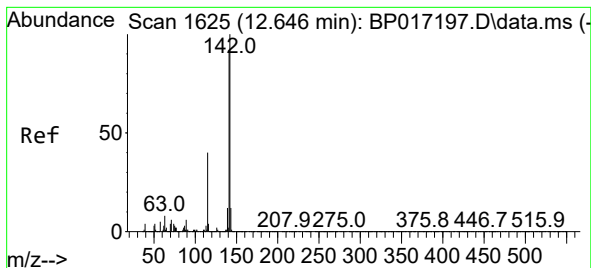
Tgt Ion:107 Resp: 371585
Ion Ratio Lower Upper
107 100
144 25.3 20.6 31.0
142 79.4 63.4 95.0



#36
2-Methylnaphthalene
Concen: 29.858 ng/ul
RT: 12.428 min Scan# 1588
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:142 Resp: 790515
Ion Ratio Lower Upper
142 100
141 88.9 70.1 105.1





#37

1-Methylnaphthalene

Concen: 28.802 ng/ul

RT: 12.646 min Scan# 1625

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

SLCS449

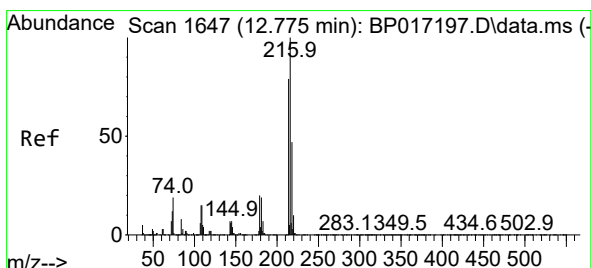
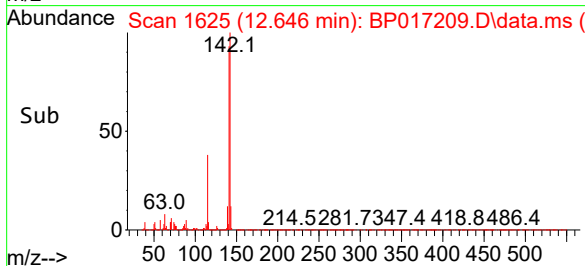
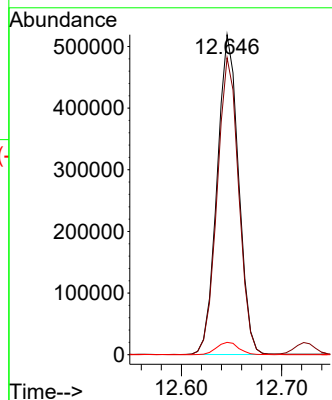
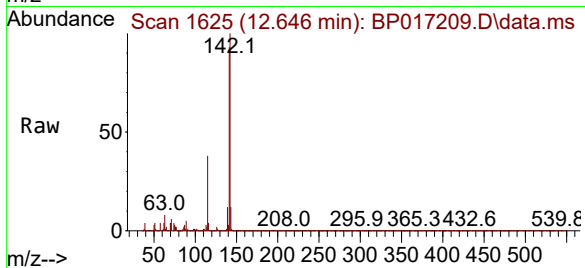
Tgt Ion:142 Resp: 771886

Ion Ratio Lower Upper

142 100

141 92.8 74.1 111.1

116 3.8 3.1 4.7



#39

1,2,4,5-Tetrachlorobenzene

Concen: 31.776 ng/ul

RT: 12.775 min Scan# 1647

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Tgt Ion:216 Resp: 438604

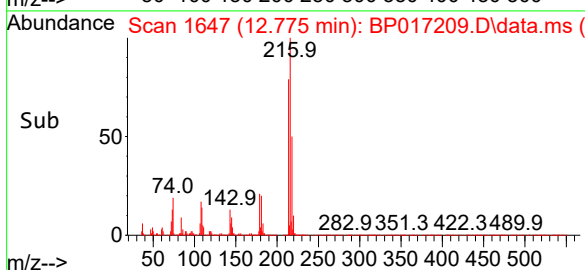
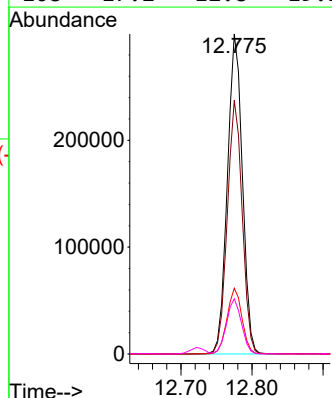
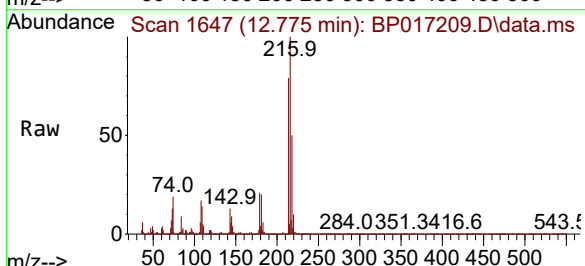
Ion Ratio Lower Upper

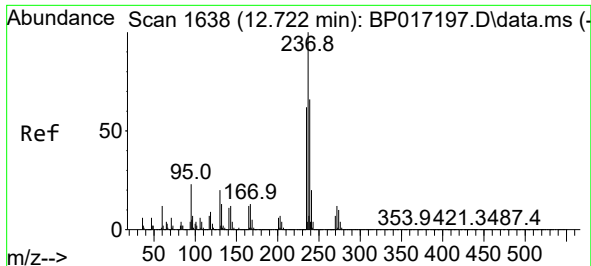
216 100

214 79.2 62.1 93.1

179 20.6 15.6 23.4

108 17.2 12.8 19.2

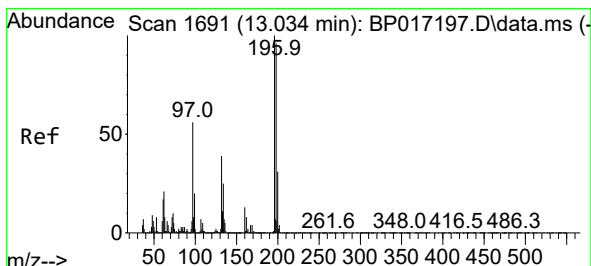
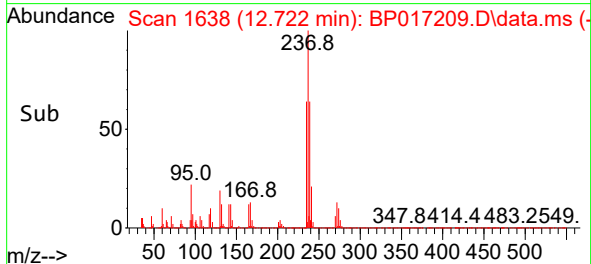
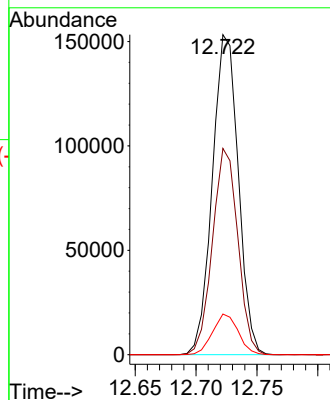
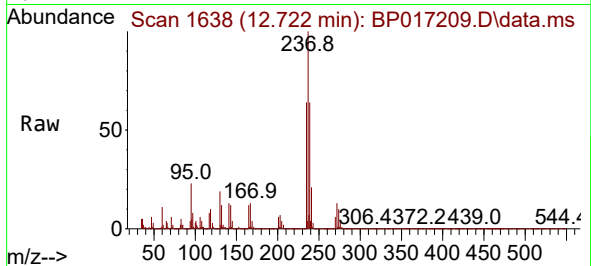




#40
Hexachlorocyclopentadiene
Concen: 26.445 ng/ul
RT: 12.722 min Scan# 1638
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

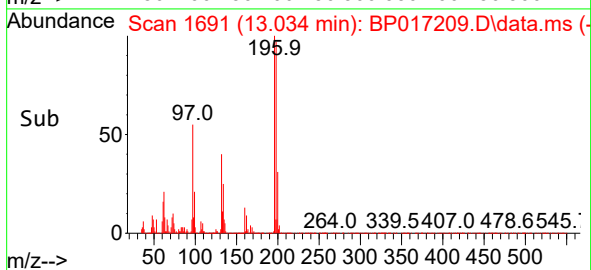
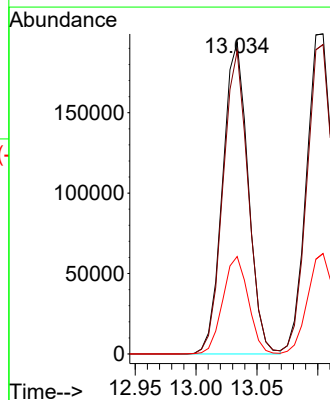
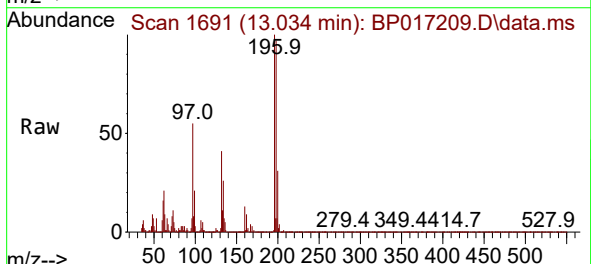
Instrument :
BNA_P
ClientSampleId :
SLCS449

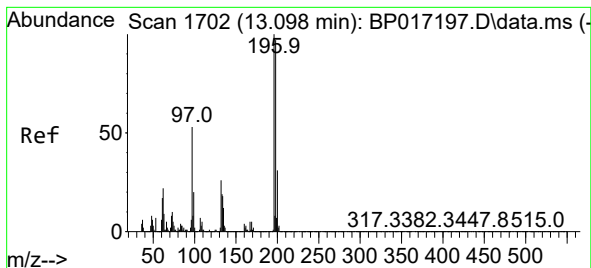
Tgt Ion:237 Resp: 227432
Ion Ratio Lower Upper
237 100
235 64.4 50.4 75.6
272 13.6 10.2 15.4



#41
2,4,6-Trichlorophenol
Concen: 32.268 ng/ul
RT: 13.034 min Scan# 1691
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:196 Resp: 282950
Ion Ratio Lower Upper
196 100
198 97.3 76.0 114.0
200 31.3 25.0 37.4





#42

2,4,5-Trichlorophenol

Concen: 32.276 ng/ul

RT: 13.104 min Scan# 1703

Delta R.T. -0.000 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

SLCS449

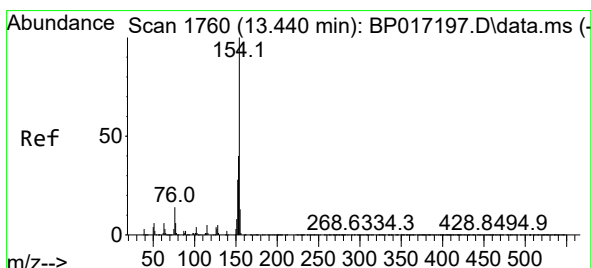
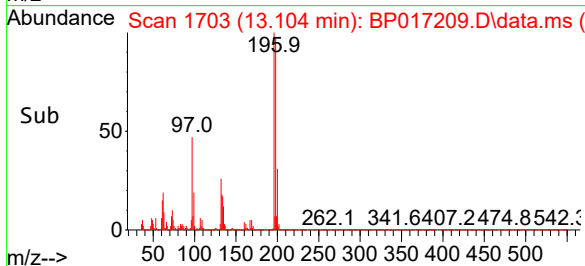
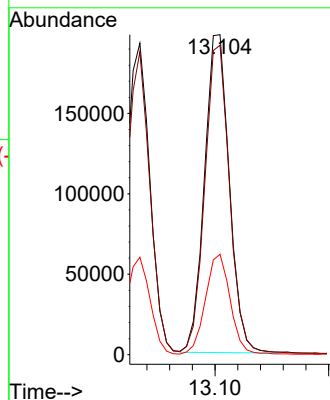
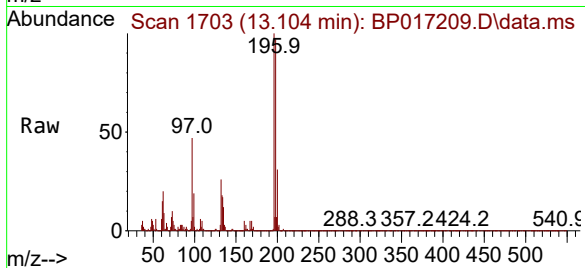
Tgt Ion:196 Resp: 300890

Ion Ratio Lower Upper

196 100

198 96.7 76.9 115.3

200 31.4 25.0 37.6



#43

1,1'-Biphenyl

Concen: 31.102 ng/ul

RT: 13.440 min Scan# 1760

Delta R.T. -0.000 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

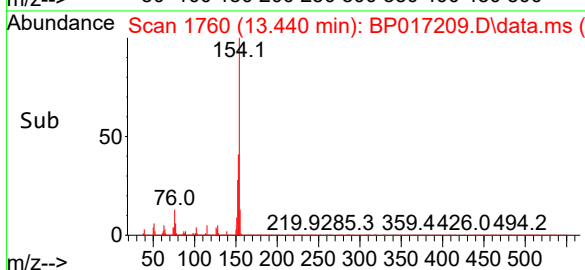
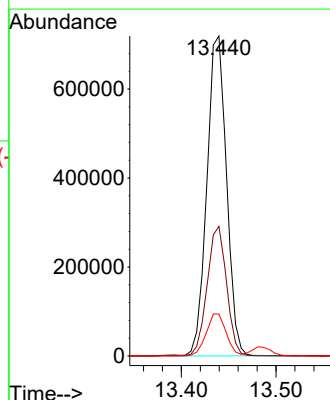
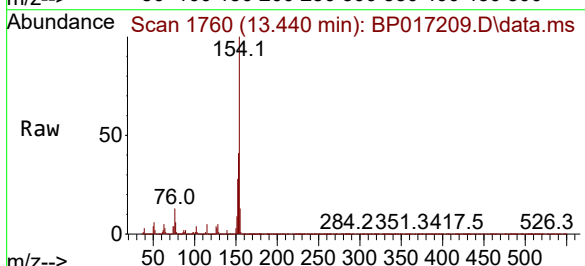
Tgt Ion:154 Resp: 1033567

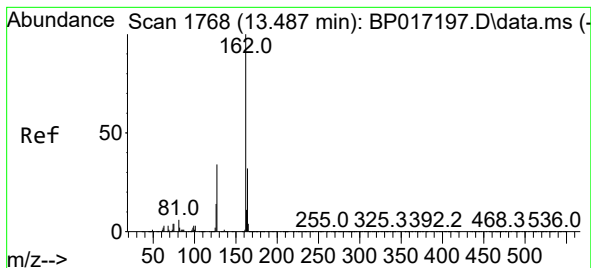
Ion Ratio Lower Upper

154 100

153 40.5 31.8 47.8

76 13.1 10.8 16.2





#44

2-Chloronaphthalene

Concen: 31.374 ng/ul

RT: 13.487 min Scan# 1768

Delta R.T. -0.000 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

SLCS449

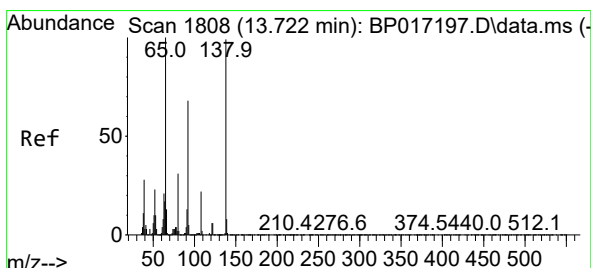
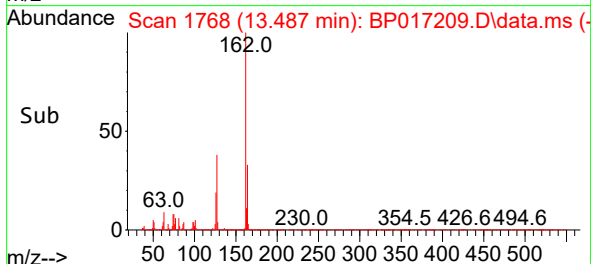
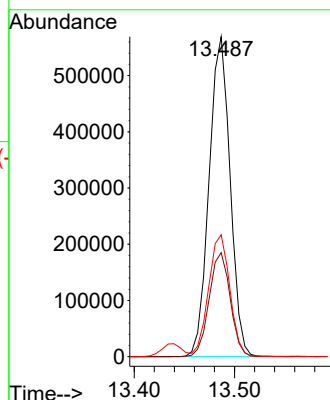
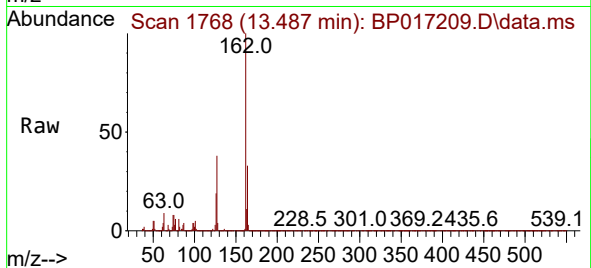
Tgt Ion:162 Resp: 827974

Ion Ratio Lower Upper

162 100

164 32.5 26.6 39.8

127 38.1 31.0 46.4



#45

2-Nitroaniline

Concen: 33.286 ng/ul

RT: 13.722 min Scan# 1808

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

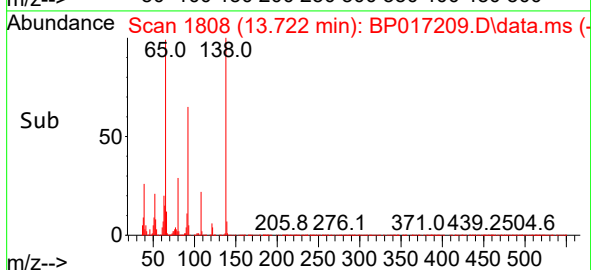
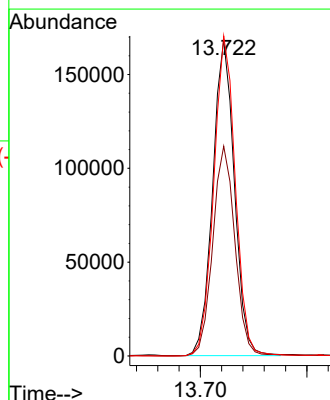
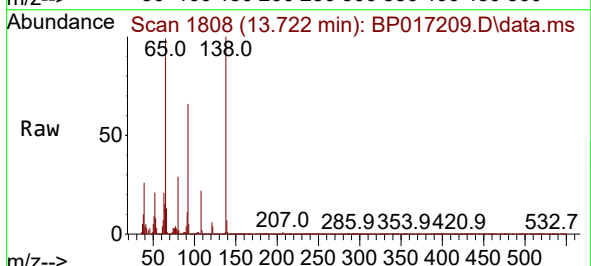
Tgt Ion: 65 Resp: 237937

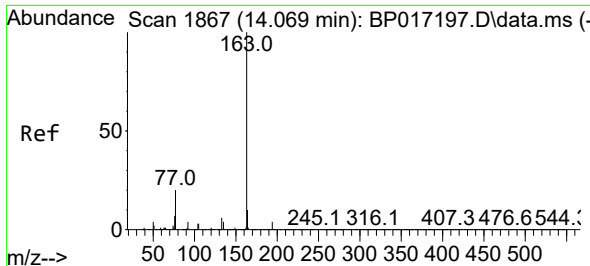
Ion Ratio Lower Upper

65 100

92 66.3 55.6 83.4

138 101.1 82.2 123.2

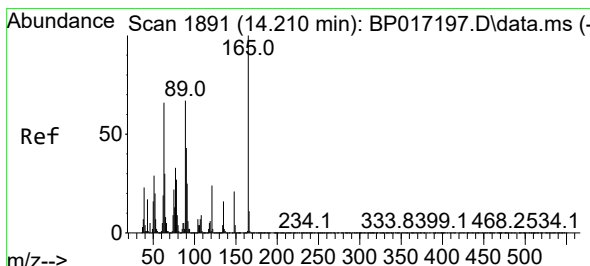
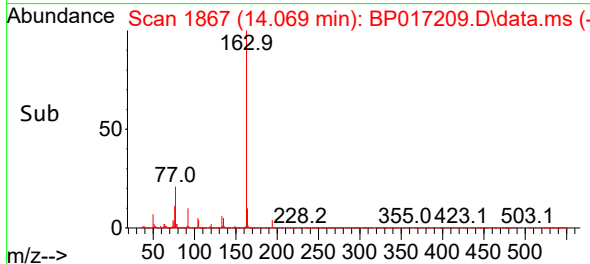
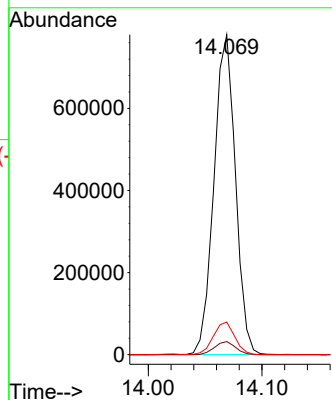
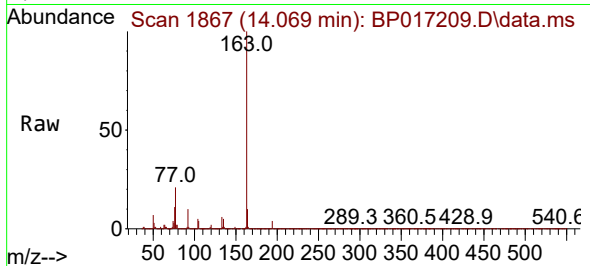




#47
Dimethylphthalate
Concen: 30.577 ng/ul
RT: 14.069 min Scan# 1867
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

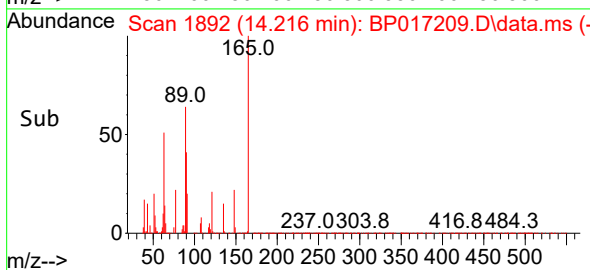
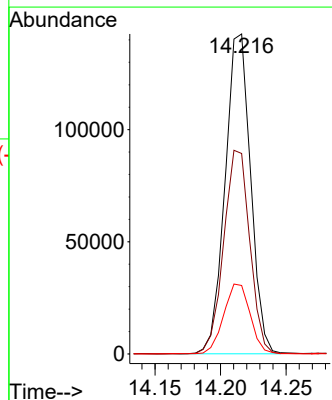
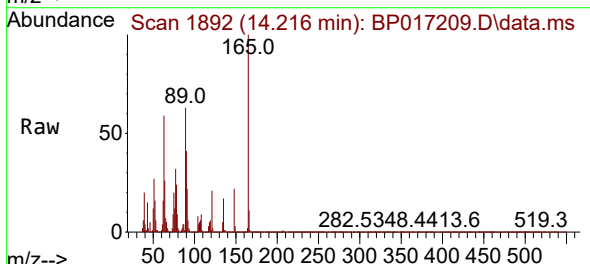
Instrument :
BNA_P
ClientSampleId :
SLCS449

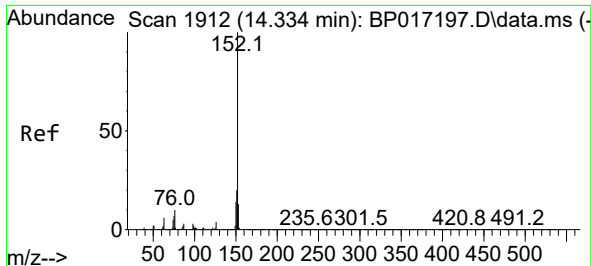
Tgt Ion:163 Resp: 1023700
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 10.2 7.9 11.9



#48
2,6-Dinitrotoluene
Concen: 31.544 ng/ul
RT: 14.216 min Scan# 1892
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:165 Resp: 193074
Ion Ratio Lower Upper
165 100
89 62.7 47.8 71.8
121 21.4 17.4 26.2

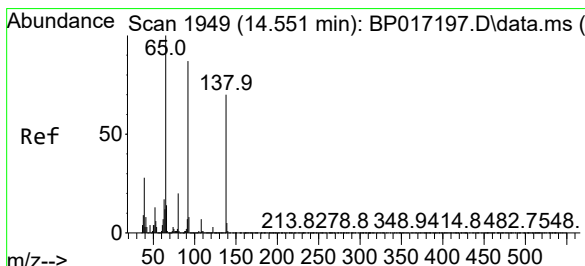
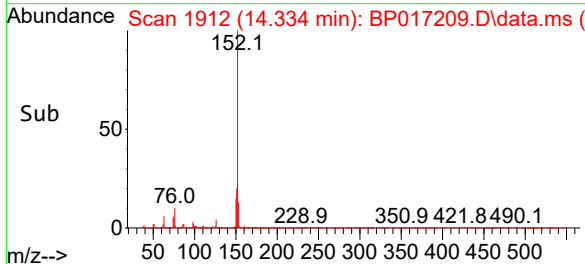
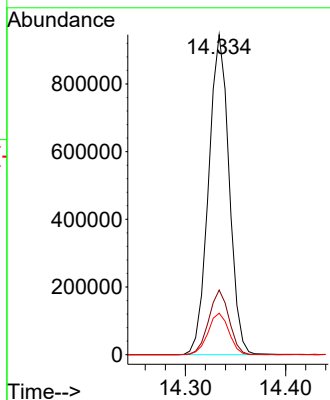
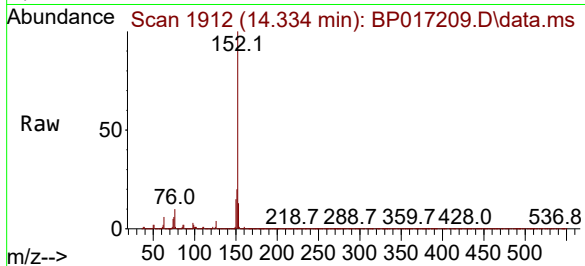




#50
Acenaphthylene
Concen: 31.126 ng/ul
RT: 14.334 min Scan# 1912
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

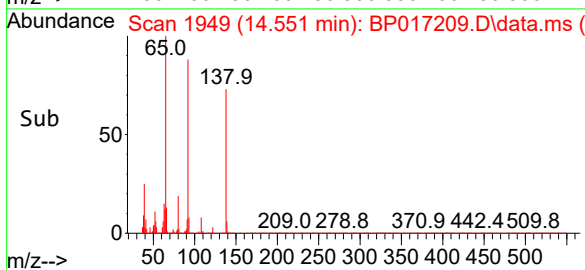
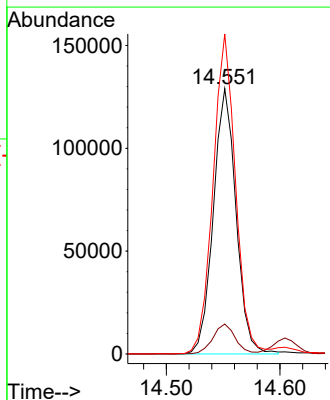
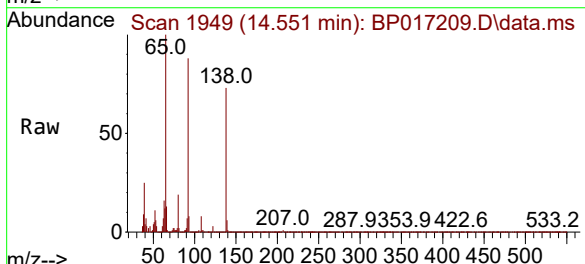
Instrument :
BNA_P
ClientSampleId :
SLCS449

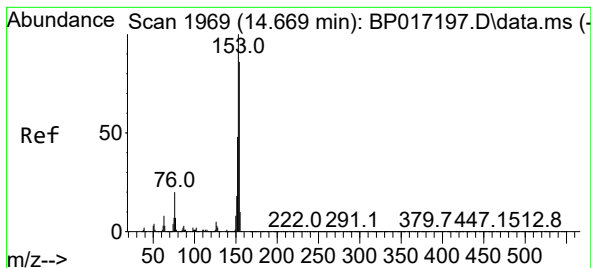
Tgt Ion:152 Resp: 1345627
Ion Ratio Lower Upper
152 100
151 20.2 15.8 23.8
153 13.0 10.6 15.8



#51
3-Nitroaniline
Concen: 27.356 ng/ul
RT: 14.551 min Scan# 1949
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:138 Resp: 179123
Ion Ratio Lower Upper
138 100
108 11.3 8.5 12.7
92 120.7 94.2 141.4





#52

Acenaphthene

Concen: 30.762 ng/ul

RT: 14.669 min Scan# 1969

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

SLCS449

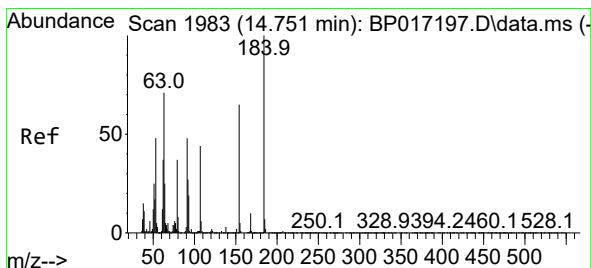
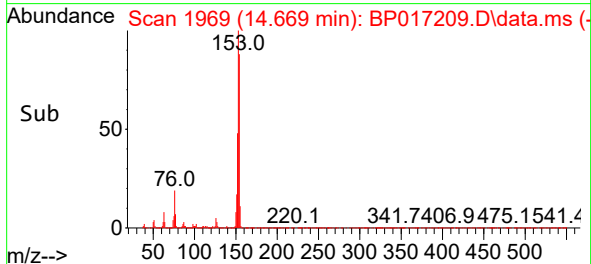
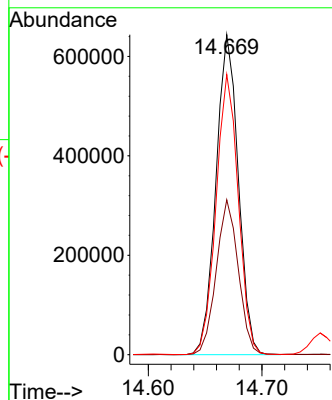
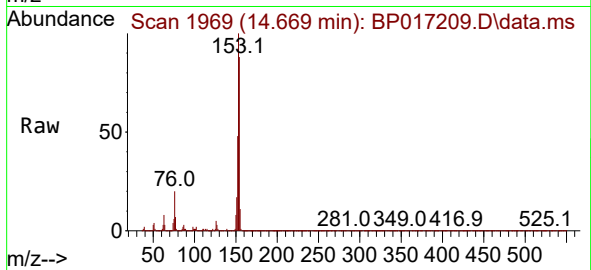
Tgt Ion:153 Resp: 880019

Ion Ratio Lower Upper

153 100

152 48.4 38.6 57.8

154 87.6 70.4 105.6



#53

2,4-Dinitrophenol

Concen: 21.083 ng/ul

RT: 14.751 min Scan# 1983

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

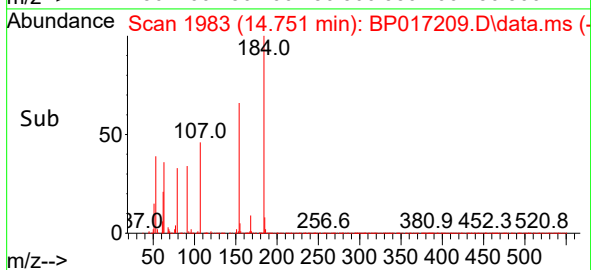
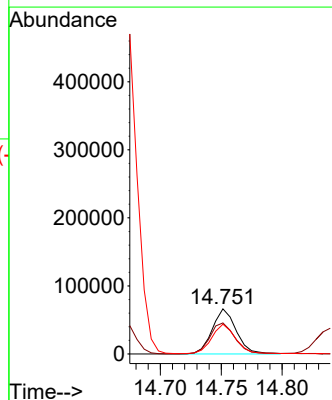
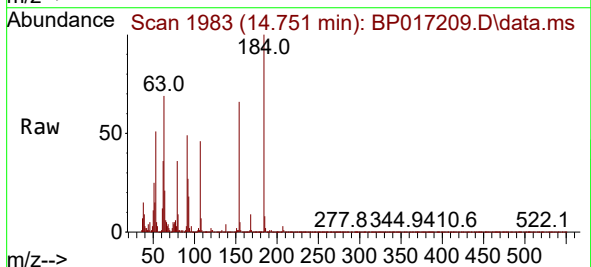
Tgt Ion:184 Resp: 90385

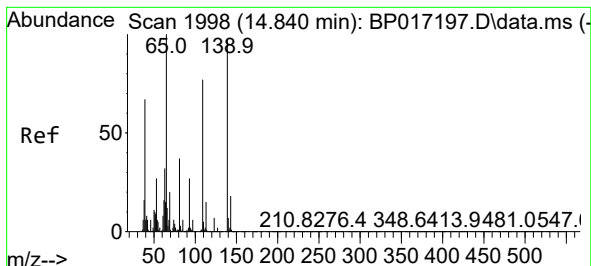
Ion Ratio Lower Upper

184 100

63 68.8 55.2 82.8

154 65.9 53.0 79.4

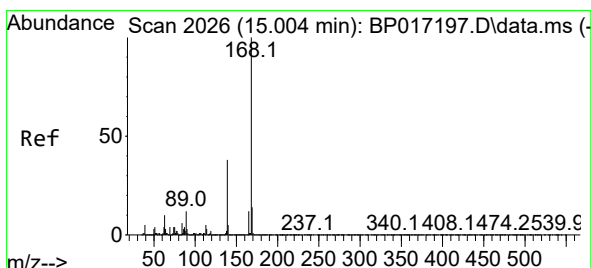
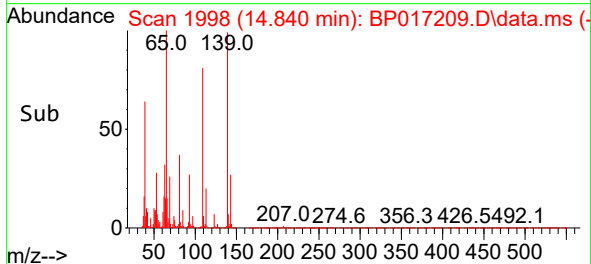
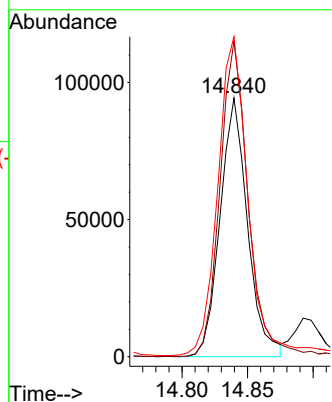
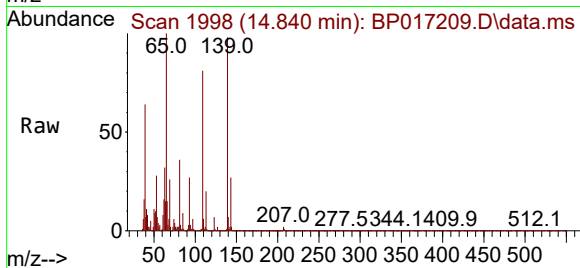




#55
4-Nitrophenol
Concen: 26.901 ng/ul
RT: 14.840 min Scan# 1998
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

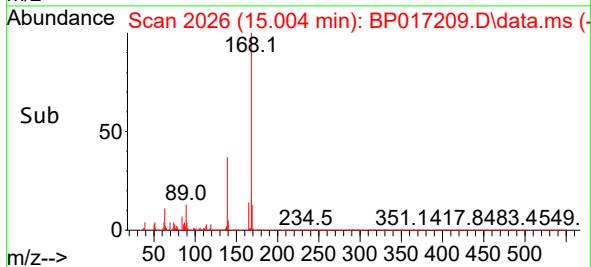
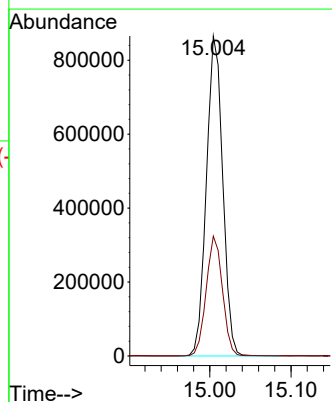
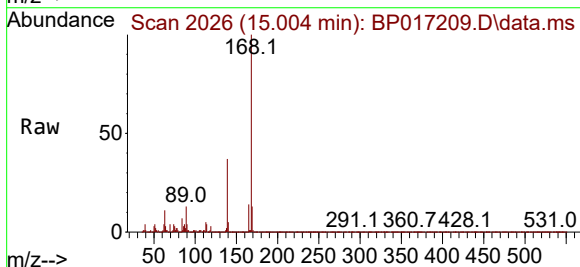
Instrument :
BNA_P
ClientSampleId :
SLCS449

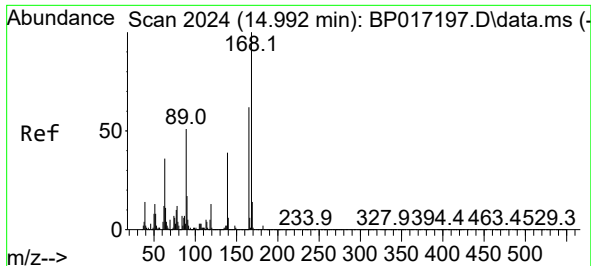
Tgt Ion:109 Resp: 137236
Ion Ratio Lower Upper
109 100
139 121.8 101.1 151.7
65 123.6 105.0 157.4



#56
Dibenzofuran
Concen: 30.490 ng/ul
RT: 15.004 min Scan# 2026
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:168 Resp: 1205365
Ion Ratio Lower Upper
168 100
139 37.5 29.9 44.9





#57

2,4-Dinitrotoluene

Concen: 31.124 ng/ul

RT: 14.992 min Scan# 2024

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

SLCS449

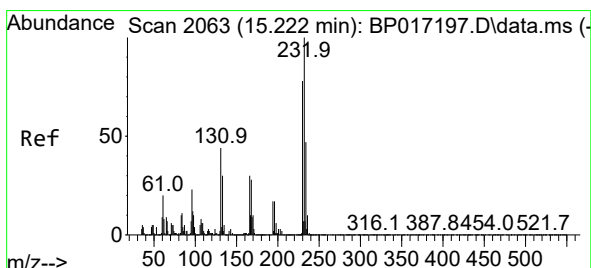
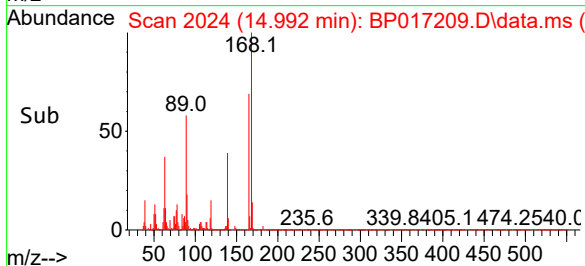
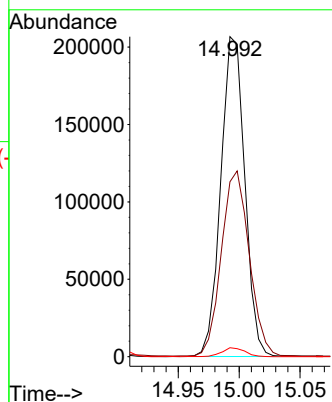
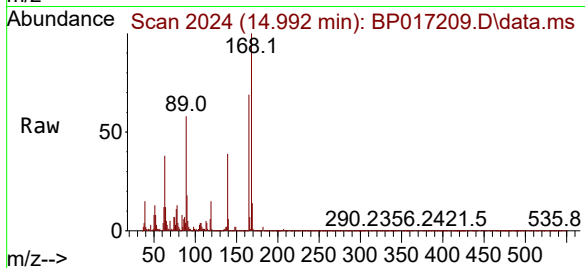
Tgt Ion:165 Resp: 283660

Ion Ratio Lower Upper

165 100

63 54.7 42.3 63.5

182 2.8 2.2 3.4



#58

2,3,4,6-Tetrachlorophenol

Concen: 31.020 ng/ul

RT: 15.222 min Scan# 2063

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Tgt Ion:232 Resp: 253688

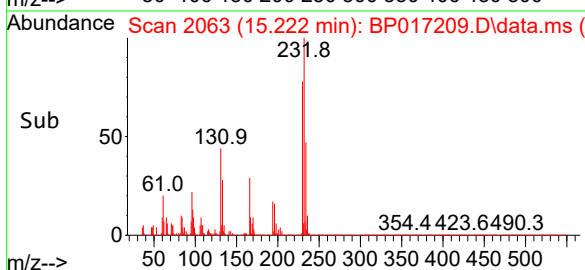
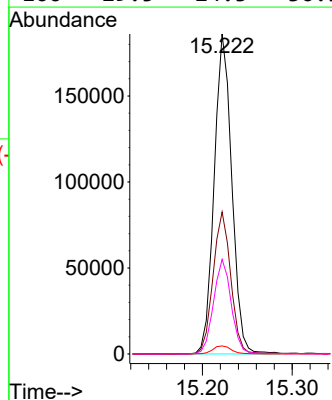
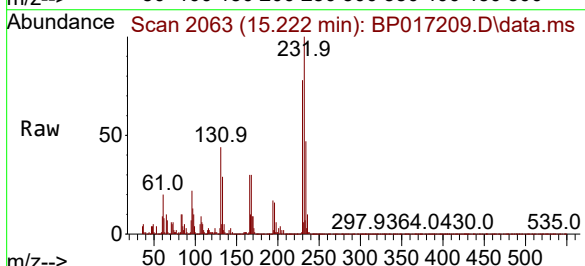
Ion Ratio Lower Upper

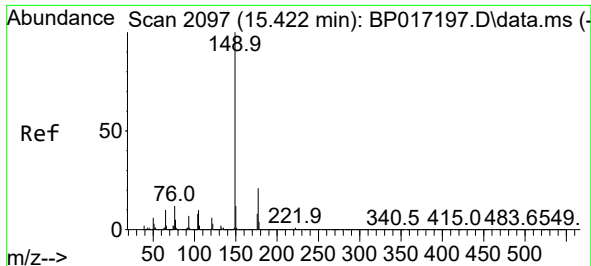
232 100

131 44.4 37.0 55.6

130 2.5 1.8 2.8

166 29.5 24.3 36.5

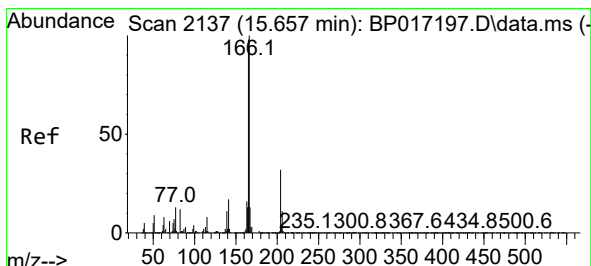
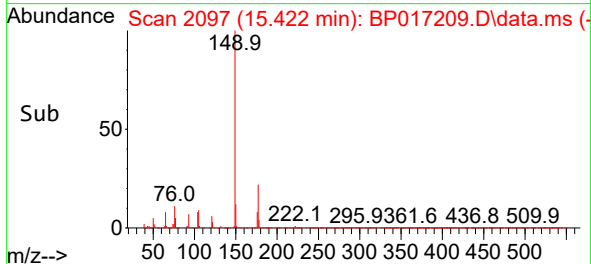
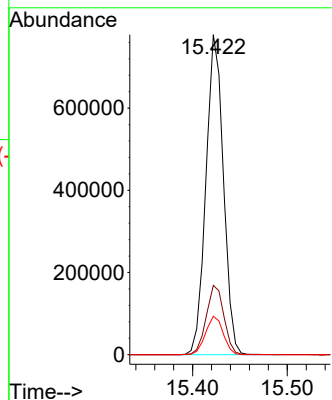
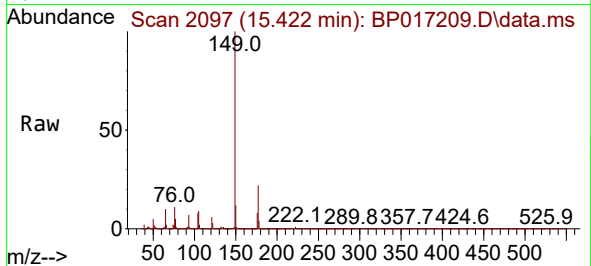




#59
Diethylphthalate
Concen: 30.070 ng/ul
RT: 15.422 min Scan# 2097
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

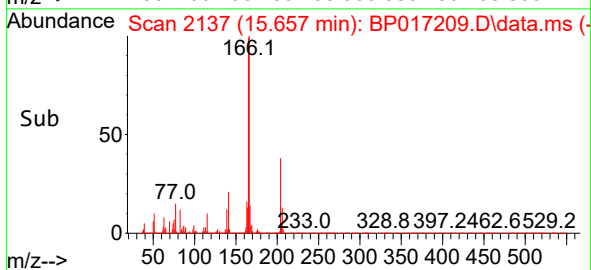
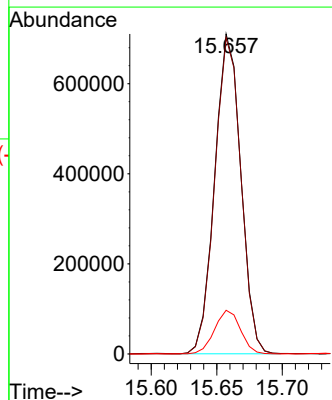
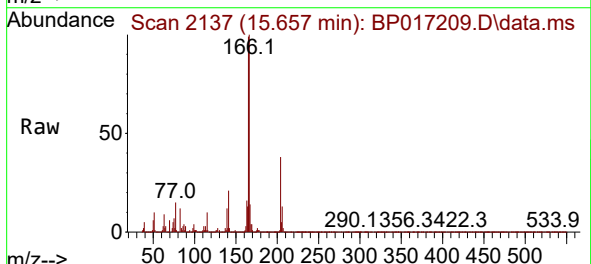
Instrument :
BNA_P
ClientSampleId :
SLCS449

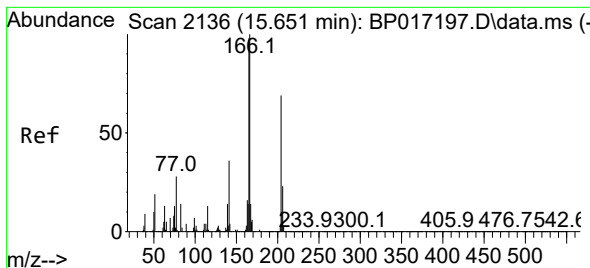
Tgt Ion:149 Resp: 993952
Ion Ratio Lower Upper
149 100
177 21.7 17.5 26.3
150 12.0 10.0 15.0



#61
Fluorene
Concen: 30.093 ng/ul
RT: 15.657 min Scan# 2137
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:166 Resp: 983570
Ion Ratio Lower Upper
166 100
165 98.9 78.2 117.2
167 13.7 11.0 16.4

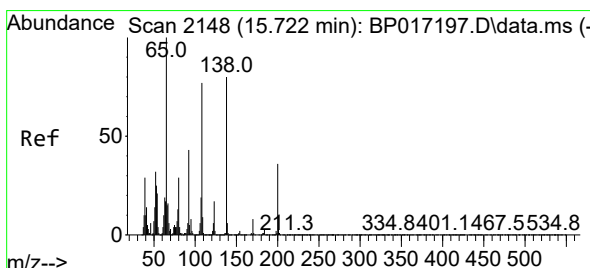
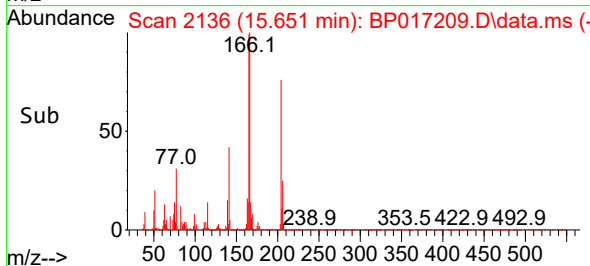
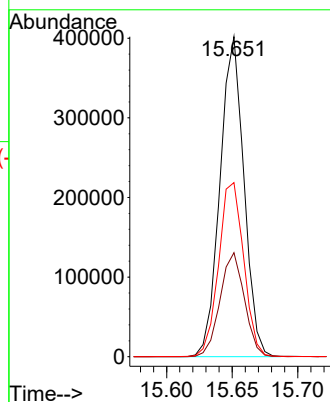
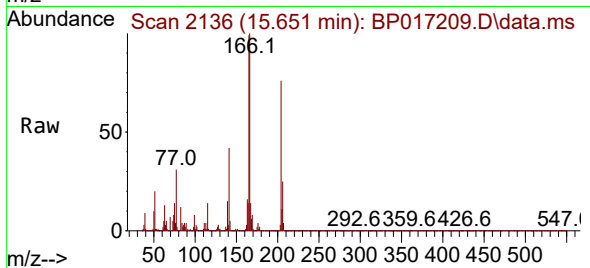




#62
4-Chlorophenyl-phenylether
Concen: 30.680 ng/ul
RT: 15.651 min Scan# 2136
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

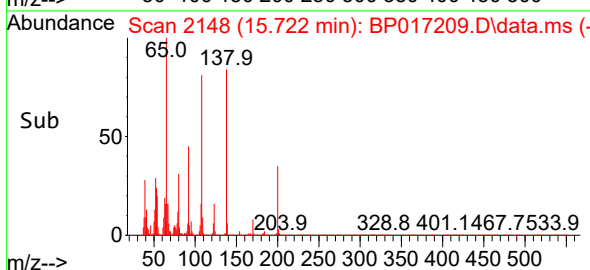
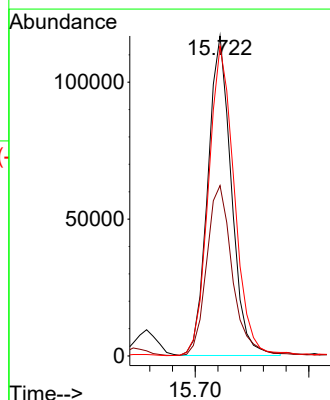
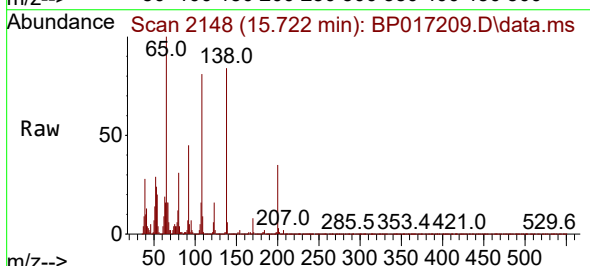
Instrument :
BNA_P
ClientSampleId :
SLCS449

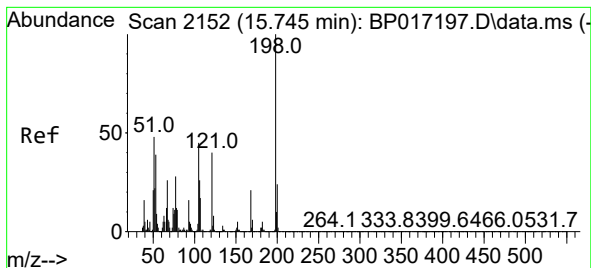
Tgt Ion:204 Resp: 509825
Ion Ratio Lower Upper
204 100
206 32.5 27.3 40.9
141 54.4 45.0 67.6



#63
4-Nitroaniline
Concen: 27.636 ng/ul
RT: 15.722 min Scan# 2148
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:138 Resp: 168228
Ion Ratio Lower Upper
138 100
92 53.3 43.3 64.9
108 96.8 75.3 112.9

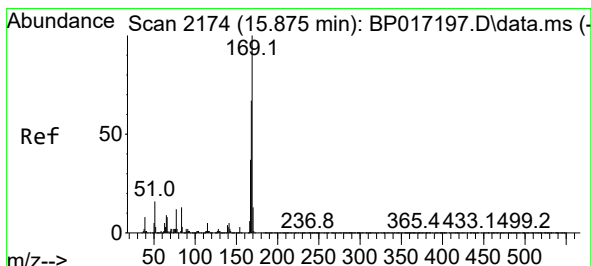
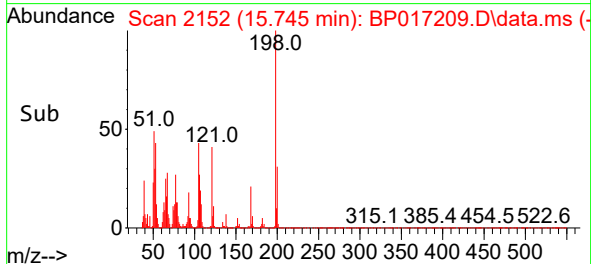
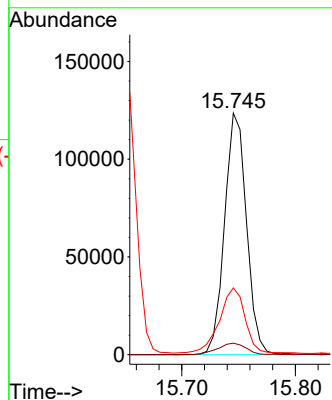
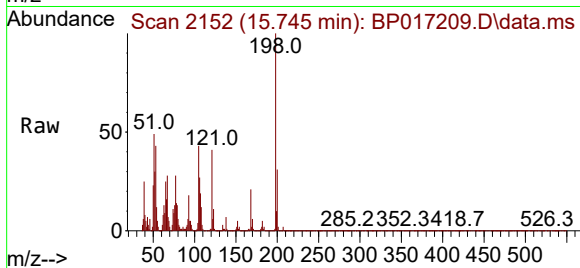




#66
4,6-Dinitro-2-methylphenol
Concen: 29.959 ng/ul
RT: 15.745 min Scan# 2152
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

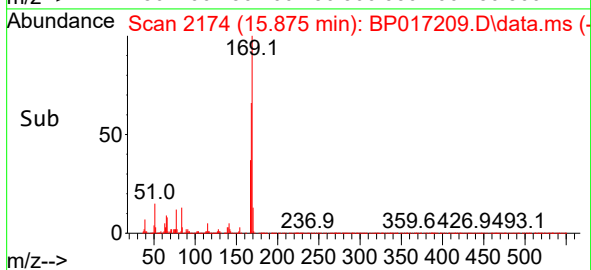
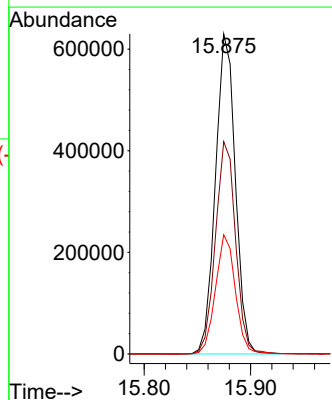
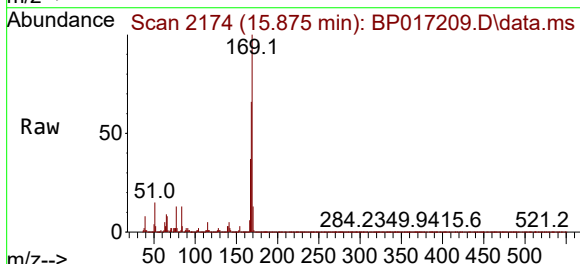
Instrument :
BNA_P
ClientSampleId :
SLCS449

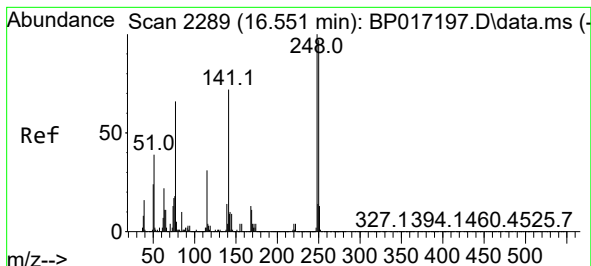
Tgt Ion:198 Resp: 165757
Ion Ratio Lower Upper
198 100
182 4.8 4.2 6.2
77 27.6 22.5 33.7



#67
N-Nitrosodiphenylamine
Concen: 33.992 ng/ul
RT: 15.875 min Scan# 2174
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:169 Resp: 815559
Ion Ratio Lower Upper
169 100
168 66.3 52.7 79.1
167 37.3 29.0 43.4

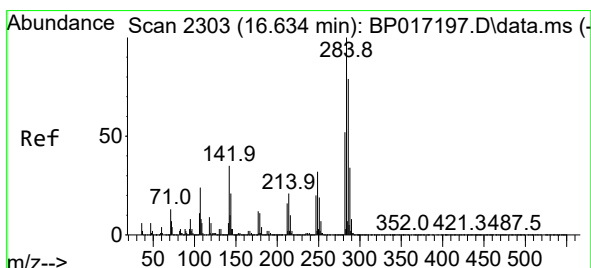
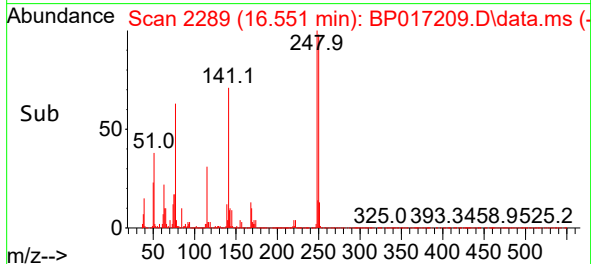
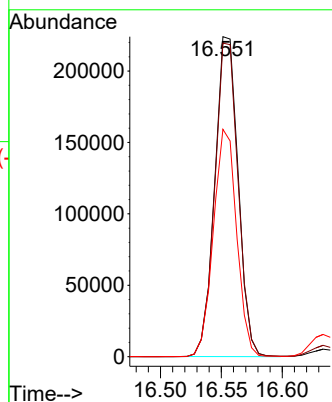
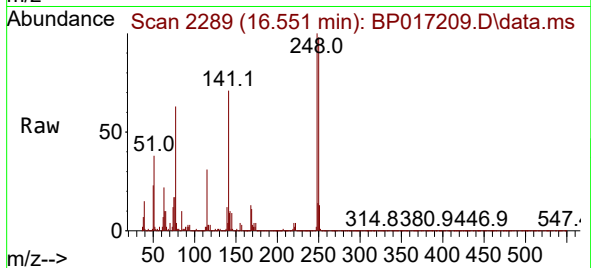




#68
4-Bromophenyl-phenylether
Concen: 34.064 ng/ul
RT: 16.551 min Scan# 211
Delta R.T. -0.006 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

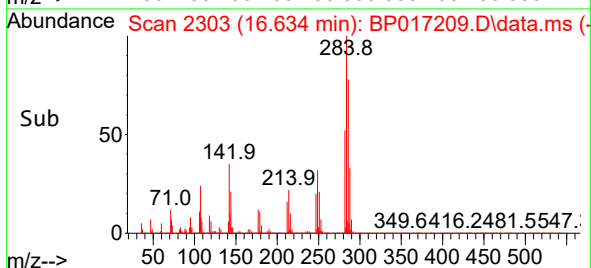
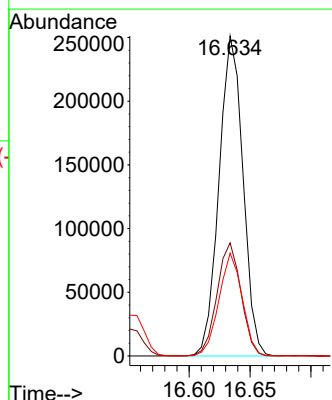
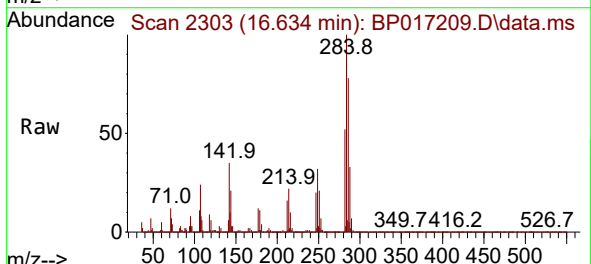
Instrument :
BNA_P
ClientSampleId :
SLCS449

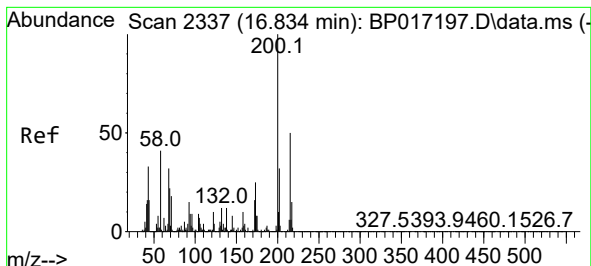
Tgt Ion:248 Resp: 299620
Ion Ratio Lower Upper
248 100
250 98.0 78.6 118.0
141 71.1 60.4 90.6



#69
Hexachlorobenzene
Concen: 33.010 ng/ul
RT: 16.634 min Scan# 2303
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:284 Resp: 343663
Ion Ratio Lower Upper
284 100
142 35.4 28.6 42.8
249 32.1 25.0 37.6





#70

Atrazine

Concen: 30.581 ng/ul

RT: 16.834 min Scan# 21

Delta R.T. -0.000 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

SLCS449

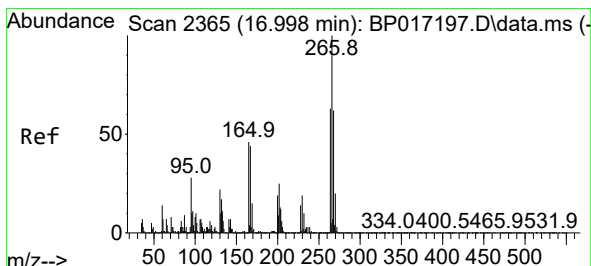
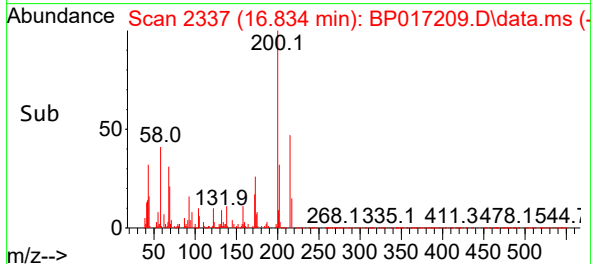
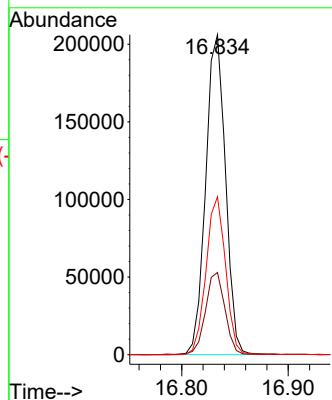
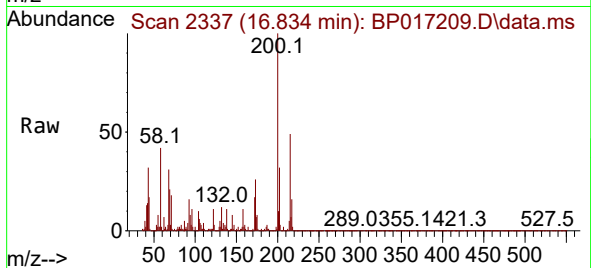
Tgt Ion:200 Resp: 265597

Ion Ratio Lower Upper

200 100

173 25.7 20.7 31.1

215 49.3 38.8 58.2



#71

Pentachlorophenol

Concen: 28.821 ng/ul

RT: 16.998 min Scan# 2365

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

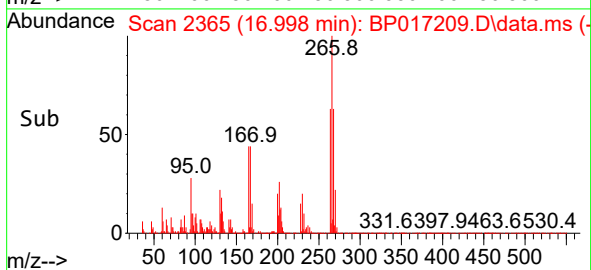
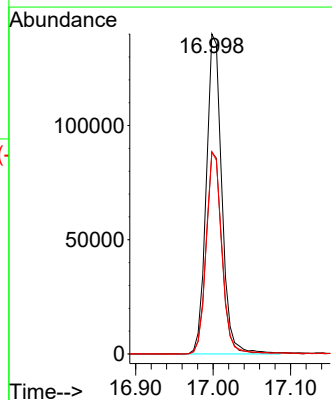
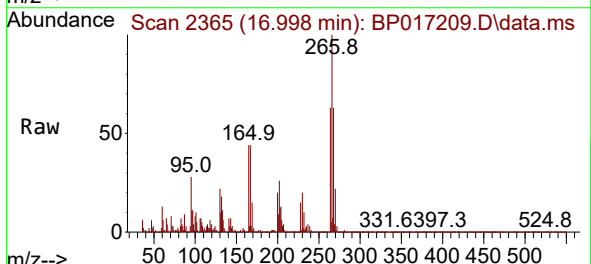
Tgt Ion:266 Resp: 195006

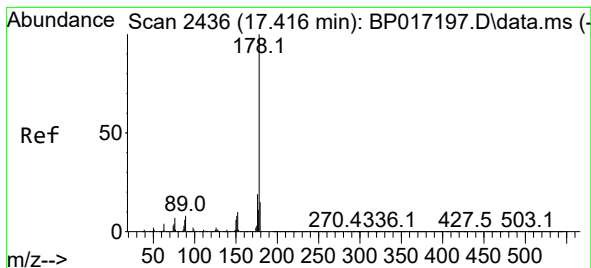
Ion Ratio Lower Upper

266 100

264 63.1 50.7 76.1

268 63.2 51.1 76.7





#72

Phenanthrene

Concen: 31.571 ng/ul

RT: 17.422 min Scan# 2436

Delta R.T. -0.000 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

SLCS449

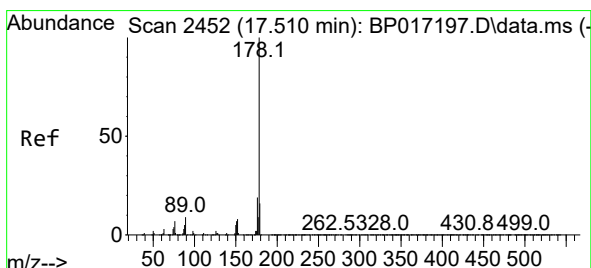
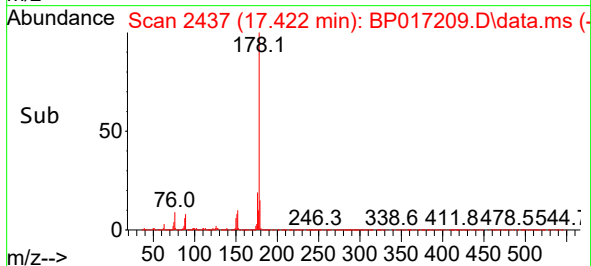
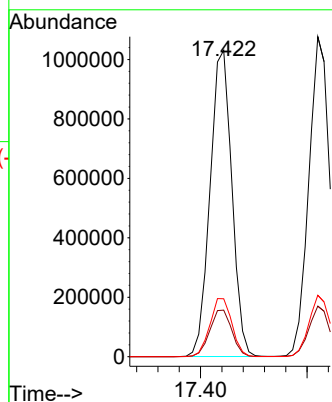
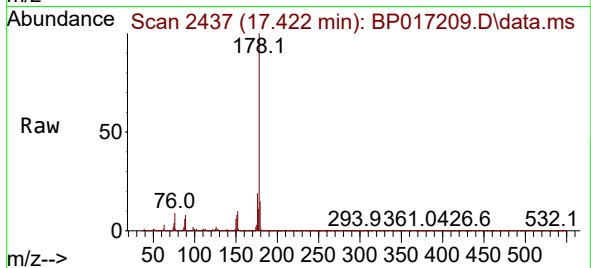
Tgt Ion:178 Resp: 1463988

Ion Ratio Lower Upper

178 100

179 15.2 12.2 18.2

176 18.9 15.6 23.4



#74

Anthracene

Concen: 31.616 ng/ul

RT: 17.510 min Scan# 2452

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

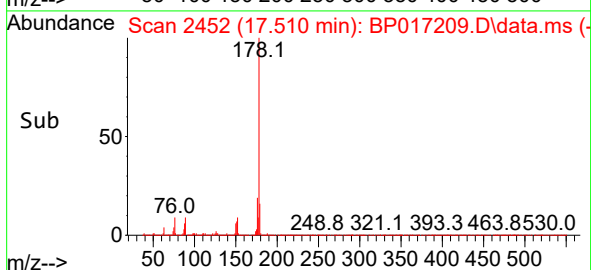
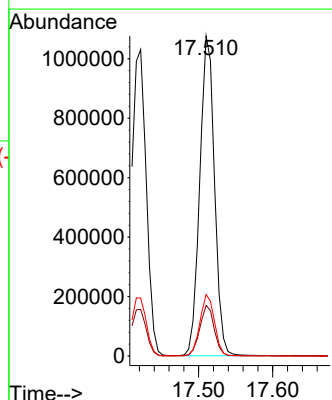
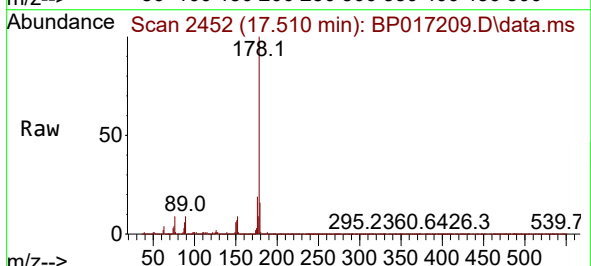
Tgt Ion:178 Resp: 1484876

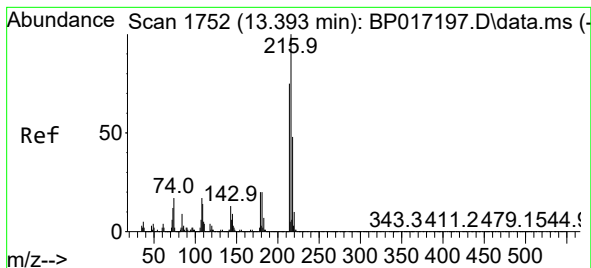
Ion Ratio Lower Upper

178 100

179 15.8 12.4 18.6

176 19.2 14.9 22.3

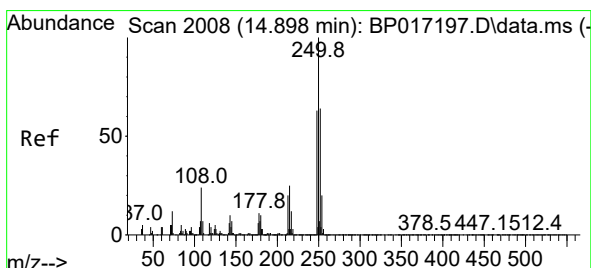
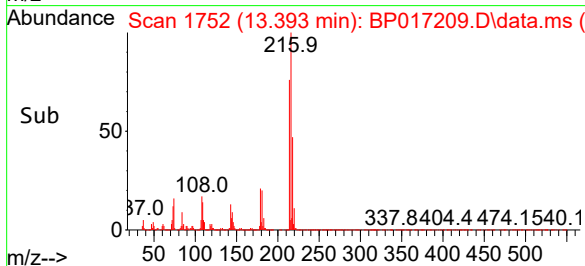
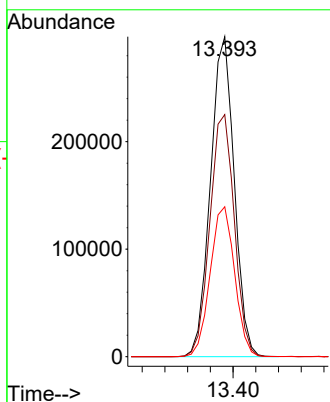
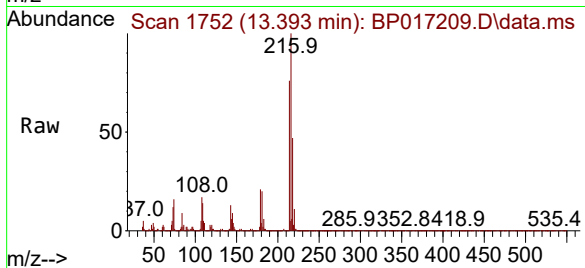




#75
1,2,3,4-Tetrachlorobenzene
Concen: 33.895 ng/uL
RT: 13.393 min Scan# 1752
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

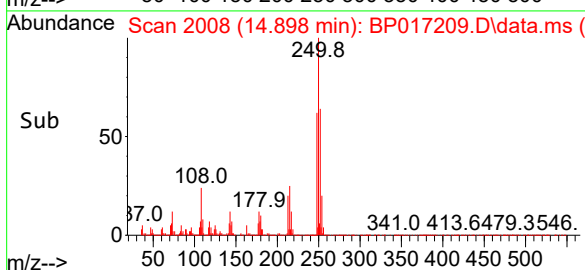
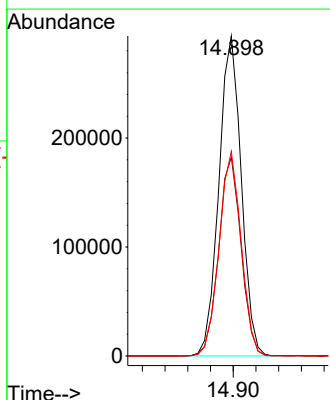
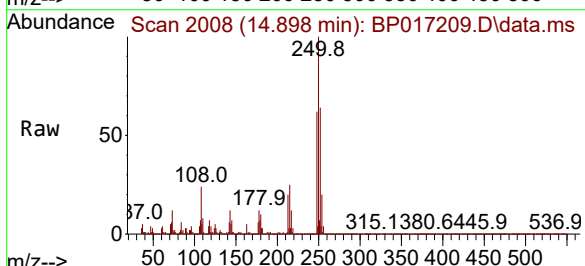
Instrument :
BNA_P
ClientSampleId :
SLCS449

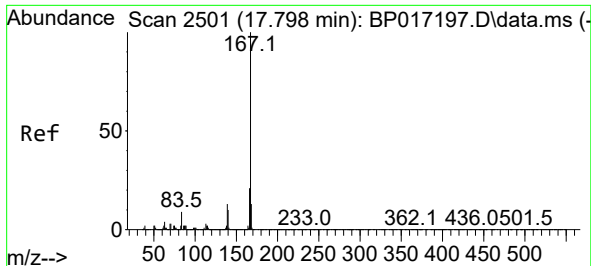
Tgt Ion:216 Resp: 432441
Ion Ratio Lower Upper
216 100
214 75.7 61.3 91.9
218 46.8 38.3 57.5



#76
Pentachlorobenzene
Concen: 34.690 ng/uL
RT: 14.898 min Scan# 2008
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:250 Resp: 401596
Ion Ratio Lower Upper
250 100
248 62.1 51.1 76.7
252 63.9 50.7 76.1

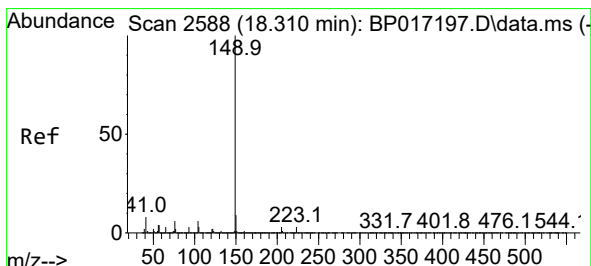
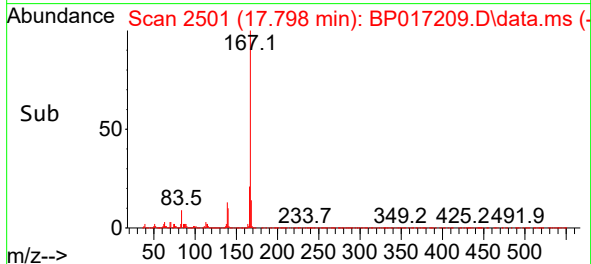
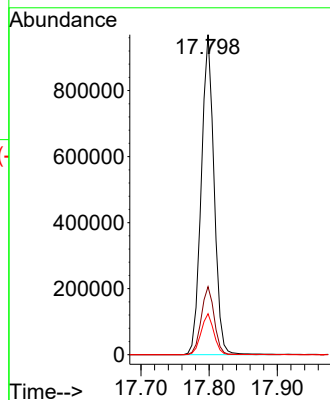
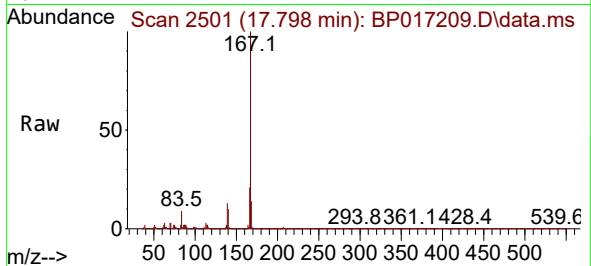




#77
 Carbazole
 Concen: 30.634 ng/ul
 RT: 17.798 min Scan# 2501
 Delta R.T. -0.000 min
 Lab File: BP017209.D
 Acq: 18 Sep 2023 17:24

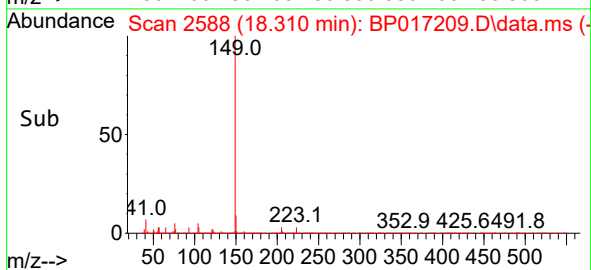
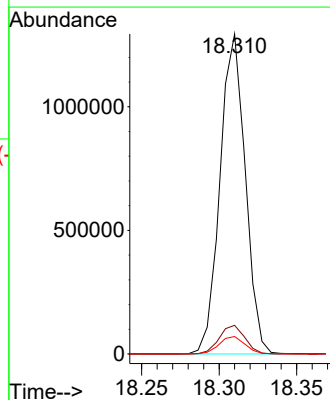
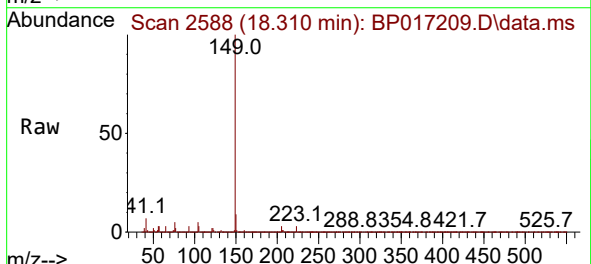
Instrument :
 BNA_P
 ClientSampleId :
 SLCS449

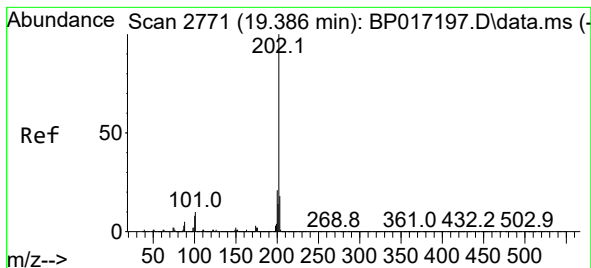
Tgt Ion:167 Resp: 1263366
 Ion Ratio Lower Upper
 167 100
 166 21.2 17.0 25.6
 139 12.8 10.4 15.6



#78
 Di-n-butylphthalate
 Concen: 31.230 ng/ul
 RT: 18.310 min Scan# 2588
 Delta R.T. -0.000 min
 Lab File: BP017209.D
 Acq: 18 Sep 2023 17:24

Tgt Ion:149 Resp: 1467641
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.2 10.8
 104 5.5 4.2 6.4





#80

Fluoranthene

Concen: 39.234 ng/ul

RT: 19.386 min Scan# 2771

Delta R.T. -0.000 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

SLCS449

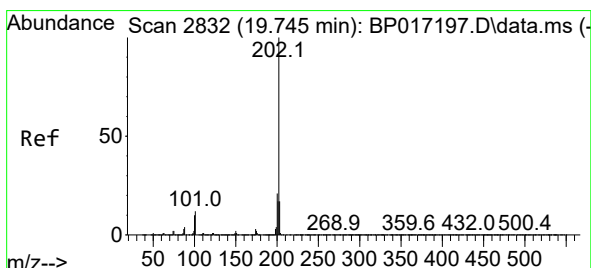
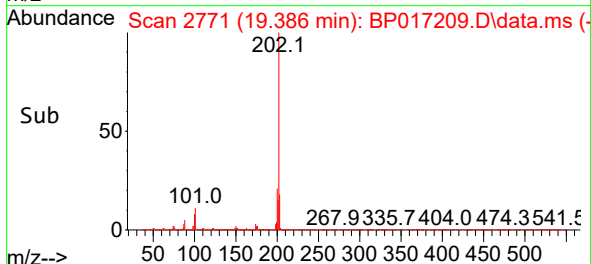
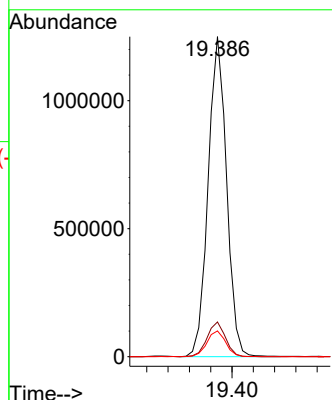
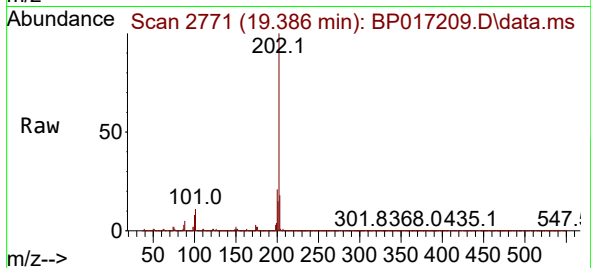
Tgt Ion:202 Resp: 1503511

Ion Ratio Lower Upper

202 100

101 10.9 8.3 12.5

100 8.0 6.4 9.6



#82

Pyrene

Concen: 38.134 ng/ul

RT: 19.745 min Scan# 2832

Delta R.T. -0.000 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

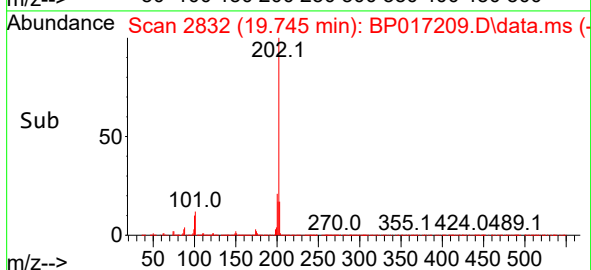
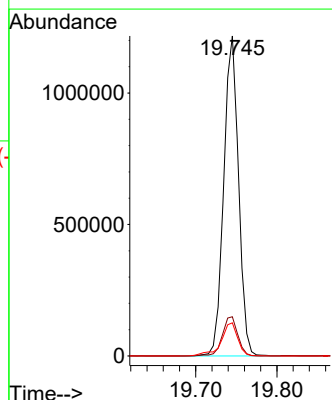
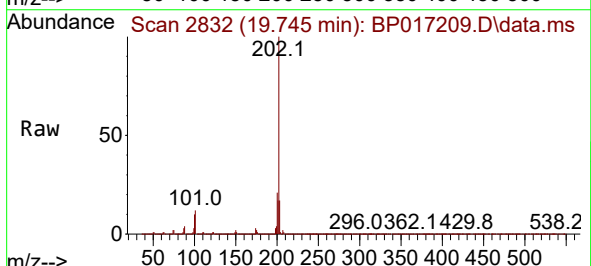
Tgt Ion:202 Resp: 1544096

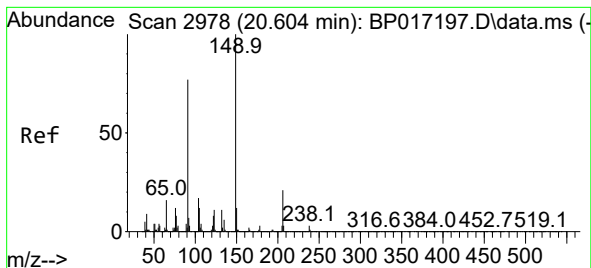
Ion Ratio Lower Upper

202 100

101 12.2 9.7 14.5

100 10.4 7.8 11.8





#83

Butylbenzylphthalate

Concen: 35.681 ng/ul

RT: 20.604 min Scan# 2978

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

SLCS449

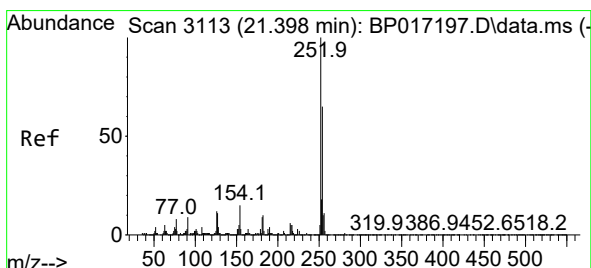
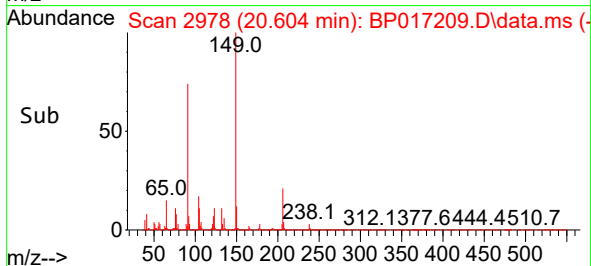
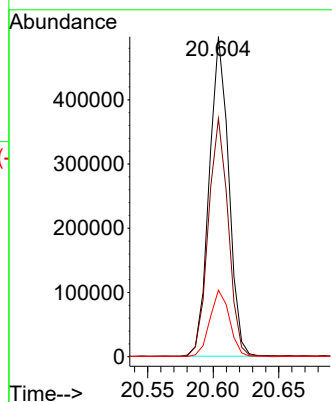
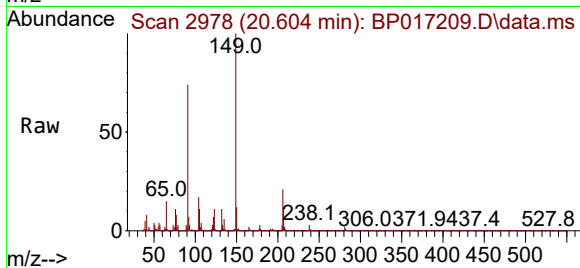
Tgt Ion:149 Resp: 515284

Ion Ratio Lower Upper

149 100

91 74.5 57.4 86.0

206 20.8 16.7 25.1



#84

3,3'-Dichlorobenzidine

Concen: 28.899 ng/ul

RT: 21.404 min Scan# 3114

Delta R.T. -0.000 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

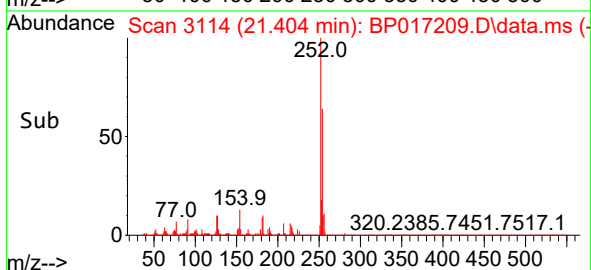
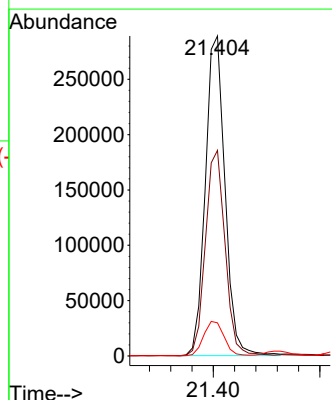
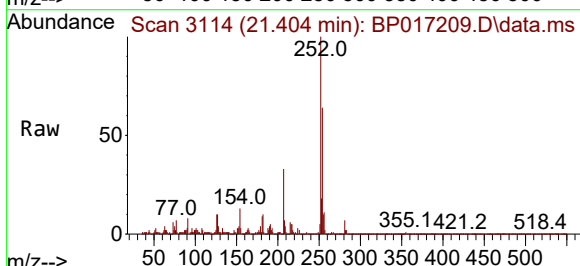
Tgt Ion:252 Resp: 370390

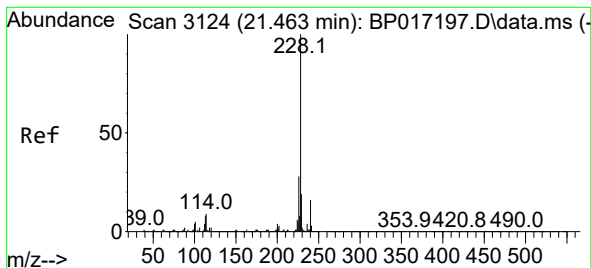
Ion Ratio Lower Upper

252 100

254 64.2 51.4 77.2

126 10.4 9.4 14.2





#85

Benzo(a)anthracene

Concen: 32.063 ng/ul

RT: 21.463 min Scan# 3124

Delta R.T. -0.000 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

SLCS449

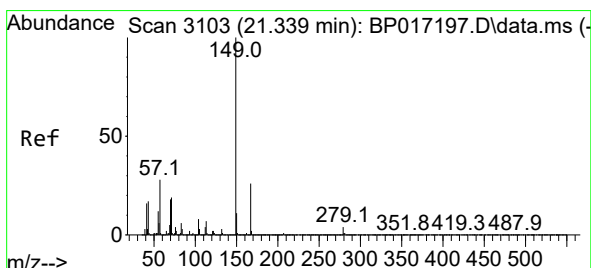
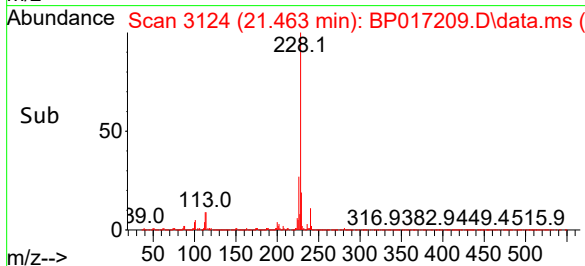
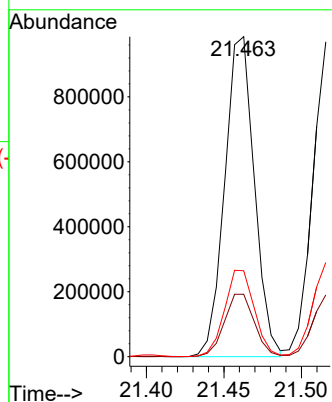
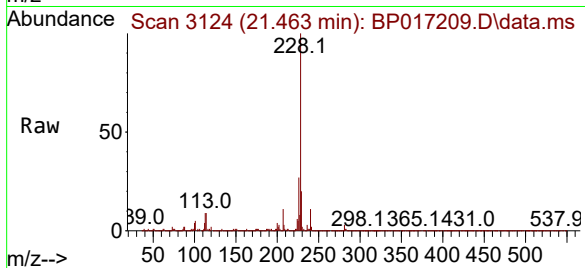
Tgt Ion:228 Resp: 1312405

Ion Ratio Lower Upper

228 100

229 19.5 16.1 24.1

226 26.9 22.2 33.4



#86

Bis(2-ethylhexyl)phthalate

Concen: 33.496 ng/ul

RT: 21.339 min Scan# 3103

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

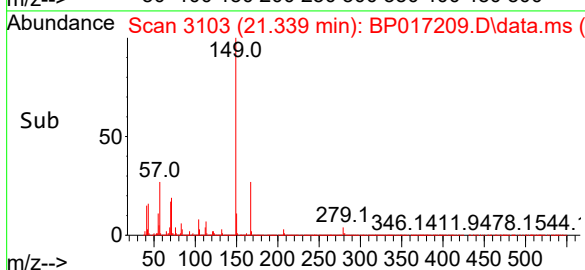
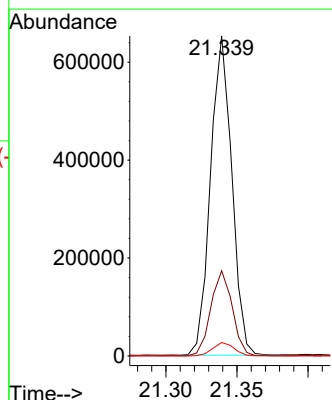
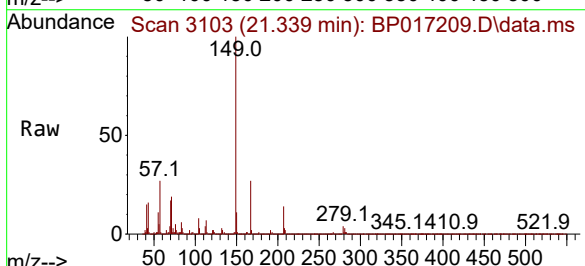
Tgt Ion:149 Resp: 679054

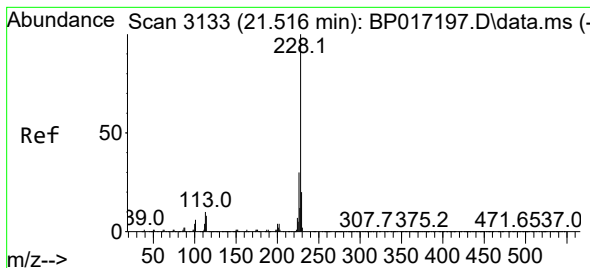
Ion Ratio Lower Upper

149 100

167 26.7 21.3 31.9

279 4.2 3.4 5.2





#87

Chrysene

Concen: 32.064 ng/ul

RT: 21.516 min Scan# 3133

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

SLCS449

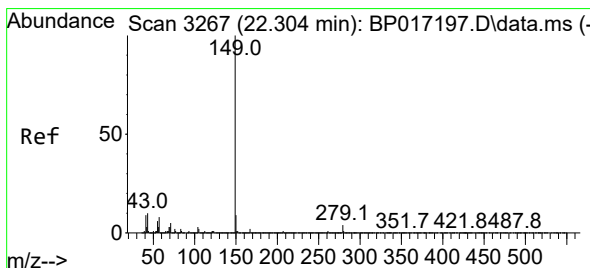
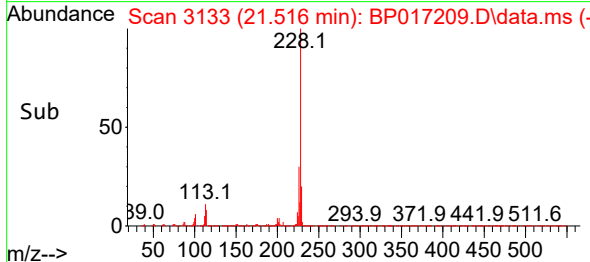
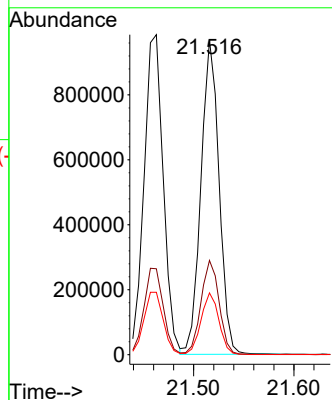
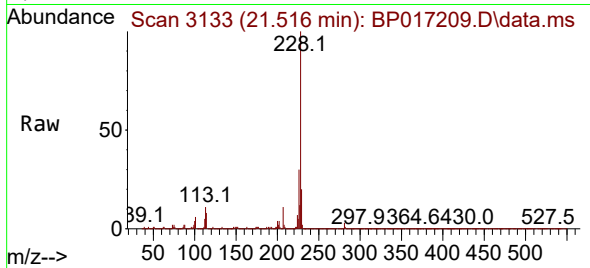
Tgt Ion:228 Resp: 1220872

Ion Ratio Lower Upper

228 100

226 29.9 23.9 35.9

229 19.6 15.3 22.9



#89

Di-n-octyl phthalate

Concen: 29.908 ng/ul

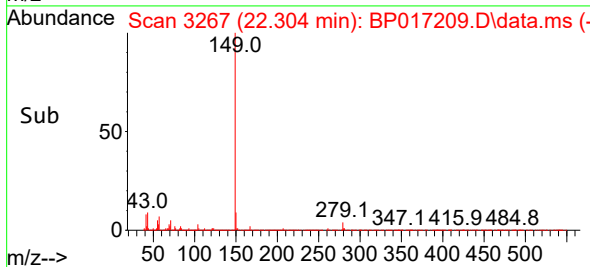
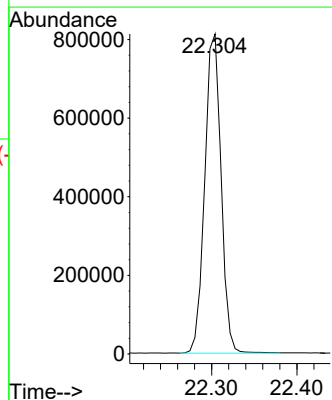
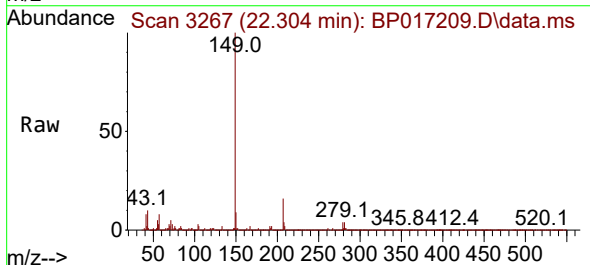
RT: 22.304 min Scan# 3267

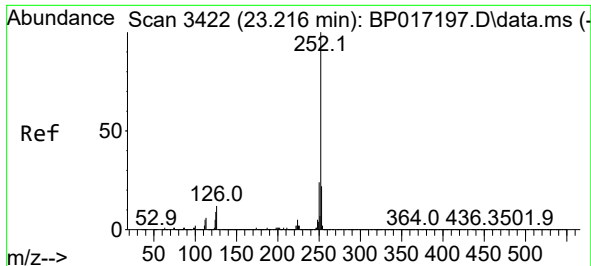
Delta R.T. -0.000 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Tgt Ion:149 Resp: 1080578

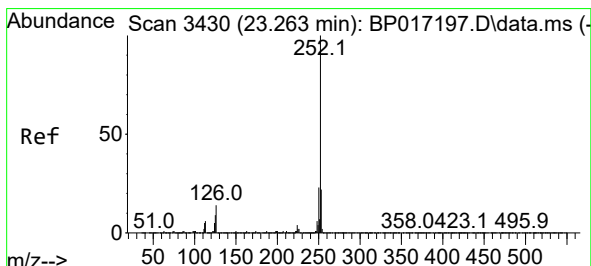
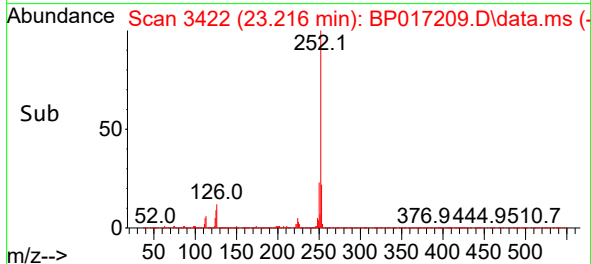
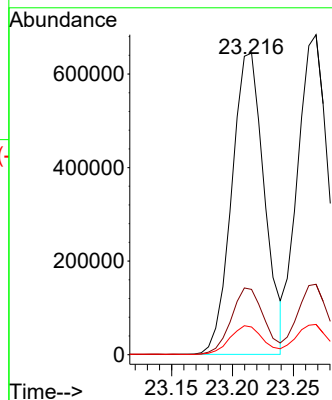
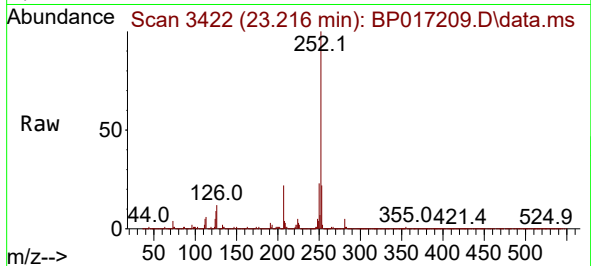




#90
Benzo(b)fluoranthene
Concen: 31.310 ng/ul
RT: 23.216 min Scan# 3422
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

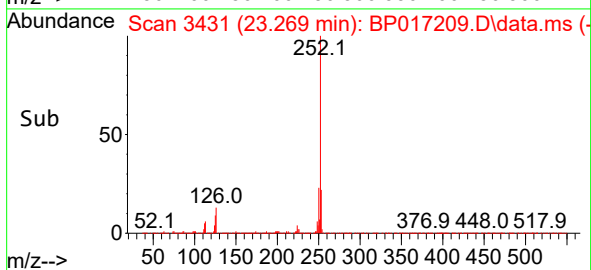
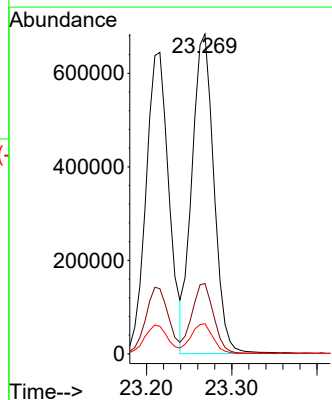
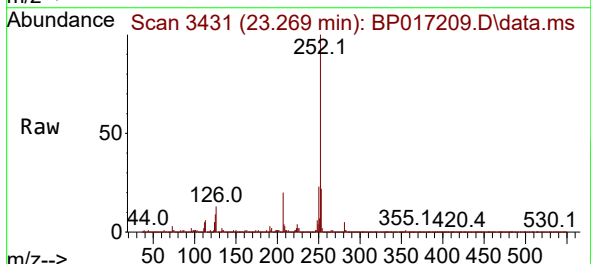
Instrument :
BNA_P
ClientSampleId :
SLCS449

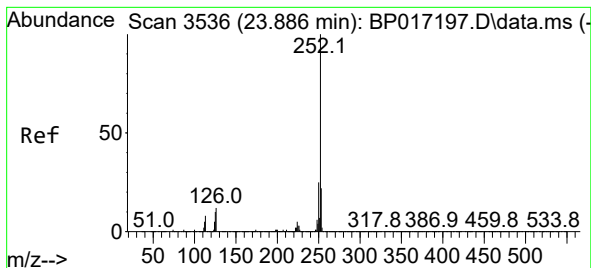
Tgt Ion:252 Resp: 1202545
Ion Ratio Lower Upper
252 100
253 21.7 18.2 27.2
125 9.2 7.5 11.3



#91
Benzo(k)fluoranthene
Concen: 31.967 ng/ul
RT: 23.269 min Scan# 3431
Delta R.T. -0.000 min
Lab File: BP017209.D
Acq: 18 Sep 2023 17:24

Tgt Ion:252 Resp: 1220589
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.6
125 9.5 7.4 11.2





#93

Benzo(a)pyrene

Concen: 32.769 ng/ul

RT: 23.886 min Scan# 3536

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

SLCS449

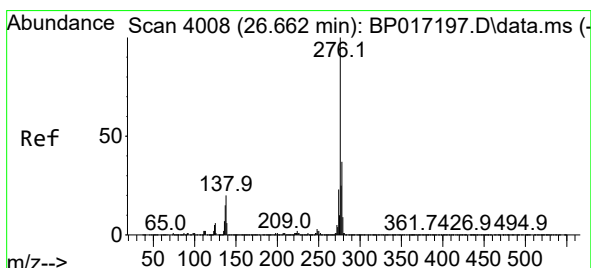
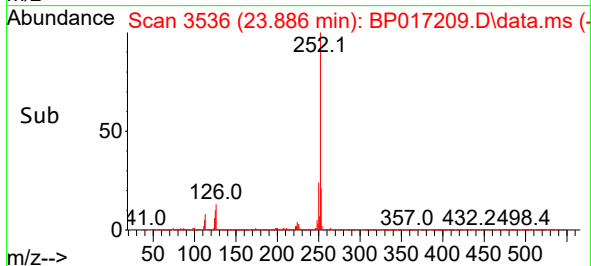
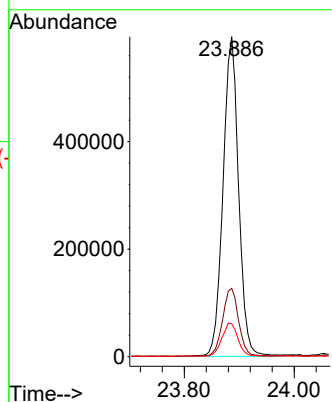
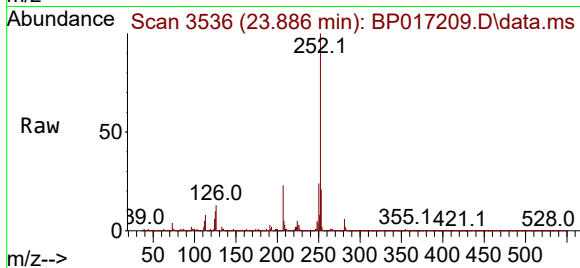
Tgt Ion:252 Resp: 1167670

Ion Ratio Lower Upper

252 100

253 21.3 17.4 26.2

125 10.3 8.1 12.1



#94

Indeno(1,2,3-cd)pyrene

Concen: 38.071 ng/ul

RT: 26.668 min Scan# 4009

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

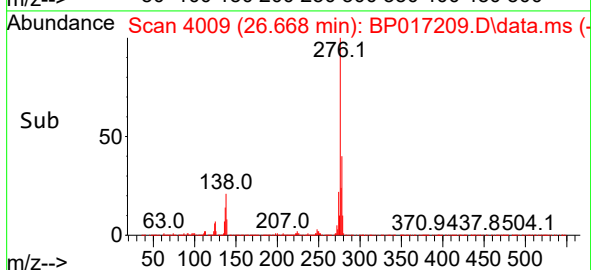
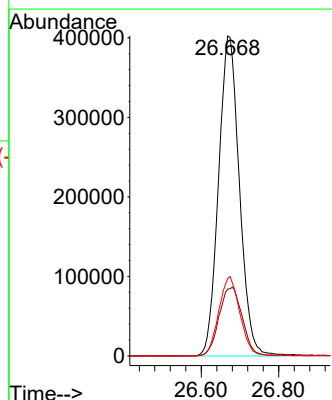
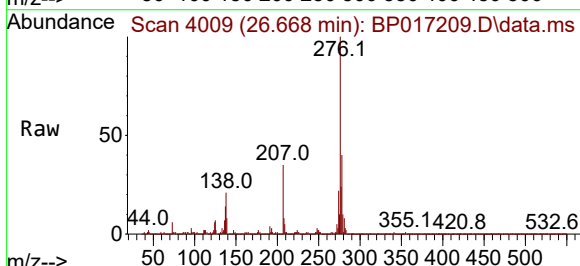
Tgt Ion:276 Resp: 1502207

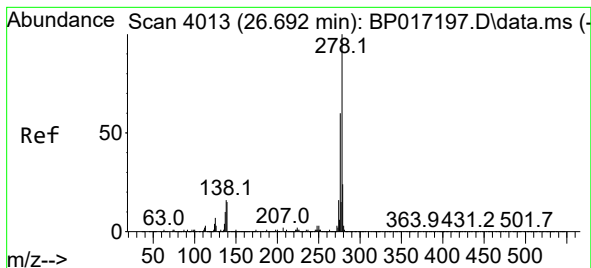
Ion Ratio Lower Upper

276 100

138 20.9 17.5 26.3

277 24.3 19.6 29.4





#95

Dibenzo(a,h)anthracene

Concen: 37.682 ng/ul

RT: 26.698 min Scan# 4013

Delta R.T. -0.000 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Instrument :

BNA_P

ClientSampleId :

SLCS449

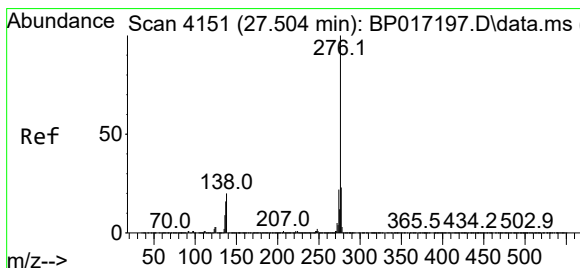
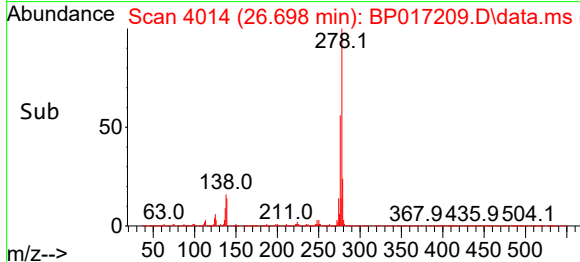
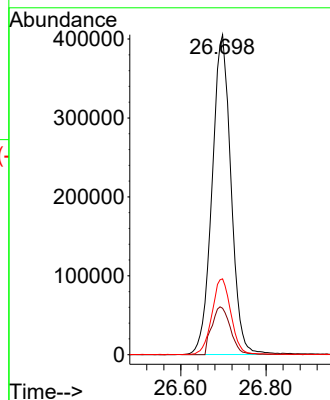
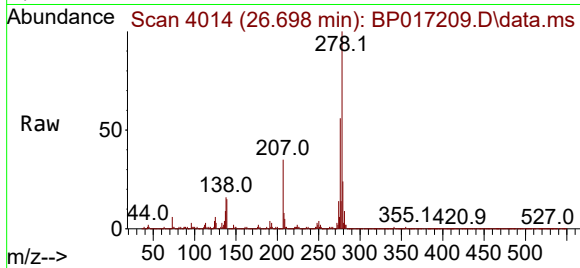
Tgt Ion:278 Resp: 1249008

Ion Ratio Lower Upper

278 100

139 14.5 11.9 17.9

279 23.7 19.0 28.6



#96

Benzo(g,h,i)perylene

Concen: 40.001 ng/ul

RT: 27.504 min Scan# 4151

Delta R.T. -0.006 min

Lab File: BP017209.D

Acq: 18 Sep 2023 17:24

Tgt Ion:276 Resp: 1220488

Ion Ratio Lower Upper

276 100

138 20.5 16.2 24.4

277 24.0 19.6 29.4

